LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049516.D
Acq On : 27 Jul 2021 20:45
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0047

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-BG072421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049516.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.082	3	7	15	rBV	87334	155701	36.27%	2.483%
2	3.158	16	20	31	rVB	152546	235395	54.84%	3.754%
3	3.869	138	141	150	rBV2	11200	19398	4.52%	0.309%
4	4.092	176	179	182	rBV3	2166	2636	0.61%	0.042%
5	4.186	191	195	201	rBV3	10053	18517	4.31%	0.295%
6	4.539	251	255	259	rBV3	2345	3618	0.84%	0.058%
7	4.662	274	276	282	rBV3	1464	2816	0.66%	0.045%
8	4.950	320	325	328	rBV3	1697	2984	0.70%	0.048%
9	5.531	421	424	431	rVB4	3494	5014	1.17%	0.080%
10	5.602	433	436	439	rVB	1365	1925	0.45%	0.031%
11	5.666	441	447	457	rVB	19072	38504	8.97%	0.614%
12	5.984	498	501	504	rBV2	1364	2040	0.48%	0.033%
13	6.042	506	511	518	rBV4	12330	18024	4.20%	0.287%
14	6.583	601	603	607	rVB3	2726	2190	0.51%	0.035%
15	7.082	685	688	692	rBV2	1928	2164	0.50%	0.035%
16	7.123	692	695	700	rBV2	5052	7688	1.79%	0.123%
17	7.200	702	708	716	rBV	63119	118387	27.58%	1.888%
18	7.370	730	737	742	rBV	37936	67513	15.73%	1.077%
19	7.576	765	772	782	rVB2	61440	104242	24.28%	1.662%
20	7.658	782	786	789	rBV3	10237	15919	3.71%	0.254%
21	7.934	827	833	841	rBV3	4125	9205	2.14%	0.147%
22	8.046	844	852	868	rVB2	88513	177936	41.45%	2.837%
23	8.163	868	872	876	rBV3	3384	4643	1.08%	0.074%
24	8.492	924	928	932	rBV2	2044	2310	0.54%	0.037%
25	8.598	943	946	949	rVB3	2900	3680	0.86%	0.059%
26	8.686	956	961	962	rBV	4900	4998	1.16%	0.080%
27	8.756	967	973	981	rVB2	72585	125295	29.19%	1.998%
28	8.874	990	993	997	rBV3	2806	3919	0.91%	0.062%
29	8.956	1001	1007	1012	rBV3	2408	4395	1.02%	0.070%
30	9.215	1045	1051	1057	rBV2	61095	108171	25.20%	1.725%
31	9.273	1059	1061	1066	rVB3	13963	18798	4.38%	0.300%
32	9.502	1095	1100	1103	rBV4	1726	3223	0.75%	0.051%
33	9.690	1127	1132	1138	rBV3	3198	6135	1.43%	0.098%
34	9.737	1138	1140	1143	rVV	1728	2221	0.52%	0.035%
35	9.784	1146	1148	1154	rVB	1776	1933	0.45%	0.031%
36	9.943	1169	1175	1182	rVV2	51812	105146	24.50%	1.677%

LSC Area Percent Report

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Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0047

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-BG072421.M
Title : SVOA CALIBRATION

37	10.201	1218	1219	1223	rVB2	2268	2045	0.48%	0.033%
38	10.278	1225	1232	1233	rBV	4332	6209	1.45%	0.099%
39	10.378	1245	1249	1252	rBV2	1521	2298	0.54%	0.037%
40	10.425	1255	1257	1260	rVV2	2012	2120	0.49%	0.034%
41	10.483	1261	1267	1277	rVV	76728	145308	33.85%	2.317%
42	10.566	1277	1281	1284	rVV3	2923	3076	0.72%	0.049%
43	10.630	1287	1292	1298	rBV3	12874	21847	5.09%	0.348%
44	10.671	1298	1299	1303	rVB3	2900	2002	0.47%	0.032%
45	10.730	1303	1309	1315	rBV3	17068	30575	7.12%	0.488%
46	10.871	1321	1333	1338	rBV	127891	266941	62.19%	4.257%
47	10.918	1338	1341	1348	rVB	21786	37919	8.83%	0.605%
48	11.000	1348	1355	1364	rBV	66957	129359	30.14%	2.063%
49	11.247	1393	1397	1398	rBV2	2542	2893	0.67%	0.046%
50	11.570	1447	1452	1458	rVB4	3688	6693	1.56%	0.107%
51	11.623	1458	1461	1464	rVB2	2180	2268	0.53%	0.036%
52	11.776	1484	1487	1491	rVB2	3278	4089	0.95%	0.065%
53	11.840	1494	1498	1500	rBV2	1758	1853	0.43%	0.030%
54	11.887	1500	1506	1510	rVB3	9178	14929	3.48%	0.238%
55	12.275	1567	1572	1579	rVB4	21960	35236	8.21%	0.562%
56	12.404	1591	1594	1595	rBV4	2970	2405	0.56%	0.038%
57	12.522	1609	1614	1623	rVB	50339	82748	19.28%	1.320%
58	12.745	1645	1652	1657	rBV2	23523	37355	8.70%	0.596%
59	12.821	1661	1665	1667	rBV2	2142	2478	0.58%	0.040%
60	12.945	1683	1686	1687	rBV2	2703	1897	0.44%	0.030%
61	12.974	1687	1691	1695	rBV2	2460	5378	1.25%	0.086%
62	13.045	1702	1703	1707	rBV2	2600	2767	0.64%	0.044%
63	13.086	1707	1710	1715	rVB2	4680	5686	1.32%	0.091%
64	13.150	1718	1721	1723	rBV	2010	2235	0.52%	0.036%
65	13.221	1731	1733	1740	rVB4	6249	9173	2.14%	0.146%
66	13.297	1742	1746	1749	rVB2	2948	3406	0.79%	0.054%
67	13.509	1775	1782	1792	rBV2	33377	66222	15.43%	1.056%
68	13.620	1799	1801	1804	rVB	2531	2074	0.48%	0.033%
69	13.720	1817	1818	1829	rVB3	5064	10316	2.40%	0.165%
70	13.855	1836	1841	1842	rBV2	21428	25948	6.05%	0.414%
71	14.020	1863	1869	1874	rBV3	30802	54170	12.62%	0.864%
72	14.096	1874	1882	1888	rVV	158117	266724	62.14%	4.253%
73	14.167	1891	1894	1897	rVB4	8016	11022	2.57%	0.176%
74	14.255	1904	1909	1912	rBV3	13414	17552	4.09%	0.280%
75	14.390	1926	1932	1942	rVB	168739	271507	63.25%	4.330%
76	14.525	1954	1955	1959	rVB2	3431	2792	0.65%	0.045%

LSC Area Percent Report

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Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0047

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Title : SVOA CALIBRATION

77	14.584	1960	1965	1971	rVB	34906	46899	10.93%	0.748%
78	14.695	1973	1984	1991	rBV	218034	381237	88.82%	6.079%
79	14.778	1994	1998	2003	rVB4	11043	13872	3.23%	0.221%
80	14.895	2010	2018	2028	rBV4	62034	129772	30.23%	2.069%
81	15.089	2047	2051	2057	rVB5	27128	42987	10.01%	0.685%
82	15.171	2061	2065	2073	rVB6	16499	27186	6.33%	0.434%
83	15.312	2085	2089	2093	rVB3	13479	18634	4.34%	0.297%
84	15.365	2094	2098	2104	rVB3	17862	26158	6.09%	0.417%
85	15.488	2112	2119	2122	rBV6	15679	29179	6.80%	0.465%
86	15.530	2122	2126	2130	rVB	44350	61022	14.22%	0.973%
87	15.688	2146	2153	2159	rBV	207790	322143	75.05%	5.137%
88	15.806	2169	2173	2179	rVB3	57434	89964	20.96%	1.435%
89	16.041	2209	2213	2218	rVB	18472	29474	6.87%	0.470%
90	16.393	2269	2273	2281	rBV3	43475	86595	20.17%	1.381%
91	16.904	2356	2360	2362	rVB3	9777	11540	2.69%	0.184%
92	17.104	2390	2394	2400	rVB6	22819	39982	9.31%	0.638%
93	17.450	2447	2453	2457	rBV	257617	398801	92.91%	6.359%
94	17.544	2464	2469	2478	rVB2	224923	345920	80.59%	5.516%
95	17.932	2532	2535	2539	rVB2	51632	61600	14.35%	0.982%
96	18.326	2598	2602	2606	rBV	55354	87396	20.36%	1.394%
97	18.619	2649	2652	2658	rBV3	43747	60339	14.06%	0.962%
98	19.242	2753	2758	2762	rBV3	62027	110446	25.73%	1.761%
99	19.830	2853	2858	2864	rBV	261322	412427	96.08%	6.577%
100	21.727	3176	3181	3192	rVB	235002	429245	100.00%	6.845%

Sum of corrected areas: 6271016

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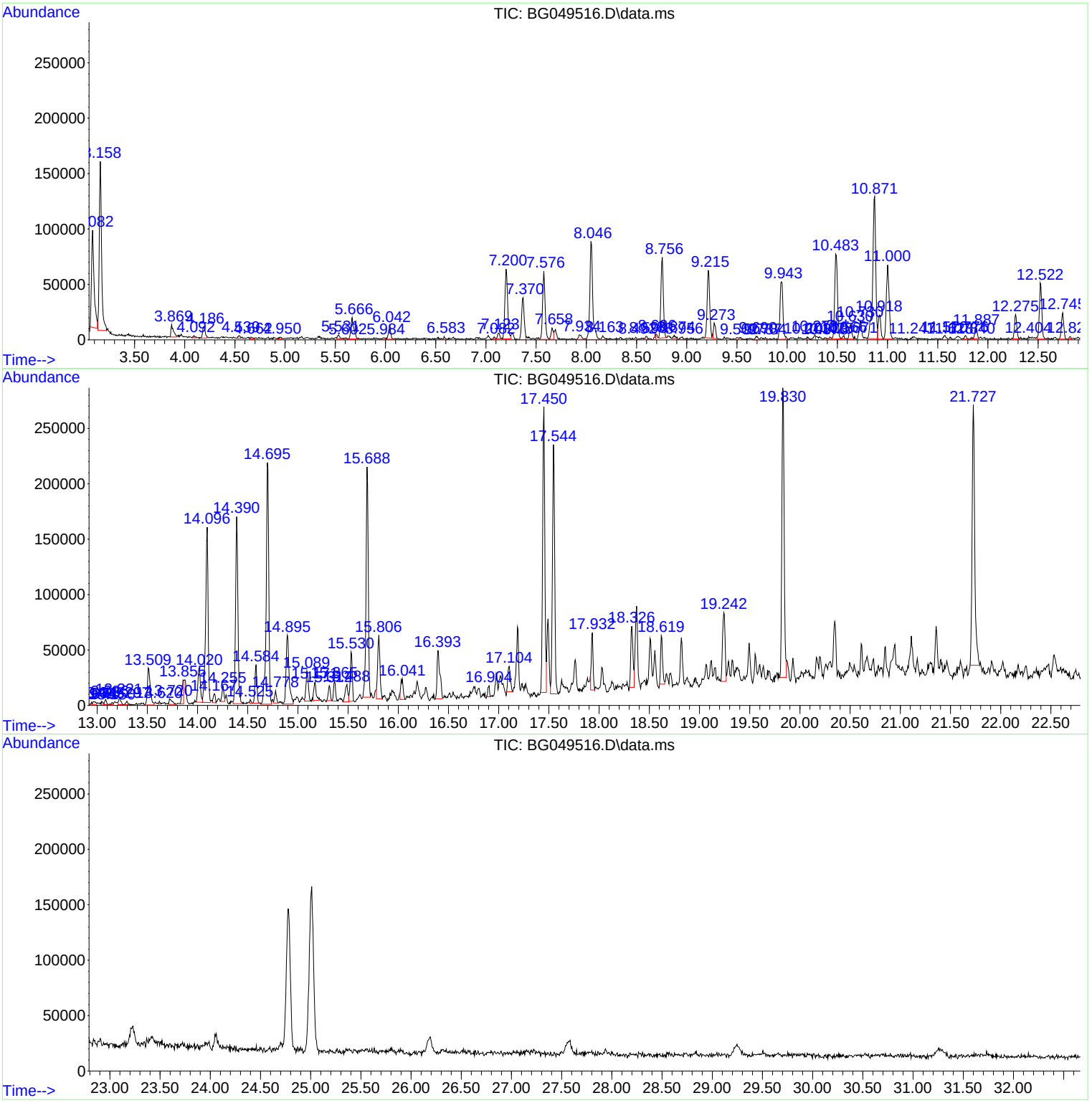
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049516.D
Acq On : 27 Jul 2021 20:45
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0047

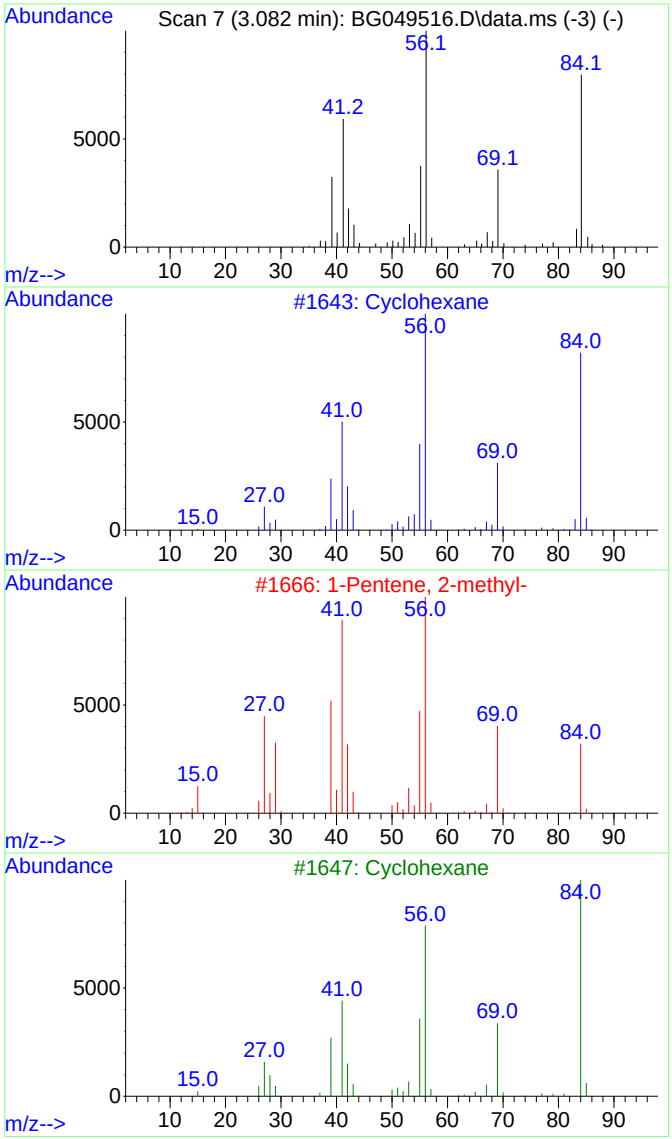
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

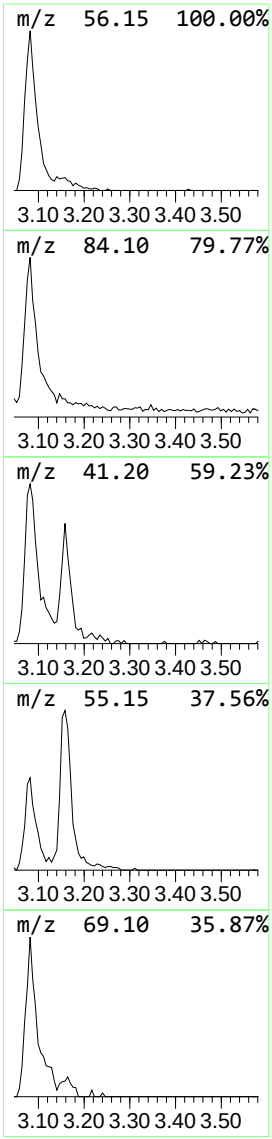
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.082 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.082	17.50 ng/ul	155701	1,4-Dichlorobenzene-d4	8.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
3	Cyclohexane	84	C6H12	000110-82-7	86
4	Cyclohexane	84	C6H12	000110-82-7	80
5	Cyclohexane	84	C6H12	000110-82-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049516.D
Acq On : 27 Jul 2021 20:45
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0047

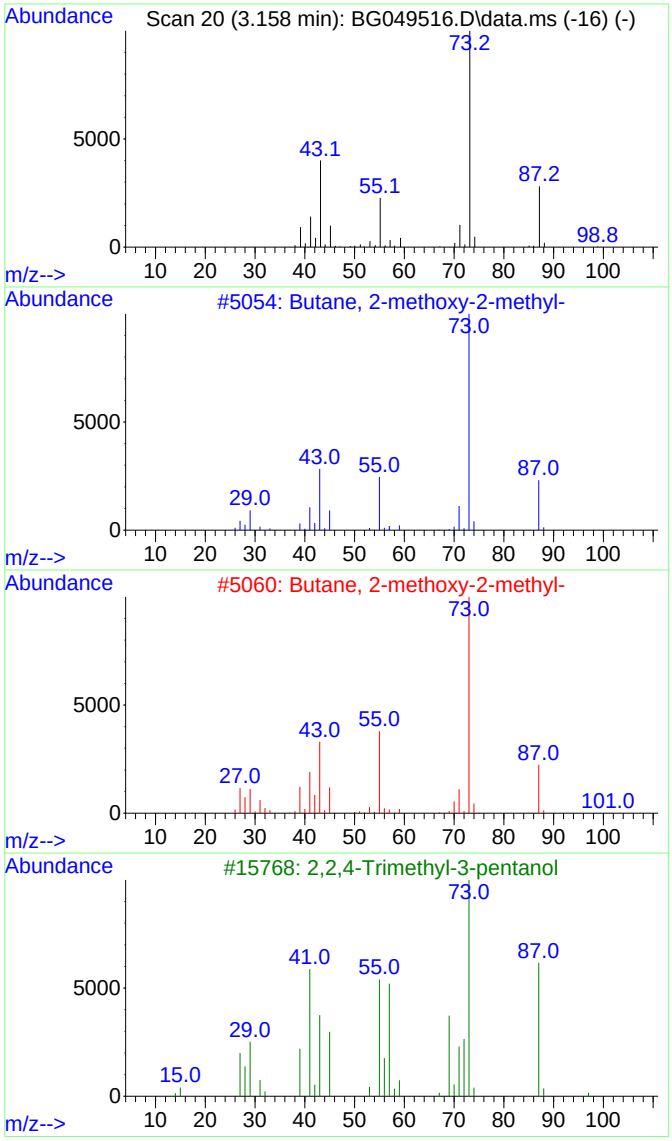
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

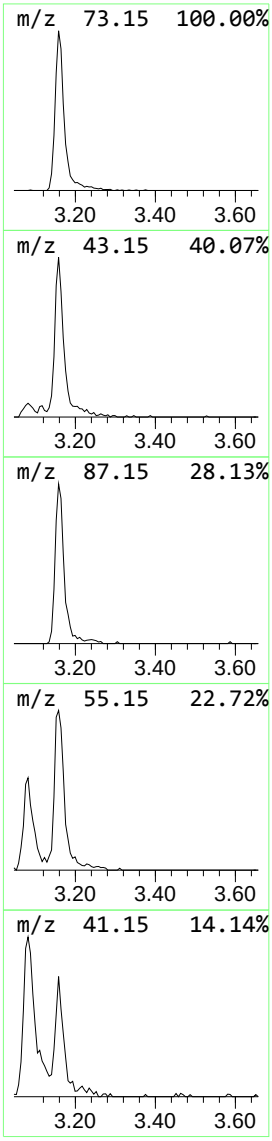
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.158	26.46 ng/ul	235395	1,4-Dichlorobenzene-d4	8.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	45
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049516.D
Acq On : 27 Jul 2021 20:45
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Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

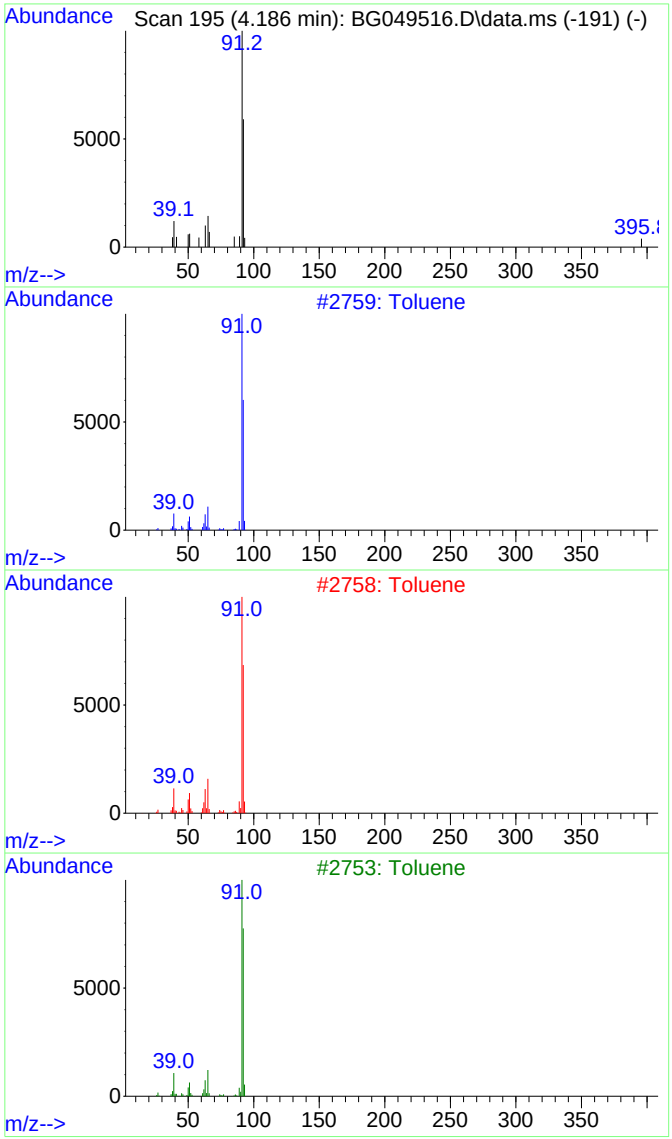
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

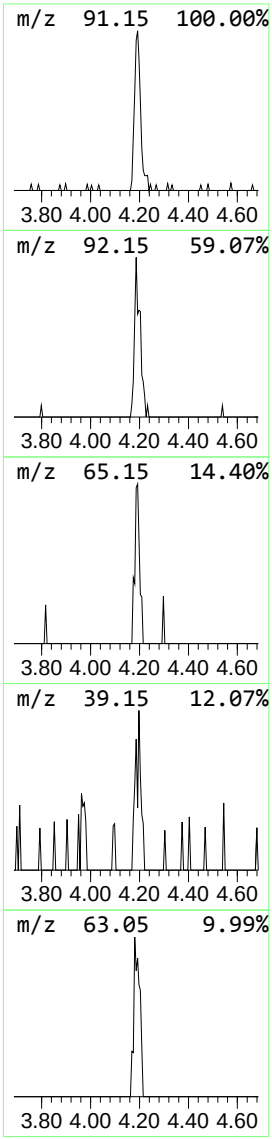
****

Peak Number 3 Toluene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.186	2.08 ng/ul	18517	1,4-Dichlorobenzene-d4	8.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	80
2	Toluene	92	C7H8	000108-88-3	72
3	Toluene	92	C7H8	000108-88-3	72
4	Toluene	92	C7H8	000108-88-3	72
5	Toluene	92	C7H8	000108-88-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049516.D
Acq On : 27 Jul 2021 20:45
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

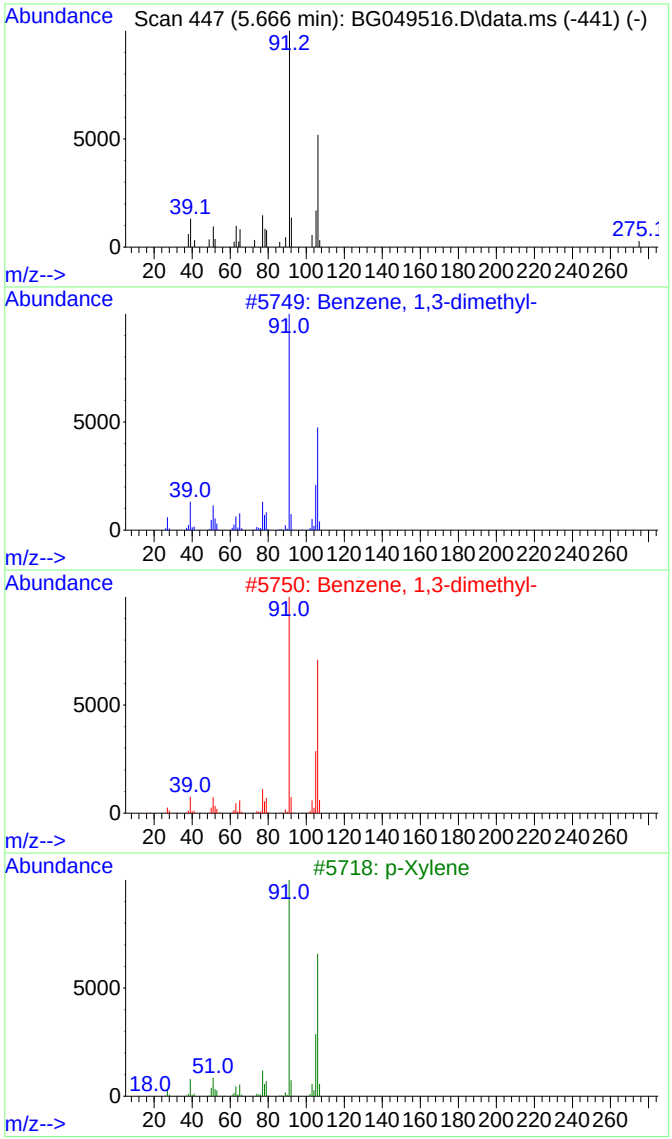
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

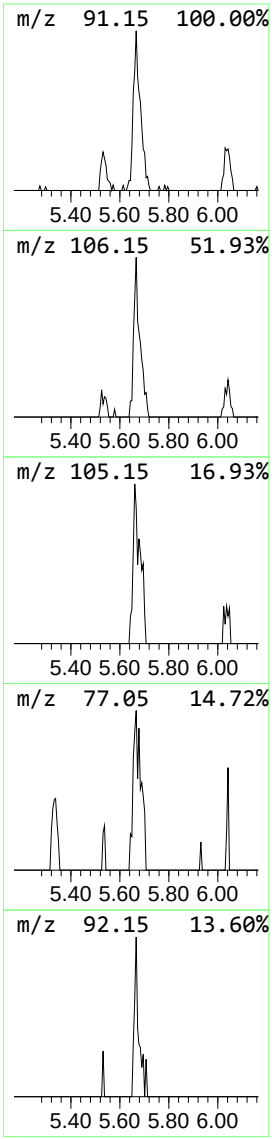
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.666	4.33 ng/ul	38504	1,4-Dichlorobenzene-d4	8.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	87
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	87
3	p-Xylene	106	C8H10	000106-42-3	87
4	o-Xylene	106	C8H10	000095-47-6	83
5	p-Xylene	106	C8H10	000106-42-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049516.D
Acq On : 27 Jul 2021 20:45
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

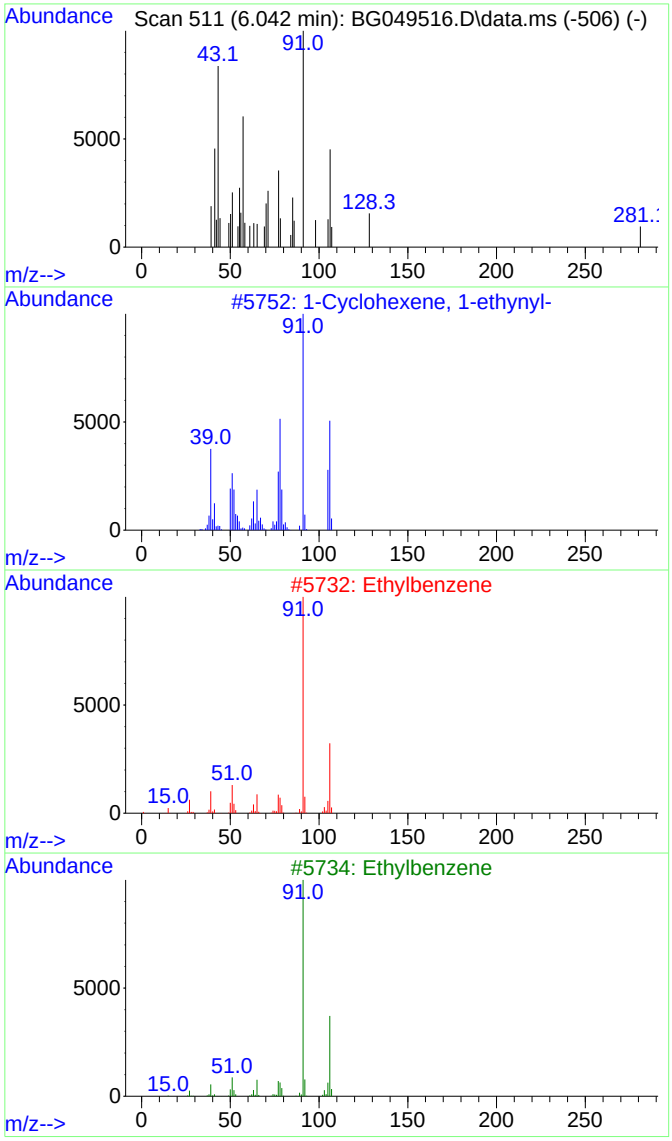
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

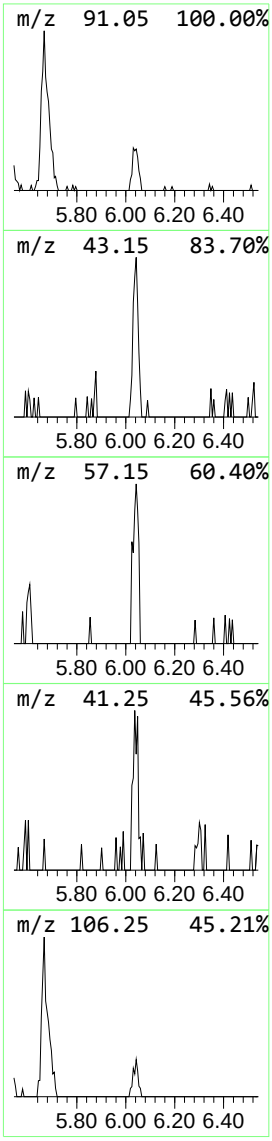
****

Peak Number 5 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.042	2.03 ng/ul	18024	1,4-Dichlorobenzene-d4	8.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene, 1-ethynyl-	106	C8H10	1000327-56-5	43
2	Ethylbenzene	106	C8H10	000100-41-4	30
3	Ethylbenzene	106	C8H10	000100-41-4	27
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	25
5	2-Furanacetonitrile, .alpha.-[(p...	212	C13H12N2O	1000362-47-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049516.D
Acq On : 27 Jul 2021 20:45
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0047

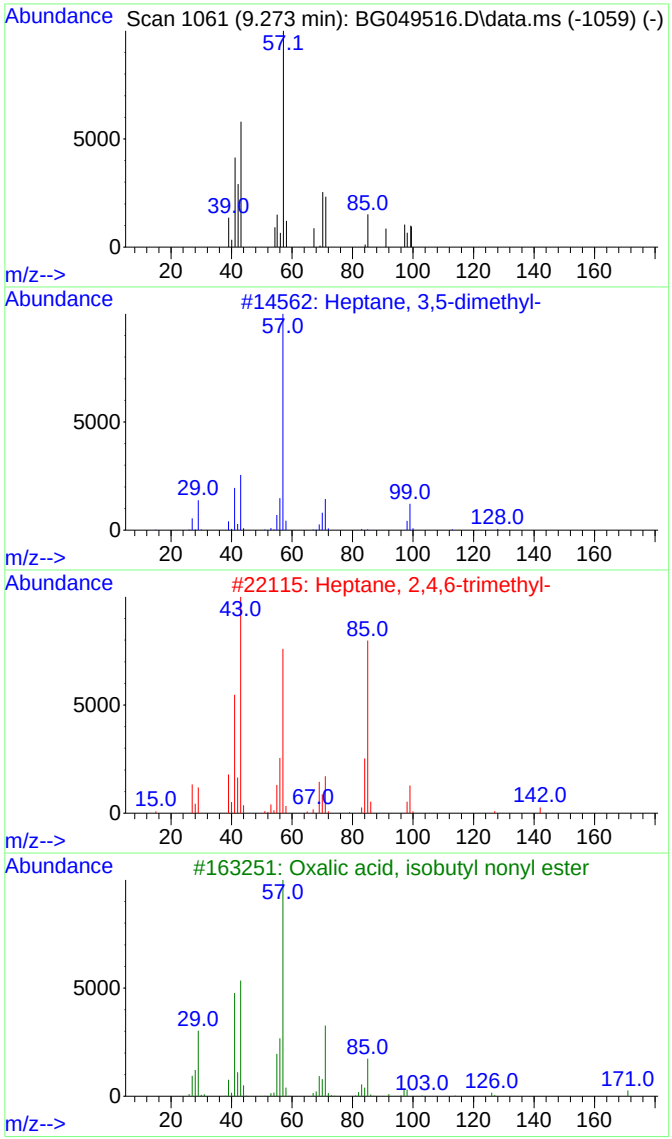
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

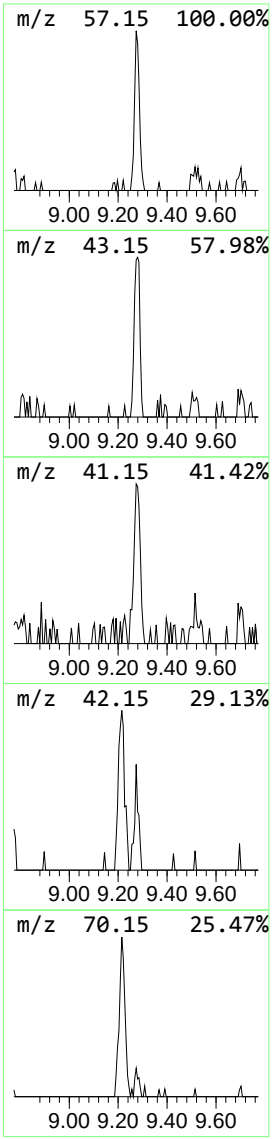
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.273	2.11 ng/ul	18798	1,4-Dichlorobenzene-d4	8.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	35
2	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	33
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	25
4	Bicyclo[3.1.0]hexan-2-ol	98	C6H10O	1000194-18-6	22
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	17





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Acq On : 27 Jul 2021 20:45
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0047

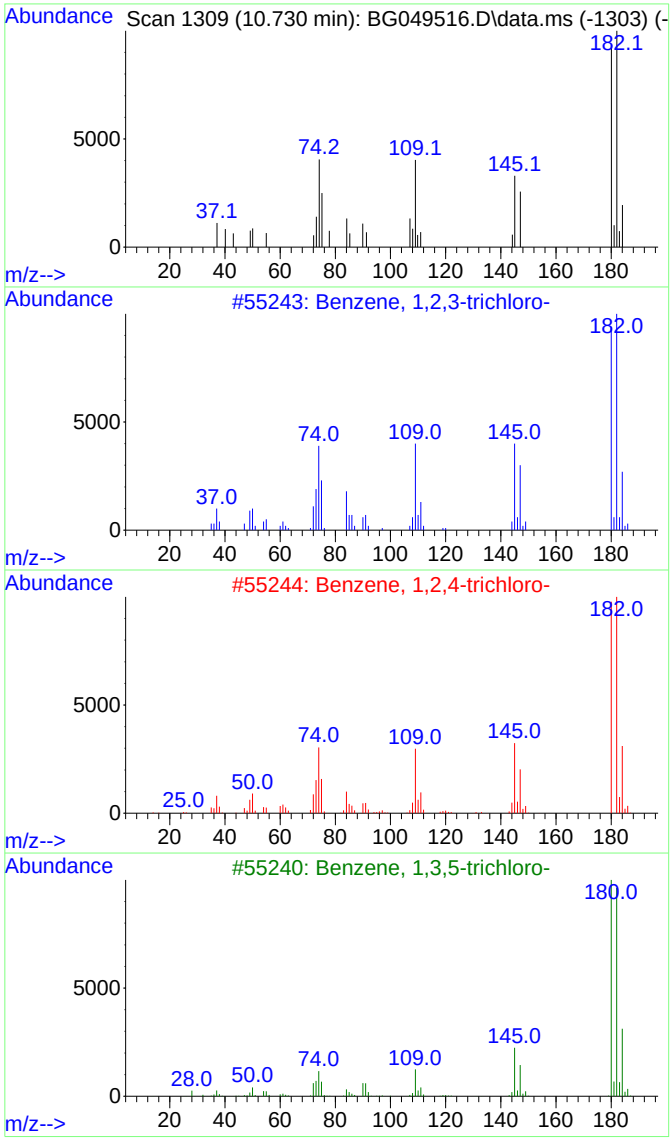
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

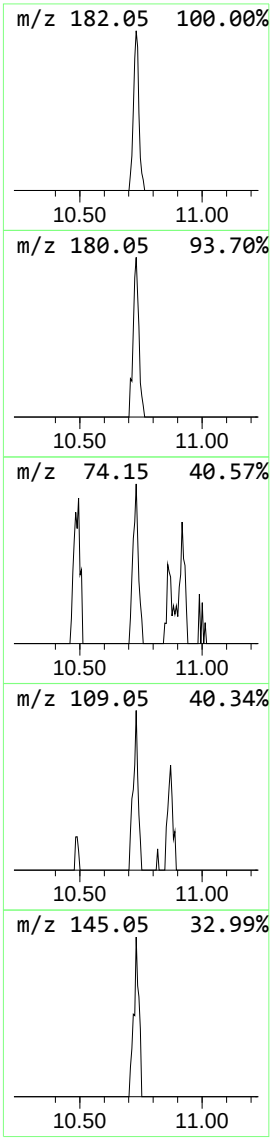
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3-trichloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.730	2.29 ng/ul	30575	Naphthalene-d8	10.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	83
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	64
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	59
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	58
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	53





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Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0047

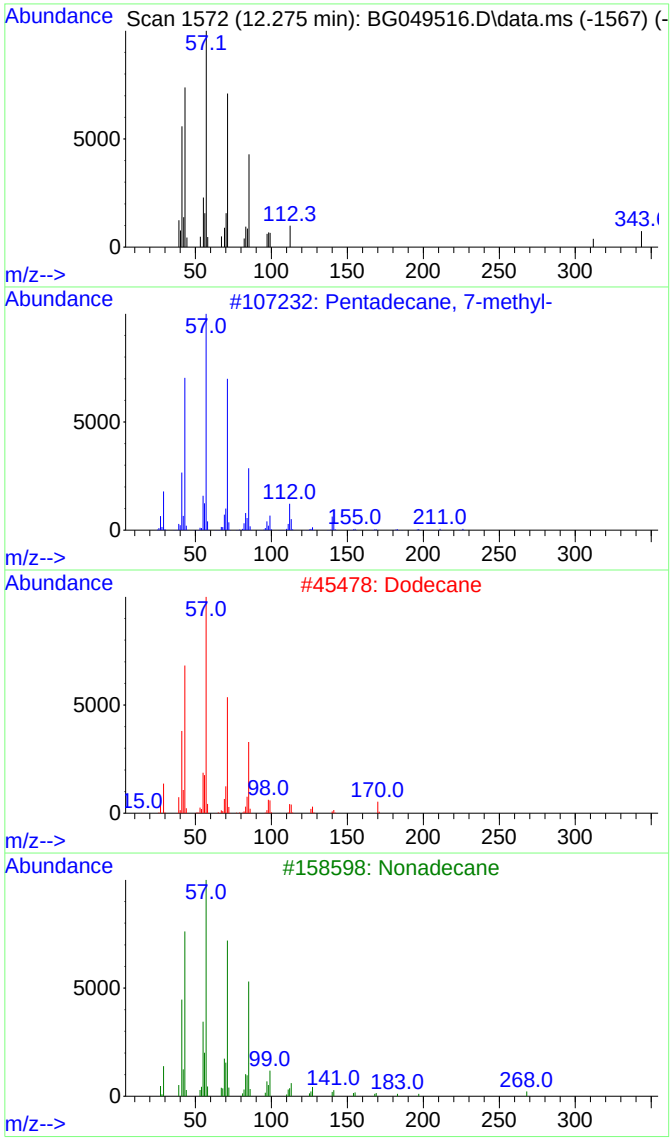
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

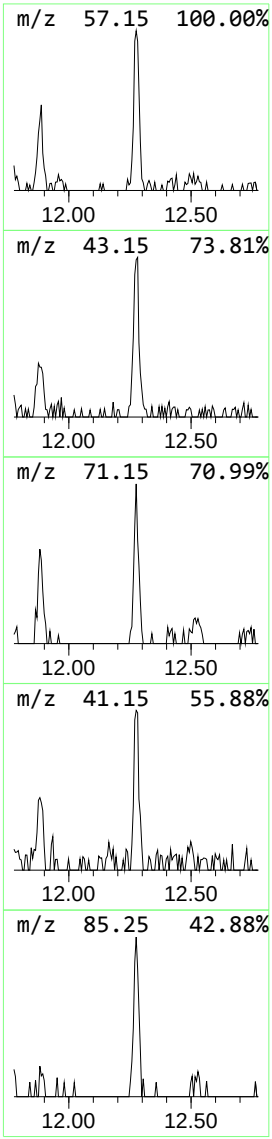
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.275	2.64 ng/ul	35236	Naphthalene-d8	10.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	78
2	Dodecane	170	C12H26	000112-40-3	72
3	Nonadecane	268	C19H40	000629-92-5	64
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5	Eicosane	282	C20H42	000112-95-8	64





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Misc :
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Instrument : BNA_G
ClientSampleId : C0047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

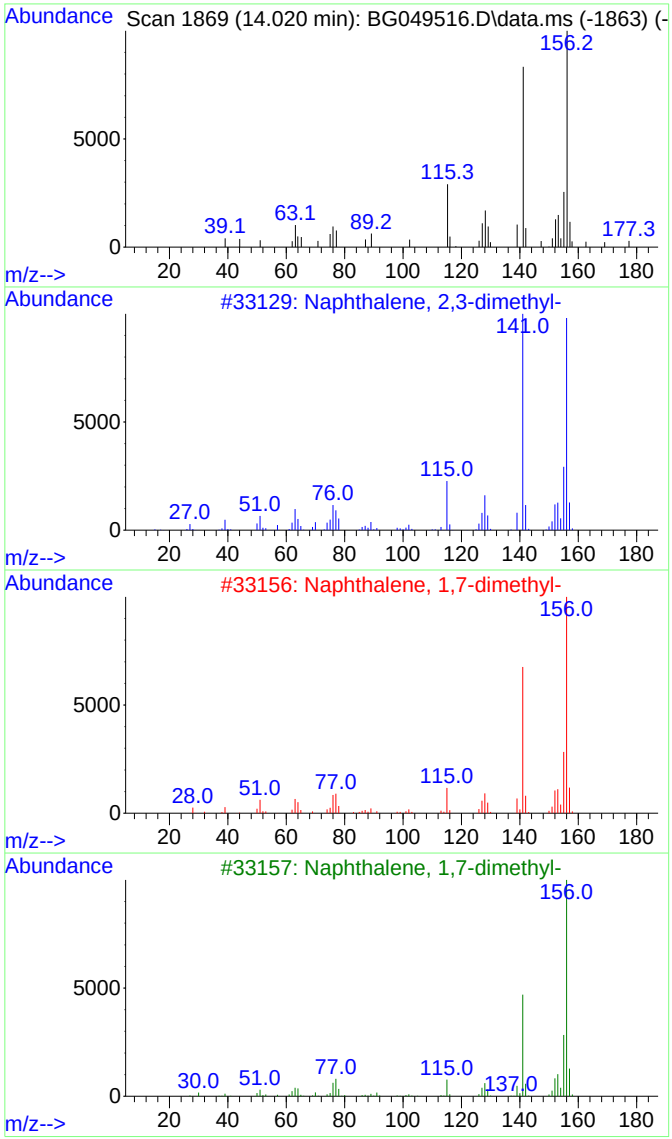
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

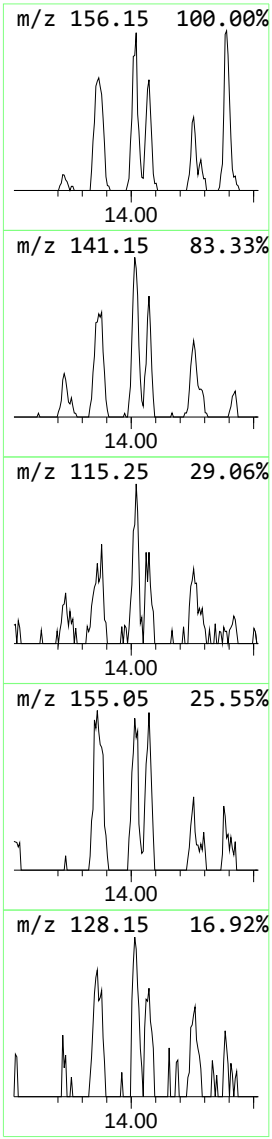
****

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.020	2.84 ng/ul	54170	Acenaphthene-d10	14.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Sample : M3091-09
Misc :
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Instrument : BNA_G
ClientSampleId : C0047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

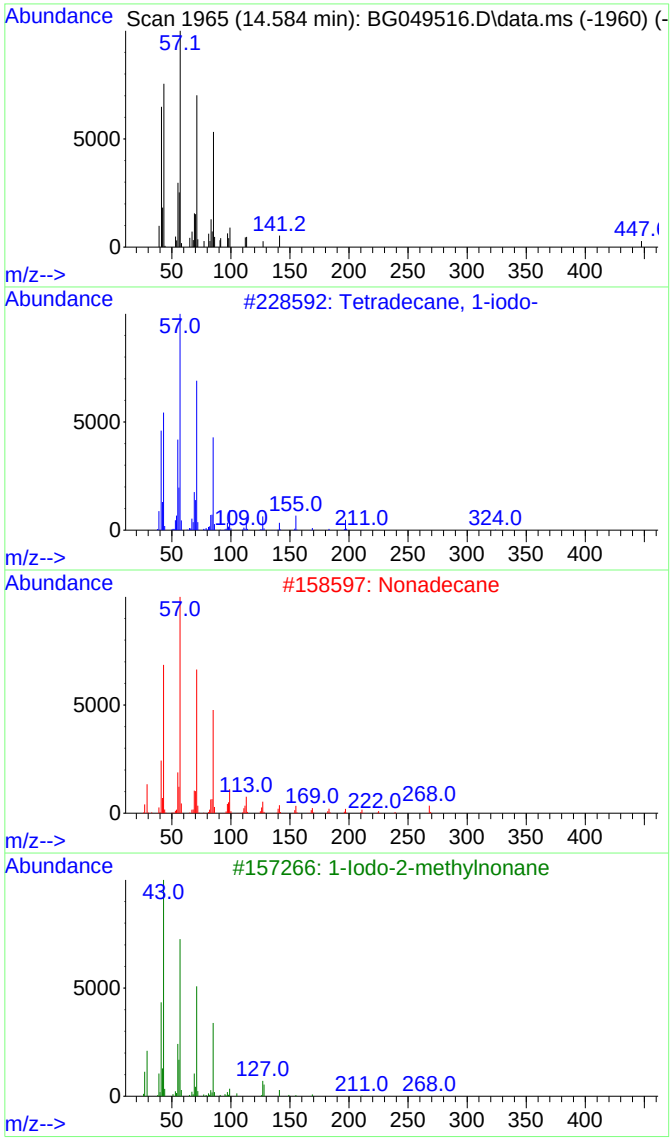
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

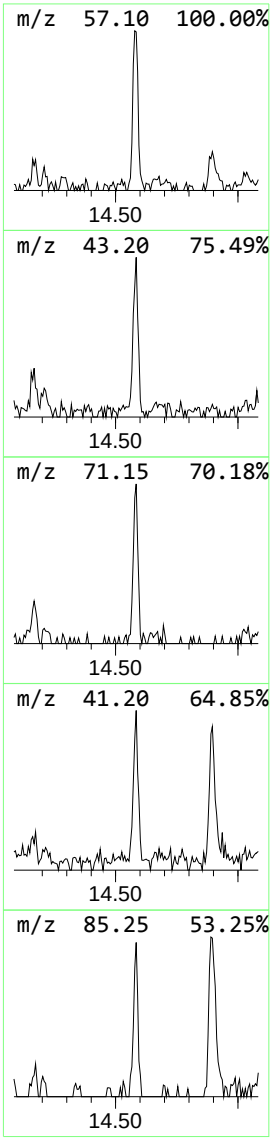
****

Peak Number 10 Tetradecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.584	2.46 ng/ul	46899	Acenaphthene-d10	14.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
2	Nonadecane	268	C19H40	000629-92-5	72
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Tetradecane	198	C14H30	000629-59-4	59





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ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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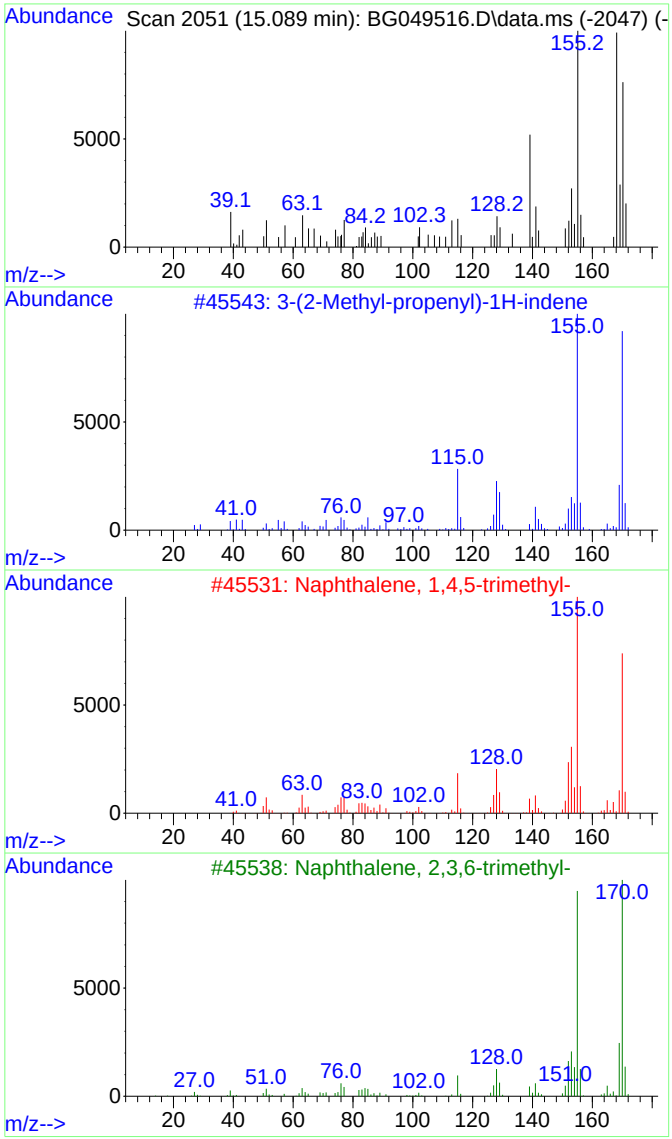
Quant Title : SVOA CALIBRATION

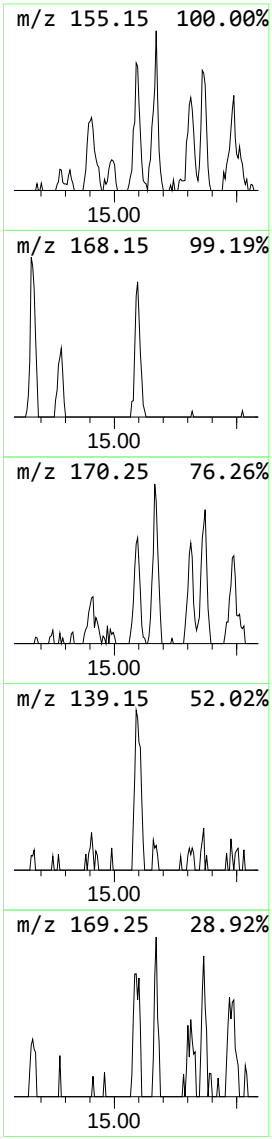
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.089	2.26 ng/ul	42987	Acenaphthene-d10	14.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	55
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	55
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	53
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	53
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	49





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Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0047

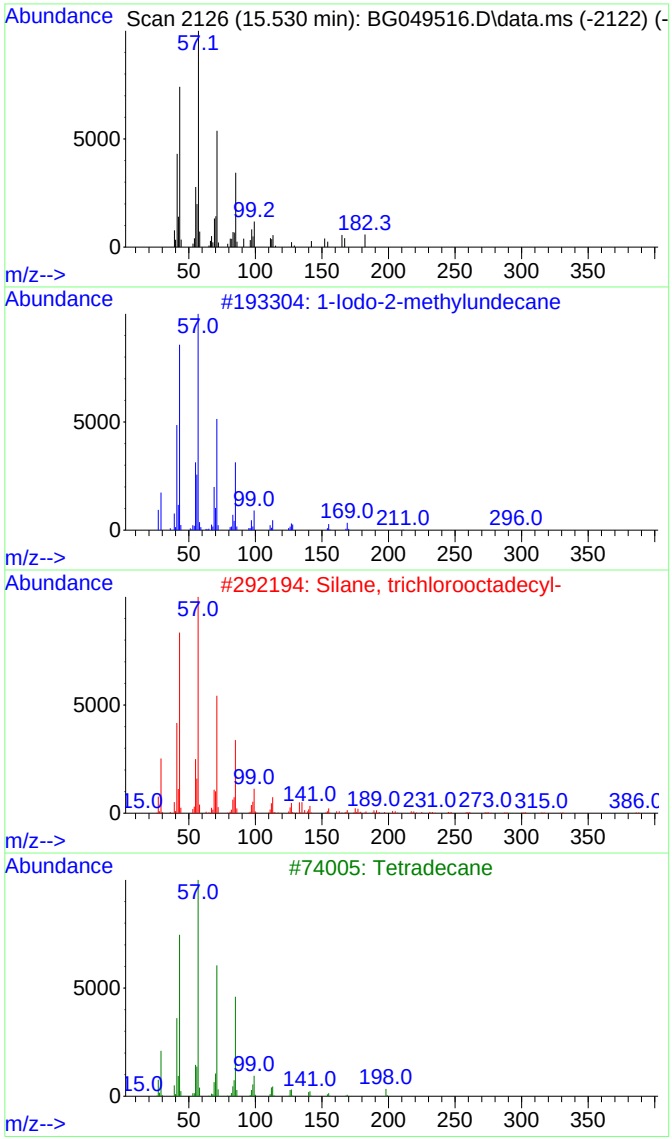
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

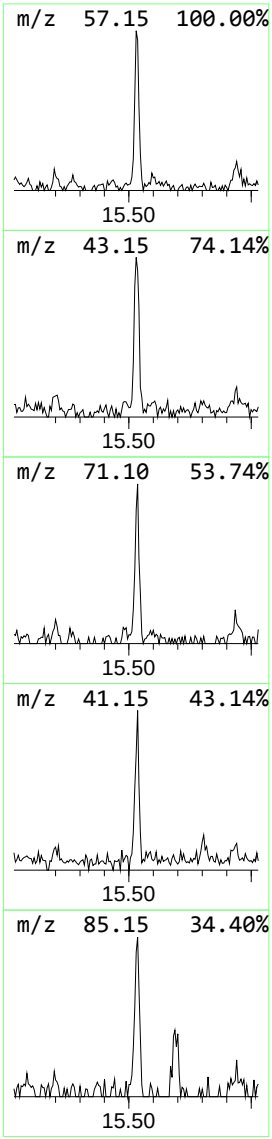
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1-Iodo-2-methylundecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.530	3.20 ng/ul	61022	Acenaphthene-d10	14.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5	Decane	142	C10H22	000124-18-5	62





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Misc :
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Instrument : BNA_G
ClientSampleId : C0047

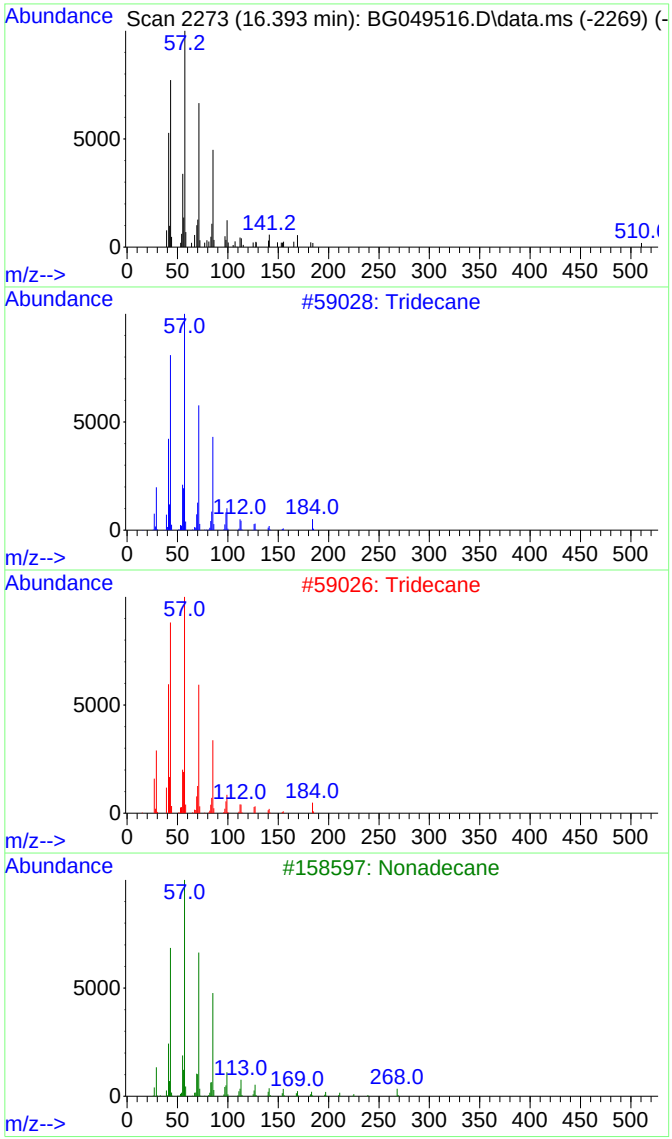
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

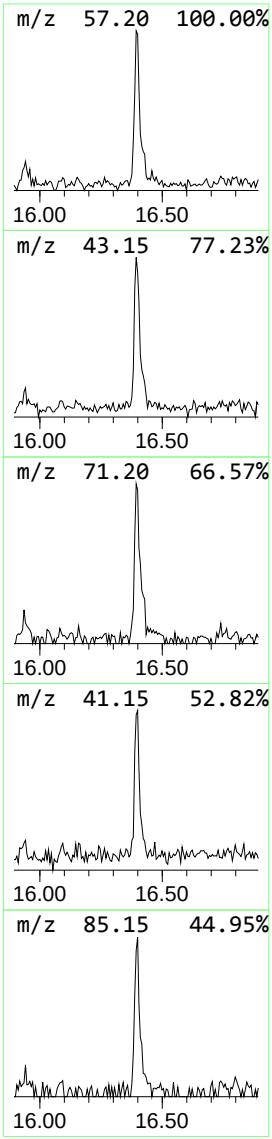
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.393	4.34 ng/ul	86595	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tridecane	184	C13H28	000629-50-5	87
3	Nonadecane	268	C19H40	000629-92-5	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Eicosane	282	C20H42	000112-95-8	86





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Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

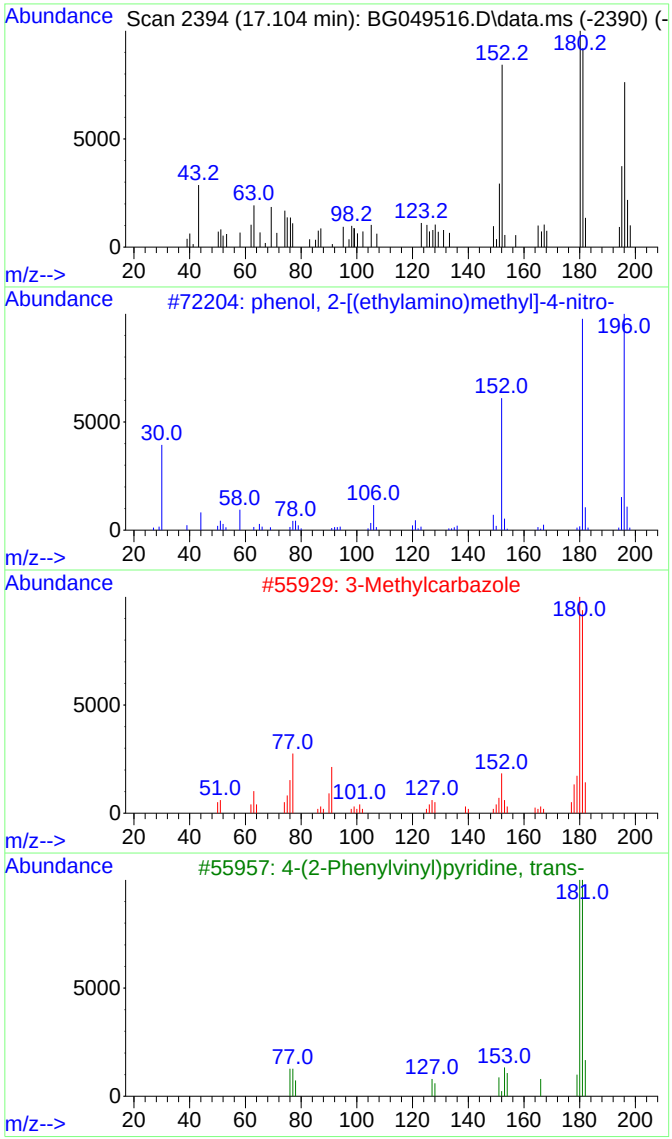
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

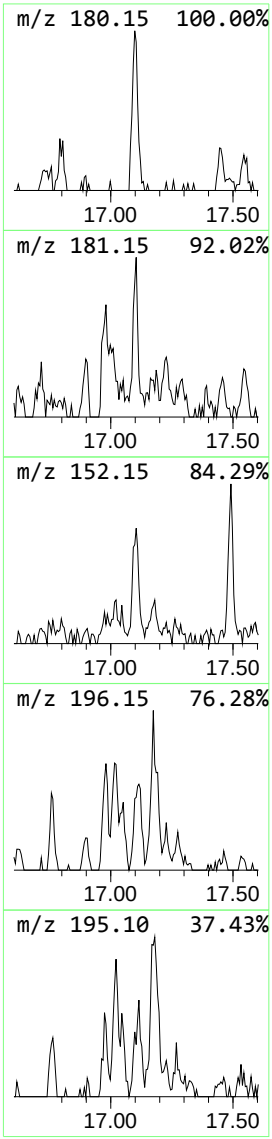
****

Peak Number 14 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	2.01 ng/ul	39982	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	phenol, 2-[(ethylamino)methyl]-4...	196	C9H12N2O3	1000400-09-7	43
2	3-Methylcarbazole	181	C13H11N	004630-20-0	38
3	4-(2-Phenylvinyl)pyridine, trans-	181	C13H11N	005097-93-8	38
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	38
5	6-(Methylthio)benzo[d]thiazol-2-...	196	C8H8N2S2	050850-92-5	30





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Instrument : BNA_G
ClientSampleId : C0047

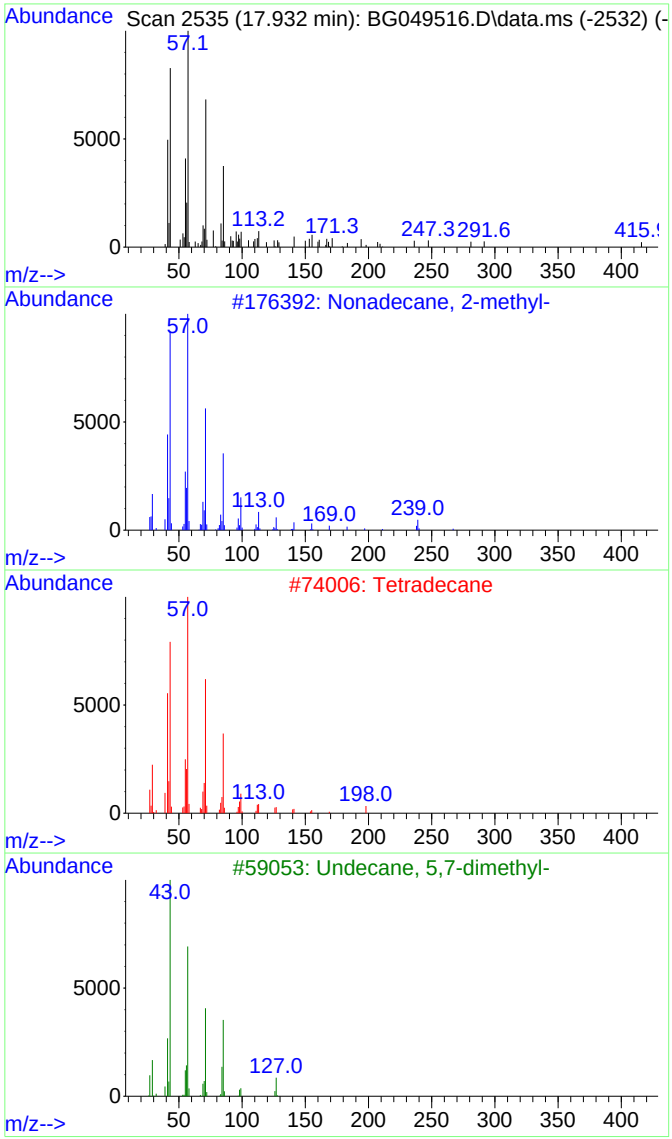
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

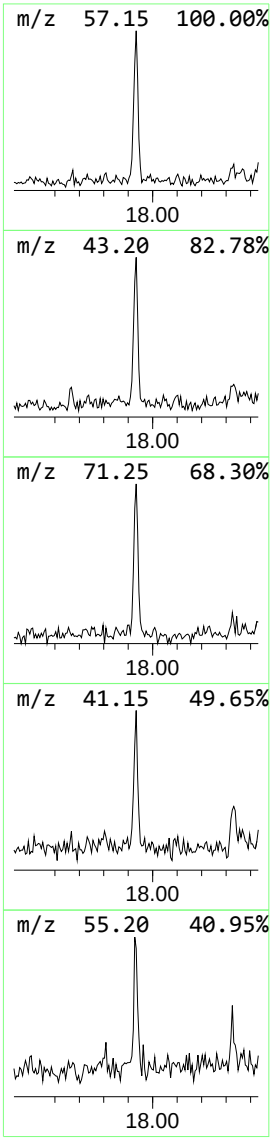
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.932	3.09 ng/ul	61600	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
2	Tetradecane	198	C14H30	000629-59-4	80
3	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	80
4	Tetradecane	198	C14H30	000629-59-4	68
5	Eicosane	282	C20H42	000112-95-8	68





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Misc :
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Instrument : BNA_G
ClientSampleId : C0047

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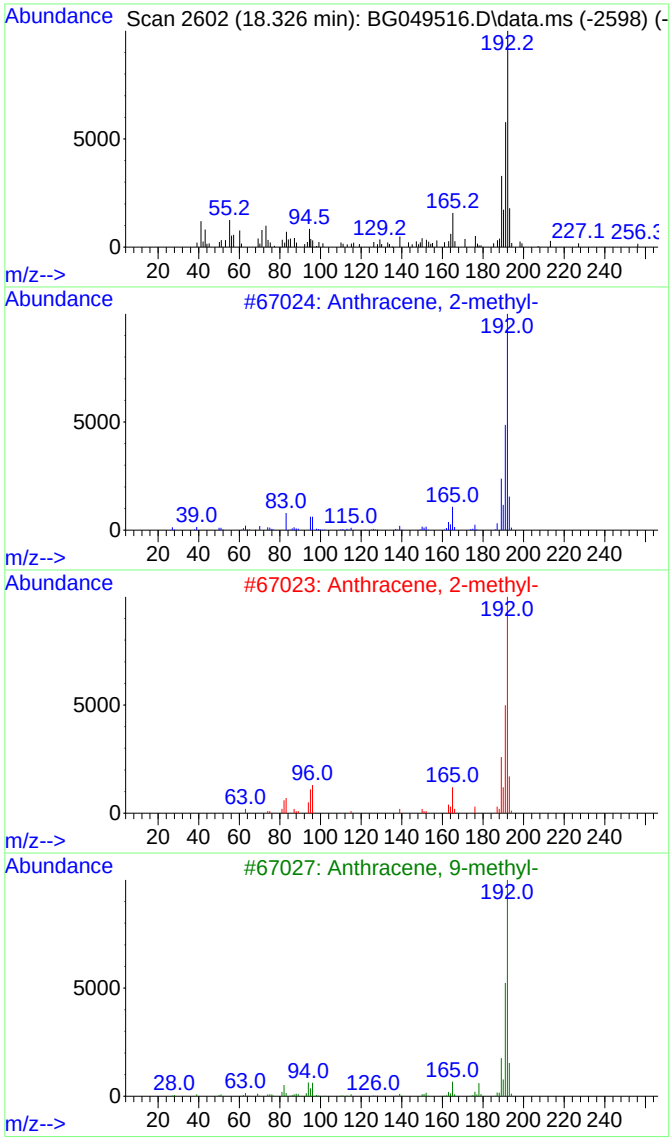
Quant Title : SVOA CALIBRATION

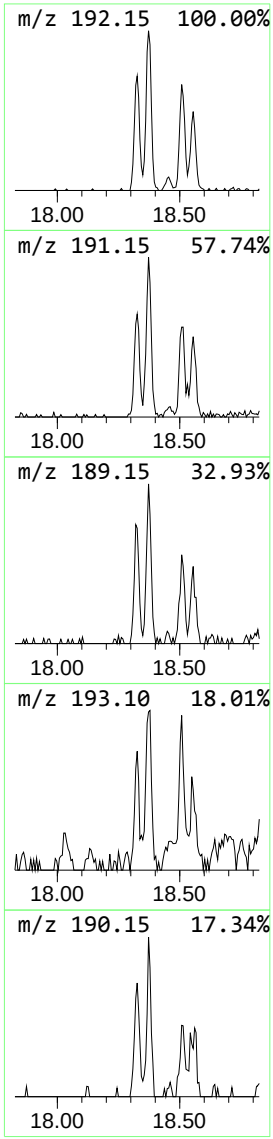
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.326	4.38 ng/ul	87396	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0047

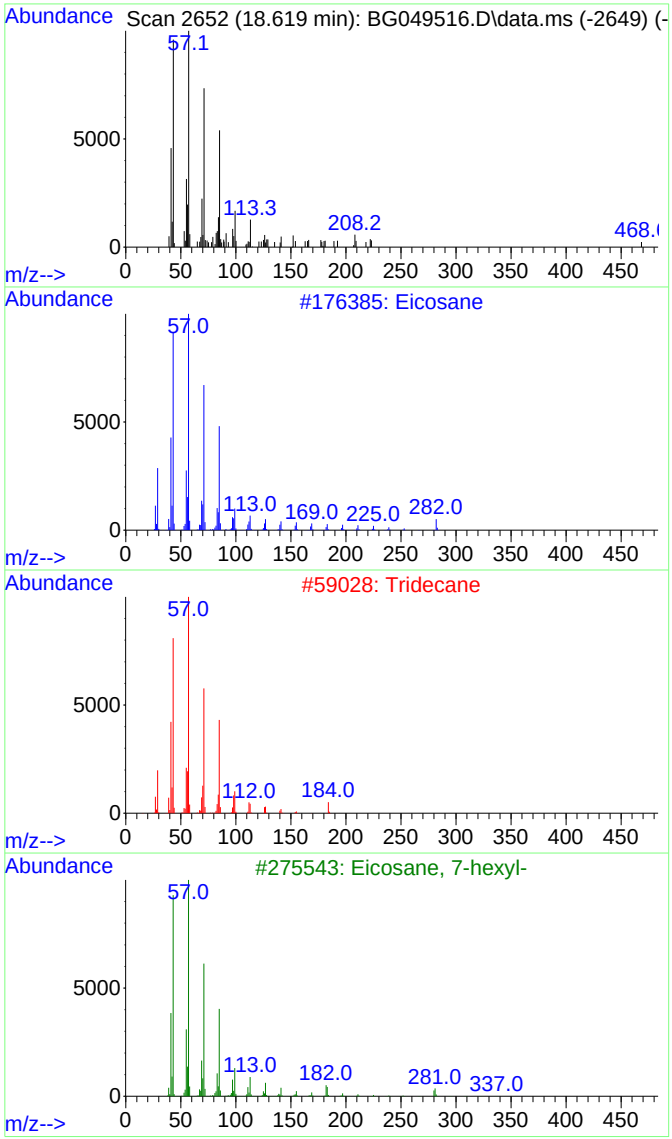
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

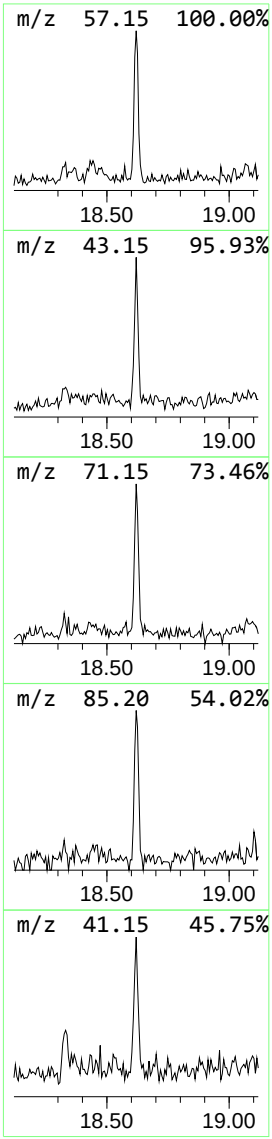
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.619	3.03 ng/ul	60339	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Tridecane	184	C13H28	000629-50-5	78
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	78
4	Nonadecane	268	C19H40	000629-92-5	78
5	Octadecane	254	C18H38	000593-45-3	78





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Data File : BG049516.D
Acq On : 27 Jul 2021 20:45
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0047

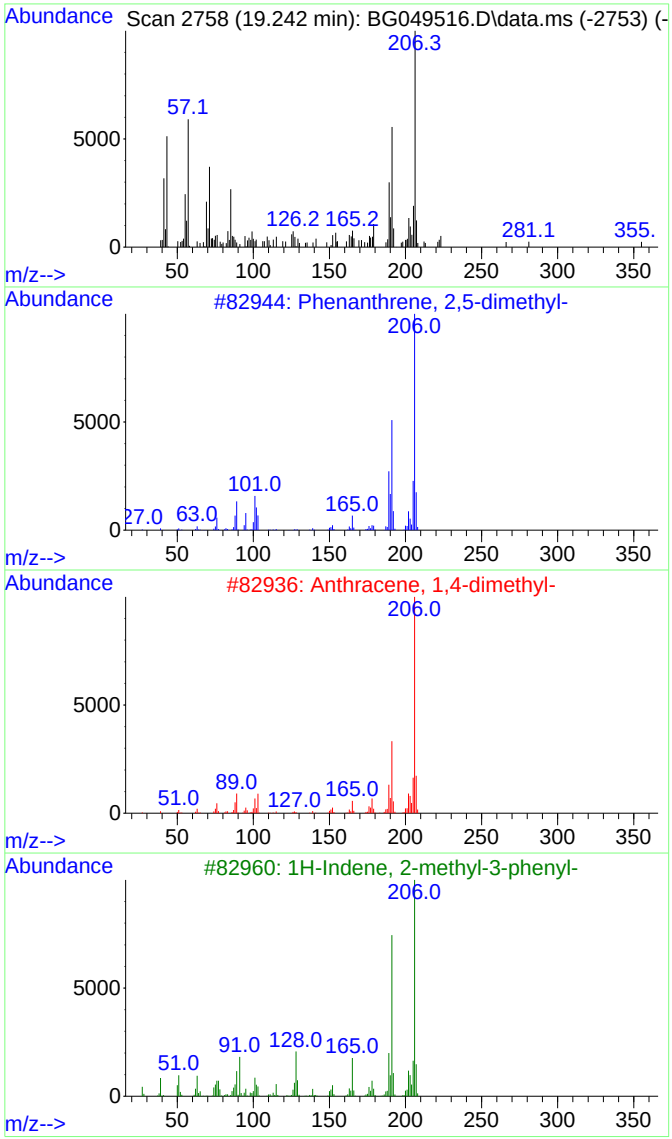
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

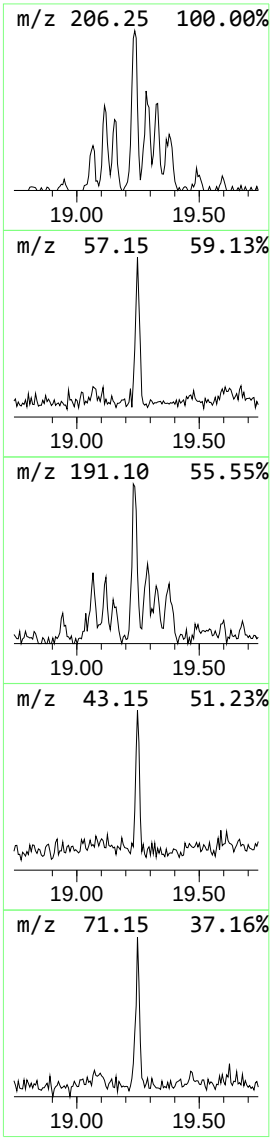
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.242	5.54 ng/ul	110446	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	76
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	76
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049516.D
Acq On : 27 Jul 2021 20:45
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0047

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	3.082	17.5	ng/ul	155701	1	8.051	177936	20.0
Butane, 2-metho...	3.158	26.5	ng/ul	235395	1	8.051	177936	20.0
Toluene	4.186	2.1	ng/ul	18517	1	8.051	177936	20.0
Benzene, 1,3-di...	5.666	4.3	ng/ul	38504	1	8.051	177936	20.0
unknown-01	6.042	2.0	ng/ul	18024	1	8.051	177936	20.0
(DEL) Alkane: S...	9.273	2.1	ng/ul	18798	1	8.051	177936	20.0
Benzene, 1,2,3-...	10.730	2.3	ng/ul	30575	2	10.871	266941	20.0
(DEL) Alkane: S...	12.275	2.6	ng/ul	35236	2	10.871	266941	20.0
Naphthalene, 2,...	14.020	2.8	ng/ul	54170	3	14.701	381237	20.0
Tetradecane, 1-...	14.584	2.5	ng/ul	46899	3	14.701	381237	20.0
3-(2-Methyl-pro...	15.089	2.3	ng/ul	42987	3	14.701	381237	20.0
1-Iodo-2-methyl...	15.530	3.2	ng/ul	61022	3	14.701	381237	20.0
(DEL) Alkane: S...	16.393	4.3	ng/ul	86595	4	17.451	398801	20.0
unknown-02	17.104	2.0	ng/ul	39982	4	17.451	398801	20.0
(DEL) Alkane: S...	17.932	3.1	ng/ul	61600	4	17.451	398801	20.0
Anthracene, 2-m...	18.326	4.4	ng/ul	87396	4	17.451	398801	20.0
(DEL) Alkane: S...	18.619	3.0	ng/ul	60339	4	17.451	398801	20.0
Phenanthrene, 2...	19.242	5.5	ng/ul	110446	4	17.451	398801	20.0