LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059194.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.392	157	171	191	rBV	15653242	34742008	45.82%	9.934%
2	4.698	219	223	232	rVB2	92170	203421	0.27%	0.058%
3	5.744	393	401	414	rBV	3966220	7792022	10.28%	2.228%
4	5.920	414	431	439	rBV3	18752856	75828846	100.00%	21.681%
5	6.290	480	494	499	rVB	15777534	40896014	53.93%	11.693%
6	6.737	564	570	577	rVB	422349	680721	0.90%	0.195%
7	7.201	644	649	651	rBV	109154	175423	0.23%	0.050%
8	7.236	651	655	665	rVB	333947	616520	0.81%	0.176%
9	7.354	665	675	680	rBV	9227400	18361392	24.21%	5.250%
10	7.418	680	686	691	rVV	5462201	8727112	11.51%	2.495%
11	7.489	691	698	705	rVB	5908168	9693985	12.78%	2.772%
12	7.659	715	727	733	rBV	5434024	9476795	12.50%	2.710%
13	7.824	748	755	758	rBV	154281	297876	0.39%	0.085%
14	7.941	764	775	781	rVV	12578107	29192153	38.50%	8.347%
15	8.135	800	808	811	rBV3	115271	235059	0.31%	0.067%
16	8.306	826	837	843	rBV	492662	895036	1.18%	0.256%
17	8.400	843	853	859	rVV	6266764	11023592	14.54%	3.152%
18	8.464	859	864	872	rVB5	104620	301986	0.40%	0.086%
19	8.552	872	879	881	rBV3	94971	178745	0.24%	0.051%
20	8.670	891	899	905	rBV	4394908	7634413	10.07%	2.183%
21	8.758	905	914	919	rVV2	883381	1937718	2.56%	0.554%
22	8.823	919	925	933	rVV2	1518740	3238766	4.27%	0.926%
23	8.911	933	940	946	rVV2	2575877	4517633	5.96%	1.292%
24	8.987	946	953	959	rVB5	310012	783649	1.03%	0.224%
25	9.075	959	968	975	rBV2	657949	1472447	1.94%	0.421%
26	9.140	975	979	987	rVB2	109625	177132	0.23%	0.051%
27	9.228	987	994	999	rBV	1422601	2347174	3.10%	0.671%
28	9.287	999	1004	1014	rVB	1232333	2157026	2.84%	0.617%
29	9.387	1014	1021	1029	rBV	2436136	4235021	5.58%	1.211%
30	9.481	1029	1037	1045	rBV2	959340	1861457	2.45%	0.532%
31	9.627	1055	1062	1072	rVB5	118100	282514	0.37%	0.081%
32	9.722	1072	1078	1084	rBV	674420	1176931	1.55%	0.337%
33	9.915	1105	1111	1116	rVV	1320575	2151656	2.84%	0.615%
34	9.974	1116	1121	1130	rVB	2004956	3362861	4.43%	0.962%
35	10.068	1130	1137	1145	rBV	297966	556718	0.73%	0.159%
36	10.168	1145	1154	1158	rBV2	476966	980752	1.29%	0.280%

LSC Area Percent Report

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Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBK98

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Title : SVOA CALIBRATION

37	10.209	1158	1161	1167	rVB3	379648	667917	0.88%	0.191%
38	10.280	1167	1173	1176	rBV3	428023	778187	1.03%	0.223%
39	10.356	1181	1186	1194	rVB	1281470	2245909	2.96%	0.642%
40	10.438	1194	1200	1205	rBV3	180341	402634	0.53%	0.115%
41	10.503	1205	1211	1216	rBV	2417372	4365563	5.76%	1.248%
42	10.632	1224	1233	1236	rBV6	202203	475233	0.63%	0.136%
43	10.750	1244	1253	1257	rBV2	491501	936840	1.24%	0.268%
44	10.979	1283	1292	1296	rBV3	159031	353815	0.47%	0.101%
45	11.020	1296	1299	1302	rVV3	132682	212996	0.28%	0.061%
46	11.090	1302	1311	1315	rVV2	271482	752739	0.99%	0.215%
47	11.155	1315	1322	1324	rVV3	404452	1086209	1.43%	0.311%
48	11.208	1324	1331	1338	rVB	5705553	11264772	14.86%	3.221%
49	11.320	1338	1350	1357	rVB3	350096	935949	1.23%	0.268%
50	11.666	1397	1409	1417	rVV6	392727	1563632	2.06%	0.447%
51	11.766	1421	1426	1432	rVV4	264758	566111	0.75%	0.162%
52	11.925	1448	1453	1459	rVB7	86967	198340	0.26%	0.057%
53	12.019	1464	1469	1472	rBV	278054	436607	0.58%	0.125%
54	12.207	1495	1501	1506	rBV	203704	366436	0.48%	0.105%
55	12.407	1528	1535	1539	rBV	128707	210713	0.28%	0.060%
56	12.477	1544	1547	1551	rVV2	141313	241177	0.32%	0.069%
57	12.530	1551	1556	1561	rVB2	254428	454977	0.60%	0.130%
58	12.777	1591	1598	1606	rBV	2747571	4589861	6.05%	1.312%
59	12.994	1623	1635	1644	rVV	1803216	3443219	4.54%	0.985%
60	13.082	1644	1650	1657	rVB4	214947	525779	0.69%	0.150%
61	13.288	1681	1685	1689	rVB4	151894	239755	0.32%	0.069%
62	13.405	1697	1705	1709	rBV3	165786	339795	0.45%	0.097%
63	13.676	1746	1751	1756	rVB3	198510	309682	0.41%	0.089%
64	13.911	1786	1791	1794	rBV3	168423	301657	0.40%	0.086%
65	14.081	1815	1820	1821	rBV3	189313	269245	0.36%	0.077%
66	14.110	1821	1825	1829	rVB6	251539	482833	0.64%	0.138%
67	14.240	1841	1847	1852	rVB2	307181	528635	0.70%	0.151%
68	14.322	1852	1861	1866	rVB2	669741	1252882	1.65%	0.358%
69	14.539	1891	1898	1905	rVB4	278153	530585	0.70%	0.152%
70	14.633	1905	1914	1920	rBV	704333	1261586	1.66%	0.361%
71	14.739	1924	1932	1938	rVB3	276137	506414	0.67%	0.145%
72	14.927	1960	1964	1972	rVB	331065	515668	0.68%	0.147%
73	15.045	1979	1984	1988	rBV3	127078	199452	0.26%	0.057%
74	15.092	1988	1992	1999	rVV5	154913	294000	0.39%	0.084%
75	15.291	2022	2026	2033	rVB5	107521	218073	0.29%	0.062%
76	15.409	2039	2046	2056	rVB3	151543	363852	0.48%	0.104%

LSC Area Percent Report

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Misc :
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Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Title : SVOA CALIBRATION

77	15.685	2086	2093	2097	rVV	385541	547376	0.72%	0.157%
78	15.914	2126	2132	2138	rVB	818607	1231843	1.62%	0.352%
79	16.020	2146	2150	2155	rVV2	236594	340593	0.45%	0.097%
80	16.079	2155	2160	2166	rVB2	112032	217229	0.29%	0.062%
81	16.543	2234	2239	2246	rBV	443037	763709	1.01%	0.218%
82	17.130	2332	2339	2367	rBV3	458602	2471511	3.26%	0.707%
83	17.342	2370	2375	2378	rVV	402986	521737	0.69%	0.149%
84	17.383	2378	2382	2386	rVB	151765	205794	0.27%	0.059%
85	17.677	2426	2432	2437	rBV	408580	612094	0.81%	0.175%
86	17.777	2443	2449	2457	rBV	913119	1402812	1.85%	0.401%
87	18.082	2496	2501	2507	rVB	421529	522474	0.69%	0.149%
88	18.270	2529	2533	2538	rVB	167399	203553	0.27%	0.058%
89	18.499	2567	2572	2583	rBV2	544272	788214	1.04%	0.225%
90	18.770	2613	2618	2622	rBV	383796	467628	0.62%	0.134%
91	19.398	2720	2725	2728	rBV2	453208	734136	0.97%	0.210%
92	19.434	2728	2731	2741	rVB	463317	629238	0.83%	0.180%
93	19.757	2782	2786	2792	rBV2	266208	326779	0.43%	0.093%
94	19.962	2817	2821	2824	rBV	249112	274472	0.36%	0.078%
95	20.051	2831	2836	2845	rVB	1058887	1567859	2.07%	0.448%
96	20.491	2907	2911	2917	rBV	159085	200520	0.26%	0.057%
97	21.537	3084	3089	3098	rVB3	205997	340289	0.45%	0.097%
98	21.995	3162	3167	3176	rVB	318744	553611	0.73%	0.158%
99	25.303	3719	3730	3742	rBV2	407638	1293968	1.71%	0.370%
100	25.544	3763	3771	3782	rVB2	204047	641950	0.85%	0.184%

Sum of corrected areas: 349741692

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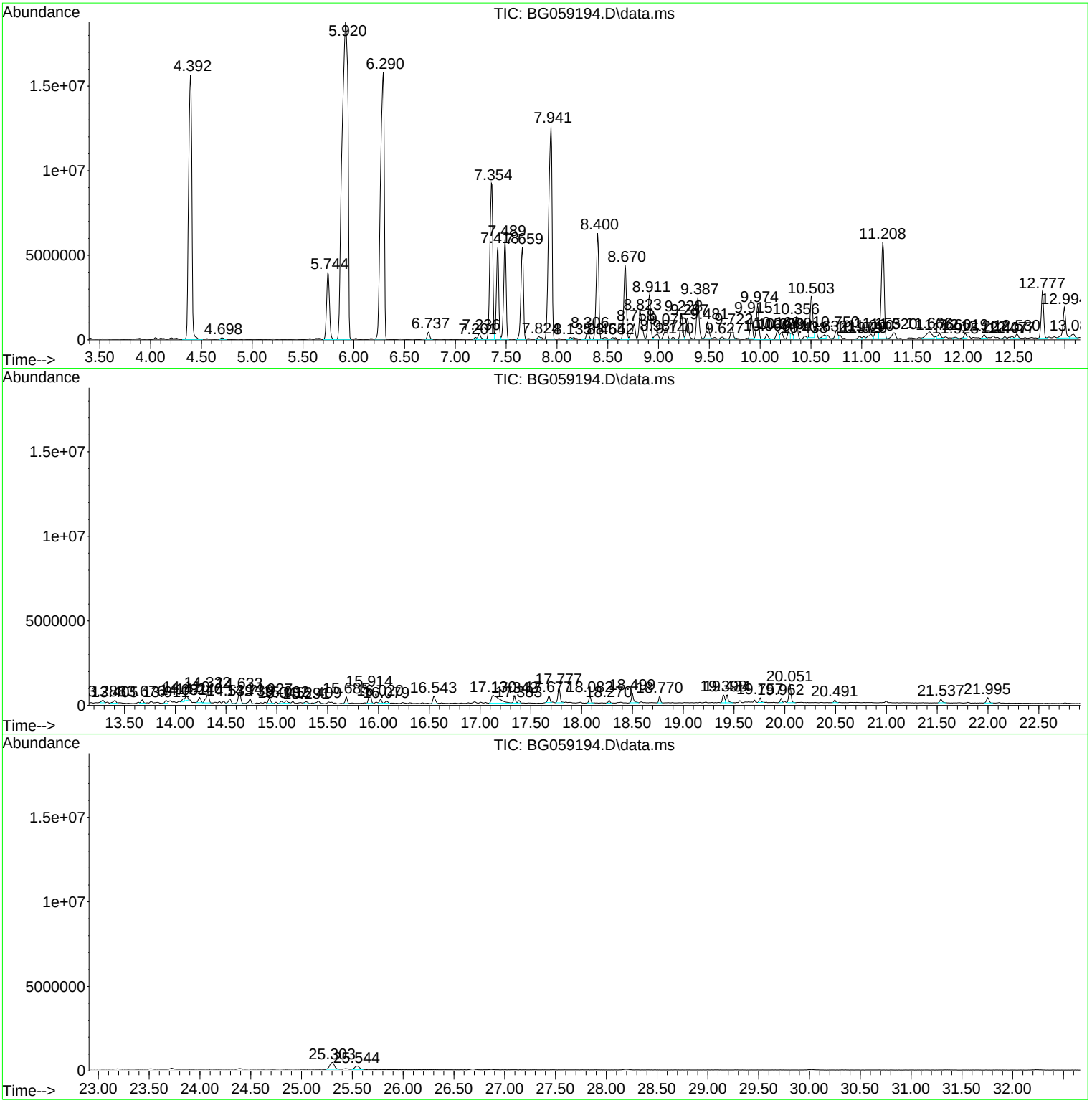
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
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Instrument :
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ClientSampleId :
BBK98

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

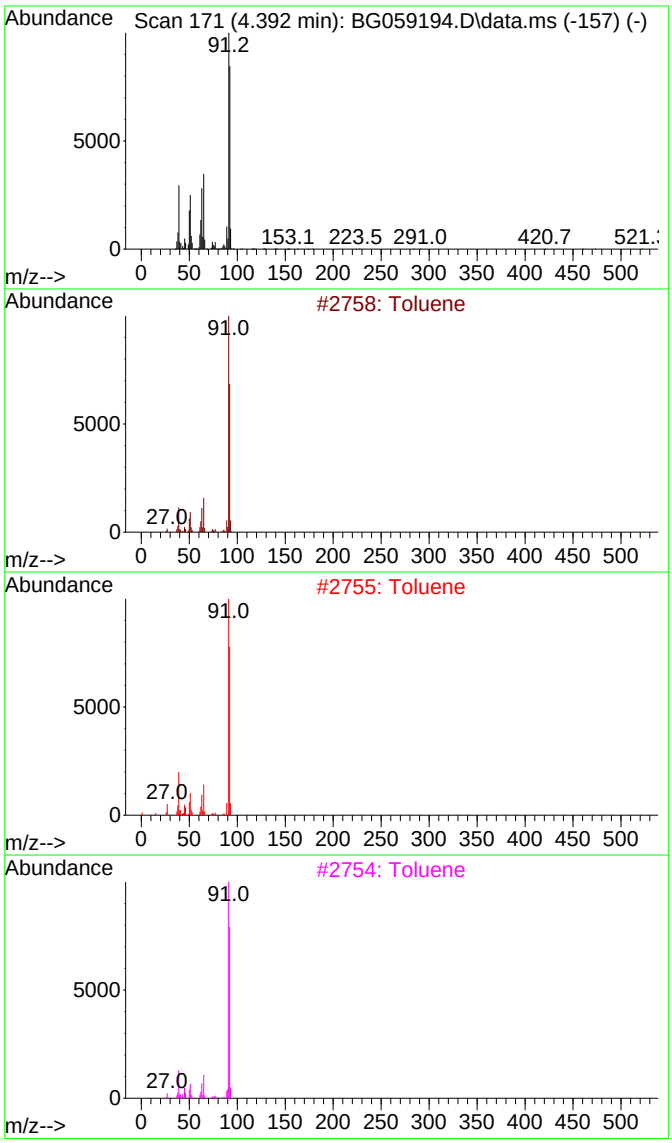
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

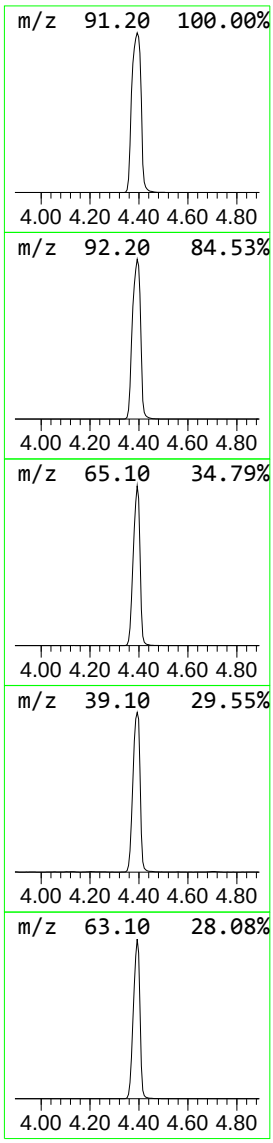
****

Peak Number 1 Toluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.392	776.33 ng/ul	34742000	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	97
2	Toluene	92	C7H8	000108-88-3	94
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	90
5	Toluene	92	C7H8	000108-88-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

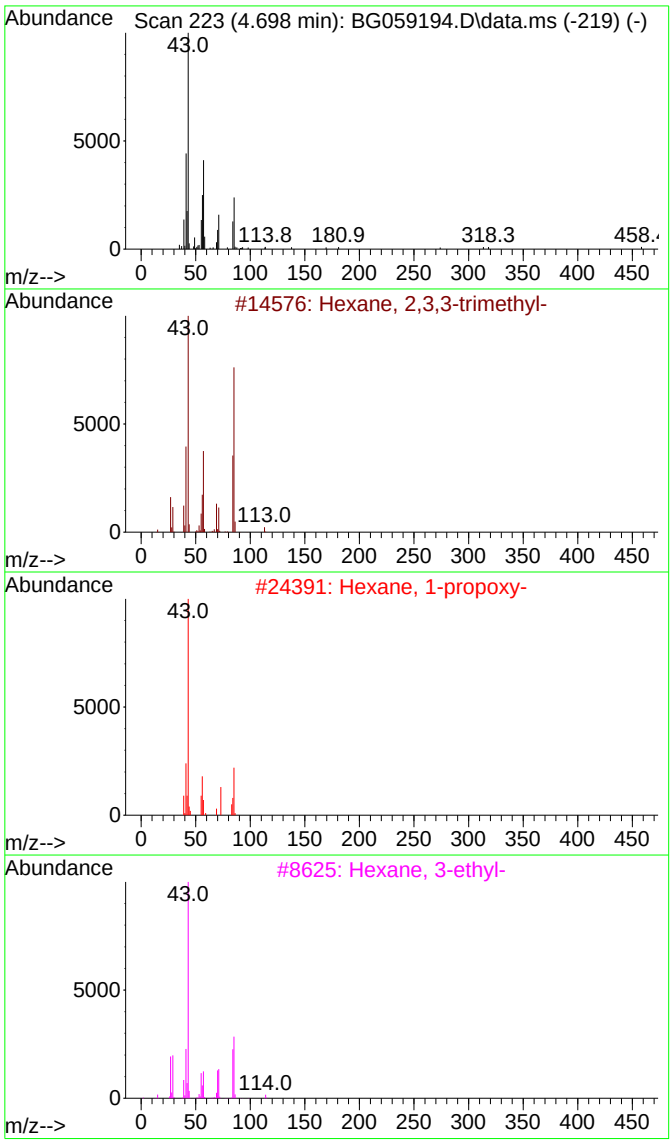
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

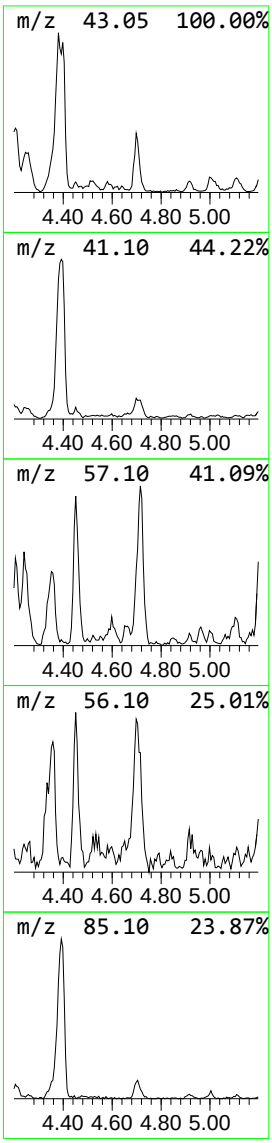
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.698	4.55 ng/ul	203421	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64
2	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	50
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	46
4	Oxalic acid, dodecyl hexyl ester	342	C20H38O4	1000309-24-6	42
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
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Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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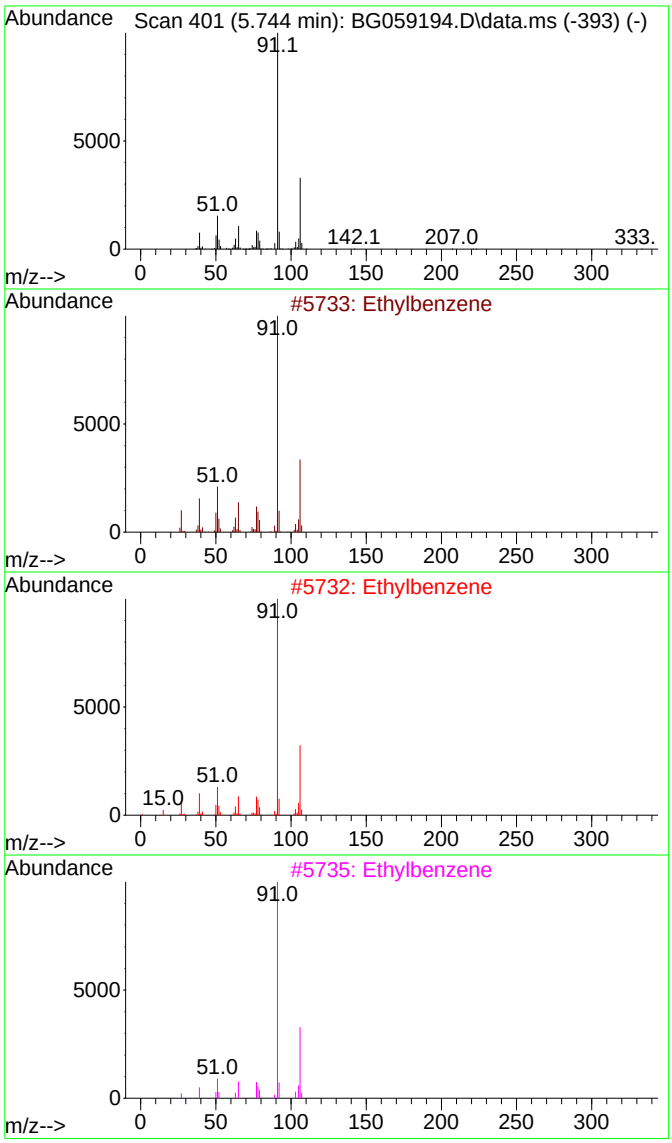
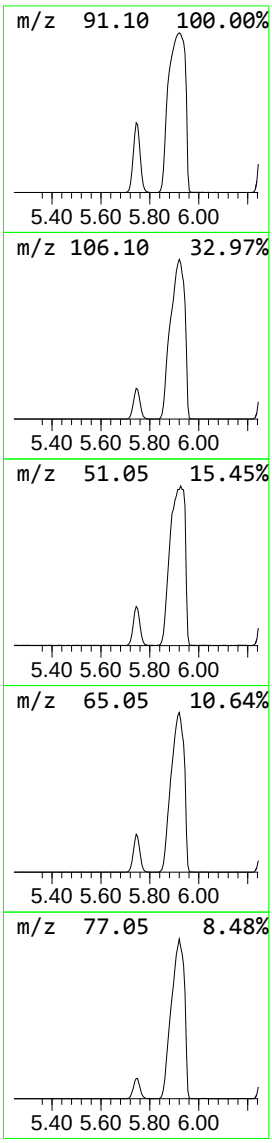
Peak Number 3 Ethylbenzene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.744	174.12 ng/ul	7792020	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	95
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	o-Xylene	106	C8H10	000095-47-6	81





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

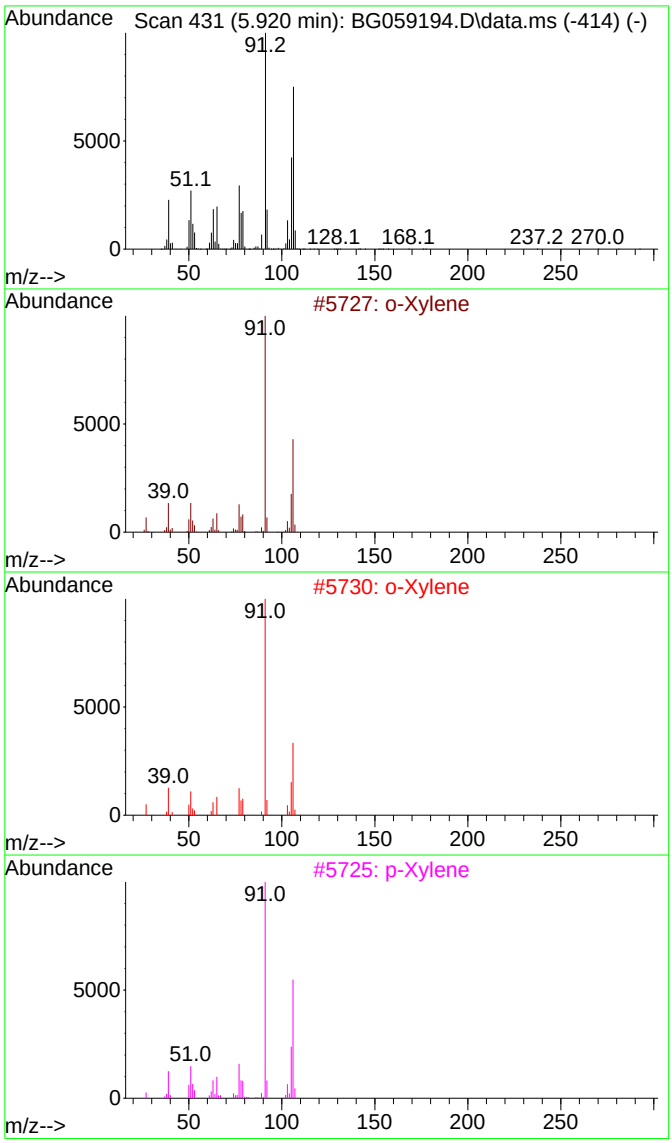
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

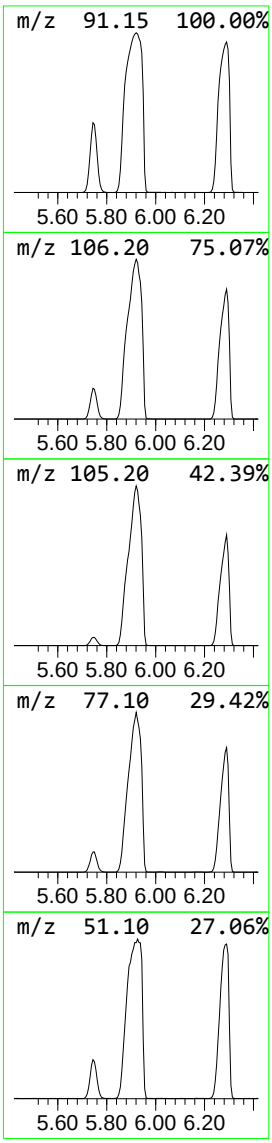
****

Peak Number 4 o-Xylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.920	1694.43 ng/ul	75828800	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	93
2	o-Xylene	106	C8H10	000095-47-6	93
3	p-Xylene	106	C8H10	000106-42-3	90
4	p-Xylene	106	C8H10	000106-42-3	87
5	o-Xylene	106	C8H10	000095-47-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

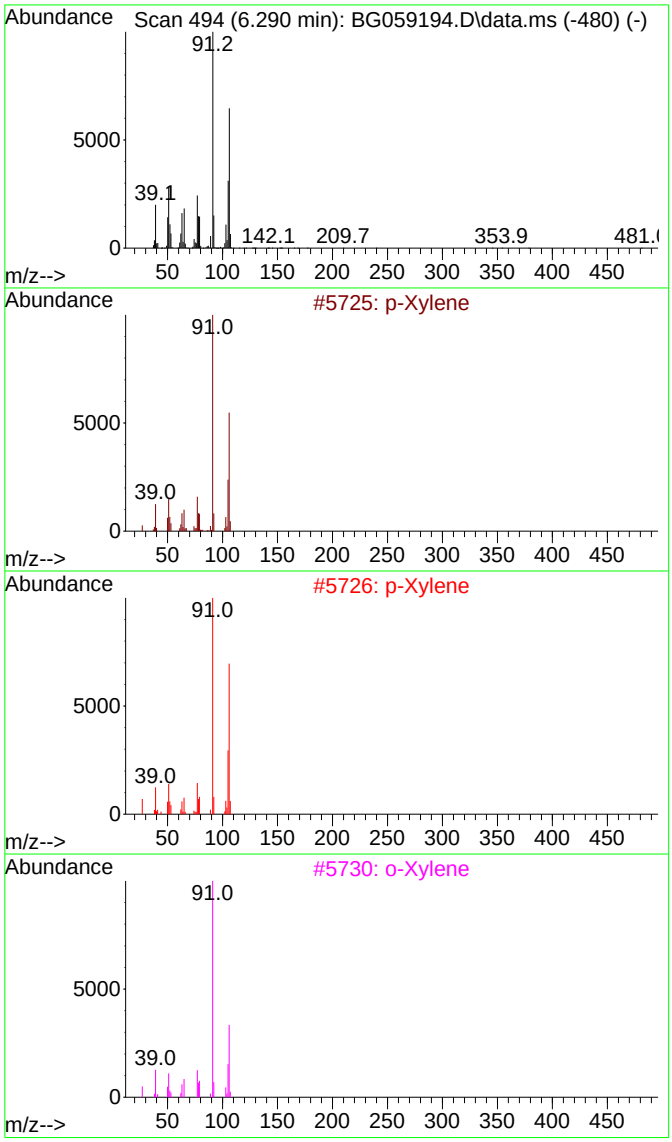
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

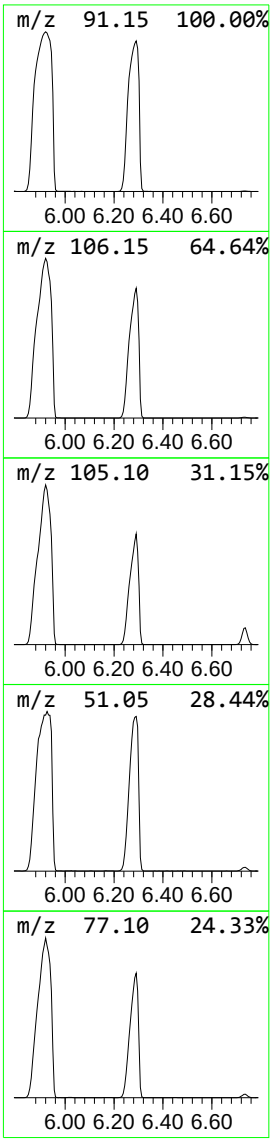
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 p-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.290	913.84 ng/ul	40896000	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	94
2	p-Xylene	106	C8H10	000106-42-3	91
3	o-Xylene	106	C8H10	000095-47-6	91
4	o-Xylene	106	C8H10	000095-47-6	91
5	o-Xylene	106	C8H10	000095-47-6	90





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Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

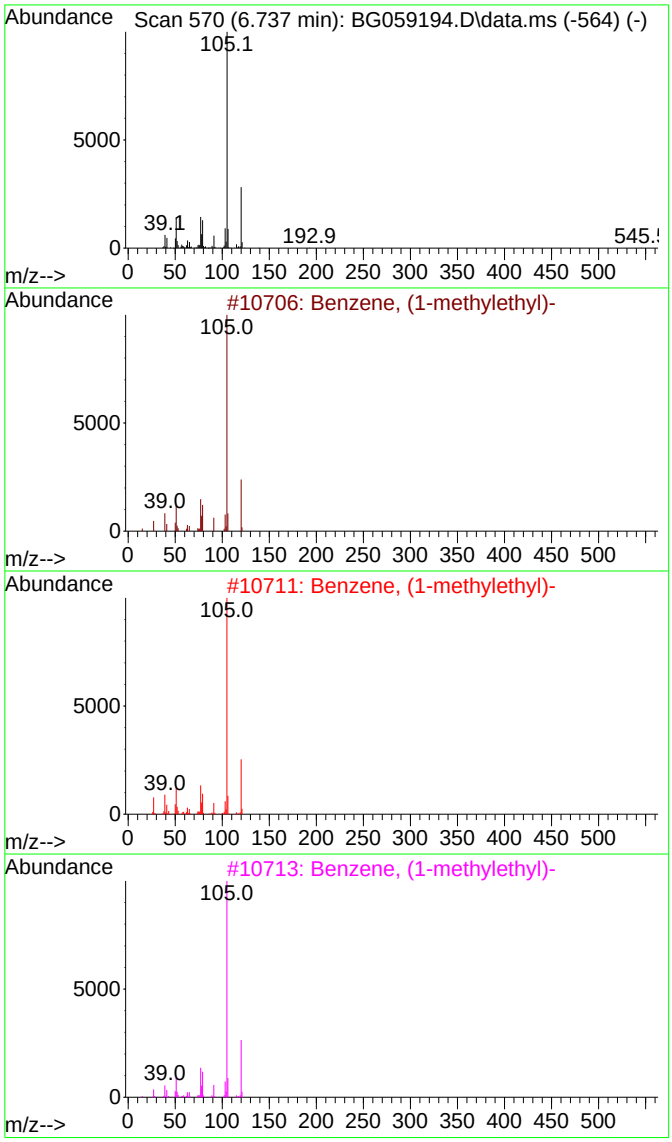
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

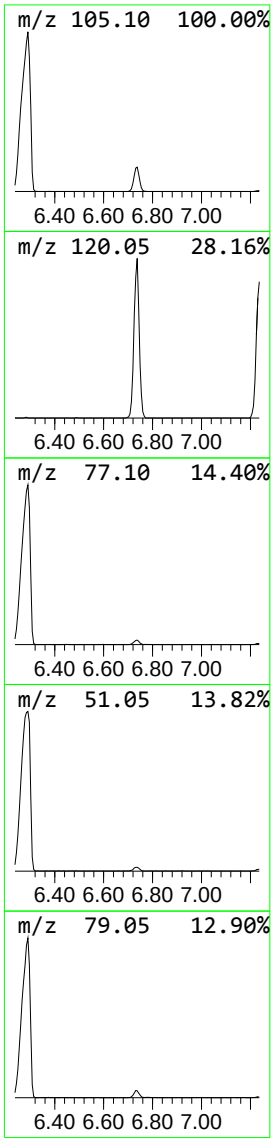
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.737	15.21 ng/ul	680721	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

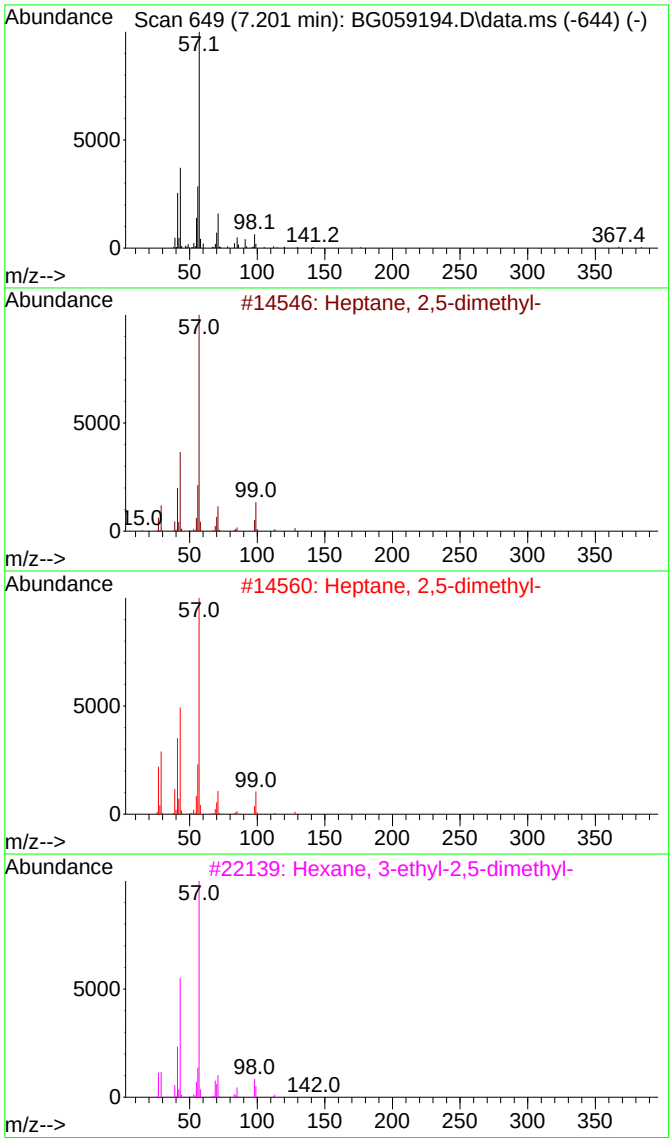
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

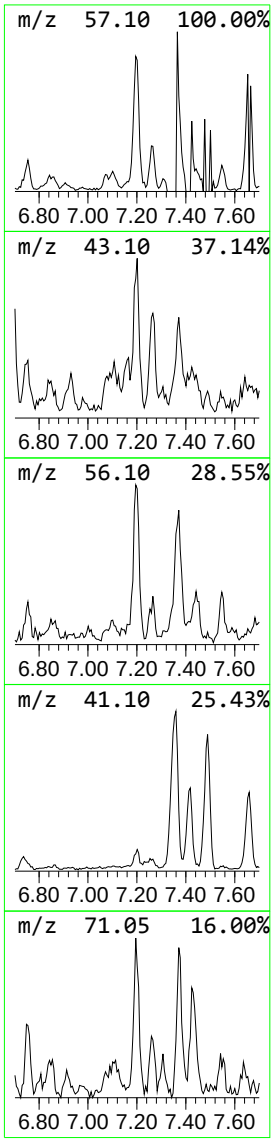
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.201	3.92 ng/ul	175423	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	50
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50





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Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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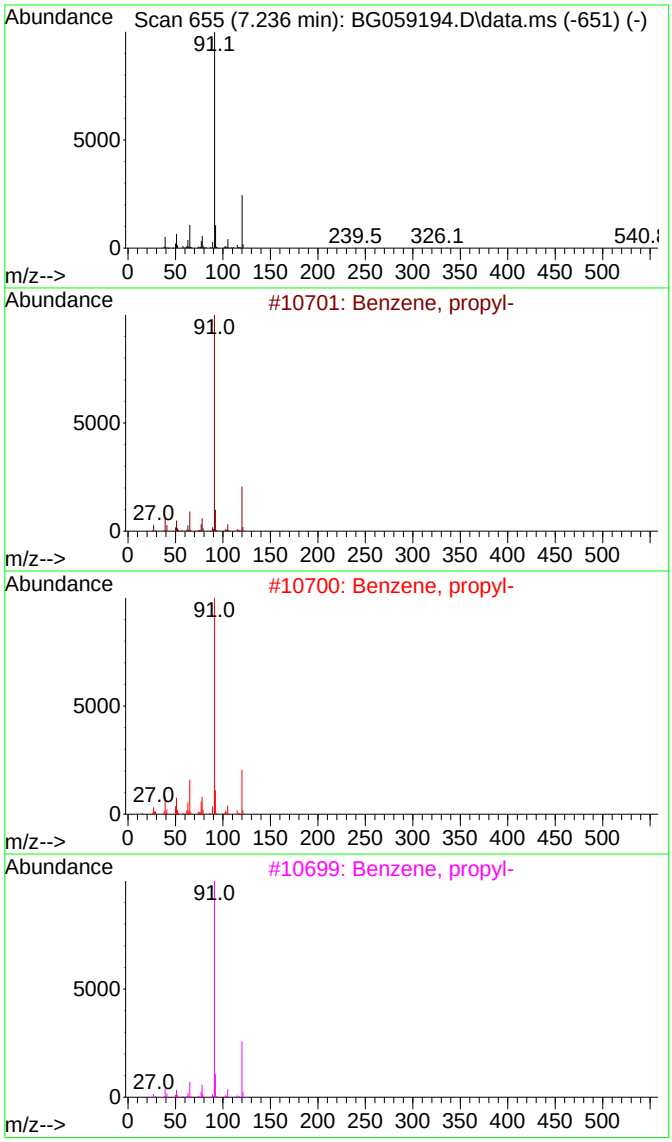
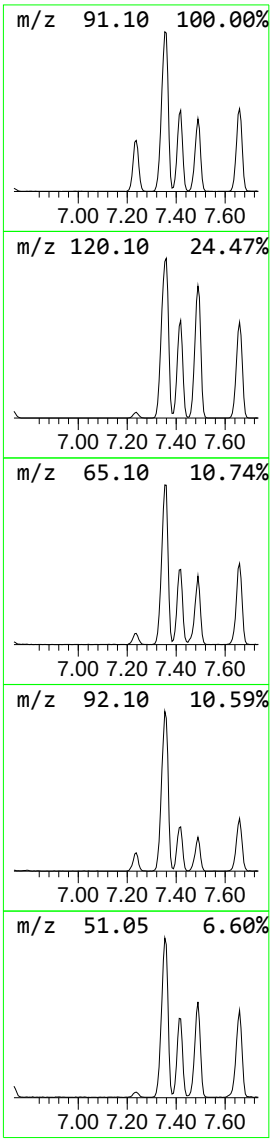
Peak Number 8 Benzene, propyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.236	13.78 ng/ul	616520	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	72
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





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Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

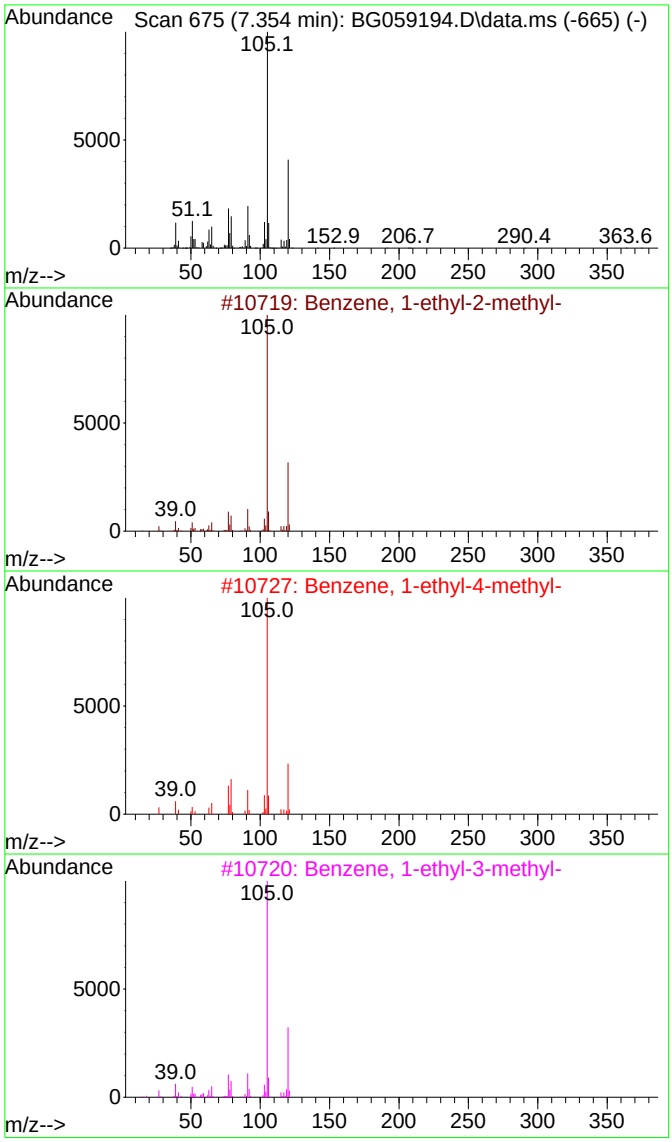
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

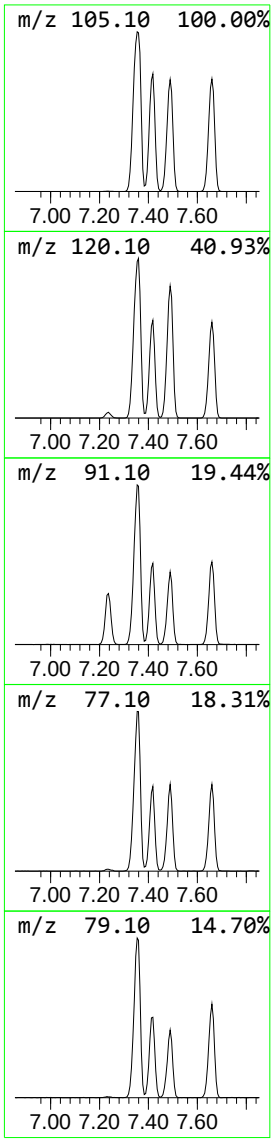
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.354	410.29 ng/ul	18361400	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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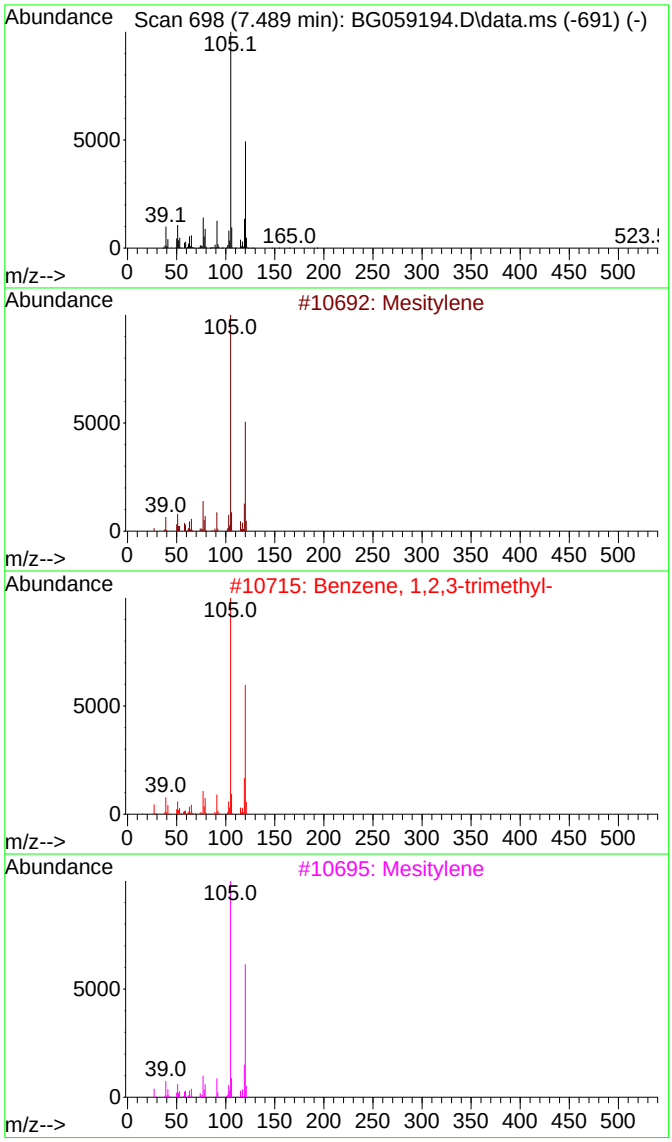
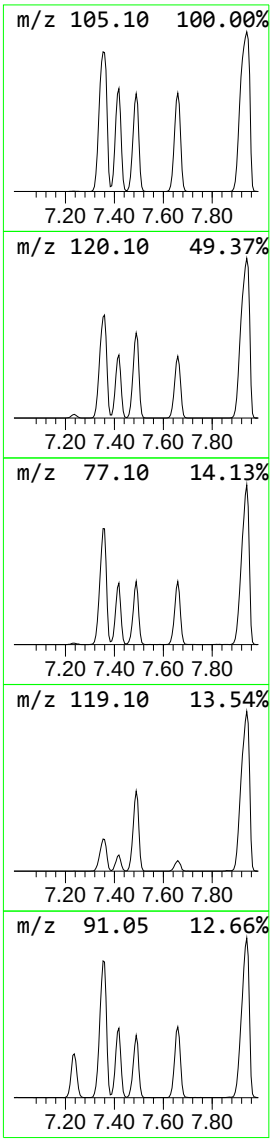
Peak Number 10 Mesitylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.489	216.62 ng/ul	9693990	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	94





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Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

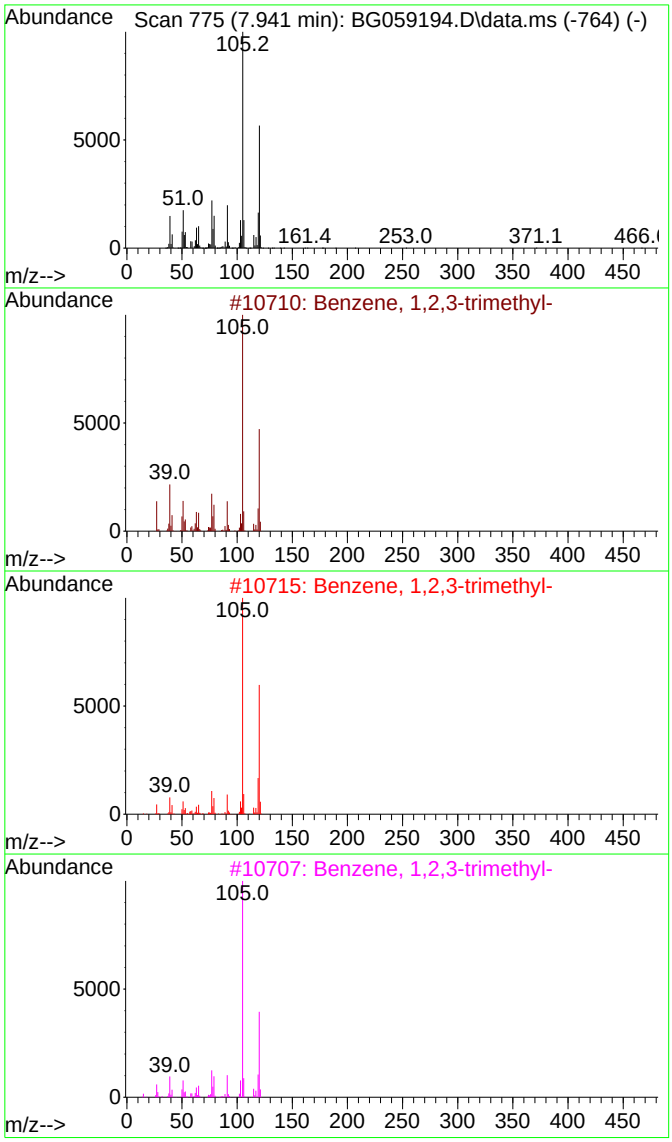
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

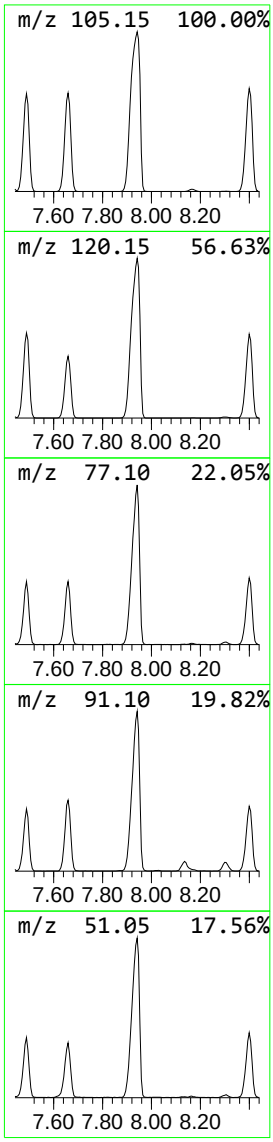
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.941	652.31 ng/ul	29192200	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

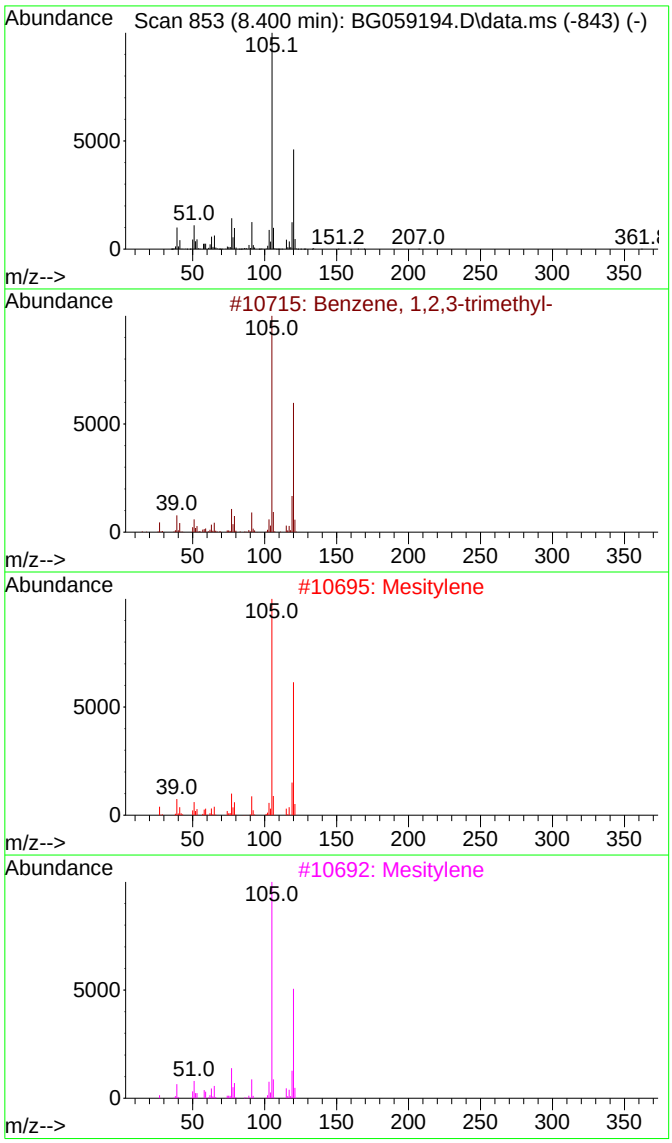
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

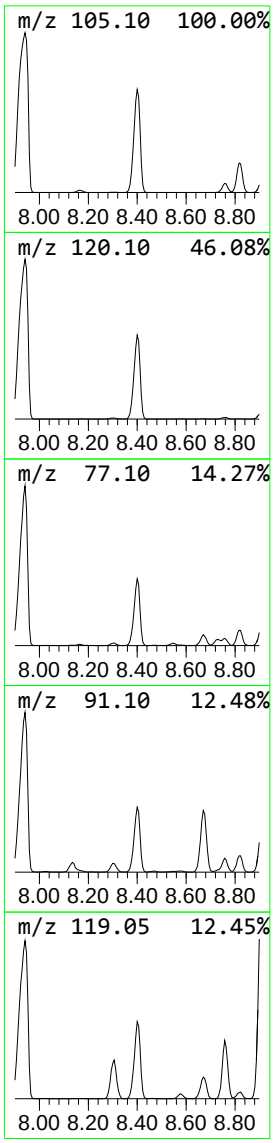
****

Peak Number 13 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.400	246.33 ng/ul	11023600	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Mesitylene	120	C9H12	000108-67-8	97
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
5	Mesitylene	120	C9H12	000108-67-8	94





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Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

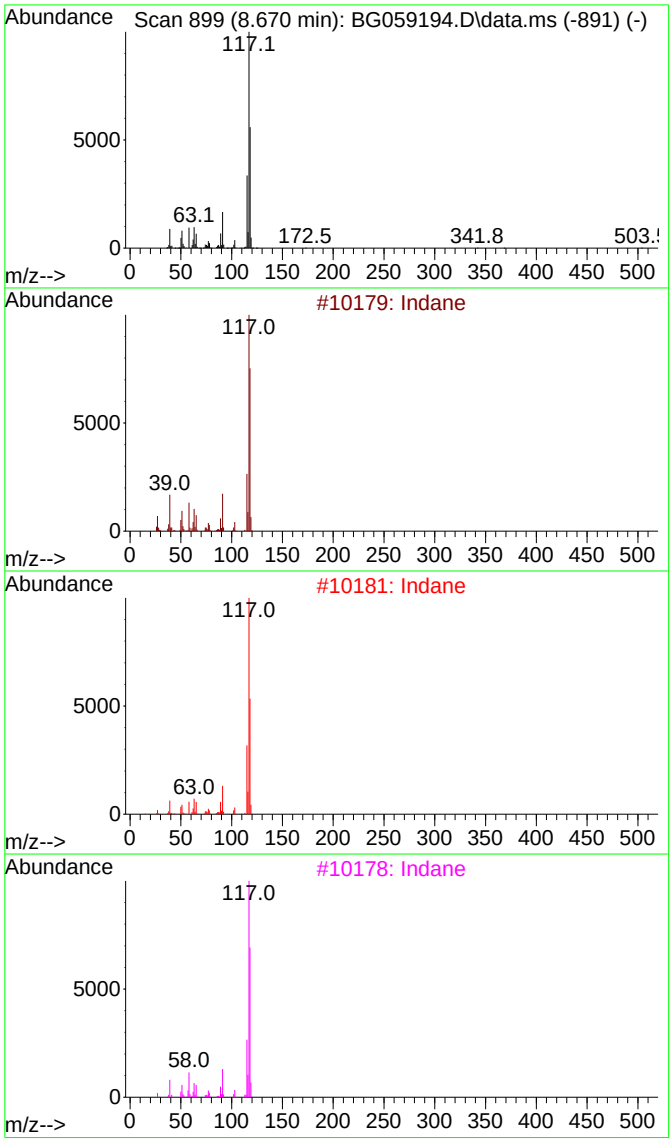
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

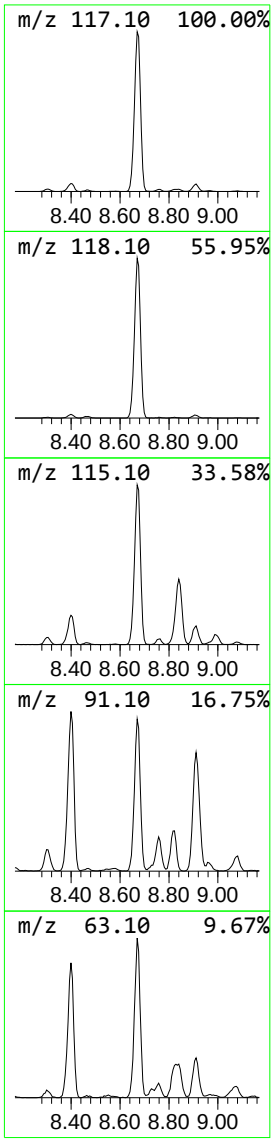
****

Peak Number 16 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.670	170.60 ng/ul	7634410	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	96
2	Indane	118	C9H10	000496-11-7	90
3	Indane	118	C9H10	000496-11-7	81
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64





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Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

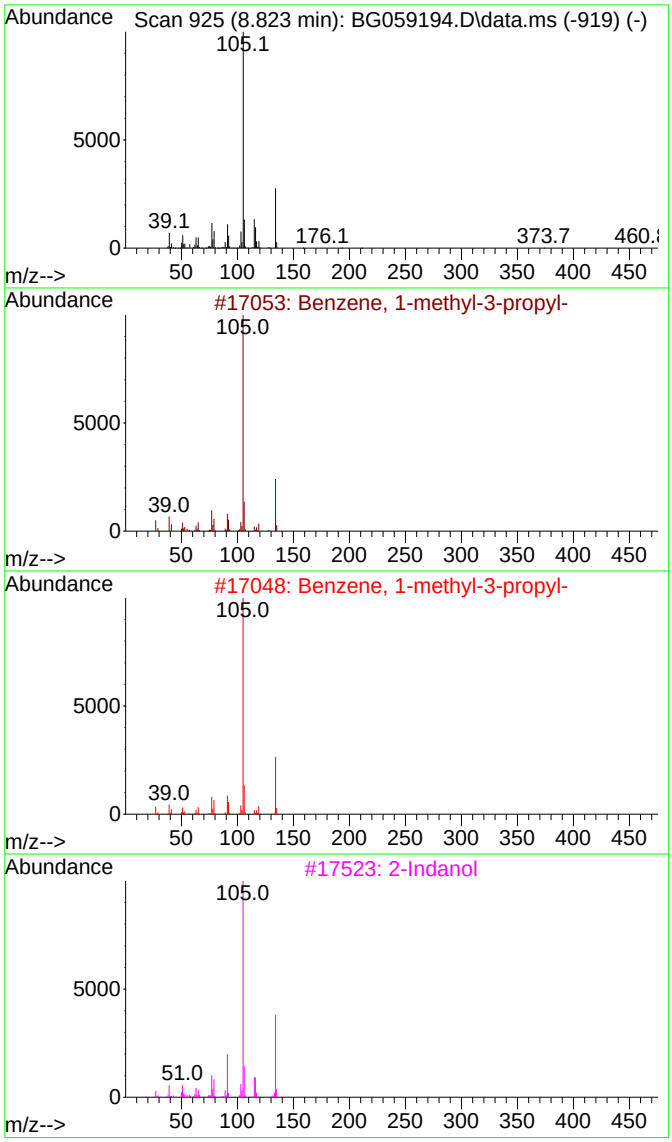
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

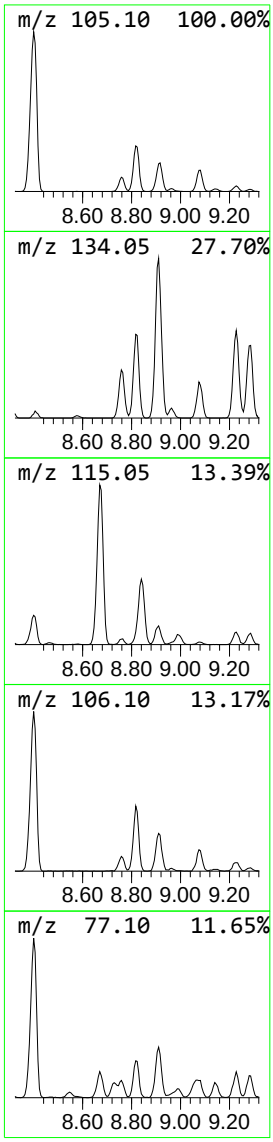
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-methyl-3-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.823	72.37 ng/ul	3238770	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
3	2-Indanol	134	C9H10O	004254-29-9	83
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76





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Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

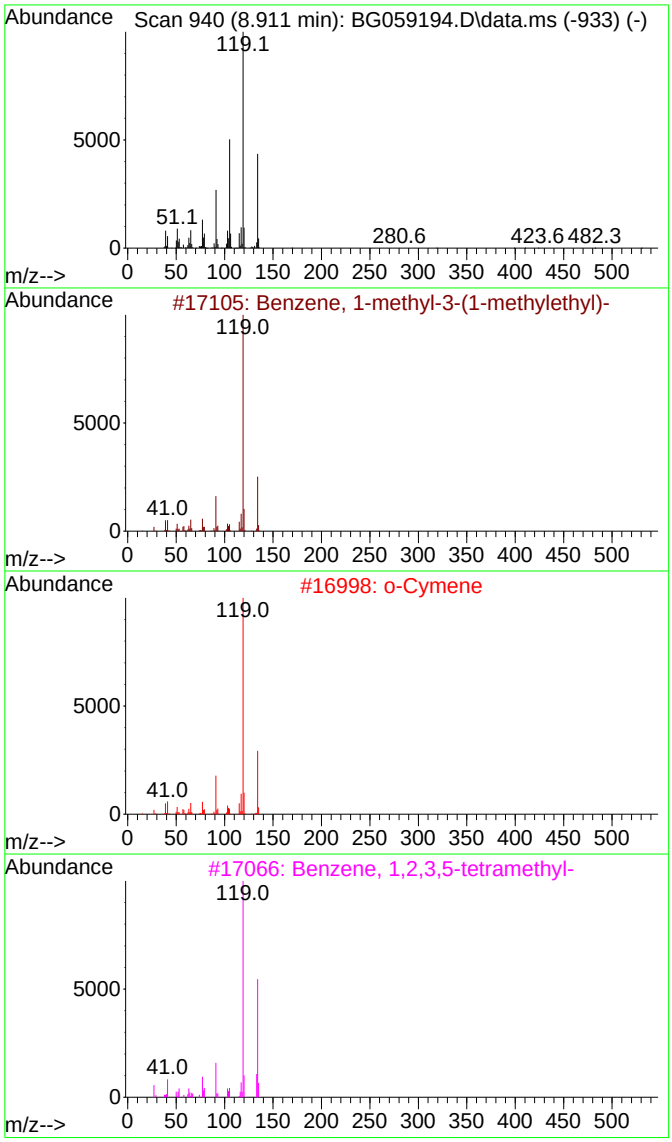
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

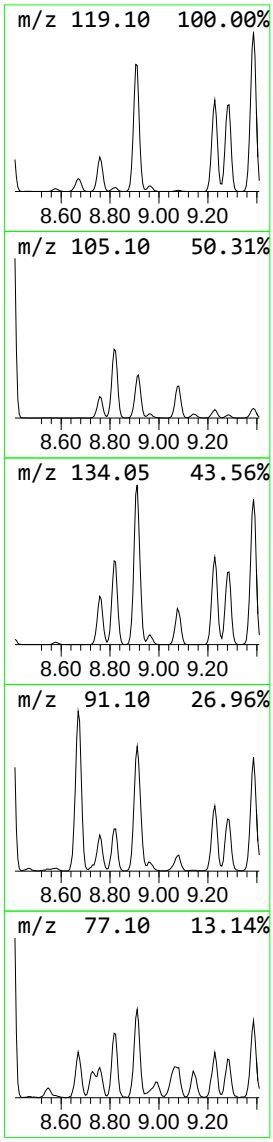
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.911	100.95 ng/ul	4517630	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

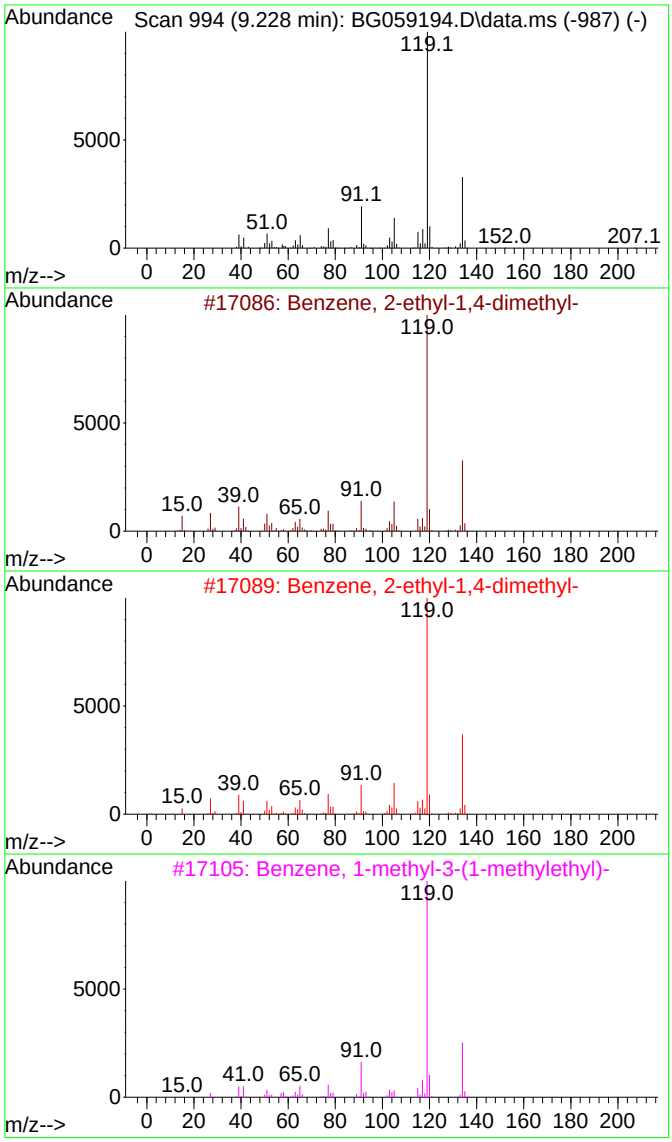
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

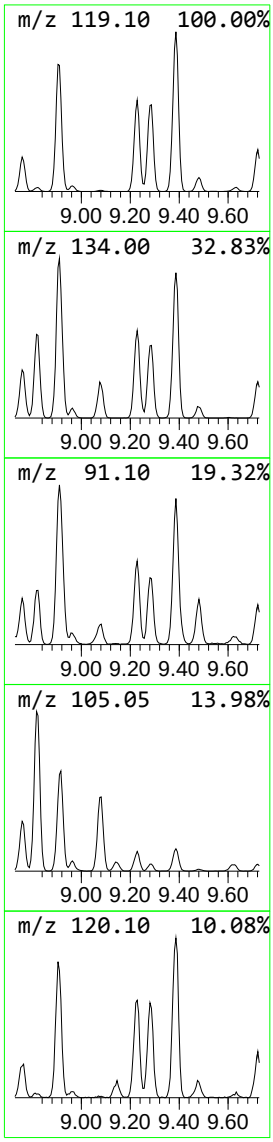
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	52.45 ng/ul	2347170	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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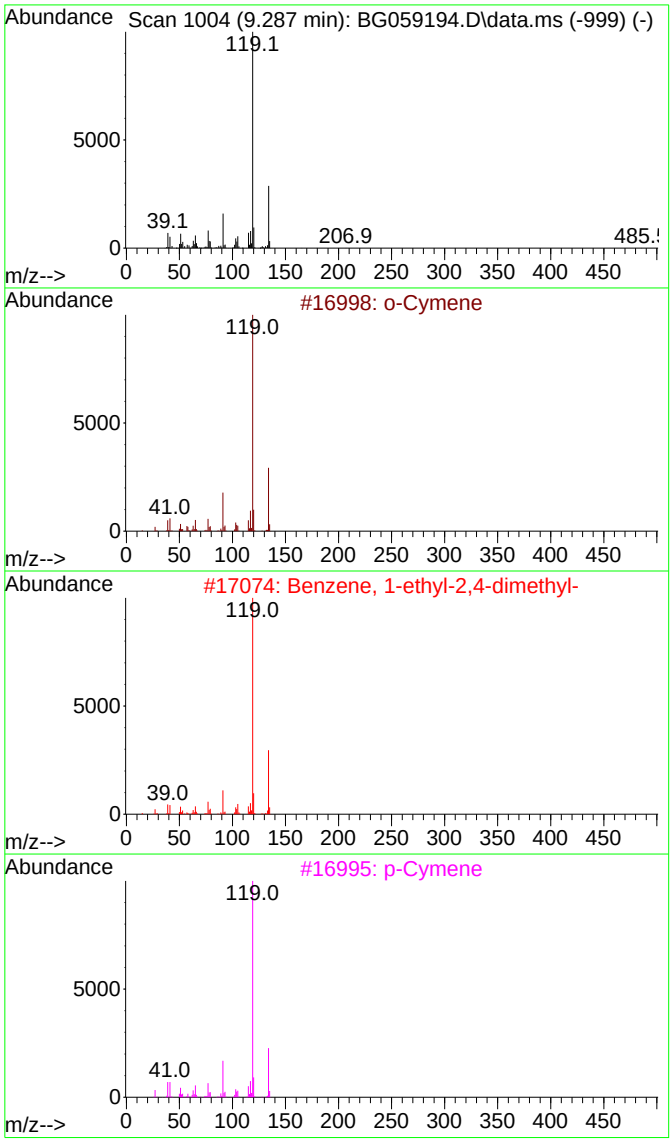
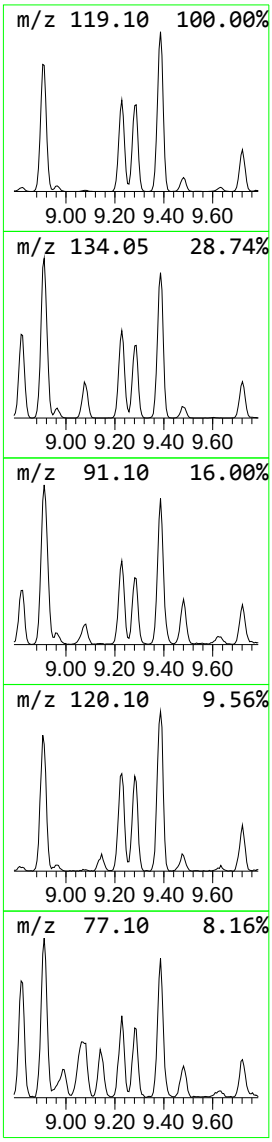
Peak Number 20 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.287	48.20 ng/ul	2157030	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

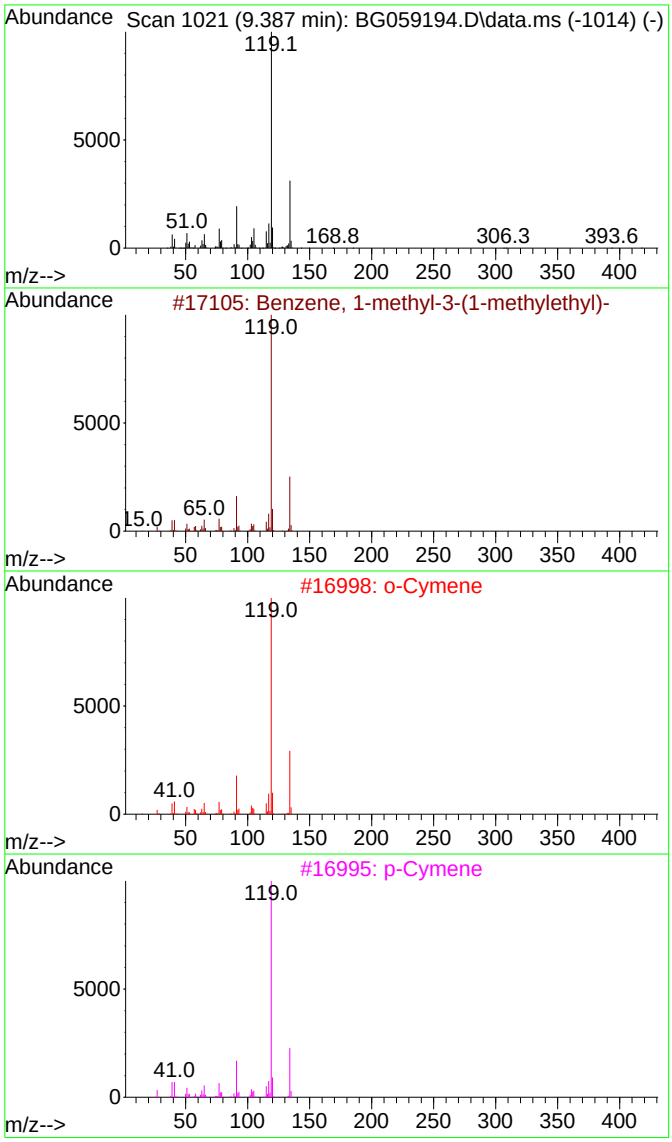
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

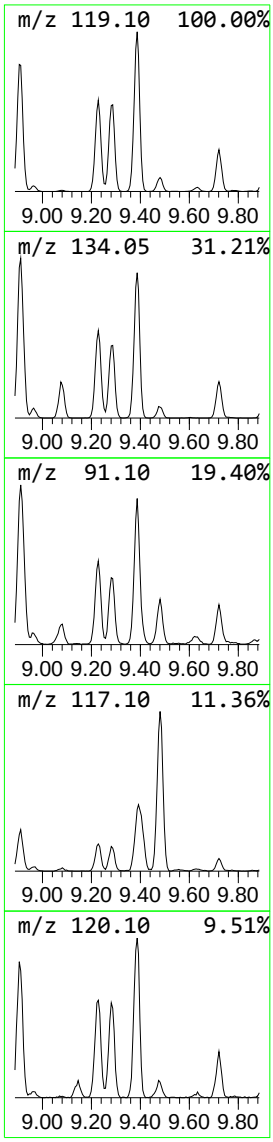
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 p-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.387	94.63 ng/ul	4235020	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

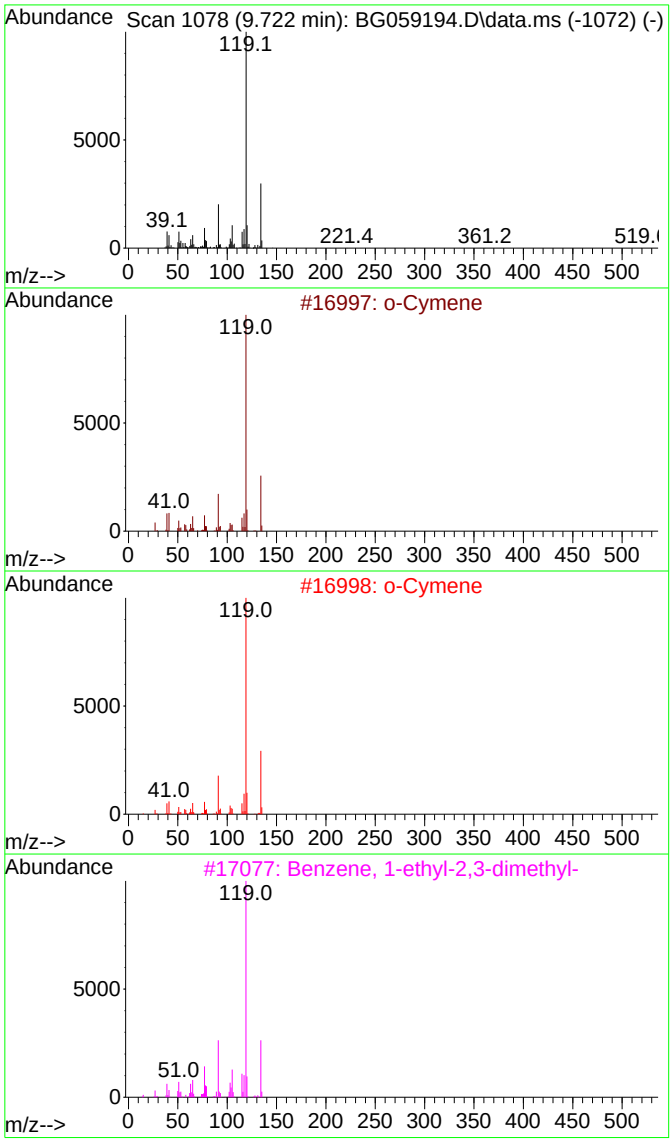
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

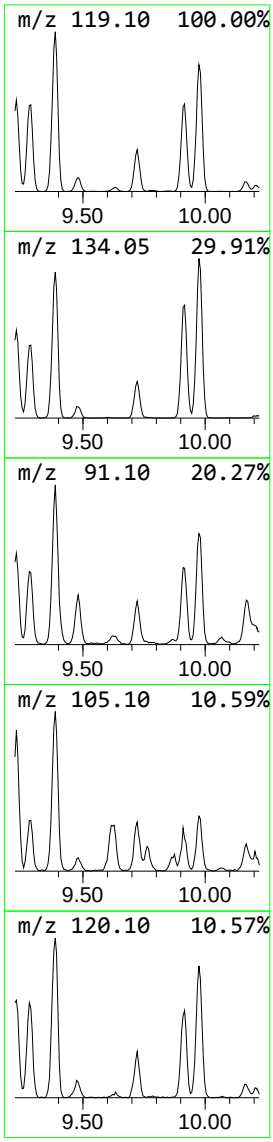
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.722	26.30 ng/ul	1176930	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

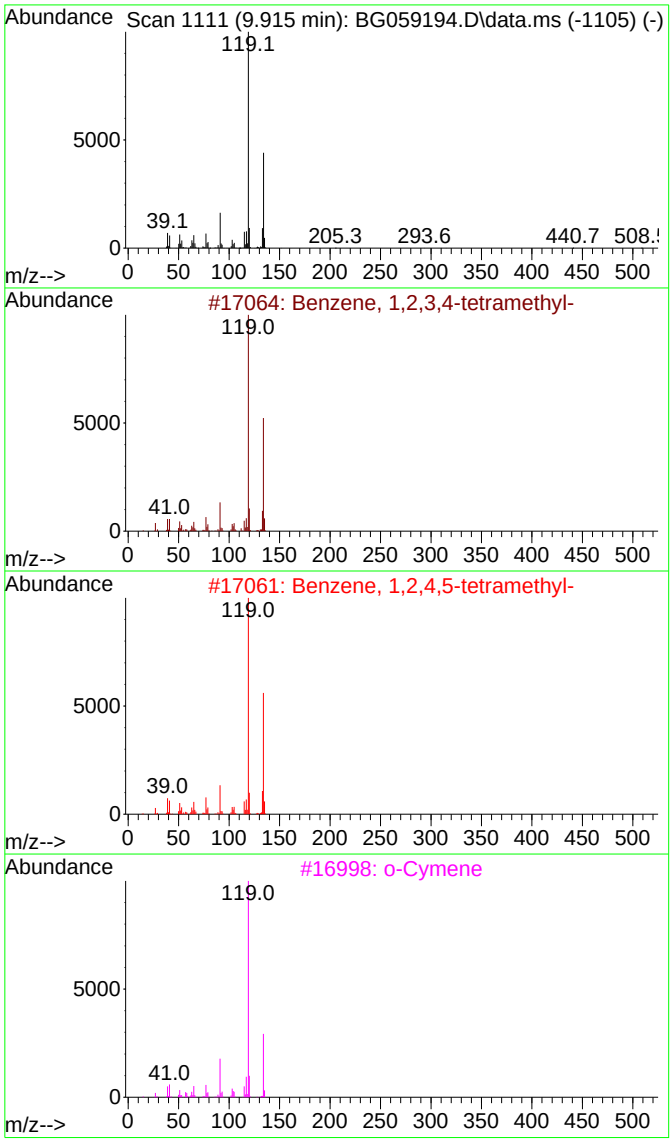
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

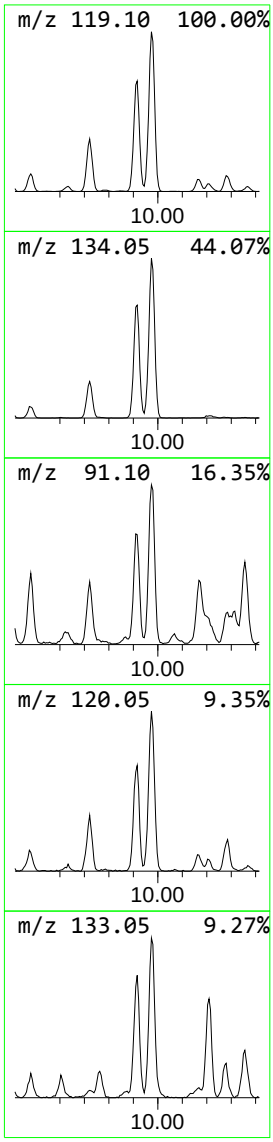
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.915	39.62 ng/ul	2151660	Naphthalene-d8	11.149

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

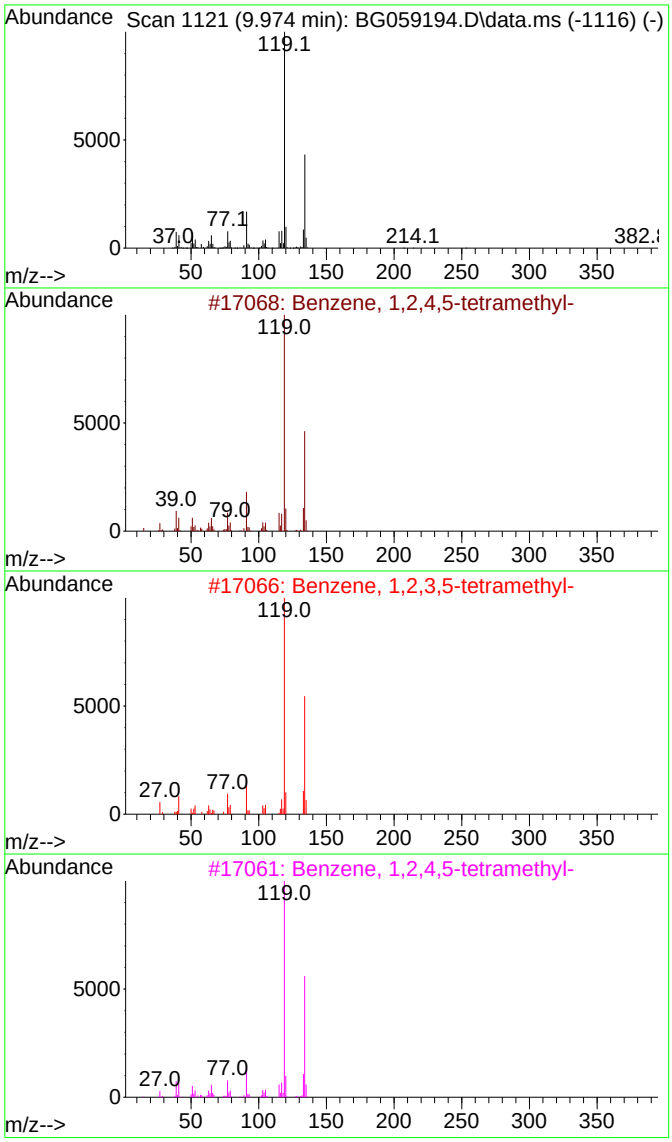
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

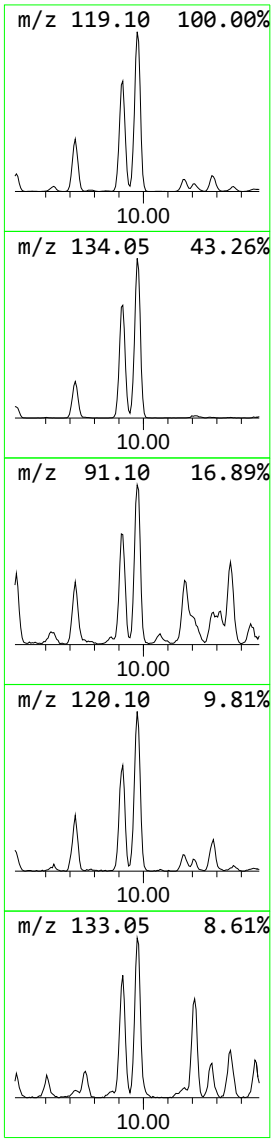
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.974	61.92 ng/ul	3362860	Naphthalene-d8	11.149

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





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Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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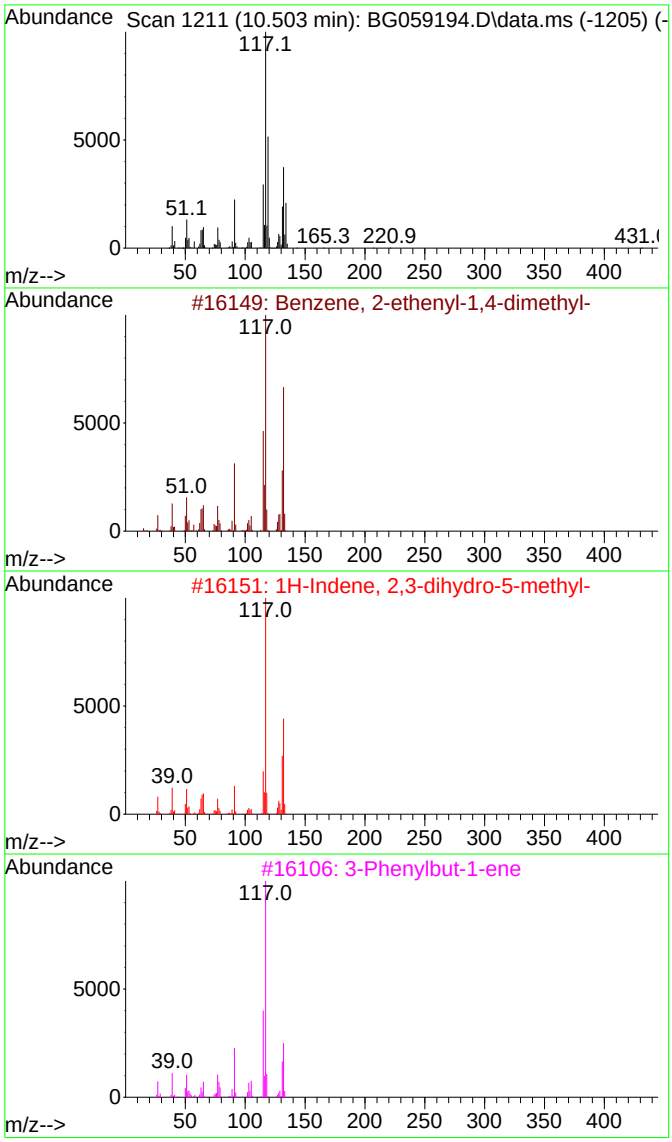
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

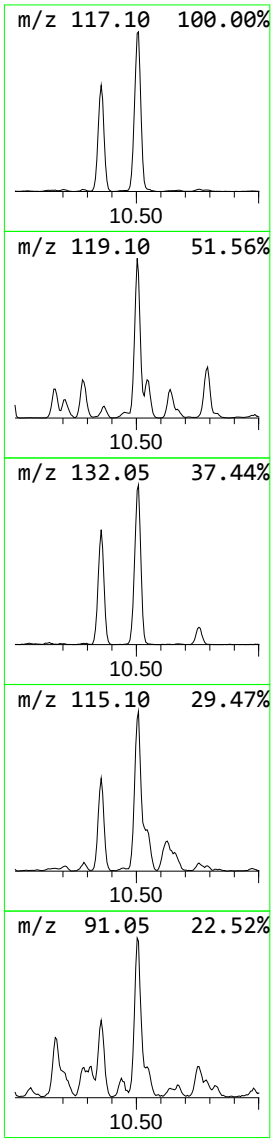
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.503	80.38 ng/ul	4365560	Naphthalene-d8	11.149

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70





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Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

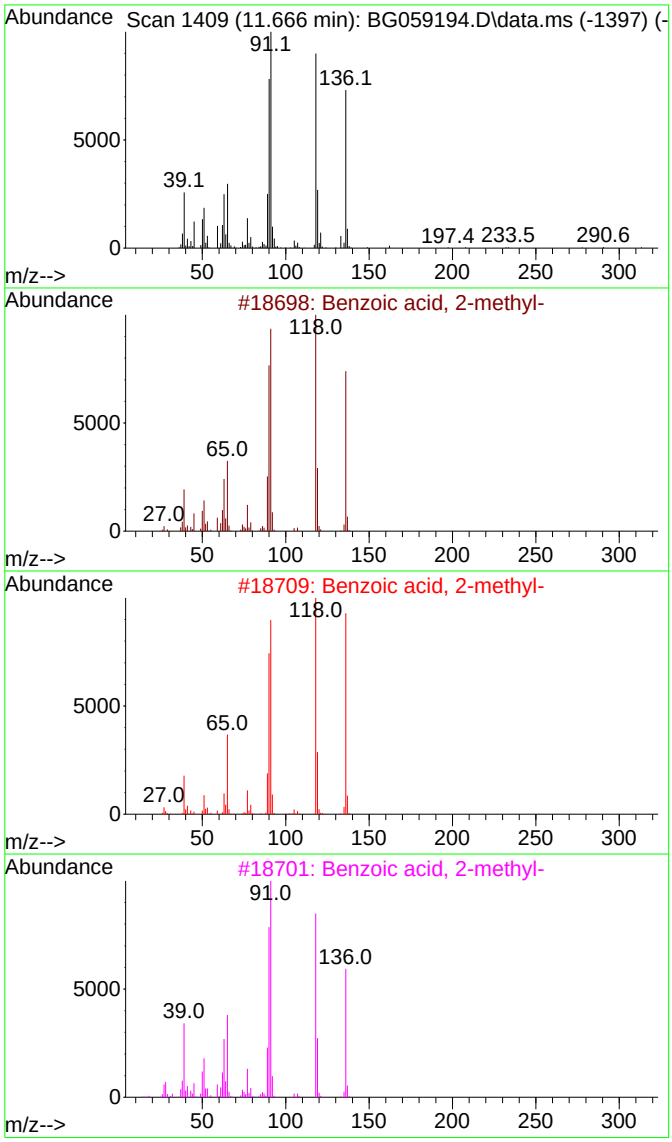
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

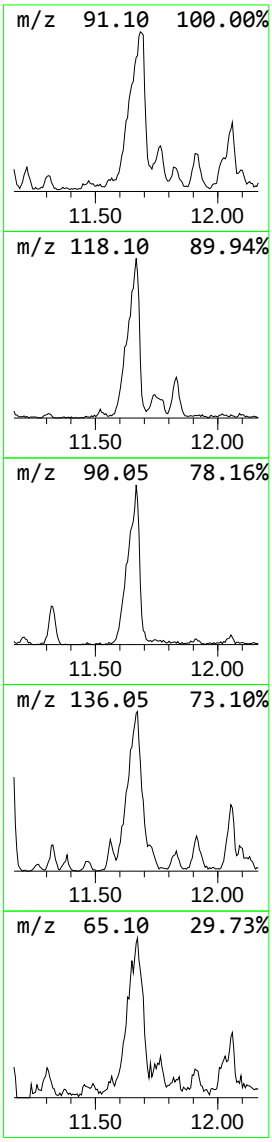
****

Peak Number 33 Benzoic acid, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.666	28.79 ng/ul	1563630	Naphthalene-d8	11.149

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	95
2	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	95
3	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	95
4	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	94
5	Benzenepropanoic acid, .alpha.-oxo-	164	C9H8O3	000156-06-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

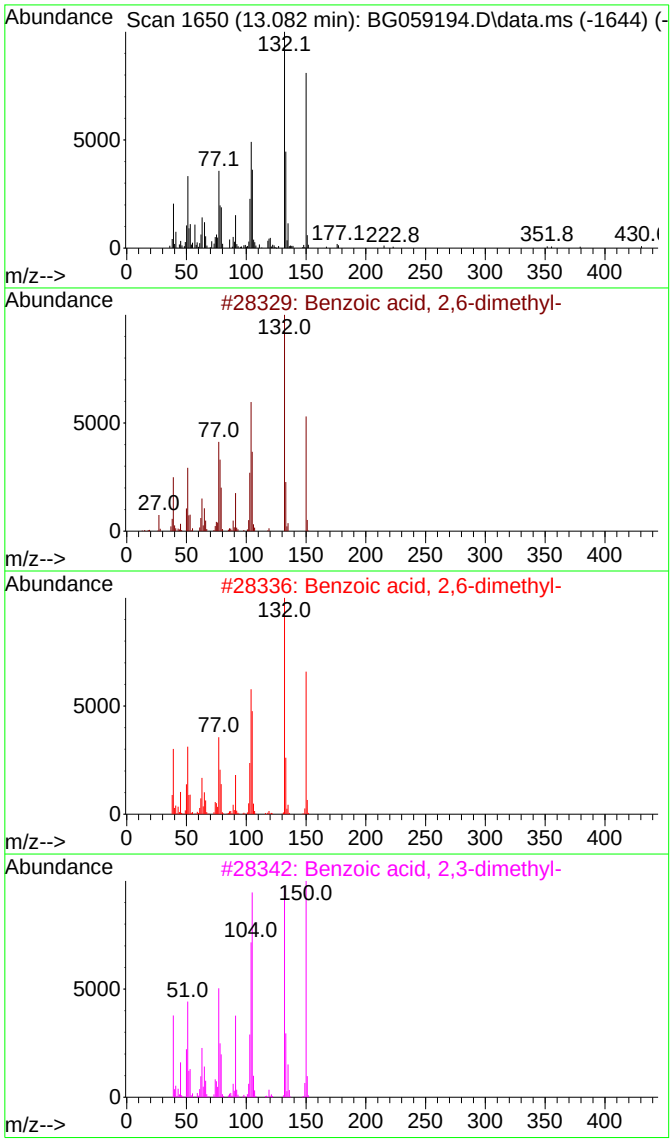
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

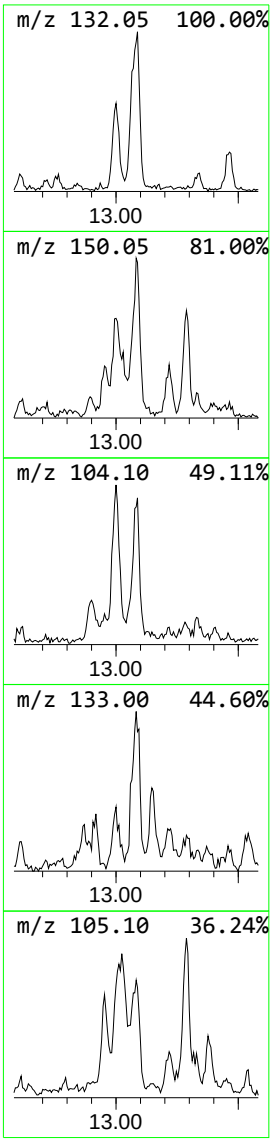
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzoic acid, 2,6-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.082	20.39 ng/ul	525779	Acenaphthene-d10	14.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,6-dimethyl-	150	C9H10O2	000632-46-2	90
2	Benzoic acid, 2,6-dimethyl-	150	C9H10O2	000632-46-2	90
3	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	89
4	Benzoic acid, 2,6-dimethyl-	150	C9H10O2	000632-46-2	87
5	Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	72





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Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

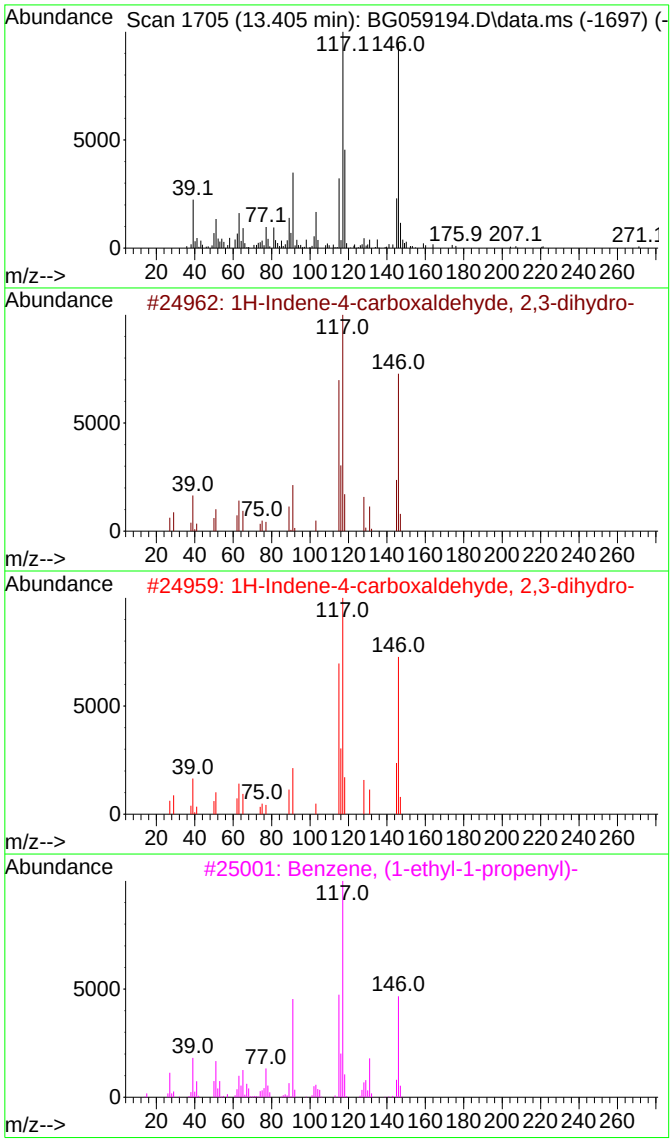
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

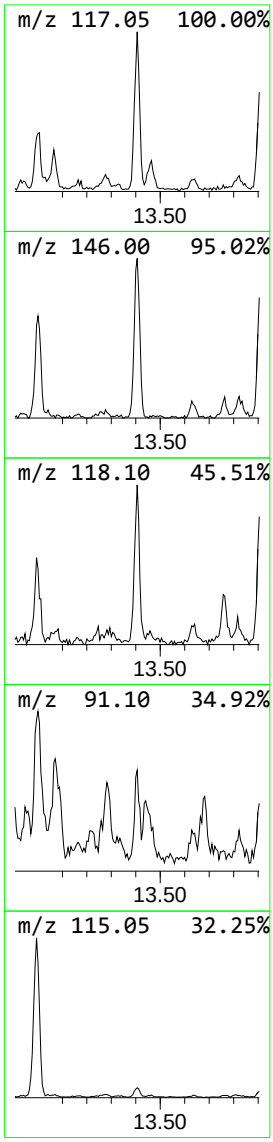
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 1H-Indene-4-carboxaldehyde,... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.405	13.18 ng/ul	339795	Acenaphthene-d10	14.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	76
2	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	76
3	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	64
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	58
5	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	50





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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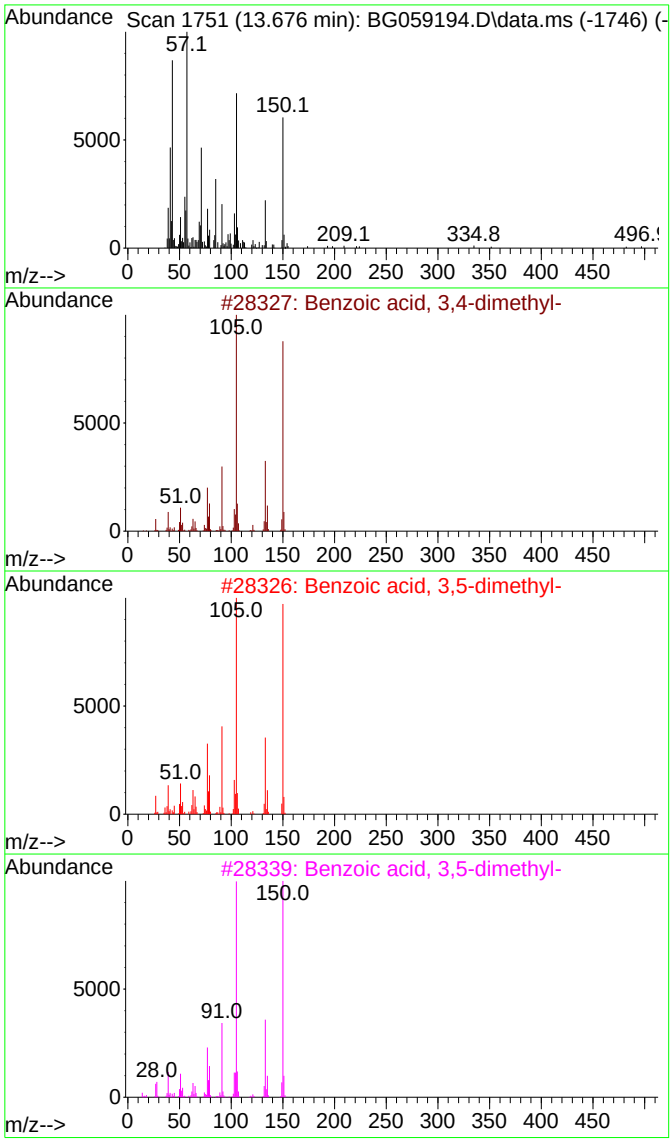
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

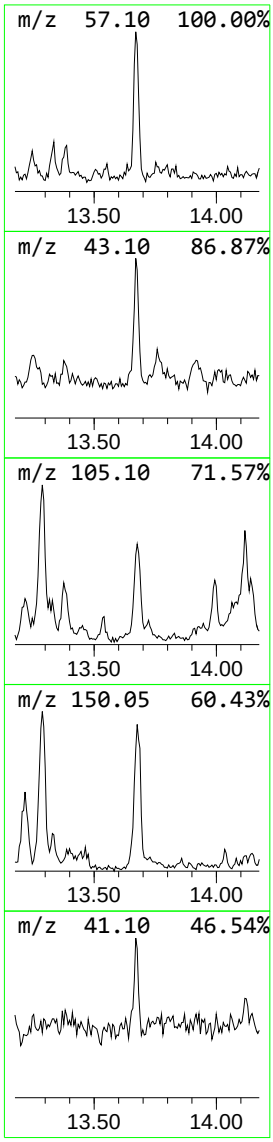
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzoic acid, 3,4-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	12.01 ng/ul	309682	Acenaphthene-d10	14.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	60
2	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	46
3	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	46
4	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	46
5	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	41





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

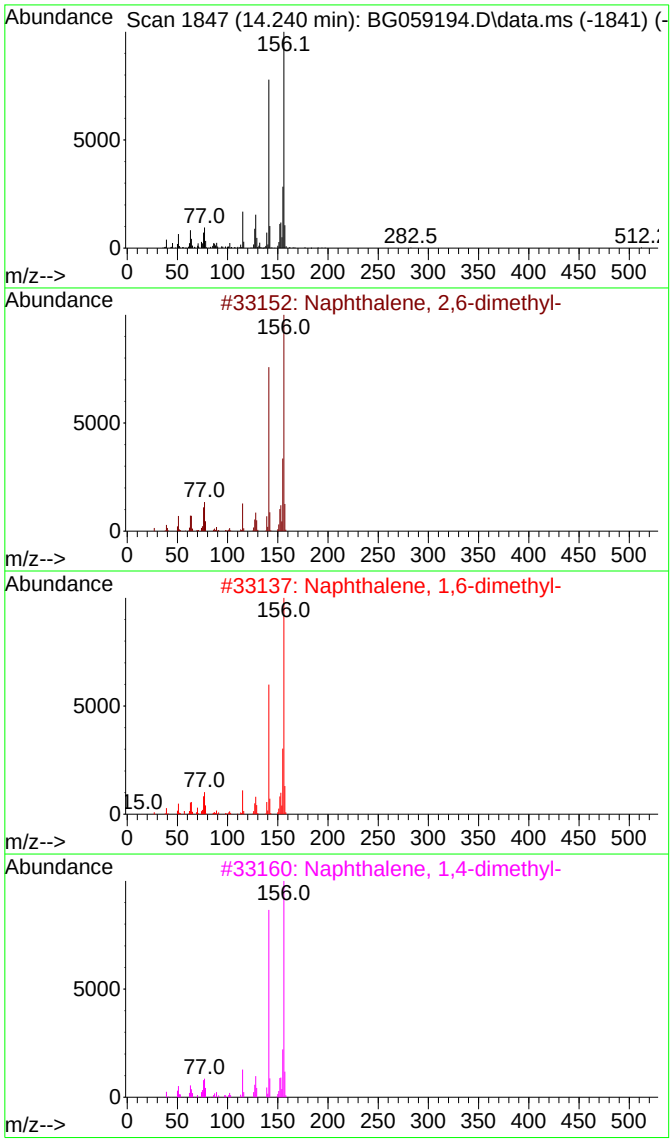
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

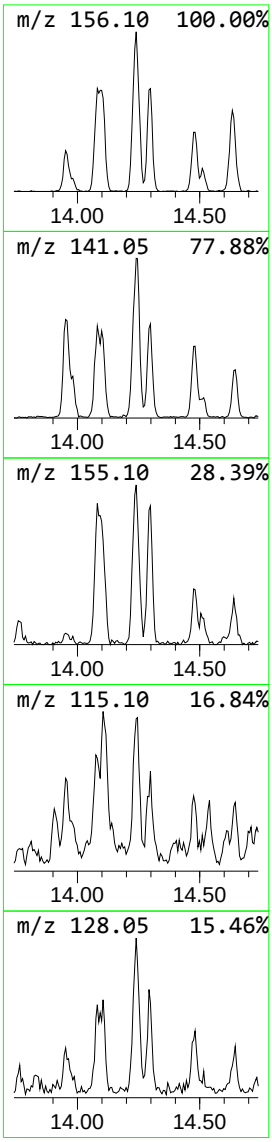
****

Peak Number 48 Naphthalene, 2,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.240	20.50 ng/ul	528635	Acenaphthene-d10	14.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Acq On : 26 Sep 2023 12:16
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Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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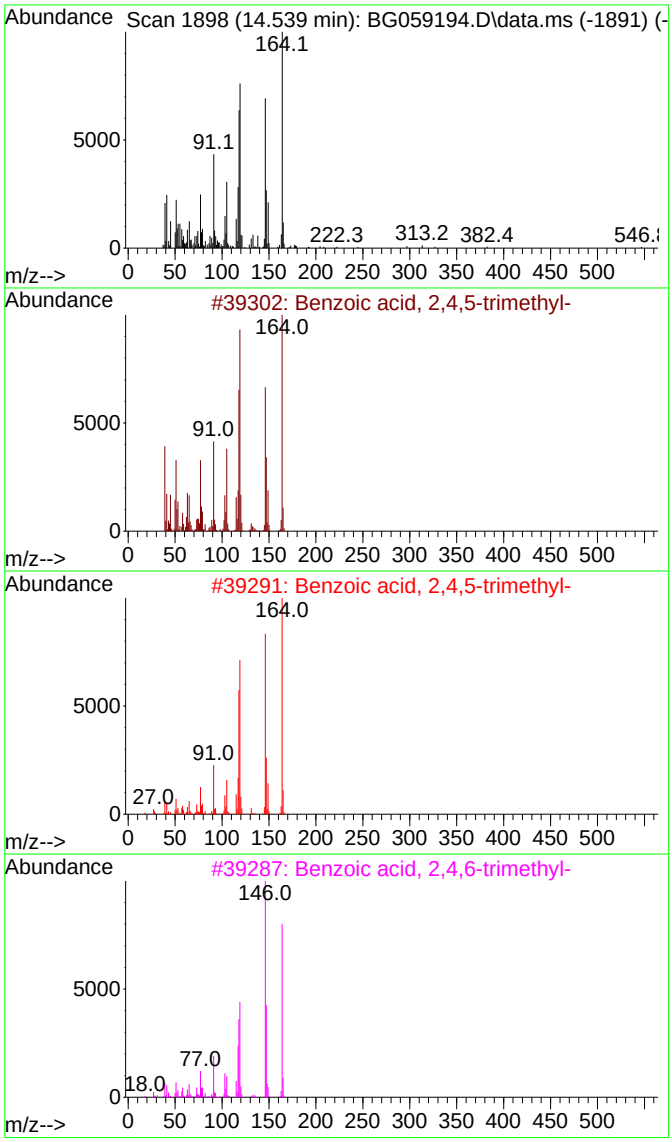
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

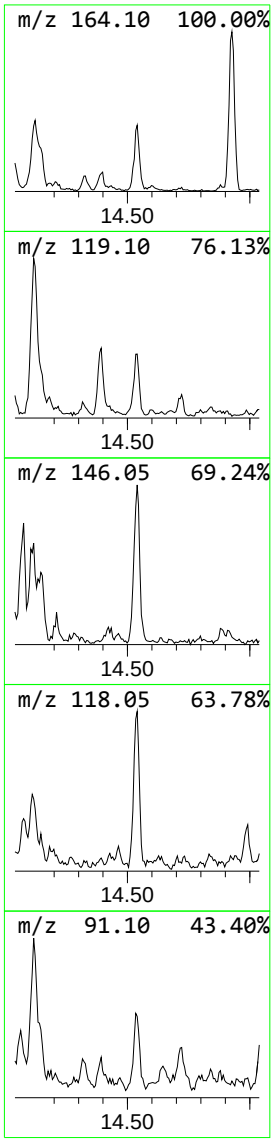
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	20.58 ng/ul	530585	Acenaphthene-d10	14.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	93
2	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	90
3	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	58
4	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	49
5	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	49





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Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

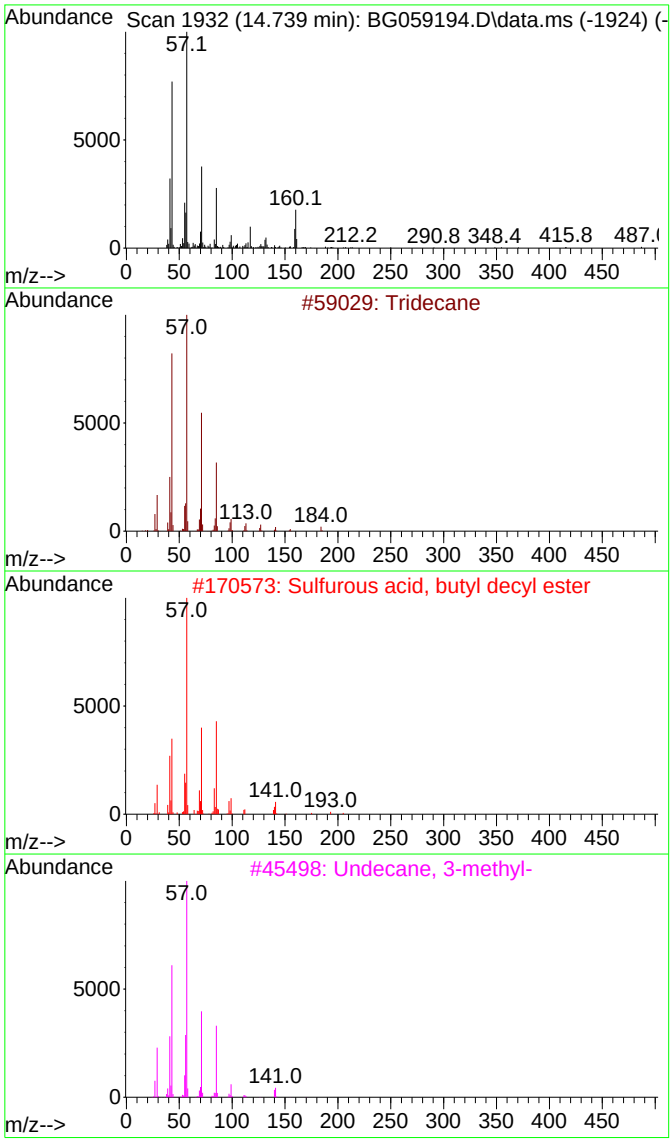
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

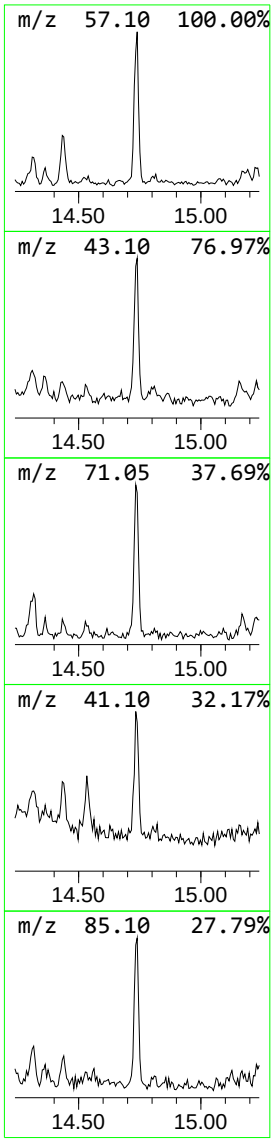
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	19.64 ng/ul	506414	Acenaphthene-d10	14.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	47
2	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	47
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	47
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	47
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47





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Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

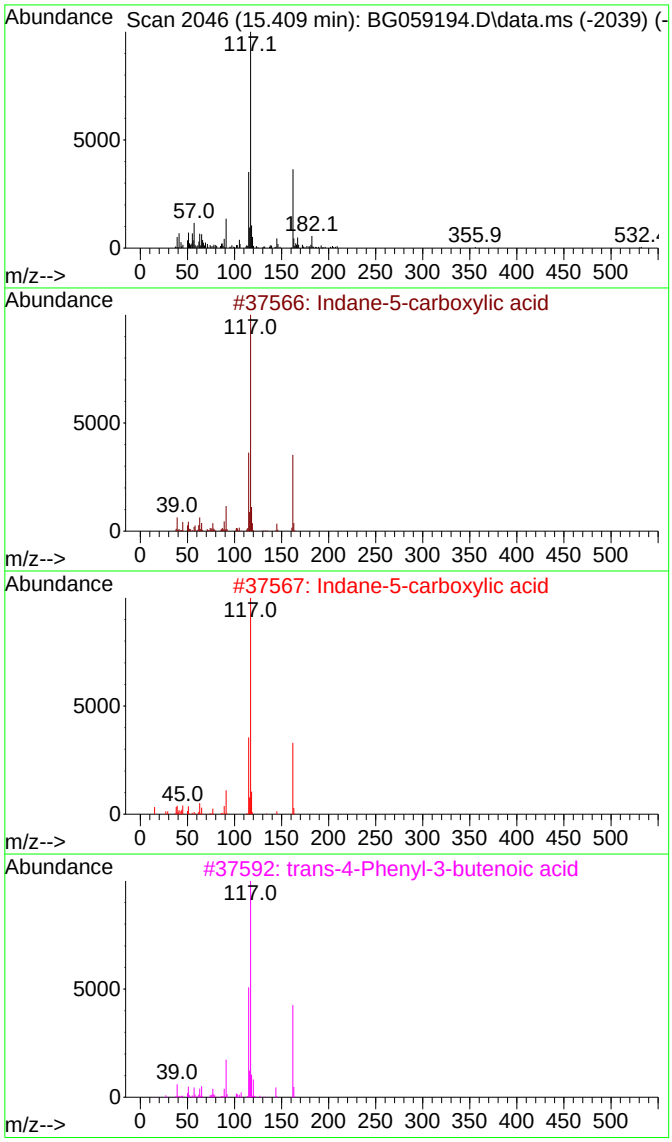
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

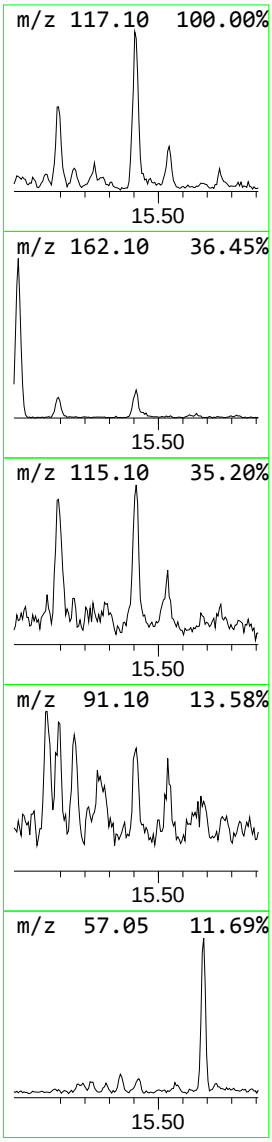
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Indane-5-carboxylic acid Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.409	14.11 ng/ul	363852	Acenaphthene-d10	14.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	95
2	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	90
3	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	90
4	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	86
5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64





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Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

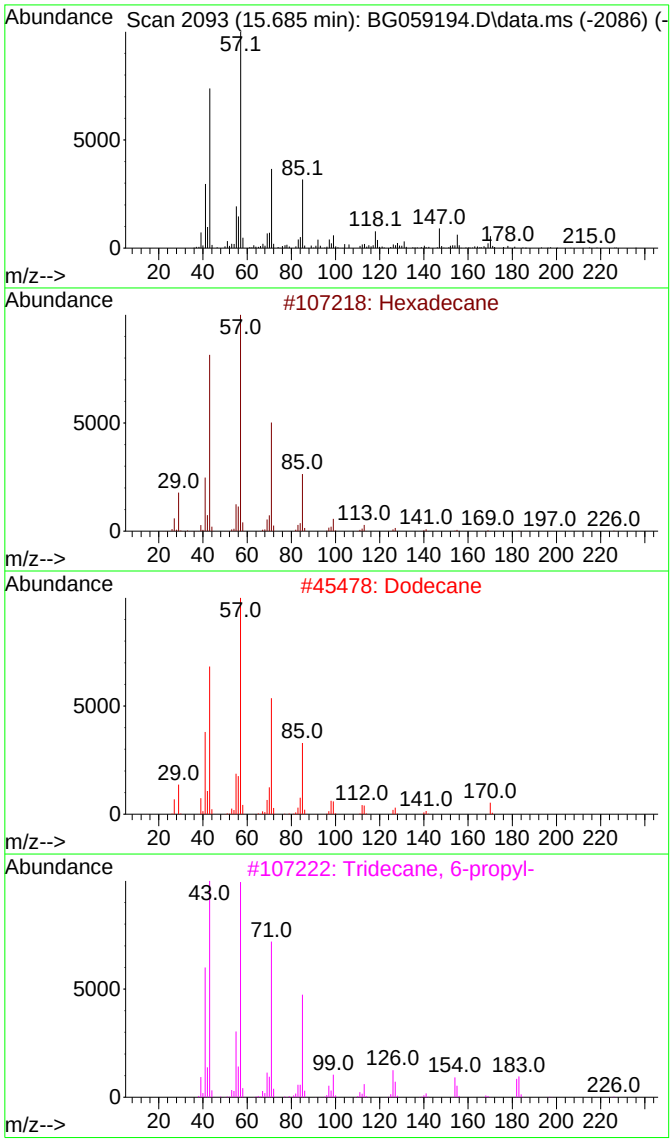
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

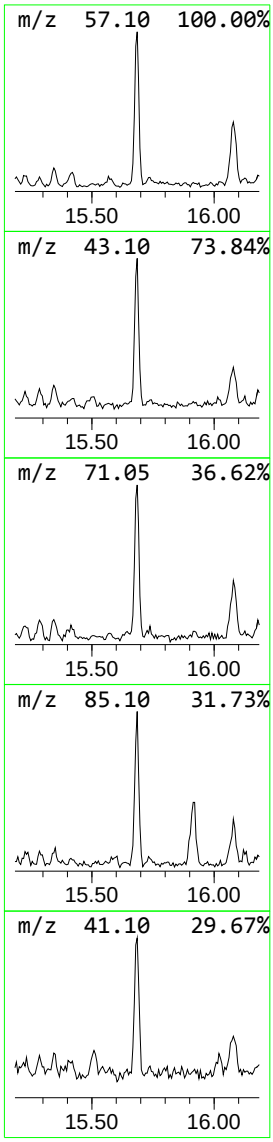
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.685	21.23 ng/ul	547376	Acenaphthene-d10	14.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Dodecane	170	C12H26	000112-40-3	62
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	55
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	47
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

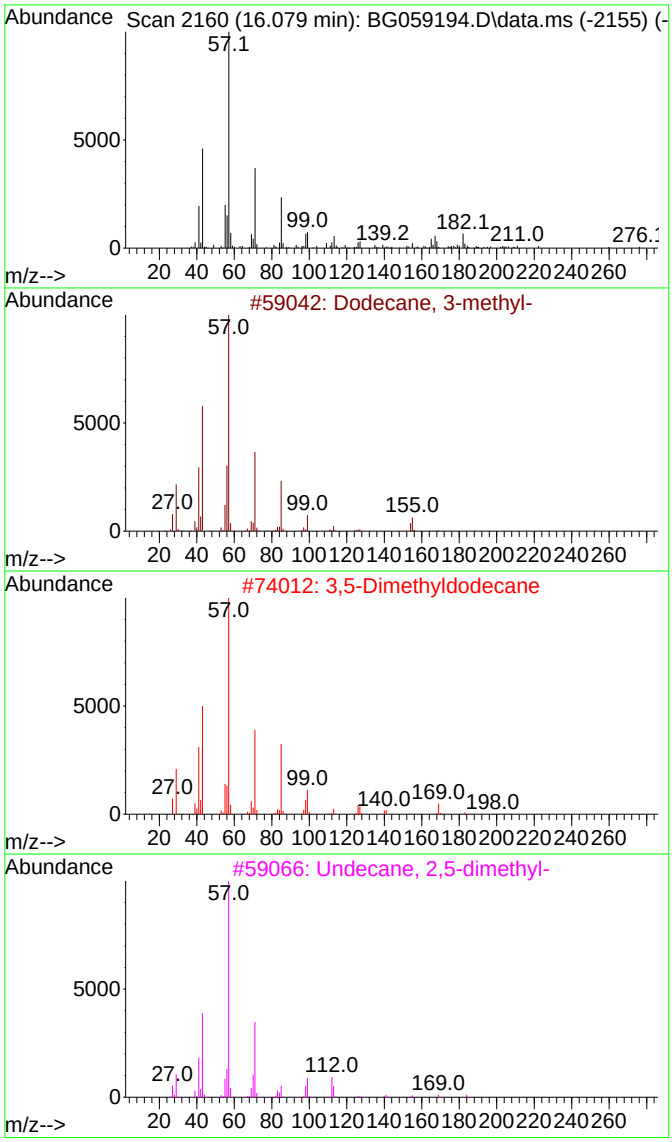
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

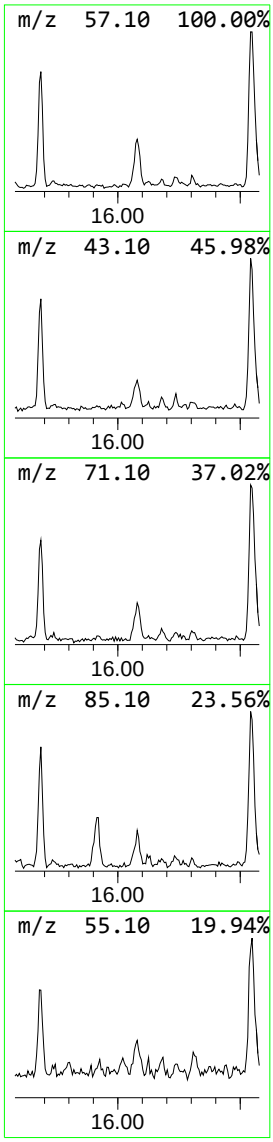
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.079	8.43 ng/ul	217229	Acenaphthene-d10	14.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	53
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

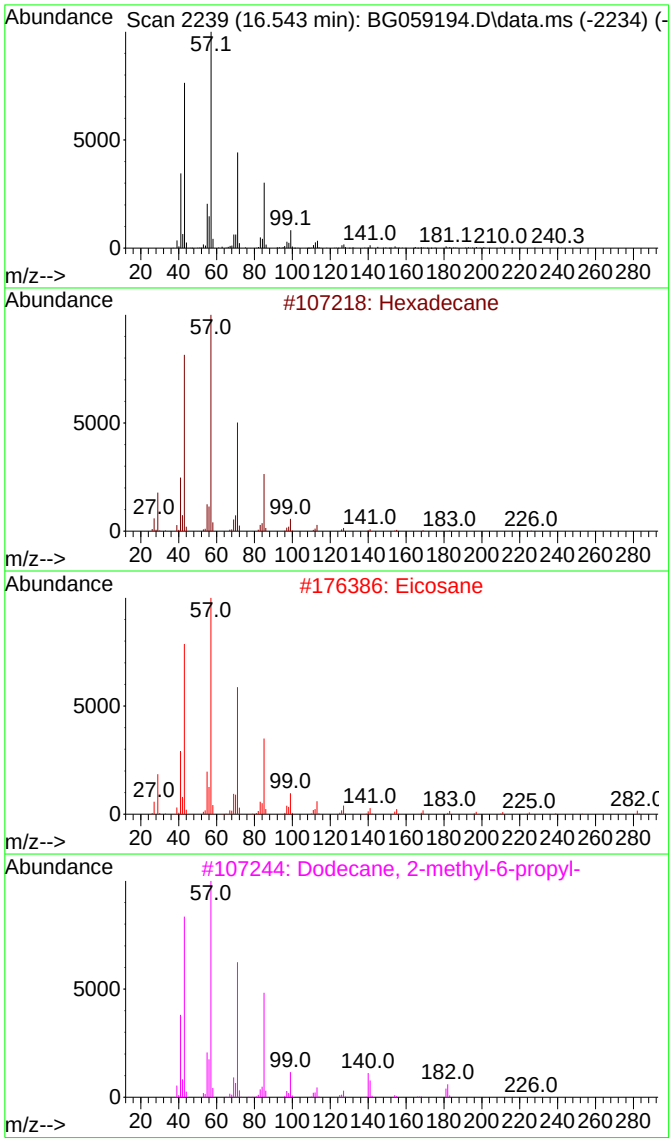
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

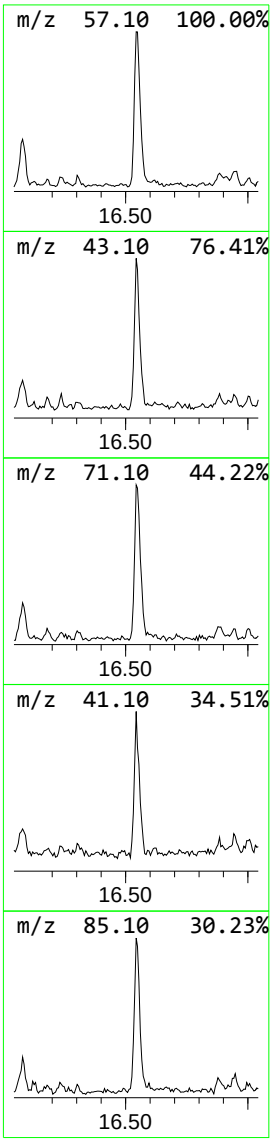
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.543	24.95 ng/ul	763709	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Eicosane	282	C20H42	000112-95-8	83
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
4	Octadecane	254	C18H38	000593-45-3	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
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Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

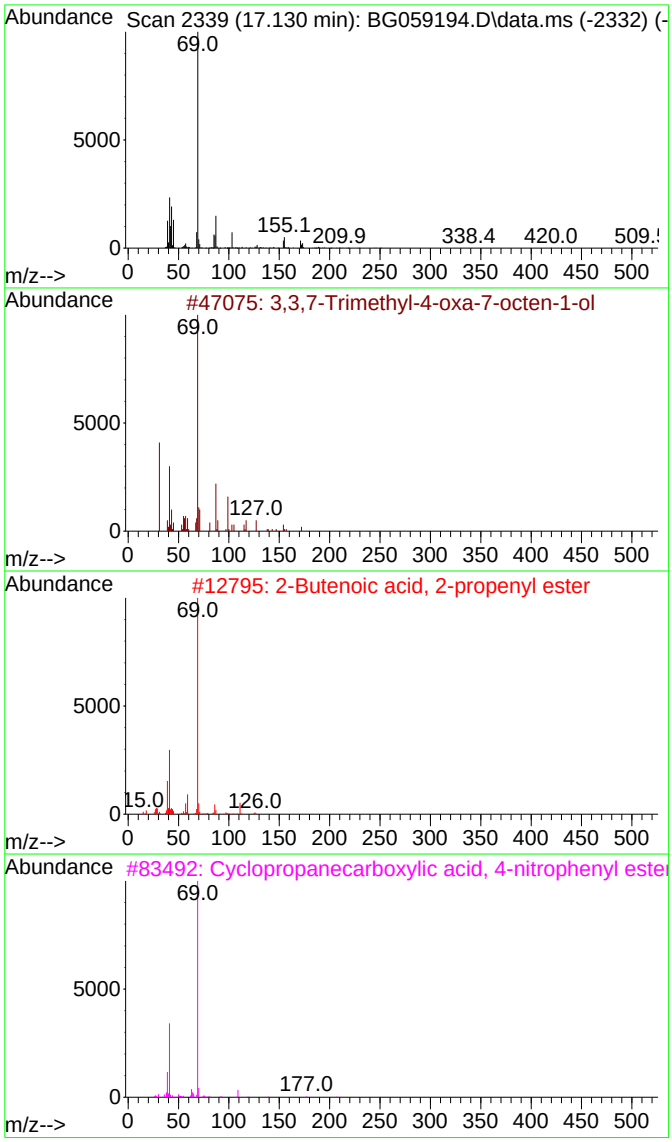
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

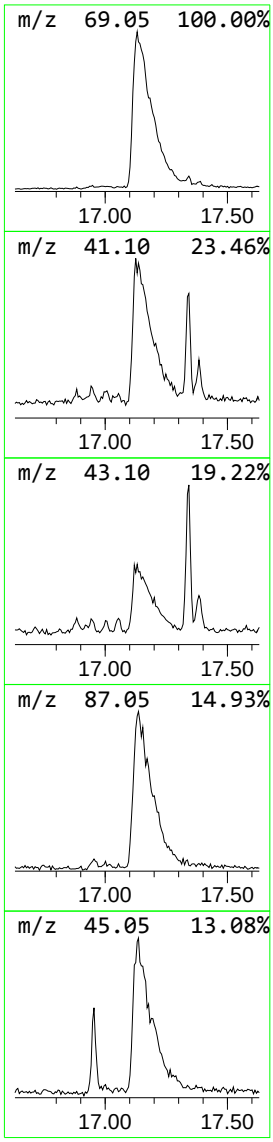
****

Peak Number 57 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.131	80.76 ng/ul	2471510	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	38
2	2-Butenoic acid, 2-propenyl ester	126	C7H10O2	020474-93-5	33
3	Cyclopropanecarboxylic acid, 4-n...	207	C10H9NO4	1010307-52-7	9
4	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	9
5	2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

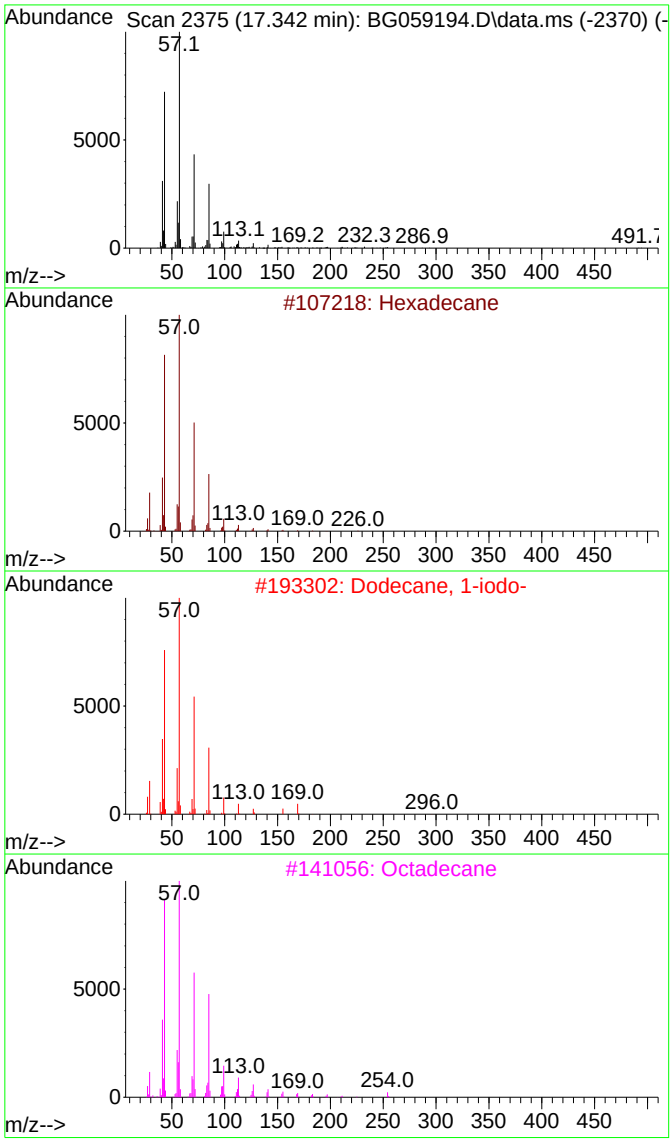
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

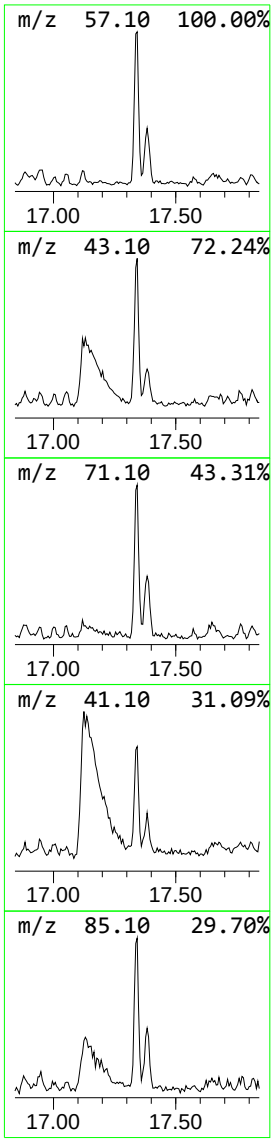
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.342	17.05 ng/ul	521737	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Octadecane	254	C18H38	000593-45-3	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	72





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Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

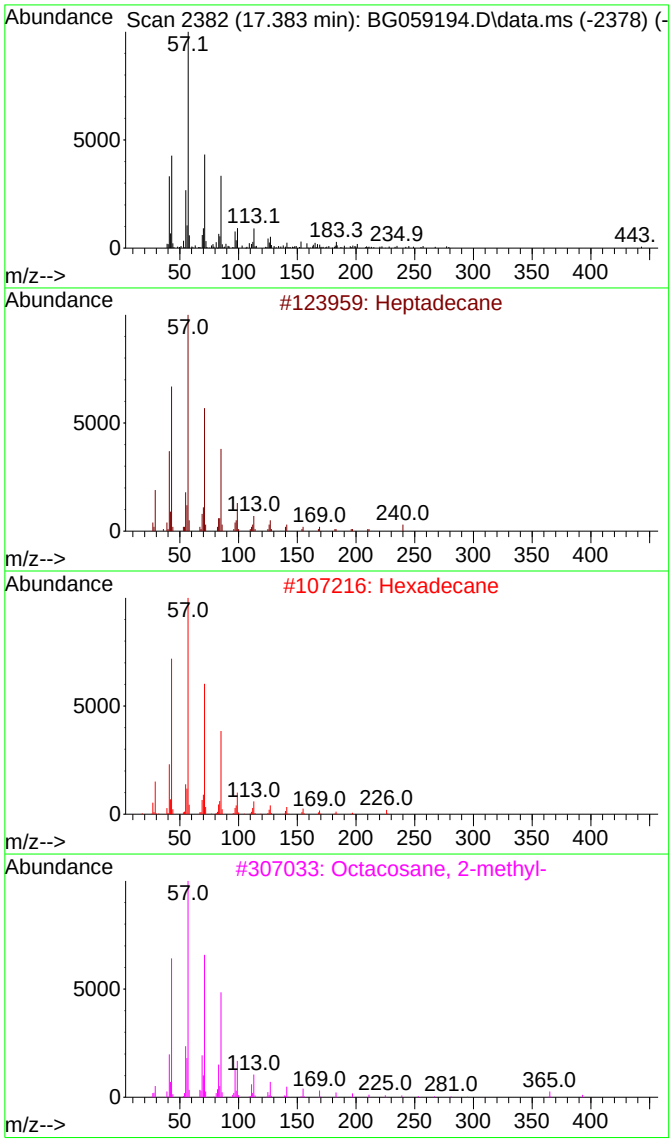
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

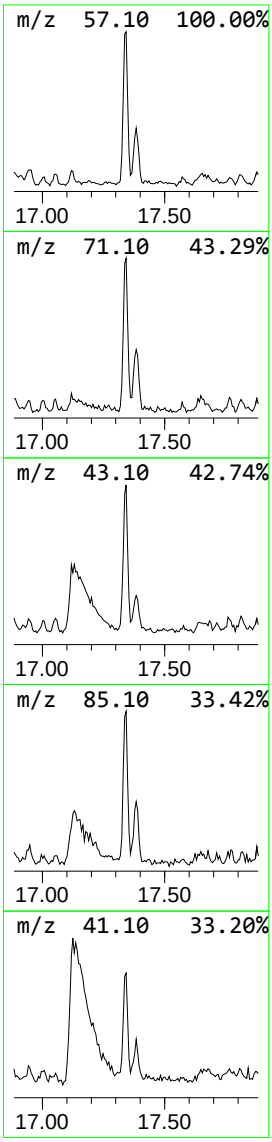
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.383	6.72 ng/ul	205794	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	72
4	Nonadecane	268	C19H40	000629-92-5	72
5	Heptadecane	240	C17H36	000629-78-7	72





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Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

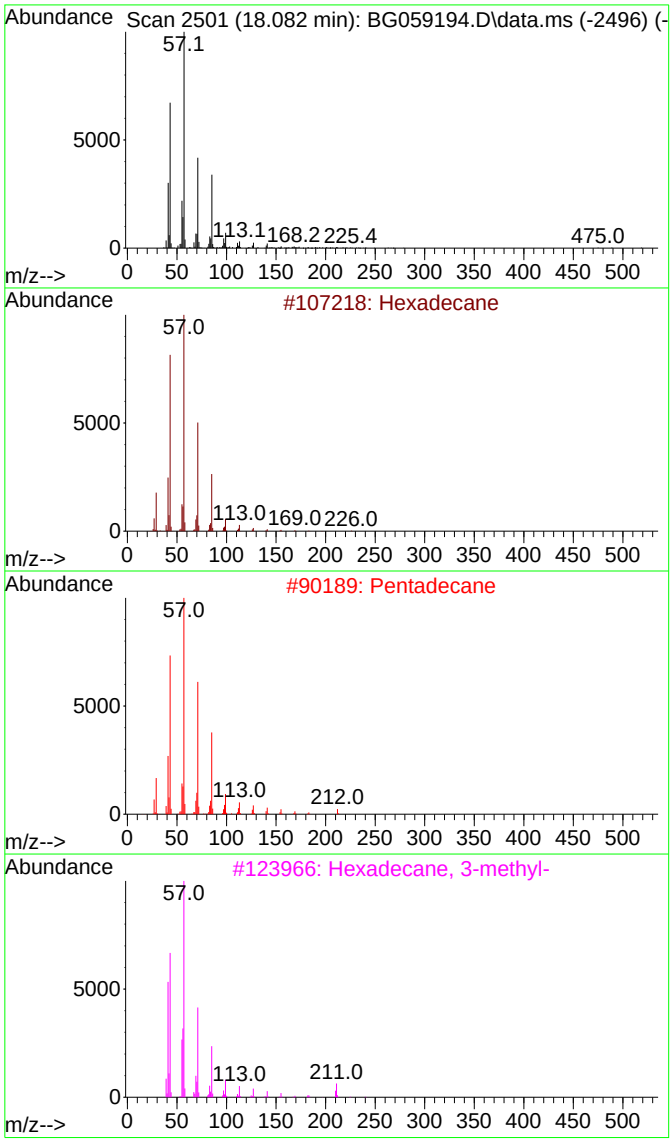
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

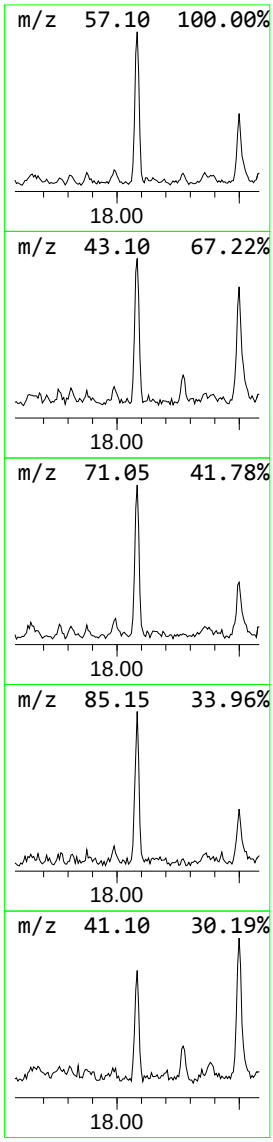
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.082	17.07 ng/ul	522474	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Pentadecane	212	C15H32	000629-62-9	80
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	80
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
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Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

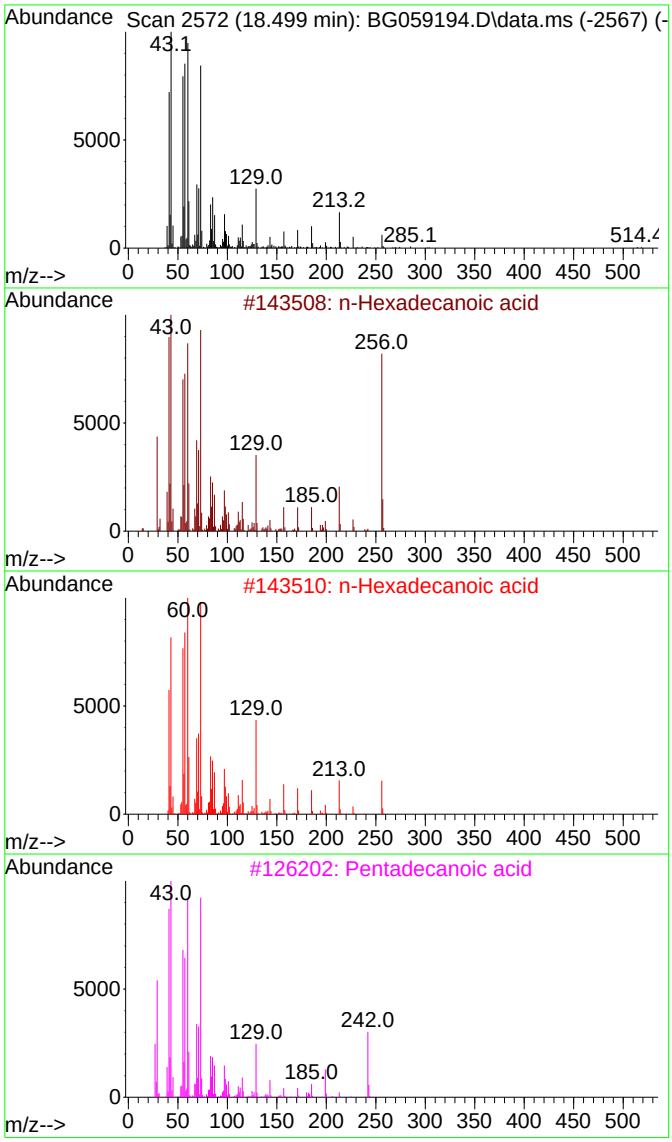
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

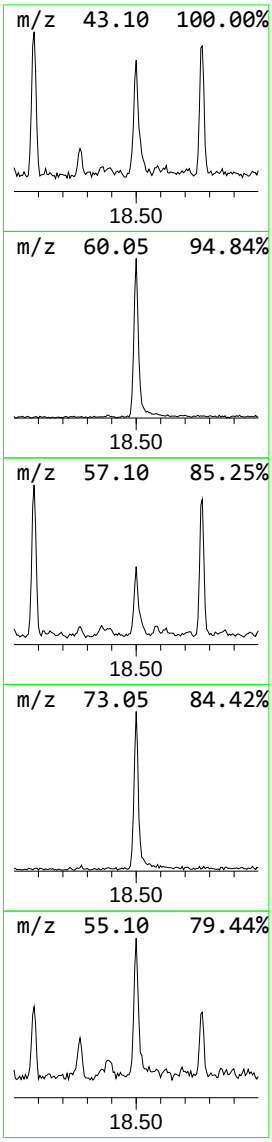
****

Peak Number 62 n-Hexadecanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.500	25.75 ng/ul	788214	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Dodecanoic acid	200	C12H24O2	000143-07-7	90
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
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Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

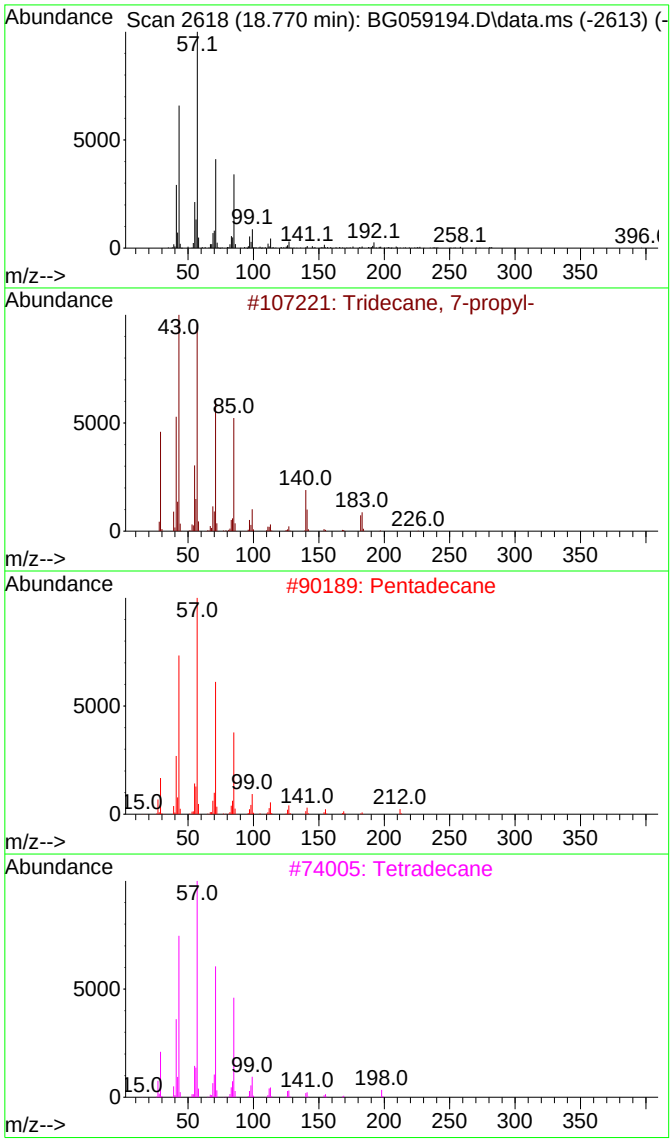
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

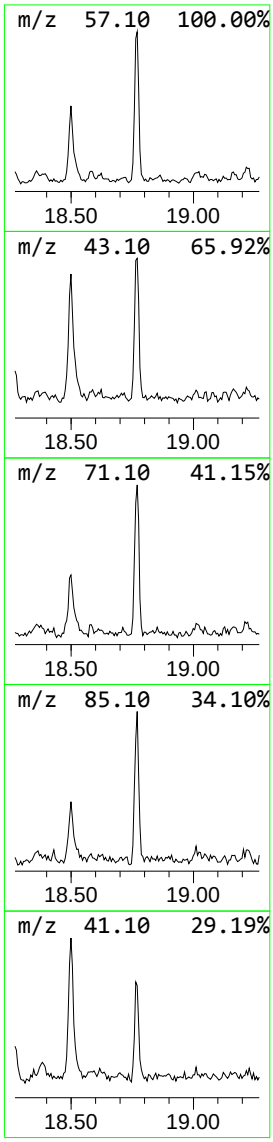
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.770	15.28 ng/ul	467628	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tetracosane	338	C24H50	000646-31-1	83
5	Eicosane	282	C20H42	000112-95-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

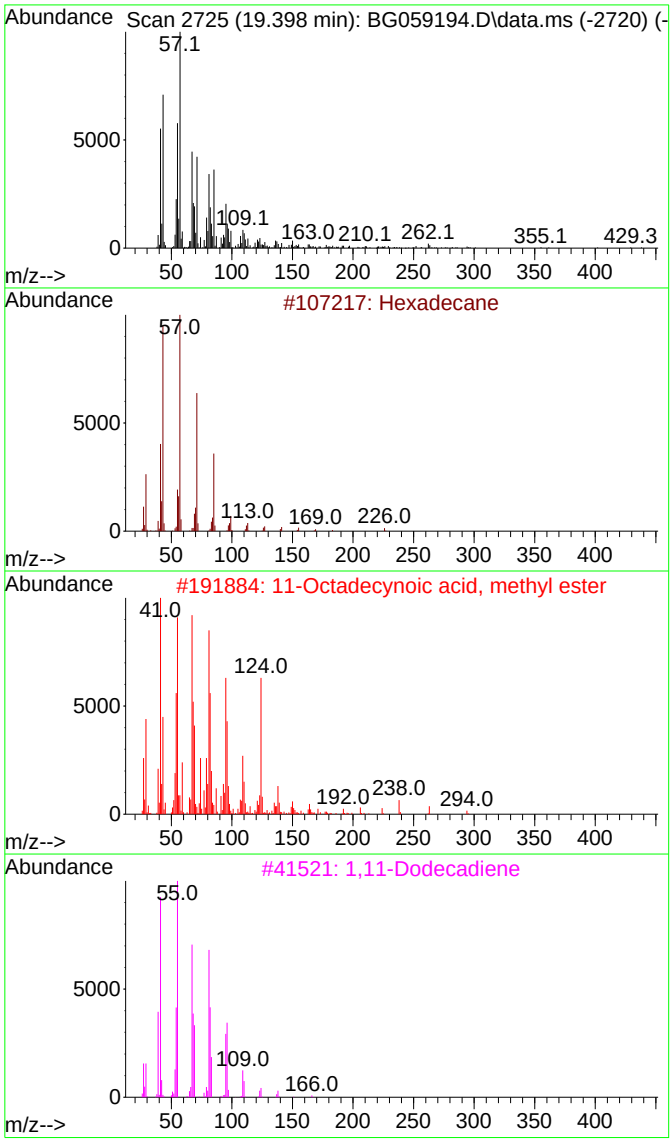
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

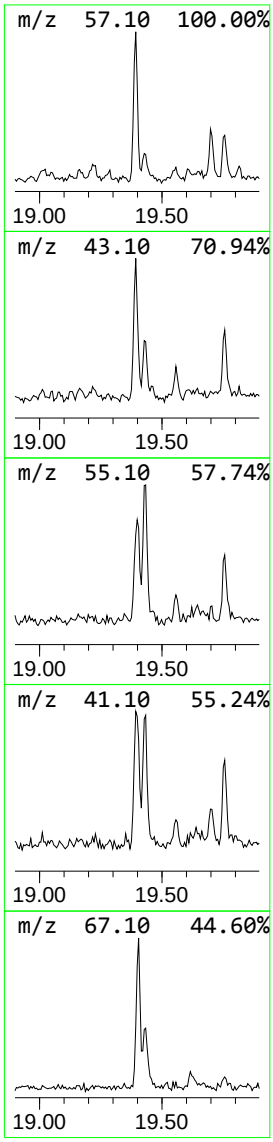
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	23.99 ng/ul	734136	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	74
2	11-Octadecynoic acid, methyl ester	294	C19H34O2	026543-37-3	51
3	1,11-Dodecadiene	166	C12H22	005876-87-9	50
4	Z,Z-8,10-Hexadecadien-1-ol	238	C16H30O	1000130-91-0	47
5	8-Octadecynoic acid, methyl ester	294	C19H34O2	018545-05-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

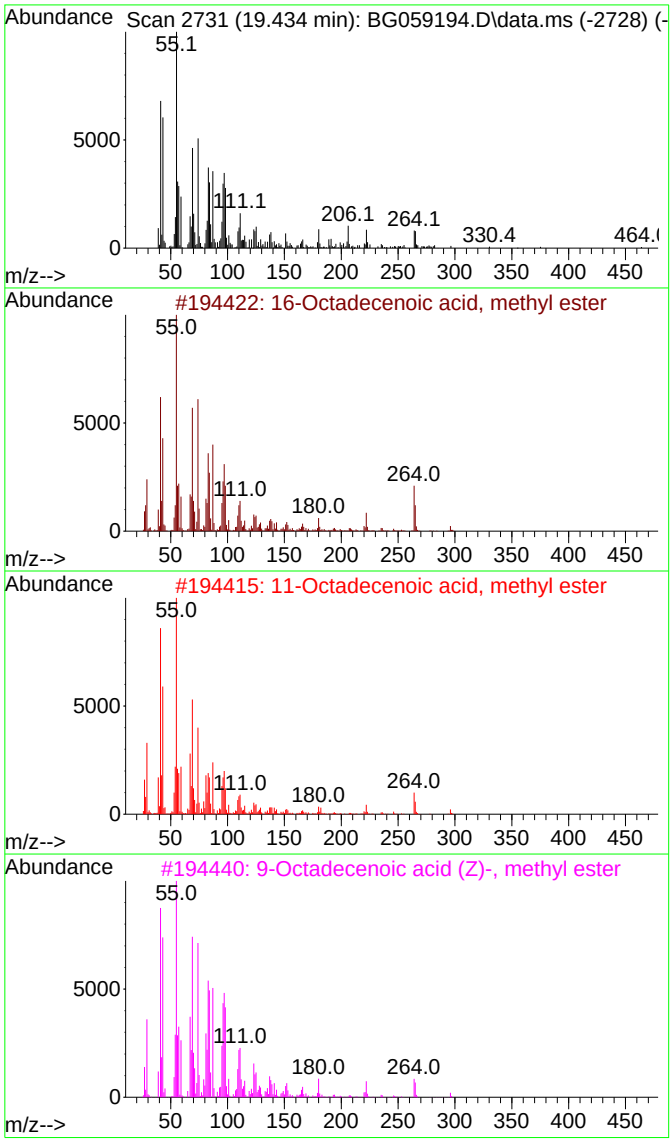
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

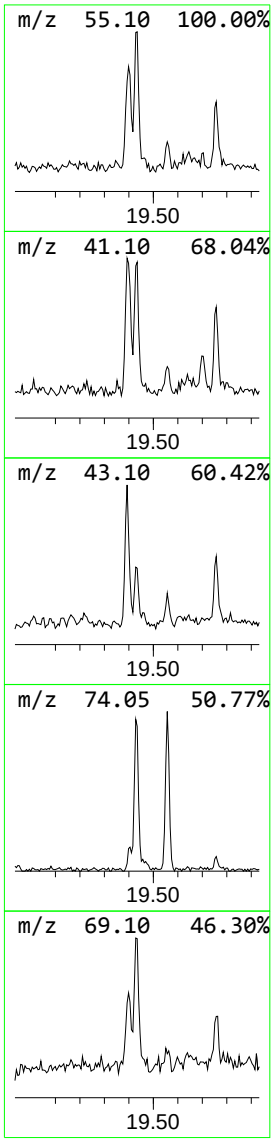
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 16-Octadecenoic acid, methy... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.434	20.56 ng/ul	629238	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	94
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

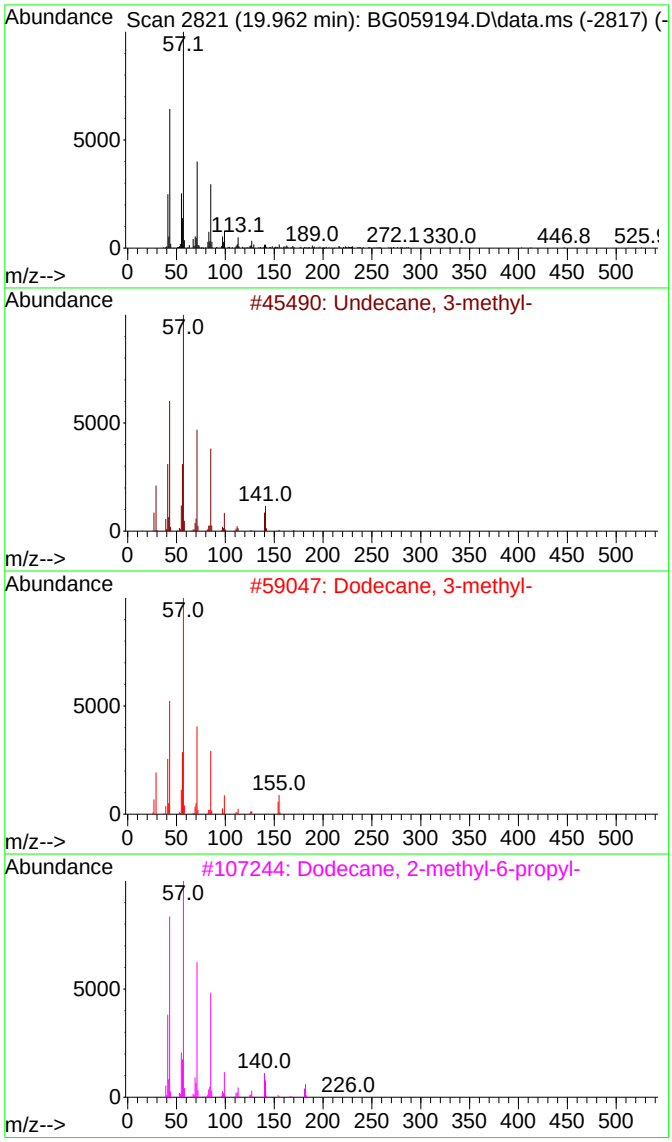
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

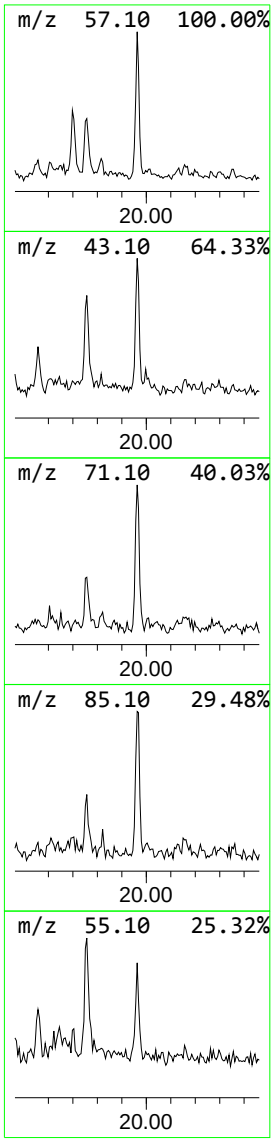
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.962	9.92 ng/ul	274472	Chrysene-d12	21.995

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	53
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

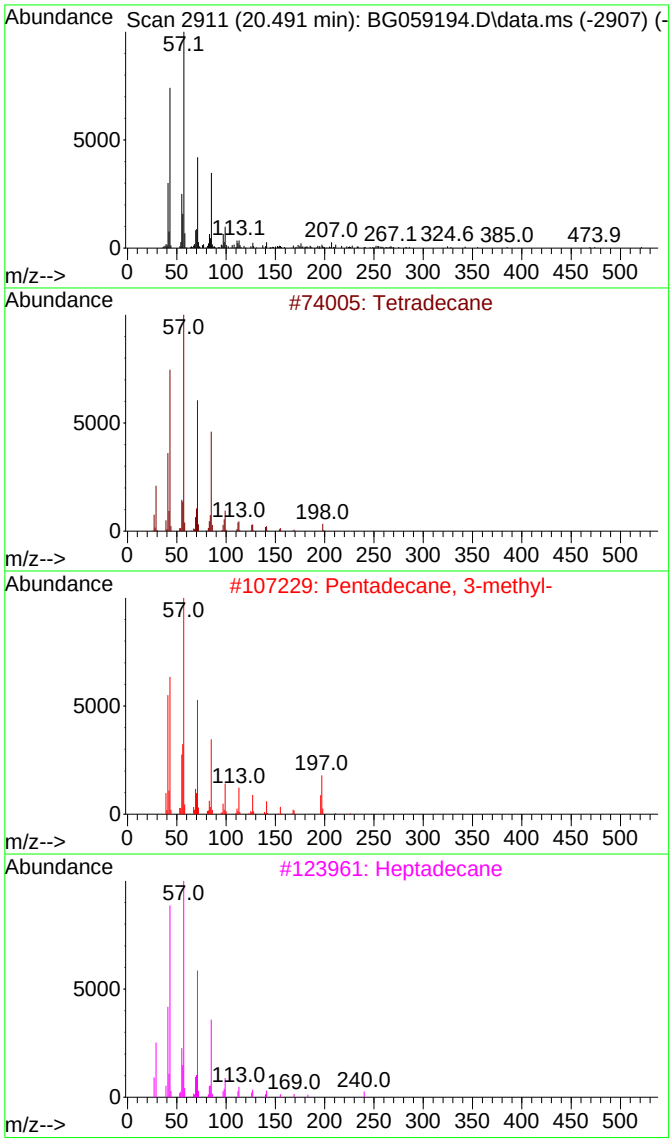
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

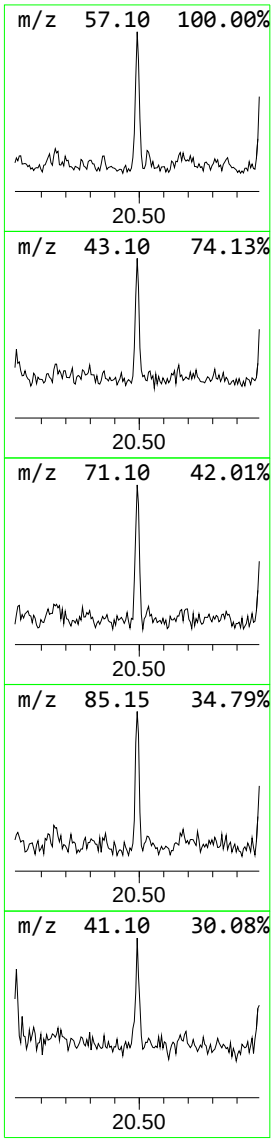
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.491	7.24 ng/ul	200520	Chrysene-d12	21.995

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	80
3	Heptadecane	240	C17H36	000629-78-7	80
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	64
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

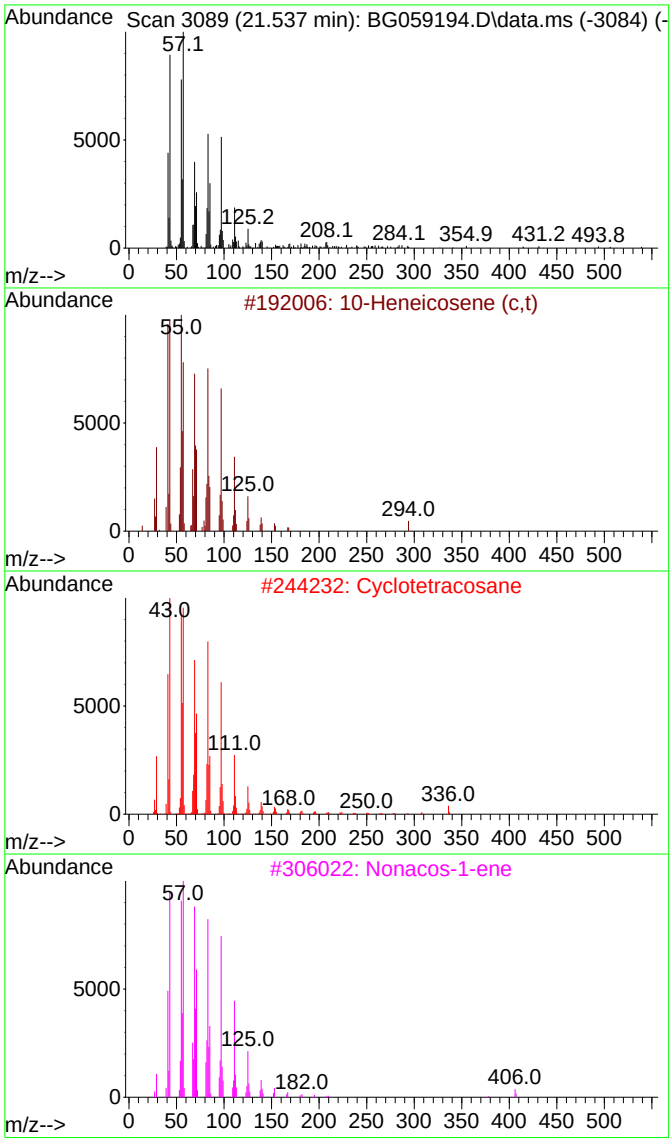
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

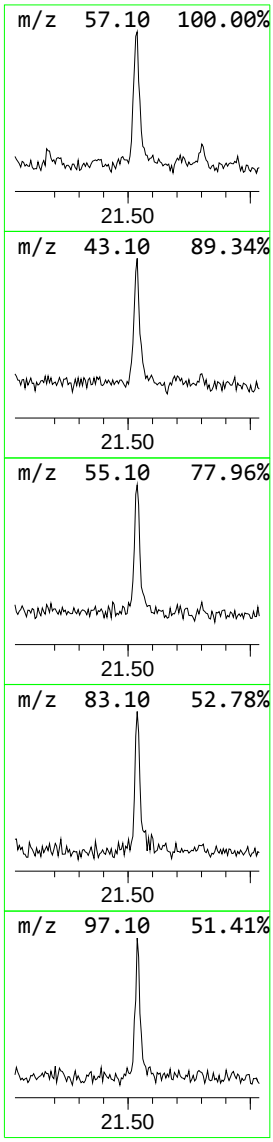
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.537	12.29 ng/ul	340289	Chrysene-d12	21.995

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Heneicosene (c,t)	294	C21H42	095008-11-0	76
2	Cyclotetracosane	336	C24H48	000297-03-0	68
3	Nonacos-1-ene	406	C29H58	018835-35-3	52
4	1-Docosene	308	C22H44	001599-67-3	52
5	Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059194.D
Acq On : 26 Sep 2023 12:16
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBK98

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Toluene	4.392	776.3	ng/ul	34742000	1	8.300	895036	20.0
(DEL) Alkane: S...	4.698	4.5	ng/ul	203421	1	8.300	895036	20.0
Ethylbenzene	5.744	174.1	ng/ul	7792020	1	8.300	895036	20.0
o-Xylene	5.920	1694.4	ng/ul	75828800	1	8.300	895036	20.0
p-Xylene	6.290	913.8	ng/ul	40896000	1	8.300	895036	20.0
Benzene, (1-met...	6.737	15.2	ng/ul	680721	1	8.300	895036	20.0
(DEL) Alkane: S...	7.201	3.9	ng/ul	175423	1	8.300	895036	20.0
Benzene, propyl-	7.236	13.8	ng/ul	616520	1	8.300	895036	20.0
Benzene, 1-ethy...	7.354	410.3	ng/ul	18361400	1	8.300	895036	20.0
Mesitylene	7.489	216.6	ng/ul	9693990	1	8.300	895036	20.0
Benzene, 1,2,3-...	7.941	652.3	ng/ul	29192200	1	8.300	895036	20.0
unknown-01	8.400	246.3	ng/ul	11023600	1	8.300	895036	20.0
Indane	8.670	170.6	ng/ul	7634410	1	8.300	895036	20.0
Benzene, 1-meth...	8.823	72.4	ng/ul	3238770	1	8.300	895036	20.0
Benzene, 1-meth...	8.911	101.0	ng/ul	4517630	1	8.300	895036	20.0
Benzene, 2-ethy...	9.228	52.5	ng/ul	2347170	1	8.300	895036	20.0
o-Cymene	9.287	48.2	ng/ul	2157030	1	8.300	895036	20.0
p-Cymene	9.387	94.6	ng/ul	4235020	1	8.300	895036	20.0
Benzene, 1-ethy...	9.722	26.3	ng/ul	1176930	1	8.300	895036	20.0
Benzene, 1,2,3,...	9.915	39.6	ng/ul	2151660	2	11.149	1086210	20.0
Benzene, 1,2,4,...	9.974	61.9	ng/ul	3362860	2	11.149	1086210	20.0
Benzene, 2-ethe...	10.503	80.4	ng/ul	4365560	2	11.149	1086210	20.0
Benzoic acid, 2...	11.666	28.8	ng/ul	1563630	2	11.149	1086210	20.0
Benzoic acid, 2...	13.082	20.4	ng/ul	525779	3	14.927	515668	20.0
1H-Indene-4-car...	13.405	13.2	ng/ul	339795	3	14.927	515668	20.0
Benzoic acid, 3...	13.676	12.0	ng/ul	309682	3	14.927	515668	20.0
Naphthalene, 2,...	14.240	20.5	ng/ul	528635	3	14.927	515668	20.0
Benzoic acid, 2...	14.539	20.6	ng/ul	530585	3	14.927	515668	20.0
(DEL) Alkane: S...	14.739	19.6	ng/ul	506414	3	14.927	515668	20.0
Indane-5-carbox...	15.409	14.1	ng/ul	363852	3	14.927	515668	20.0
(DEL) Alkane: S...	15.685	21.2	ng/ul	547376	3	14.927	515668	20.0
(DEL) Alkane: S...	16.079	8.4	ng/ul	217229	3	14.927	515668	20.0
(DEL) Alkane: S...	16.543	24.9	ng/ul	763709	4	17.677	612094	20.0
unknown-02	17.131	80.8	ng/ul	2471510	4	17.677	612094	20.0
(DEL) Alkane: S...	17.342	17.1	ng/ul	521737	4	17.677	612094	20.0
(DEL) Alkane: S...	17.383	6.7	ng/ul	205794	4	17.677	612094	20.0
(DEL) Alkane: S...	18.082	17.1	ng/ul	522474	4	17.677	612094	20.0
n-Hexadecanoic ...	18.500	25.8	ng/ul	788214	4	17.677	612094	20.0
(DEL) Alkane: S...	18.770	15.3	ng/ul	467628	4	17.677	612094	20.0
(DEL) Alkane: S...	19.398	24.0	ng/ul	734136	4	17.677	612094	20.0
16-Octadecenoic...	19.434	20.6	ng/ul	629238	4	17.677	612094	20.0
(DEL) Alkane: S...	19.962	9.9	ng/ul	274472	5	21.995	553611	20.0
(DEL) Alkane: S...	20.491	7.2	ng/ul	200520	5	21.995	553611	20.0
(DEL) Alkane: S...	21.537	12.3	ng/ul	340289	5	21.995	553611	20.0