LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4643

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-BG070123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058227.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.153	6	11	40	rVB	4445408	9222324	100.00%	19.398%
2	3.758	109	114	125	rBV	41660	83509	0.91%	0.176%
3	4.340	208	213	223	rBV2	25045	46051	0.50%	0.097%
4	4.616	256	260	270	rVB2	33808	65357	0.71%	0.137%
5	5.544	411	418	426	rBV	26490	62317	0.68%	0.131%
6	5.803	451	462	466	rBV2	189919	408476	4.43%	0.859%
7	5.838	466	468	475	rVV	50005	75242	0.82%	0.158%
8	5.914	475	481	485	rVV5	13014	25154	0.27%	0.053%
9	6.179	518	526	533	rBV2	62764	102432	1.11%	0.215%
10	6.525	577	585	598	rBV	418674	722764	7.84%	1.520%
11	7.072	668	678	692	rBV	190539	381040	4.13%	0.801%
12	7.230	698	705	717	rVB	155439	265537	2.88%	0.559%
13	7.436	733	740	751	rBV2	186565	377172	4.09%	0.793%
14	7.618	763	771	783	rBV4	13730	34160	0.37%	0.072%
15	7.900	810	819	826	rBV	226068	397414	4.31%	0.836%
16	7.977	826	832	837	rVV2	31098	53437	0.58%	0.112%
17	8.076	843	849	855	rVV2	38536	79035	0.86%	0.166%
18	8.153	855	862	867	rVV	90512	164237	1.78%	0.345%
19	8.223	867	874	887	rVB	1035664	1841089	19.96%	3.872%
20	8.611	932	940	945	rVV	185026	329054	3.57%	0.692%
21	8.664	945	949	954	rVV2	32193	58163	0.63%	0.122%
22	8.723	954	959	967	rVB	81523	151603	1.64%	0.319%
23	8.893	983	988	999	rVB	50683	105276	1.14%	0.221%
24	9.064	1011	1017	1029	rVB	180759	330890	3.59%	0.696%
25	9.199	1036	1040	1047	rVB5	24413	42795	0.46%	0.090%
26	9.786	1134	1140	1151	rVB	156644	291450	3.16%	0.613%
27	9.951	1163	1168	1176	rBV3	24794	53442	0.58%	0.112%
28	10.327	1219	1232	1246	rBV2	253846	556560	6.03%	1.171%
29	10.703	1285	1296	1303	rBV	357972	694846	7.53%	1.461%
30	10.756	1303	1305	1311	rVB2	26361	41158	0.45%	0.087%
31	11.408	1411	1416	1422	rVB6	18453	34192	0.37%	0.072%
32	11.719	1464	1469	1473	rBV	55957	87101	0.94%	0.183%
33	12.589	1612	1617	1623	rVV4	14461	33079	0.36%	0.070%
34	12.653	1625	1628	1633	rVB2	19165	28505	0.31%	0.060%
35	12.753	1640	1645	1648	rBV5	17075	28398	0.31%	0.060%
36	12.812	1653	1655	1662	rVB5	21621	34924	0.38%	0.073%

LSC Area Percent Report

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Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

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-BG070123.MA.M
Title : SVOA CALIBRATION

37	13.071	1694	1699	1704	rVB	94904	136783	1.48%	0.288%
38	13.359	1738	1748	1750	rBV8	30911	81586	0.88%	0.172%
39	13.864	1829	1834	1838	rBV5	18979	35954	0.39%	0.076%
40	13.946	1841	1848	1855	rVV	472420	740685	8.03%	1.558%
41	14.017	1855	1860	1864	rVB	133083	177011	1.92%	0.372%
42	14.064	1864	1868	1873	rBV6	16804	31059	0.34%	0.065%
43	14.181	1883	1888	1892	rBV2	51387	89537	0.97%	0.188%
44	14.234	1892	1897	1912	rVV	549579	918751	9.96%	1.932%
45	14.369	1916	1920	1925	rBV2	37061	57057	0.62%	0.120%
46	14.539	1939	1949	1955	rBV	599701	1031290	11.18%	2.169%
47	14.604	1955	1960	1964	rVV	107084	182510	1.98%	0.384%
48	14.663	1964	1970	1976	rVV	1236307	1830231	19.85%	3.850%
49	14.745	1979	1984	1994	rVB2	176143	336374	3.65%	0.708%
50	14.892	2006	2009	2012	rBV4	27898	35792	0.39%	0.075%
51	14.939	2012	2017	2027	rVB3	92210	168029	1.82%	0.353%
52	15.057	2033	2037	2042	rVB5	32921	49090	0.53%	0.103%
53	15.327	2079	2083	2086	rBV6	26000	44023	0.48%	0.093%
54	15.474	2104	2108	2112	rBV2	53506	73831	0.80%	0.155%
55	15.532	2112	2118	2123	rVV	705713	1087873	11.80%	2.288%
56	15.591	2123	2128	2132	rVV2	107668	171702	1.86%	0.361%
57	15.650	2134	2138	2147	rVB	191305	314623	3.41%	0.662%
58	15.791	2151	2162	2169	rBV2	1667954	2704300	29.32%	5.688%
59	15.897	2174	2180	2185	rVB2	223490	345469	3.75%	0.727%
60	16.032	2200	2203	2206	rBV3	17368	25496	0.28%	0.054%
61	16.267	2238	2243	2248	rVB	288817	427452	4.63%	0.899%
62	16.402	2261	2266	2270	rVB	77061	115499	1.25%	0.243%
63	16.461	2272	2276	2280	rBV2	59559	84206	0.91%	0.177%
64	16.514	2280	2285	2291	rBV	501760	712747	7.73%	1.499%
65	16.813	2331	2336	2342	rBV	296282	438420	4.75%	0.922%
66	16.937	2355	2357	2361	rBV4	29586	38790	0.42%	0.082%
67	17.084	2378	2382	2392	rVB2	180536	347803	3.77%	0.732%
68	17.166	2392	2396	2398	rVV2	70913	99305	1.08%	0.209%
69	17.195	2398	2401	2406	rVB	107208	149990	1.63%	0.315%
70	17.289	2411	2417	2420	rBV	764353	1298075	14.08%	2.730%
71	17.330	2420	2424	2429	rVB	789899	1198258	12.99%	2.520%
72	17.389	2429	2434	2438	rBV	680015	1035586	11.23%	2.178%
73	17.460	2443	2446	2453	rVB2	165183	234008	2.54%	0.492%
74	17.689	2481	2485	2489	rBV	110111	151196	1.64%	0.318%
75	17.736	2489	2493	2497	rVV	84267	102886	1.12%	0.216%
76	17.871	2512	2516	2524	rVB	165636	286923	3.11%	0.603%

LSC Area Percent Report

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Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4643

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-BG070123.MA.M
Title : SVOA CALIBRATION

77	17.941	2526	2528	2533	rVB3	52347	68754	0.75%	0.145%
78	18.000	2535	2538	2545	rVB5	49417	77742	0.84%	0.164%
79	18.171	2562	2567	2571	rBV2	232118	360099	3.90%	0.757%
80	18.212	2571	2574	2580	rVB2	124276	181543	1.97%	0.382%
81	18.353	2594	2598	2603	rBV2	173789	290105	3.15%	0.610%
82	18.458	2612	2616	2621	rVB3	83232	116545	1.26%	0.245%
83	18.664	2648	2651	2654	rBV	52894	58635	0.64%	0.123%
84	19.346	2761	2767	2773	rVB	932522	1331428	14.44%	2.800%
85	19.445	2781	2784	2787	rBV3	58448	68167	0.74%	0.143%
86	19.675	2818	2823	2826	rBV2	890058	1396609	15.14%	2.938%
87	19.704	2826	2828	2836	rVB	533143	721563	7.82%	1.518%
88	20.198	2908	2912	2916	rVB2	180409	267744	2.90%	0.563%
89	20.297	2925	2929	2933	rVB	107666	146624	1.59%	0.308%
90	20.920	3031	3035	3039	rBV2	164750	235444	2.55%	0.495%
91	21.361	3106	3110	3115	rBV	140879	215877	2.34%	0.454%
92	21.426	3116	3121	3127	rVB	621846	883037	9.57%	1.857%
93	21.537	3133	3140	3145	rBV2	799452	1775925	19.26%	3.735%
94	21.584	3145	3148	3157	rVB	342063	578695	6.27%	1.217%
95	22.313	3268	3272	3277	rBV2	122325	190309	2.06%	0.400%
96	22.965	3378	3383	3397	rVB3	289595	633804	6.87%	1.333%
97	23.688	3500	3506	3513	rBV2	181473	577829	6.27%	1.215%
98	23.764	3514	3519	3526	rVB3	270489	599716	6.50%	1.261%
99	24.469	3633	3639	3647	rVB2	226316	517392	5.61%	1.088%
100	24.692	3668	3677	3690	rVB	554153	1551584	16.82%	3.264%

Sum of corrected areas: 47543553

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
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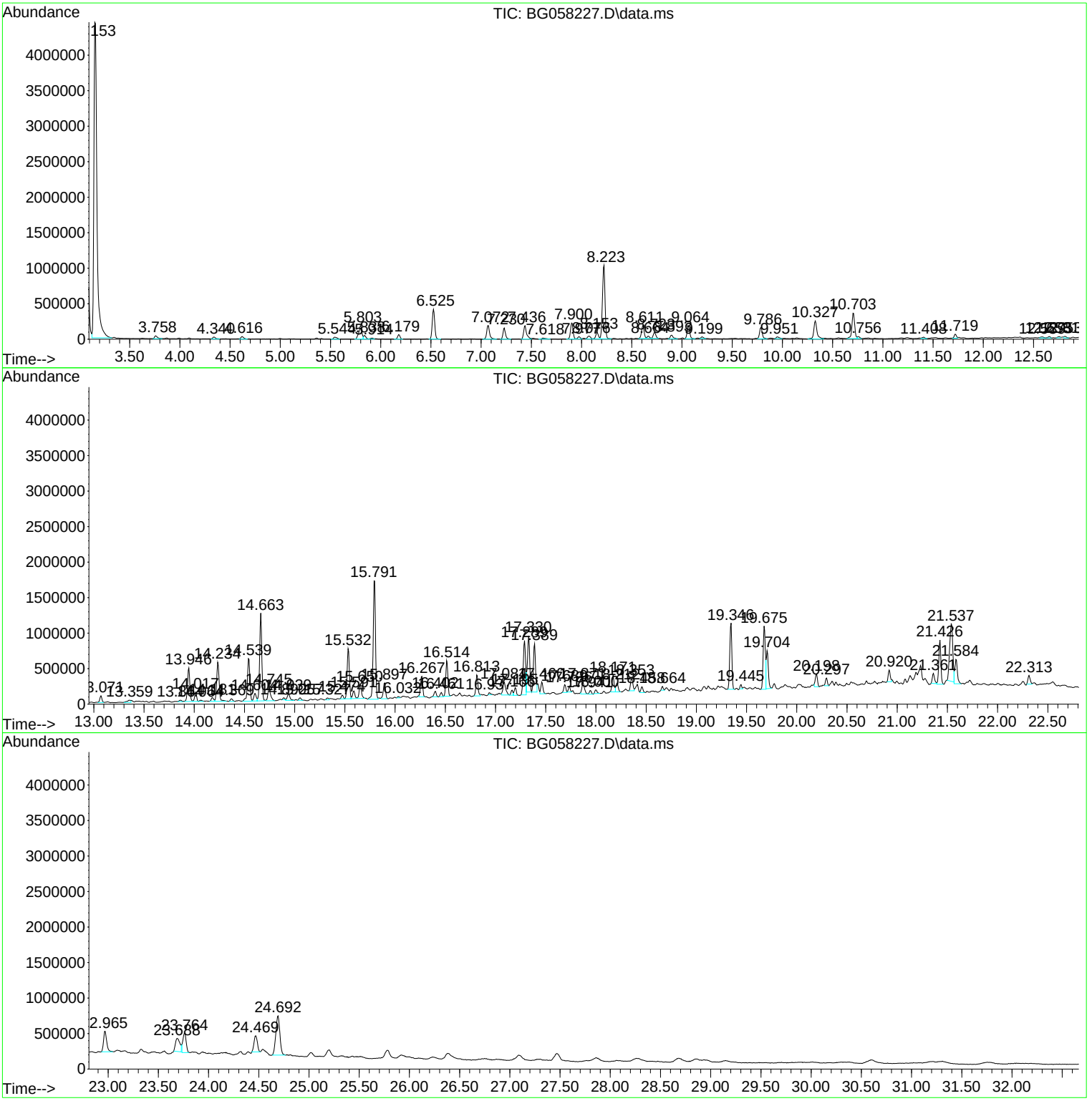
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.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\BG071323\
Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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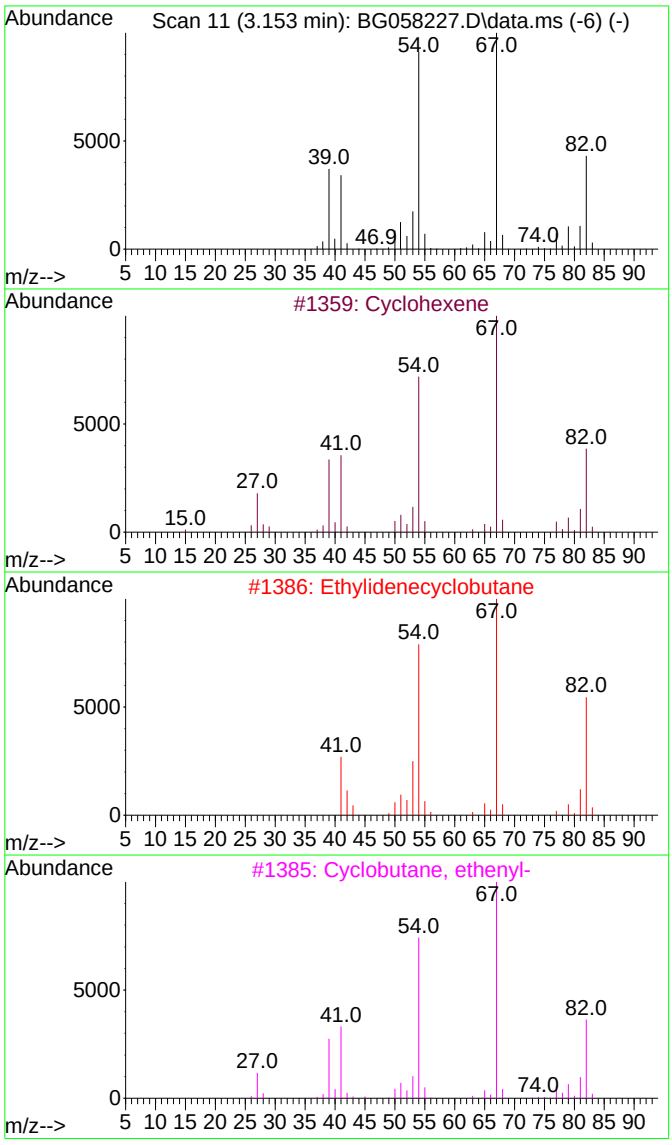
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

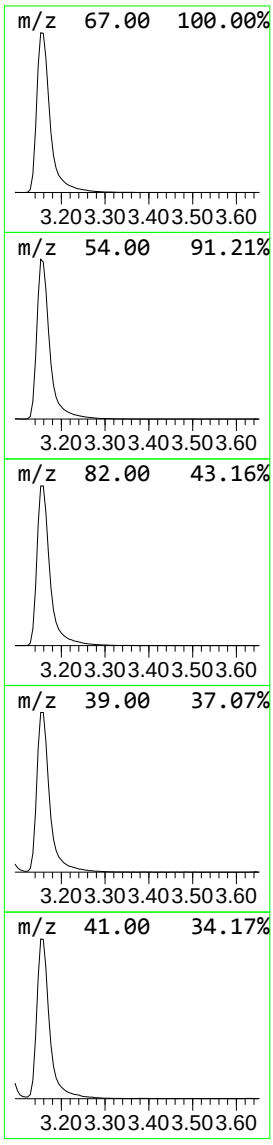
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.153	464.12 ng/ul	9222320	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	95
2	Ethylidenecyclobutane	82	C6H10	001528-21-8	91
3	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	91
4	Cyclohexene	82	C6H10	000110-83-8	91
5	Cyclohexene	82	C6H10	000110-83-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

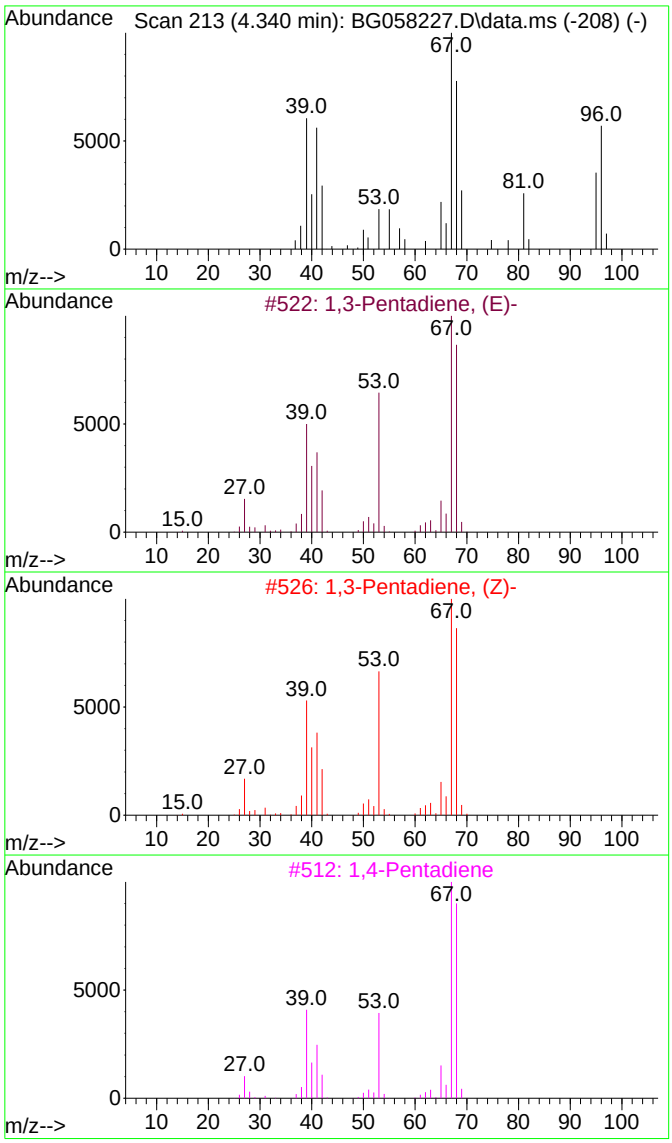
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

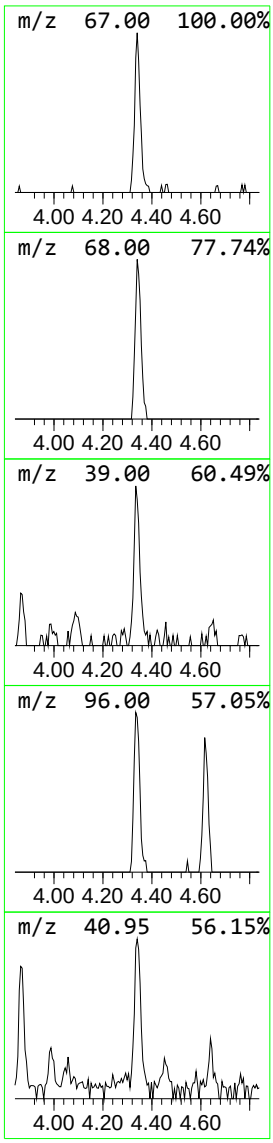
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3-Pentadiene, (E)- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.340	2.32 ng/ul	46051	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	58
2	1,3-Pentadiene, (Z)-	68	C5H8	001574-41-0	58
3	1,4-Pentadiene	68	C5H8	000591-93-5	53
4	1,3-Pentadiene, (Z)-	68	C5H8	001574-41-0	53
5	Cyclopropane, ethylidene-	68	C5H8	018631-83-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
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Acq On : 14 Jul 2023 12:12
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Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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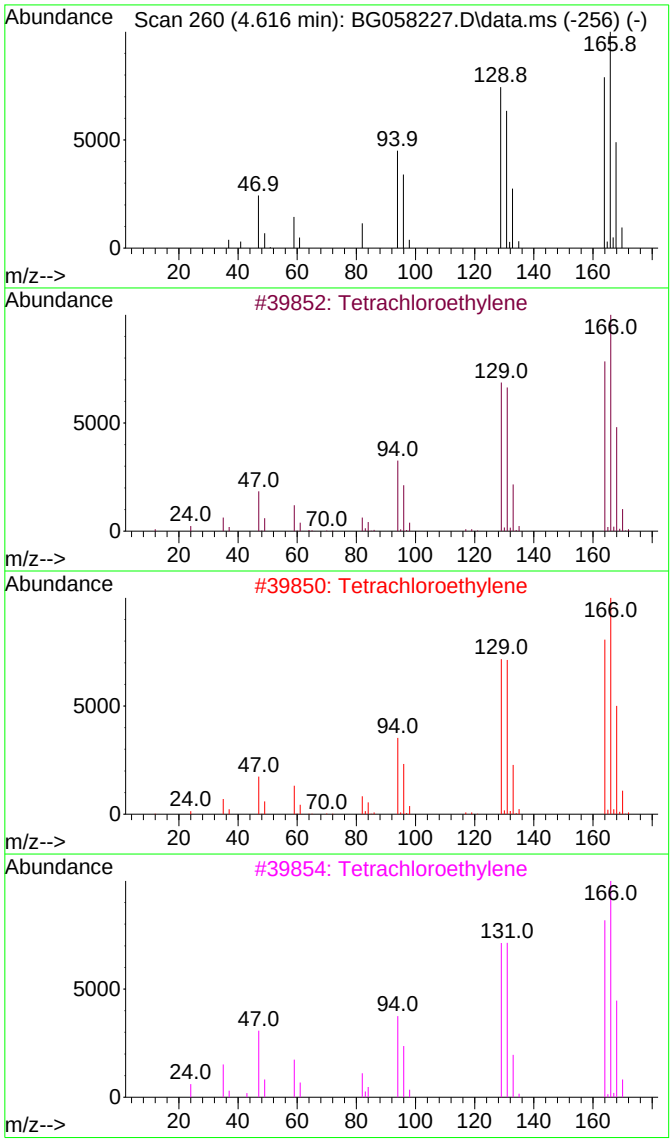
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

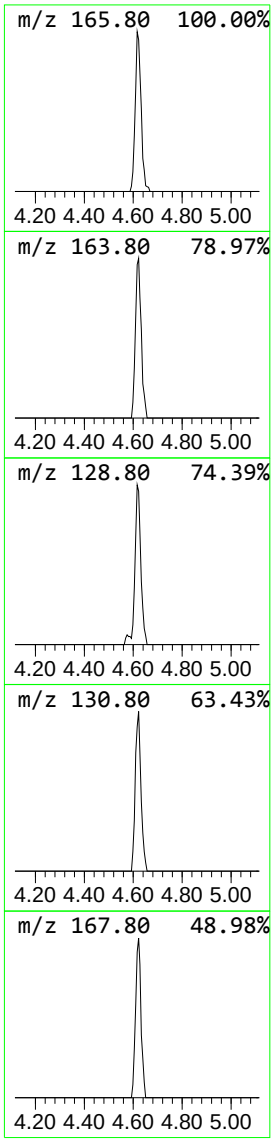
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Tetrachloroethylene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.616	3.29 ng/ul	65357	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	30





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ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
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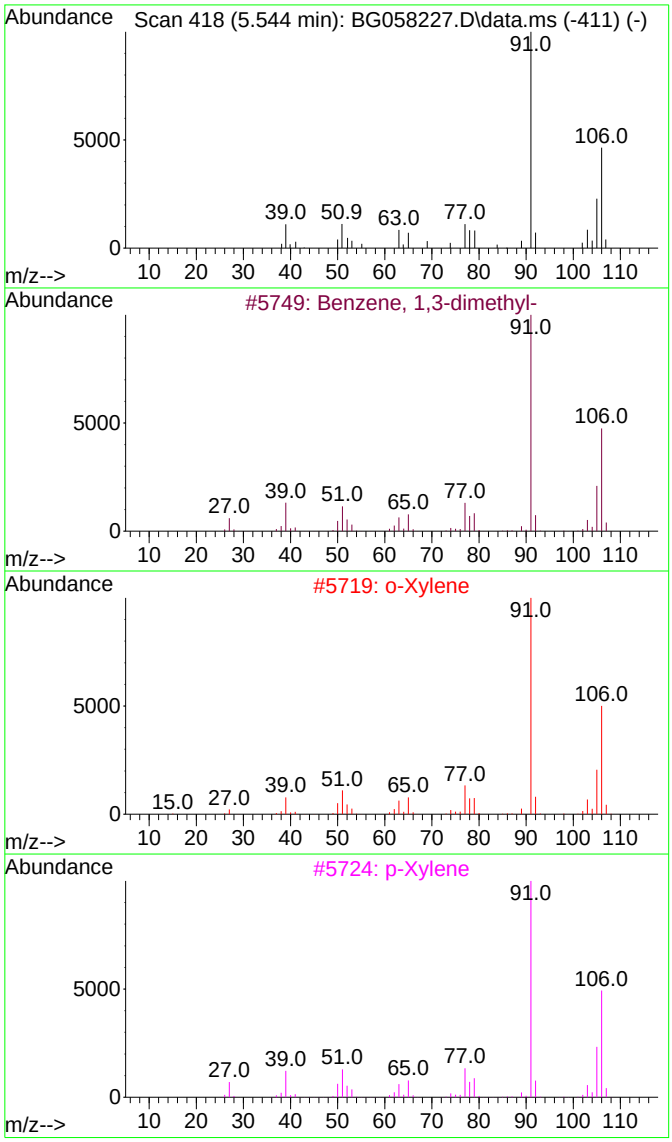
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

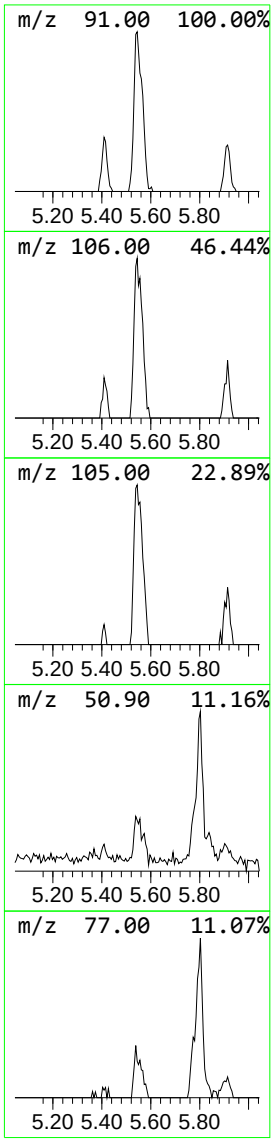
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.544	3.14 ng/ul	62317	1,4-Dichlorobenzene-d4	7.900

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	95
3	p-Xylene	106	C8H10	000106-42-3	94
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
5	o-Xylene	106	C8H10	000095-47-6	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

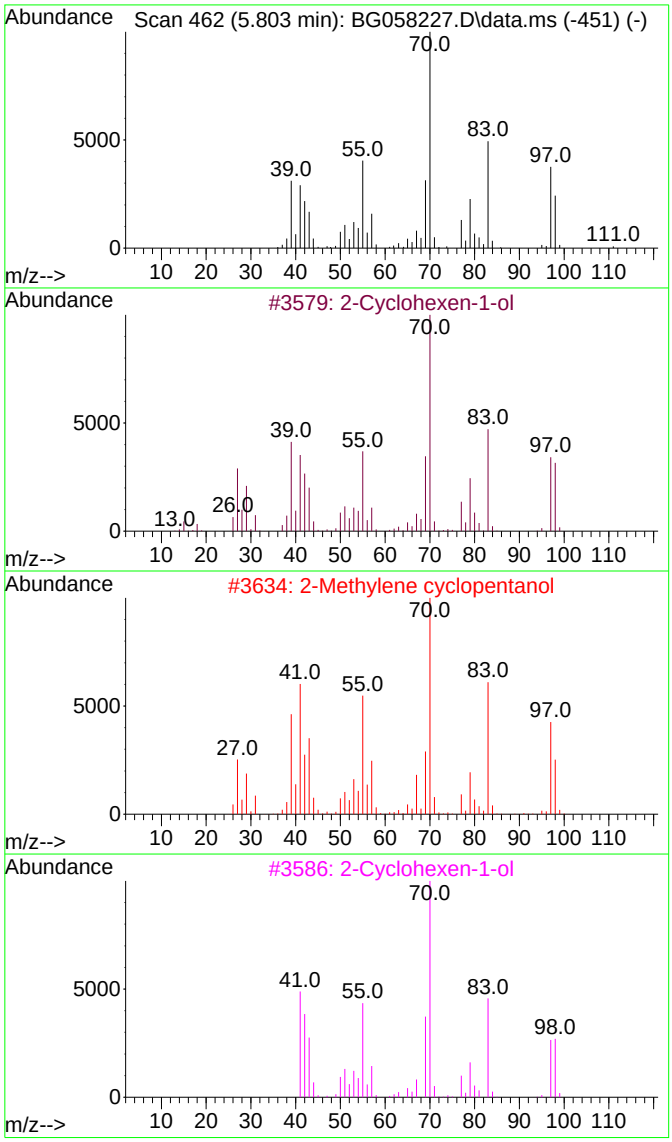
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

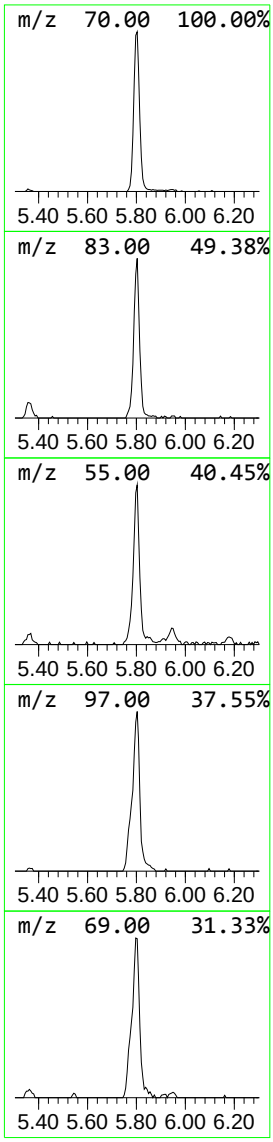
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Cyclohexen-1-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.803	20.56 ng/ul	408476	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	96
2	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	91
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	90
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	76
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	64





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Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

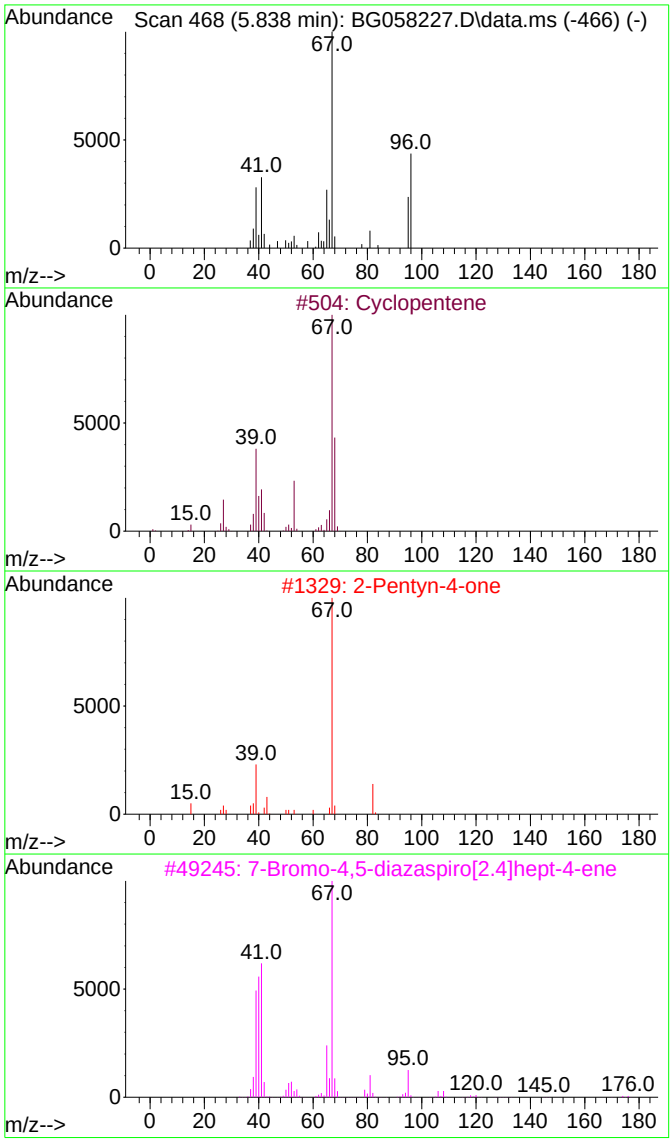
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

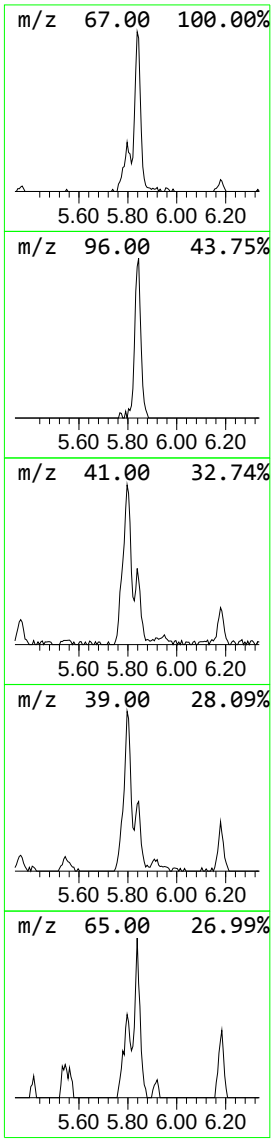
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.838	3.79 ng/ul	75242	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	43
2	2-Pentyn-4-one	82	C5H6O	007299-55-0	38
3	7-Bromo-4,5-diazaspiro[2.4]hept-...	174	C5H7BrN2	1000261-52-7	36
4	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	32
5	5-Chloro-1-pentyne	102	C5H7Cl	014267-92-6	28





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Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

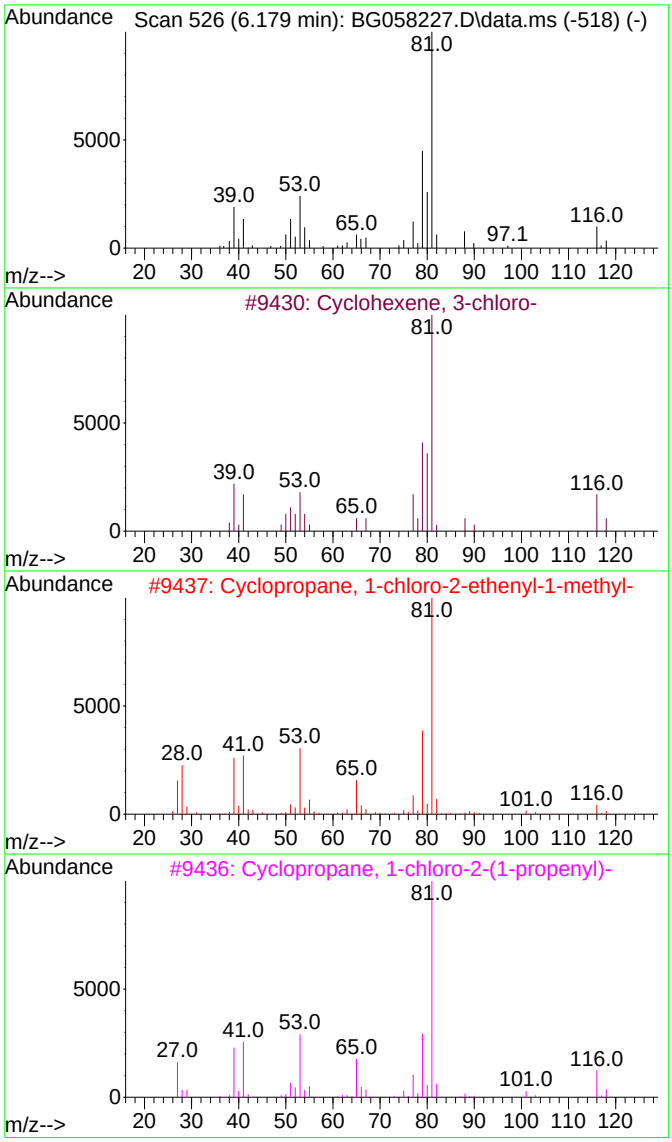
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

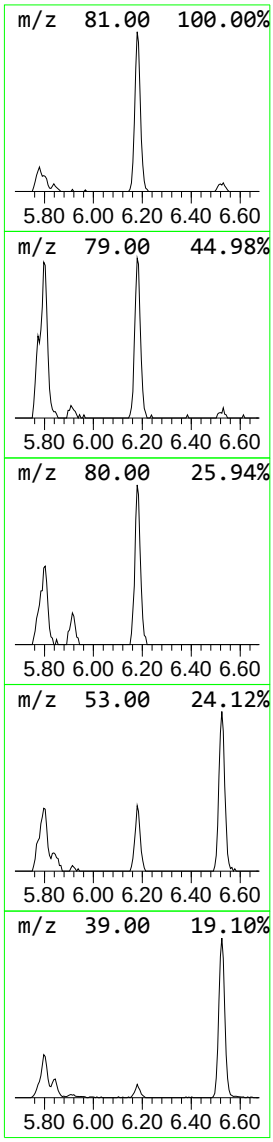
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexene, 3-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.179	5.15 ng/ul	102432	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-chloro-	116	C6H9Cl	002441-97-6	74
2	Cyclopropane, 1-chloro-2-ethenyl...	116	C6H9Cl	062337-93-3	72
3	Cyclopropane, 1-chloro-2-(1-prop...	116	C6H9Cl	074752-94-6	64
4	2,4-Dimethyl 1,4-pentadiene	96	C7H12	004161-65-3	53
5	Bicyclo[2.1.0]pentane-5-carboxyl...	154	C9H14O2	074810-55-2	50





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Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

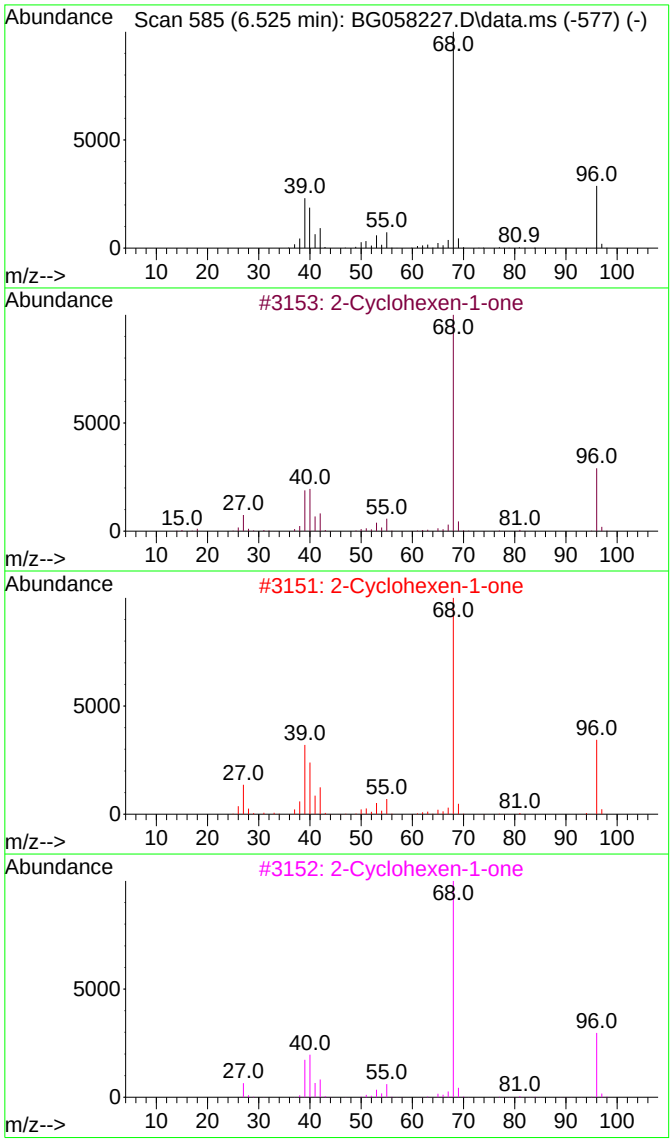
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

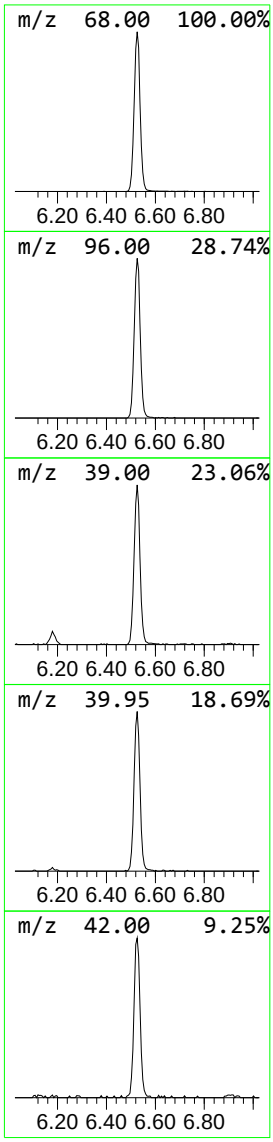
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Cyclohexen-1-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.525	36.37 ng/ul	722764	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
5	3-Butyn-2-amine, 2-methyl-	83	C5H9N	002978-58-7	45





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Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

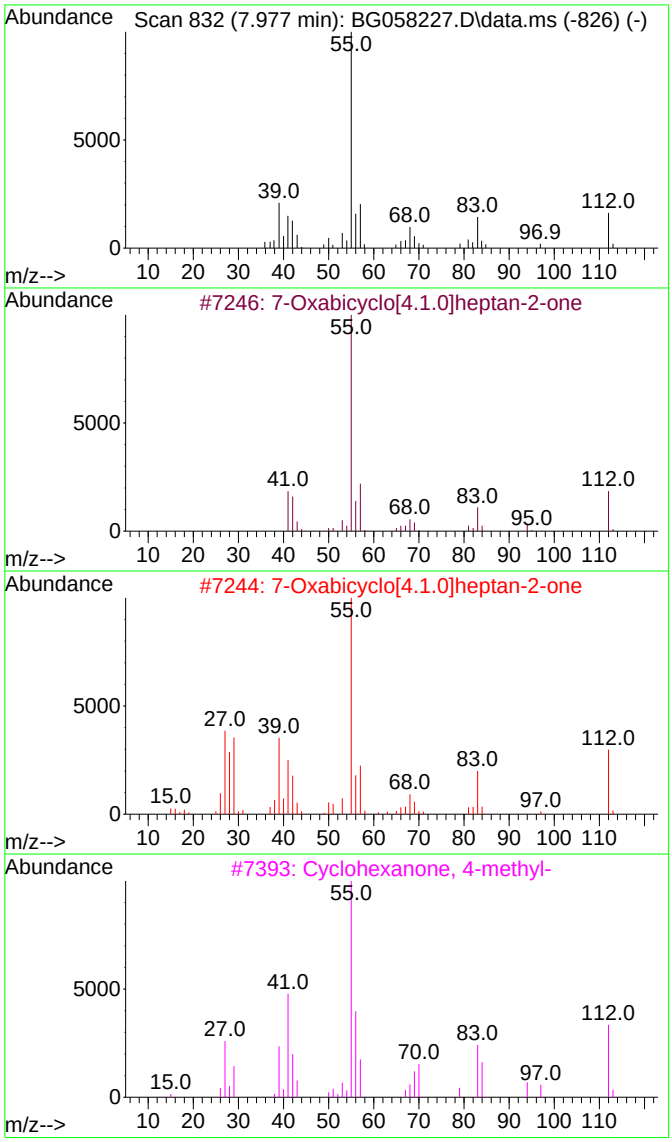
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

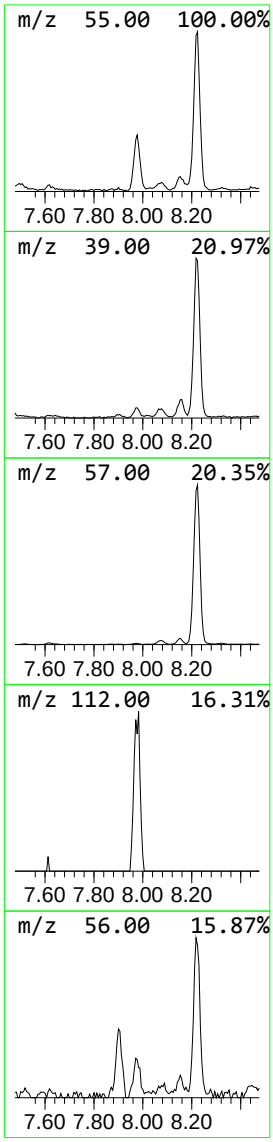
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 7-Oxabicyclo[4.1.0]heptan-2... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.977	2.69 ng/ul	53437	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	87
2	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	64
3	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	50
4	4-Octene, (E)-	112	C8H16	014850-23-8	50
5	3-Ethyl-3-hexene	112	C8H16	016789-51-8	50





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Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

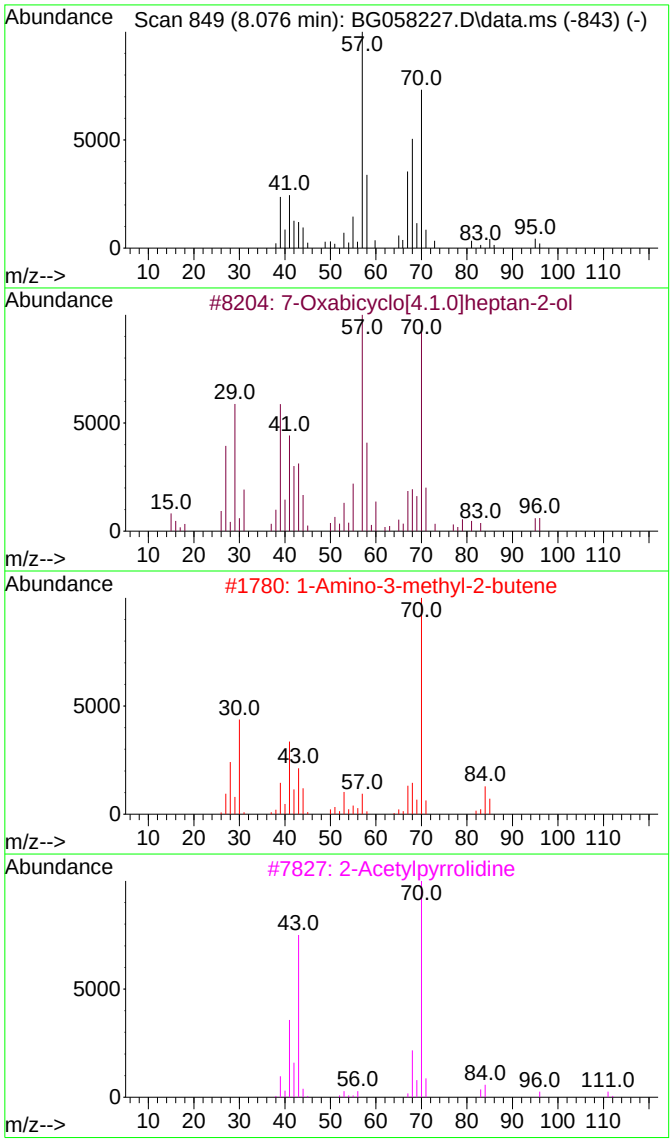
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

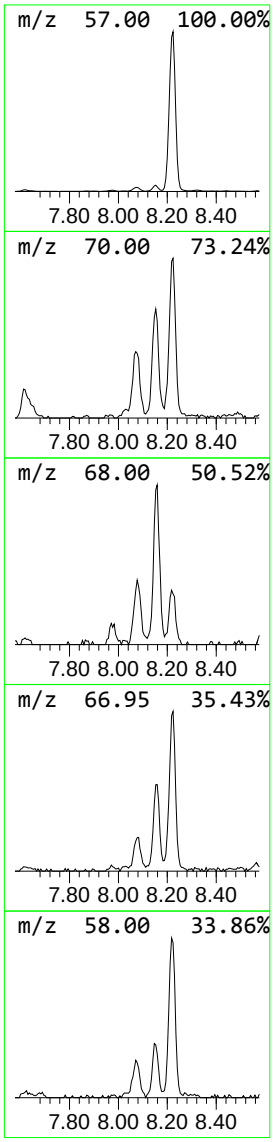
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 7-Oxabicyclo[4.1.0]heptan-2-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.076	3.98 ng/ul	79035	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptan-2-ol	114	C6H10O2	001192-78-5	53
2	1-Amino-3-methyl-2-butene	85	C5H11N	013822-06-5	32
3	2-Acetylpyrrolidine	113	C6H11NO	060026-20-2	25
4	Acetonitrile, ethoxy-	85	C4H7NO	062957-60-2	16
5	4-Penten-1-ol, propanoate	142	C8H14O2	030563-30-5	12





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Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

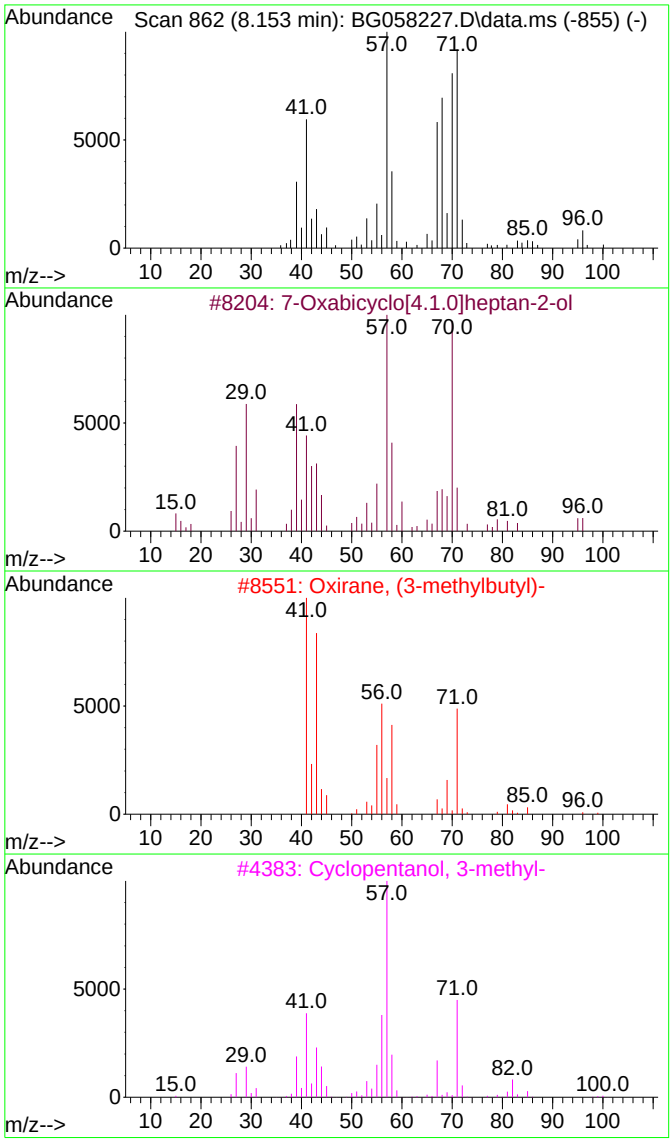
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

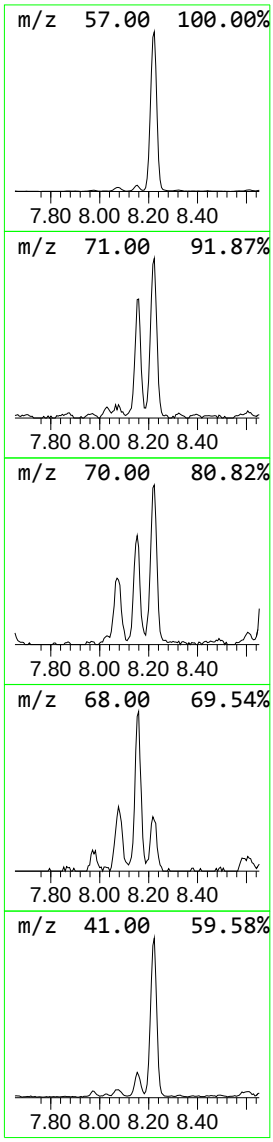
****

Peak Number 11 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.153	8.27 ng/ul	164237	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptan-2-ol	114	C6H10O2	001192-78-5	32
2	Oxirane, (3-methylbutyl)-	114	C7H14O	053229-41-7	27
3	Cyclopentanol, 3-methyl-	100	C6H12O	018729-48-1	23
4	Butanoic acid, 4-pentenyl ester	156	C9H16O2	030563-31-6	16
5	Norbornane	96	C7H12	000279-23-2	14





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Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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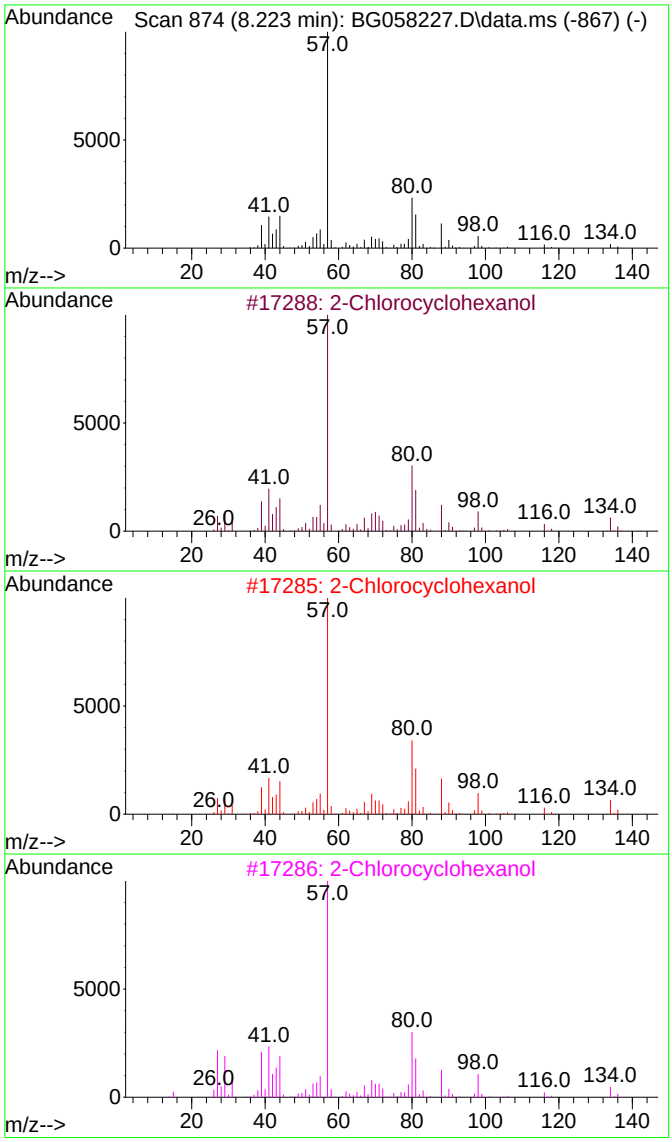
Quant Title : SVOA CALIBRATION

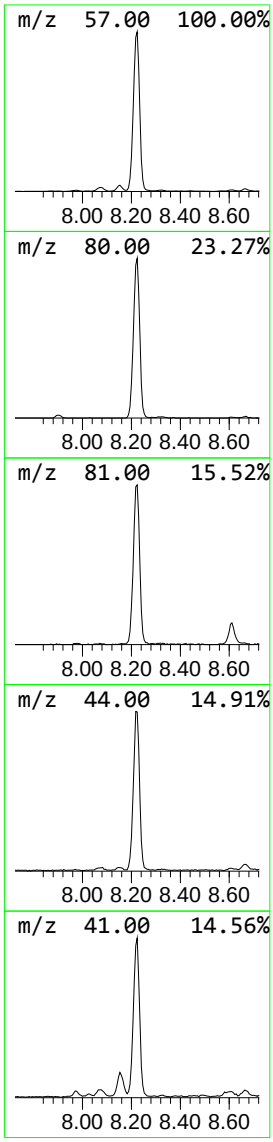
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-Chlorocyclohexanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.223	92.65 ng/ul	1841090	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	94
2	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	87
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	83
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	53
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	50





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Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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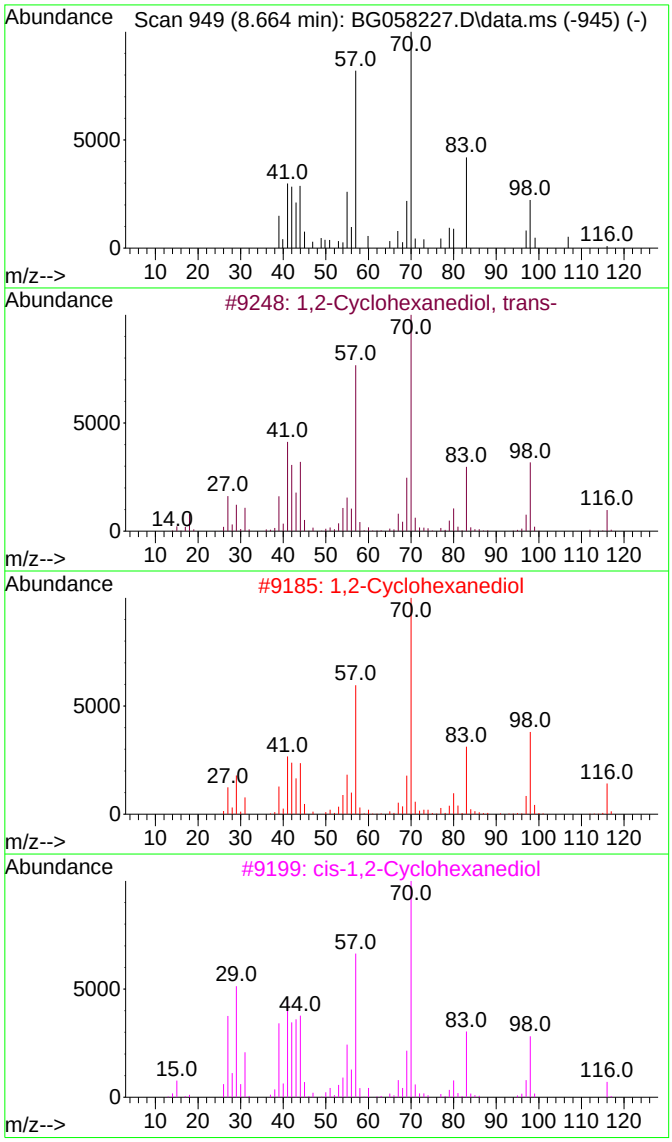
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

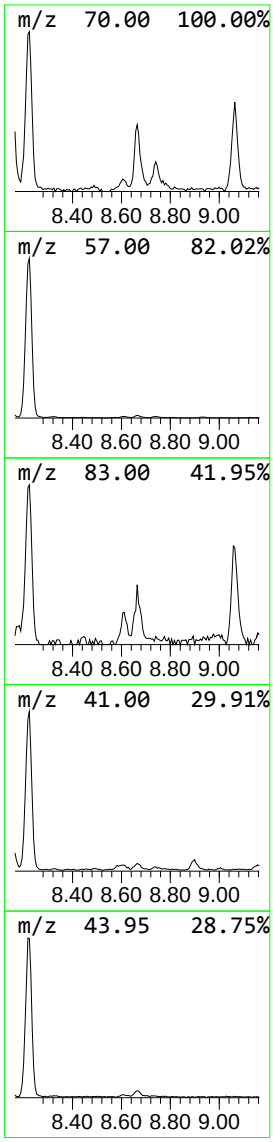
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,2-Cyclohexanediol, trans- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.664	2.93 ng/ul	58163	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanediol, trans-	116	C6H12O2	001460-57-7	72
2	1,2-Cyclohexanediol	116	C6H12O2	000931-17-9	72
3	cis-1,2-Cyclohexanediol	116	C6H12O2	001792-81-0	59
4	cis-1,2-Cyclohexanediol	116	C6H12O2	001792-81-0	59
5	1,2-Cyclohexanediol	116	C6H12O2	000931-17-9	56





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Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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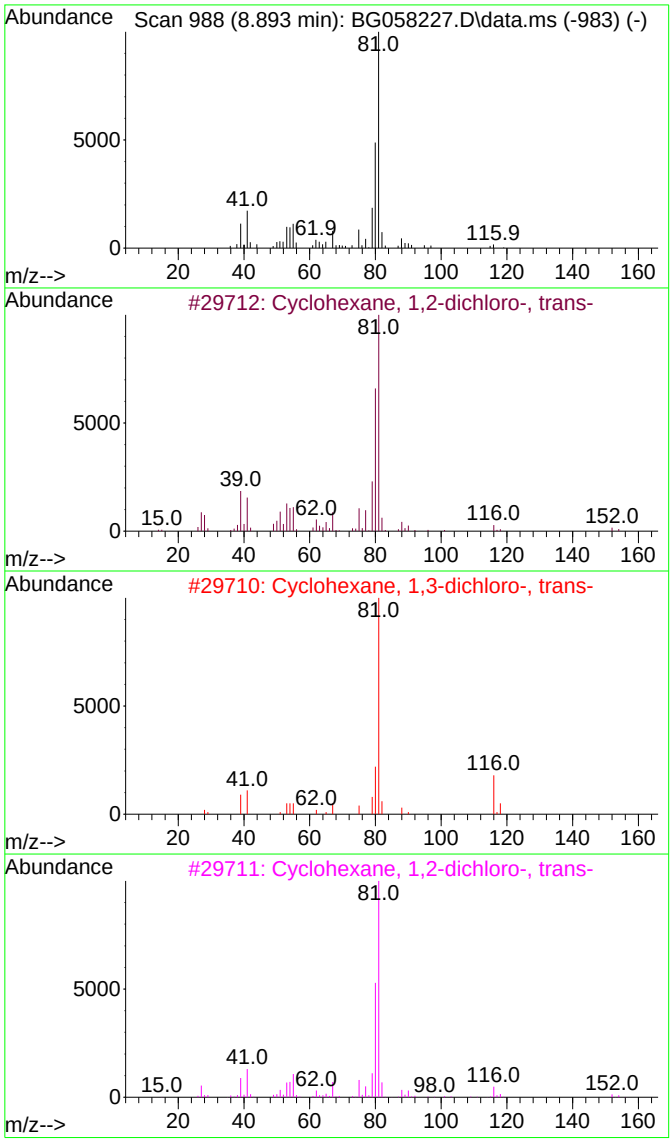
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

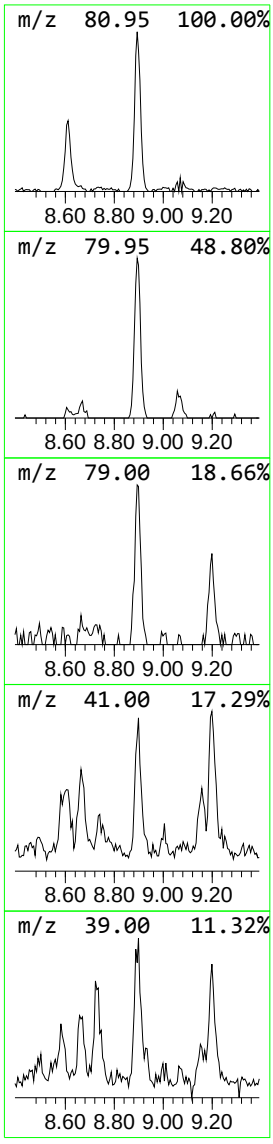
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclohexane, 1,2-dichloro-,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.893	5.30 ng/ul	105276	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	74
2	Cyclohexane, 1,3-dichloro-, trans-	152	C6H10Cl2	024955-62-2	64
3	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	59
4	Cyclohexane, 1,3-dichloro-, cis-	152	C6H10Cl2	024955-63-3	56
5	cis-1,4-Cyclohexanediol, O,O'-bi...	408	C12H10F10O4	1000385-95-0	56





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Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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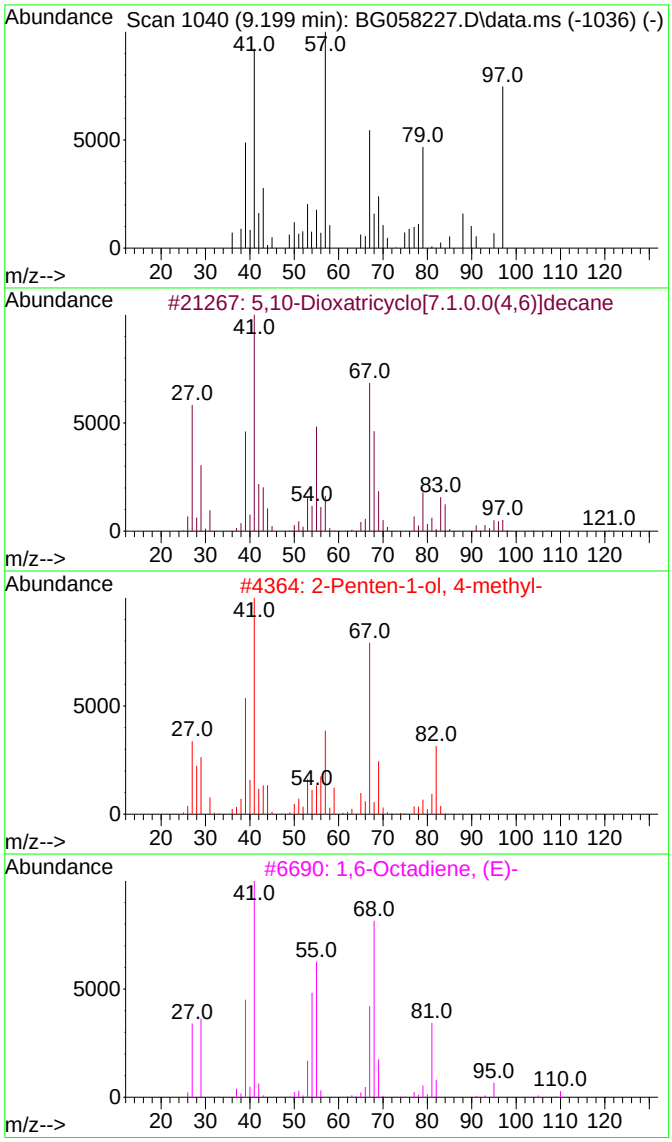
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

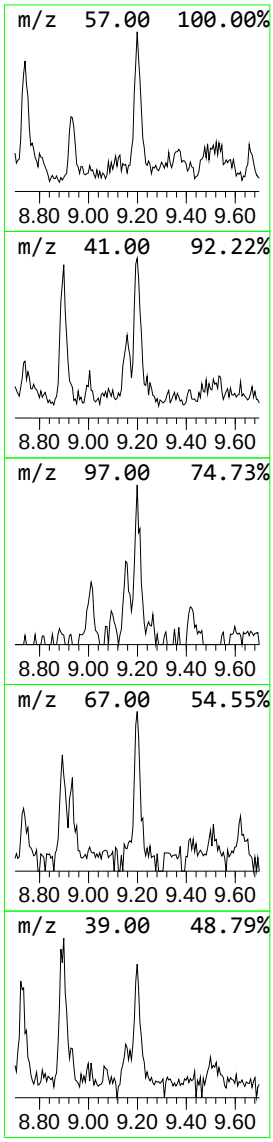
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 unknown-03 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.199	2.15 ng/ul	42795	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,10-Dioxatricyclo[7.1.0.0(4,6)]...	140	C8H12O2	000286-75-9	12
2	2-Penten-1-ol, 4-methyl-	100	C6H12O	005362-55-0	12
3	1,6-Octadiene, (E)-	110	C8H14	019036-81-8	12
4	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	12
5	2,3-Hexadiene, 2-methyl-	96	C7H12	029212-09-7	10





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ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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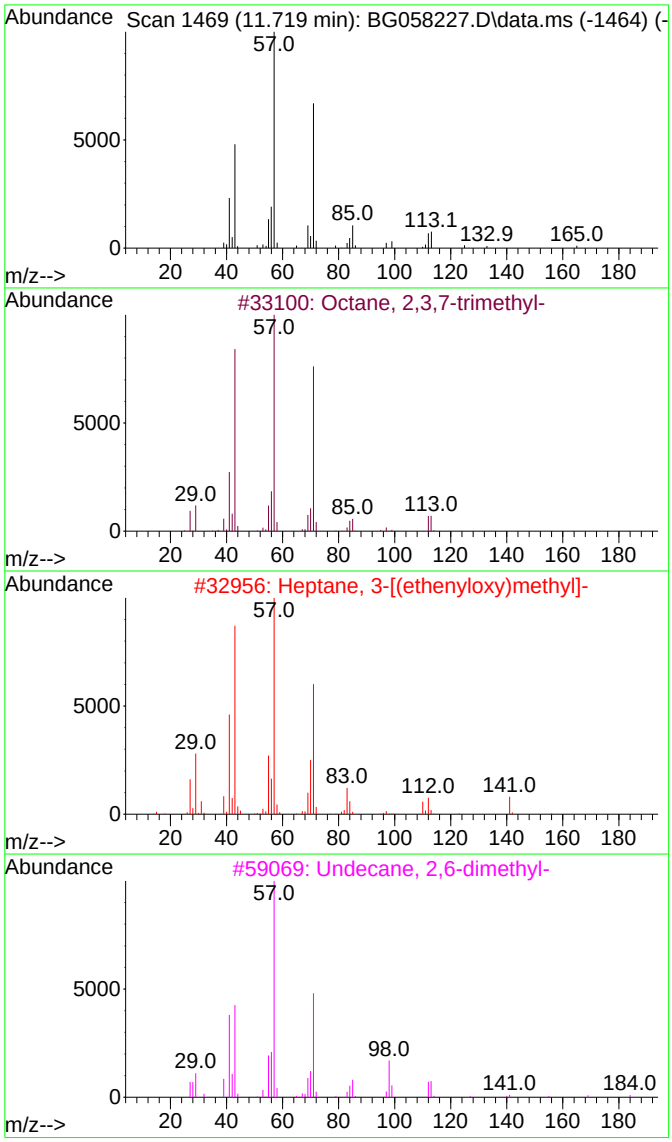
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

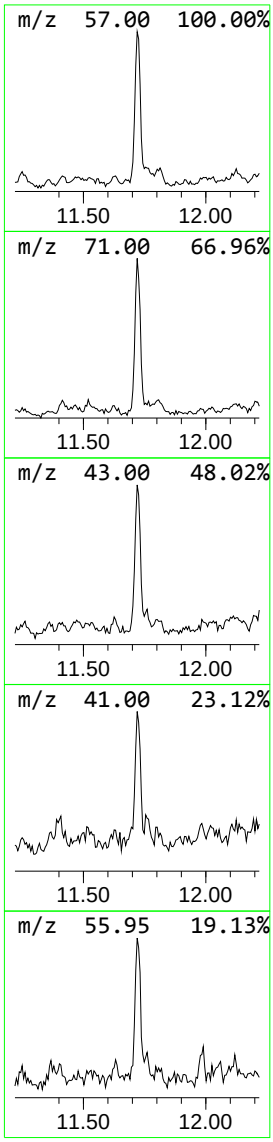
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.719	2.51 ng/ul	87101	Naphthalene-d8	10.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	78
2	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	64
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
4	Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1010309-38-5	64
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	59





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Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

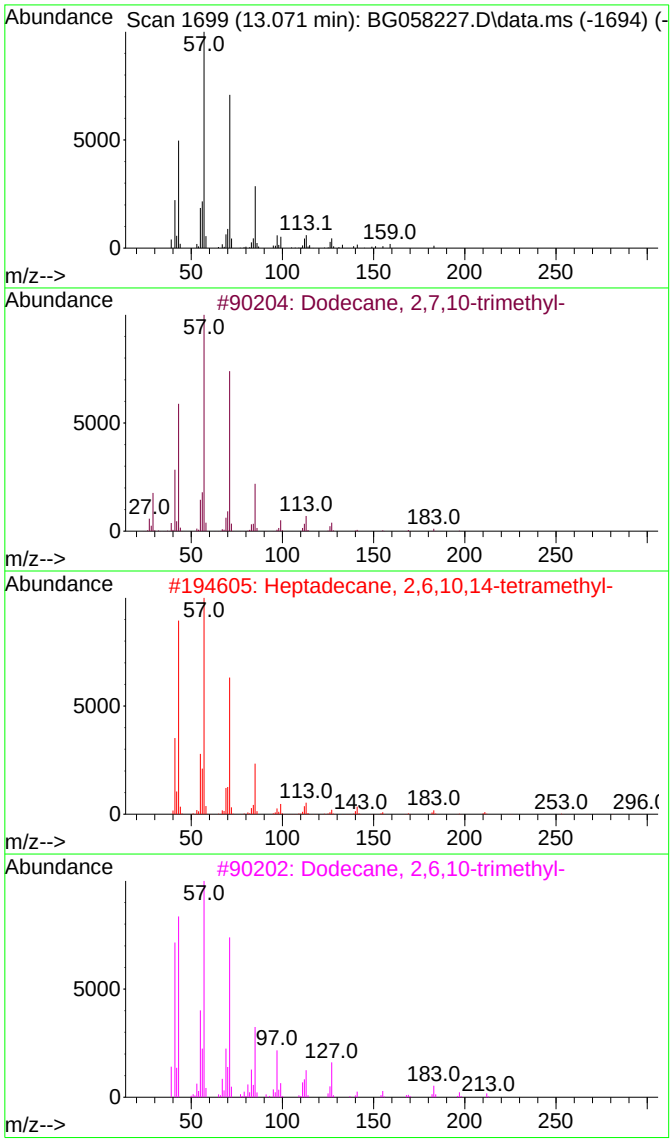
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

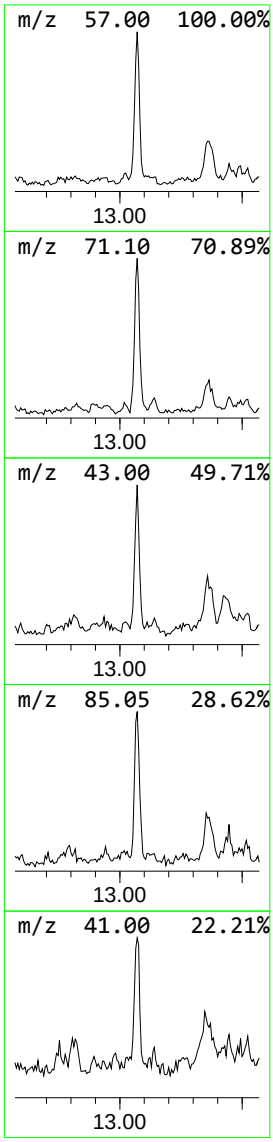
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.071	2.65 ng/ul	136783	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72





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Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

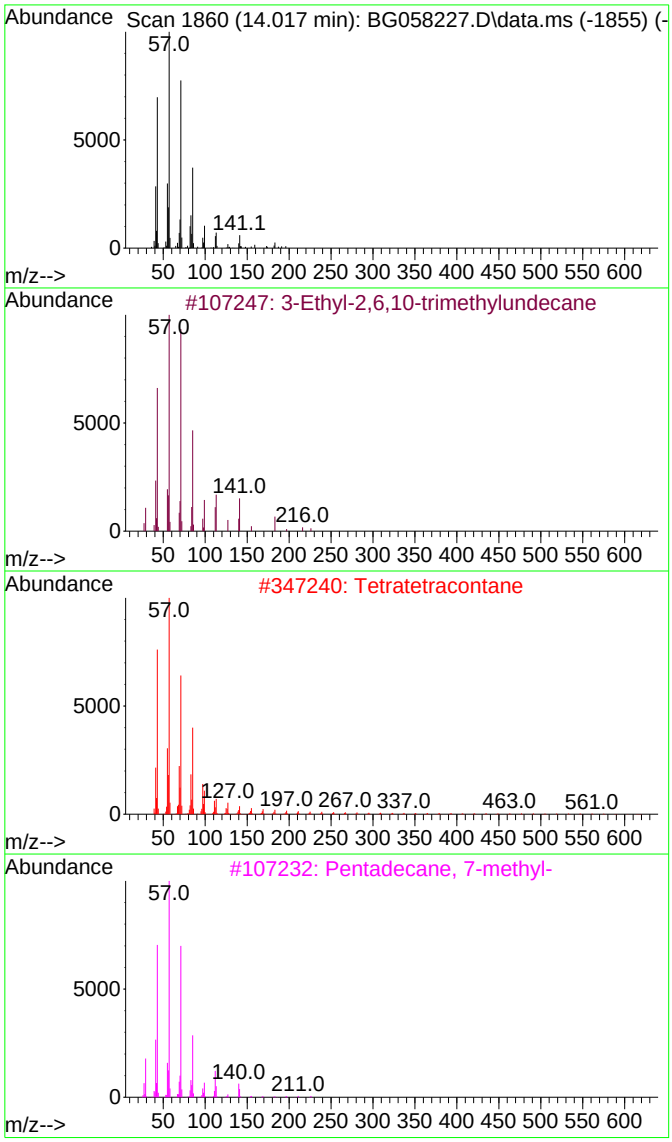
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

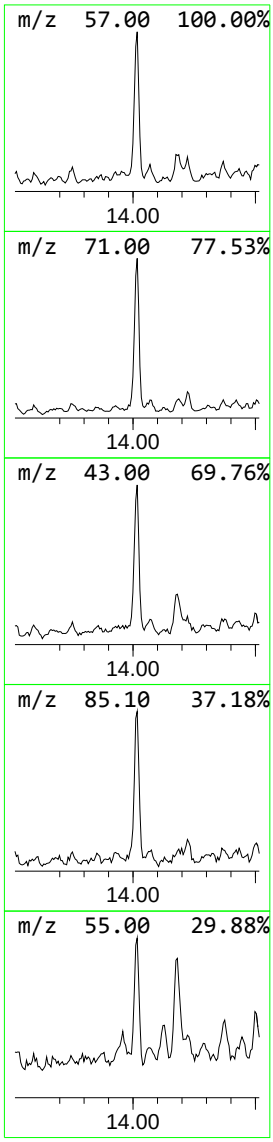
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.017	3.43 ng/ul	177011	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	90
2	Tetratetracontane	619	C44H90	007098-22-8	86
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78





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Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

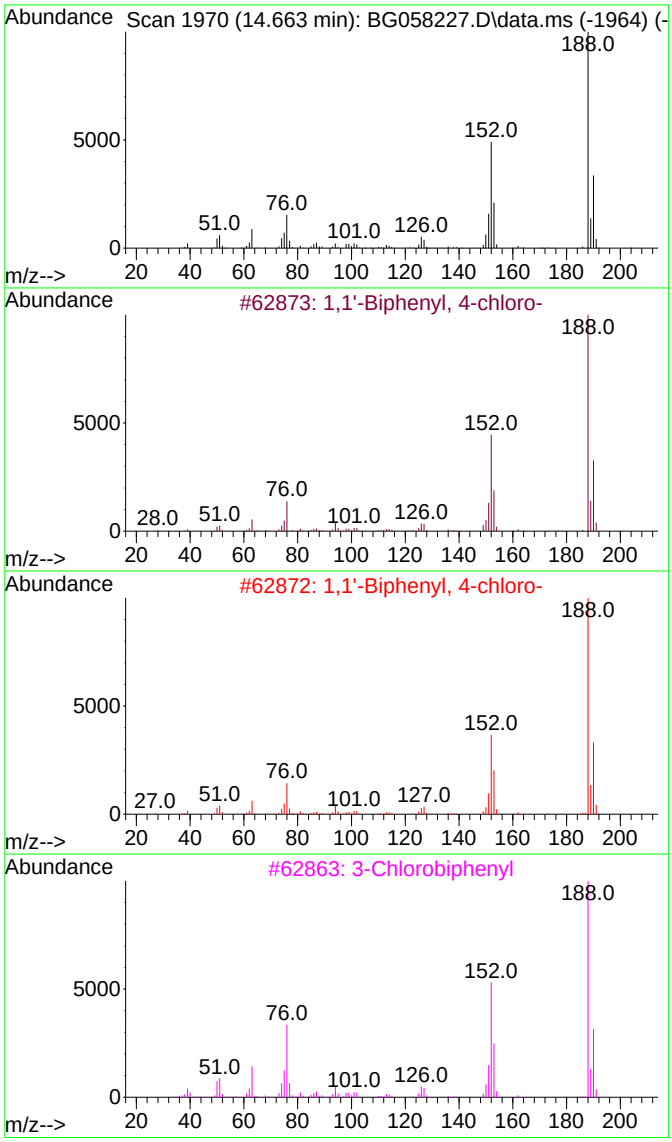
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

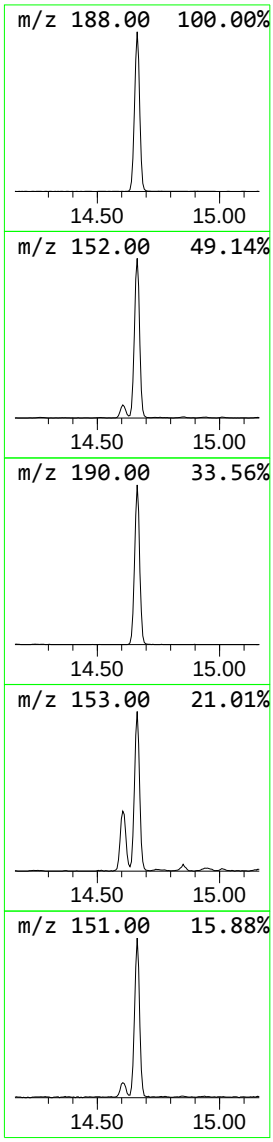
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 4-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.663	35.49 ng/ul	1830230	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	96
2	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94
3	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	94
4	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	94
5	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	93





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Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

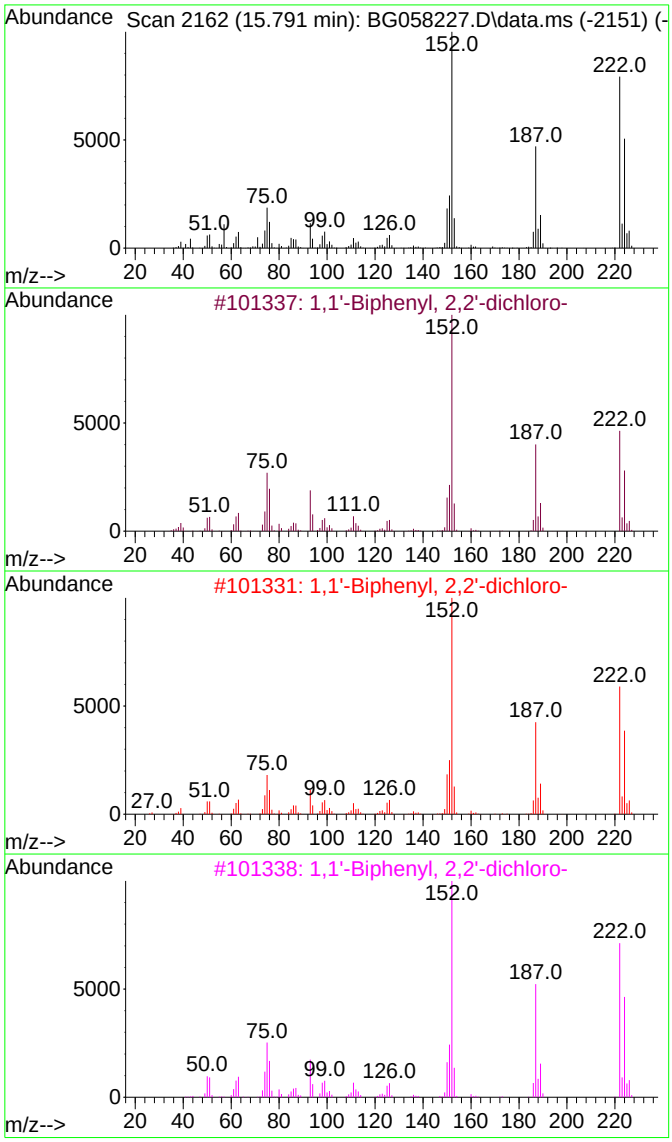
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

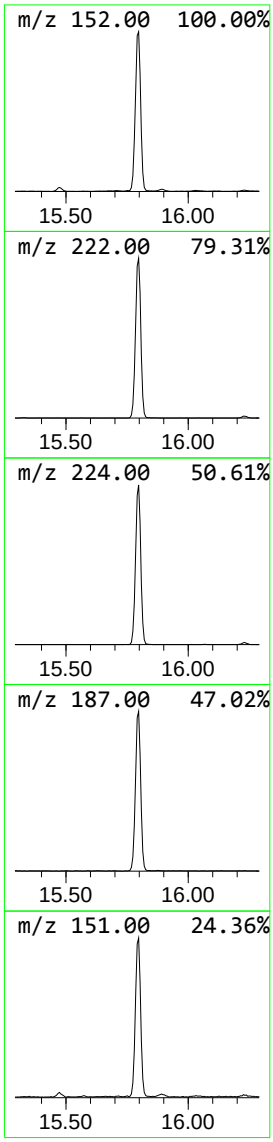
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.791	52.45 ng/ul	2704300	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
4	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	97
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97





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Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

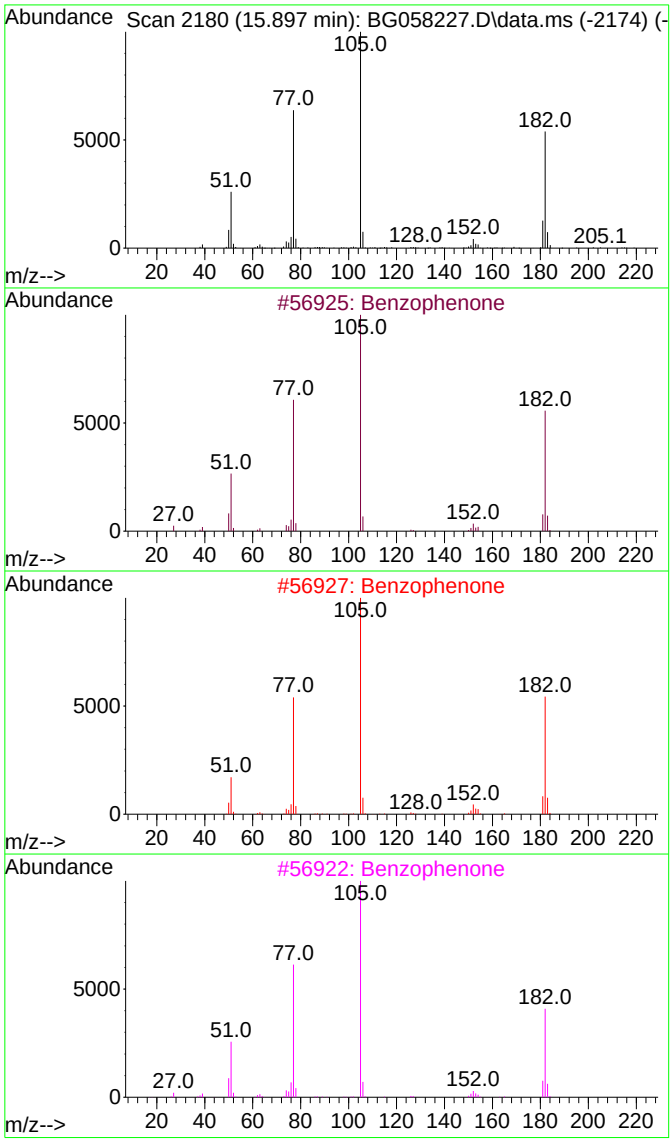
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

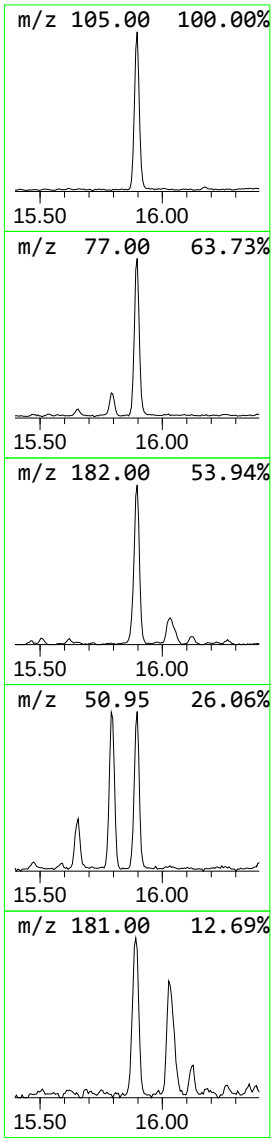
****

Peak Number 21 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.897	6.70 ng/ul	345469	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	90
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78





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Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

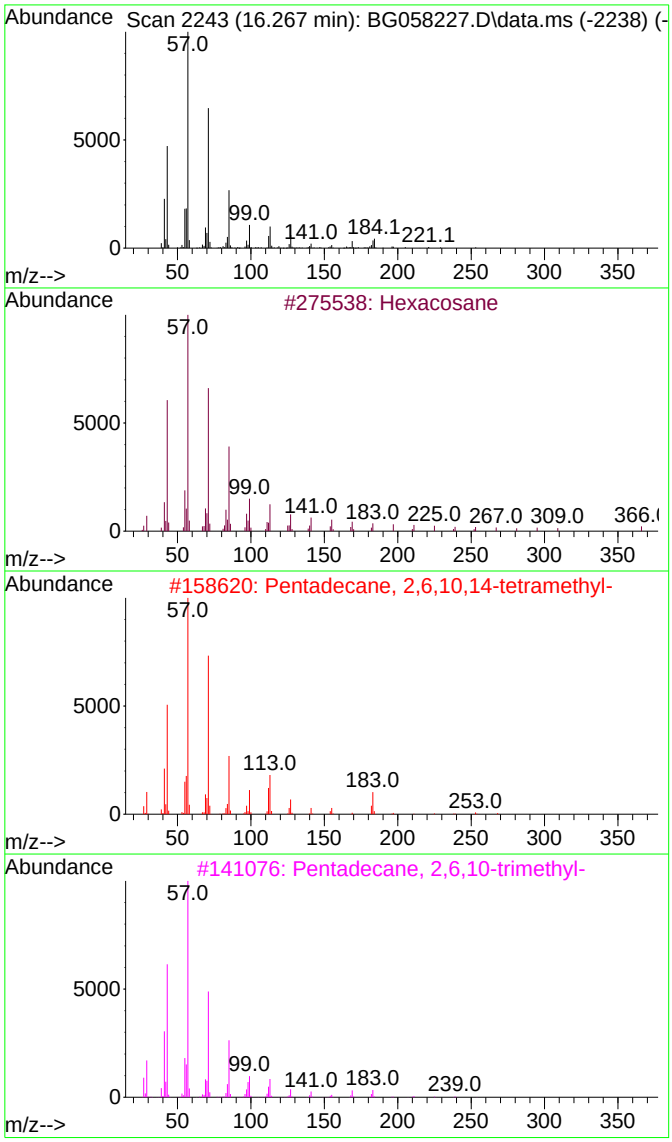
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

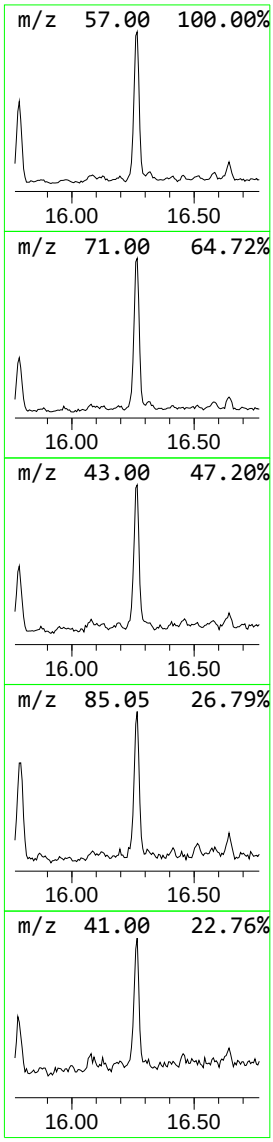
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.267	6.59 ng/ul	427452	Phenanthrene-d10	17.289

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	86
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





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Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

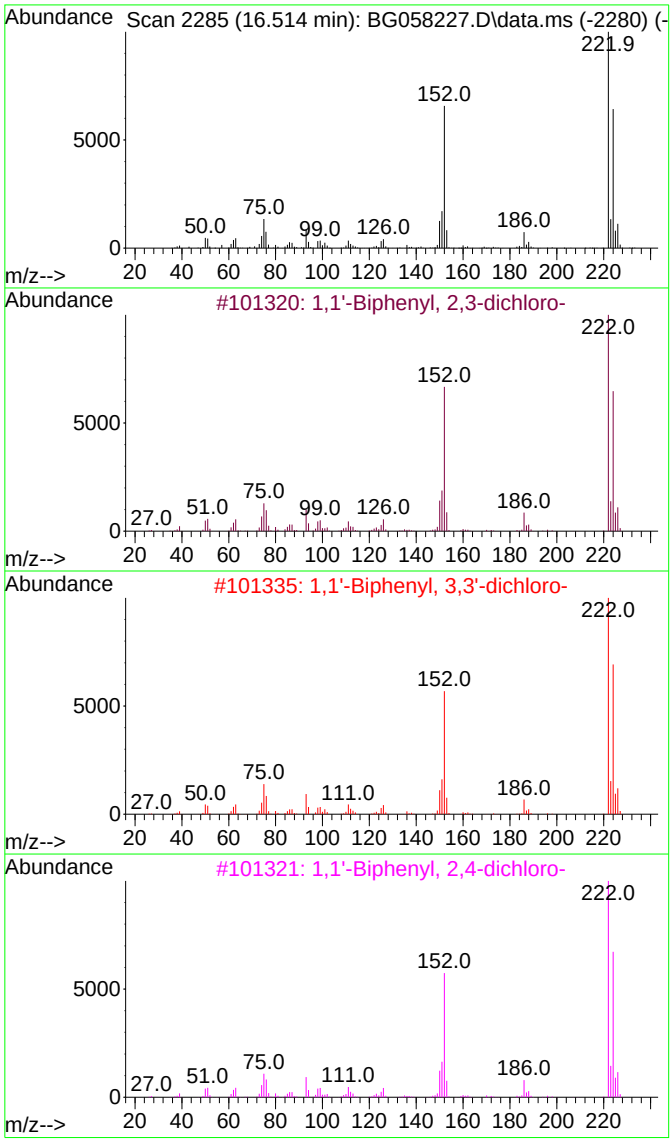
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

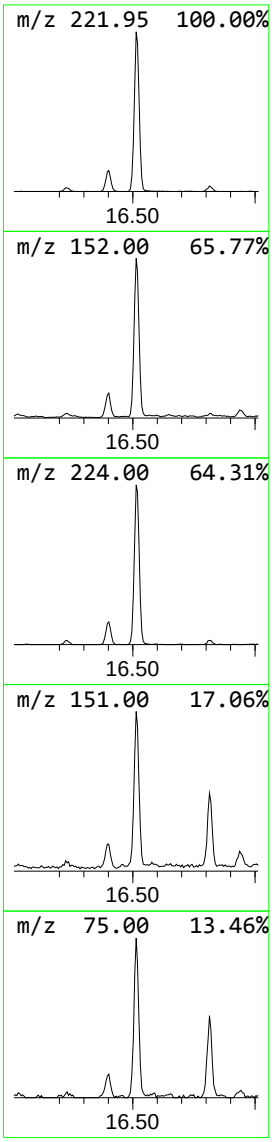
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.514	10.98 ng/ul	712747	Phenanthrene-d10	17.289

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99
3	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
4	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	98
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98





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Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

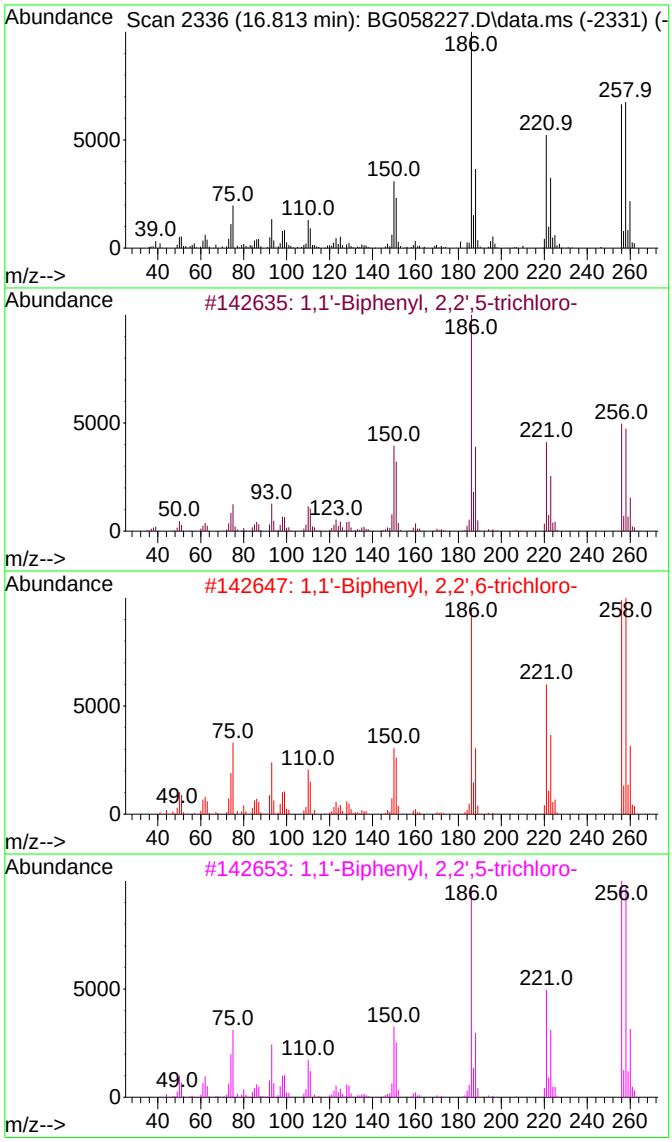
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

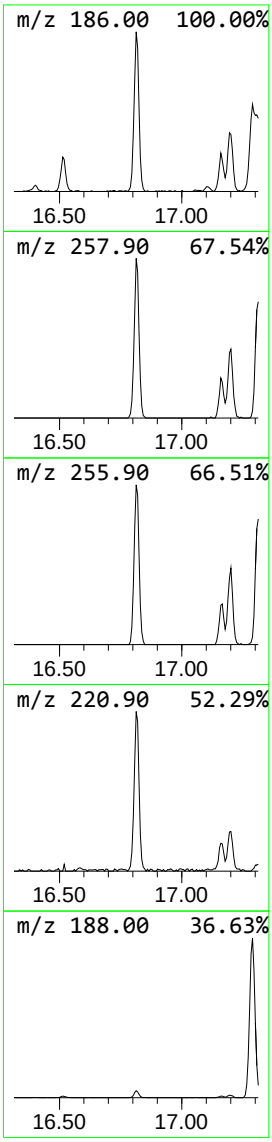
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.813	6.75 ng/ul	438420	Phenanthrene-d10	17.289

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98





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Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

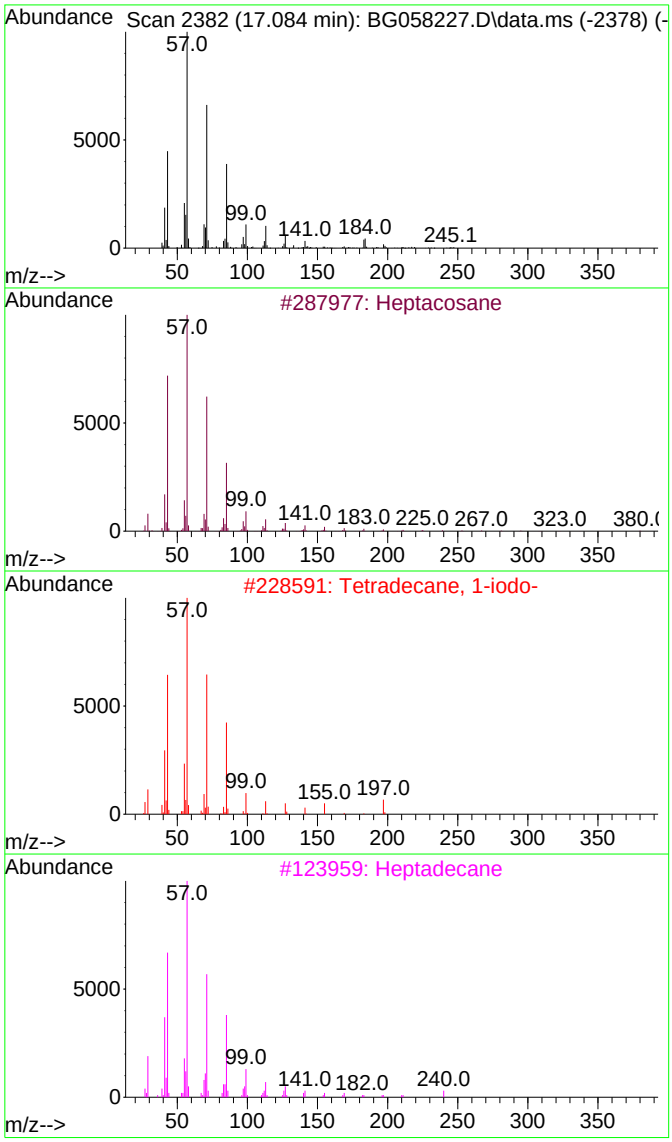
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

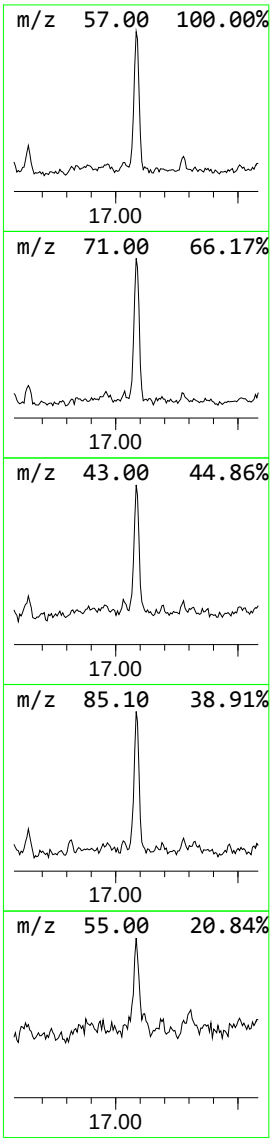
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.084	5.36 ng/ul	347803	Phenanthrene-d10	17.289

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
3	Heptadecane	240	C17H36	000629-78-7	78
4	Eicosane	282	C20H42	000112-95-8	78
5	Docosane	310	C22H46	000629-97-0	78





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Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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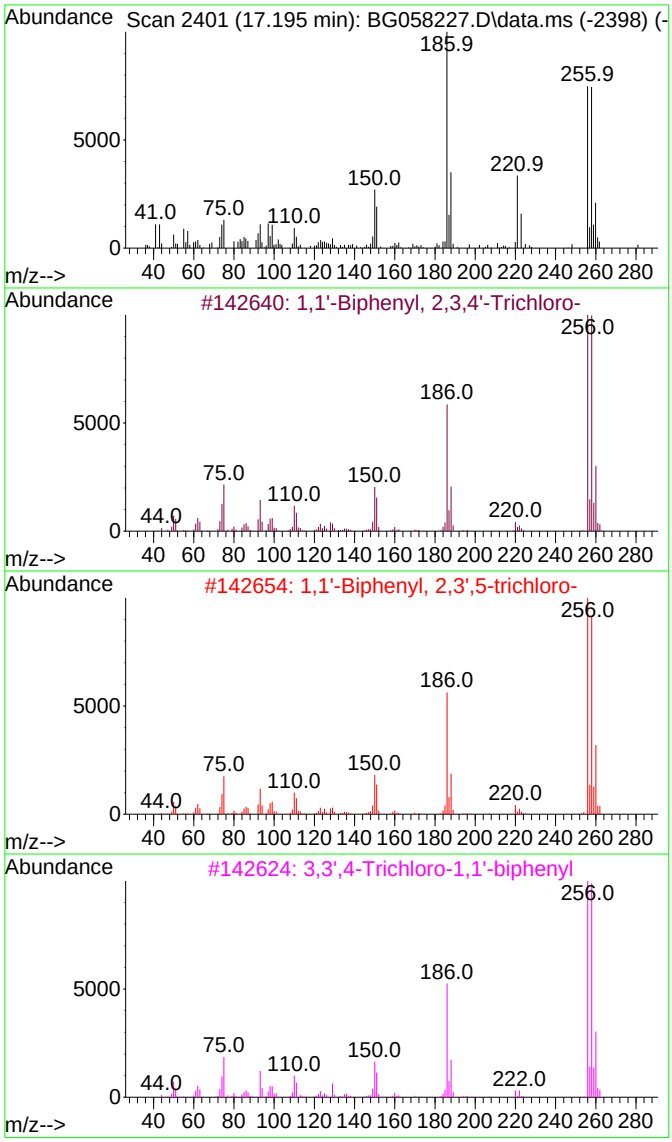
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

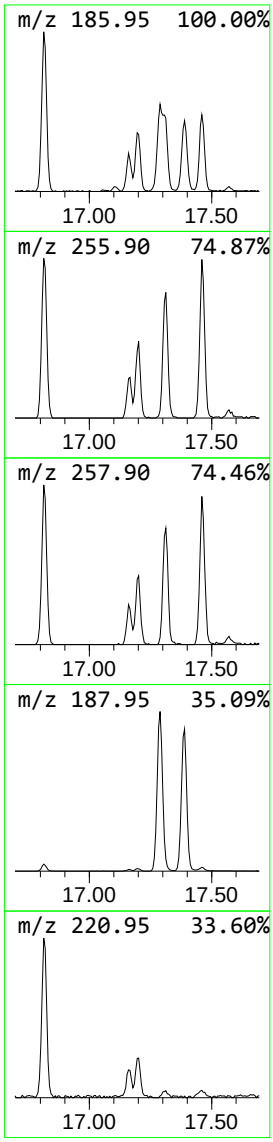
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1,1'-Biphenyl, 2,3,4'-Trich... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.195	2.31 ng/ul	149990	Phenanthrene-d10	17.289

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	96
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	96
3	3,3',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-69-6	96
4	1,1'-Biphenyl, 2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	96
5	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	95





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Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

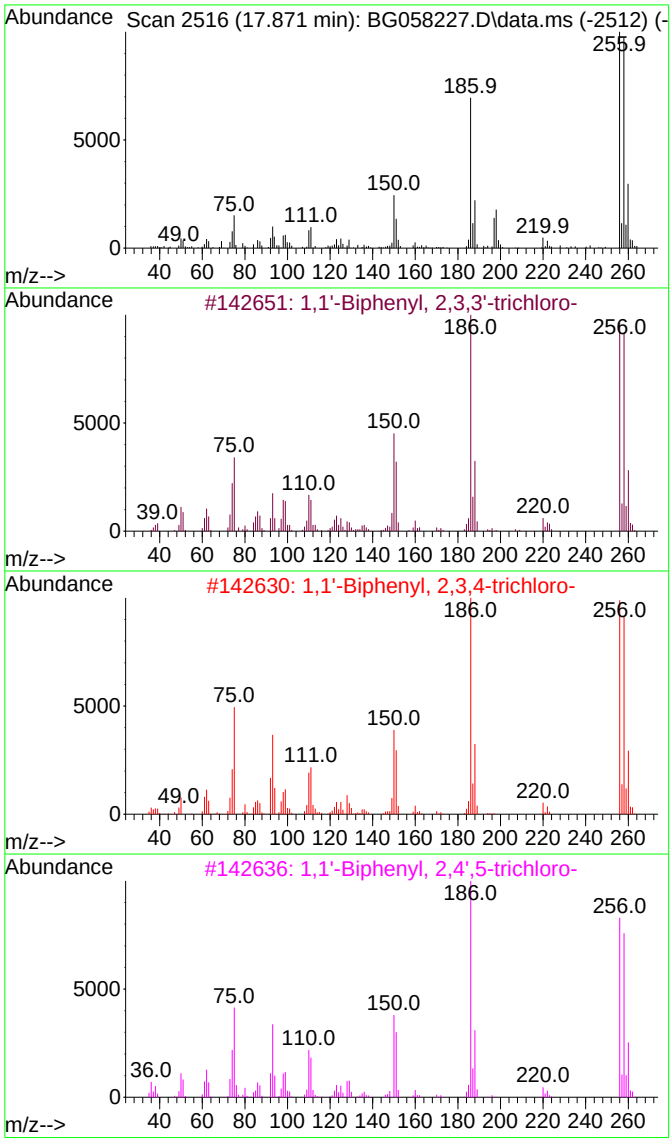
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

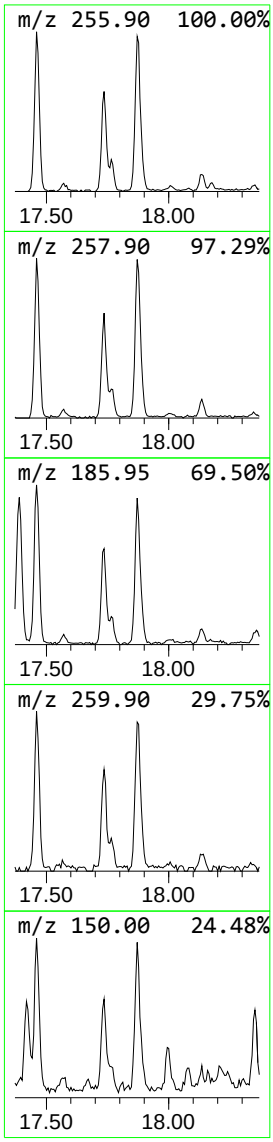
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.871	4.42 ng/ul	286923	Phenanthrene-d10	17.289

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
2	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
4	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99
5	3,4,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	053555-66-1	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

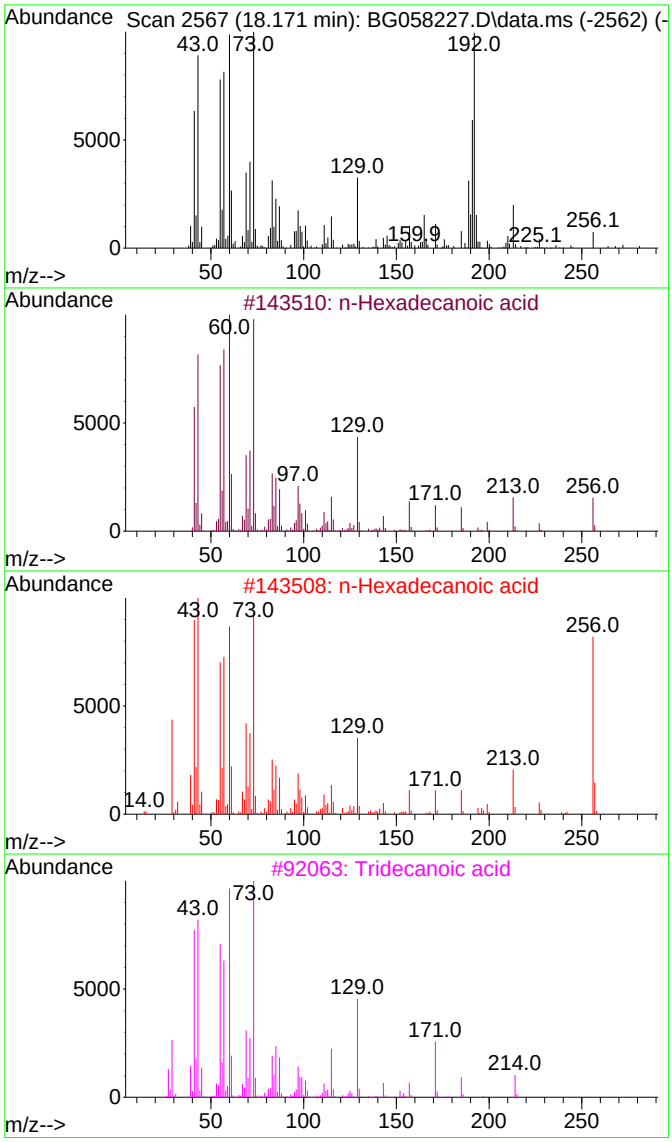
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

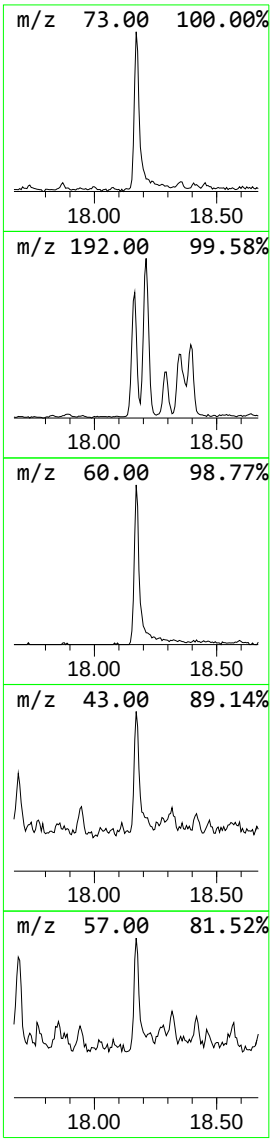
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.171	5.55 ng/ul	360099	Phenanthrene-d10	17.289

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80





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Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

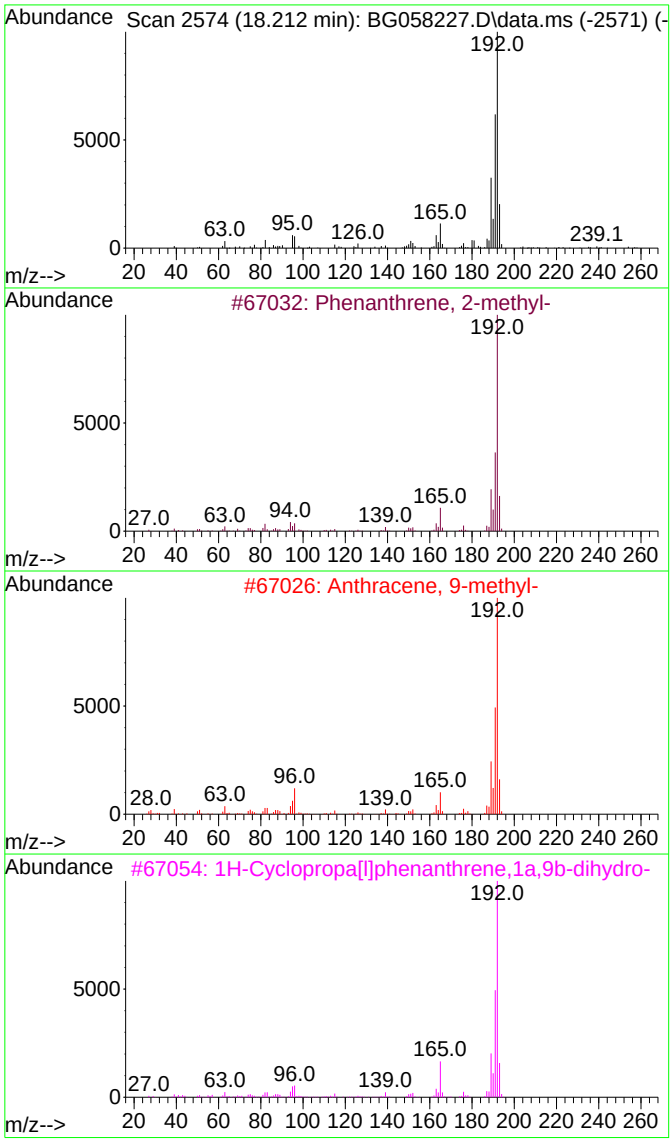
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

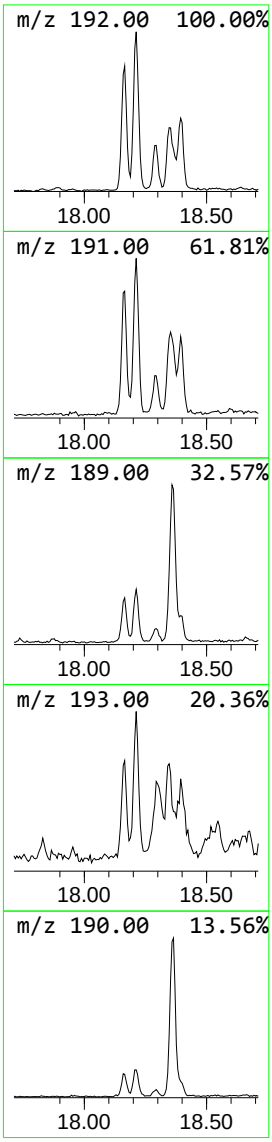
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Phenanthrene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.212	2.80 ng/ul	181543	Phenanthrene-d10	17.289

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

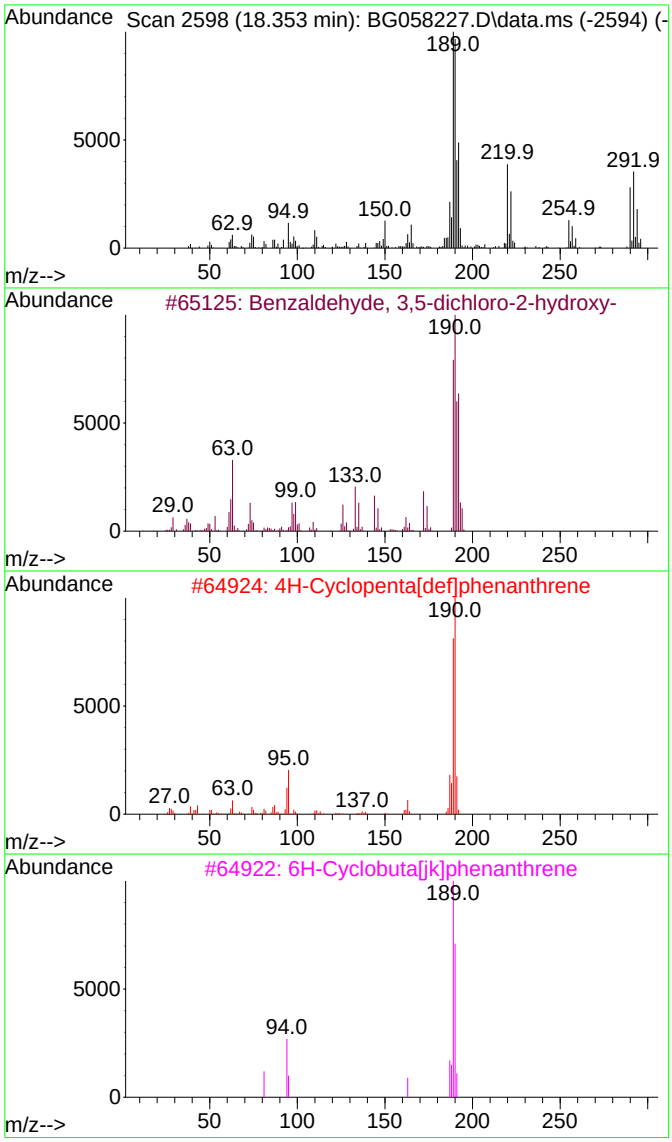
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

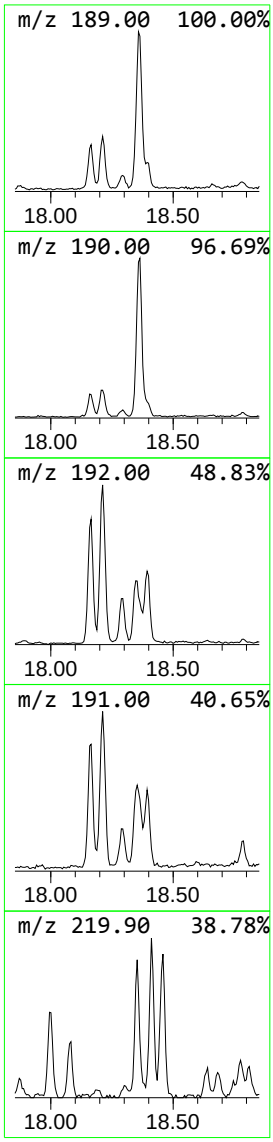
****

Peak Number 30 unknown-04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.353	4.47 ng/ul	290105	Phenanthrene-d10	17.289

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	46
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	38
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	30
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	27





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Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

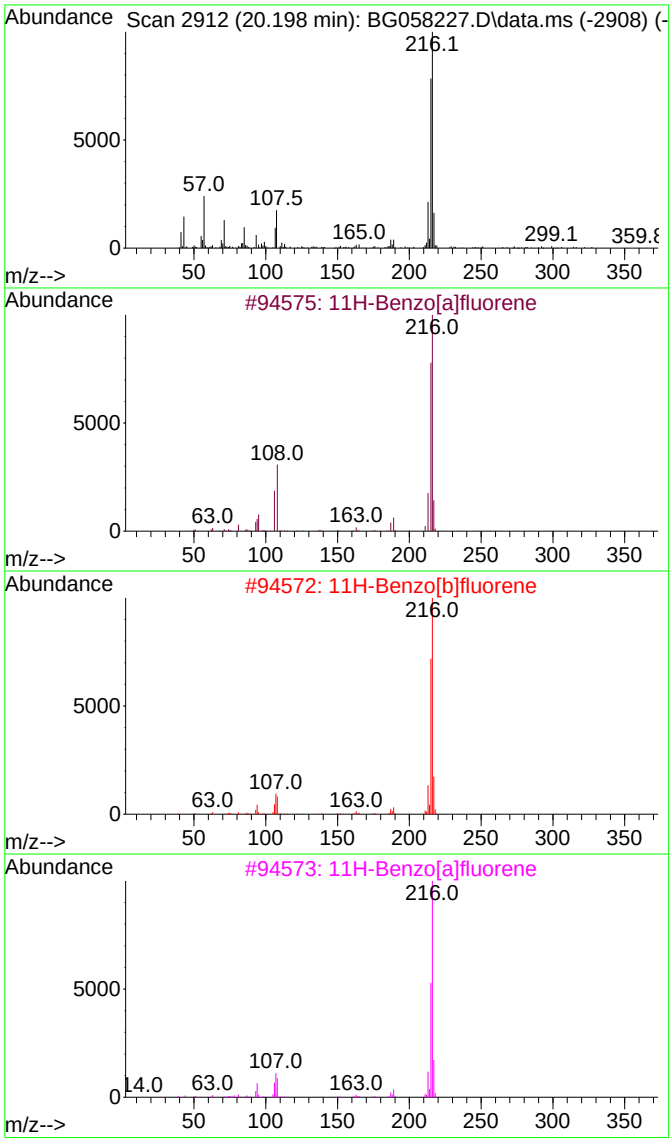
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

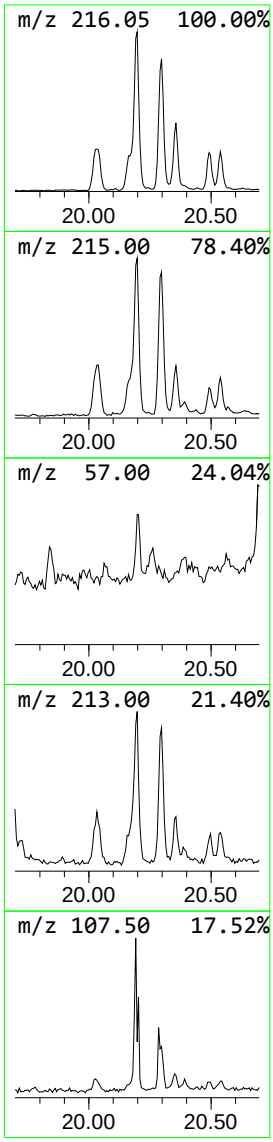
****

Peak Number 31 11H-Benzo[a]fluorene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.198	3.02 ng/ul	267744	Chrysene-d12	21.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

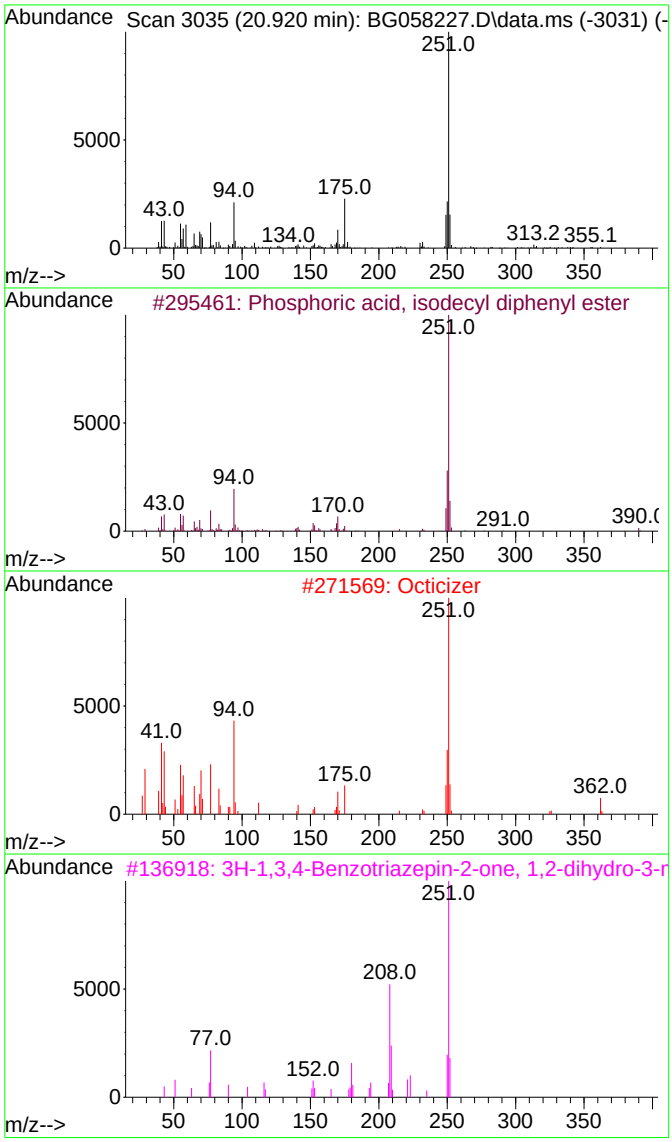
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

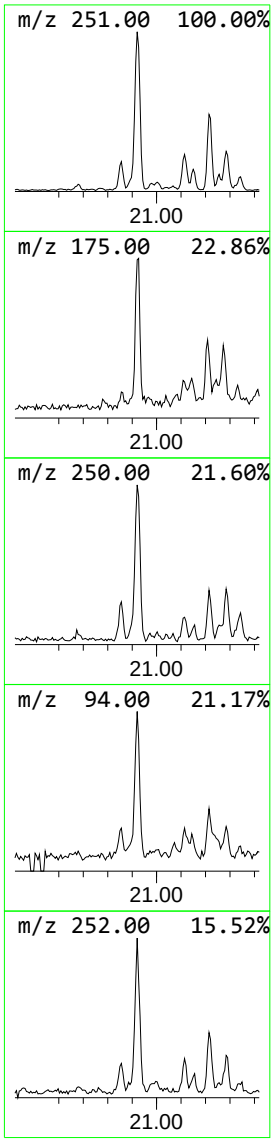
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Phosphoric acid, isodecyl d... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.920	2.65 ng/ul	235444	Chrysene-d12	21.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, isodecyl diphen...	390	C22H31O4P	1346599-15-2	74
2	Octicizer	362	C20H27O4P	001241-94-7	64
3	3H-1,3,4-Benzotriazepin-2-one, 1...	251	C15H13N3O	116089-26-0	47
4	2-Benzo[1,3]dioxol-5-yl-7-methyl...	251	C16H13NO2	1000274-75-9	47
5	Phosphoric acid, isodecyl diphen...	390	C22H31O4P	1346599-15-2	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

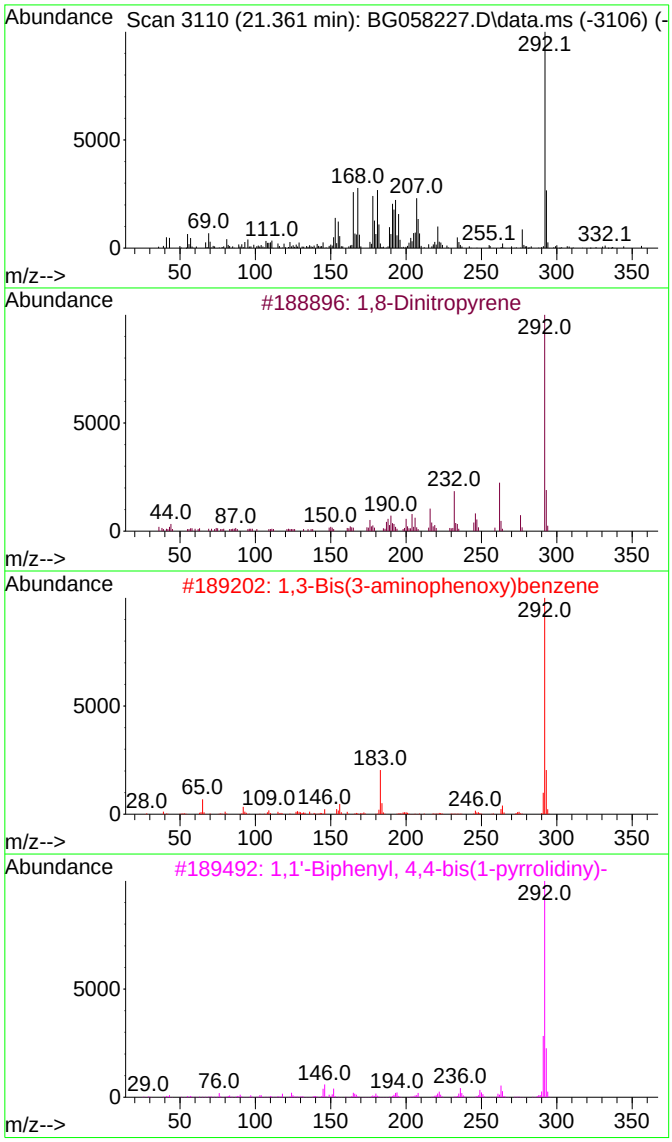
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

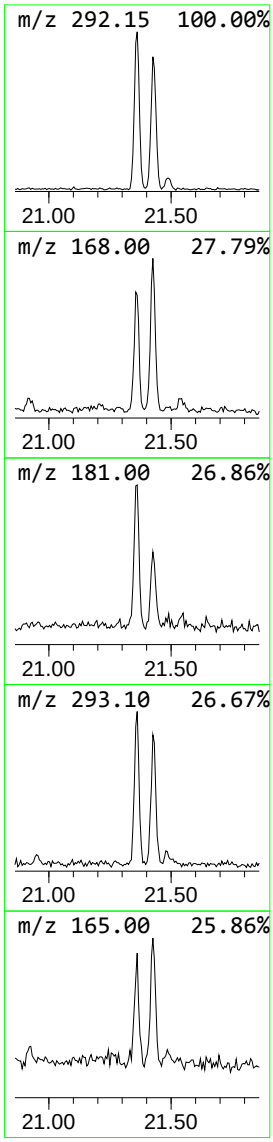
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 unknown-05 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.361	2.43 ng/ul	215877	Chrysene-d12	21.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Dinitropyrene	292	C16H8N2O4	042397-65-9	30
2	1,3-Bis(3-aminophenoxy)benzene	292	C18H16N2O2	010526-07-5	30
3	1,1'-Biphenyl, 4,4-bis(1-pyrroli...	292	C20H24N2	1000193-54-6	27
4	2-Methoxy-6-(adamantyl-1)naphtha...	292	C21H24O	037436-36-5	27
5	3-(1H-Benzimidazol-2-yl)-7-metho...	292	C17H12N2O3	093326-79-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

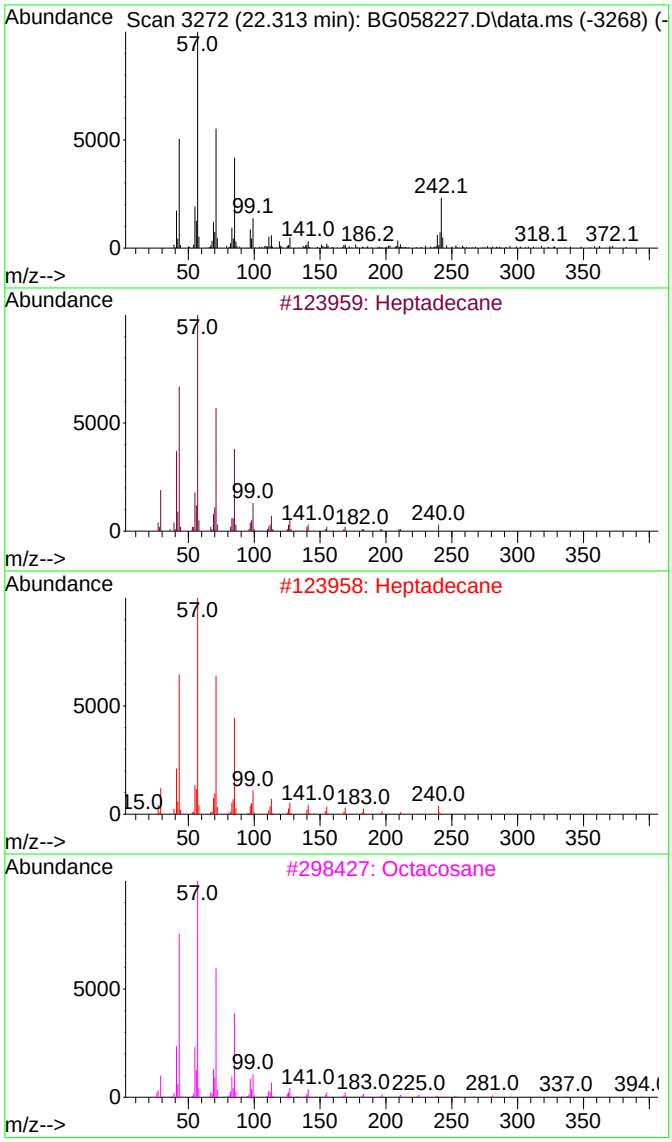
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

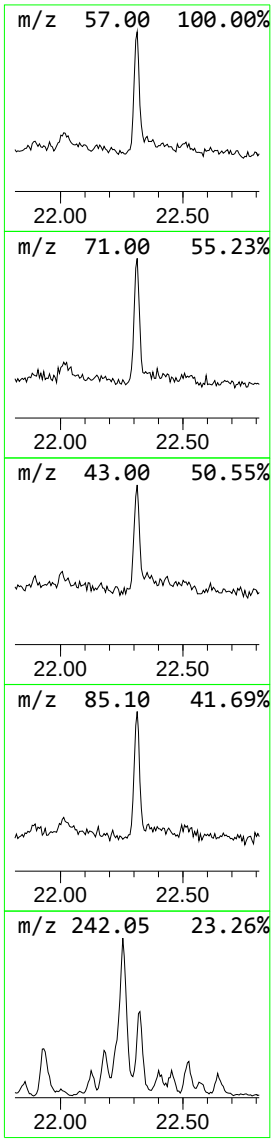
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.313	2.14 ng/ul	190309	Chrysene-d12	21.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	89
2	Heptadecane	240	C17H36	000629-78-7	89
3	Octacosane	394	C28H58	000630-02-4	76
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	76
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

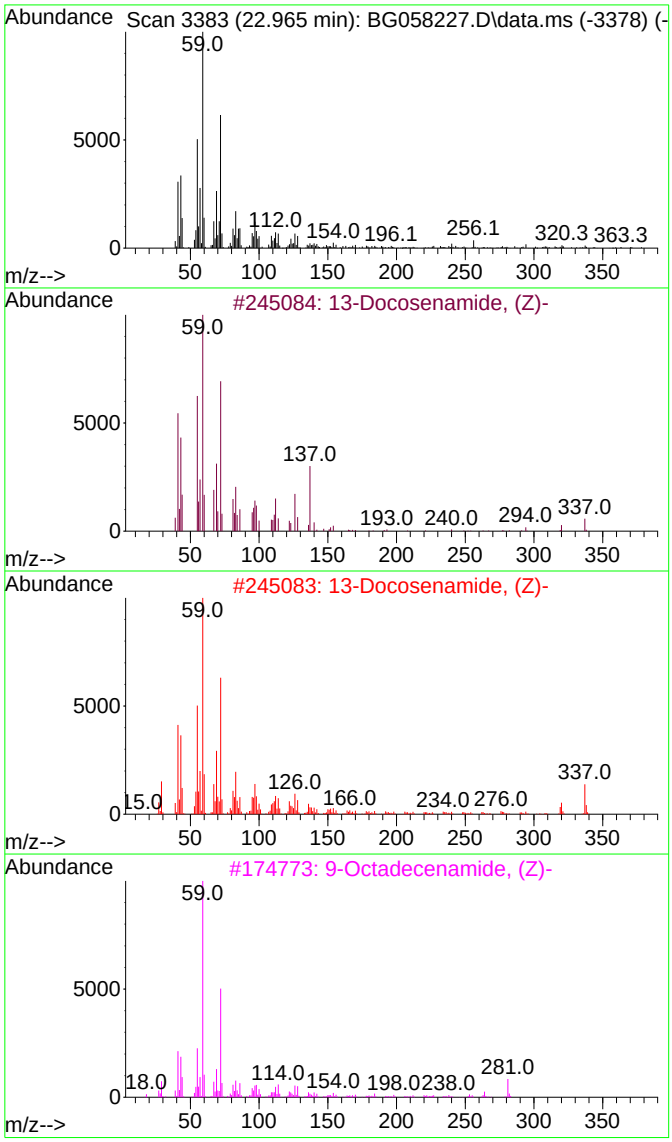
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

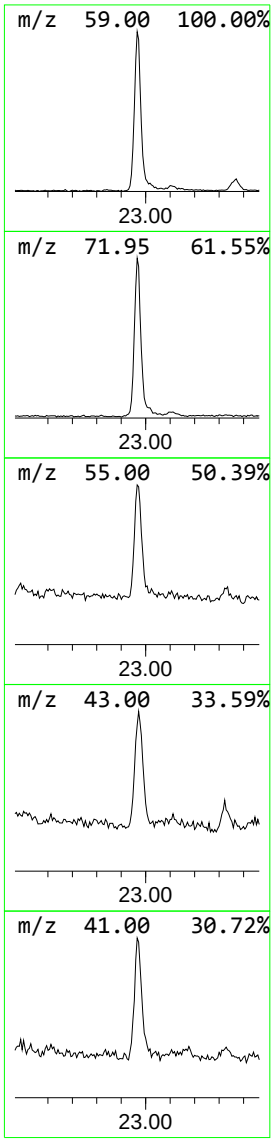
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 13-Docosenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.965	7.14 ng/ul	633804	Chrysene-d12	21.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
4	Tetradecanamide	227	C14H29NO	000638-58-4	78
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.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
Cyclohexene	3.153	464.1	ng/ul	9222320	1	7.900	397414	20.0
1,3-Pentadiene,...	4.340	2.3	ng/ul	46051	1	7.900	397414	20.0
Tetrachloroethy...	4.616	3.3	ng/ul	65357	1	7.900	397414	20.0
Benzene, 1,3-di...	5.544	3.1	ng/ul	62317	1	7.900	397414	20.0
2-Cyclohexen-1-ol	5.803	20.6	ng/ul	408476	1	7.900	397414	20.0
unknown-01	5.838	3.8	ng/ul	75242	1	7.900	397414	20.0
Cyclohexene, 3-...	6.179	5.2	ng/ul	102432	1	7.900	397414	20.0
2-Cyclohexen-1-one	6.525	36.4	ng/ul	722764	1	7.900	397414	20.0
7-Oxabicyclo[4....	7.977	2.7	ng/ul	53437	1	7.900	397414	20.0
7-Oxabicyclo[4....	8.076	4.0	ng/ul	79035	1	7.900	397414	20.0
unknown-02	8.153	8.3	ng/ul	164237	1	7.900	397414	20.0
2-Chlorocyclohe...	8.223	92.7	ng/ul	1841090	1	7.900	397414	20.0
1,2-Cyclohexane...	8.664	2.9	ng/ul	58163	1	7.900	397414	20.0
Cyclohexane, 1,...	8.893	5.3	ng/ul	105276	1	7.900	397414	20.0
unknown-03	9.199	2.1	ng/ul	42795	1	7.900	397414	20.0
(DEL) Alkane: S...	11.719	2.5	ng/ul	87101	2	10.703	694846	20.0
(DEL) Alkane: S...	13.071	2.6	ng/ul	136783	3	14.540	1031290	20.0
(DEL) Alkane: S...	14.017	3.4	ng/ul	177011	3	14.540	1031290	20.0
1,1'-Biphenyl, ...	14.663	35.5	ng/ul	1830230	3	14.540	1031290	20.0
1,1'-Biphenyl, ...	15.791	52.5	ng/ul	2704300	3	14.540	1031290	20.0
Benzophenone	15.897	6.7	ng/ul	345469	3	14.540	1031290	20.0
(DEL) Alkane: S...	16.267	6.6	ng/ul	427452	4	17.289	1298080	20.0
1,1'-Biphenyl, ...	16.514	11.0	ng/ul	712747	4	17.289	1298080	20.0
1,1'-Biphenyl, ...	16.813	6.8	ng/ul	438420	4	17.289	1298080	20.0
(DEL) Alkane: S...	17.084	5.4	ng/ul	347803	4	17.289	1298080	20.0
1,1'-Biphenyl, ...	17.195	2.3	ng/ul	149990	4	17.289	1298080	20.0
1,1'-Biphenyl, ...	17.871	4.4	ng/ul	286923	4	17.289	1298080	20.0
n-Hexadecanoic ...	18.171	5.5	ng/ul	360099	4	17.289	1298080	20.0
Phenanthrene, 2...	18.212	2.8	ng/ul	181543	4	17.289	1298080	20.0
unknown-04	18.353	4.5	ng/ul	290105	4	17.289	1298080	20.0
11H-Benzo[a]flu...	20.198	3.0	ng/ul	267744	5	21.543	1775930	20.0
Phosphoric acid...	20.920	2.6	ng/ul	235444	5	21.543	1775930	20.0
unknown-05	21.361	2.4	ng/ul	215877	5	21.543	1775930	20.0
(DEL) Alkane: S...	22.313	2.1	ng/ul	190309	5	21.543	1775930	20.0
13-Docosenamide...	22.965	7.1	ng/ul	633804	5	21.543	1775930	20.0