LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
Data File : BG058616.D
Acq On : 4 Aug 2023 18:12
Operator : MA/JU
Sample : 03769-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-P14B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058616.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	7	11	19	rVB3	12965	24292	1.24%	0.111%
2	5.385	384	391	401	rBV	668854	1056489	53.98%	4.847%
3	6.983	653	663	681	rBV	644506	1112349	56.84%	5.103%
4	7.811	794	804	811	rBV	172320	290094	14.82%	1.331%
5	8.446	907	912	920	rVB2	20164	33936	1.73%	0.156%
6	8.757	960	965	970	rBV2	22256	35930	1.84%	0.165%
7	8.810	970	974	981	rVV	29700	48945	2.50%	0.225%
8	8.916	985	992	996	rVV	75438	125351	6.40%	0.575%
9	8.975	996	1002	1022	rVV	368972	706220	36.09%	3.240%
10	9.163	1024	1034	1040	rVV4	22861	50439	2.58%	0.231%
11	9.245	1042	1048	1053	rVV	33963	57609	2.94%	0.264%
12	9.439	1075	1081	1086	rBV	104888	167114	8.54%	0.767%
13	9.498	1086	1091	1098	rVB	180814	281200	14.37%	1.290%
14	9.697	1115	1125	1129	rBV	24542	42560	2.17%	0.195%
15	9.744	1129	1133	1138	rVB2	22555	35312	1.80%	0.162%
16	9.815	1138	1145	1148	rBV	41700	69878	3.57%	0.321%
17	9.862	1148	1153	1163	rVB2	39856	83472	4.27%	0.383%
18	9.962	1163	1170	1173	rBV	37101	61368	3.14%	0.282%
19	10.009	1173	1178	1184	rVV2	126007	244496	12.49%	1.122%
20	10.073	1184	1189	1196	rVV2	59992	109961	5.62%	0.504%
21	10.162	1198	1204	1206	rVV2	31114	47854	2.45%	0.220%
22	10.191	1206	1209	1214	rVB2	33485	56129	2.87%	0.258%
23	10.308	1222	1229	1237	rVB	63067	99410	5.08%	0.456%
24	10.491	1253	1260	1270	rVB	13170	29089	1.49%	0.133%
25	10.614	1270	1281	1285	rBV	245975	500940	25.60%	2.298%
26	10.661	1285	1289	1299	rVB2	240228	486483	24.86%	2.232%
27	10.820	1310	1316	1324	rVB	46065	77546	3.96%	0.356%
28	11.237	1380	1387	1390	rBV	15756	27419	1.40%	0.126%
29	11.530	1431	1437	1443	rBV3	21509	39743	2.03%	0.182%
30	11.719	1463	1469	1476	rBV3	12462	21565	1.10%	0.099%
31	11.936	1500	1506	1512	rBV	32571	52996	2.71%	0.243%
32	12.030	1518	1522	1526	rVB2	18352	26158	1.34%	0.120%
33	12.277	1553	1564	1574	rBV	60593	117434	6.00%	0.539%
34	12.500	1593	1602	1609	rBV2	29553	54360	2.78%	0.249%
35	12.664	1626	1630	1634	rBV2	19230	30983	1.58%	0.142%
36	12.770	1645	1648	1655	rVB2	21148	28960	1.48%	0.133%

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P14B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.847	1655	1661	1666	rBV2	40113	64088	3.27%	0.294%
38	12.935	1671	1676	1681	rVV2	35507	54906	2.81%	0.252%
39	12.988	1681	1685	1690	rVV	43713	59029	3.02%	0.271%
40	13.076	1690	1700	1708	rVV	963135	1535290	78.45%	7.043%
41	13.152	1709	1713	1719	rBV8	12396	22762	1.16%	0.104%
42	13.276	1728	1734	1742	rBV	431933	620229	31.69%	2.845%
43	13.364	1746	1749	1753	rBV2	27399	38407	1.96%	0.176%
44	13.440	1759	1762	1766	rVB3	28736	39843	2.04%	0.183%
45	13.516	1772	1775	1780	rVB2	24488	35038	1.79%	0.161%
46	13.587	1782	1787	1791	rBV6	17742	37531	1.92%	0.172%
47	13.663	1796	1800	1804	rBV2	25710	40091	2.05%	0.184%
48	13.716	1805	1809	1812	rBV5	13751	25269	1.29%	0.116%
49	13.804	1816	1824	1828	rBV3	81066	200086	10.22%	0.918%
50	13.845	1828	1831	1836	rVB	66806	81896	4.18%	0.376%
51	13.910	1837	1842	1844	rBV	161062	236373	12.08%	1.084%
52	13.975	1850	1853	1859	rVB	136730	190154	9.72%	0.872%
53	14.051	1861	1866	1870	rVV	106222	144983	7.41%	0.665%
54	14.110	1871	1876	1879	rVV4	21874	38892	1.99%	0.178%
55	14.139	1879	1881	1886	rVB3	23327	28586	1.46%	0.131%
56	14.286	1903	1906	1911	rVB3	35284	52216	2.67%	0.240%
57	14.351	1911	1917	1925	rBV	821175	1085974	55.49%	4.982%
58	14.421	1925	1929	1931	rBV2	71177	100637	5.14%	0.462%
59	14.456	1931	1935	1943	rVB	386138	631447	32.26%	2.897%
60	14.550	1948	1951	1955	rVB3	17980	22091	1.13%	0.101%
61	14.691	1971	1975	1979	rVB	29386	41553	2.12%	0.191%
62	14.791	1987	1992	1994	rBV	71683	108075	5.52%	0.496%
63	14.850	1998	2002	2007	rVV	62420	86447	4.42%	0.397%
64	14.903	2007	2011	2016	rVV	60176	77996	3.99%	0.358%
65	14.968	2016	2022	2028	rVB2	114105	193593	9.89%	0.888%
66	15.038	2029	2034	2038	rVB	55948	72013	3.68%	0.330%
67	15.191	2056	2060	2066	rVB5	16897	36165	1.85%	0.166%
68	15.303	2074	2079	2084	rVB	441847	556925	28.46%	2.555%
69	15.355	2084	2088	2092	rBV4	20551	33177	1.70%	0.152%
70	15.702	2137	2147	2152	rBV2	62394	149148	7.62%	0.684%
71	15.743	2152	2154	2159	rVV3	16117	23299	1.19%	0.107%
72	15.802	2160	2164	2169	rVB2	21506	28817	1.47%	0.132%
73	15.855	2169	2173	2179	rVB2	24087	37379	1.91%	0.171%
74	15.949	2180	2189	2202	rBV	712623	1172553	59.91%	5.379%
75	16.160	2220	2225	2235	rBV	122086	201378	10.29%	0.924%
76	16.954	2356	2360	2363	rBV	22110	23751	1.21%	0.109%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
Data File : BG058616.D
Acq On : 4 Aug 2023 18:12
Operator : MA/JU
Sample : 03769-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P14B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.001	2365	2368	2378	rVB9	10391	24212	1.24%	0.111%
78	17.206	2396	2403	2408	rBV	441088	693338	35.43%	3.181%
79	17.247	2408	2410	2415	rVB	37763	45958	2.35%	0.211%
80	18.093	2549	2554	2570	rBV2	234967	409108	20.90%	1.877%
81	19.010	2704	2710	2715	rBV4	32861	62085	3.17%	0.285%
82	19.145	2729	2733	2739	rBV6	9655	24999	1.28%	0.115%
83	19.263	2748	2753	2759	rVB	110916	165013	8.43%	0.757%
84	19.368	2767	2771	2781	rBV3	94133	152795	7.81%	0.701%
85	19.592	2806	2809	2811	rBV3	25787	31981	1.63%	0.147%
86	19.621	2811	2814	2823	rVB	109590	167665	8.57%	0.769%
87	19.821	2843	2848	2859	rBV	1451002	1957082	100.00%	8.978%
88	20.126	2896	2900	2904	rVB2	85926	112501	5.75%	0.516%
89	20.238	2914	2919	2923	rBV	85814	112713	5.76%	0.517%
90	20.273	2923	2925	2929	rVB	19963	21355	1.09%	0.098%
91	20.414	2947	2949	2953	rBV	19999	24717	1.26%	0.113%
92	20.614	2981	2983	2988	rVB2	29682	30064	1.54%	0.138%
93	21.102	3063	3066	3068	rBV	60299	68586	3.50%	0.315%
94	21.137	3068	3072	3080	rVV5	54048	141521	7.23%	0.649%
95	21.331	3100	3105	3111	rVB	605407	785628	40.14%	3.604%
96	21.442	3117	3124	3130	rBV	450975	832328	42.53%	3.818%
97	22.200	3249	3253	3259	rVB2	65343	100988	5.16%	0.463%
98	23.605	3488	3492	3504	rVB3	123668	264672	13.52%	1.214%
99	24.515	3639	3647	3656	rBV	289011	777212	39.71%	3.566%
100	25.561	3819	3825	3833	rVB2	84383	228855	11.69%	1.050%

Sum of corrected areas: 21797547

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
Data File : BG058616.D
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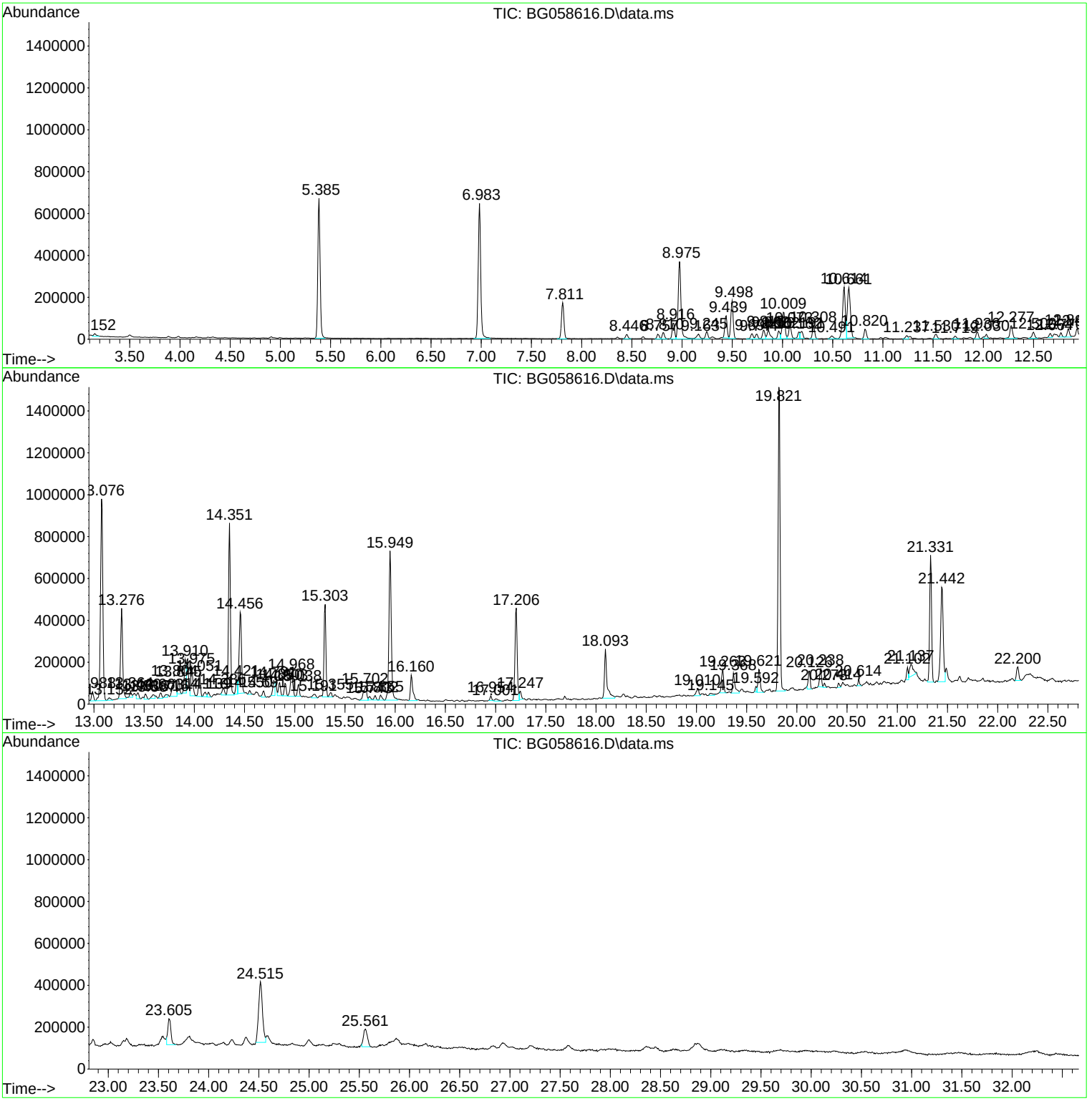
Sample : 03769-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
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Instrument :
BNA_G
ClientSampleId :
B-P14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

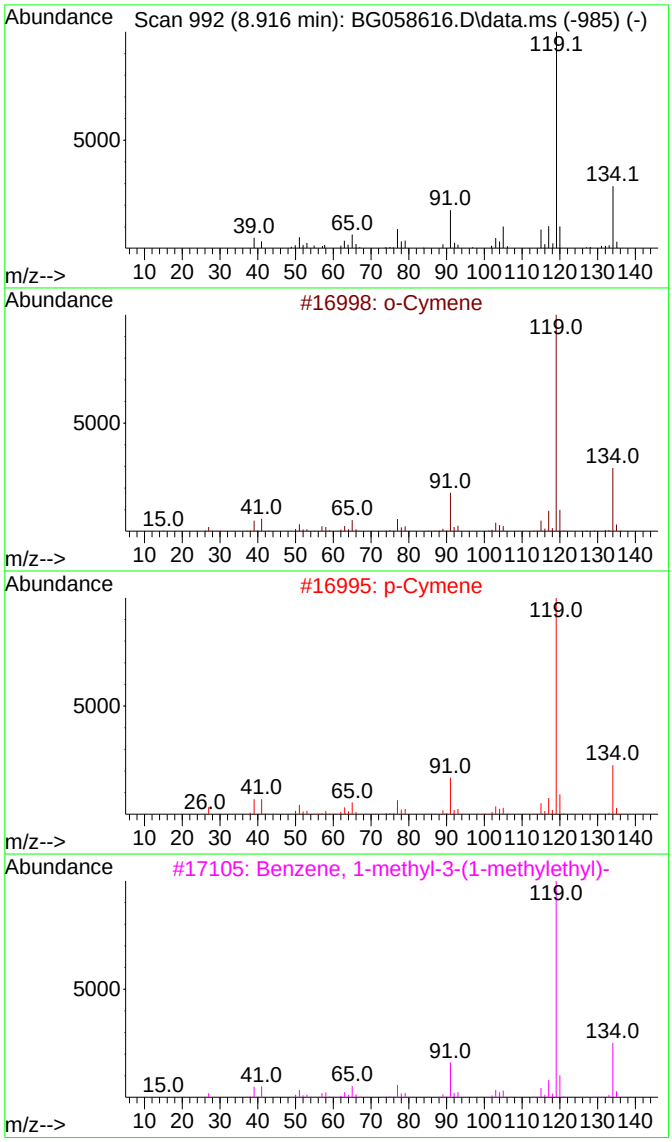
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

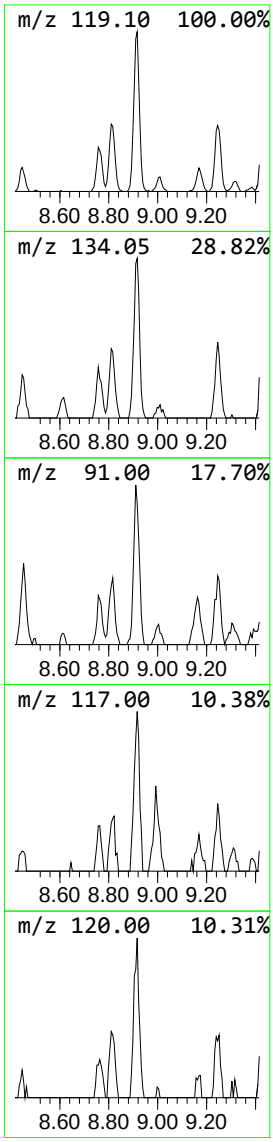
****

Peak Number 1 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.916	8.64 ng	125351	1,4-Dichlorobenzene-d4	7.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
Data File : BG058616.D
Acq On : 4 Aug 2023 18:12
Operator : MA/JU
Sample : 03769-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P14B

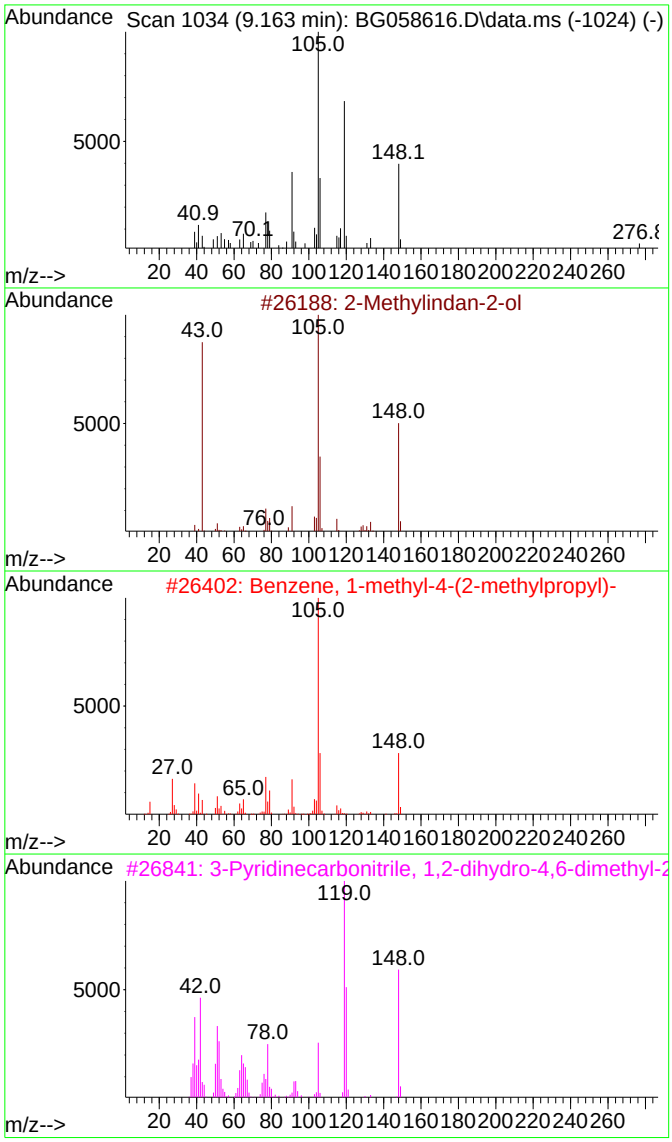
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

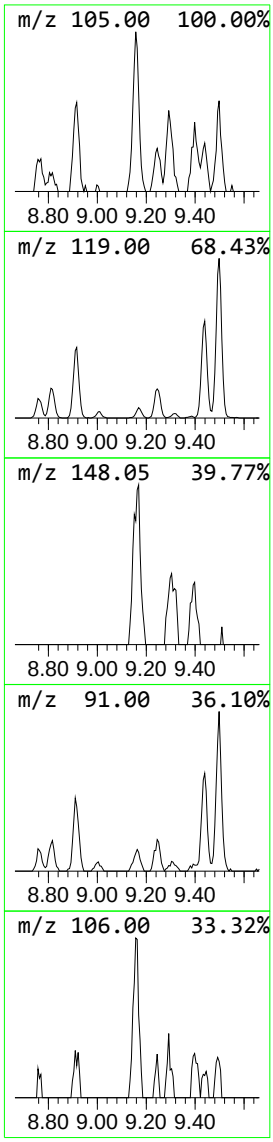
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Methylindan-2-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	3.48 ng	50439	1,4-Dichlorobenzene-d4	7.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindan-2-ol	148	C10H12O	033223-84-6	60
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	47
3	3-Pyridinecarbonitrile, 1,2-dihy...	148	C8H8N2O	000769-28-8	47
4	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	46
5	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
Data File : BG058616.D
Acq On : 4 Aug 2023 18:12
Operator : MA/JU
Sample : 03769-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P14B

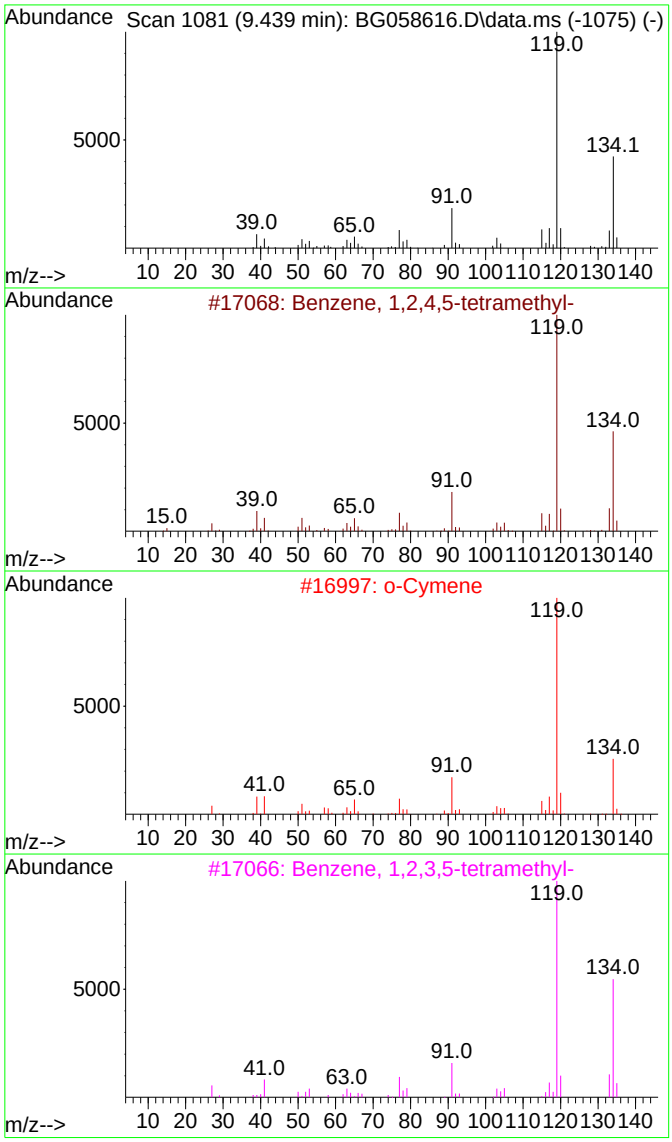
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

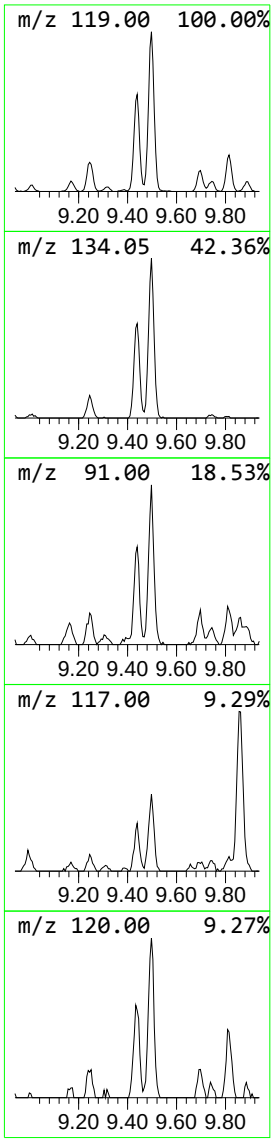
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.439	6.67 ng	167114	Naphthalene-d8	10.614

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
Data File : BG058616.D
Acq On : 4 Aug 2023 18:12
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Sample : 03769-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

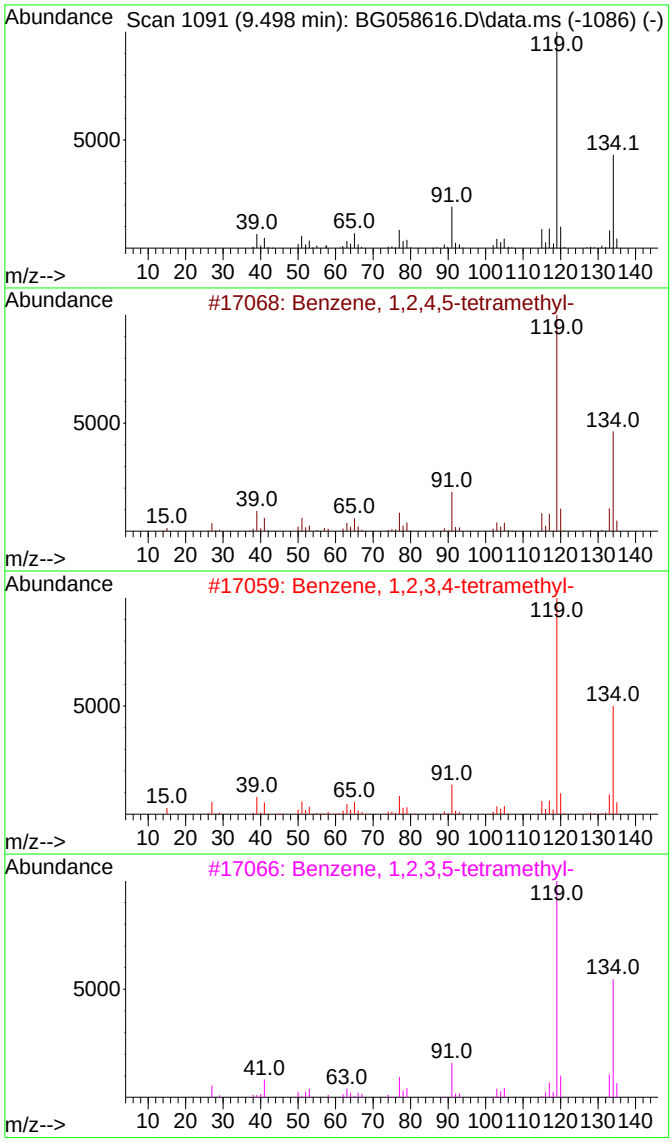
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

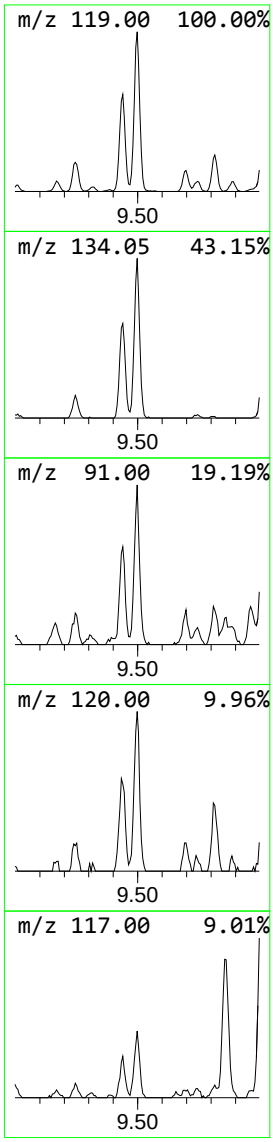
****

Peak Number 4 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	11.23 ng	281200	Naphthalene-d8	10.614

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
Data File : BG058616.D
Acq On : 4 Aug 2023 18:12
Operator : MA/JU
Sample : 03769-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P14B

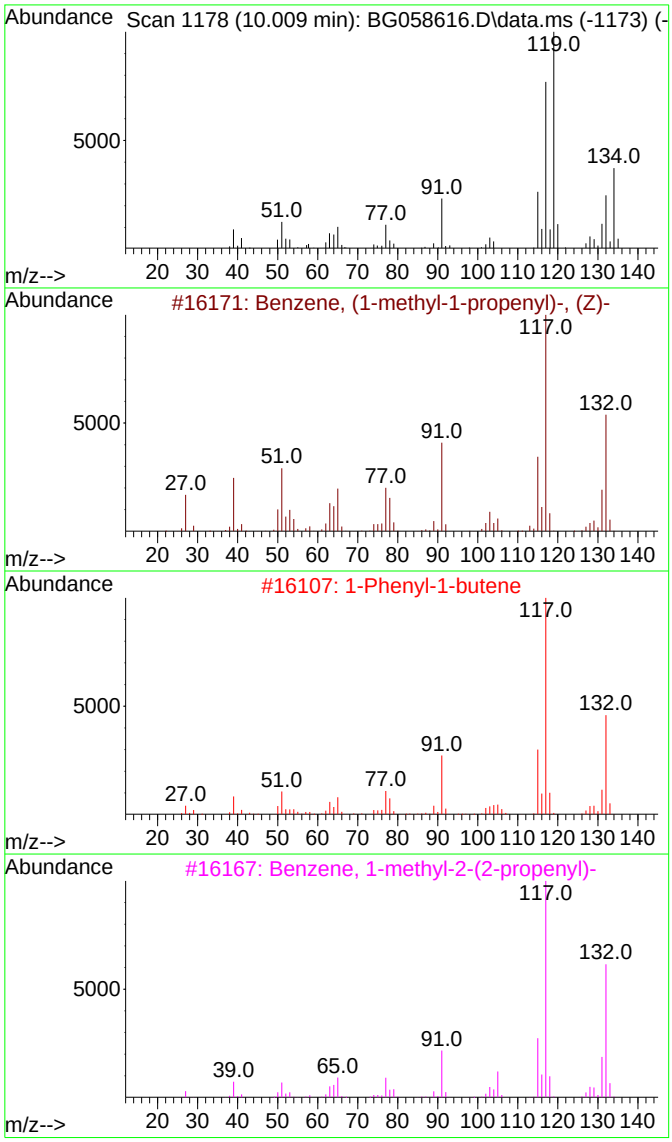
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

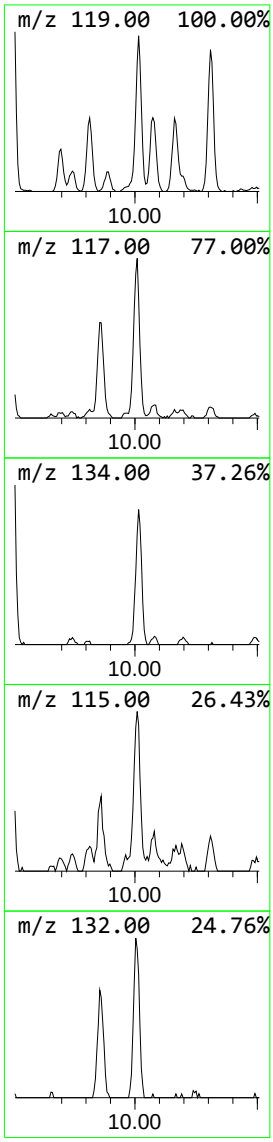
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1-methyl-1-propen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.009	9.76 ng	244496	Naphthalene-d8	10.614

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55





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Acq On : 4 Aug 2023 18:12
Operator : MA/JU
Sample : 03769-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-P14B

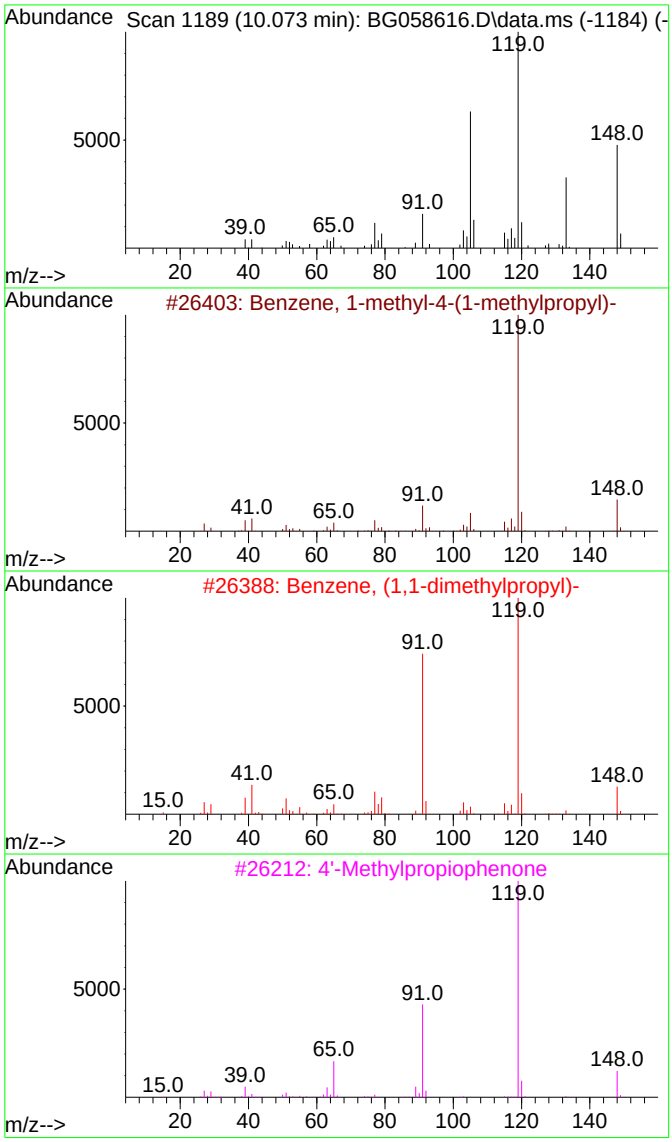
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

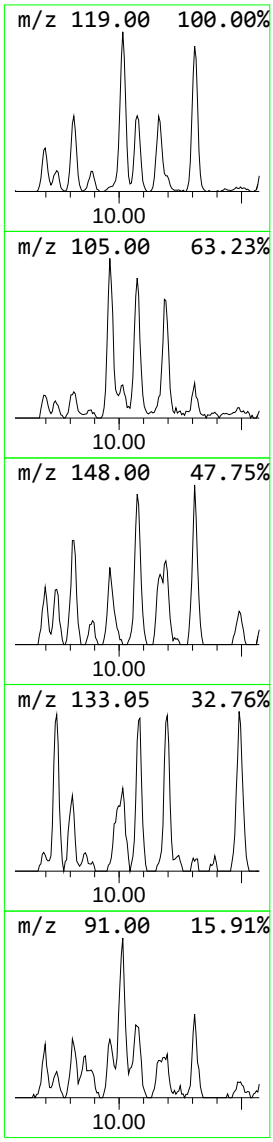
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-4-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.073	4.39 ng	109961	Naphthalene-d8	10.614

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	74
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	52
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50





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Misc :
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Instrument :
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ClientSampleId :
B-P14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

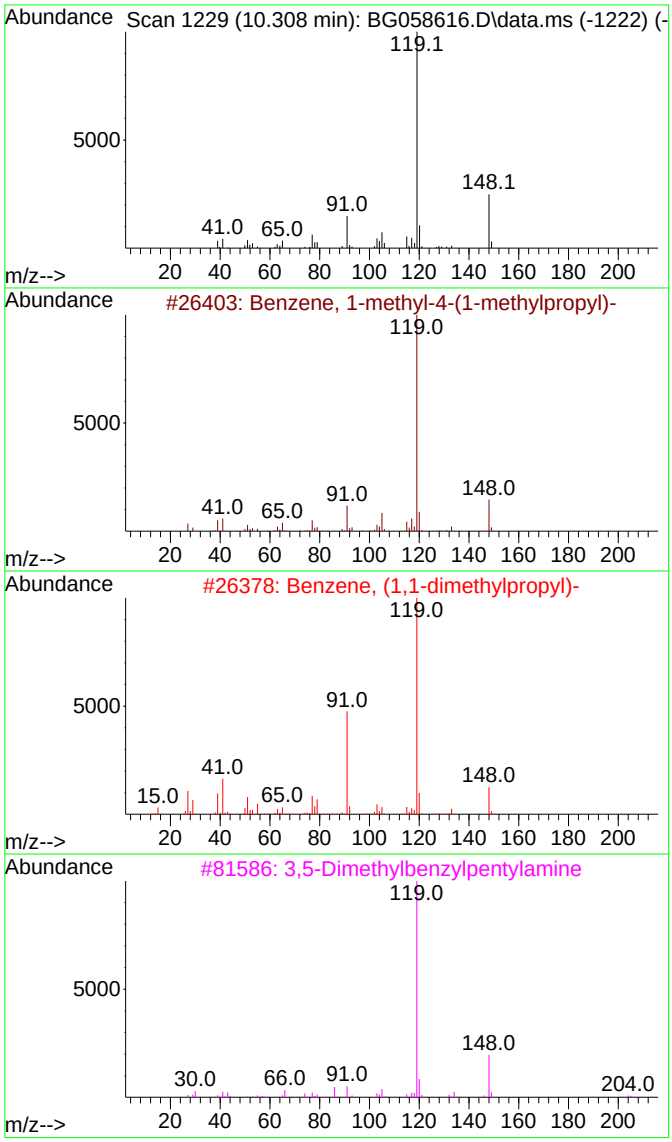
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

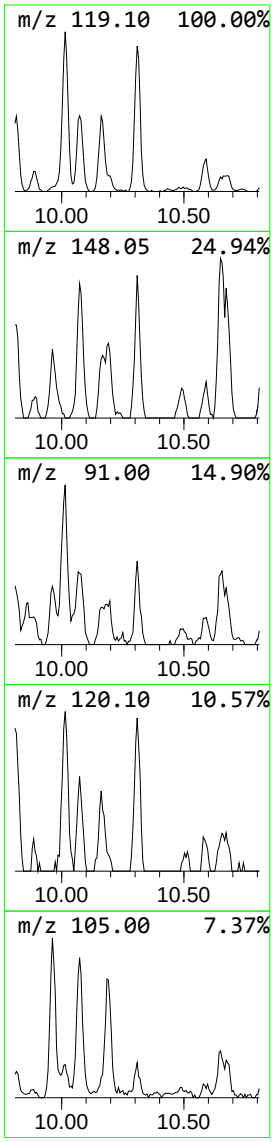
****

Peak Number 7 Benzene, (1,1-dimethylpropyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.308	3.97 ng	99410	Naphthalene-d8	10.614

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	90
3	3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	78
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P14B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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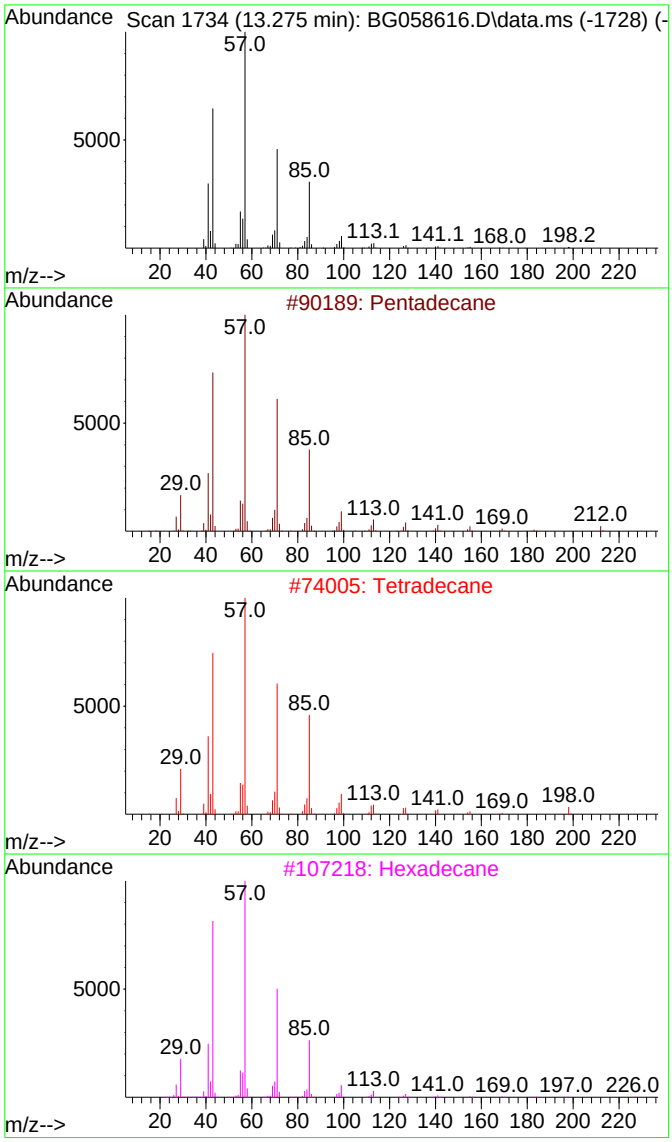
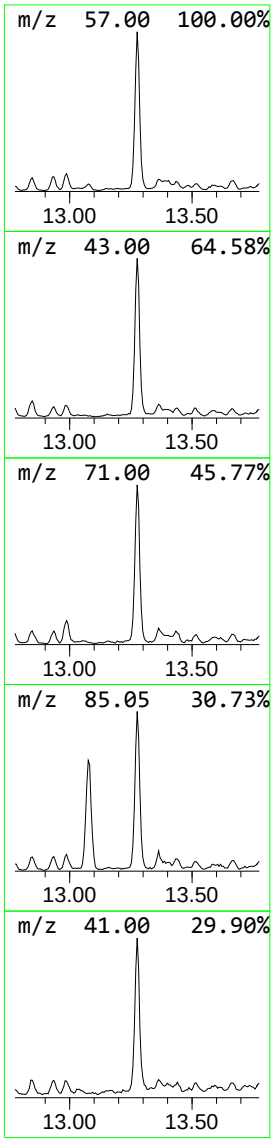
Peak Number 8 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.275	19.64 ng	620229	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dodecane	170	C12H26	000112-40-3	83
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80





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ALS Vial : 16 Sample Multiplier: 1

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BNA_G
ClientSampleId :
B-P14B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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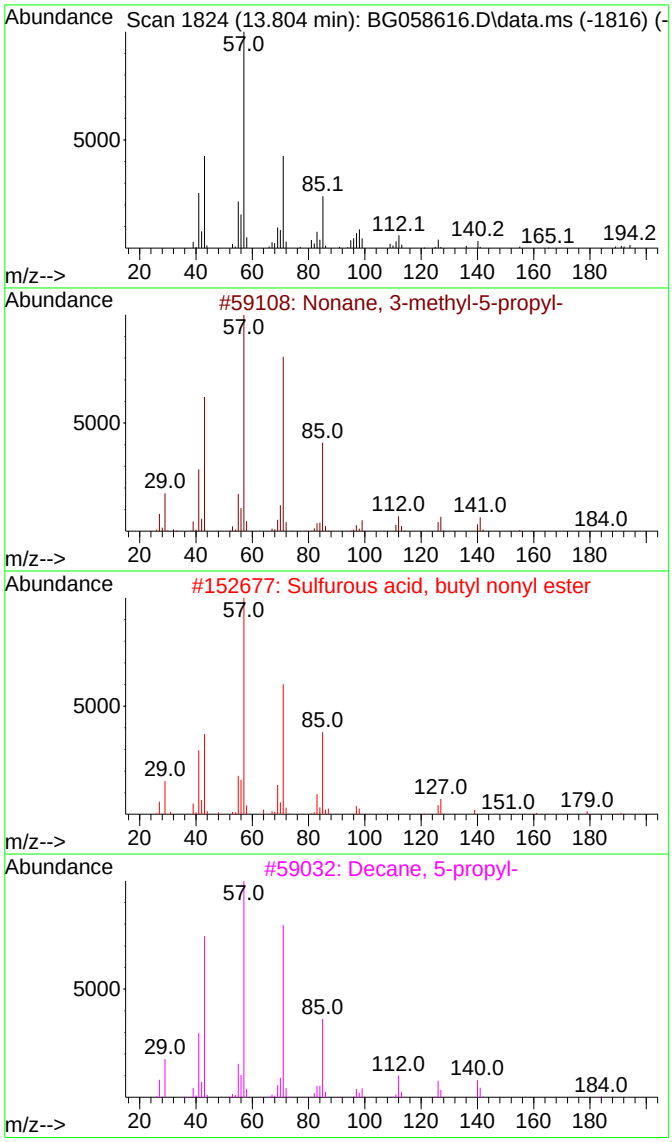
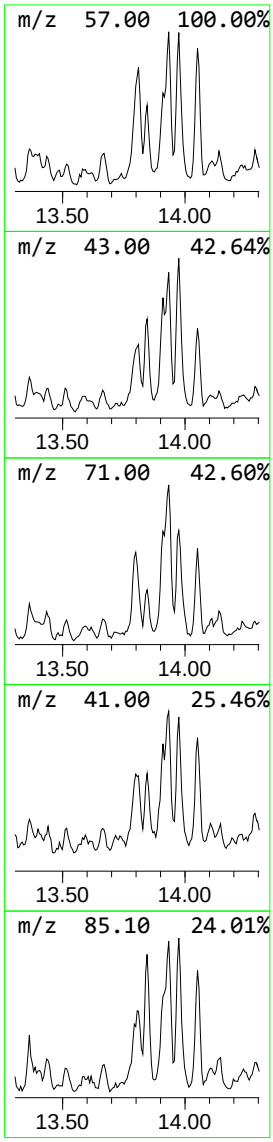
Peak Number 9 Nonane, 3-methyl-5-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	6.34 ng	200086	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
3	Decane, 5-propyl-	184	C13H28	017312-62-8	53
4	Tetradecane	198	C14H30	000629-59-4	53
5	Hexadecane	226	C16H34	000544-76-3	53





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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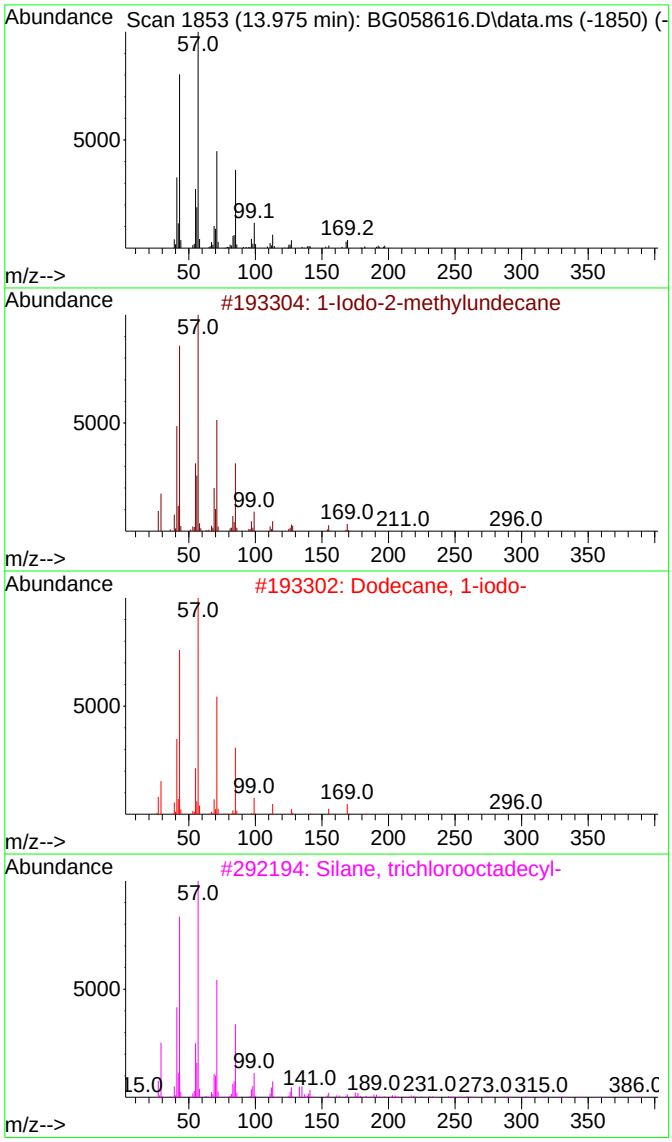
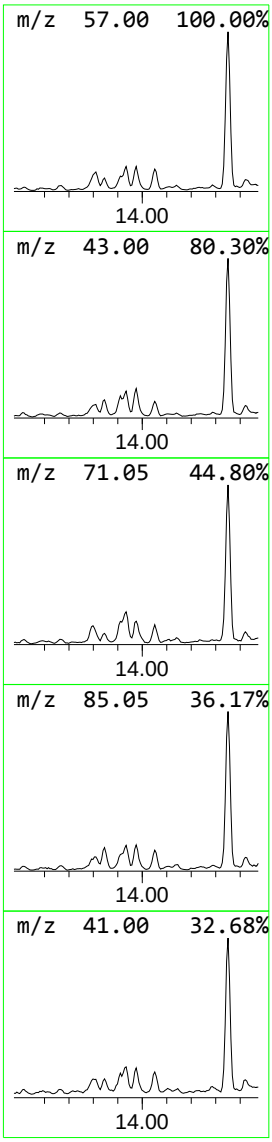
Peak Number 10 1-Iodo-2-methylundecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.975	6.02 ng	190154	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
4	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	86
5	Eicosane	282	C20H42	000112-95-8	83





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Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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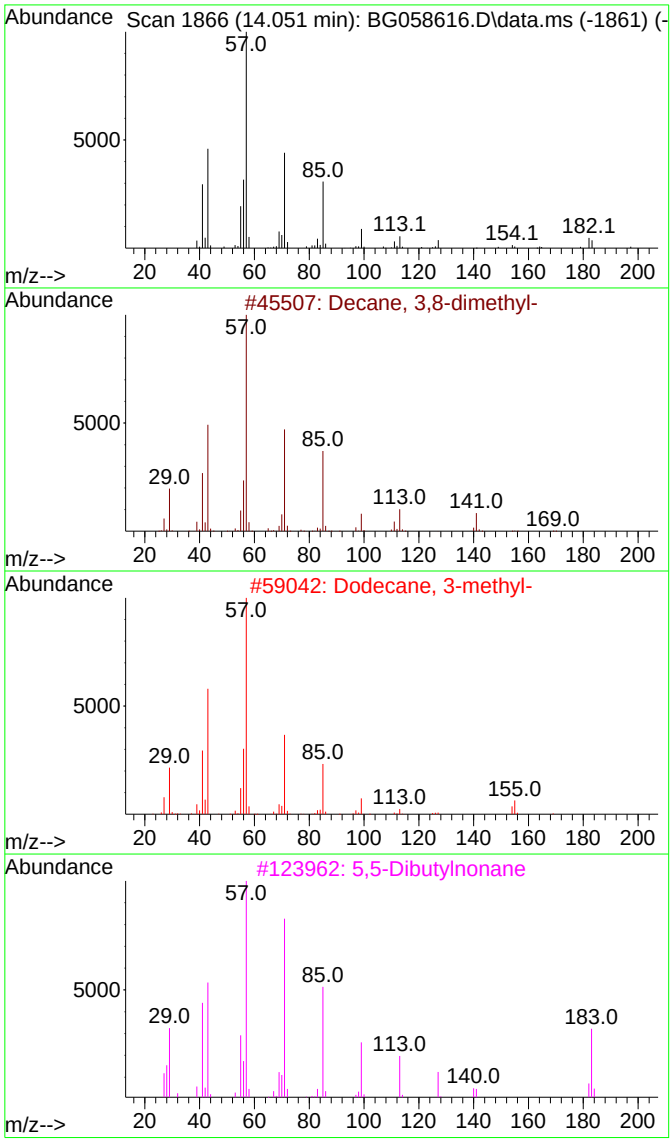
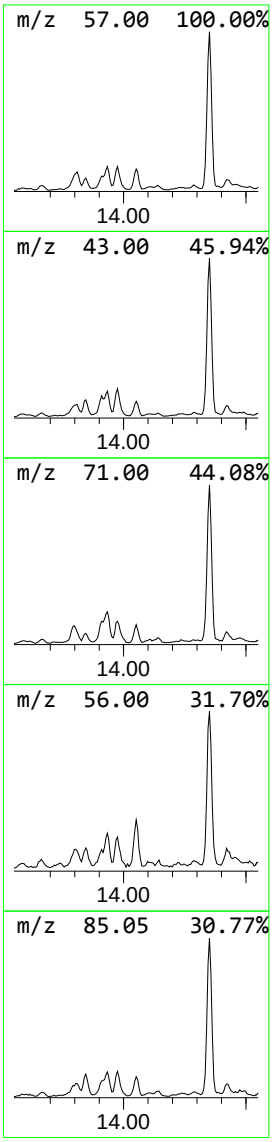
Peak Number 11 Decane, 3,8-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.051	4.59 ng	144983	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
3	5,5-Dibutylnonane	240	C17H36	006008-17-9	72
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
5	Hexadecane	226	C16H34	000544-76-3	59





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Sample : 03769-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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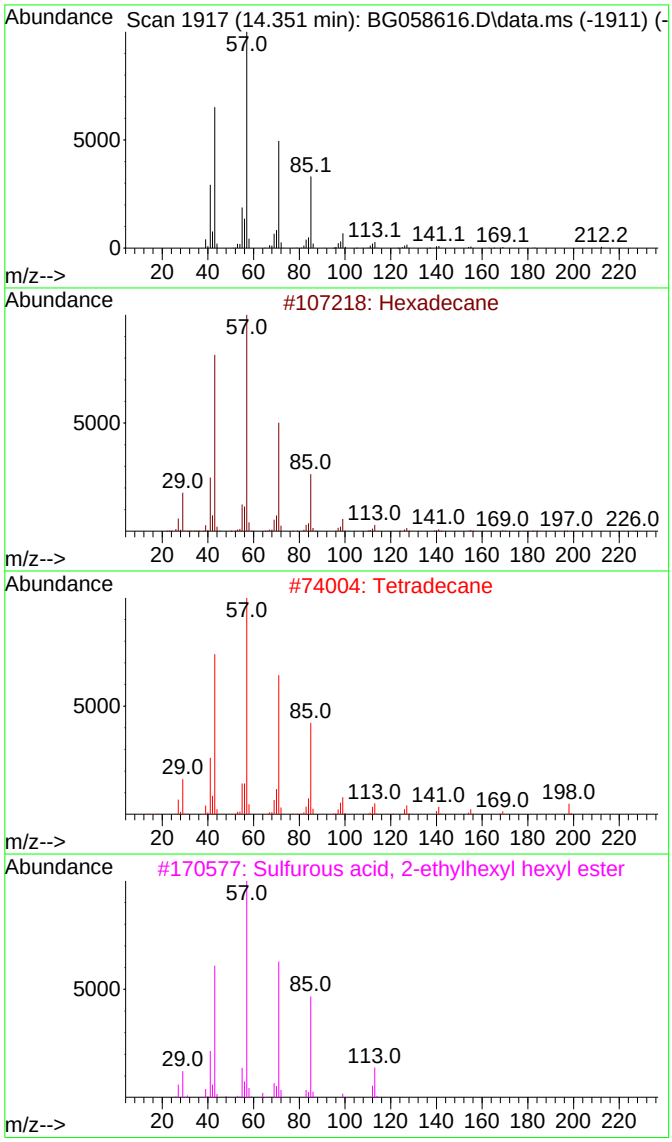
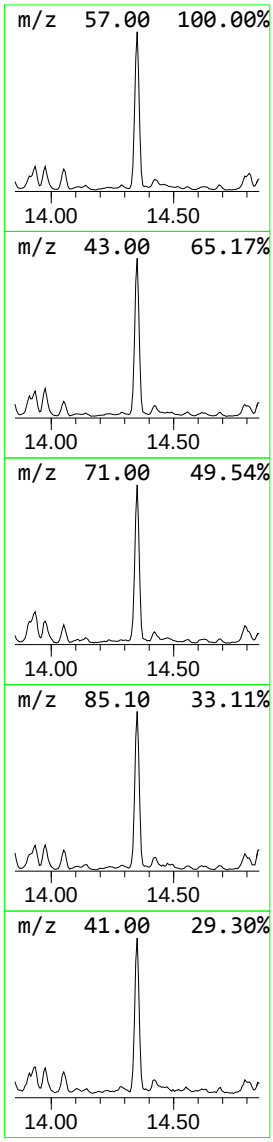
Peak Number 12 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.351	34.40 ng	1085970	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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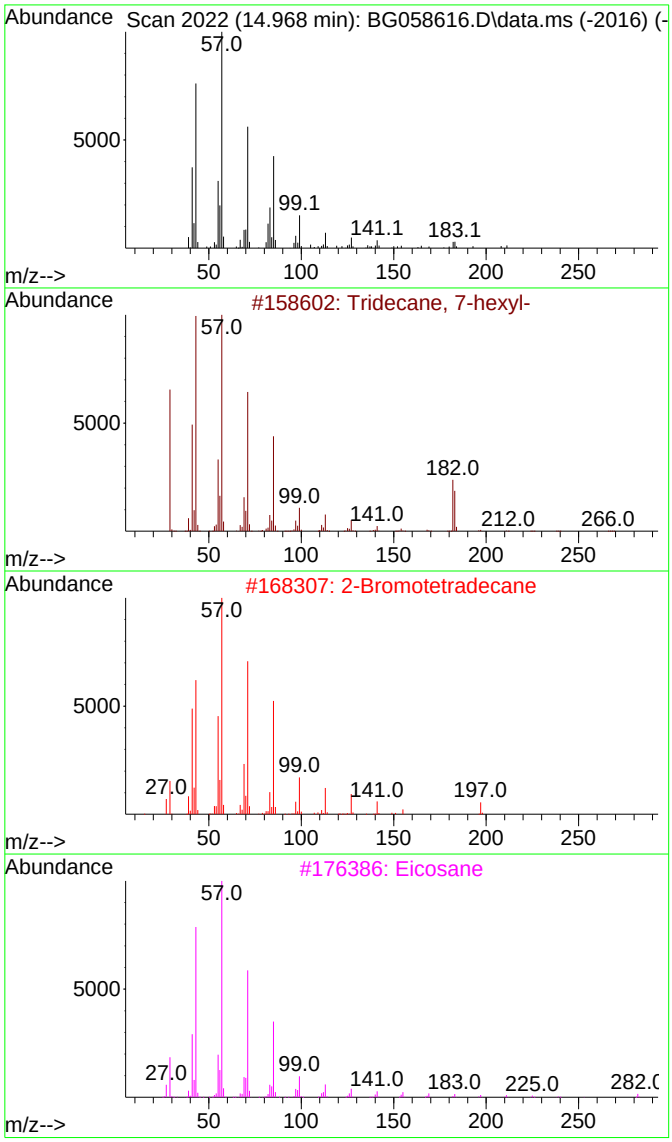
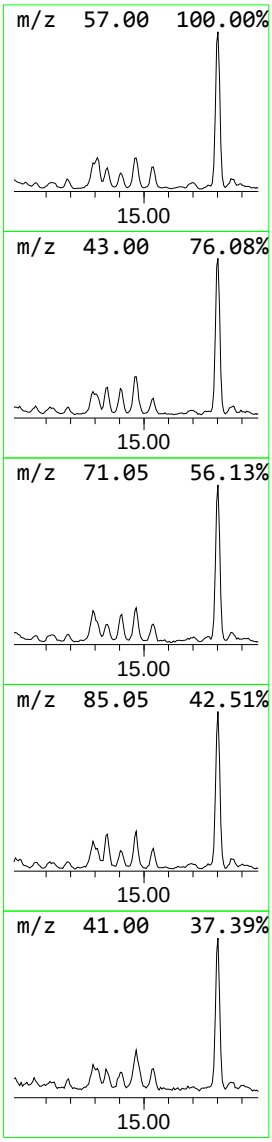
Peak Number 13 Tridecane, 7-hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.968	6.13 ng	193593	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Heptacosane	380	C27H56	000593-49-7	83
5	Tetracosane	338	C24H50	000646-31-1	83





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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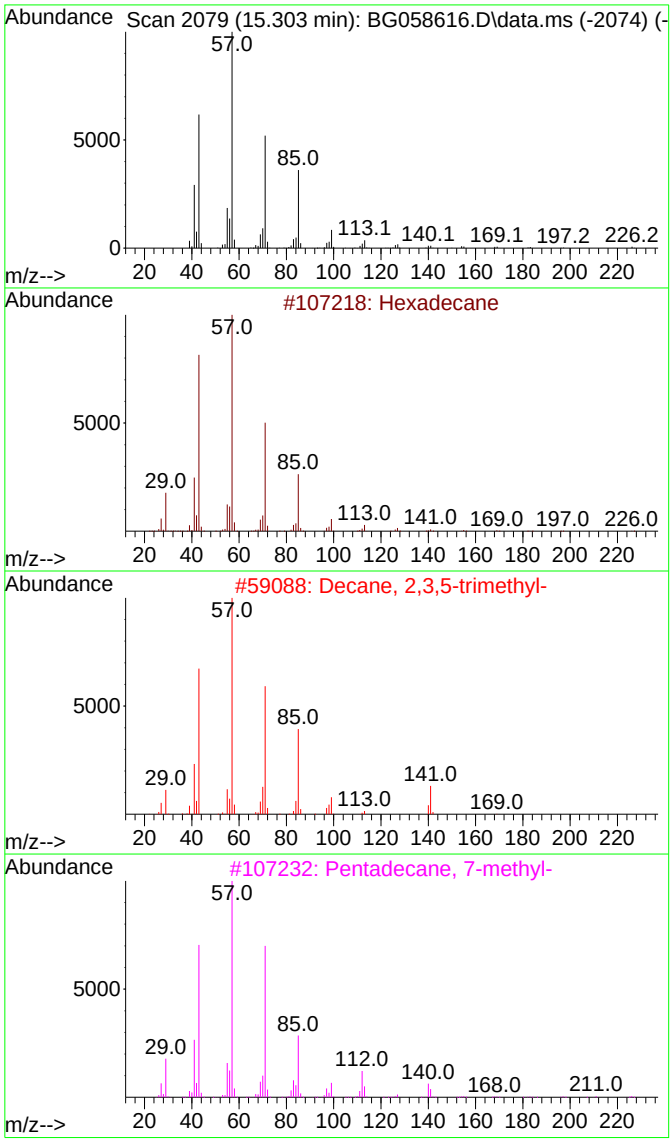
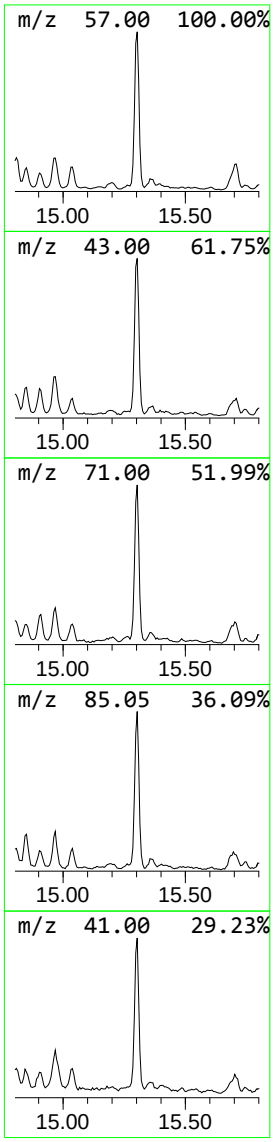
Peak Number 14 Decane, 2,3,5-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.303	17.64 ng	556925	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	74
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
B-P14B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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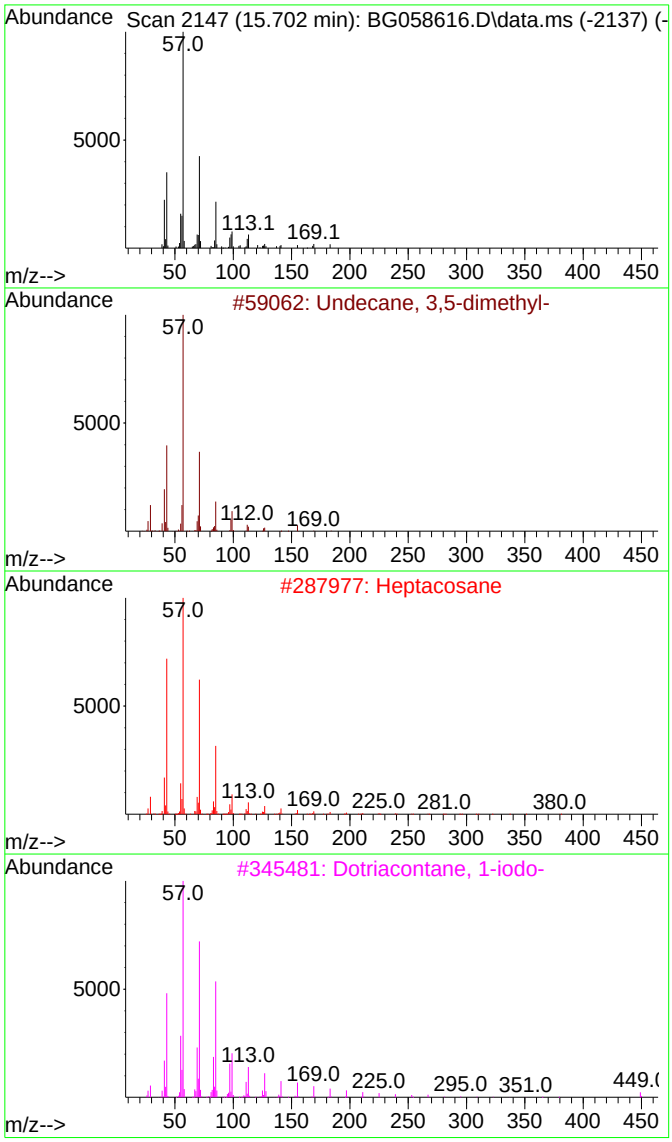
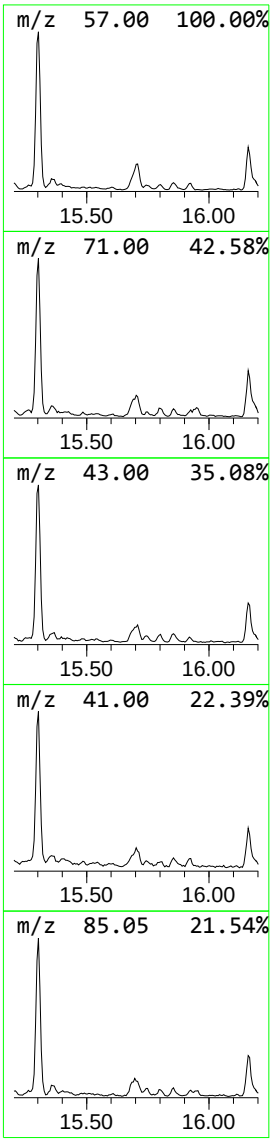
Peak Number 15 Undecane, 3,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.702	4.72 ng	149148	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
2	Heptacosane	380	C27H56	000593-49-7	72
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	72
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
5	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	64





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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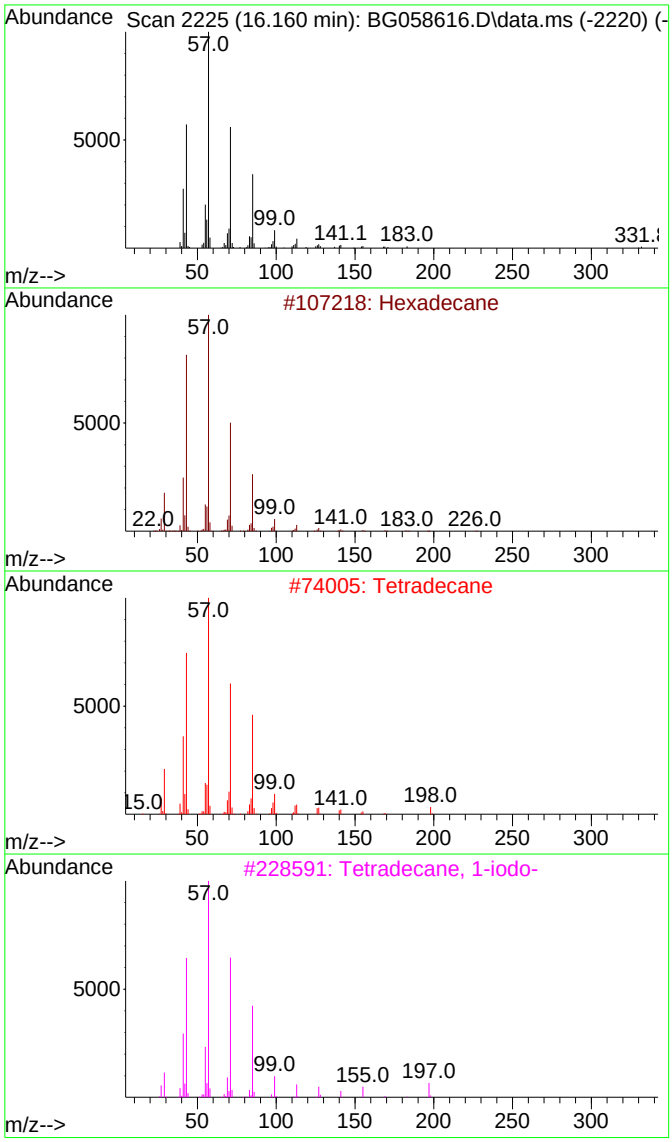
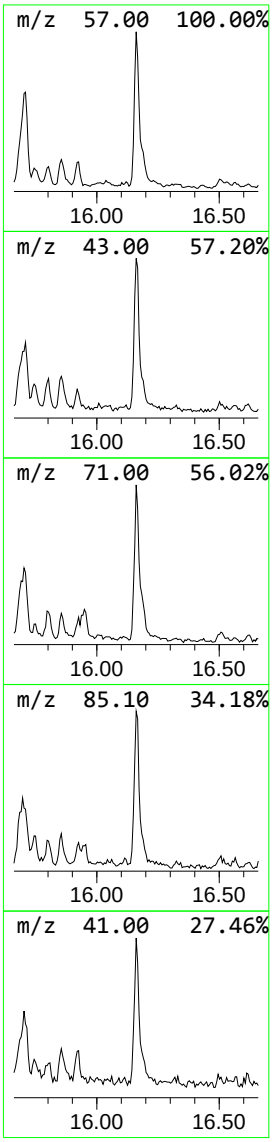
Peak Number 16 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.160	5.81 ng	201378	Phenanthrene-d10	17.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	83
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Tetratetracontane	619	C44H90	007098-22-8	64





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Sample : 03769-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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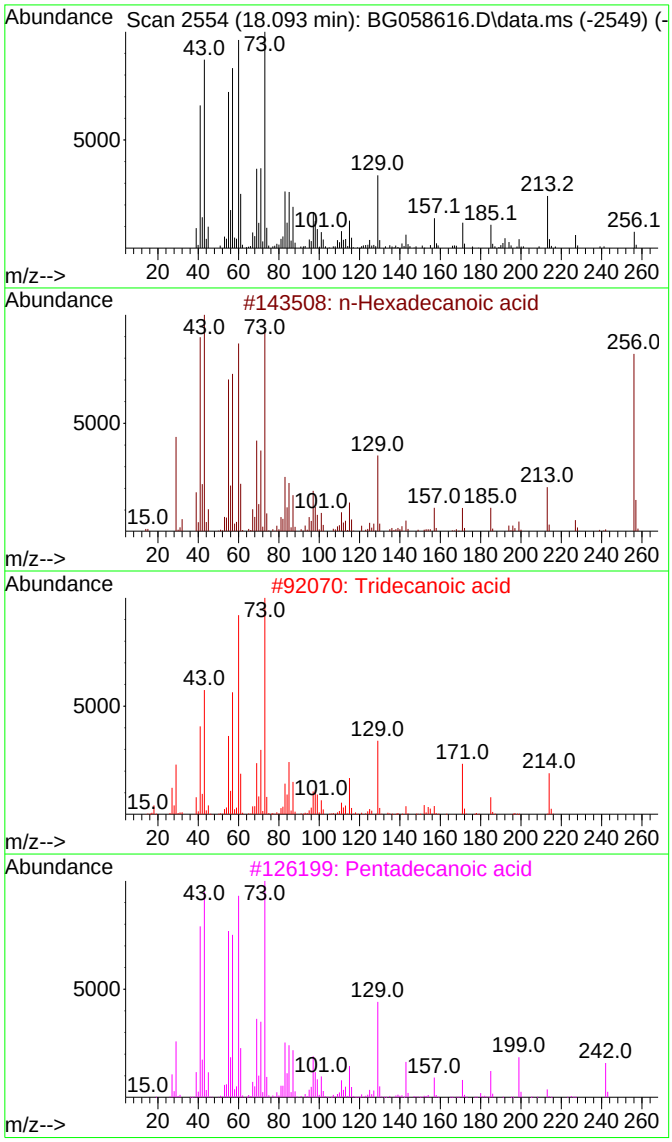
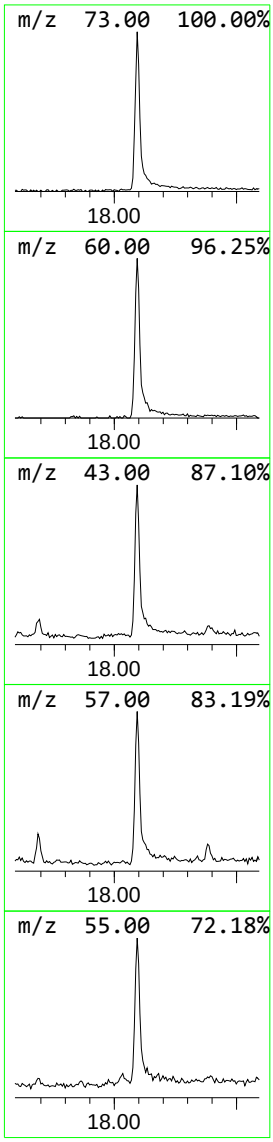
Peak Number 17 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.093	11.80 ng	409108	Phenanthrene-d10	17.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





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Acq On : 4 Aug 2023 18:12
Operator : MA/JU
Sample : 03769-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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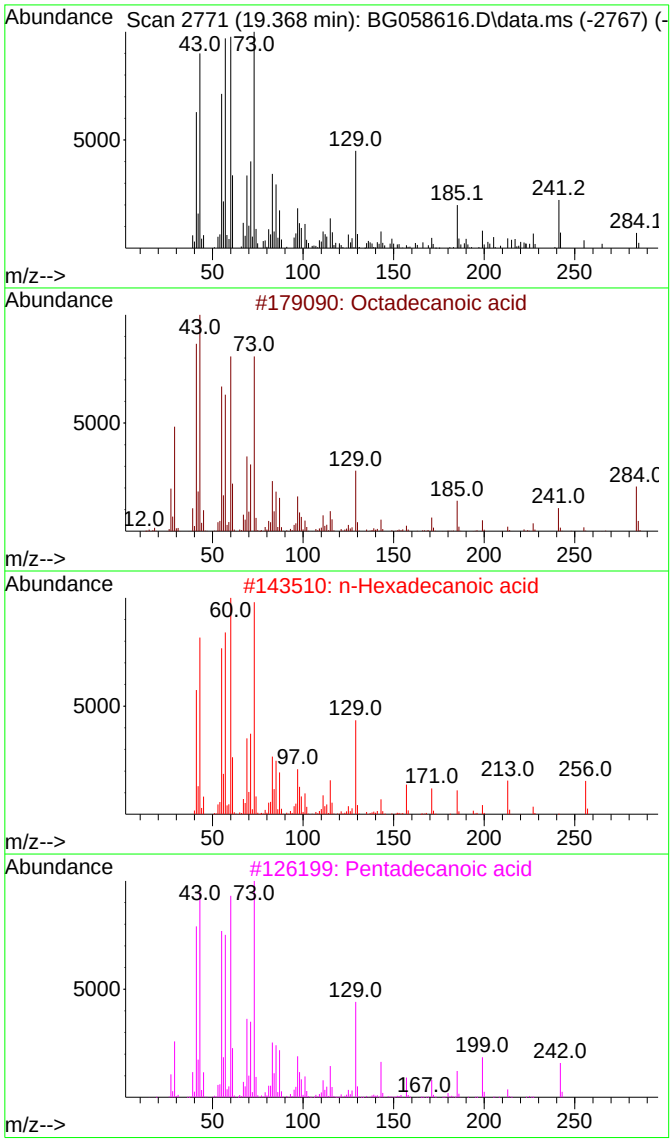
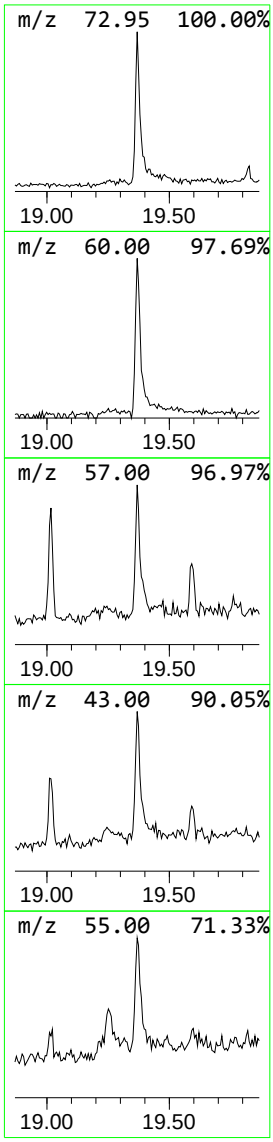
Peak Number 18 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.368	3.67 ng	152795	Chrysene-d12	21.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





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Acq On : 4 Aug 2023 18:12
Operator : MA/JU
Sample : 03769-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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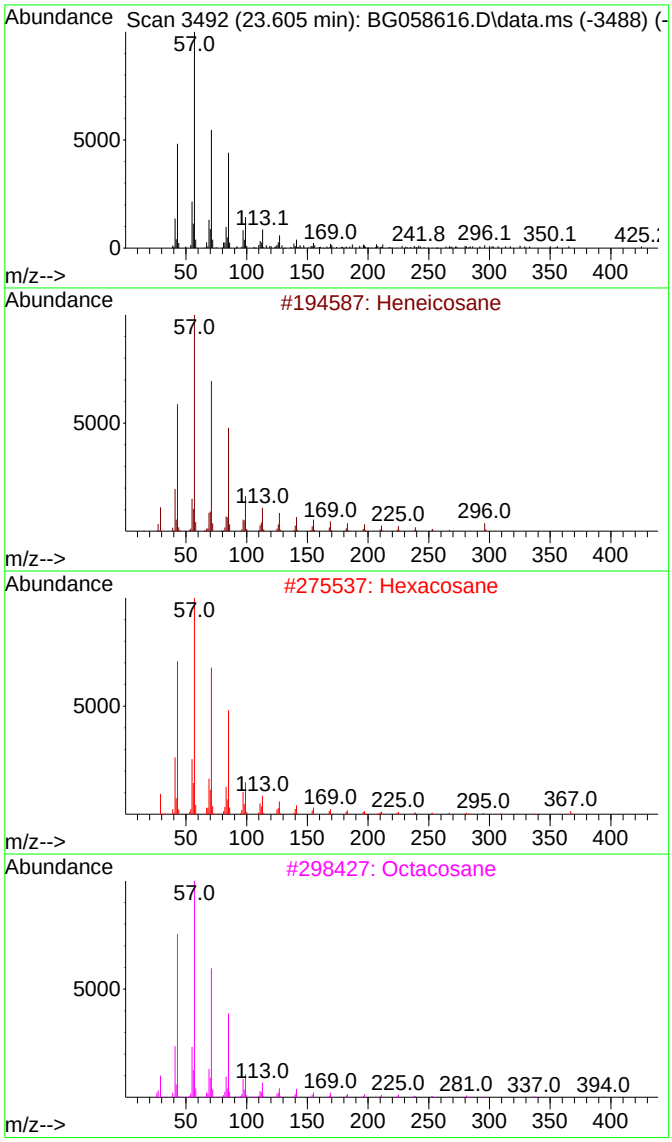
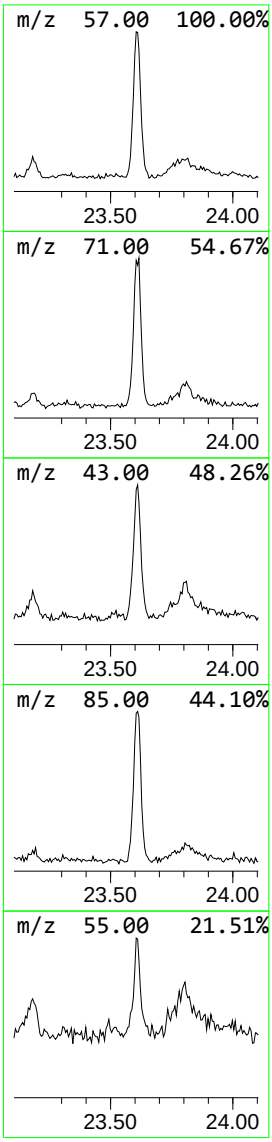
Peak Number 19 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.605	6.81 ng	264672	Perylene-d12	24.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octacosane	394	C28H58	000630-02-4	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80





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Data File : BG058616.D
Acq On : 4 Aug 2023 18:12
Operator : MA/JU
Sample : 03769-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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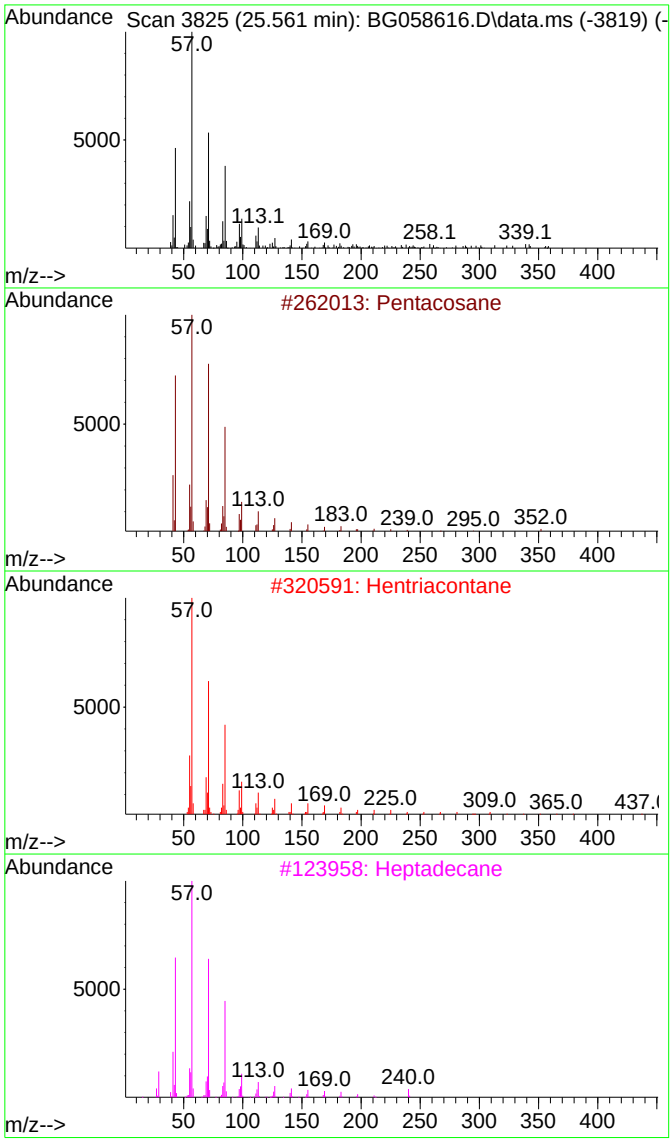
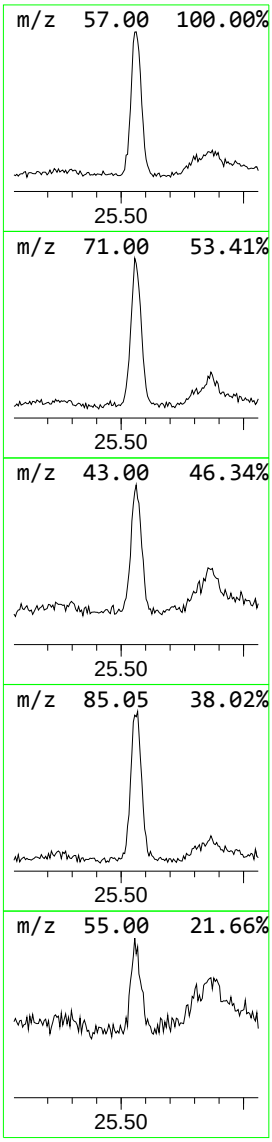
Peak Number 20 Pentacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.561	5.89 ng	228855	Perylene-d12	24.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Heptadecane	240	C17H36	000629-78-7	80
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
Data File : BG058616.D
Acq On : 4 Aug 2023 18:12
Operator : MA/JU
Sample : 03769-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
o-Cymene	8.916	8.6	ng	125351	1	7.811	290094	20.0
2-Methylindan-2-ol	9.163	3.5	ng	50439	1	7.811	290094	20.0
Benzene, 1,2,4,...	9.439	6.7	ng	167114	2	10.614	500940	20.0
Benzene, 1,2,3,...	9.498	11.2	ng	281200	2	10.614	500940	20.0
Benzene, (1-met...	10.009	9.8	ng	244496	2	10.614	500940	20.0
Benzene, 1-meth...	10.073	4.4	ng	109961	2	10.614	500940	20.0
Benzene, (1,1-d...	10.308	4.0	ng	99410	2	10.614	500940	20.0
Pentadecane	13.275	19.6	ng	620229	3	14.457	631447	20.0
Nonane, 3-methy...	13.804	6.3	ng	200086	3	14.457	631447	20.0
1-Iodo-2-methyl...	13.975	6.0	ng	190154	3	14.457	631447	20.0
Decane, 3,8-dim...	14.051	4.6	ng	144983	3	14.457	631447	20.0
Hexadecane	14.351	34.4	ng	1085970	3	14.457	631447	20.0
Tridecane, 7-he...	14.968	6.1	ng	193593	3	14.457	631447	20.0
Decane, 2,3,5-t...	15.303	17.6	ng	556925	3	14.457	631447	20.0
Undecane, 3,5-d...	15.702	4.7	ng	149148	3	14.457	631447	20.0
Tetradecane	16.160	5.8	ng	201378	4	17.206	693338	20.0
n-Hexadecanoic ...	18.093	11.8	ng	409108	4	17.206	693338	20.0
Octadecanoic acid	19.368	3.7	ng	152795	5	21.442	832328	20.0
Heneicosane	23.605	6.8	ng	264672	6	24.515	777212	20.0
Pentacosane	25.561	5.9	ng	228855	6	24.515	777212	20.0