LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC020EC

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-BG092723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059244.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.490	12	17	27	rVB3	114750	205598	8.05%	0.578%
2	3.790	62	68	78	rVB3	82148	205078	8.03%	0.577%
3	3.966	93	98	104	rBV	90888	163327	6.39%	0.459%
4	4.301	150	155	165	rVV2	94451	208890	8.18%	0.588%
5	4.618	203	209	210	rBV5	36005	52130	2.04%	0.147%
6	4.642	211	213	219	rVB	48918	65014	2.54%	0.183%
7	4.771	227	235	237	rBV4	22148	40103	1.57%	0.113%
8	4.841	243	247	253	rVB8	25798	44345	1.74%	0.125%
9	5.053	277	283	290	rBV6	19458	46944	1.84%	0.132%
10	5.282	318	322	324	rBV2	20602	32170	1.26%	0.091%
11	5.364	332	336	340	rVB3	27938	36741	1.44%	0.103%
12	5.405	340	343	348	rVB4	19990	28928	1.13%	0.081%
13	5.670	378	388	403	rBV	1513316	2554653	100.00%	7.187%
14	5.823	404	414	430	rVB	934605	2242696	87.79%	6.309%
15	5.940	430	434	443	rBV9	10568	31247	1.22%	0.088%
16	6.087	453	459	461	rBV7	15759	28783	1.13%	0.081%
17	6.181	466	475	485	rVV	363989	622063	24.35%	1.750%
18	6.257	485	488	494	rVV6	24437	47395	1.86%	0.133%
19	6.663	551	557	567	rVB	129343	256125	10.03%	0.721%
20	6.792	575	579	584	rVB5	21527	35259	1.38%	0.099%
21	7.162	637	642	650	rVB	171888	290771	11.38%	0.818%
22	7.268	655	660	666	rBV	64642	116025	4.54%	0.326%
23	7.338	666	672	679	rBV2	192069	414711	16.23%	1.167%
24	7.409	679	684	691	rVB	136497	225307	8.82%	0.634%
25	7.474	692	695	700	rVB3	21706	30547	1.20%	0.086%
26	7.556	702	709	711	rBV	264701	451310	17.67%	1.270%
27	7.750	735	742	752	rBV	249695	460974	18.04%	1.297%
28	7.844	752	758	765	rVV	839096	1402876	54.91%	3.947%
29	8.231	814	824	830	rBV2	172074	289021	11.31%	0.813%
30	8.320	832	839	847	rVB2	296402	547013	21.41%	1.539%
31	8.508	868	871	878	rVB5	20687	42125	1.65%	0.119%
32	8.596	878	886	895	rBV	378412	674593	26.41%	1.898%
33	8.690	897	902	906	rVB3	54237	82069	3.21%	0.231%
34	8.754	908	913	920	rVB3	31205	67481	2.64%	0.190%
35	8.843	922	928	934	rVV3	81921	164201	6.43%	0.462%
36	8.925	935	942	952	rVB2	221206	421329	16.49%	1.185%

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Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

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-BG092723.MA.M
Title : SVOA CALIBRATION

37	9.007	952	956	961	rBV	32432	57399	2.25%	0.161%
38	9.160	976	982	988	rBV3	79268	159877	6.26%	0.450%
39	9.254	988	998	1005	rVV6	146331	548683	21.48%	1.544%
40	9.318	1005	1009	1017	rVB3	128117	295016	11.55%	0.830%
41	9.424	1018	1027	1039	rVB3	374831	987717	38.66%	2.779%
42	9.653	1060	1066	1074	rBV4	34810	85018	3.33%	0.239%
43	9.841	1093	1098	1104	rVV	105130	168485	6.60%	0.474%
44	9.906	1104	1109	1119	rVB	146826	265629	10.40%	0.747%
45	10.029	1119	1130	1135	rBV8	24826	65598	2.57%	0.185%
46	10.100	1135	1142	1143	rBV6	13575	32295	1.26%	0.091%
47	10.147	1144	1150	1156	rVB	233171	420560	16.46%	1.183%
48	10.212	1156	1161	1168	rBV5	41864	83861	3.28%	0.236%
49	10.288	1168	1174	1184	rVB2	132860	264765	10.36%	0.745%
50	10.370	1184	1188	1191	rBV4	18982	32826	1.28%	0.092%
51	10.435	1192	1199	1204	rBV	333935	583289	22.83%	1.641%
52	10.570	1215	1222	1224	rBV8	15407	34470	1.35%	0.097%
53	10.676	1233	1240	1246	rBV2	376084	723882	28.34%	2.036%
54	10.893	1270	1277	1282	rBV3	51492	111808	4.38%	0.315%
55	10.952	1284	1287	1290	rVV4	37131	60569	2.37%	0.170%
56	11.016	1290	1298	1302	rVV3	77379	194699	7.62%	0.548%
57	11.075	1302	1308	1312	rVV	264131	537921	21.06%	1.513%
58	11.128	1312	1317	1326	rVB	496289	983735	38.51%	2.767%
59	11.222	1326	1333	1345	rBV2	213437	494108	19.34%	1.390%
60	11.428	1357	1368	1376	rBV5	63114	198043	7.75%	0.557%
61	11.592	1393	1396	1400	rBV	25971	35555	1.39%	0.100%
62	11.704	1411	1415	1417	rBV2	38902	55697	2.18%	0.157%
63	11.951	1451	1457	1460	rBV2	40946	73081	2.86%	0.206%
64	12.145	1484	1490	1495	rBV2	41441	97451	3.81%	0.274%
65	12.338	1517	1523	1528	rBV8	16785	33617	1.32%	0.095%
66	12.403	1528	1534	1540	rBV7	35038	89168	3.49%	0.251%
67	12.603	1562	1568	1571	rBV7	30233	61506	2.41%	0.173%
68	12.709	1581	1586	1594	rVB	137273	235620	9.22%	0.663%
69	12.932	1612	1624	1630	rBV2	247689	474569	18.58%	1.335%
70	12.985	1630	1633	1639	rVB7	39597	56349	2.21%	0.159%
71	13.126	1655	1657	1661	rVB5	25894	31828	1.25%	0.090%
72	13.326	1686	1691	1696	rBV3	36489	53348	2.09%	0.150%
73	13.602	1732	1738	1745	rBV5	89109	180852	7.08%	0.509%
74	13.702	1750	1755	1760	rBV6	36455	58953	2.31%	0.166%
75	13.843	1774	1779	1784	rBV7	32479	53666	2.10%	0.151%
76	14.025	1806	1810	1821	rVB7	51244	143835	5.63%	0.405%

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Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

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

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Title : SVOA CALIBRATION

77	14.177	1832	1836	1841	rVB3	43516	68524	2.68%	0.193%
78	14.260	1841	1850	1856	rBV	705634	1095175	42.87%	3.081%
79	14.530	1891	1896	1898	rBV	85817	130770	5.12%	0.368%
80	14.571	1898	1903	1912	rVB2	765343	1241887	48.61%	3.494%
81	14.865	1948	1953	1960	rVB	341965	526901	20.63%	1.482%
82	15.012	1973	1978	1982	rBV2	69985	122660	4.80%	0.345%
83	15.053	1982	1985	1995	rVB	102247	185300	7.25%	0.521%
84	15.329	2027	2032	2039	rVB	94098	159861	6.26%	0.450%
85	15.464	2050	2055	2062	rBV10	38041	87942	3.44%	0.247%
86	15.852	2115	2121	2128	rBV	985415	1520616	59.52%	4.278%
87	15.964	2135	2140	2147	rVV	294307	433450	16.97%	1.219%
88	16.022	2147	2150	2156	rVB2	29279	42435	1.66%	0.119%
89	16.498	2227	2231	2239	rBV2	34948	57315	2.24%	0.161%
90	17.615	2415	2421	2427	rBV	416736	615462	24.09%	1.731%
91	17.714	2432	2438	2444	rBV2	1076239	1625671	63.64%	4.573%
92	18.437	2557	2561	2568	rBV	179569	243485	9.53%	0.685%
93	19.695	2772	2775	2779	rBV2	68479	85379	3.34%	0.240%
94	19.988	2819	2825	2833	rBV	1399521	1939999	75.94%	5.458%
95	21.469	3073	3077	3087	rBV2	87150	177445	6.95%	0.499%
96	21.915	3147	3153	3161	rVB3	383920	649953	25.44%	1.828%
97	24.266	3547	3553	3558	rBV3	33177	74611	2.92%	0.210%
98	25.159	3694	3705	3716	rVB3	660470	1926035	75.39%	5.418%
99	25.394	3736	3745	3757	rVB3	230242	715691	28.02%	2.013%
100	26.504	3927	3934	3935	rBV3	34692	66574	2.61%	0.187%

Sum of corrected areas: 35546331

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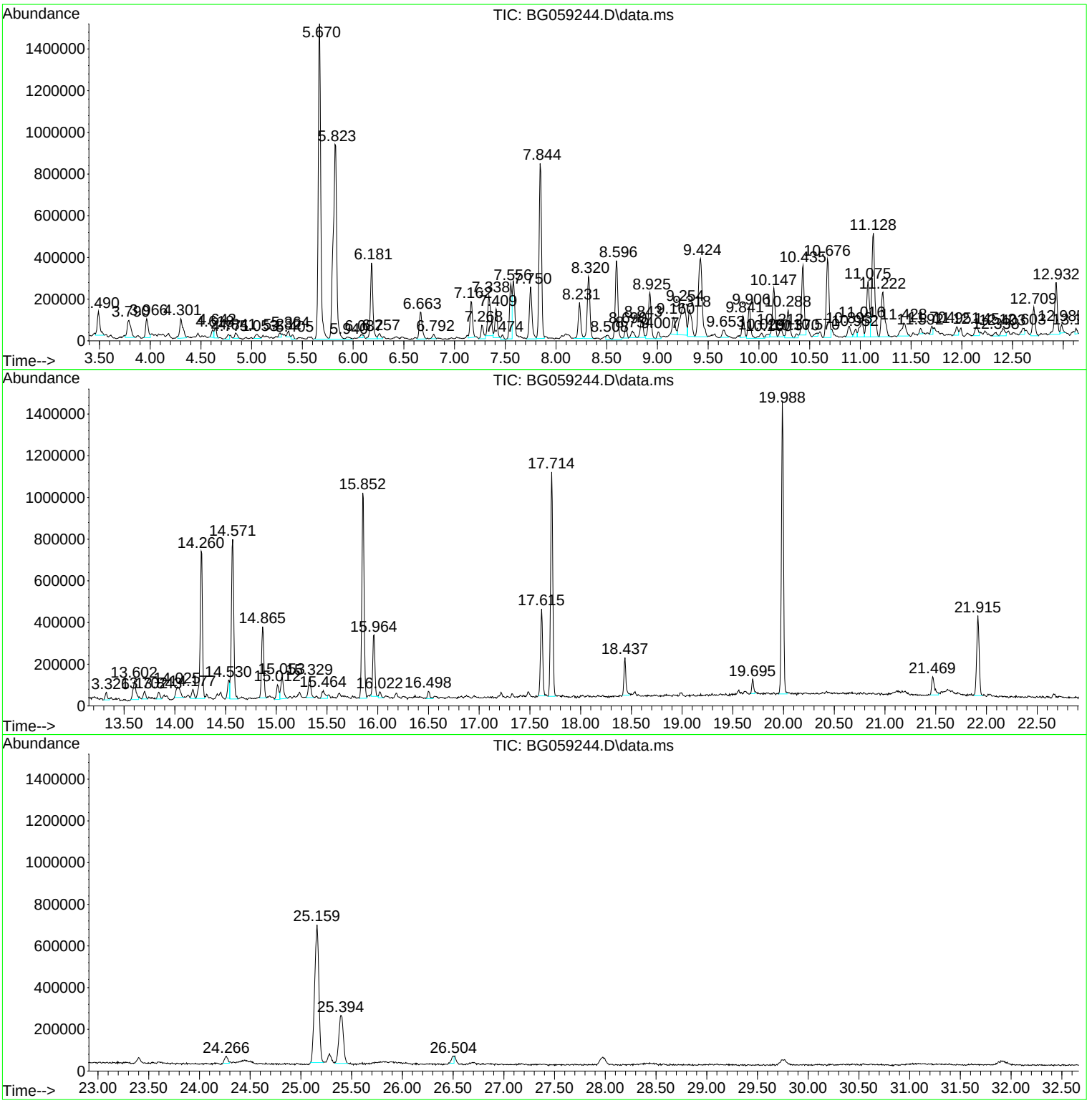
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.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\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

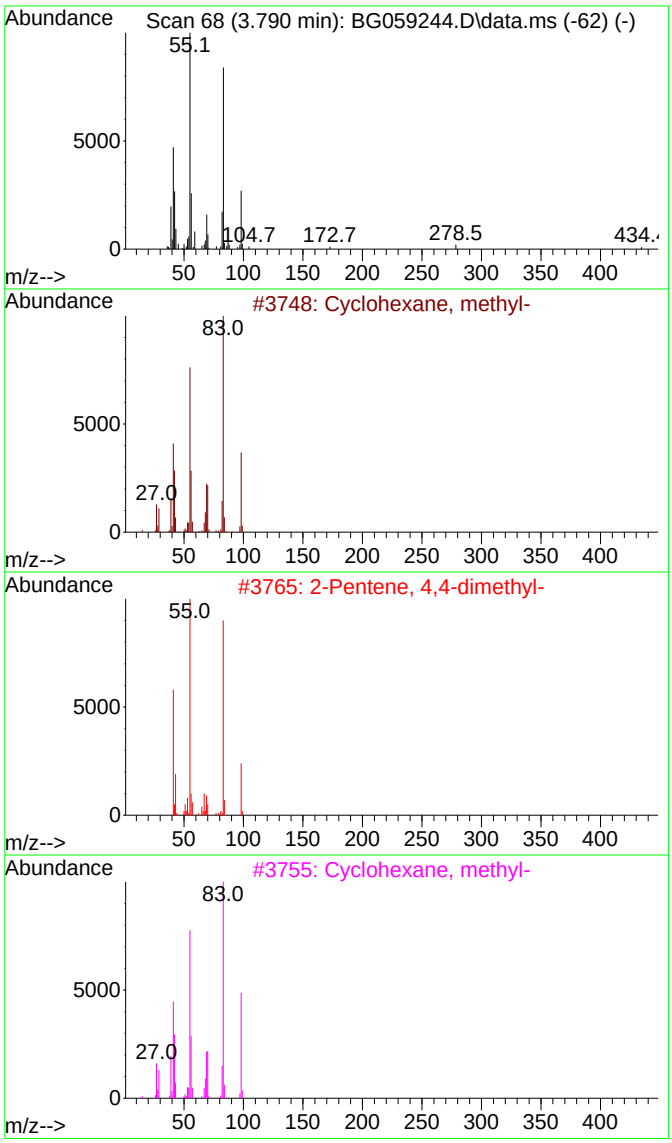
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

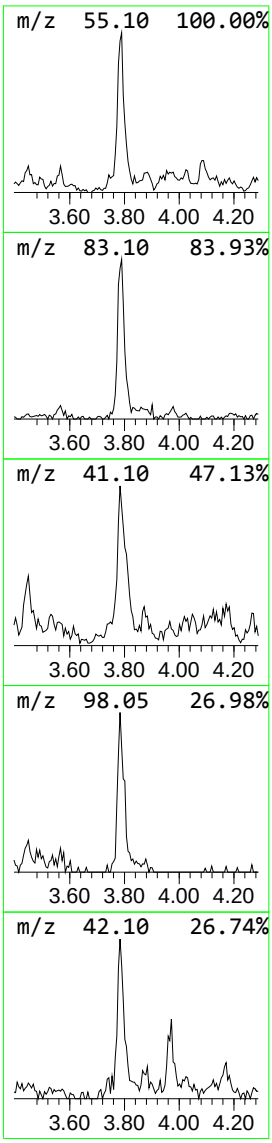
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.790 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.790	14.19 ng/ul	205078	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	72
2	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	59
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	56
4	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	53
5	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

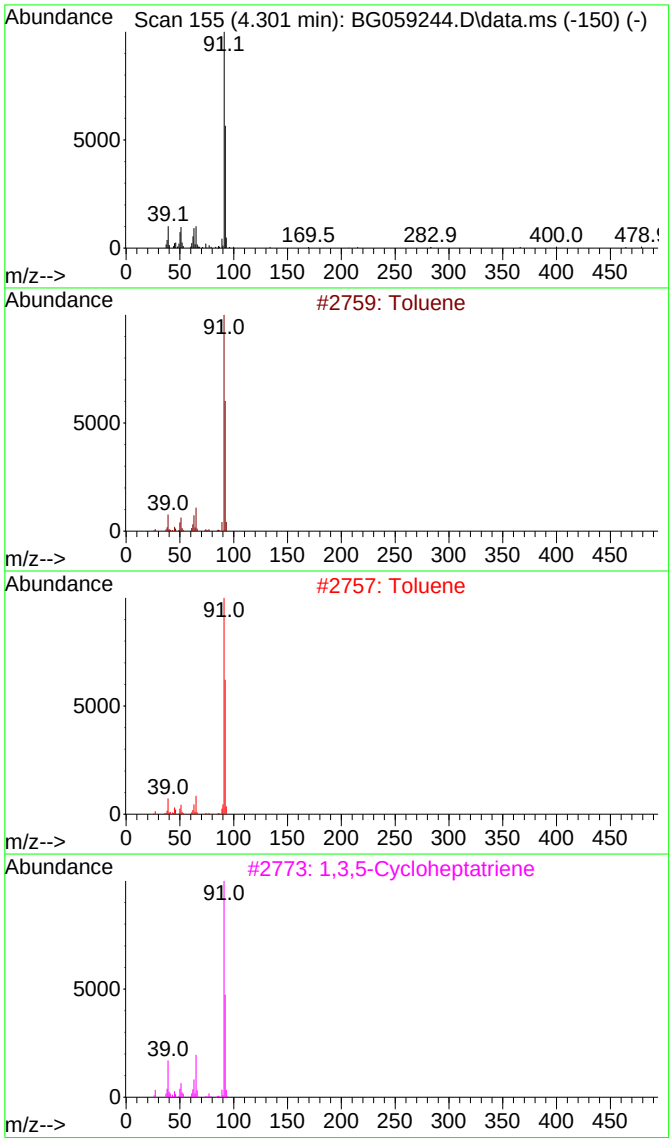
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

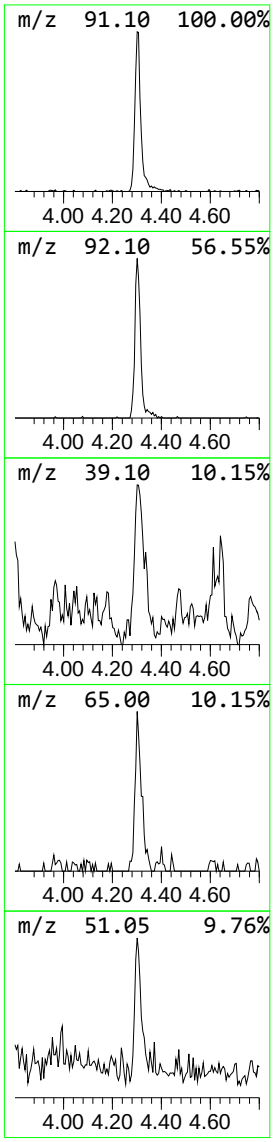
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Toluene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.301	14.46 ng/ul	208890	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	90
2	Toluene	92	C7H8	000108-88-3	86
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	81
4	Toluene	92	C7H8	000108-88-3	81
5	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
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Sample : 04480-09
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

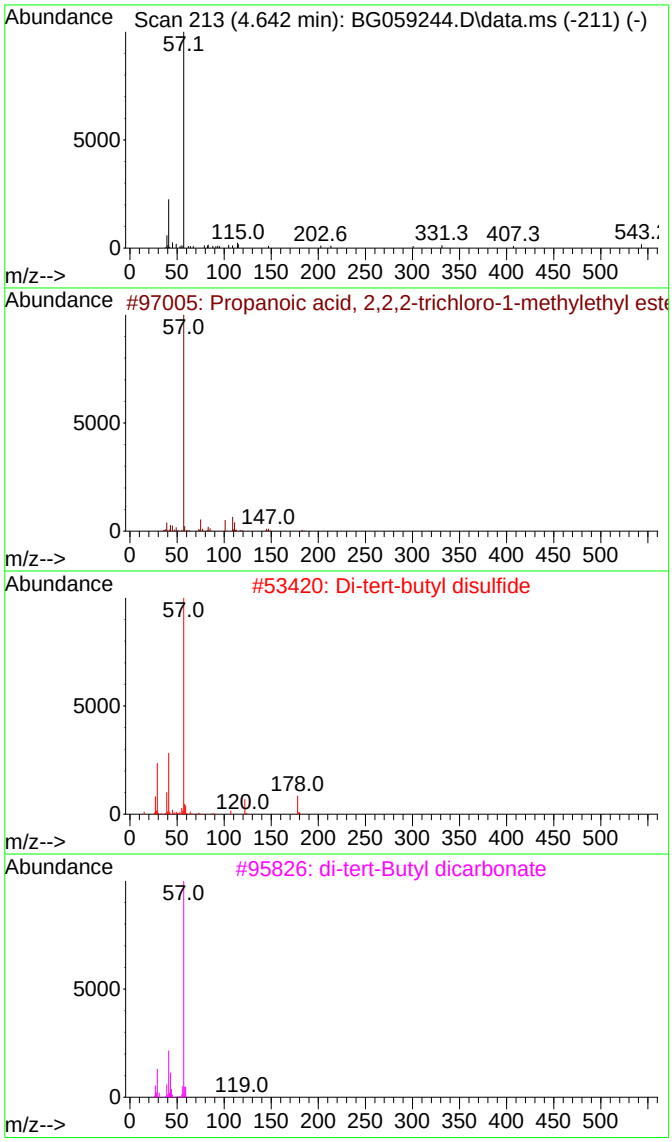
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

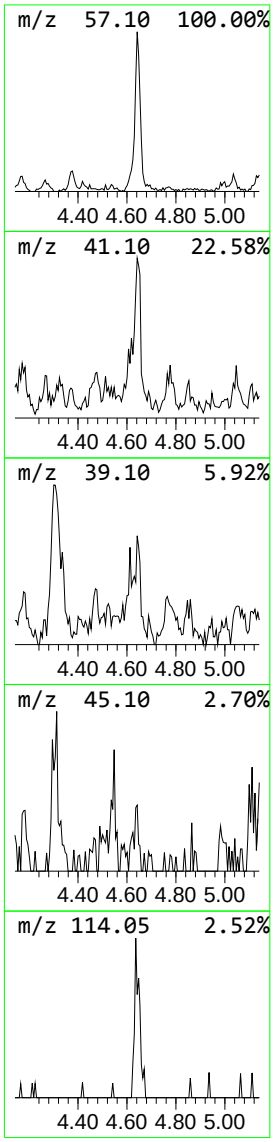
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.642	4.50 ng/ul	65014	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,2-trichloro-...	218	C6H9Cl3O2	072037-39-9	9
2	Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	4
3	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	4
4	2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	3
5	1-Amino-3,3-dimethyl-2-butanone	115	C6H13NO	082962-91-2	3





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

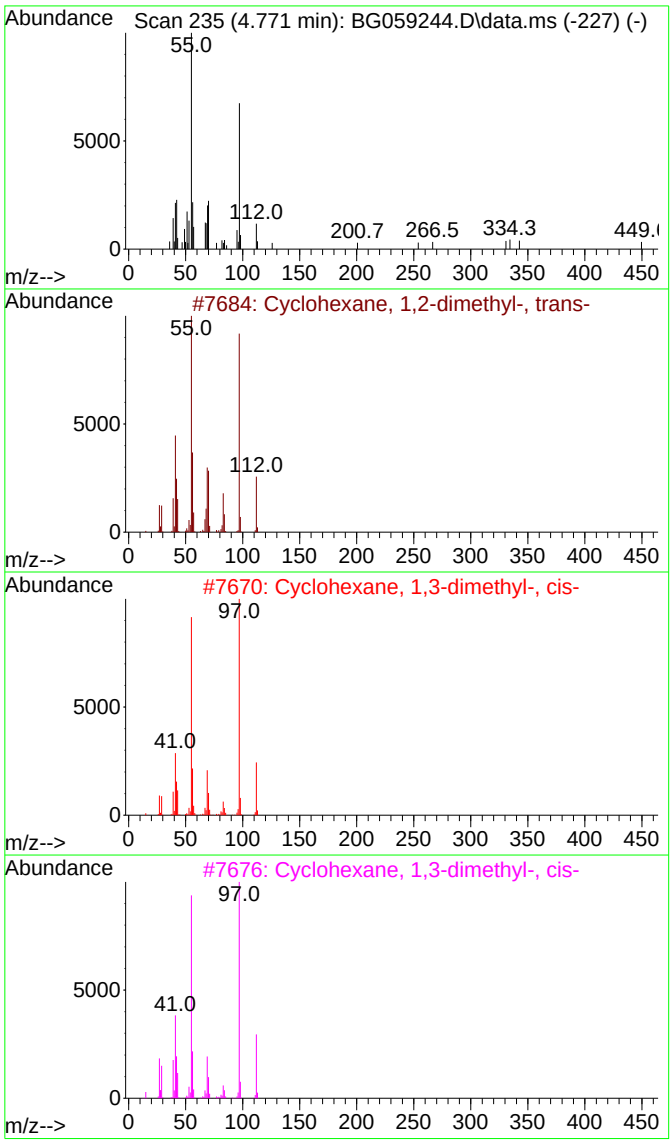
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

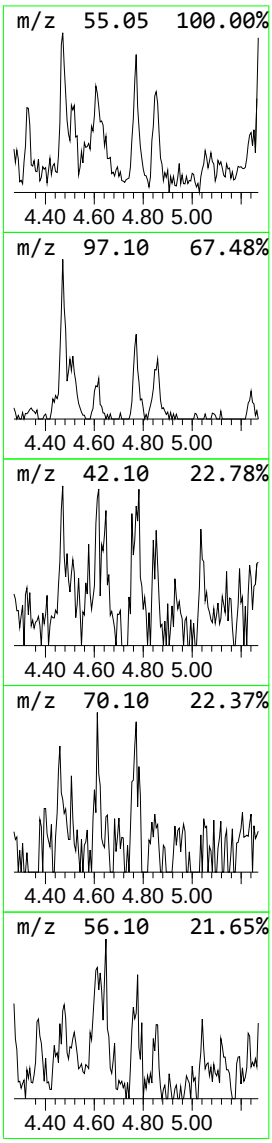
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic4.771 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.771	2.78 ng/ul	40103	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	53
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	50
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

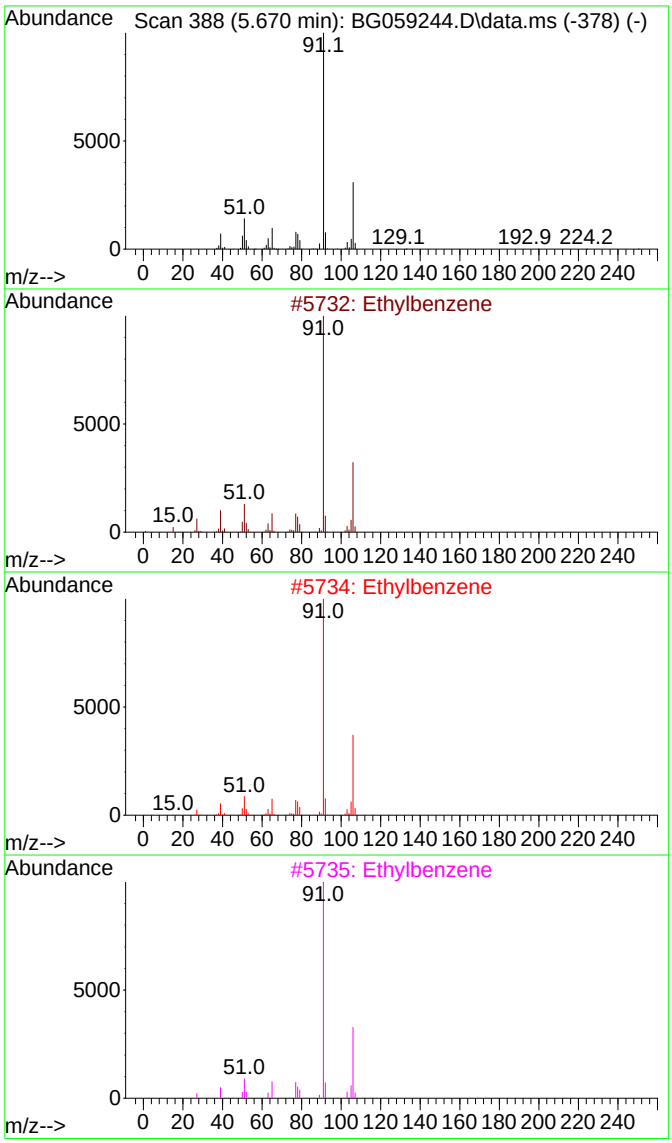
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

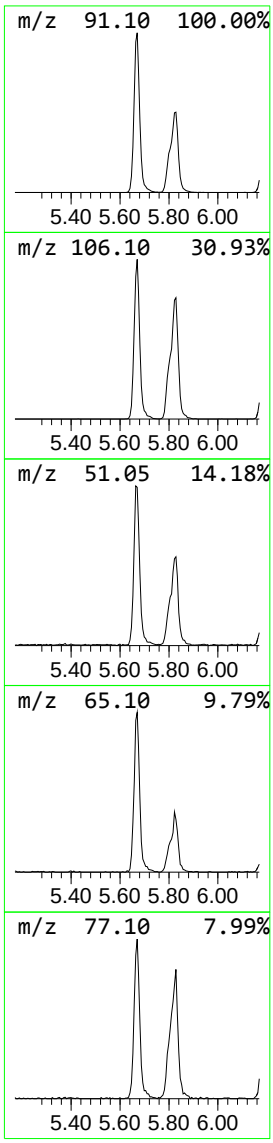
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Ethylbenzene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.670	176.78 ng/ul	2554650	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	p-Xylene	106	C8H10	000106-42-3	80
5	p-Xylene	106	C8H10	000106-42-3	80





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Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

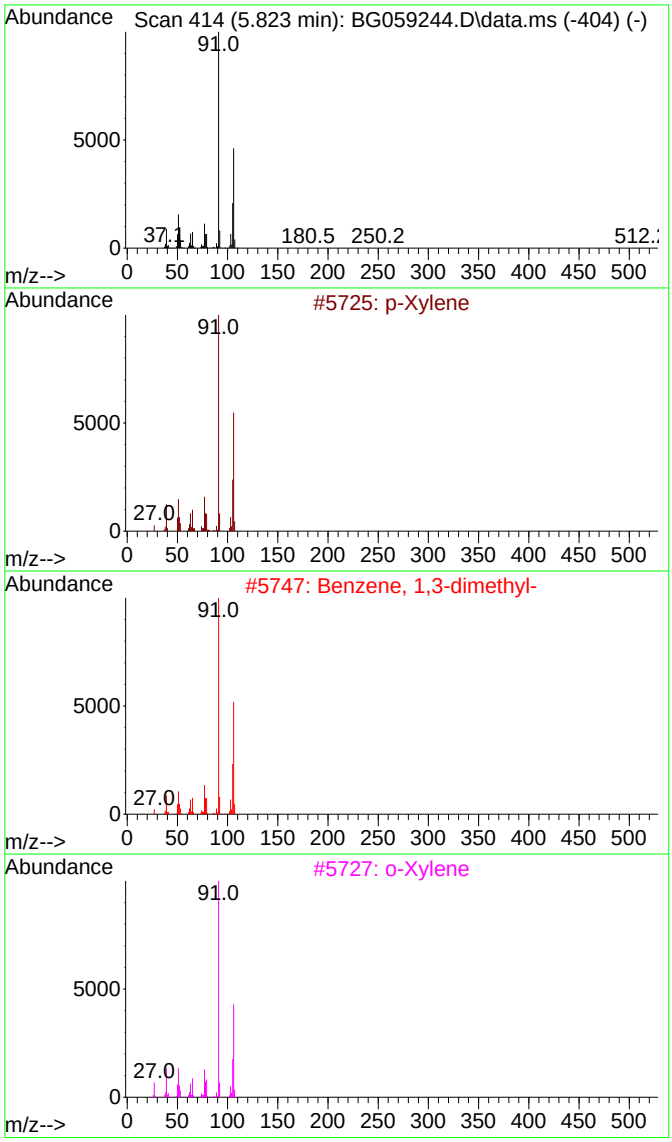
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

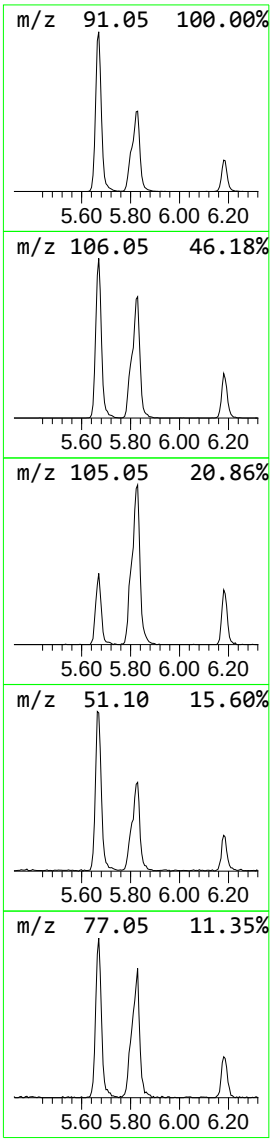
****

Peak Number 12 p-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.823	155.19 ng/ul	2242700	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95





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Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

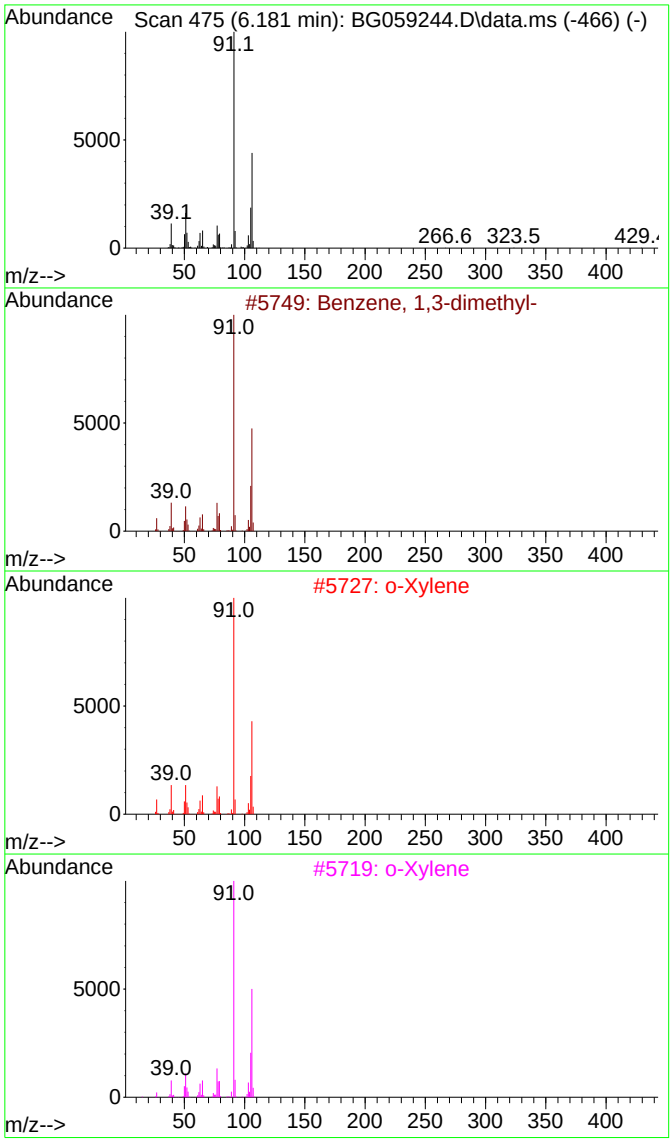
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

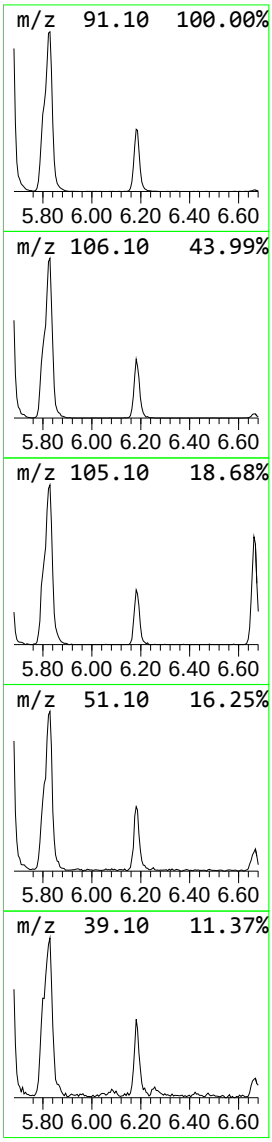
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.181	43.05 ng/ul	622063	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	p-Xylene	106	C8H10	000106-42-3	95





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Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

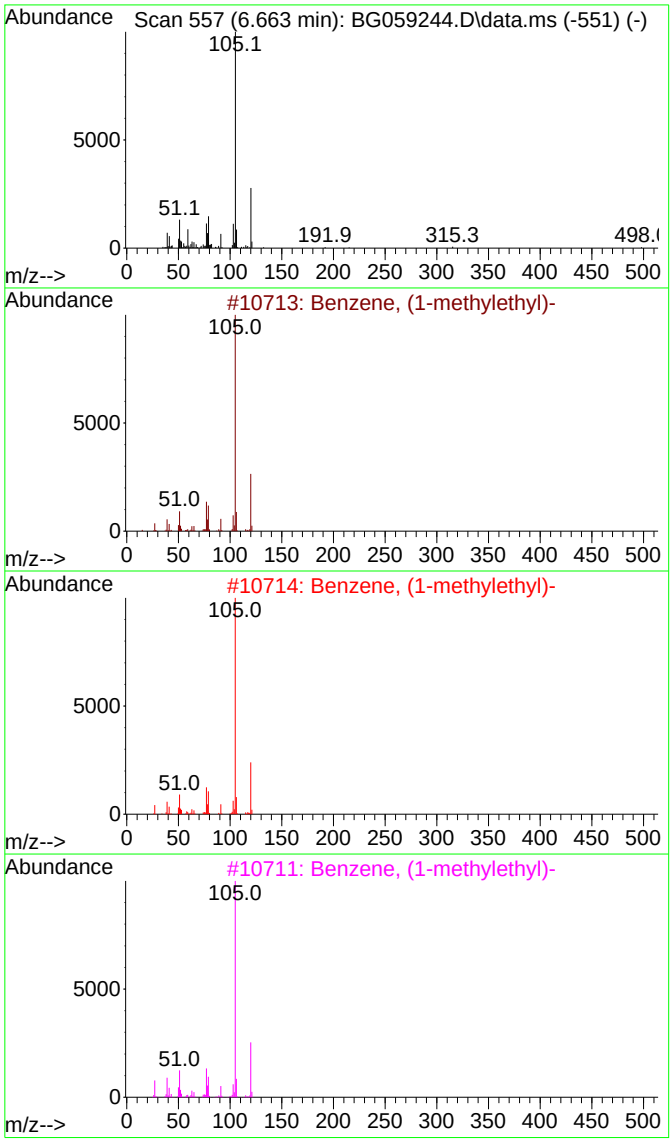
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

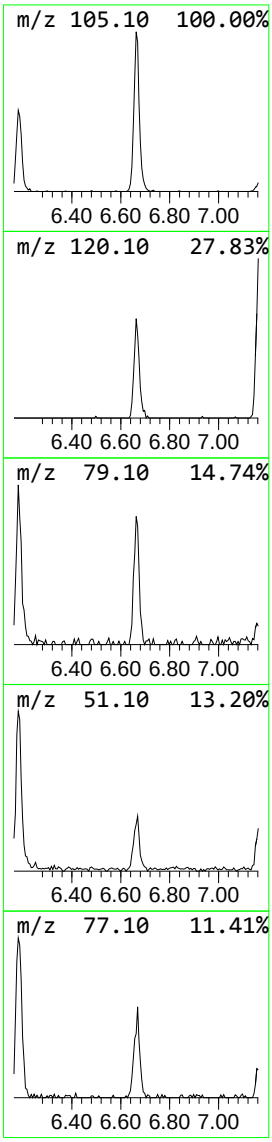
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, (1-methylethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.663	17.72 ng/ul	256125	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	76
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	59





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Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

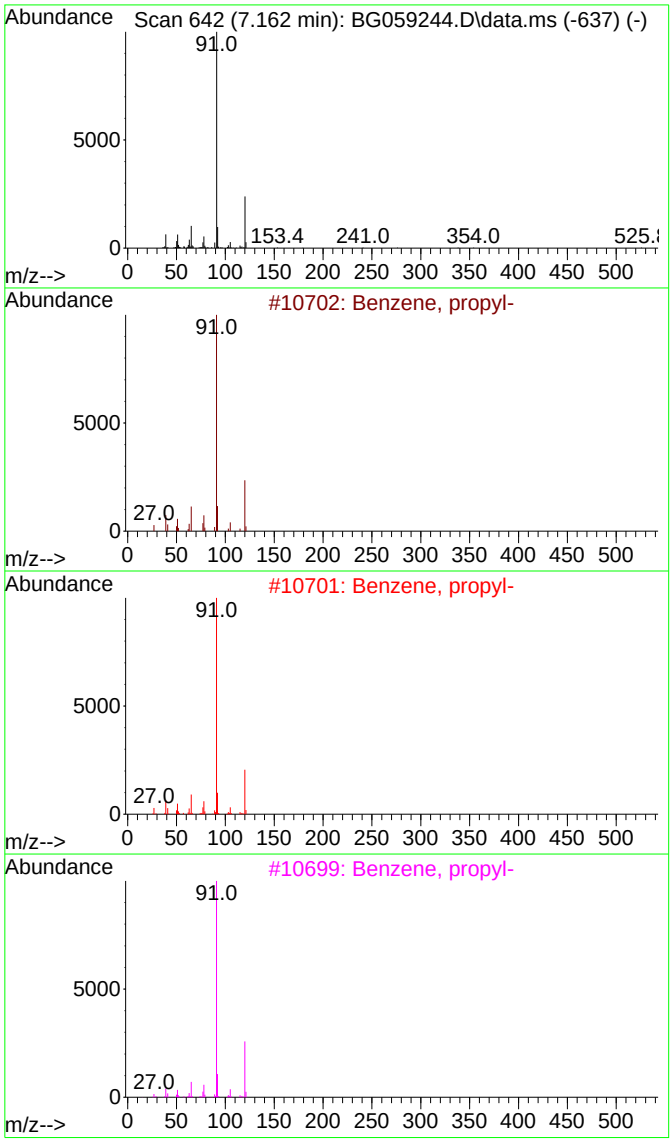
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

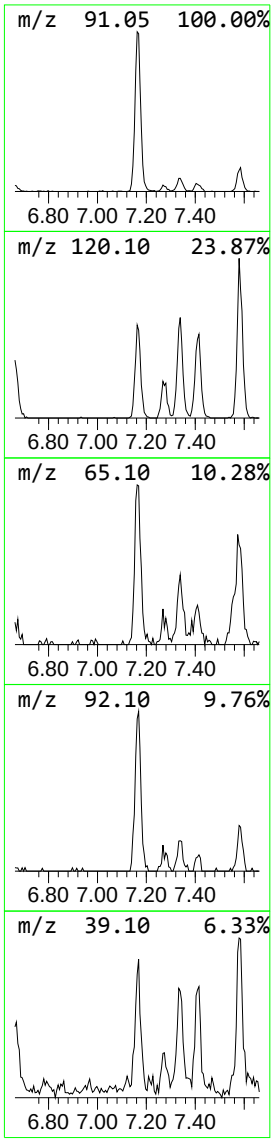
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.162	20.12 ng/ul	290771	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	80
4	Benzene, (ethenyloxy)-	120	C8H8O	000766-94-9	64
5	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	64





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Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

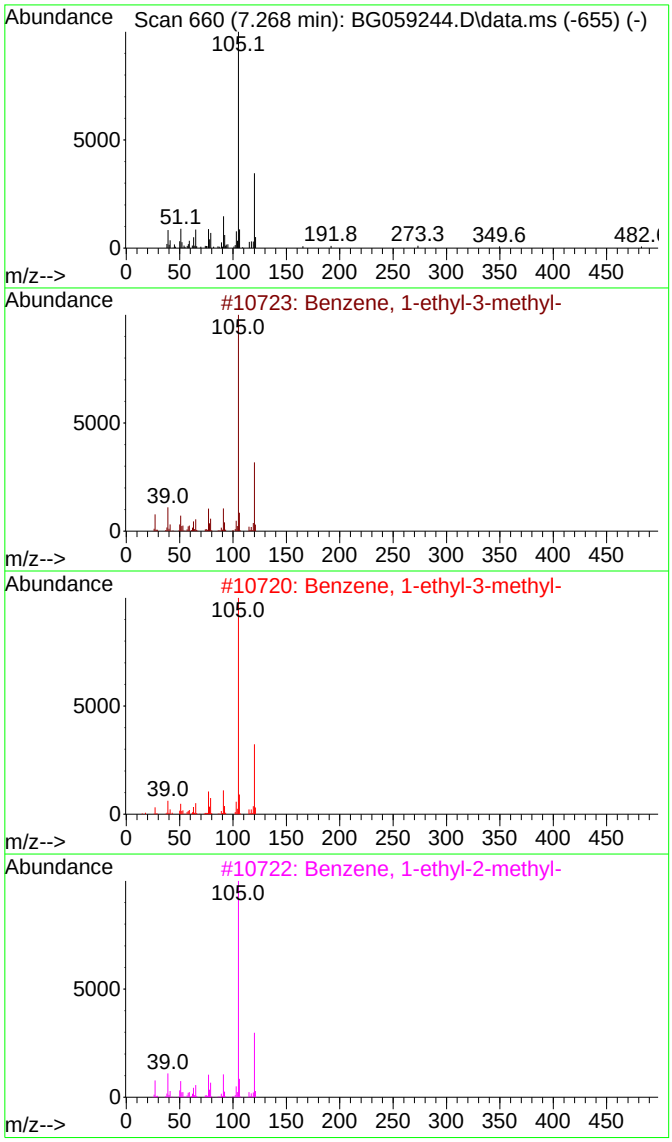
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

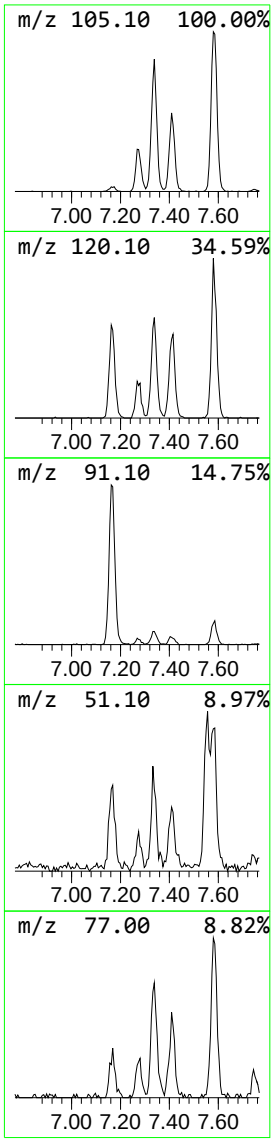
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.268	8.03 ng/ul	116025	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

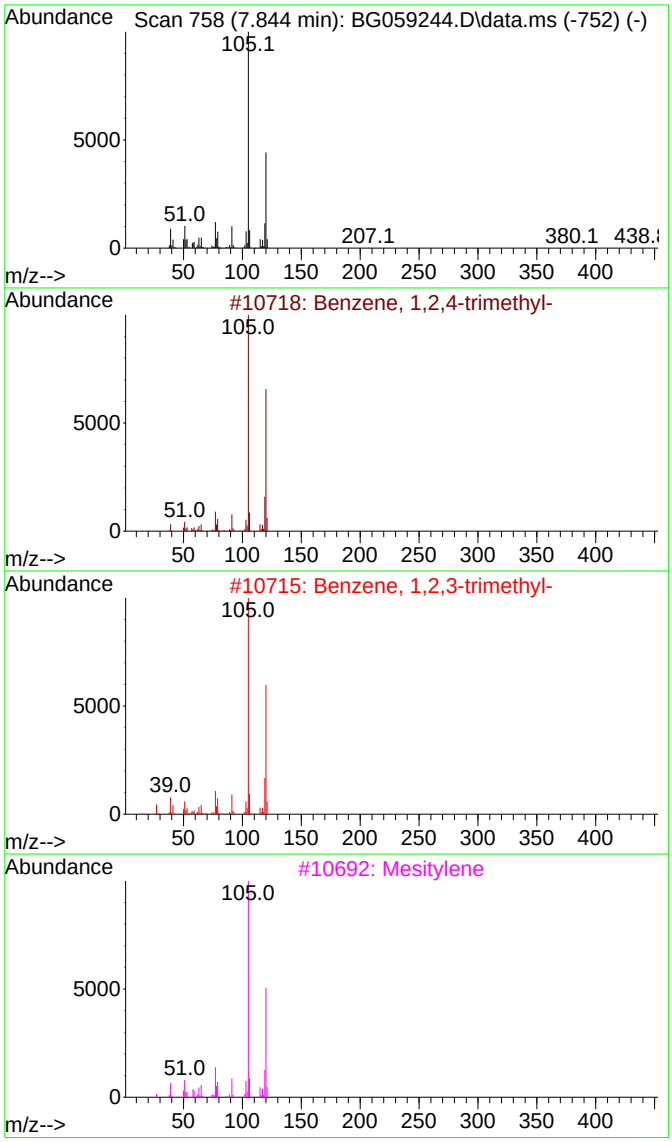
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

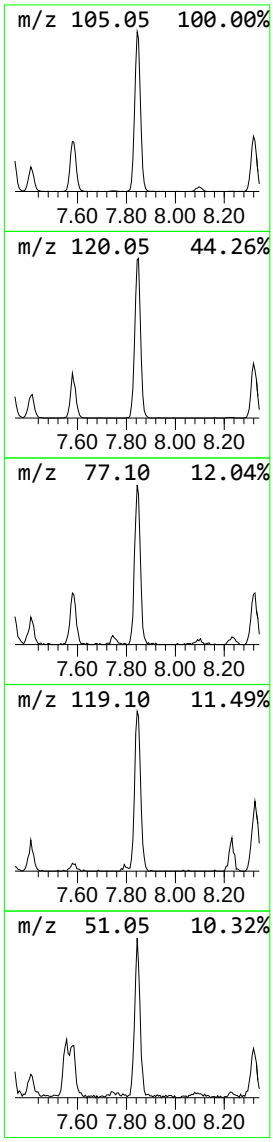
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.844	97.08 ng/ul	1402880	1,4-Dichlorobenzene-d4	8.231

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





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Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

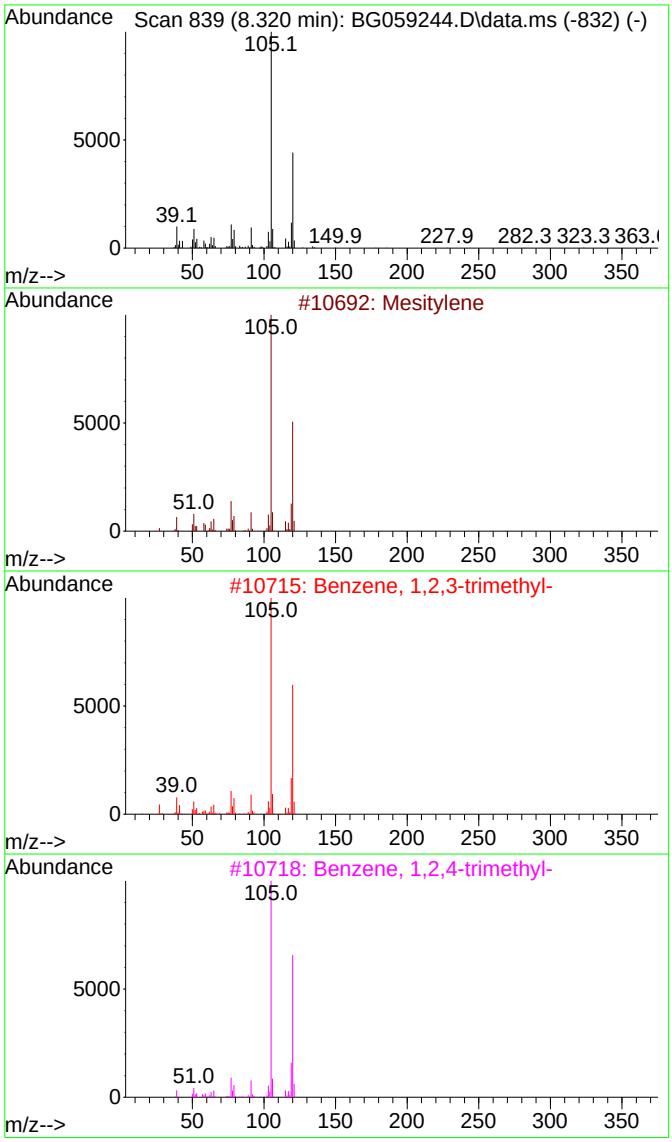
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

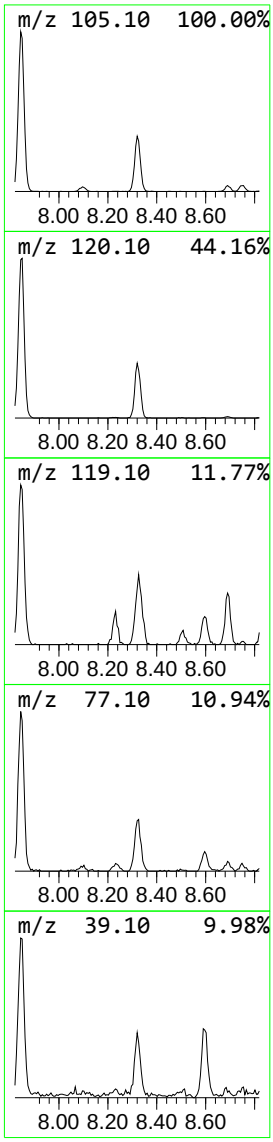
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Mesitylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.320	37.85 ng/ul	547013	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93





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Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

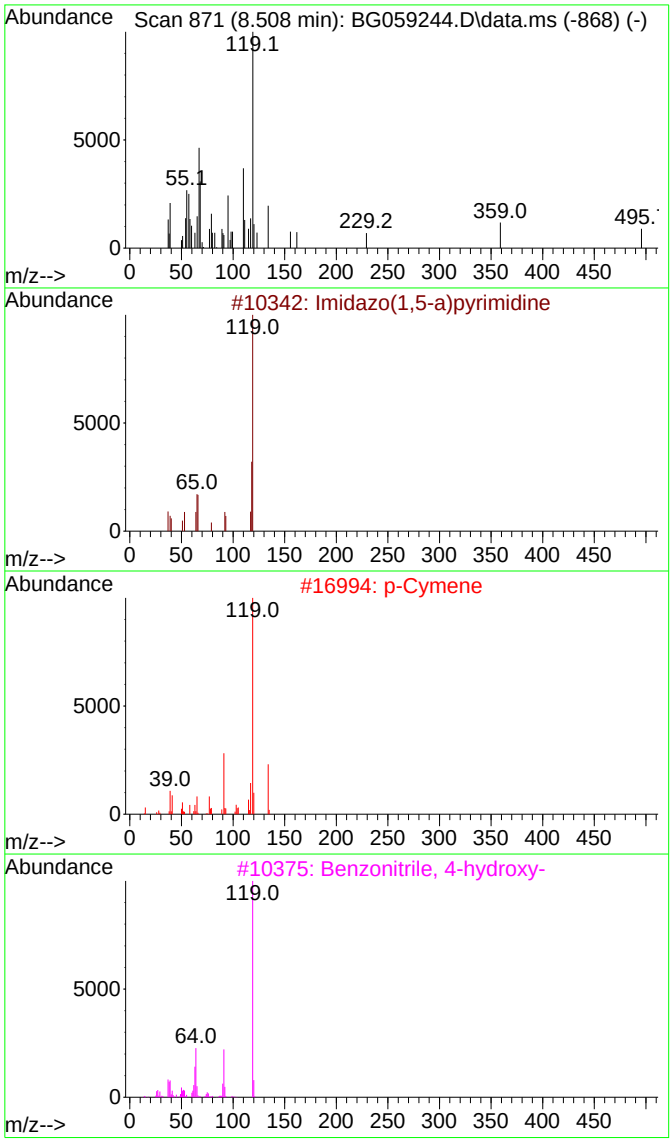
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

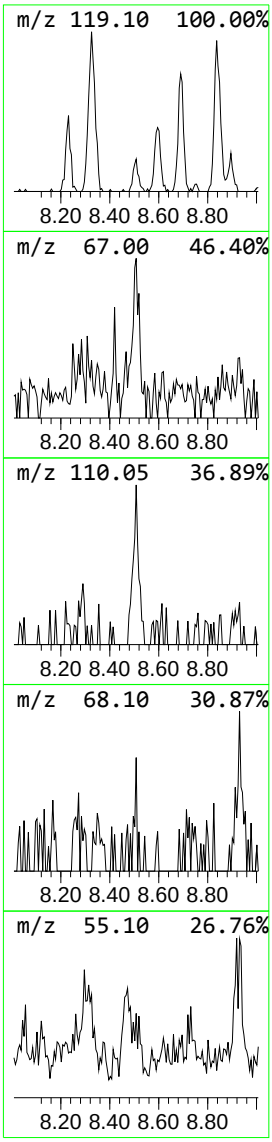
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 unknown-02 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.508	2.92 ng/ul	42125	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazo(1,5-a)pyrimidine	119	C6H5N3	000274-67-9	38
2	p-Cymene	134	C10H14	000099-87-6	38
3	Benzonitrile, 4-hydroxy-	119	C7H5NO	000767-00-0	38
4	Benzonitrile, 4-hydroxy-	119	C7H5NO	000767-00-0	38
5	p-Cymene	134	C10H14	000099-87-6	38





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Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

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

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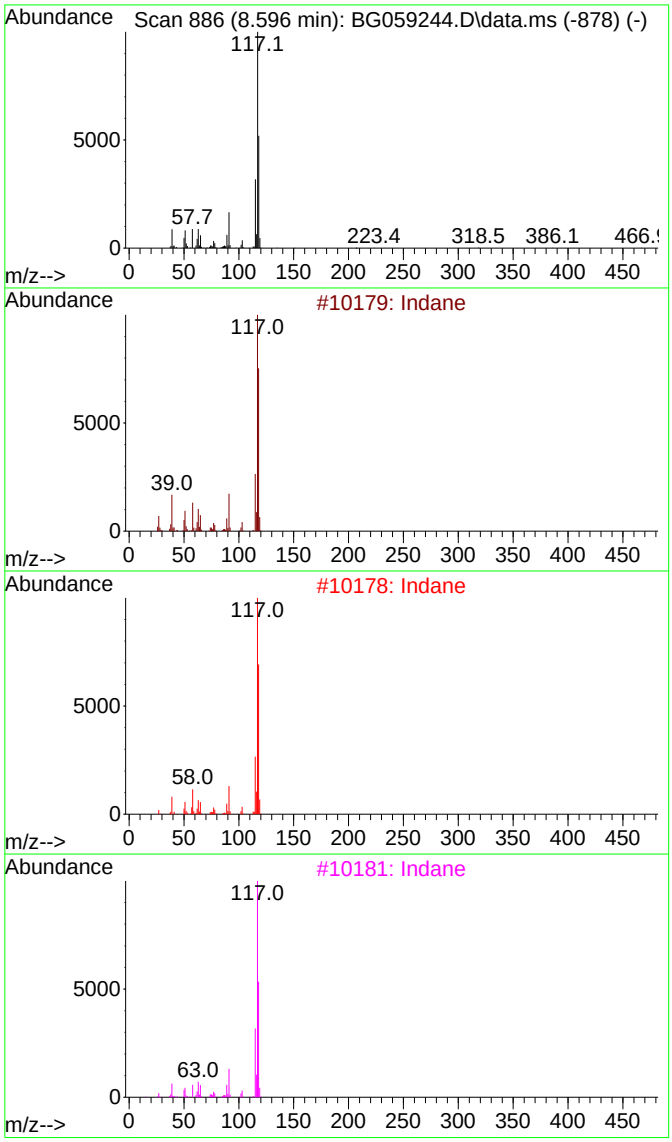
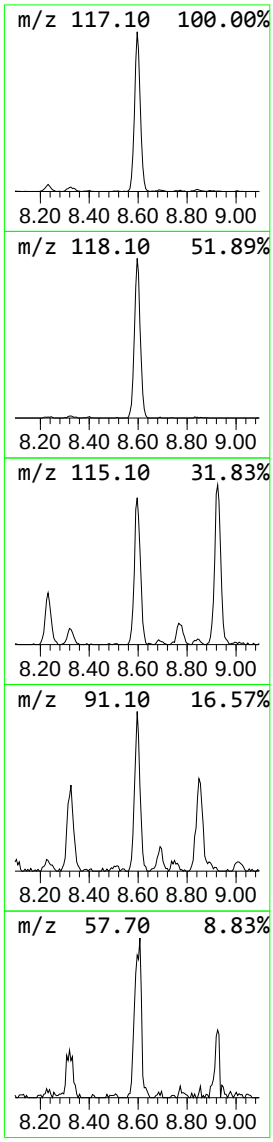
Peak Number 24 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.596	46.68 ng/ul	674593	1,4-Dichlorobenzene-d4	8.231

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	87
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





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Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

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

****
Peak Number 25 Benzene, 1,3-diethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.690	5.68 ng/ul	82069	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
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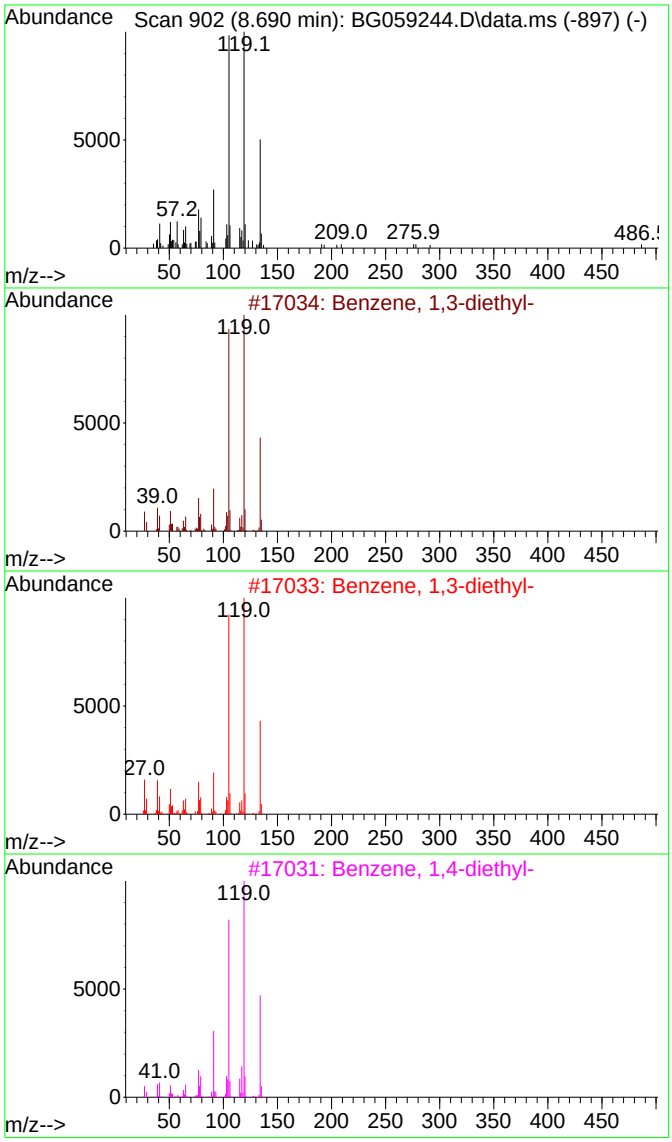

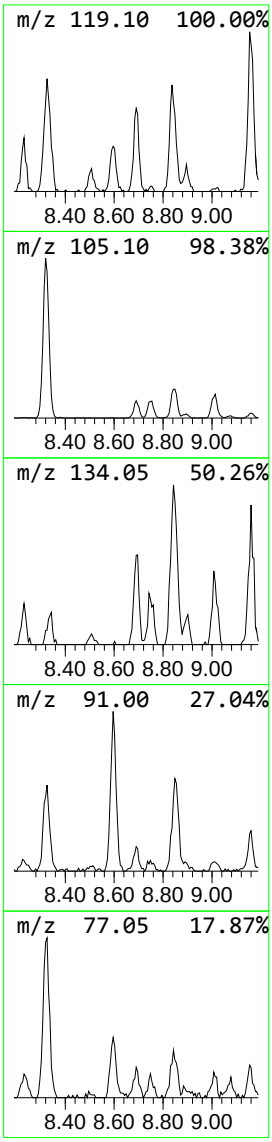

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Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

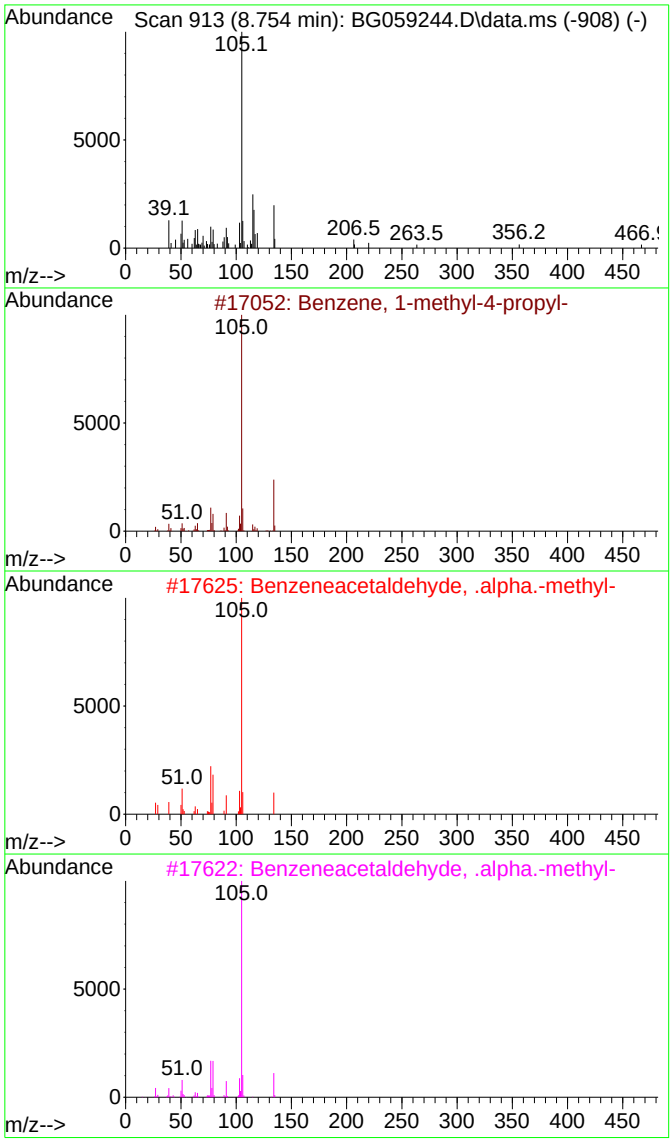
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

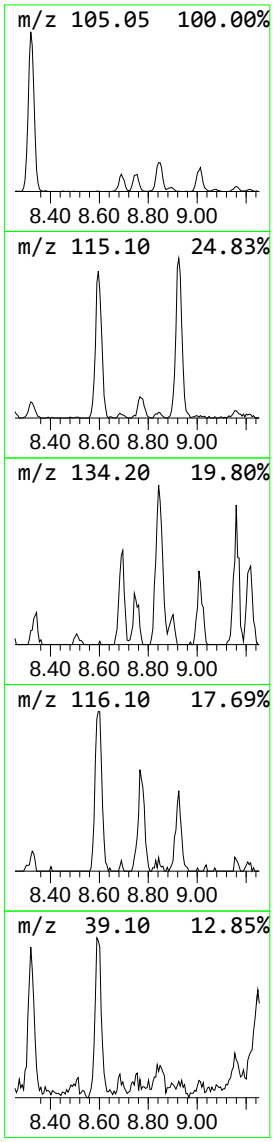
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 unknown-03 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.754	4.67 ng/ul	67481	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

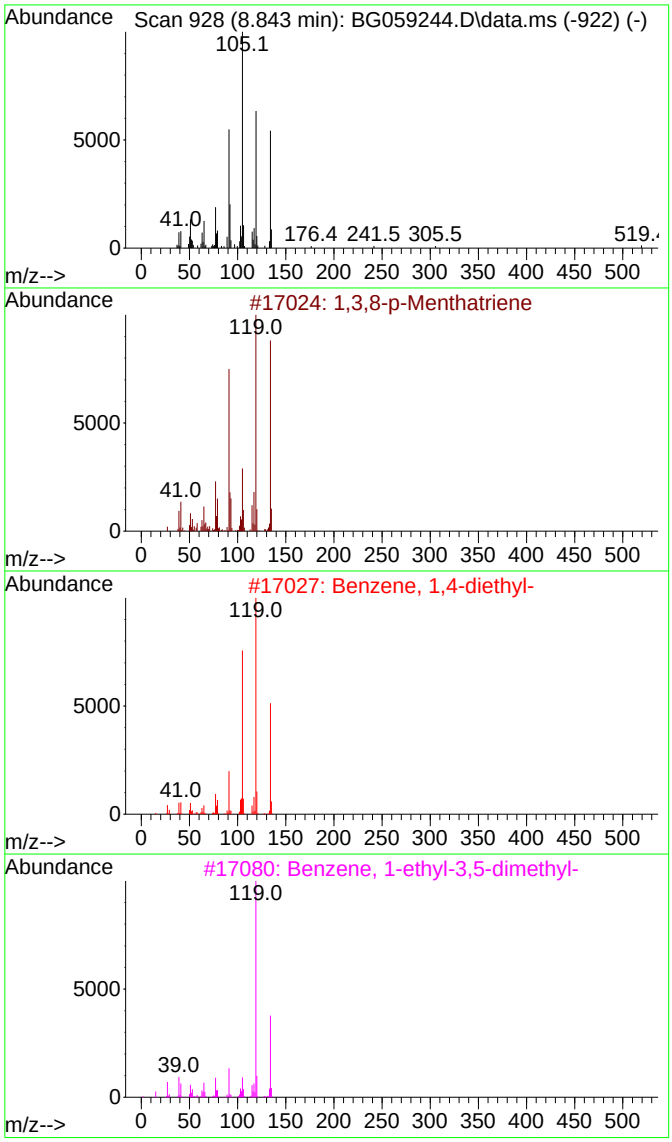
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

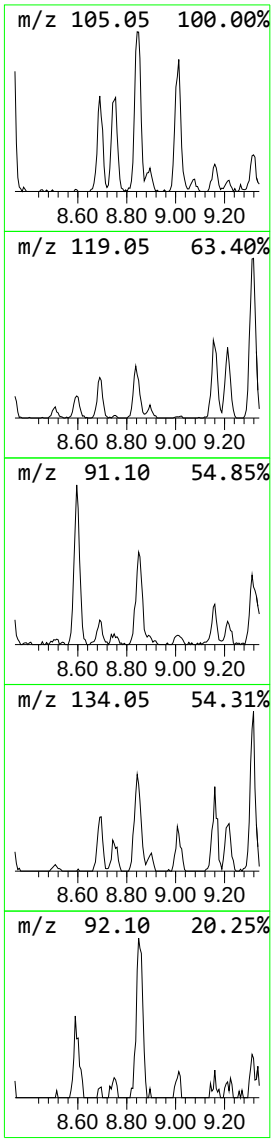
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,3,8-p-Menthatriene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.843	11.36 ng/ul	164201	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	93
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	83
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

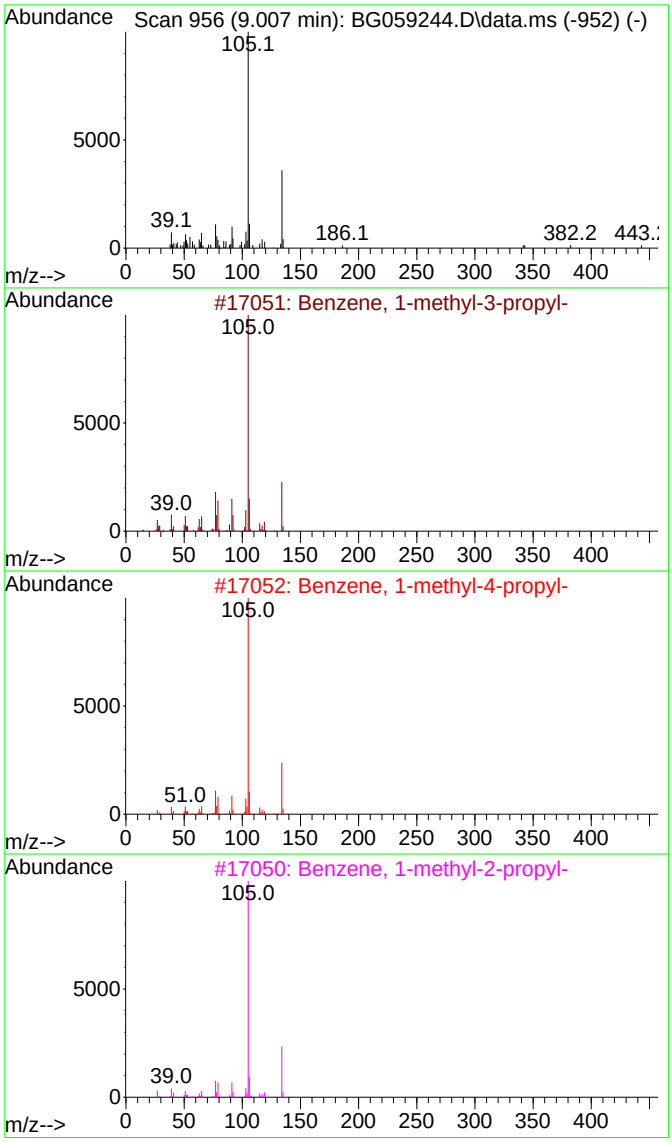
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

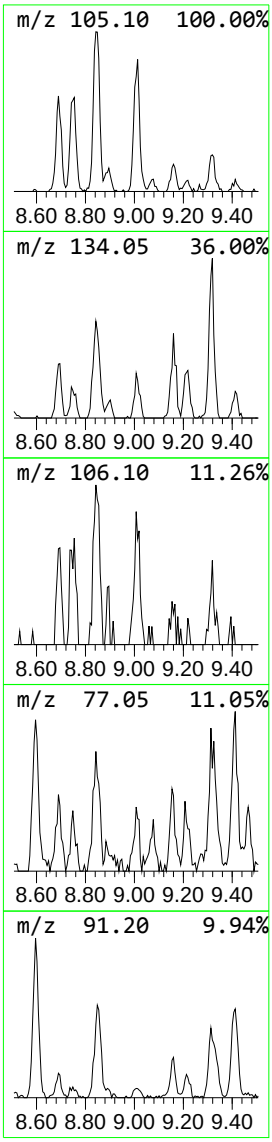
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1-methyl-3-propyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.007	3.97 ng/ul	57399	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	74
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72





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Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

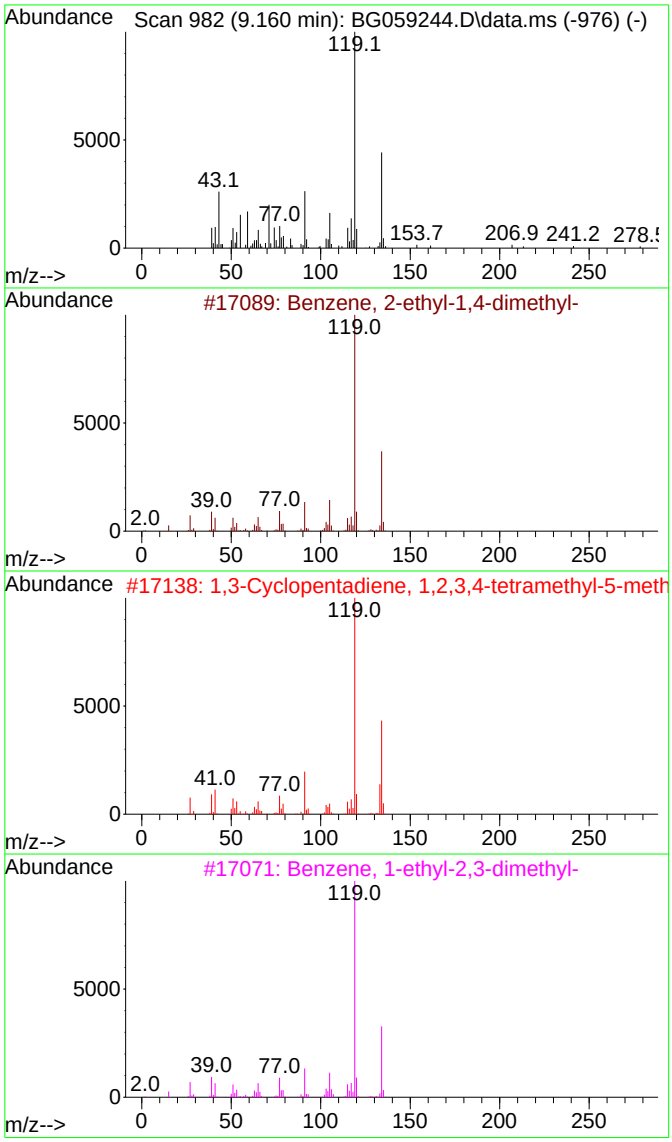
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

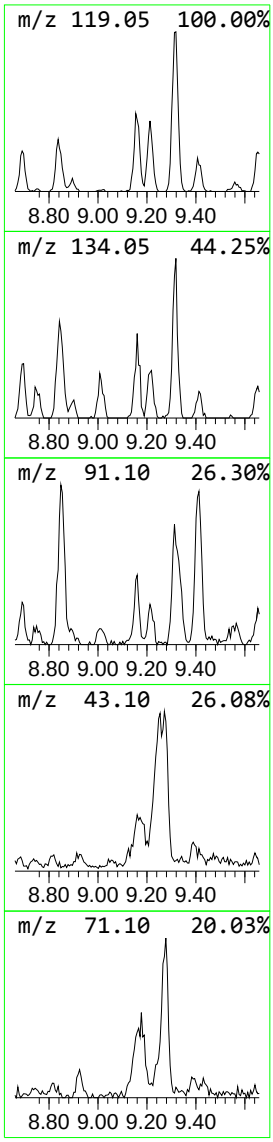
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.160	11.06 ng/ul	159877	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81





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Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

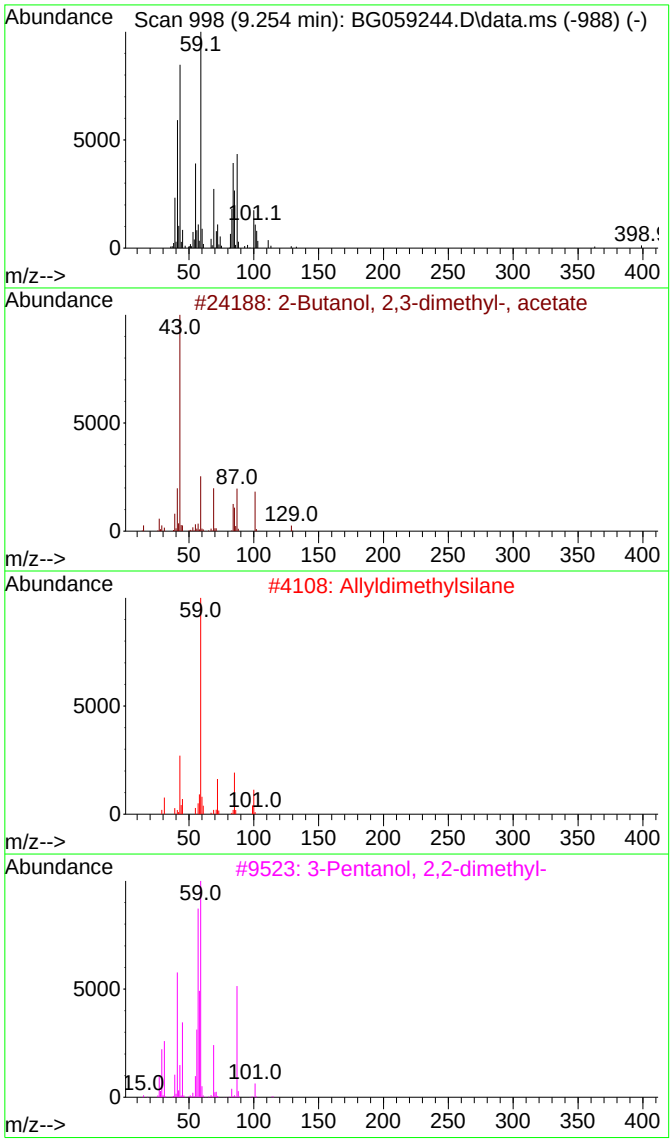
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

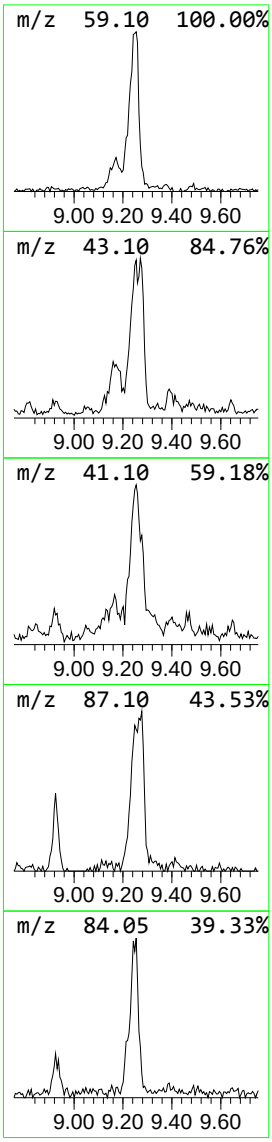
****

Peak Number 30 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.254	37.97 ng/ul	548683	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-, acetate	144	C8H16O2	004806-33-1	47
2	Allyldimethylsilane	100	C5H12Si	003937-30-2	38
3	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	37
4	1-(1-Methoxypropan-2-yloxy)propa...	232	C12H24O4	1000367-13-2	32
5	Epoxy-linalooloxide	186	C10H18O3	1000007-96-5	32





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Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

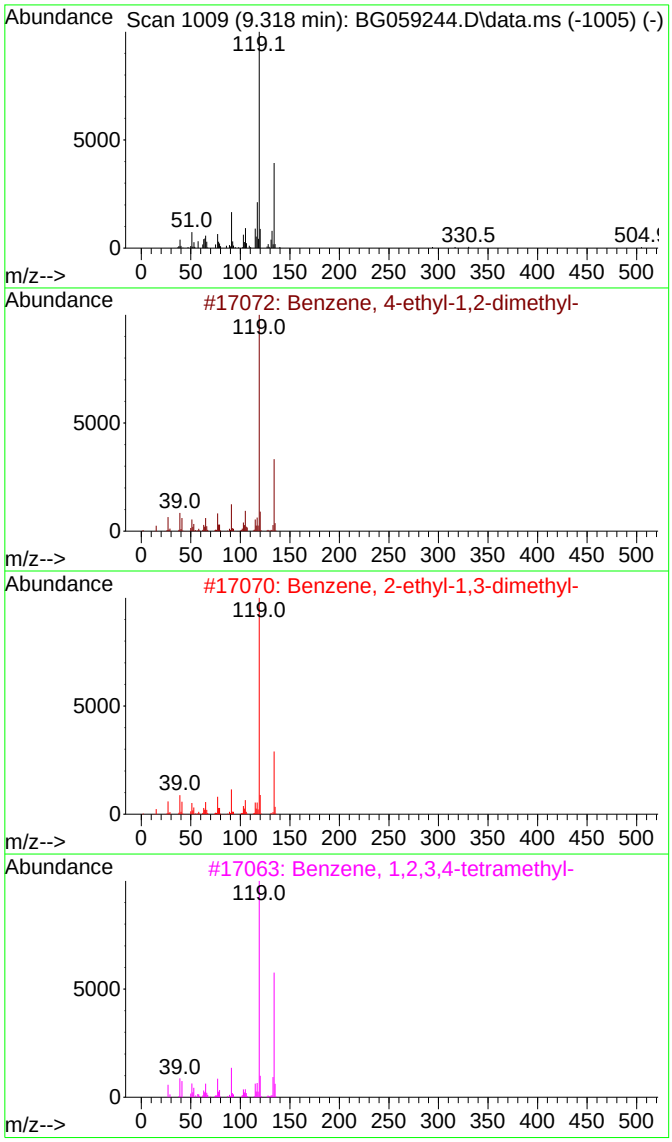
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

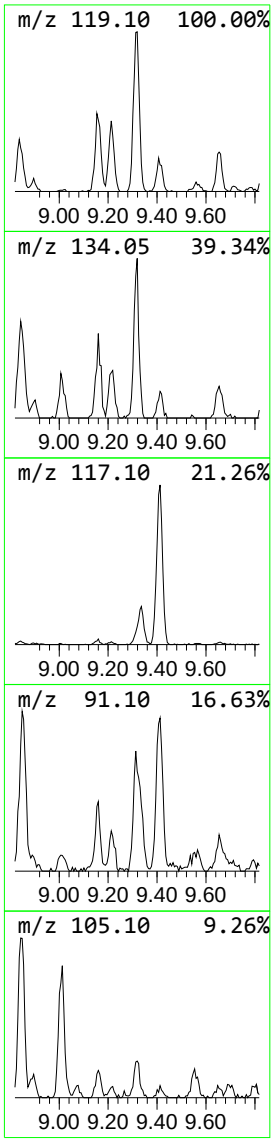
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.318	20.41 ng/ul	295016	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

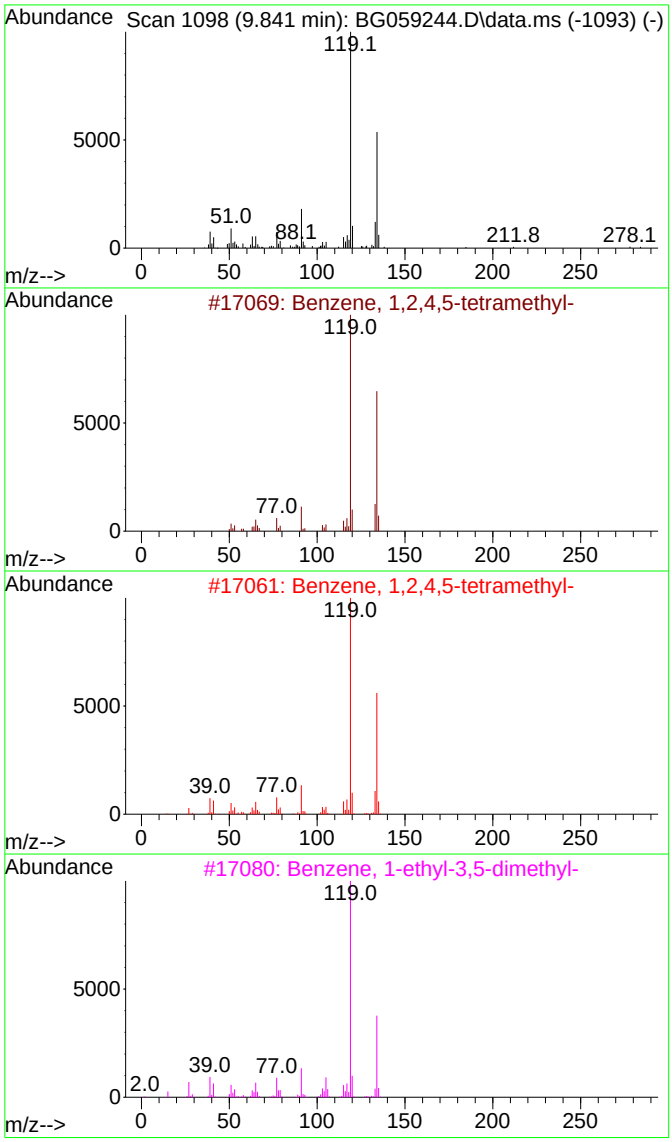
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

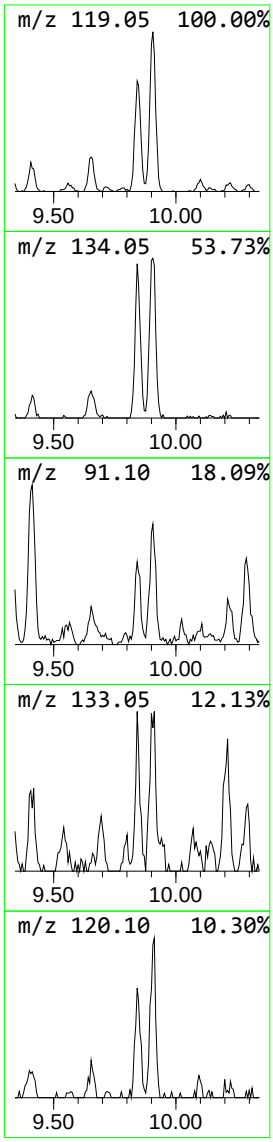
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.841	6.26 ng/ul	168485	Naphthalene-d8	11.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

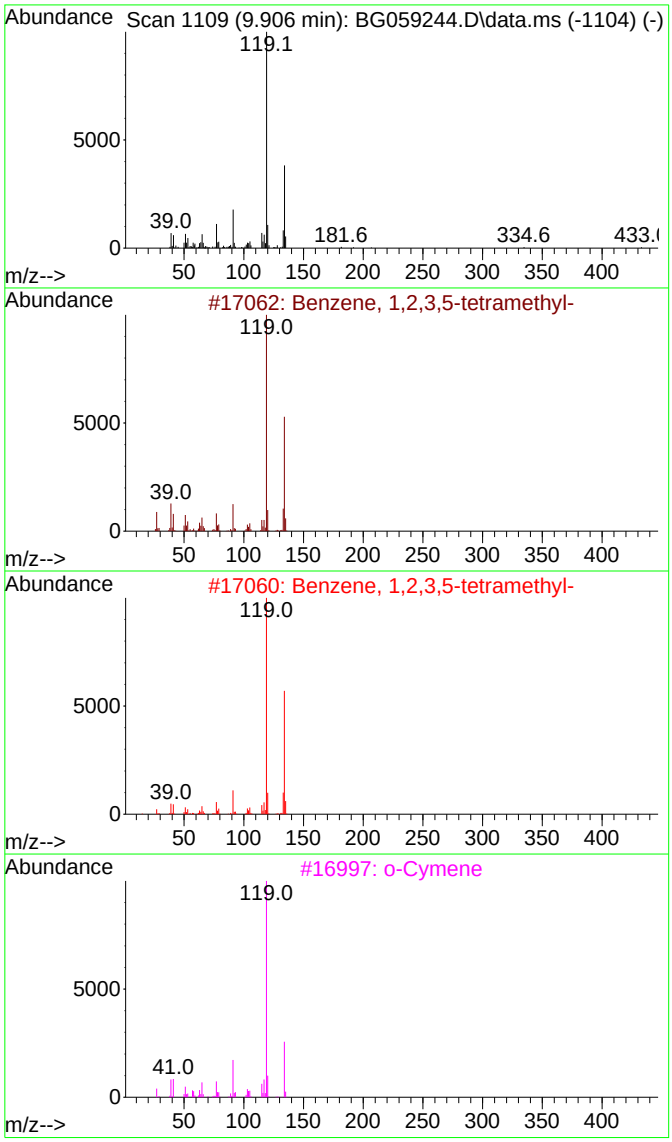
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

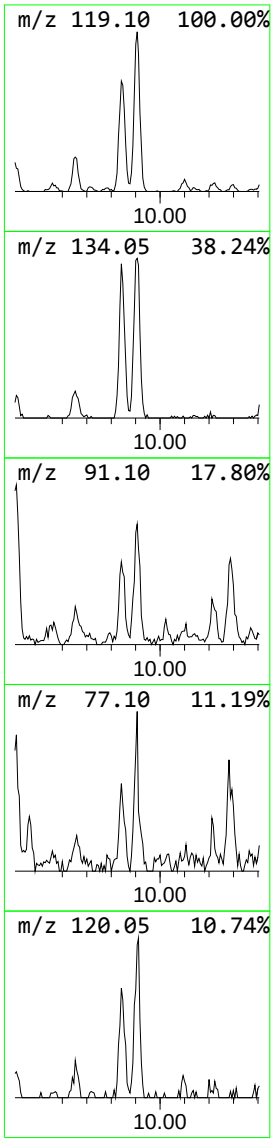
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.906	9.88 ng/ul	265629	Naphthalene-d8	11.075

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

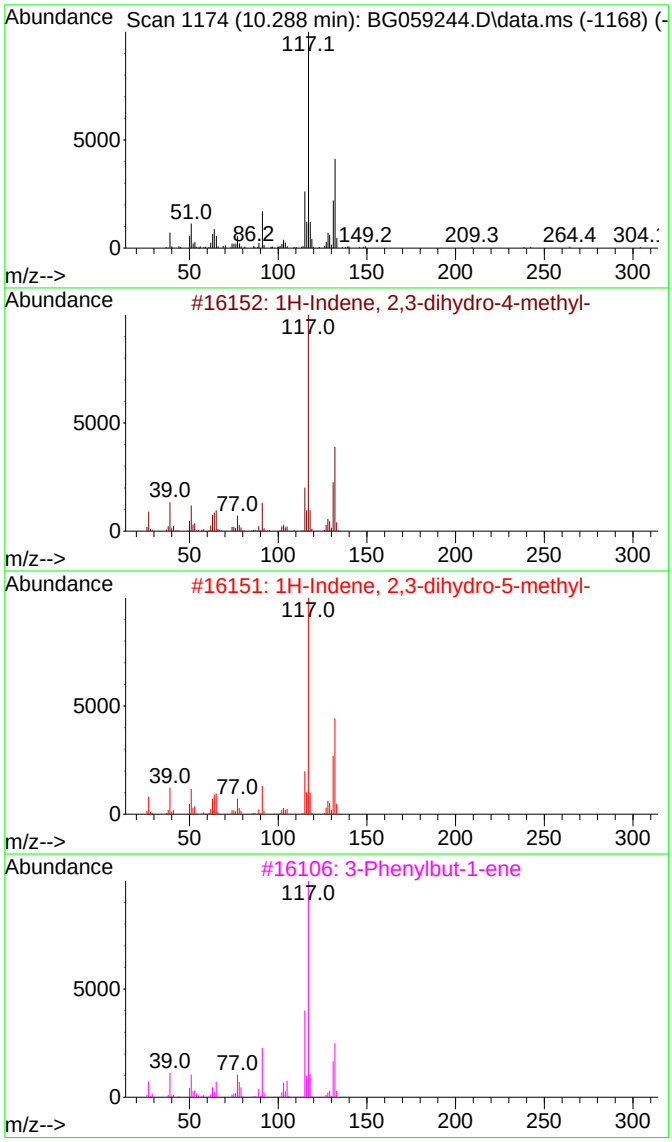
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

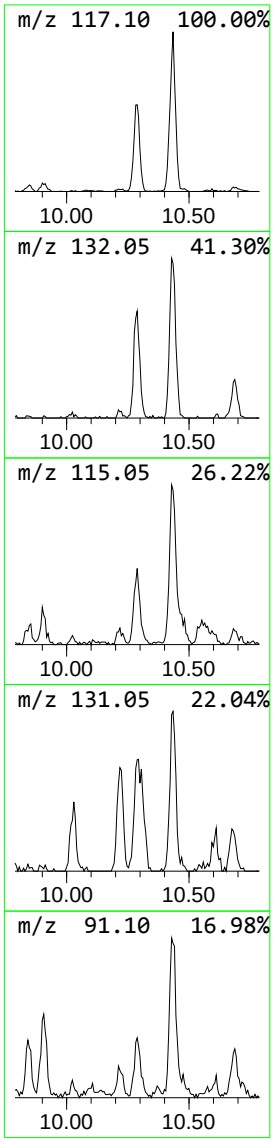
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.288	9.84 ng/ul	264765	Naphthalene-d8	11.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	90
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





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Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

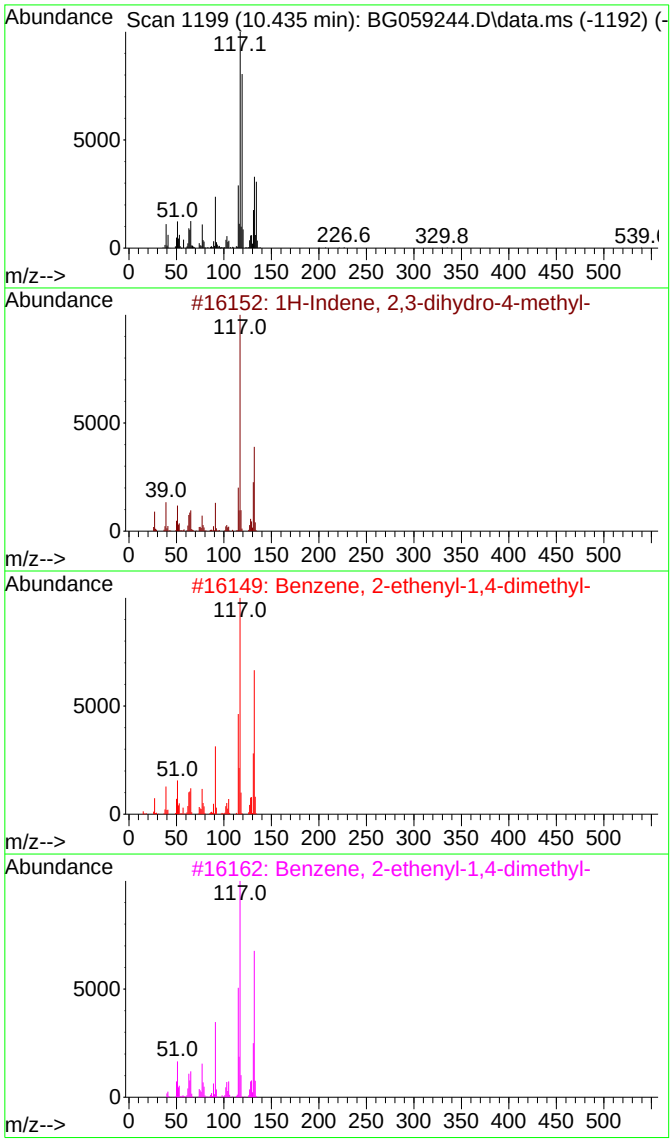
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

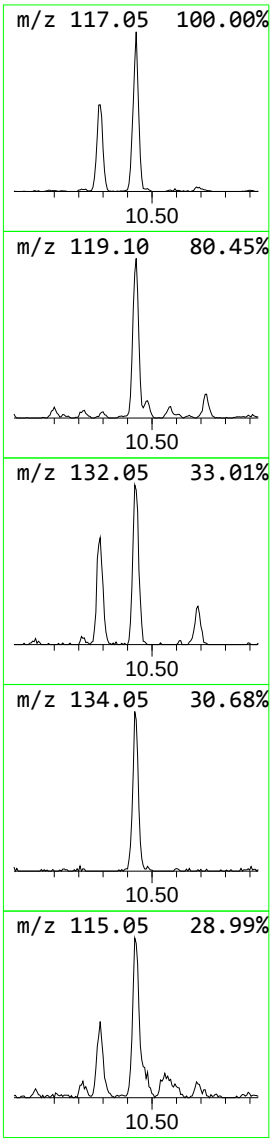
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.435	21.69 ng/ul	583289	Naphthalene-d8	11.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	60
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

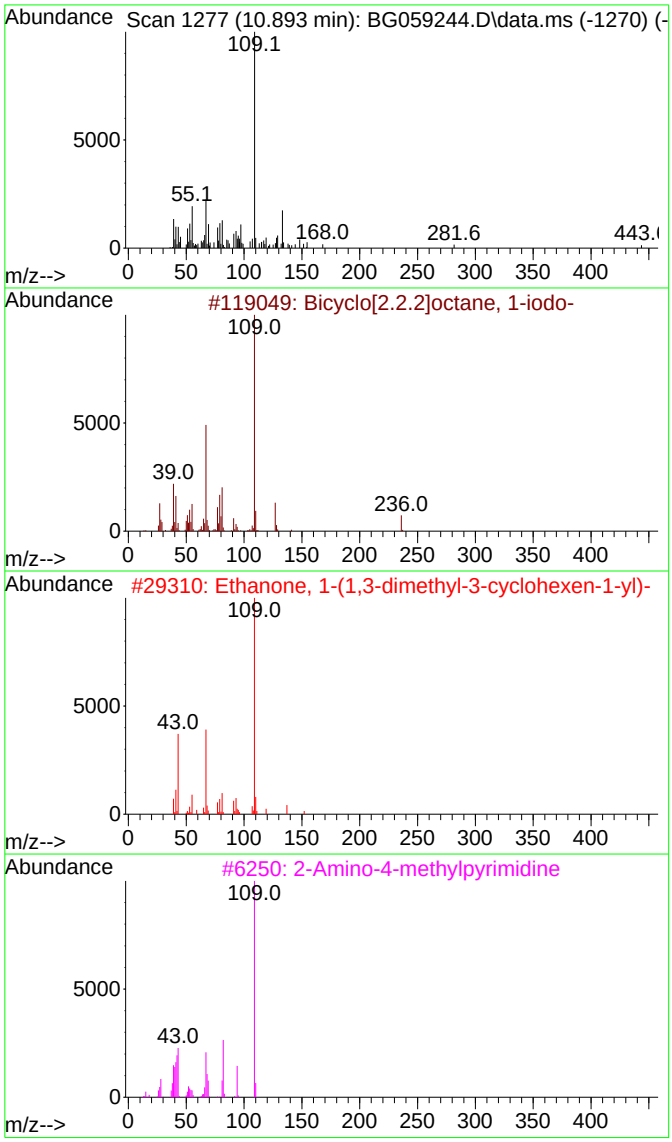
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

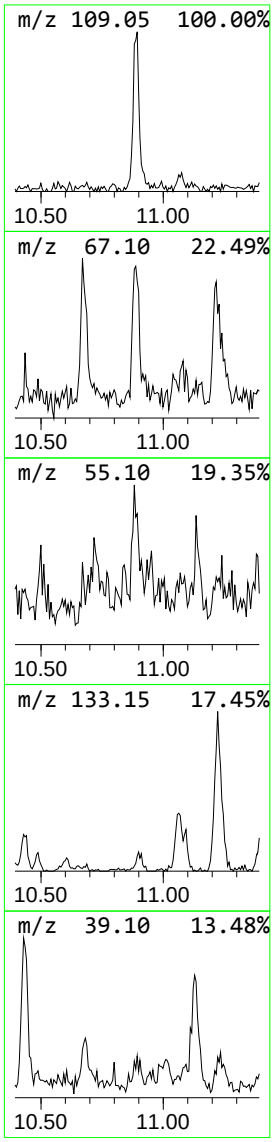
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Bicyclo[2.2.2]octane, 1-iodo- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.893	4.16 ng/ul	111808	Naphthalene-d8	11.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane, 1-iodo-	236	C8H13I	000931-98-6	53
2	Ethanone, 1-(1,3-dimethyl-3-cycl...	152	C10H16O	051733-68-7	53
3	2-Amino-4-methylpyrimidine	109	C5H7N3	000108-52-1	50
4	Cyclopropanecarboxylic acid, 2,2...	168	C10H16O2	033383-56-1	50
5	Glutaric acid, (2-methylcyclohex...	350	C19H23ClO4	1000405-50-8	45





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Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

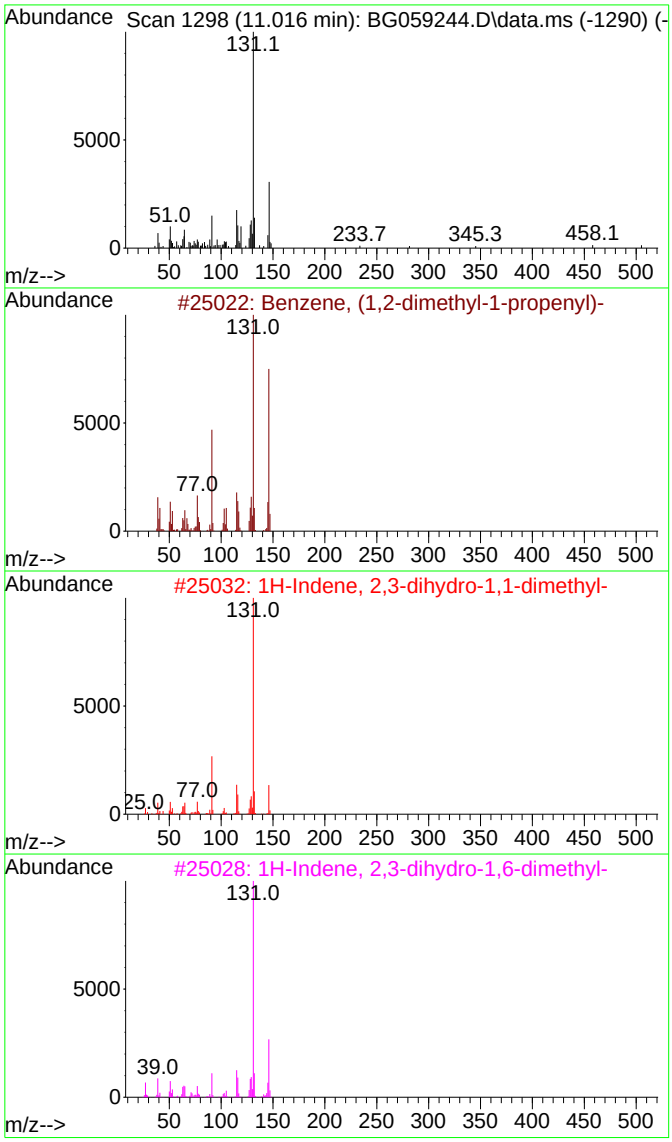
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

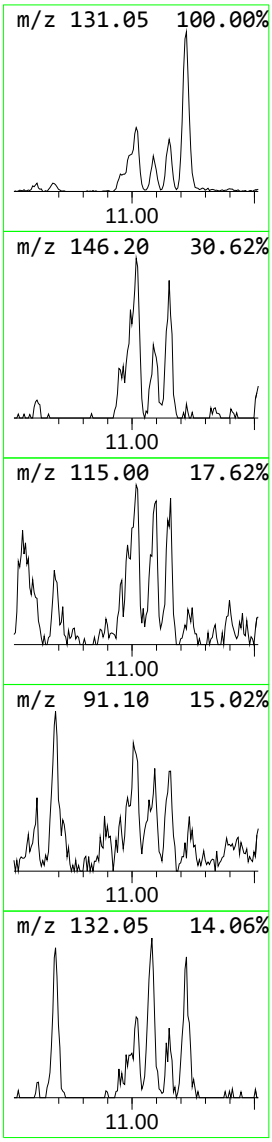
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.016	7.24 ng/ul	194699	Naphthalene-d8	11.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87





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Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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LabSampleId :
SSTDCCC020EC

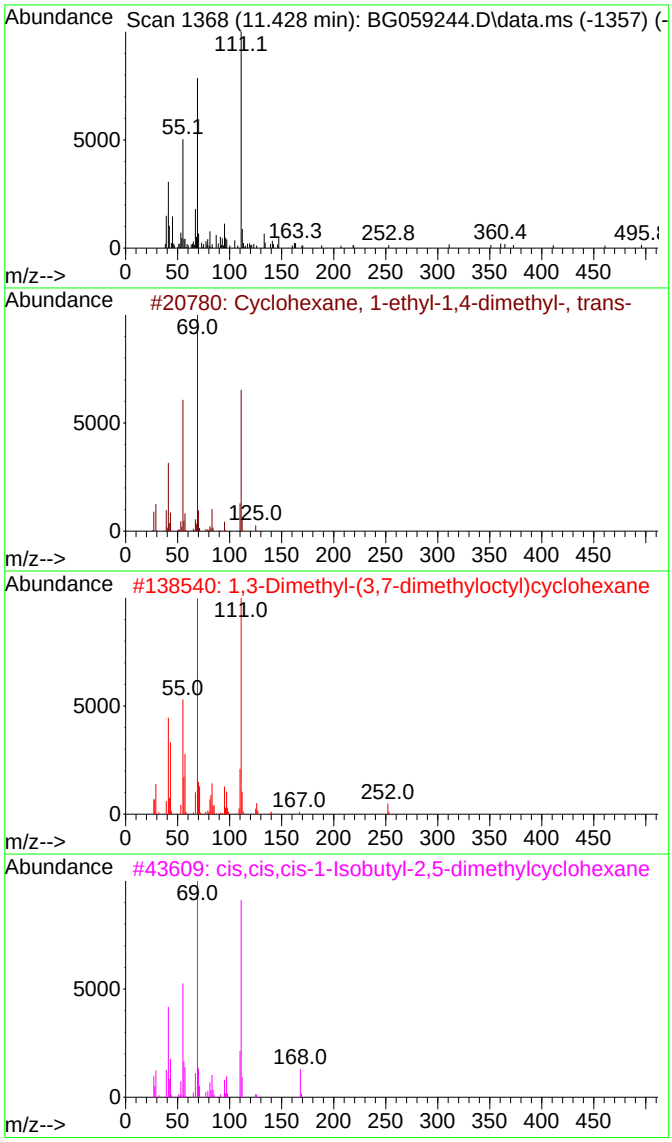
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

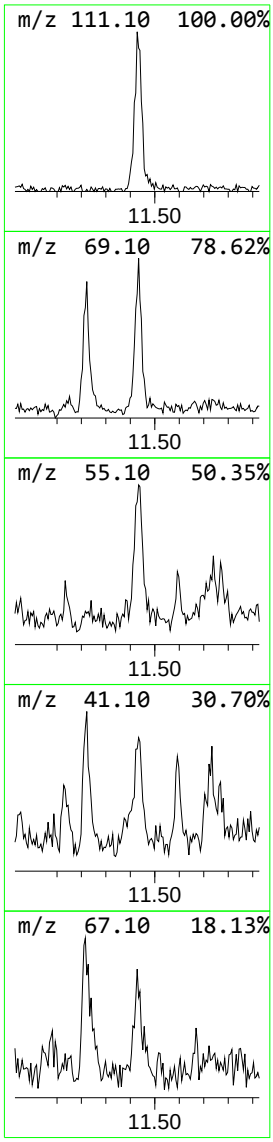
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Cyclic11.428 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.428	7.36 ng/ul	198043	Naphthalene-d8	11.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	72
2	1,3-Dimethyl-(3,7-dimethyloctyl)...	252	C18H36	1000113-02-4	64
3	cis,cis,cis-1-Isobutyl-2,5-dimet...	168	C12H24	1000113-60-0	64
4	Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	56
5	2-Heptenoic acid, tridec-2-yn-1-...	306	C20H34O2	1000406-94-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

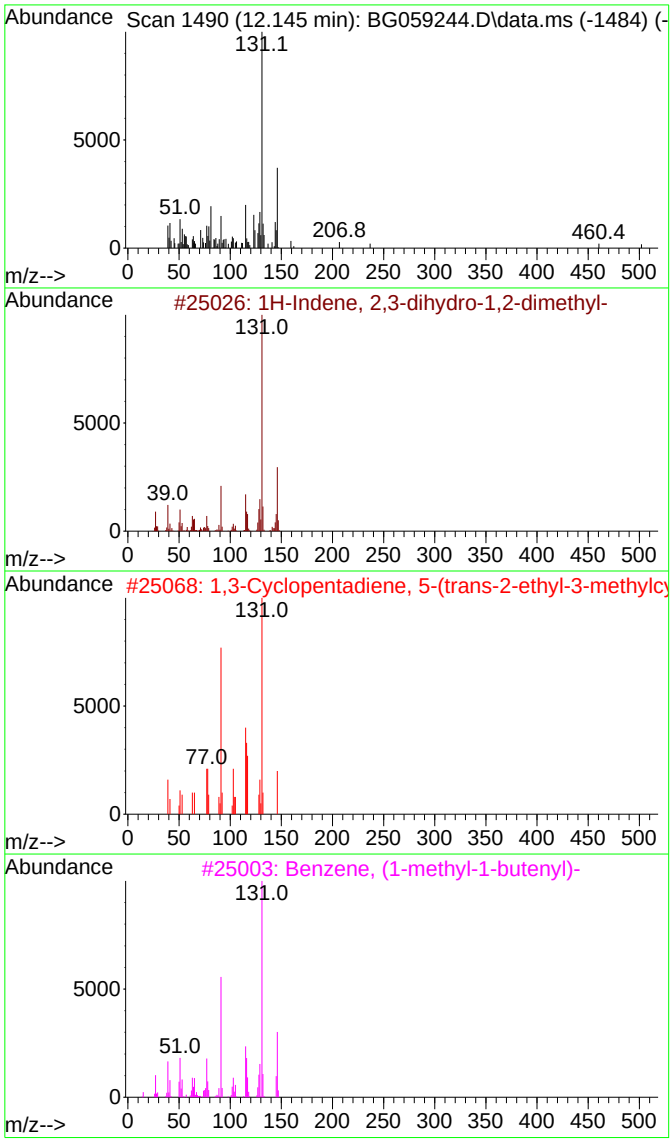
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

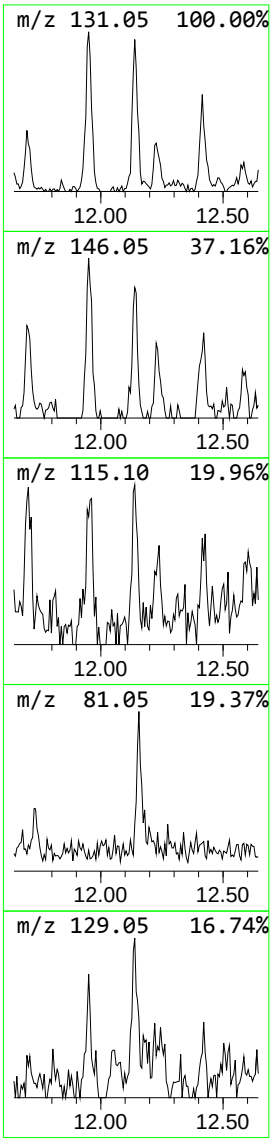
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	3.62 ng/ul	97451	Naphthalene-d8	11.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	87
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	87
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

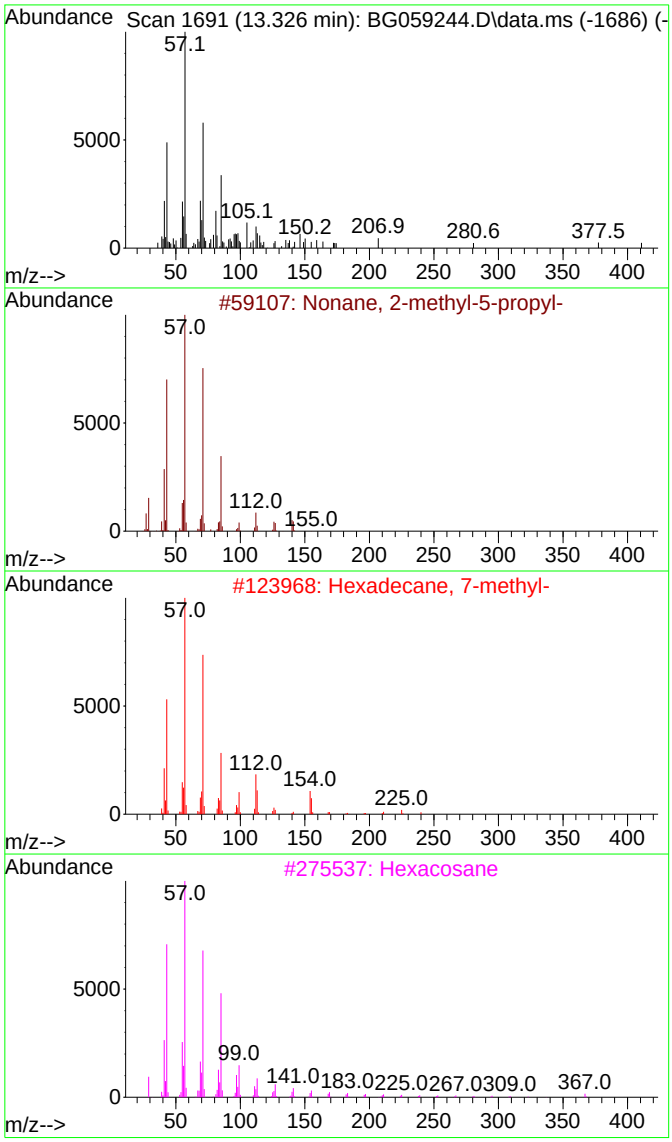
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

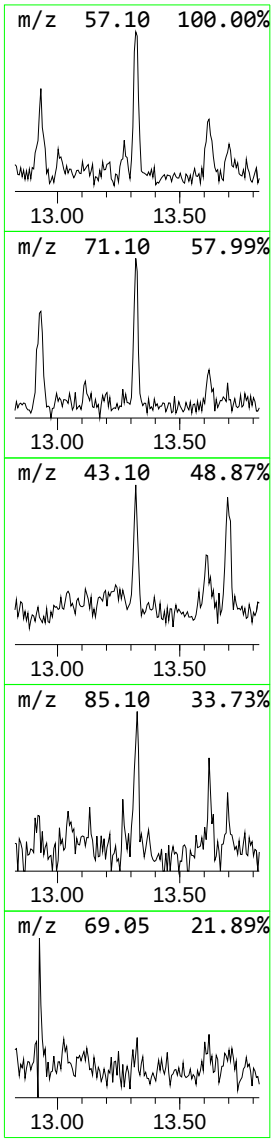
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.326	2.02 ng/ul	53348	Acenaphthene-d10	14.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
3	Hexacosane	366	C26H54	000630-01-3	59
4	Heptadecane	240	C17H36	000629-78-7	59
5	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

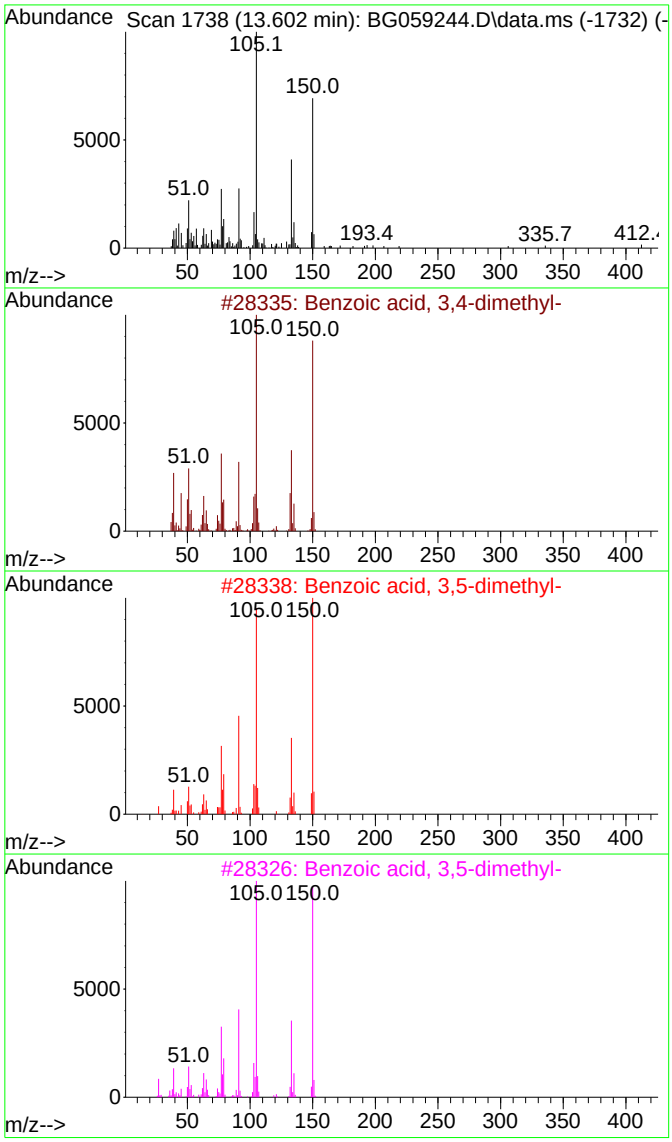
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

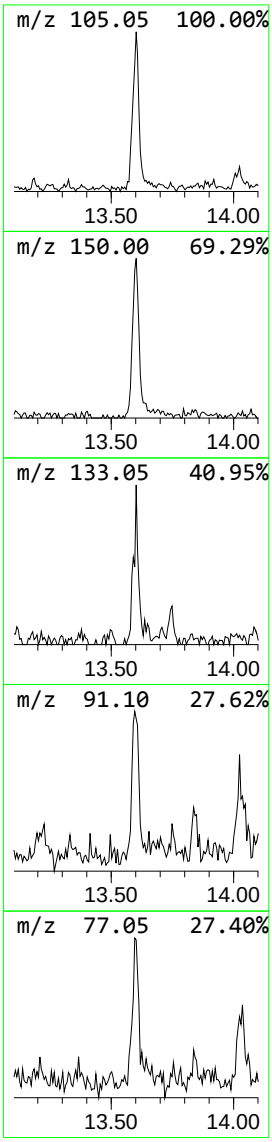
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzoic acid, 3,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.602	6.86 ng/ul	180852	Acenaphthene-d10	14.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	91
2	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	81
3	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	74
4	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	68
5	p-Tolylacetic acid	150	C9H10O2	000622-47-9	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

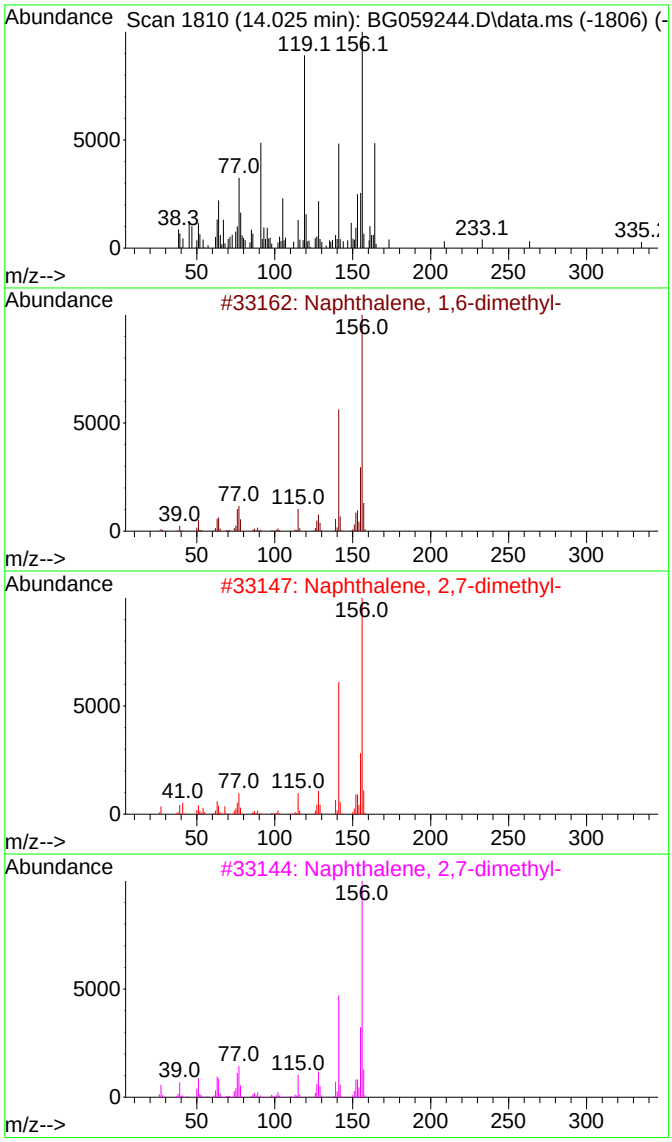
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

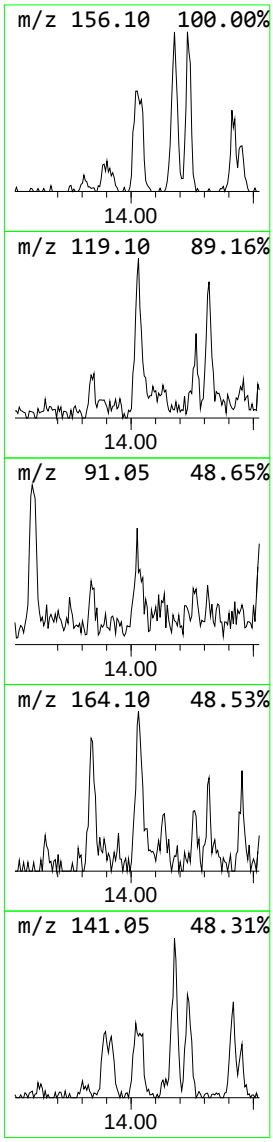
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 unknown-05 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.025	5.46 ng/ul	143835	Acenaphthene-d10	14.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	45
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	45
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	41
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	41
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

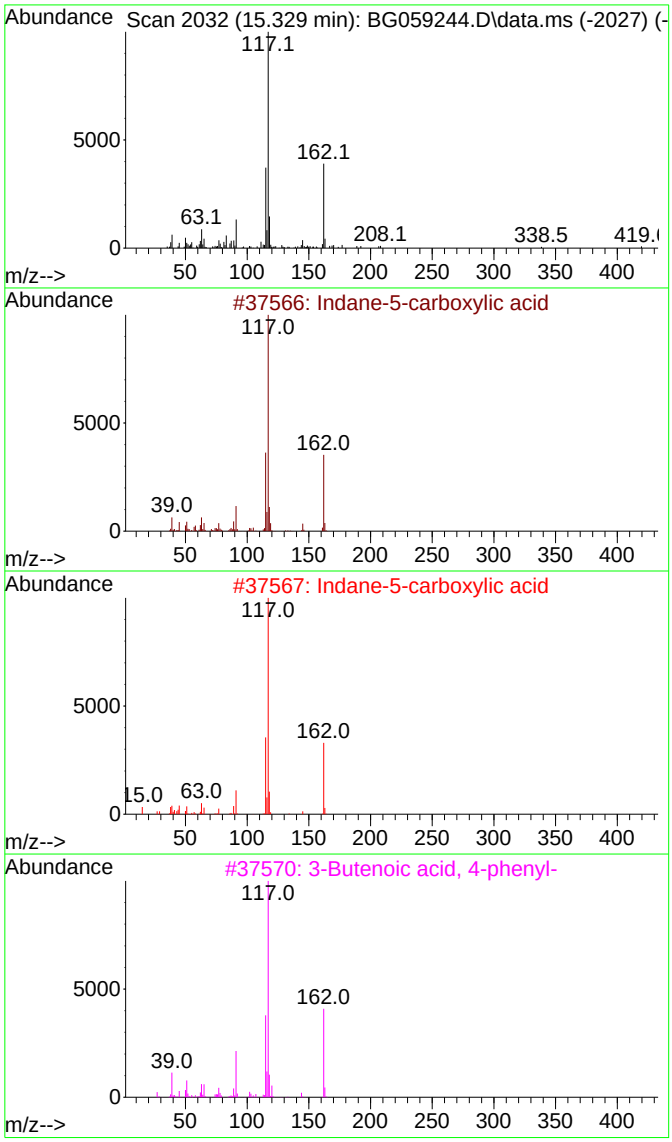
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

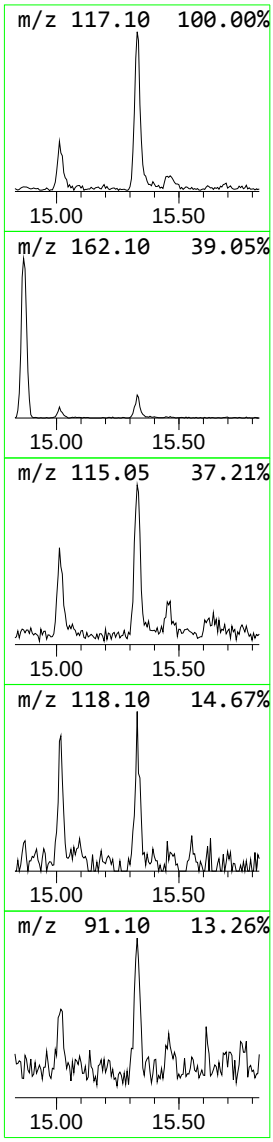
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Indane-5-carboxylic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.329	6.07 ng/ul	159861	Acenaphthene-d10	14.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	91
2	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	91
3	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	86
4	Cyclopropanecarboxylic acid, tra...	218	C14H18O2	1000405-99-3	56
5	3-Penten-2-one, 5-phenyl-	160	C11H12O	010521-97-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

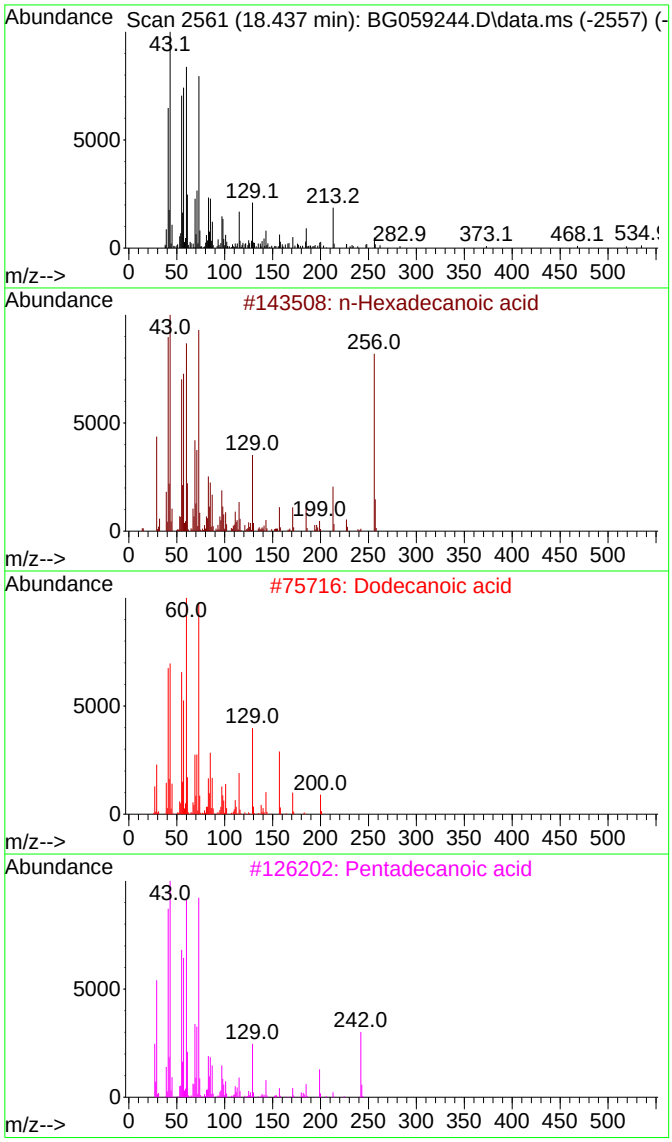
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

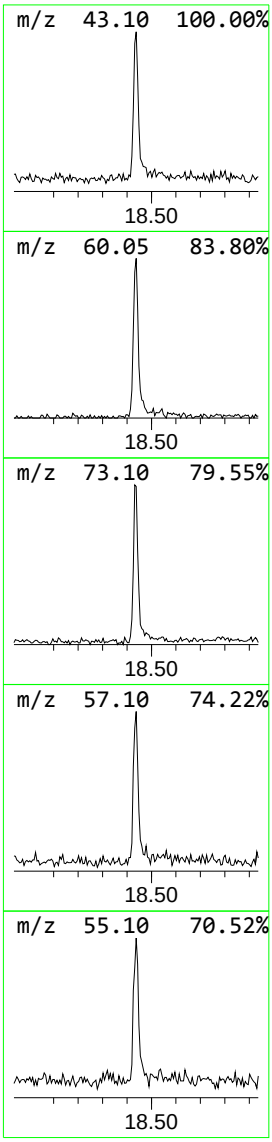
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.437	7.91 ng/ul	243485	Phenanthrene-d10	17.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Dodecanoic acid	200	C12H24O2	000143-07-7	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

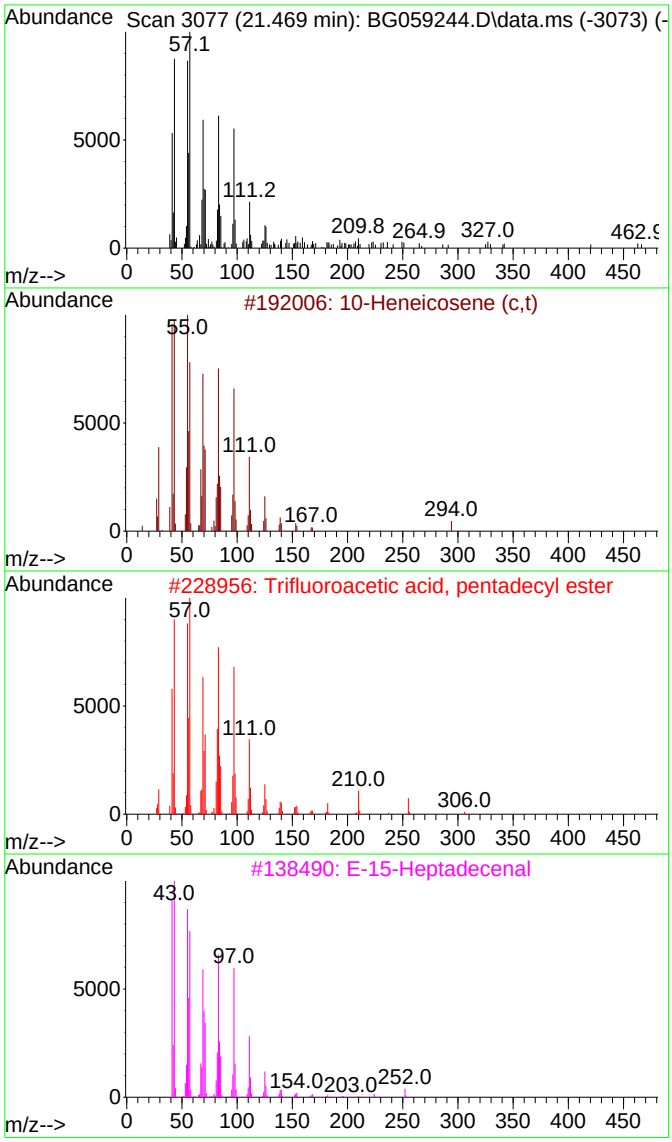
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

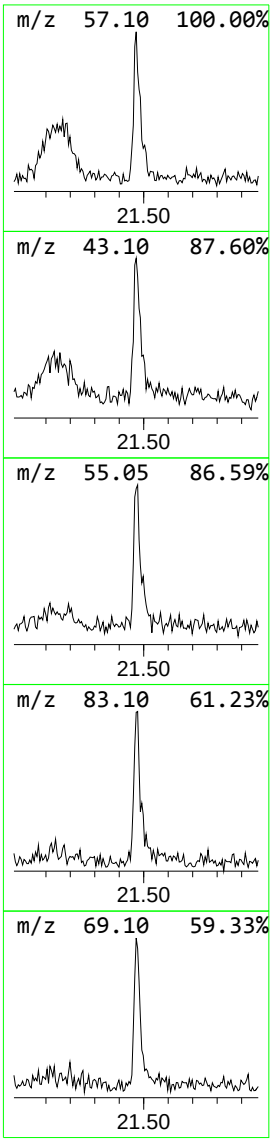
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.469	5.46 ng/ul	177445	Chrysene-d12	21.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Heneicosene (c,t)	294	C21H42	095008-11-0	87
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	87
4	1-Nonadecene	266	C19H38	018435-45-5	83
5	Cycloeicosane	280	C20H40	000296-56-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

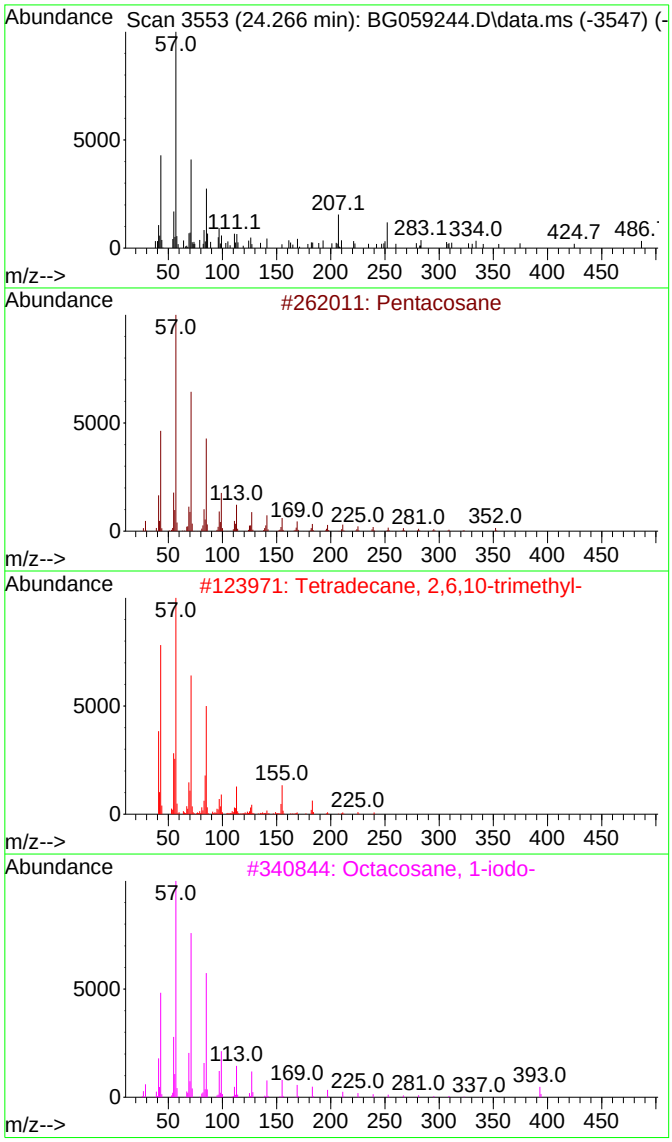
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

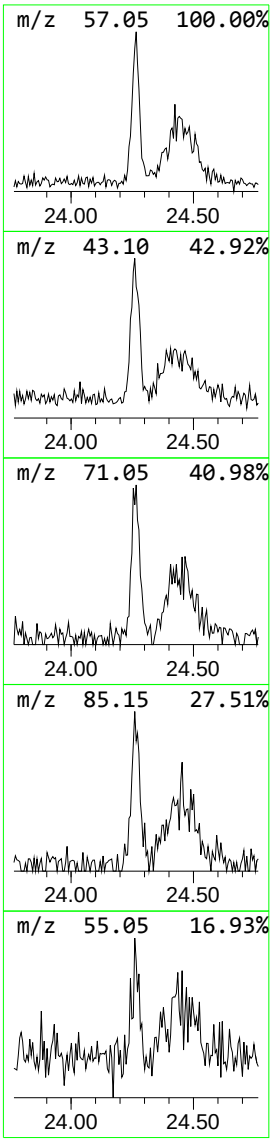
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.266	2.09 ng/ul	74611	Perylene-d12	25.394

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	52
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	50
3	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	50
4	Triacontane, 1-iodo-	548	C30H61I	1000406-32-3	50
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 28 Sep 2023 21:45
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.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
(DEL) Alkane: C...	3.790	14.2	ng/ul	205078	1	8.231	289021	20.0
Toluene	4.301	14.5	ng/ul	208890	1	8.231	289021	20.0
unknown-01	4.642	4.5	ng/ul	65014	1	8.231	289021	20.0
(DEL) Alkane: C...	4.771	2.8	ng/ul	40103	1	8.231	289021	20.0
Ethylbenzene	5.670	176.8	ng/ul	2554650	1	8.231	289021	20.0
p-Xylene	5.823	155.2	ng/ul	2242700	1	8.231	289021	20.0
Benzene, 1,3-di...	6.181	43.0	ng/ul	622063	1	8.231	289021	20.0
Benzene, (1-met...	6.663	17.7	ng/ul	256125	1	8.231	289021	20.0
Benzene, propyl-	7.162	20.1	ng/ul	290771	1	8.231	289021	20.0
Benzene, 1-ethy...	7.268	8.0	ng/ul	116025	1	8.231	289021	20.0
Benzene, 1,2,4-...	7.844	97.1	ng/ul	1402880	1	8.231	289021	20.0
Mesitylene	8.320	37.9	ng/ul	547013	1	8.231	289021	20.0
unknown-02	8.508	2.9	ng/ul	42125	1	8.231	289021	20.0
Indane	8.596	46.7	ng/ul	674593	1	8.231	289021	20.0
Benzene, 1,3-di...	8.690	5.7	ng/ul	82069	1	8.231	289021	20.0
unknown-03	8.754	4.7	ng/ul	67481	1	8.231	289021	20.0
1,3,8-p-Menthat...	8.843	11.4	ng/ul	164201	1	8.231	289021	20.0
Benzene, 1-meth...	9.007	4.0	ng/ul	57399	1	8.231	289021	20.0
Benzene, 2-ethy...	9.160	11.1	ng/ul	159877	1	8.231	289021	20.0
unknown-04	9.254	38.0	ng/ul	548683	1	8.231	289021	20.0
Benzene, 4-ethy...	9.318	20.4	ng/ul	295016	1	8.231	289021	20.0
Benzene, 1,2,4,...	9.841	6.3	ng/ul	168485	2	11.075	537921	20.0
Benzene, 1,2,3,...	9.906	9.9	ng/ul	265629	2	11.075	537921	20.0
1H-Indene, 2,3-...	10.288	9.8	ng/ul	264765	2	11.075	537921	20.0
Benzene, 2-ethe...	10.435	21.7	ng/ul	583289	2	11.075	537921	20.0
Bicyclo[2.2.2]o...	10.893	4.2	ng/ul	111808	2	11.075	537921	20.0
Benzene, (1,2-d...	11.016	7.2	ng/ul	194699	2	11.075	537921	20.0
(DEL) Alkane: C...	11.428	7.4	ng/ul	198043	2	11.075	537921	20.0
1H-Indene, 2,3-...	12.145	3.6	ng/ul	97451	2	11.075	537921	20.0
(DEL) Alkane: S...	13.326	2.0	ng/ul	53348	3	14.865	526901	20.0
Benzoic acid, 3...	13.602	6.9	ng/ul	180852	3	14.865	526901	20.0
unknown-05	14.025	5.5	ng/ul	143835	3	14.865	526901	20.0
Indane-5-carbox...	15.329	6.1	ng/ul	159861	3	14.865	526901	20.0
n-Hexadecanoic ...	18.437	7.9	ng/ul	243485	4	17.615	615462	20.0
(DEL) Alkane: S...	21.469	5.5	ng/ul	177445	5	21.915	649953	20.0
(DEL) Alkane: S...	24.266	2.1	ng/ul	74611	6	25.394	715691	20.0