LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050950.D
Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

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-BG110321.M
Title : SVOA CALIBRATION

Signal : TIC: BG050950.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.582	13	16	23	rVB3	4344	7002	0.30%	0.032%
2	4.016	86	90	106	rBV	33823	66260	2.86%	0.300%
3	4.246	124	129	136	rVB	10583	16256	0.70%	0.074%
4	5.280	299	305	315	rBV3	6657	12186	0.53%	0.055%
5	5.509	339	344	350	rBV2	10690	17579	0.76%	0.080%
6	5.703	372	377	384	rVB	20166	31172	1.35%	0.141%
7	7.371	654	661	670	rBV	82177	155495	6.71%	0.705%
8	7.542	684	690	699	rBV	70645	121563	5.25%	0.551%
9	7.753	720	726	735	rBV	86576	150036	6.47%	0.680%
10	8.229	800	807	819	rVV2	155026	315582	13.62%	1.430%
11	8.335	821	825	830	rVB2	2992	5149	0.22%	0.023%
12	8.588	860	868	877	rVB2	23409	48119	2.08%	0.218%
13	8.922	919	925	940	rVB	94053	177350	7.65%	0.804%
14	9.058	944	948	953	rVB	5337	6711	0.29%	0.030%
15	9.398	999	1006	1015	rBV	86445	162773	7.02%	0.738%
16	9.862	1080	1085	1089	rBV4	3674	5743	0.25%	0.026%
17	9.921	1089	1095	1098	rBV3	2797	4548	0.20%	0.021%
18	10.127	1122	1130	1139	rBV	67601	130813	5.64%	0.593%
19	10.286	1151	1157	1164	rVB5	5369	11218	0.48%	0.051%
20	10.362	1164	1170	1176	rVB5	4271	8304	0.36%	0.038%
21	10.438	1176	1183	1188	rBV5	6625	12839	0.55%	0.058%
22	10.538	1197	1200	1206	rBV4	3854	6129	0.26%	0.028%
23	10.667	1216	1222	1231	rBV	94477	177108	7.64%	0.803%
24	10.803	1240	1245	1254	rBV3	12992	27346	1.18%	0.124%
25	10.920	1262	1265	1269	rVB4	2617	4013	0.17%	0.018%
26	11.049	1279	1287	1294	rBV	220058	413665	17.85%	1.875%
27	11.184	1302	1310	1325	rVB2	100934	217344	9.38%	0.985%
28	11.408	1341	1348	1353	rBV7	3810	9083	0.39%	0.041%
29	11.531	1361	1369	1373	rBV6	2922	6528	0.28%	0.030%
30	11.731	1394	1403	1408	rBV8	9518	21427	0.92%	0.097%
31	11.854	1419	1424	1430	rBV7	7706	16197	0.70%	0.073%
32	11.954	1435	1441	1445	rVB6	6474	12025	0.52%	0.054%
33	12.036	1447	1455	1459	rBV	32870	55781	2.41%	0.253%
34	12.072	1459	1461	1466	rVV5	7603	12931	0.56%	0.059%
35	12.130	1466	1471	1475	rVB7	6428	11705	0.51%	0.053%
36	12.224	1483	1487	1492	rBV6	8542	12481	0.54%	0.057%

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Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

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-BG110321.M
Title : SVOA CALIBRATION

37	12.301	1494	1500	1504	rBV7	3770	8488	0.37%	0.038%
38	12.354	1507	1509	1514	rVB5	3398	4368	0.19%	0.020%
39	12.424	1516	1521	1523	rBV4	5557	8810	0.38%	0.040%
40	12.512	1532	1536	1539	rBV6	4401	7666	0.33%	0.035%
41	12.559	1539	1544	1549	rVV6	19075	36884	1.59%	0.167%
42	12.642	1551	1558	1564	rVB4	15551	38116	1.64%	0.173%
43	12.830	1586	1590	1592	rBV4	5205	8681	0.37%	0.039%
44	12.906	1598	1603	1611	rVB	23723	45987	1.98%	0.208%
45	13.053	1622	1628	1631	rBV6	10038	21072	0.91%	0.095%
46	13.117	1635	1639	1643	rVB	13404	19815	0.85%	0.090%
47	13.206	1650	1654	1657	rBV5	4971	7196	0.31%	0.033%
48	13.300	1666	1670	1675	rVB7	4656	9317	0.40%	0.042%
49	13.364	1675	1681	1687	rBV	61657	97339	4.20%	0.441%
50	13.441	1690	1694	1700	rVB8	8427	16041	0.69%	0.073%
51	13.505	1700	1705	1709	rBV8	9303	13806	0.60%	0.063%
52	13.635	1723	1727	1730	rBV5	11817	22465	0.97%	0.102%
53	13.682	1730	1735	1740	rVB2	32051	61366	2.65%	0.278%
54	13.781	1749	1752	1755	rBV5	6987	8105	0.35%	0.037%
55	13.905	1768	1773	1777	rVB4	13730	27126	1.17%	0.123%
56	14.028	1788	1794	1800	rVB8	14583	33601	1.45%	0.152%
57	14.116	1805	1809	1814	rVB7	9676	16977	0.73%	0.077%
58	14.175	1814	1819	1823	rBV2	31771	54905	2.37%	0.249%
59	14.240	1823	1830	1836	rVV	202647	367155	15.84%	1.664%
60	14.298	1836	1840	1845	rVB2	123549	175015	7.55%	0.793%
61	14.357	1847	1850	1853	rBV5	7741	8829	0.38%	0.040%
62	14.404	1853	1858	1861	rBV2	19382	31696	1.37%	0.144%
63	14.439	1861	1864	1867	rVB4	13315	17126	0.74%	0.078%
64	14.504	1873	1875	1877	rBV3	7817	9141	0.39%	0.041%
65	14.545	1877	1882	1893	rVB	235114	465748	20.10%	2.111%
66	14.669	1898	1903	1909	rVB4	41032	69572	3.00%	0.315%
67	14.851	1920	1934	1940	rBV	332481	663463	28.63%	3.006%
68	14.915	1940	1945	1950	rVV2	86037	143533	6.19%	0.650%
69	15.039	1961	1966	1977	rBV2	85906	214544	9.26%	0.972%
70	15.139	1977	1983	1989	rBV6	30536	91147	3.93%	0.413%
71	15.221	1991	1997	1998	rBV	56604	90838	3.92%	0.412%
72	15.315	2010	2013	2022	rVB4	59810	122006	5.26%	0.553%
73	15.456	2032	2037	2042	rBV2	78612	137628	5.94%	0.624%
74	15.509	2042	2046	2049	rBV	41954	55767	2.41%	0.253%
75	15.556	2050	2054	2058	rVB3	46007	71730	3.10%	0.325%
76	15.626	2059	2066	2070	rBV6	91550	222867	9.62%	1.010%

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Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

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-BG110321.M
Title : SVOA CALIBRATION

77	15.714	2077	2081	2085	rBV5	36294	60550	2.61%	0.274%
78	15.767	2086	2090	2093	rBV4	34433	60310	2.60%	0.273%
79	15.838	2097	2102	2106	rBV	281363	428594	18.49%	1.942%
80	15.891	2107	2111	2115	rVB2	74131	131370	5.67%	0.595%
81	16.061	2134	2140	2150	rVB	456315	758106	32.71%	3.435%
82	16.543	2216	2222	2228	rBV	1487344	2288448	98.74%	10.370%
83	16.655	2238	2241	2243	rBV3	61982	75021	3.24%	0.340%
84	16.807	2264	2267	2272	rVB3	129706	172455	7.44%	0.781%
85	17.365	2357	2362	2367	rBV	1565941	2317555	100.00%	10.502%
86	17.559	2392	2395	2397	rBV	99860	133288	5.75%	0.604%
87	17.595	2397	2401	2405	rVV	435451	706695	30.49%	3.202%
88	17.636	2405	2408	2413	rVV	302086	506718	21.86%	2.296%
89	17.694	2414	2418	2423	rVB	284358	471700	20.35%	2.137%
90	17.977	2461	2466	2471	rBV	721825	1119171	48.29%	5.071%
91	18.599	2569	2572	2577	rVB3	348223	495074	21.36%	2.243%
92	18.699	2586	2589	2594	rVB2	538932	698911	30.16%	3.167%
93	19.199	2670	2674	2679	rVB	1096247	1811740	78.17%	8.210%
94	19.375	2701	2704	2708	rBV2	632494	796337	34.36%	3.609%
95	19.533	2728	2731	2734	rBV2	504694	581155	25.08%	2.633%
96	20.115	2827	2830	2836	rBV2	1093946	1627861	70.24%	7.377%
97	20.244	2850	2852	2855	rBV3	597523	826054	35.64%	3.743%
98	32.548	4944	4946	4949	rBV4	3902	4356	0.19%	0.020%

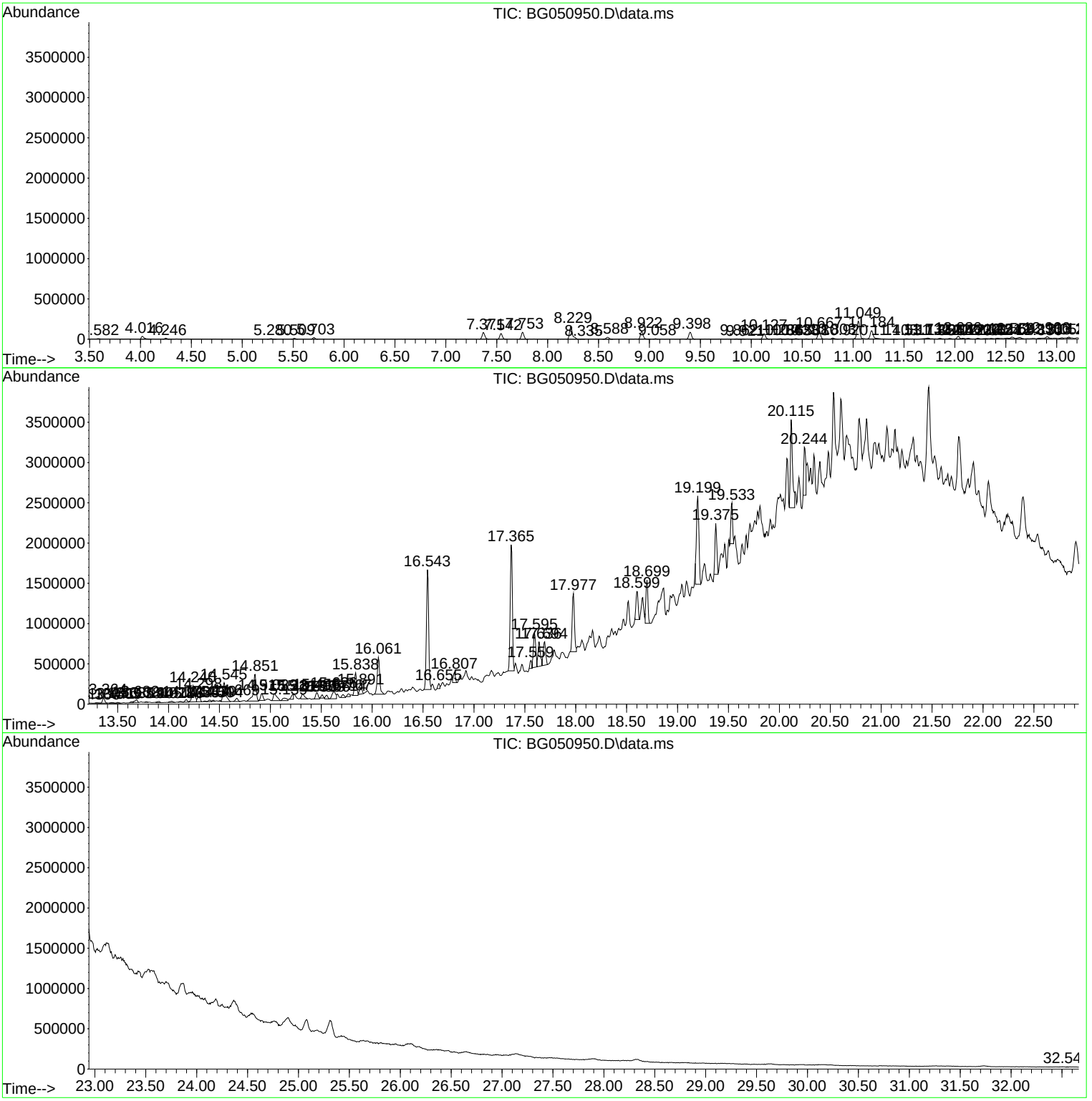
Sum of corrected areas: 22067866

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050950.D
Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050950.D
Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
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Instrument :
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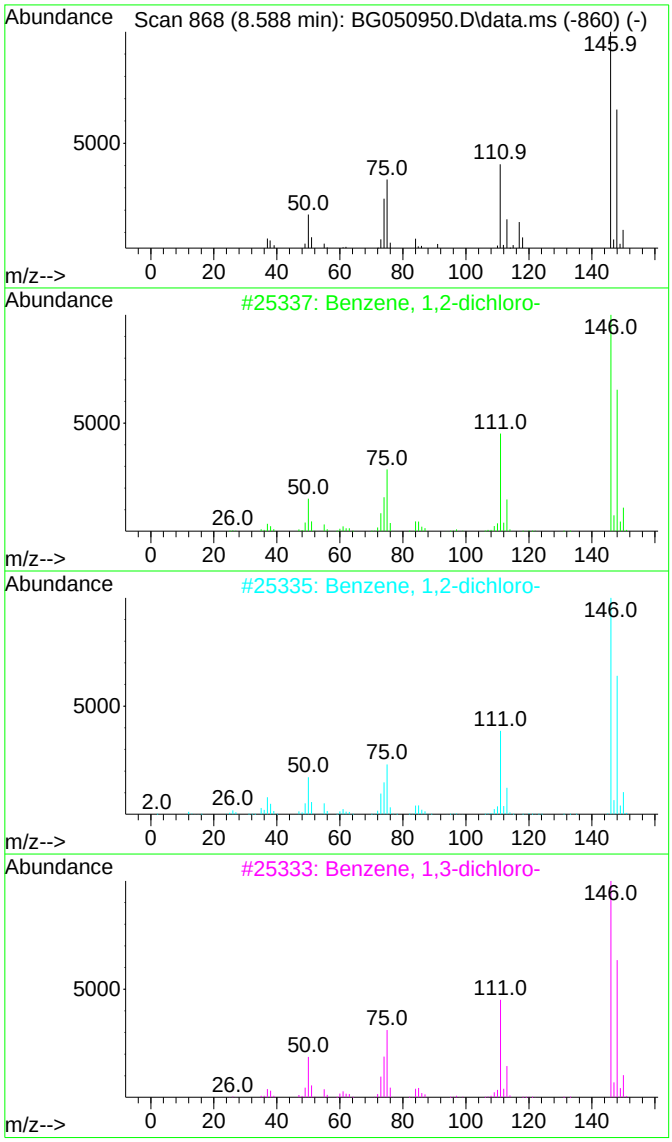
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

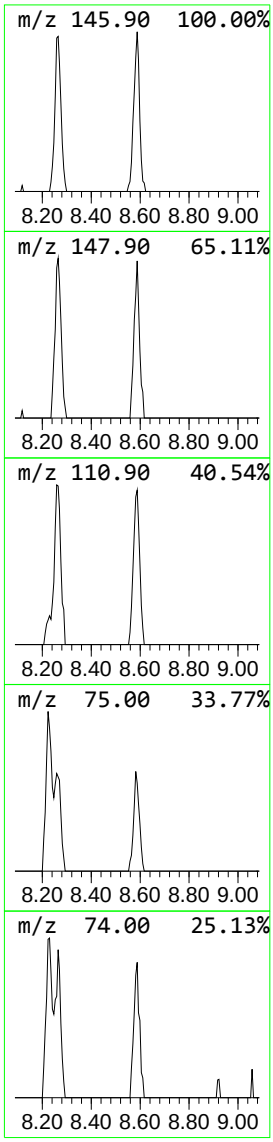
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,2-dichloro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.588	3.05 ng/ul	48119	1,4-Dichlorobenzene-d4	8.229

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	94
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	94
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	94
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050950.D
Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

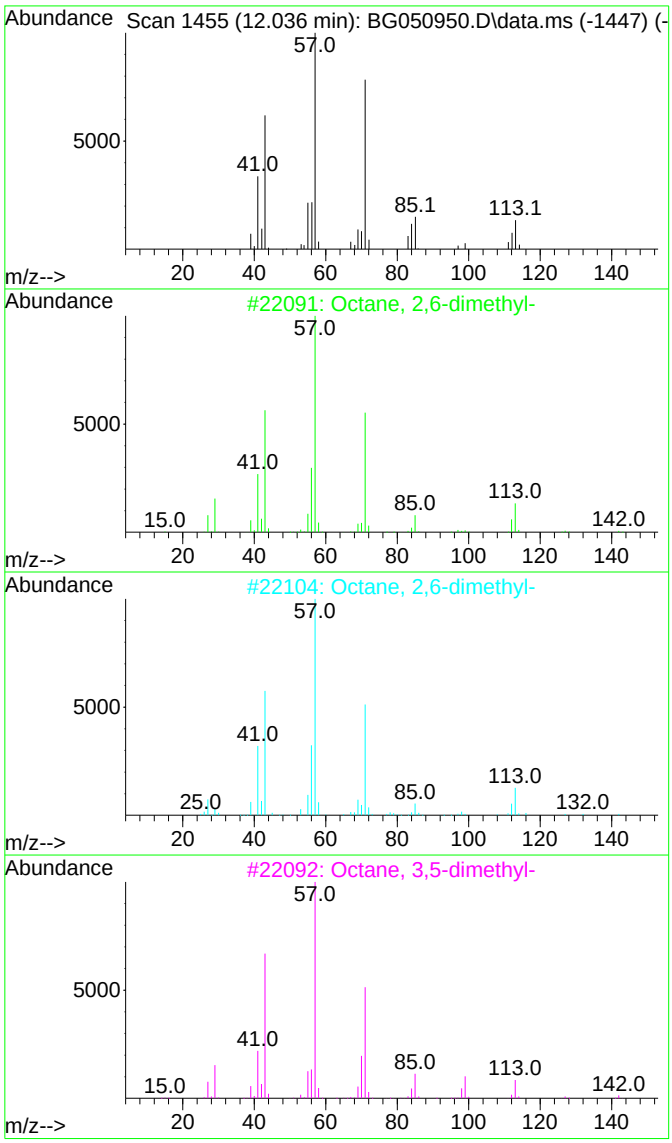
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

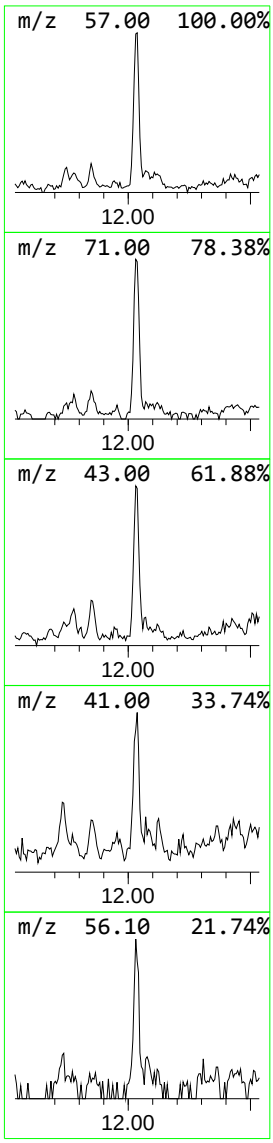
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chain Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.036	2.70 ng/ul	55781	Naphthalene-d8	11.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	78
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
5	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050950.D
Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

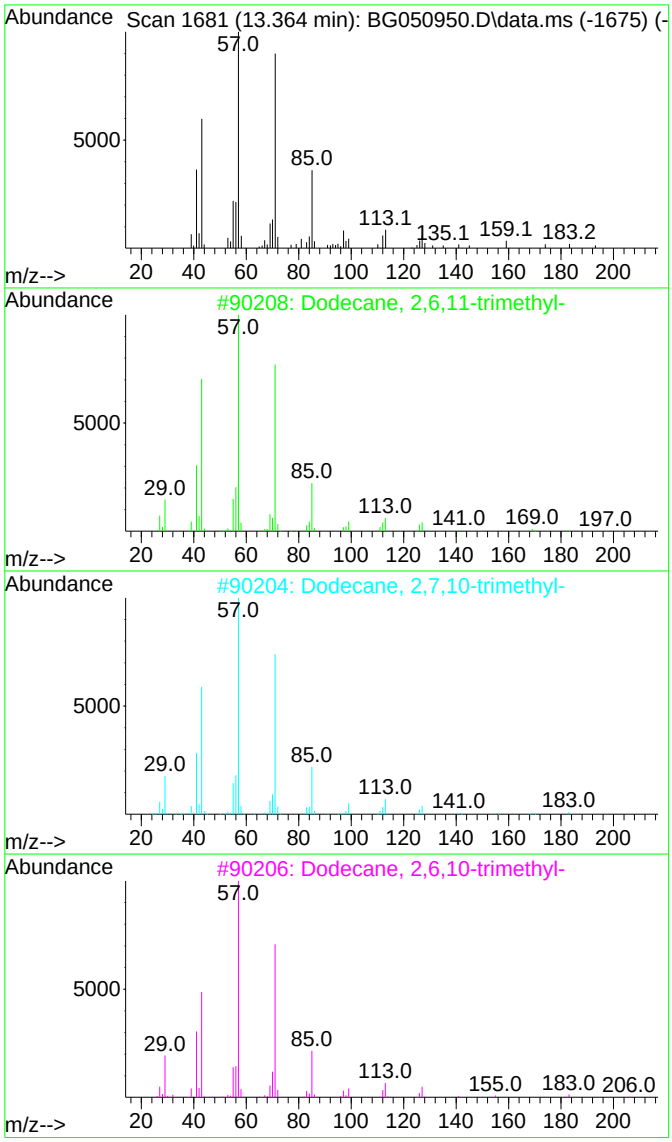
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

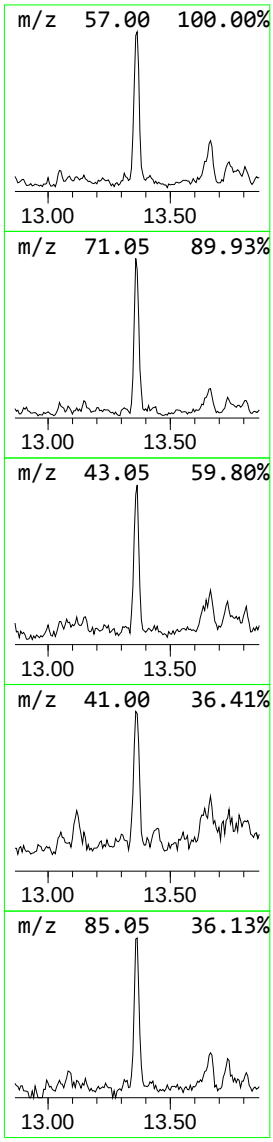
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.364	2.93 ng/ul	97339	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050950.D
Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

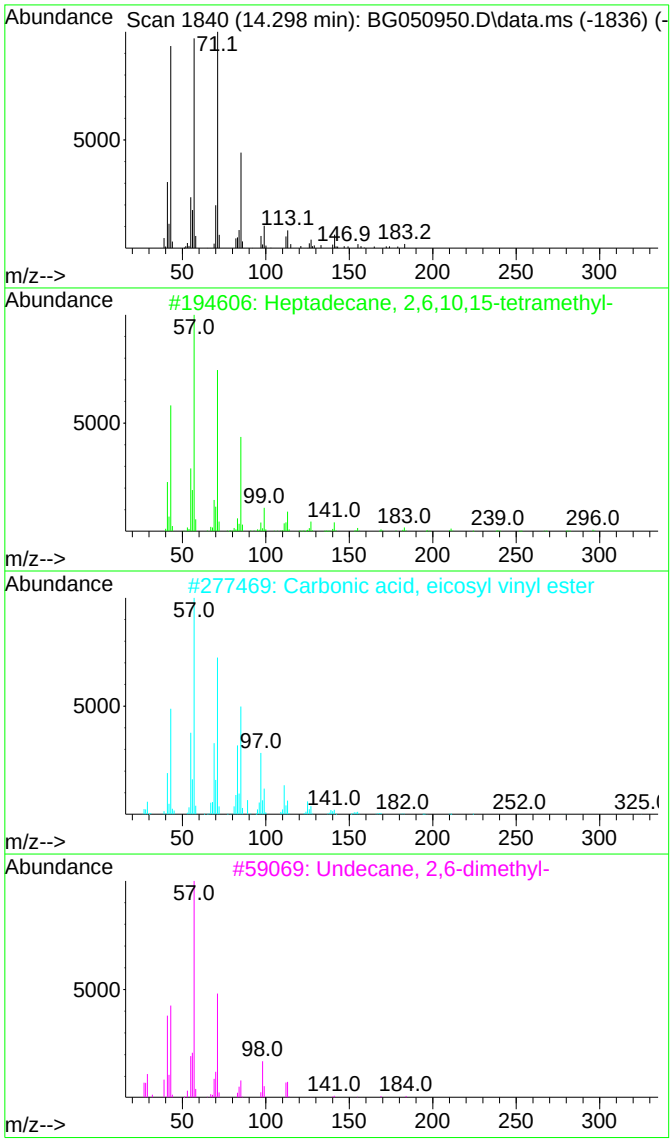
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

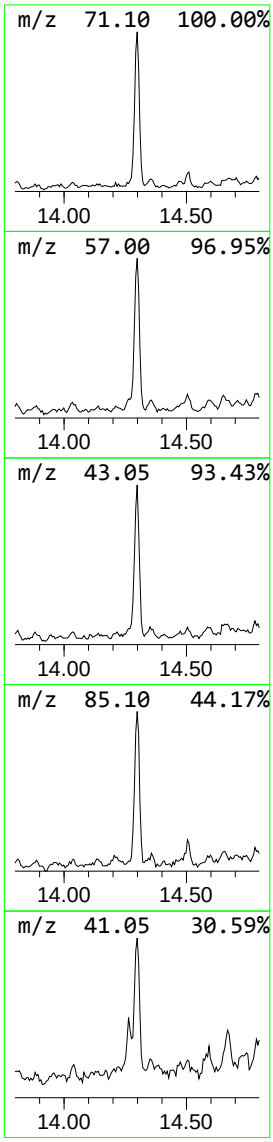
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.299	5.28 ng/ul	175015	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Nonadecane	268	C19H40	000629-92-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050950.D
Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

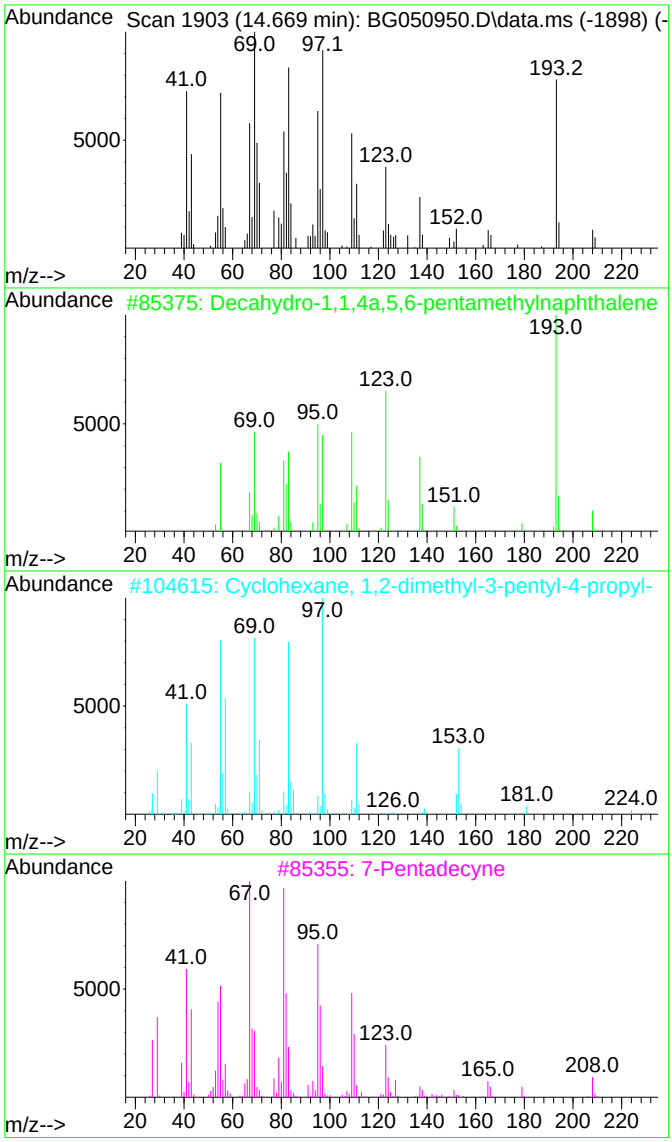
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

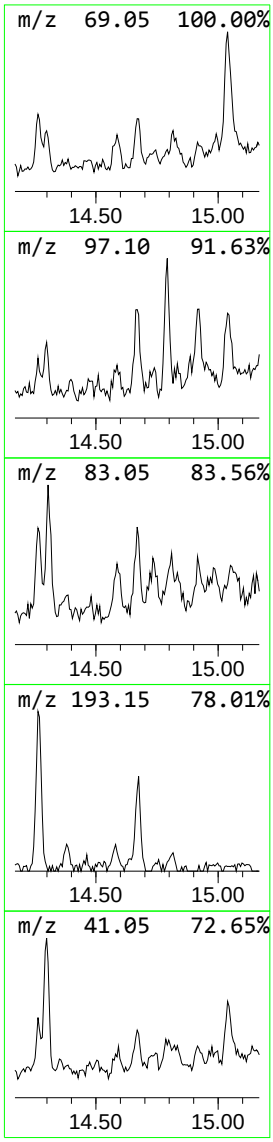
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	2.10 ng/ul	69572	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	93
2	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	46
3	7-Pentadecyne	208	C15H28	022089-89-0	44
4	1,2-Dodecanediol	202	C12H26O2	001119-87-5	43
5	1-Hexylbicyclo[2.2.2]octane	194	C14H26	1000435-94-2	42





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Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

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Quant Title : SVOA CALIBRATION

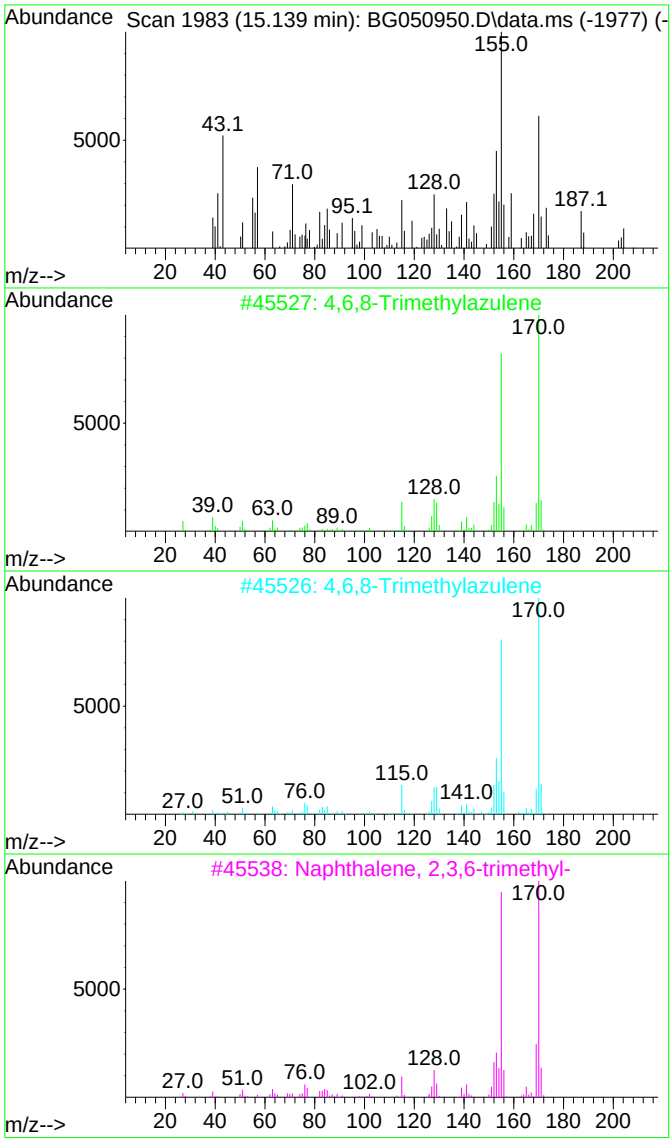
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

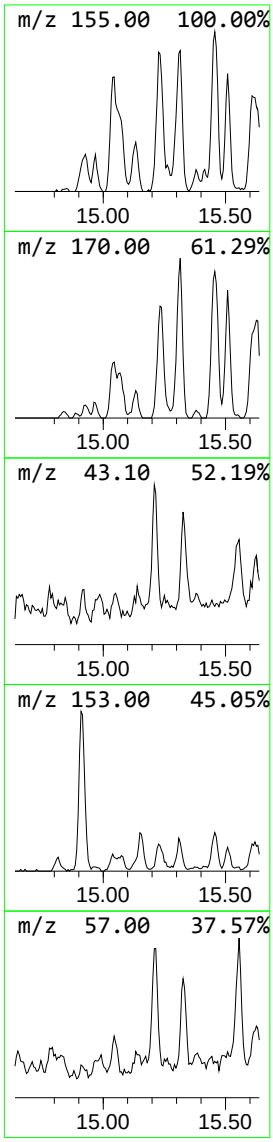
****

Peak Number 6 4,6,8-Trimethylazulene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.139	2.75 ng/ul	91147	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70





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Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

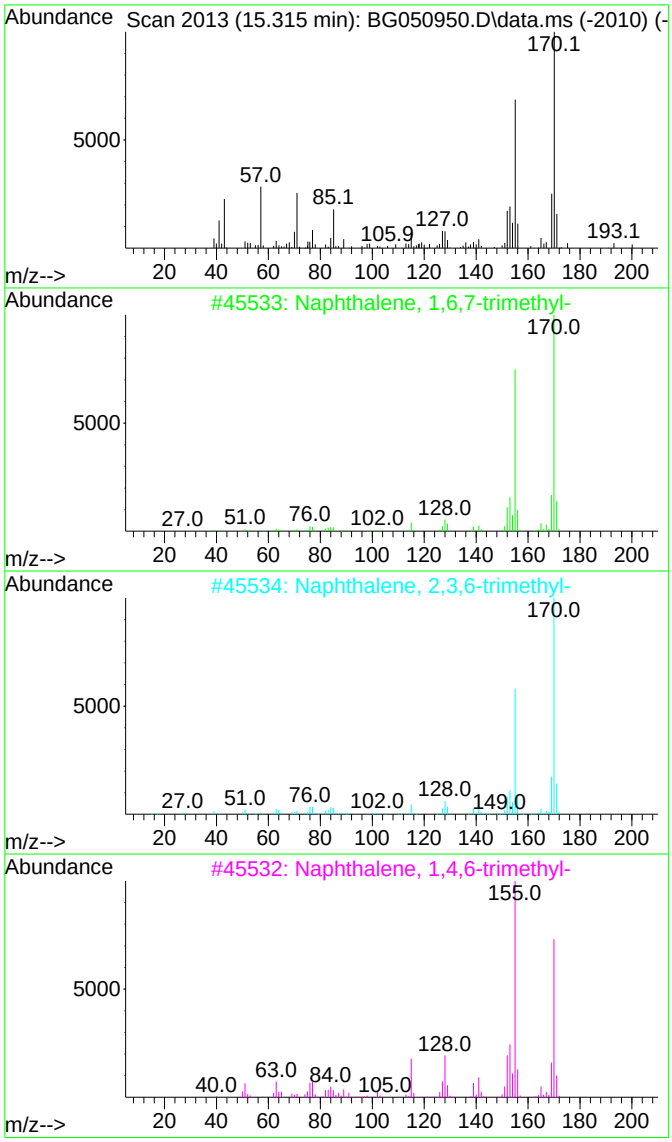
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

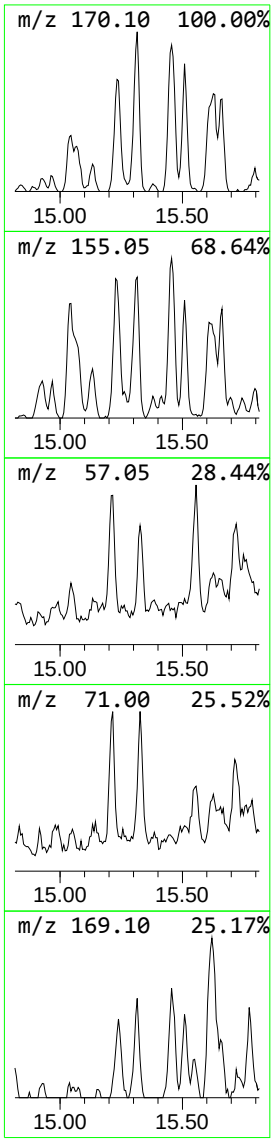
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	3.68 ng/ul	122006	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87





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Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

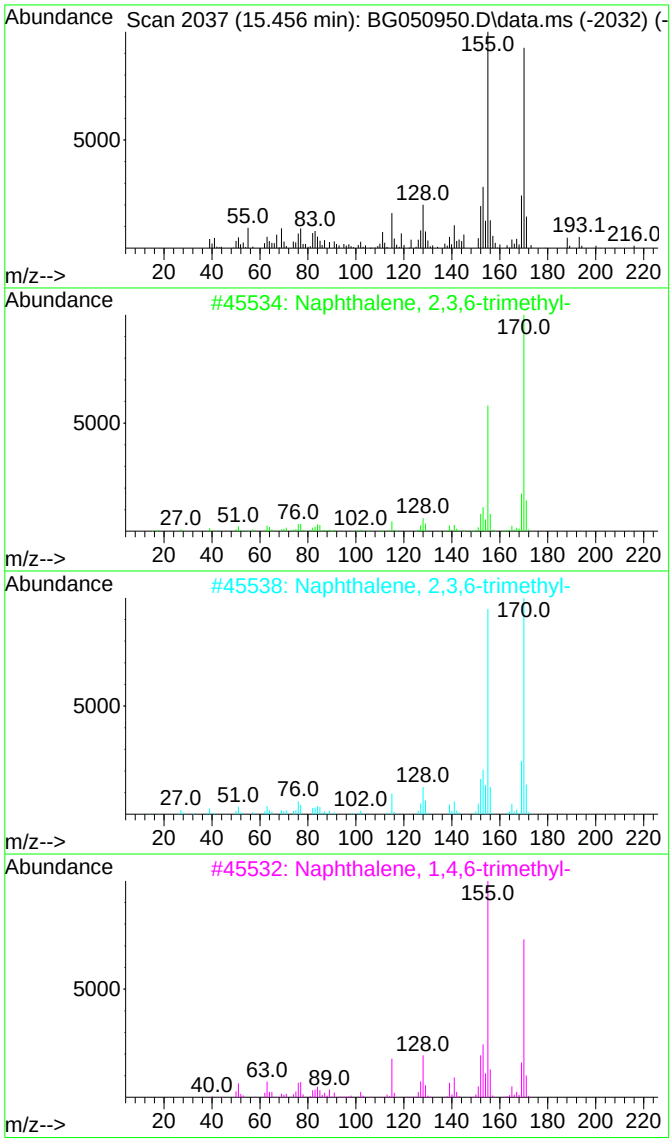
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

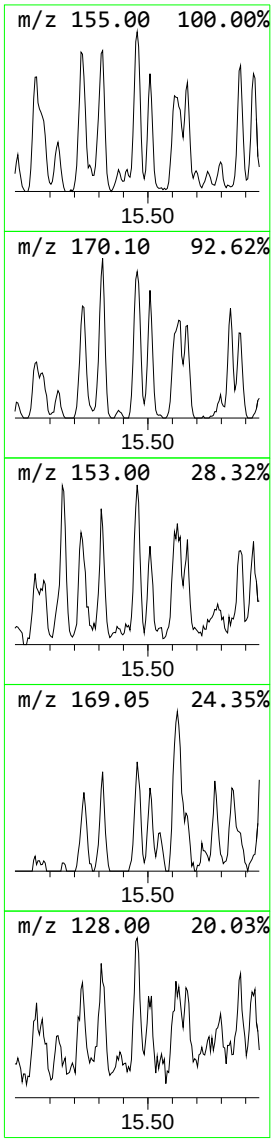
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.456	4.15 ng/ul	137628	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





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Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

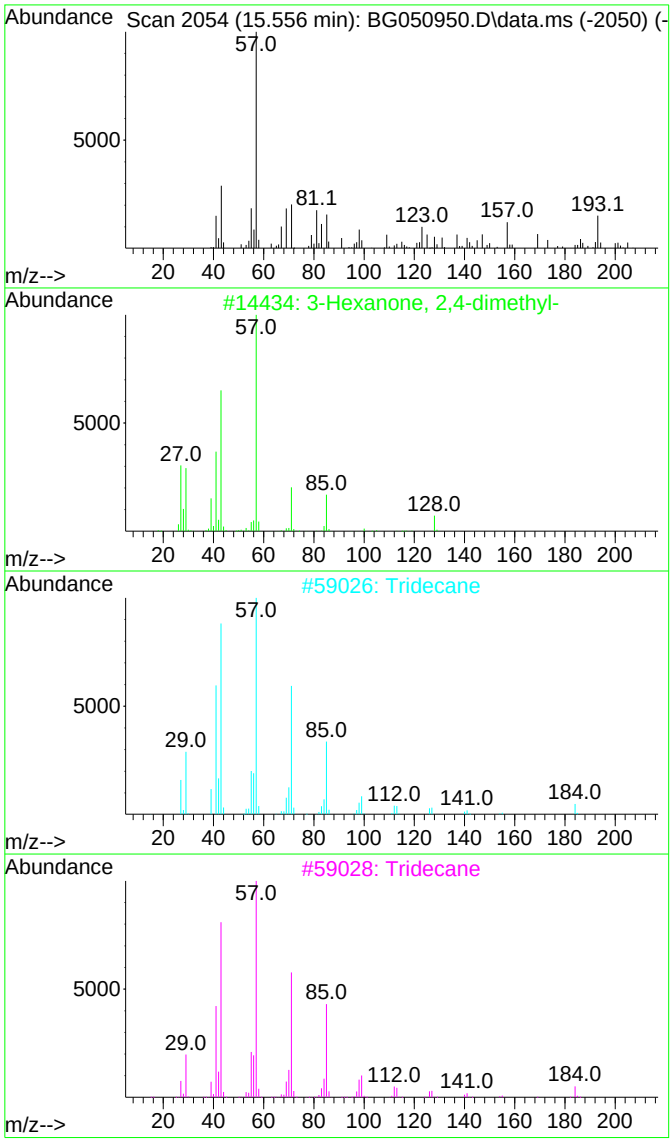
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

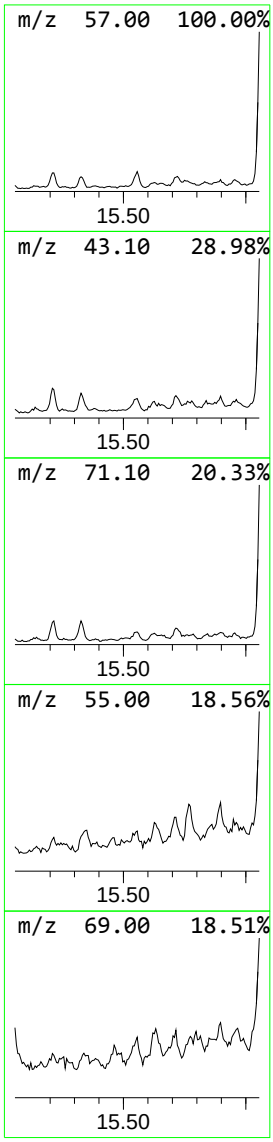
****

Peak Number 9 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.556	2.16 ng/ul	71730	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	43
2	Tridecane	184	C13H28	000629-50-5	30
3	Tridecane	184	C13H28	000629-50-5	30
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	27
5	2-Buten-1-ol, propanoate	128	C7H12O2	022874-75-5	27





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Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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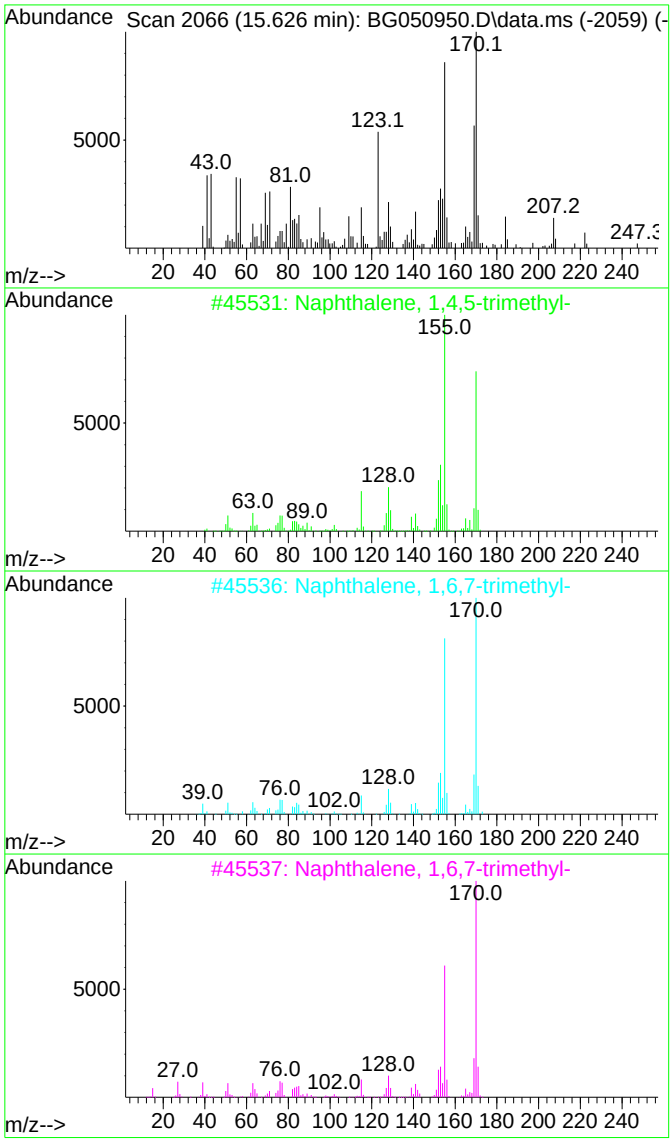
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

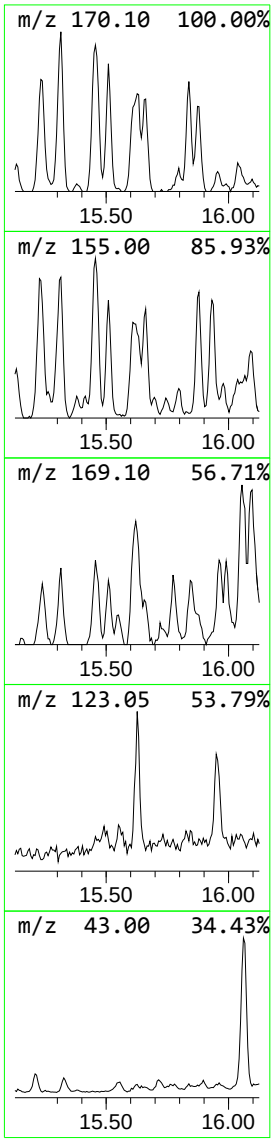
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,4,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.626	6.72 ng/ul	222867	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	70





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Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

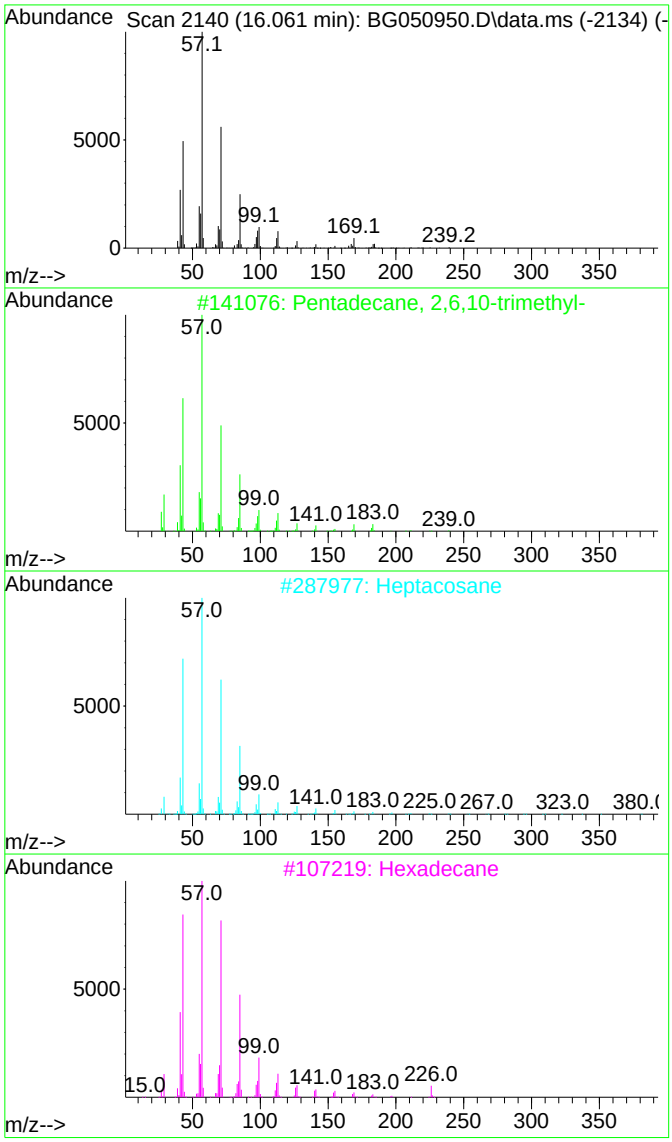
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

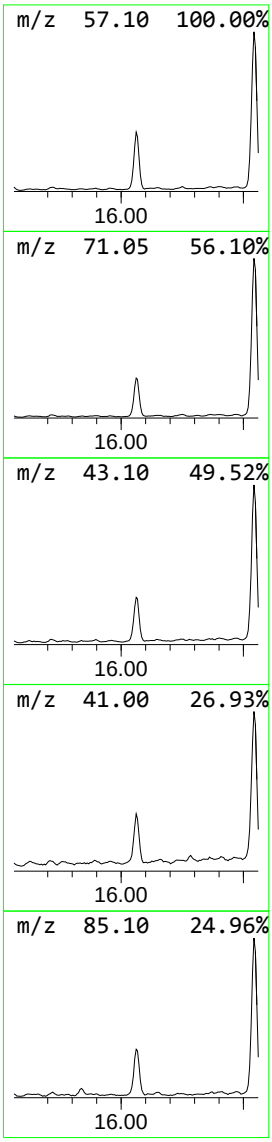
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.061	22.85 ng/ul	758106	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	78





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Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

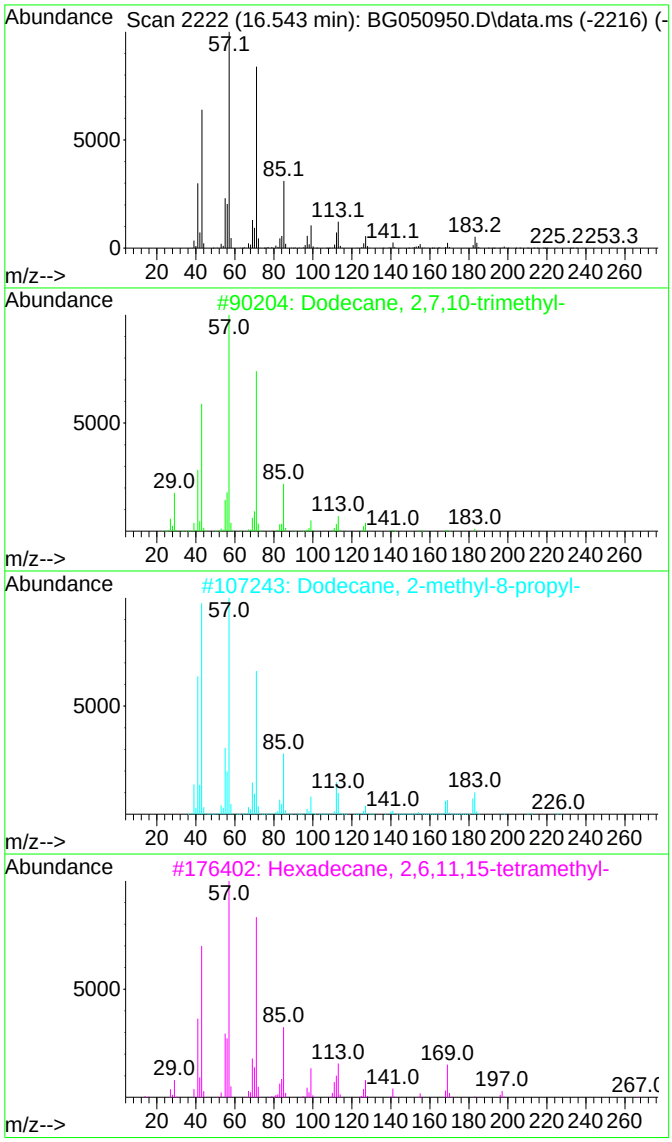
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

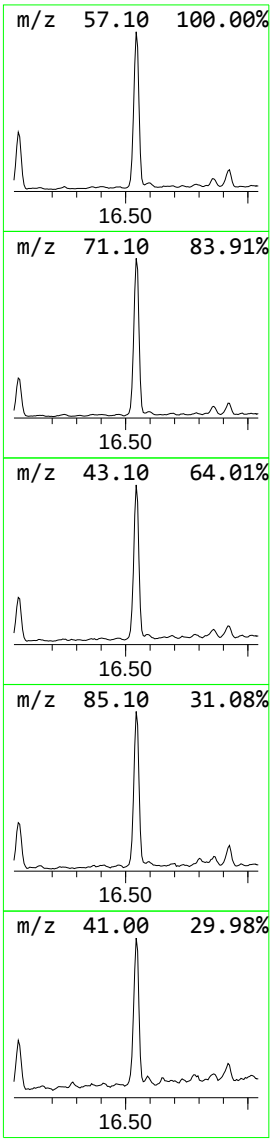
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.543	64.76 ng/ul	2288450	Phenanthrene-d10	17.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	90
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
4	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	86
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83





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Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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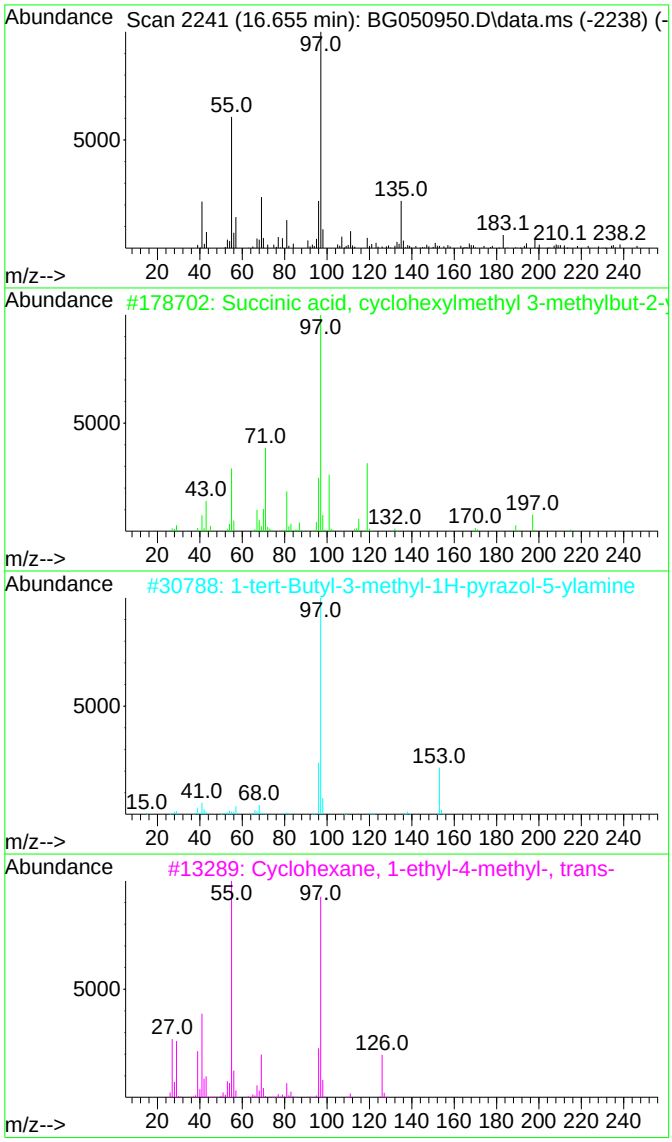
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

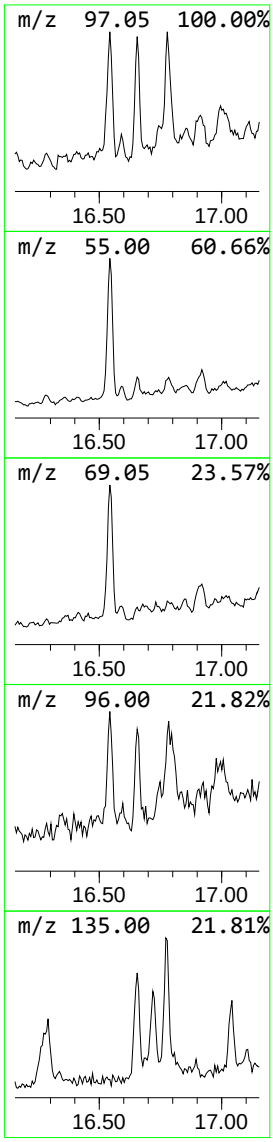
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Succinic acid, cyclohexylme... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.654	2.12 ng/ul	75021	Phenanthrene-d10	17.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, cyclohexylmethyl ...	284	C16H28O4	1000390-58-5	53
2	1-tert-Butyl-3-methyl-1H-pyrazol...	153	C8H15N3	141459-53-2	53
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	53
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	53
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53





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Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0HF1

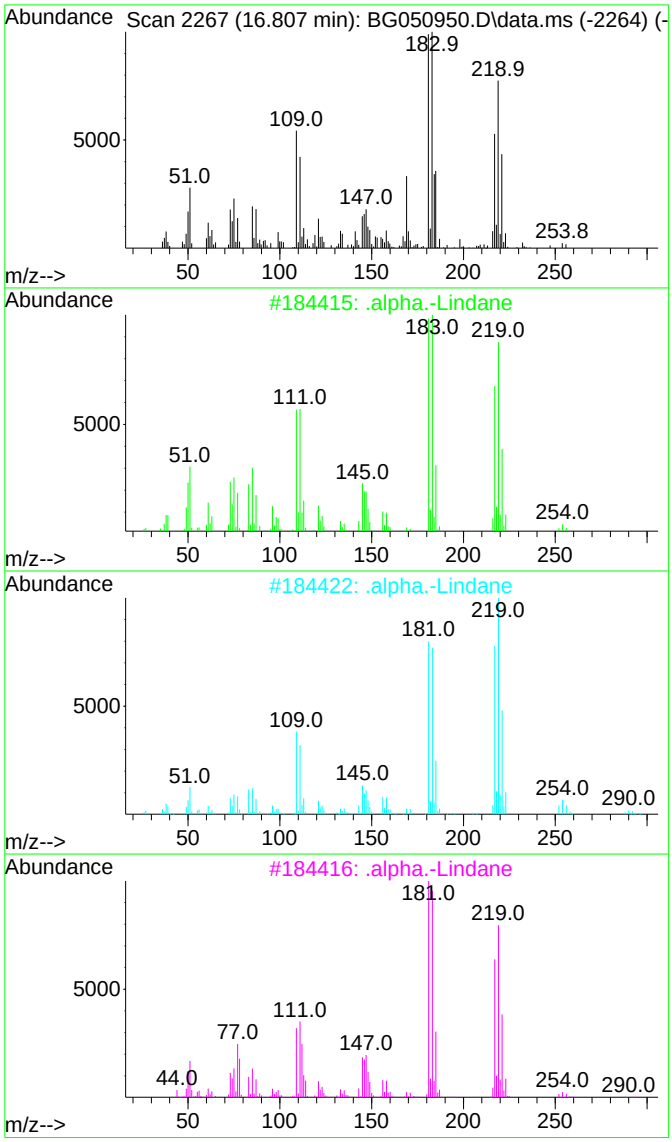
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

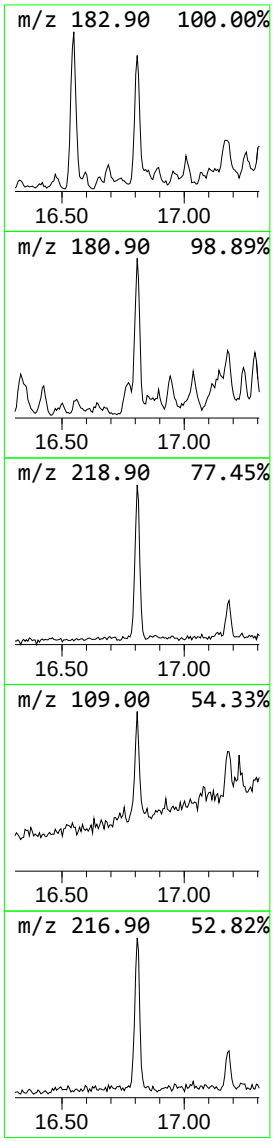
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 .alpha.-Lindane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.807	4.88 ng/ul	172455	Phenanthrene-d10	17.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	87
2	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	80
3	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	80
4	.beta.-Hexachlorocyclohexane	288	C6H6Cl6	000319-85-7	53
5	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	49





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Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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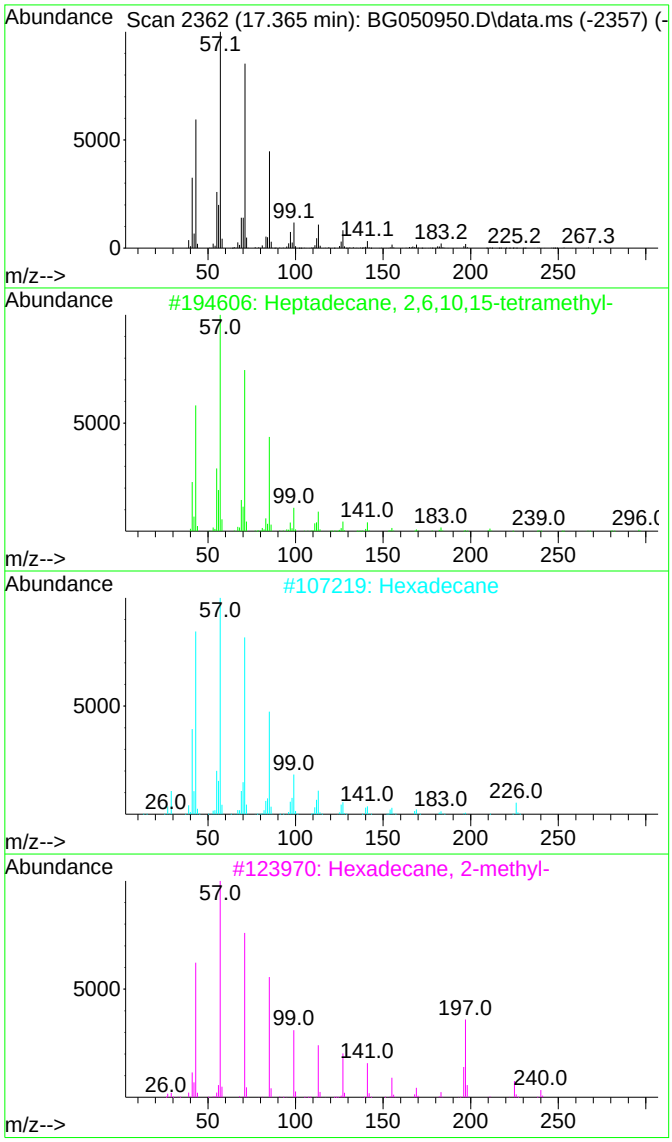
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

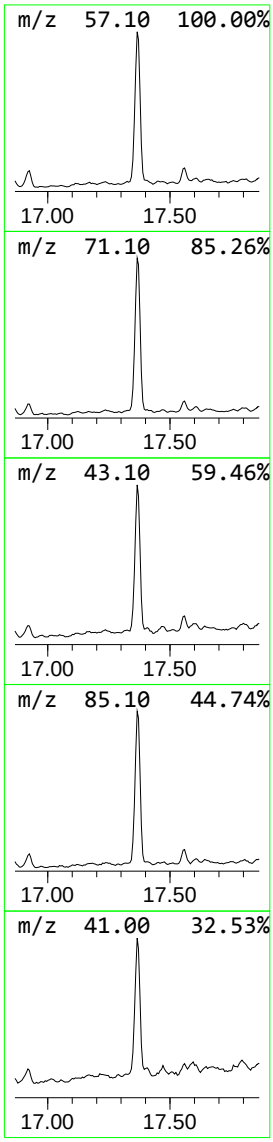
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.365	65.59 ng/ul	2317560	Phenanthrene-d10	17.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	81
4	Nonadecane	268	C19H40	000629-92-5	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





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ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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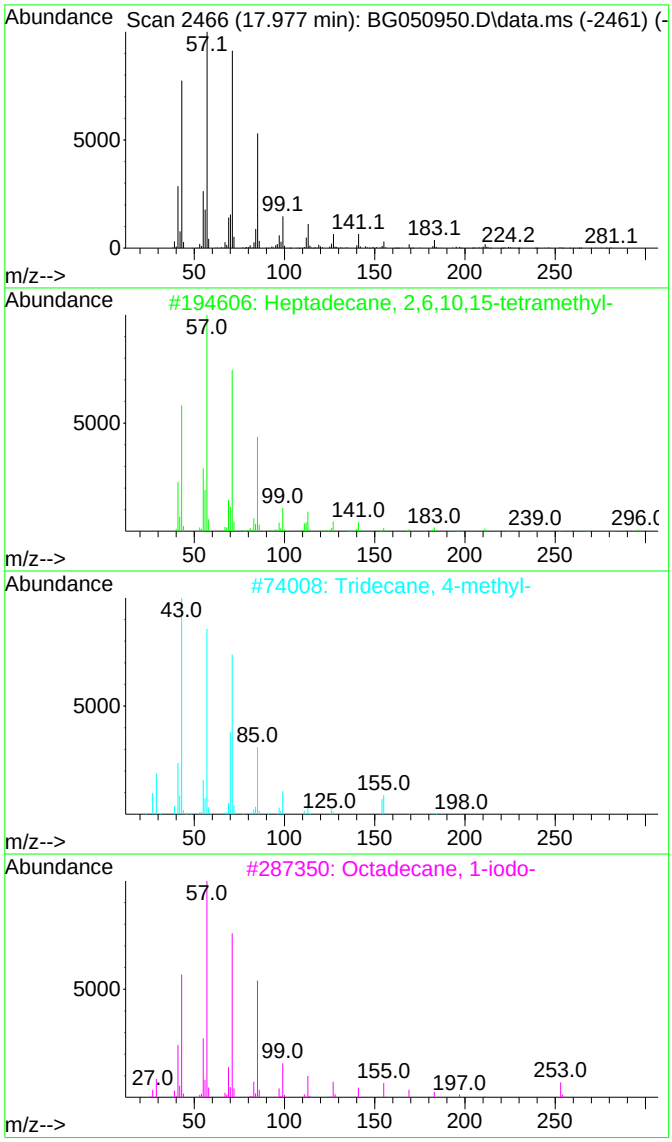
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

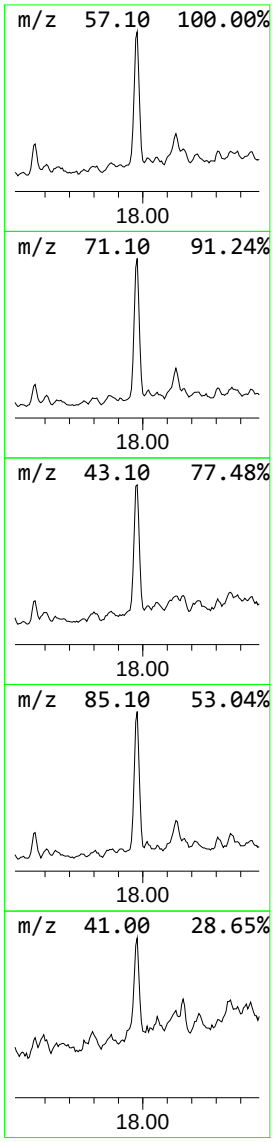
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.977	31.67 ng/ul	1119170	Phenanthrene-d10	17.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
4	Decane, 5-propyl-	184	C13H28	017312-62-8	87
5	Hexadecane	226	C16H34	000544-76-3	87





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Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

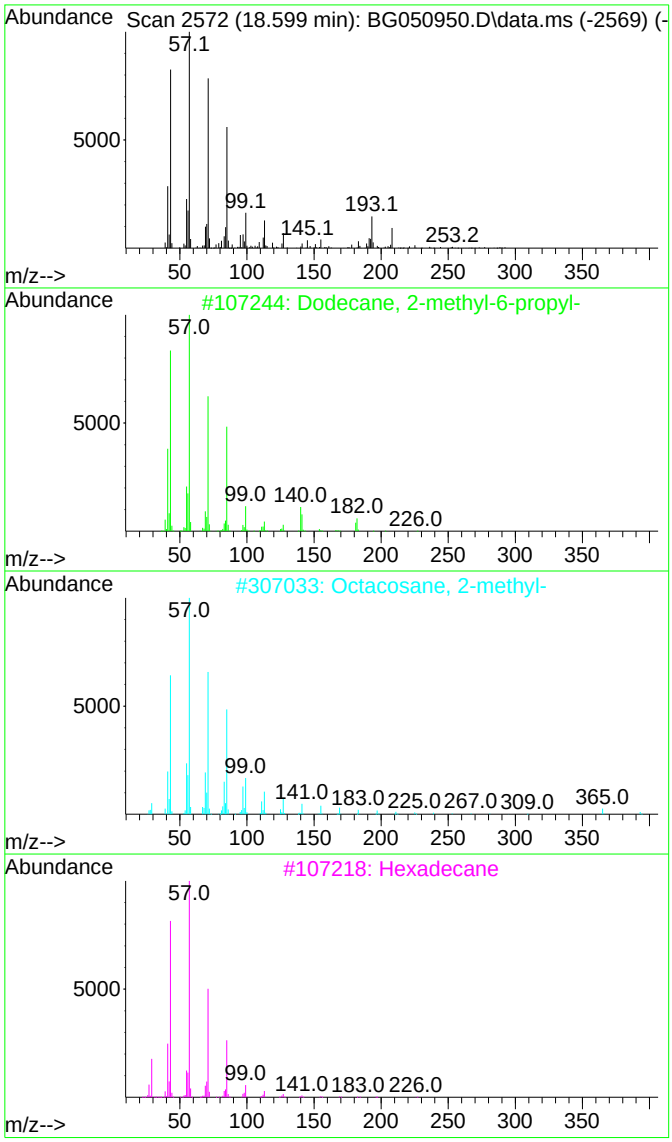
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

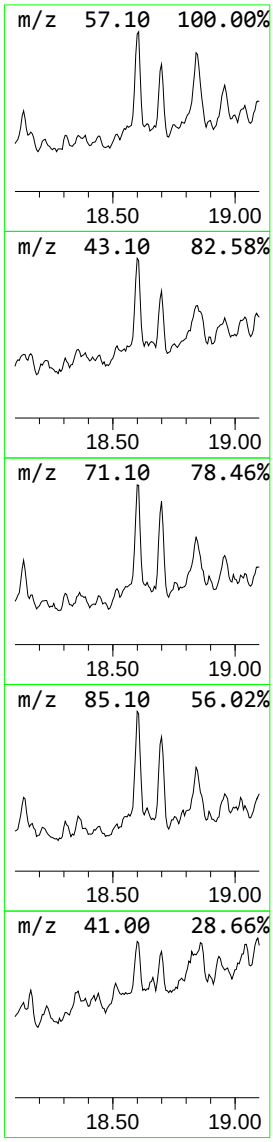
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.599	14.01 ng/ul	495074	Phenanthrene-d10	17.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Heptacosane	380	C27H56	000593-49-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050950.D
Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

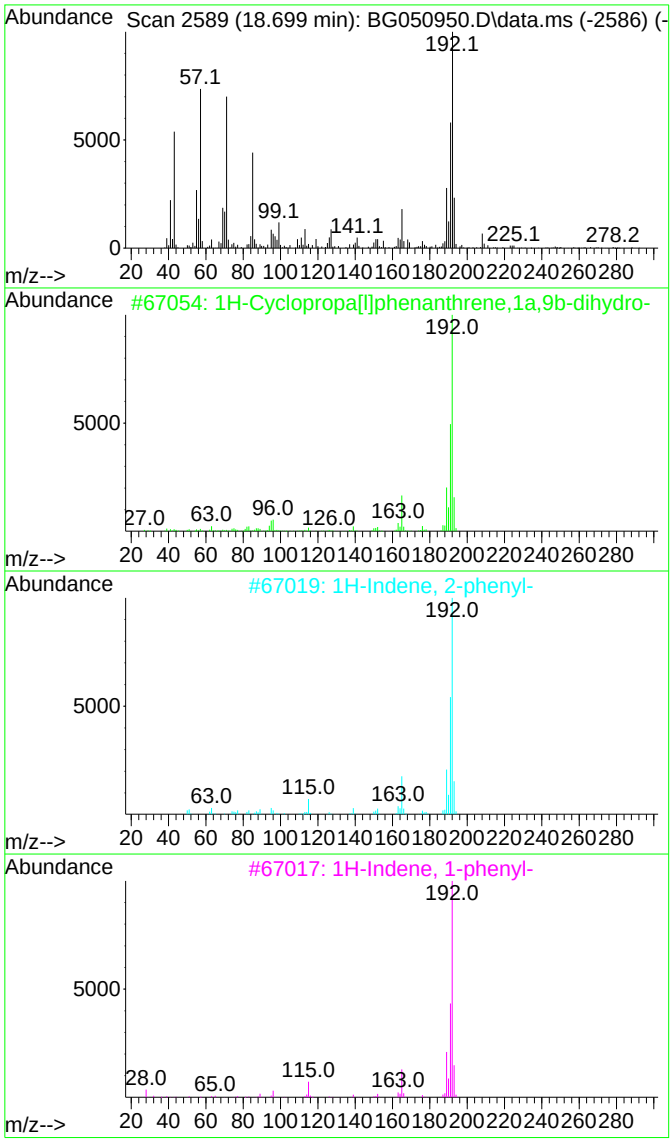
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

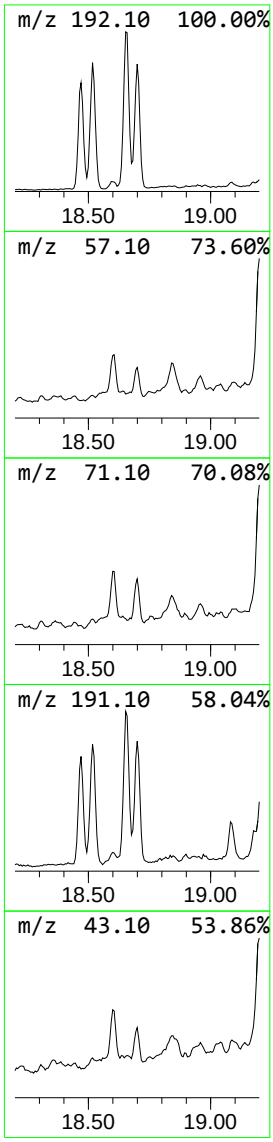
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.699	19.78 ng/ul	698911	Phenanthrene-d10	17.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70





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Data File : BG050950.D
Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

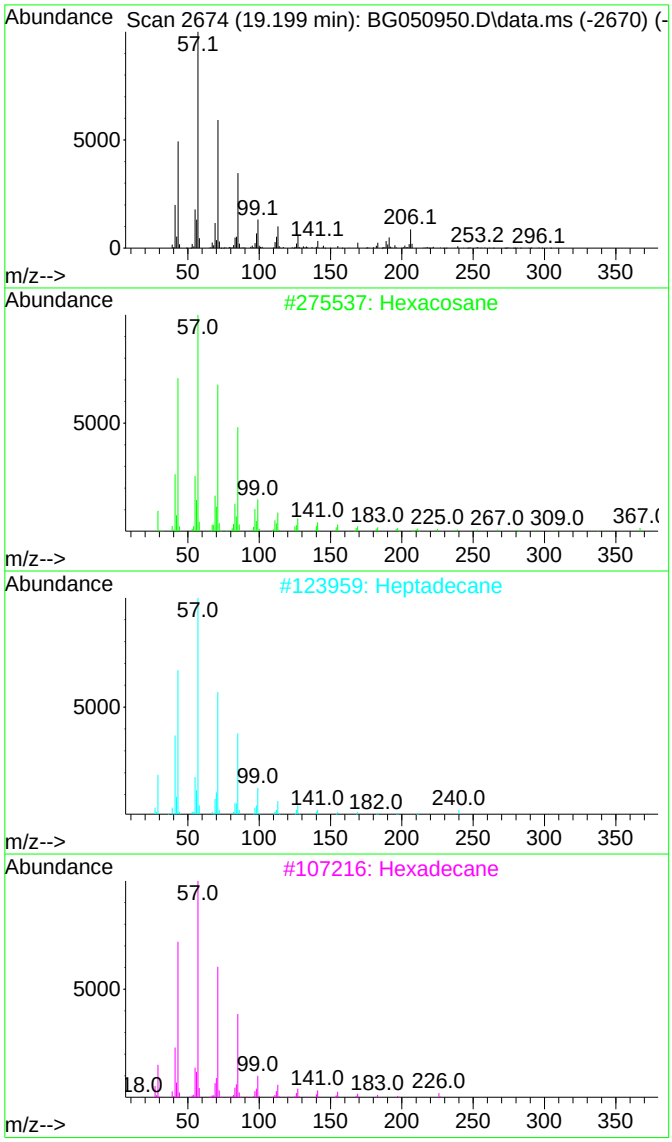
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

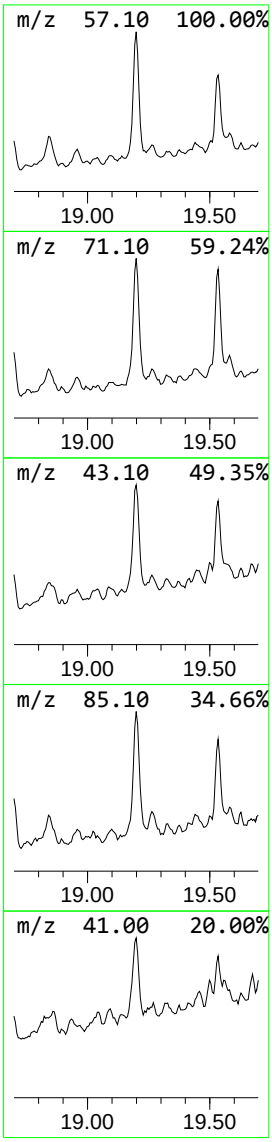
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.199	51.27 ng/ul	1811740	Phenanthrene-d10	17.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	86
2	Heptadecane	240	C17H36	000629-78-7	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Tetracosane	338	C24H50	000646-31-1	80





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Data File : BG050950.D
Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

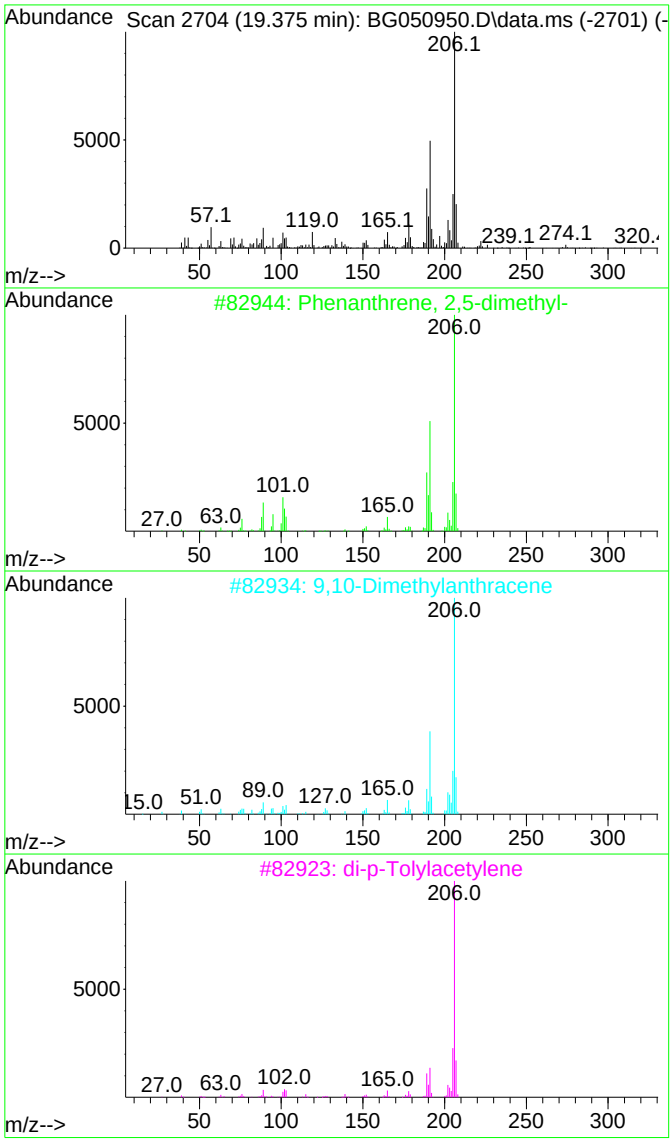
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

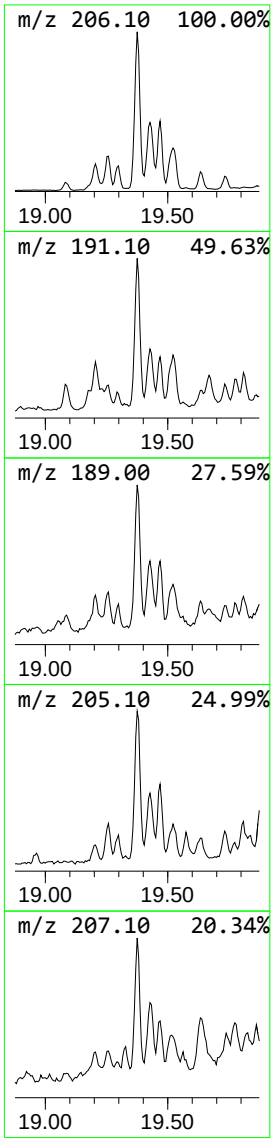
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.375	22.54 ng/ul	796337	Phenanthrene-d10	17.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91





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Data File : BG050950.D
Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

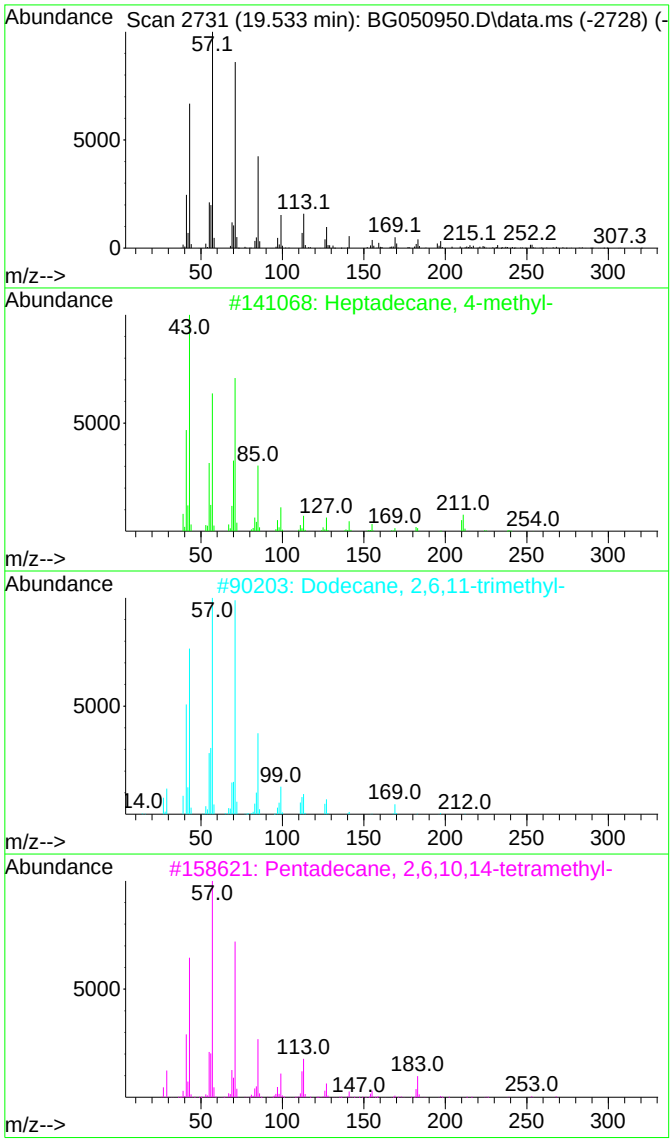
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

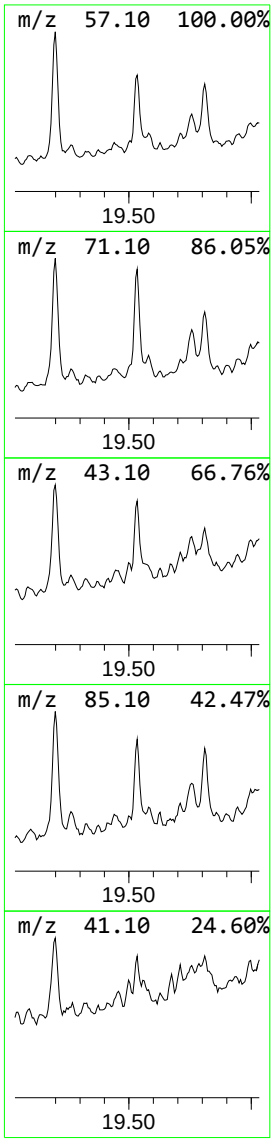
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.534	16.45 ng/ul	581155	Phenanthrene-d10	17.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	91
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
5	Decane, 2-methyl-	156	C11H24	006975-98-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050950.D
Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

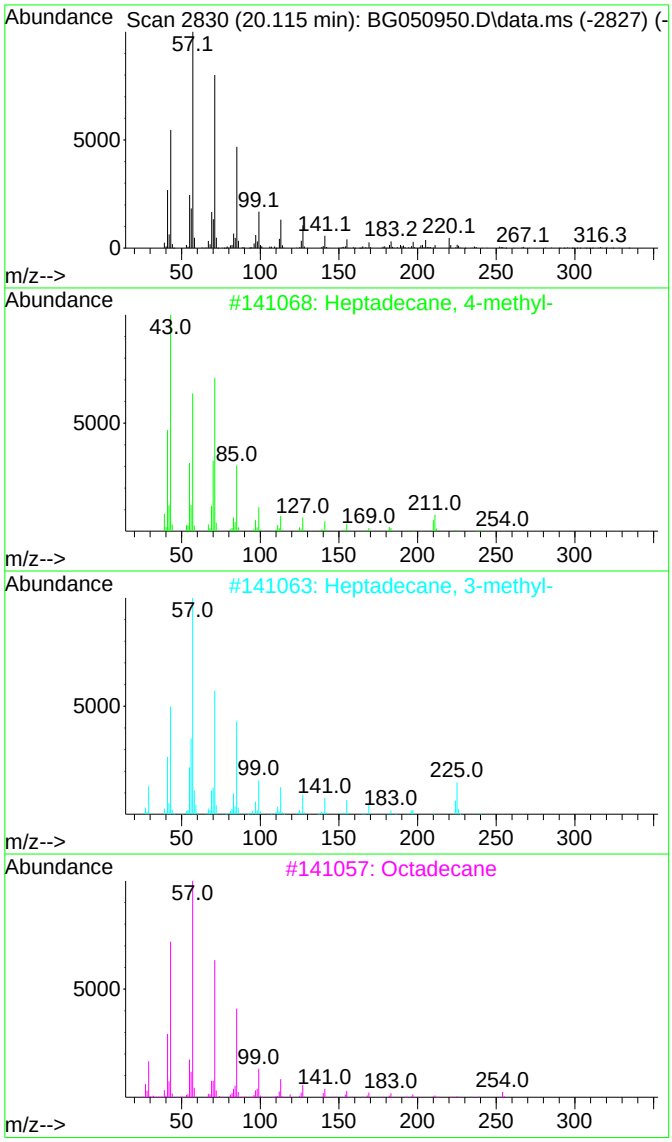
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

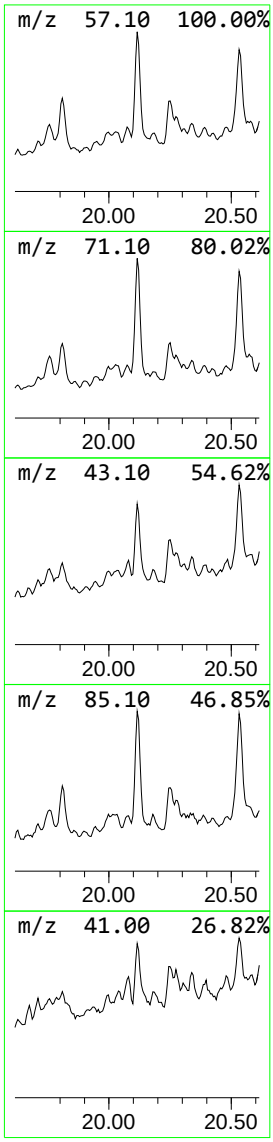
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.115	39.41 ng/ul	1627860	Chrysene-d12	21.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	93
2	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93
3	Octadecane	254	C18H38	000593-45-3	91
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050950.D
Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

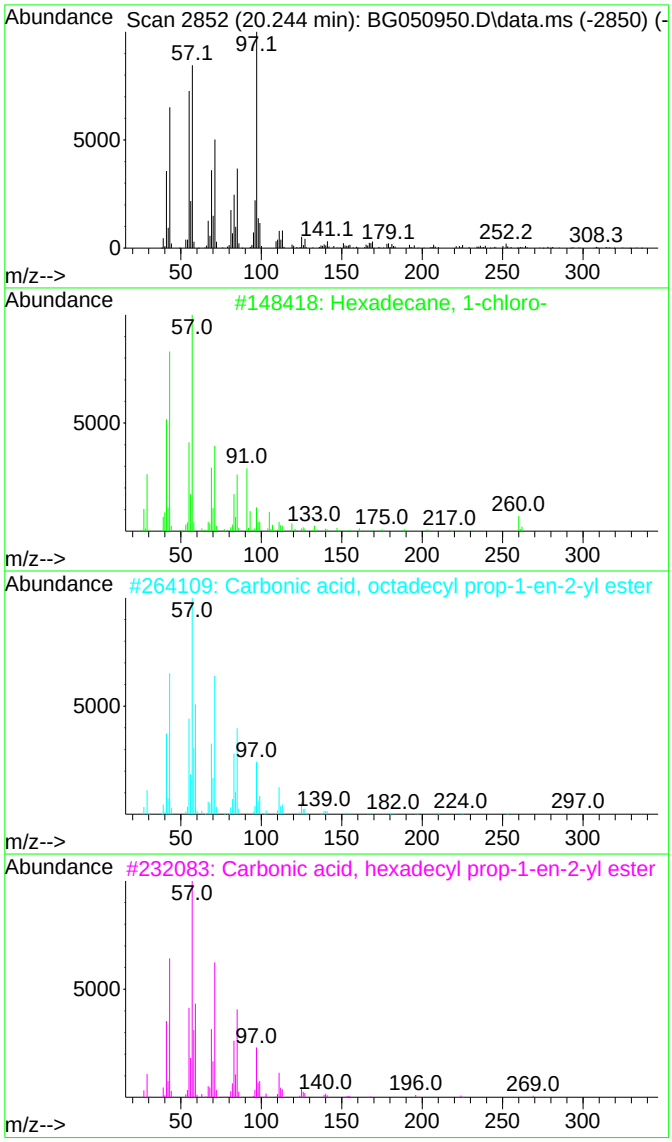
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

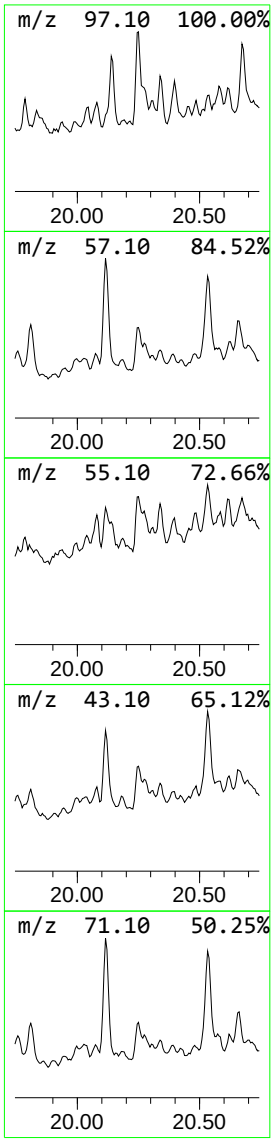
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Hexadecane, 1-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.244	20.00 ng/ul	826054	Chrysene-d12	21.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	55
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	46
3	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	46
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	46
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050950.D
Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.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
Benzene, 1,2-di...	8.588	3.0	ng/ul	48119	1	8.229	315582	20.0
(DEL) Alkane: S...	12.036	2.7	ng/ul	55781	2	11.049	413665	20.0
(DEL) Alkane: S...	13.364	2.9	ng/ul	97339	3	14.851	663463	20.0
(DEL) Alkane: S...	14.299	5.3	ng/ul	175015	3	14.851	663463	20.0
Decahydro-1,1,4...	14.669	2.1	ng/ul	69572	3	14.851	663463	20.0
4,6,8-Trimethyl...	15.139	2.8	ng/ul	91147	3	14.851	663463	20.0
Naphthalene, 1,...	15.315	3.7	ng/ul	122006	3	14.851	663463	20.0
Naphthalene, 2,...	15.456	4.2	ng/ul	137628	3	14.851	663463	20.0
unknown-01	15.556	2.2	ng/ul	71730	3	14.851	663463	20.0
Naphthalene, 1,...	15.626	6.7	ng/ul	222867	3	14.851	663463	20.0
(DEL) Alkane: S...	16.061	22.9	ng/ul	758106	3	14.851	663463	20.0
(DEL) Alkane: S...	16.543	64.8	ng/ul	2288450	4	17.595	706695	20.0
Succinic acid, ...	16.654	2.1	ng/ul	75021	4	17.595	706695	20.0
.alpha.-Lindane	16.807	4.9	ng/ul	172455	4	17.595	706695	20.0
(DEL) Alkane: S...	17.365	65.6	ng/ul	2317560	4	17.595	706695	20.0
(DEL) Alkane: S...	17.977	31.7	ng/ul	1119170	4	17.595	706695	20.0
(DEL) Alkane: S...	18.599	14.0	ng/ul	495074	4	17.595	706695	20.0
1H-Cyclopropa[l...	18.699	19.8	ng/ul	698911	4	17.595	706695	20.0
(DEL) Alkane: S...	19.199	51.3	ng/ul	1811740	4	17.595	706695	20.0
Phenanthrene, 2...	19.375	22.5	ng/ul	796337	4	17.595	706695	20.0
(DEL) Alkane: S...	19.534	16.4	ng/ul	581155	4	17.595	706695	20.0
(DEL) Alkane: S...	20.115	39.4	ng/ul	1627860	5	21.907	826054	20.0
Hexadecane, 1-c...	20.244	20.0	ng/ul	826054	5	21.907	826054	20.0