LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049048.D
Acq On : 22 Jun 2021 16:33
Operator : CG/JU
Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

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-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049048.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.666	439	447	456	rBV	639370	1172138	5.62%	0.380%
2	7.264	712	719	726	rVV	860685	1601952	7.69%	0.520%
3	7.728	793	798	807	rVB2	655433	1168566	5.61%	0.379%
4	8.087	854	859	867	rVV2	529855	1034253	4.96%	0.336%
5	8.668	950	958	962	rBV3	281744	784958	3.77%	0.255%
6	8.762	968	974	980	rBV2	439436	1050351	5.04%	0.341%
7	9.232	1043	1054	1058	rBV2	639703	1566864	7.52%	0.508%
8	9.279	1058	1062	1066	rVV	412404	788933	3.78%	0.256%
9	9.350	1066	1074	1080	rVB	1674478	3211236	15.41%	1.042%
10	9.485	1085	1097	1103	rBV4	883805	2441011	11.71%	0.792%
11	9.767	1139	1145	1149	rVV3	419030	790695	3.79%	0.257%
12	9.855	1156	1160	1172	rVB2	651083	1366415	6.56%	0.443%
13	10.014	1178	1187	1191	rBV4	387579	953466	4.57%	0.309%
14	10.125	1199	1206	1212	rBV4	728835	1625579	7.80%	0.527%
15	10.278	1227	1232	1236	rBV3	677428	1173619	5.63%	0.381%
16	10.349	1236	1244	1249	rVV4	716382	2125146	10.20%	0.689%
17	10.396	1249	1252	1257	rVB2	474683	770161	3.69%	0.250%
18	10.460	1258	1263	1268	rBV	597242	1087423	5.22%	0.353%
19	10.572	1277	1282	1288	rVB3	577423	1160363	5.57%	0.376%
20	10.637	1288	1293	1301	rBV5	451371	1158401	5.56%	0.376%
21	10.719	1301	1307	1316	rBV5	509729	1065444	5.11%	0.346%
22	10.830	1317	1326	1333	rBV6	515044	1899626	9.11%	0.616%
23	10.913	1333	1340	1347	rBV2	3605450	6604516	31.68%	2.143%
24	11.101	1367	1372	1377	rVB	1344152	2427864	11.65%	0.788%
25	11.159	1377	1382	1389	rBV3	584874	1310615	6.29%	0.425%
26	11.359	1405	1416	1421	rBV5	567923	1844224	8.85%	0.598%
27	11.412	1421	1425	1435	rVB3	829838	2242122	10.76%	0.727%
28	11.524	1435	1444	1453	rBV4	641503	1714344	8.22%	0.556%
29	11.606	1454	1458	1460	rVV2	451961	728146	3.49%	0.236%
30	11.647	1460	1465	1471	rVV6	969658	2581253	12.38%	0.837%
31	11.706	1472	1475	1482	rVB2	595789	1178298	5.65%	0.382%
32	11.776	1482	1487	1494	rBV5	993781	1866470	8.95%	0.606%
33	11.859	1494	1501	1507	rBV3	1365838	2691710	12.91%	0.873%
34	11.964	1513	1519	1523	rBV	1780899	3272765	15.70%	1.062%
35	12.047	1530	1533	1539	rVB3	562567	977107	4.69%	0.317%
36	12.135	1542	1548	1555	rBV3	1605813	2982386	14.31%	0.968%

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Data File : BG049048.D
Acq On : 22 Jun 2021 16:33
Operator : CG/JU
Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

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-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.364	1577	1587	1593	rBV	5079281	9690921	46.49%	3.144%
38	12.487	1602	1608	1613	rVB5	1284023	2283339	10.95%	0.741%
39	12.575	1617	1623	1630	rVB4	882037	2147163	10.30%	0.697%
40	12.799	1657	1661	1664	rBV4	445015	768234	3.69%	0.249%
41	12.852	1664	1670	1675	rVV	2328079	4263850	20.46%	1.383%
42	12.928	1680	1683	1686	rVV2	575242	739099	3.55%	0.240%
43	12.981	1688	1692	1696	rVV4	1165591	1753039	8.41%	0.569%
44	13.028	1696	1700	1707	rVB6	647776	1272289	6.10%	0.413%
45	13.092	1707	1711	1719	rBV5	1088886	2646342	12.70%	0.859%
46	13.157	1719	1722	1733	rVB3	1751760	2854486	13.69%	0.926%
47	13.251	1733	1738	1743	rBV4	1319585	2278267	10.93%	0.739%
48	13.310	1743	1748	1753	rVB2	2473350	4124154	19.79%	1.338%
49	13.474	1772	1776	1782	rVB4	692113	1085380	5.21%	0.352%
50	13.604	1790	1798	1803	rVB	6976967	12442203	59.69%	4.037%
51	13.715	1808	1817	1821	rVV2	1968346	4822143	23.13%	1.565%
52	13.756	1821	1824	1829	rVB4	970713	1430750	6.86%	0.464%
53	13.927	1849	1853	1858	rBV	852131	1300285	6.24%	0.422%
54	14.056	1869	1875	1879	rBV5	1087044	2591078	12.43%	0.841%
55	14.226	1896	1904	1905	rBV6	1983128	3417332	16.39%	1.109%
56	14.285	1911	1914	1919	rVB2	2625840	3541685	16.99%	1.149%
57	14.356	1922	1926	1932	rVB3	2188353	4112914	19.73%	1.334%
58	14.673	1973	1980	1985	rBV	8853378	14682752	70.44%	4.764%
59	14.738	1987	1991	2003	rVV6	1301654	3324456	15.95%	1.079%
60	14.984	2028	2033	2040	rVB4	1002466	2323162	11.15%	0.754%
61	15.102	2048	2053	2054	rBV2	1203684	1698359	8.15%	0.551%
62	15.161	2060	2063	2069	rVB3	1300734	1866351	8.95%	0.606%
63	15.278	2079	2083	2090	rVB4	2188567	3576714	17.16%	1.160%
64	15.343	2092	2094	2098	rVB	1077866	1212264	5.82%	0.393%
65	15.390	2098	2102	2104	rBV3	906005	1389133	6.66%	0.451%
66	15.496	2116	2120	2128	rVB7	904822	1997174	9.58%	0.648%
67	15.625	2129	2142	2146	rBV	9727538	17487313	83.89%	5.674%
68	15.713	2154	2157	2166	rVB6	994126	2092146	10.04%	0.679%
69	15.848	2177	2180	2186	rBV5	781605	1636556	7.85%	0.531%
70	16.024	2200	2210	2214	rBV	3730750	8009806	38.43%	2.599%
71	16.112	2221	2225	2230	rVB3	1359018	2048744	9.83%	0.665%
72	16.165	2231	2234	2240	rBV3	1263637	2389436	11.46%	0.775%
73	16.230	2241	2245	2249	rBV	1835643	2723739	13.07%	0.884%
74	16.488	2282	2289	2305	rBV	10177603	20844511	100.00%	6.763%
75	16.818	2340	2345	2348	rBV	1343885	2180743	10.46%	0.708%
76	16.876	2352	2355	2360	rVB3	2239727	3106591	14.90%	1.008%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049048.D
Acq On : 22 Jun 2021 16:33
Operator : CG/JU
Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

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-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.929	2361	2364	2368	rBV	946706	1282754	6.15%	0.416%
78	16.982	2370	2373	2377	rVB	1077507	1305576	6.26%	0.424%
79	17.047	2381	2384	2387	rVB2	861558	998511	4.79%	0.324%
80	17.282	2417	2424	2427	rBV	8662192	13666190	65.56%	4.434%
81	17.329	2427	2432	2442	rVB	4783165	8517854	40.86%	2.764%
82	17.511	2460	2463	2468	rBV2	686970	1174019	5.63%	0.381%
83	17.740	2499	2502	2508	rVB2	1252156	2018831	9.69%	0.655%
84	17.805	2509	2513	2519	rBV2	1306946	2173997	10.43%	0.705%
85	17.928	2530	2534	2542	rBV3	1060438	1771421	8.50%	0.575%
86	18.016	2543	2549	2553	rVB	8339043	12084425	57.97%	3.921%
87	18.286	2591	2595	2603	rVB4	904943	1976015	9.48%	0.641%
88	18.398	2611	2614	2618	rBV2	637068	876161	4.20%	0.284%
89	18.445	2619	2622	2627	rVB2	919084	1170474	5.62%	0.380%
90	18.510	2629	2633	2635	rBV	779214	965624	4.63%	0.313%
91	18.704	2660	2666	2670	rBV	6975149	9619555	46.15%	3.121%
92	18.939	2703	2706	2710	rBV2	544804	945958	4.54%	0.307%
93	19.150	2739	2742	2746	rVB	901119	1097655	5.27%	0.356%
94	19.320	2766	2771	2775	rVB	5587260	7346211	35.24%	2.383%
95	19.890	2863	2868	2873	rBV	3807545	4438155	21.29%	1.440%
96	20.114	2902	2906	2911	rVB	1627866	2264997	10.87%	0.735%
97	20.413	2953	2957	2962	rVB	2288159	2811767	13.49%	0.912%
98	20.913	3037	3042	3046	rBV	1329565	1564368	7.50%	0.508%
99	21.430	3125	3130	3135	rVB	609564	848152	4.07%	0.275%
100	21.794	3187	3192	3204	rVB2	370834	725926	3.48%	0.236%

Sum of corrected areas: 308217919

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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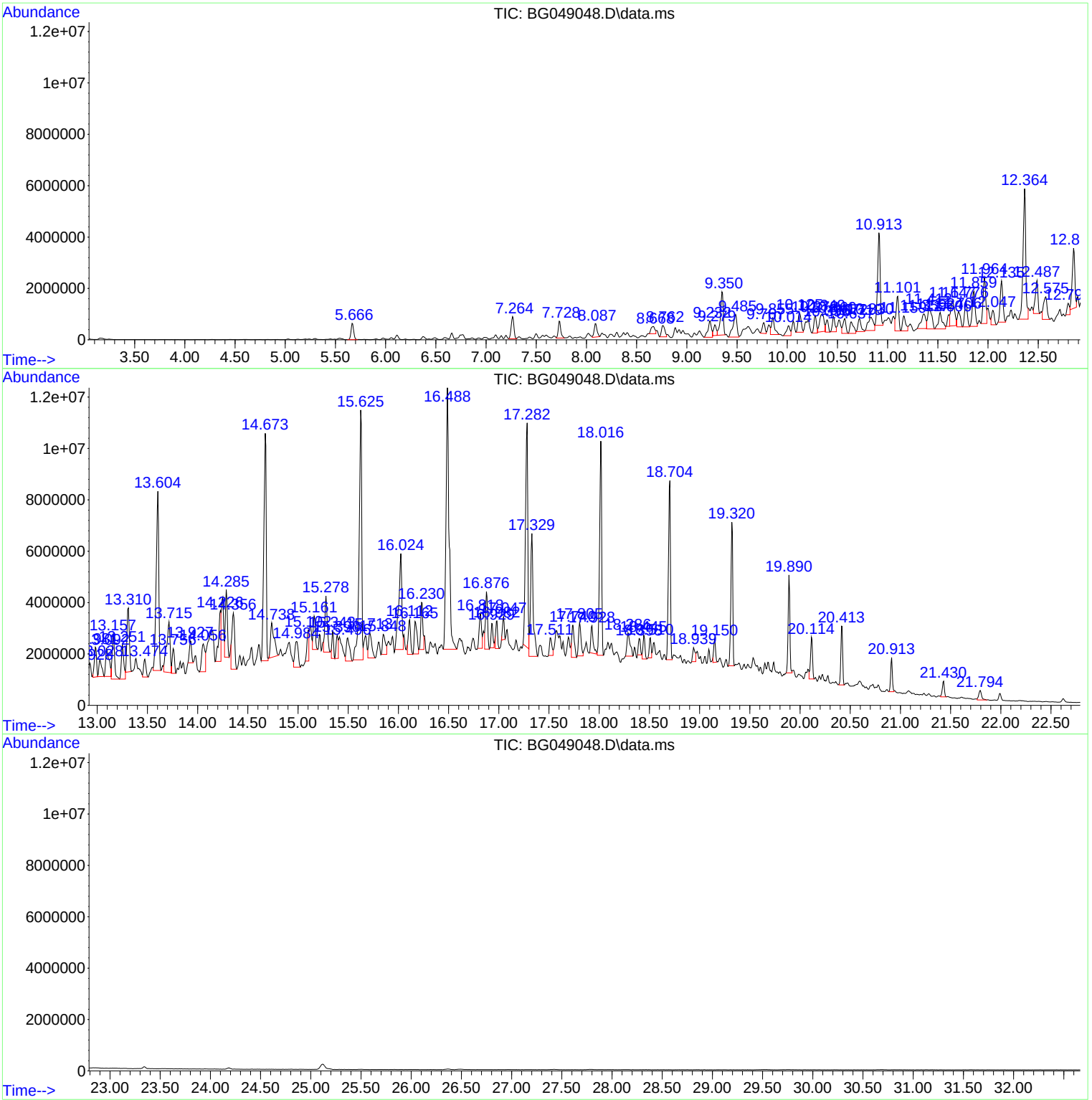
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
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Misc :
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Instrument : BNA_G
ClientSampleId : X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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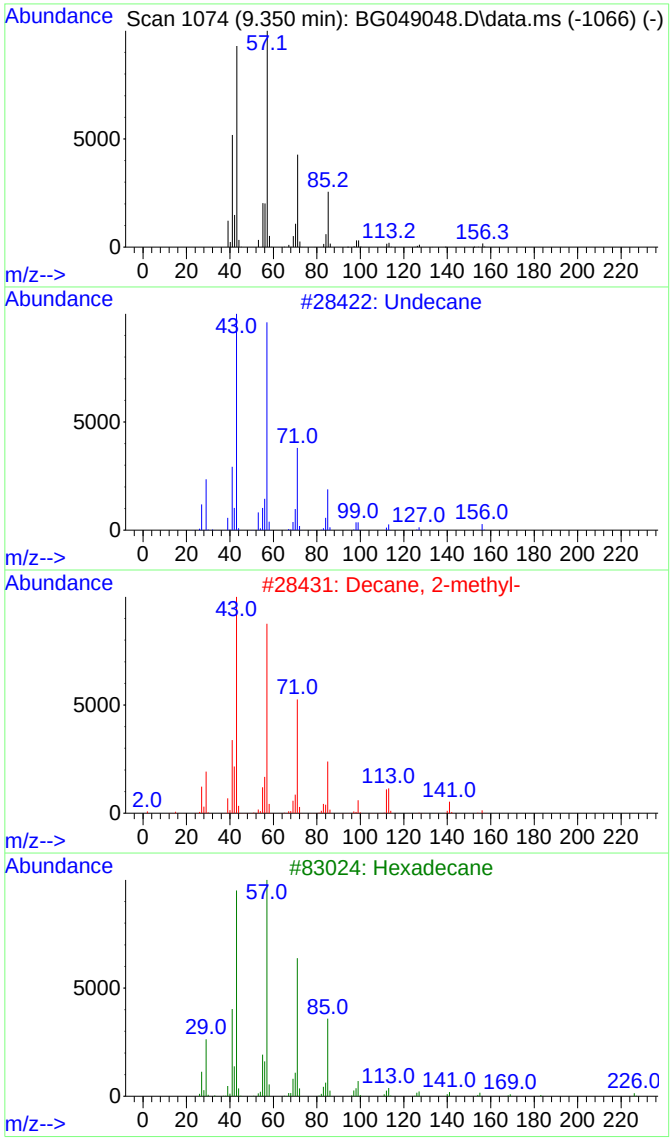
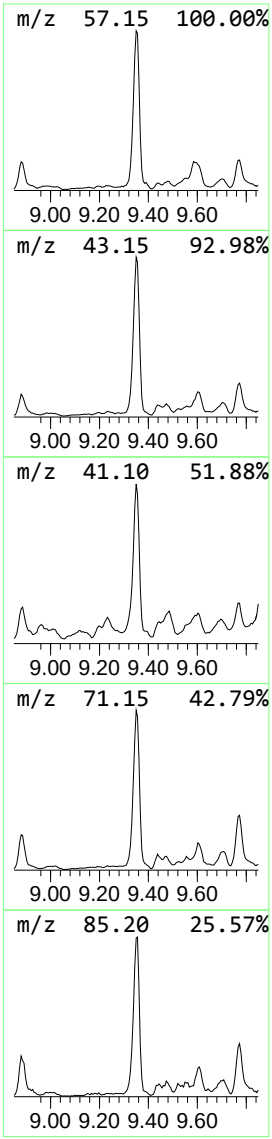
****

Peak Number 1 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.350	62.10 ng	3211240	1,4-Dichlorobenzene-d4	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Decane, 2-methyl-	156	C11H24	006975-98-0	80
3	Hexadecane	226	C16H34	000544-76-3	78
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049048.D
Acq On : 22 Jun 2021 16:33
Operator : CG/JU
Sample : M2777-02
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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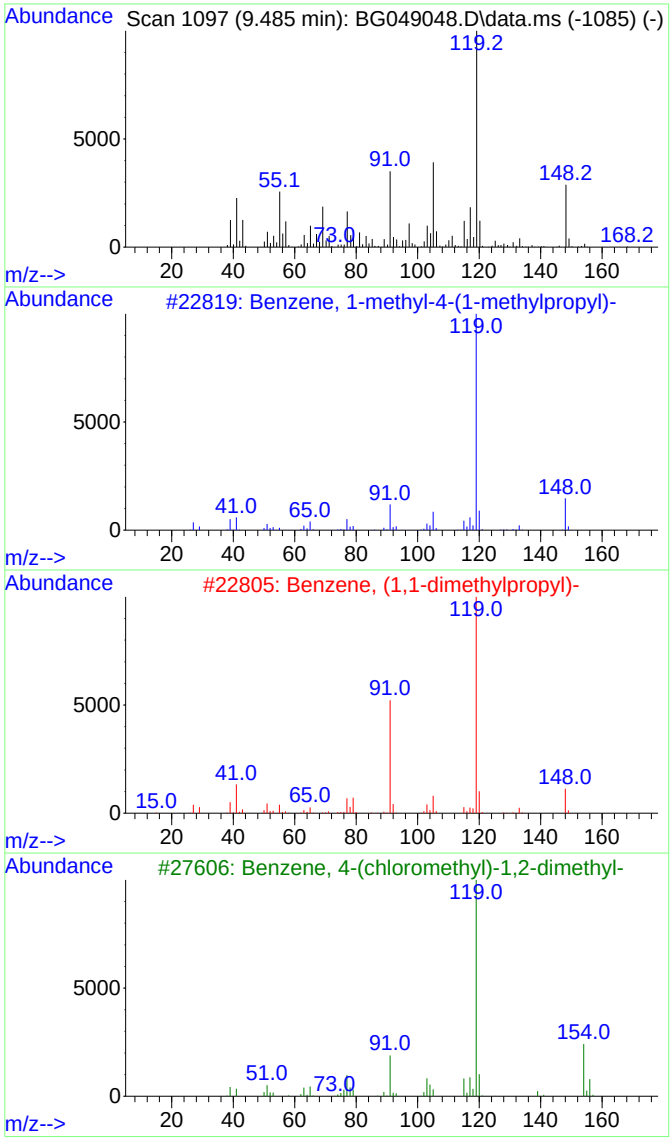
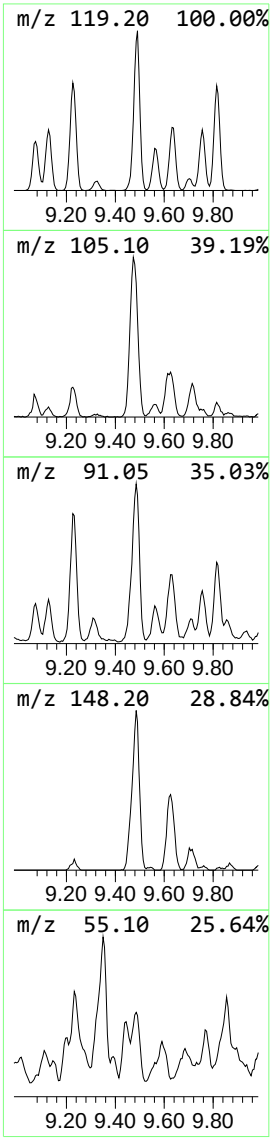
****
Peak Number 2 Benzene, 1-methyl-4-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.485	47.20 ng	2441010	1,4-Dichlorobenzene-d4	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	83
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
3	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	62
4	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	62
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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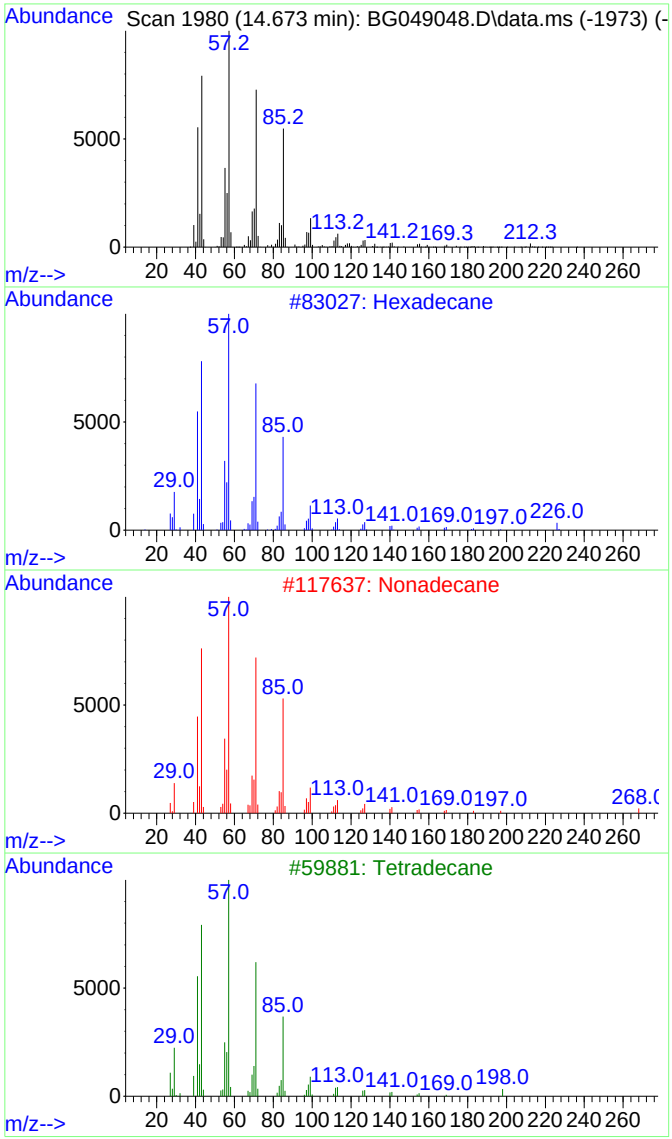
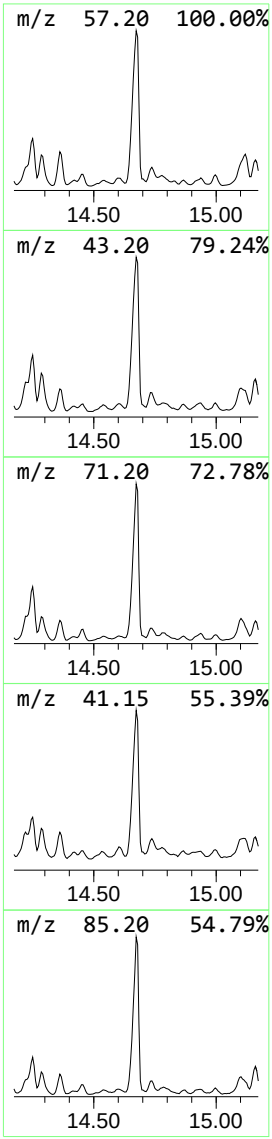
Peak Number 3 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.673	88.33 ng	14682800	Acenaphthene-d10	14.767

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049048.D
Acq On : 22 Jun 2021 16:33
Operator : CG/JU
Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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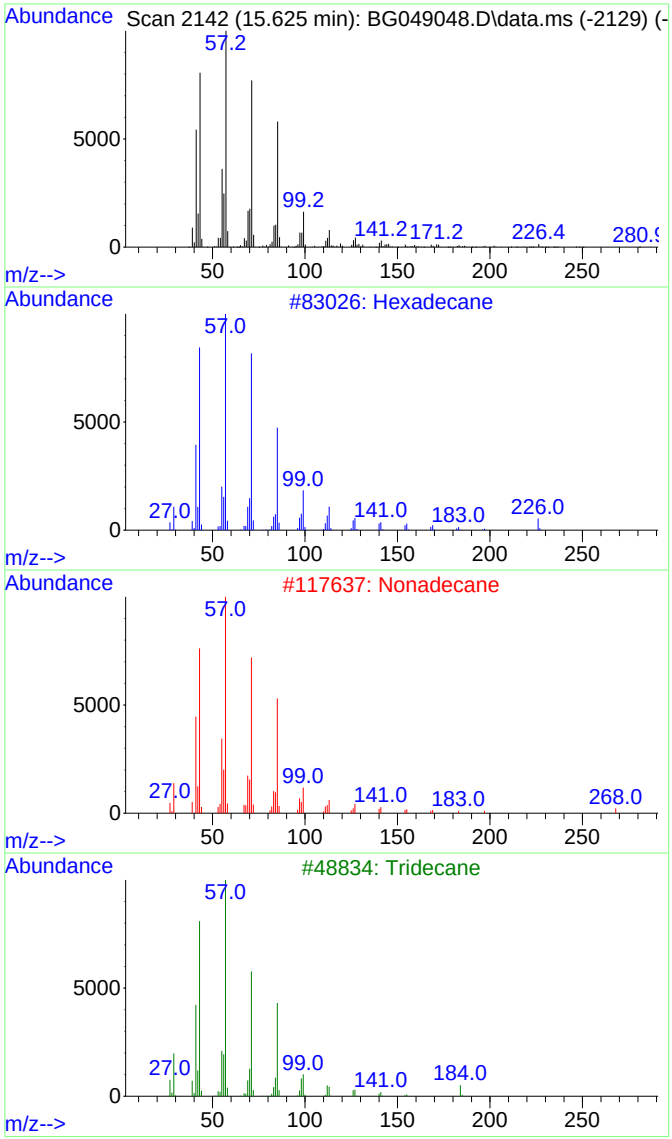
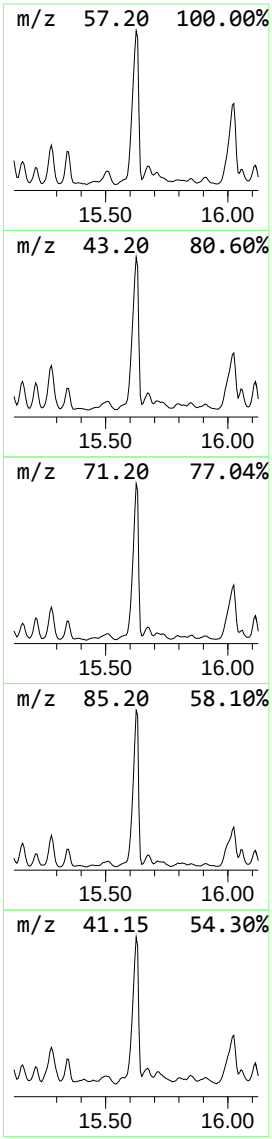
Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.625	105.20 ng	17487300	Acenaphthene-d10	14.767

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Dodecane	170	C12H26	000112-40-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049048.D
Acq On : 22 Jun 2021 16:33
Operator : CG/JU
Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

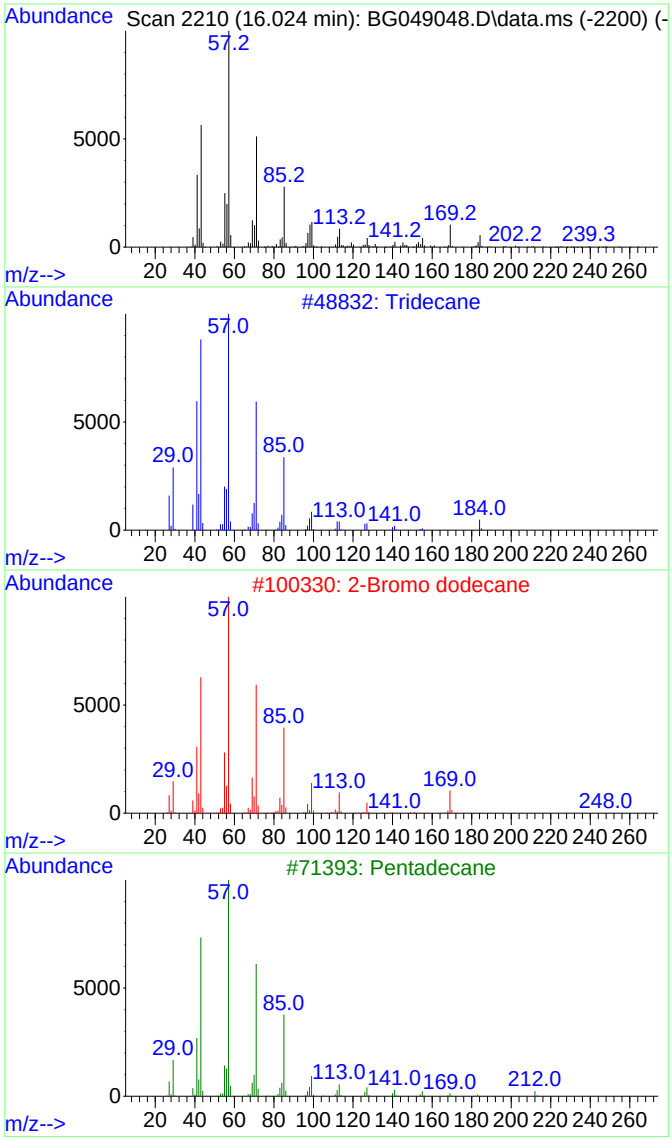
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

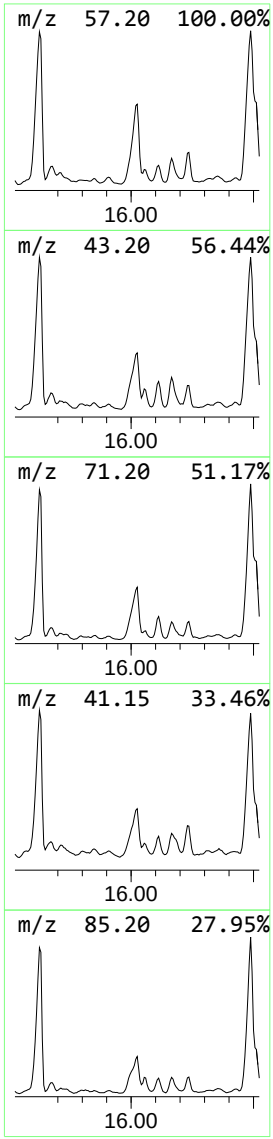
****

Peak Number 5 2-Bromo dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.024	48.19 ng	8009810	Acenaphthene-d10	14.767

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	68
3	Pentadecane	212	C15H32	000629-62-9	64
4	Heneicosane	296	C21H44	000629-94-7	64
5	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	62





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Acq On : 22 Jun 2021 16:33
Operator : CG/JU
Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

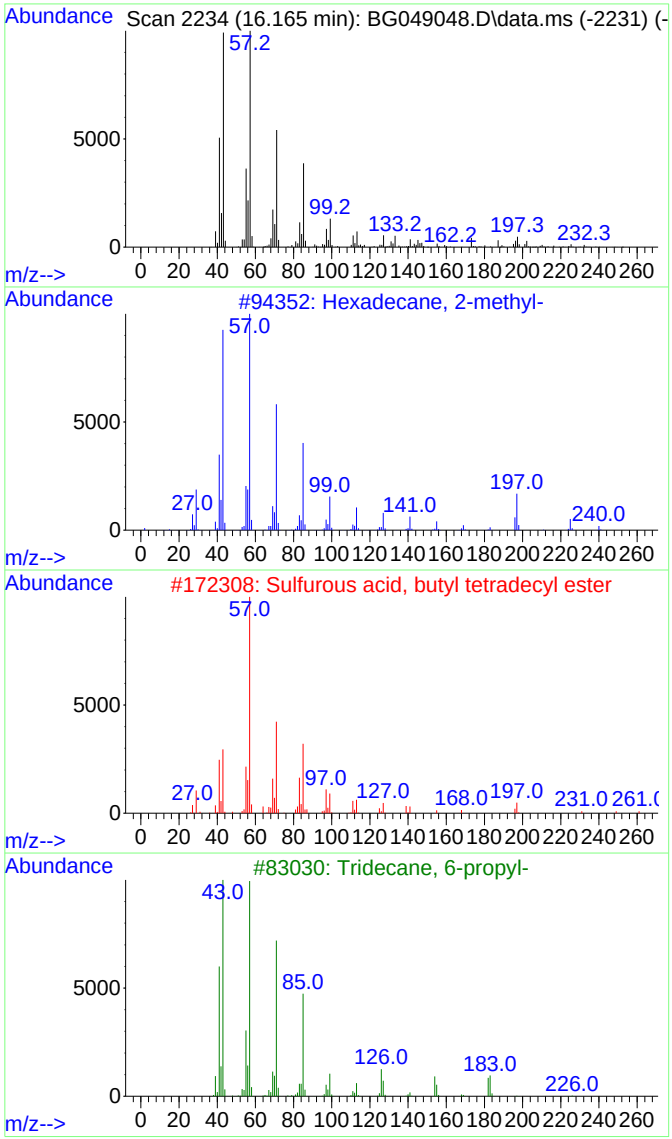
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

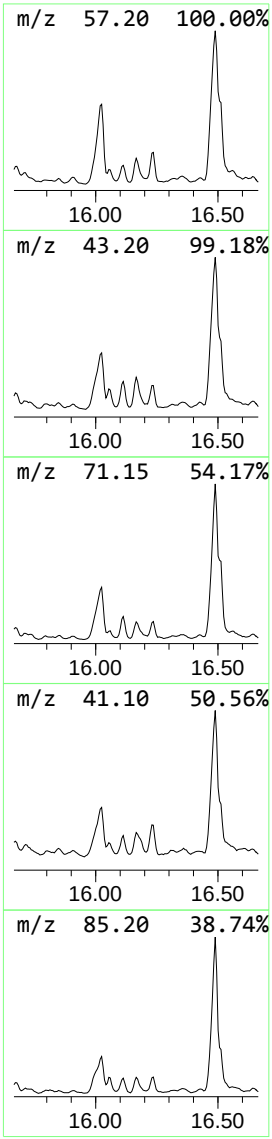
****

Peak Number 6 Hexadecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.165	40.71 ng	2389440	Phenanthrene-d10	17.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	97
2	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	89
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
5	Dotriacontane	451	C32H66	000544-85-4	86





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Operator : CG/JU
Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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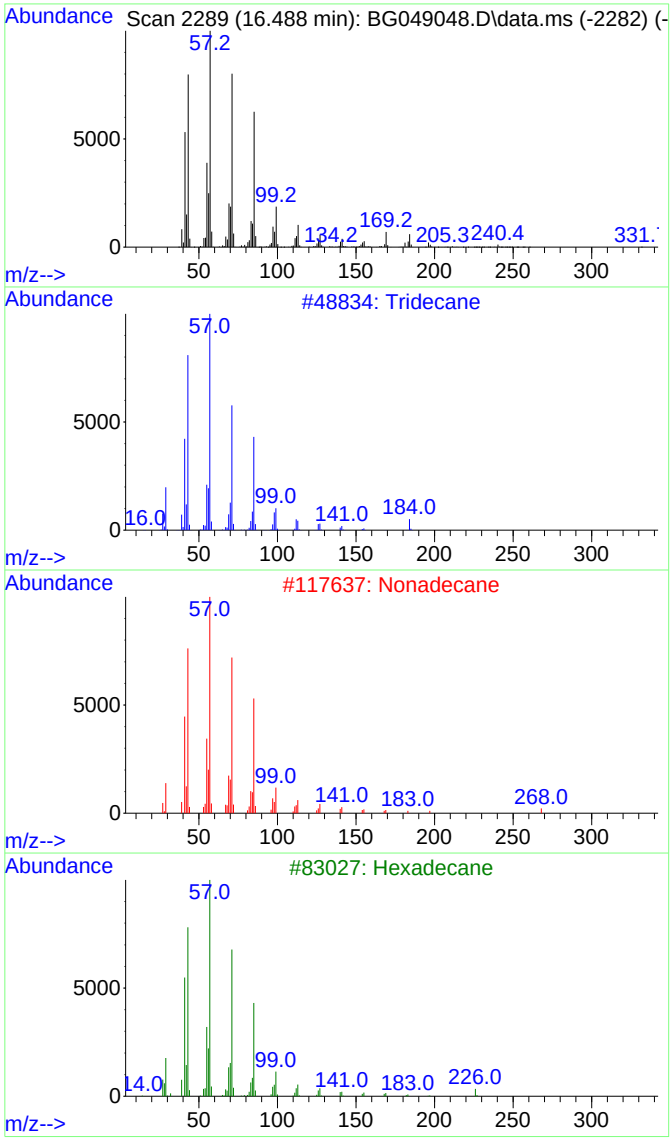
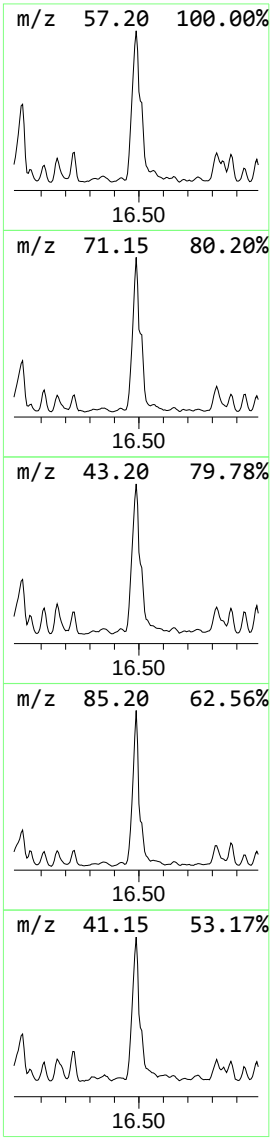
Peak Number 7 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.488	355.10 ng	20844500	Phenanthrene-d10	17.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heptadecane	240	C17H36	000629-78-7	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Operator : CG/JU
Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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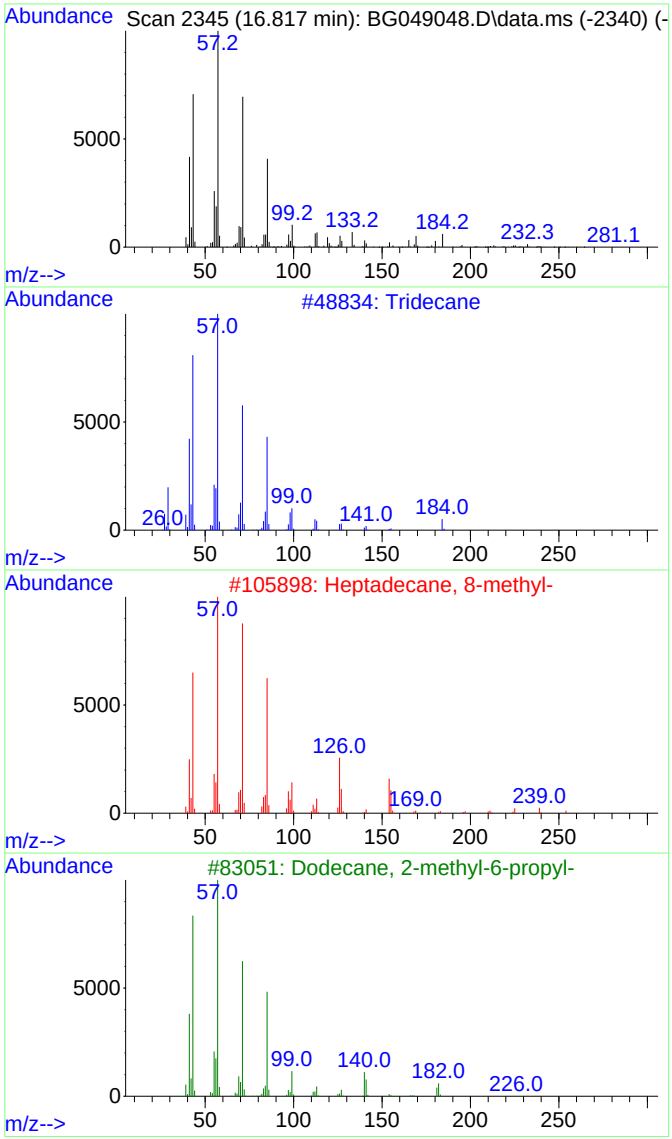
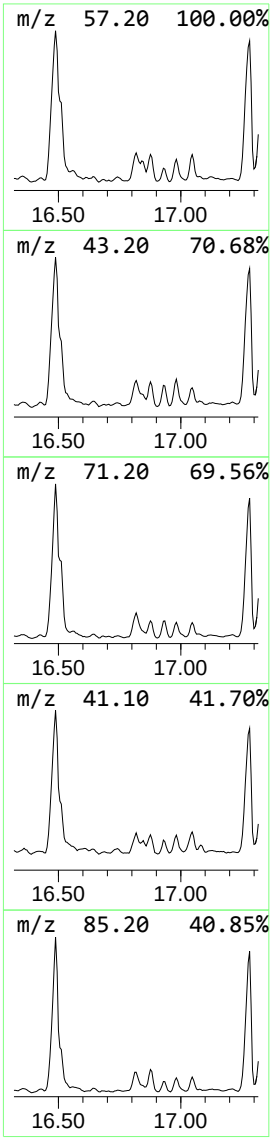
Peak Number 8 Heptadecane, 8-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.817	37.15 ng	2180740	Phenanthrene-d10	17.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
4	Tetracosane	338	C24H50	000646-31-1	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72





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Operator : CG/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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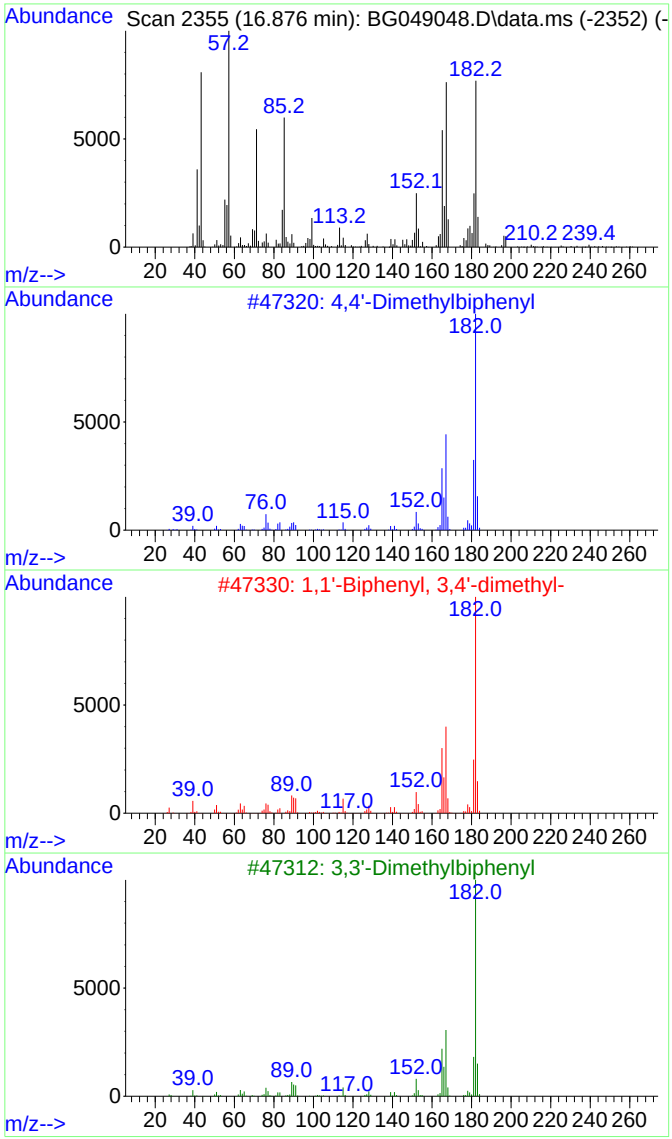
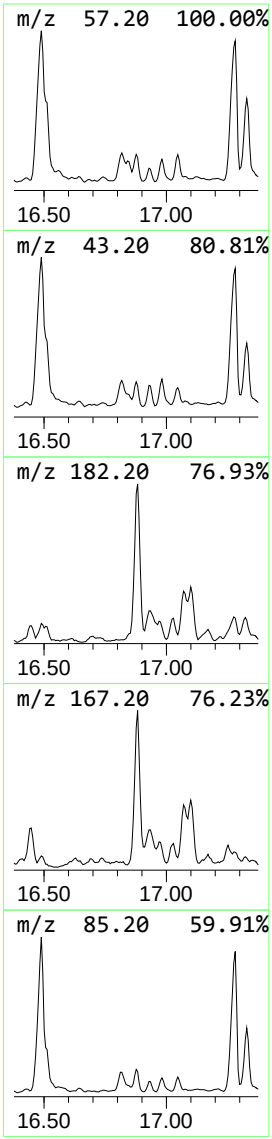
Peak Number 9 4,4'-Dimethylbiphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.876	52.92 ng	3106590	Phenanthrene-d10	17.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
2	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	62
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	58
4	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	58
5	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	55





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Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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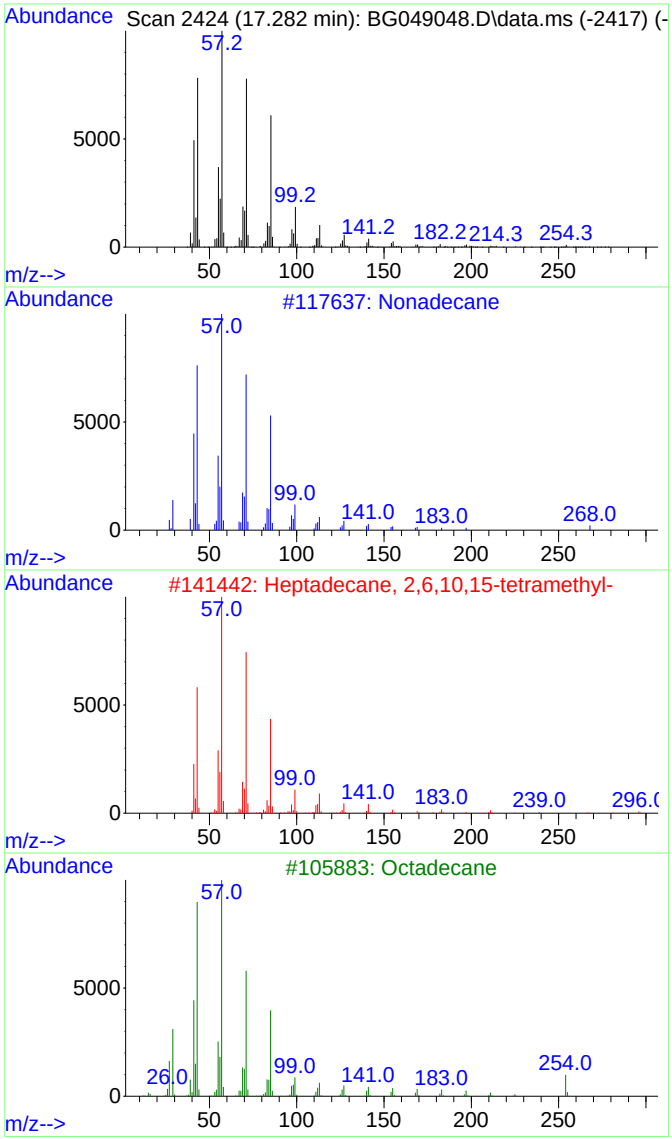
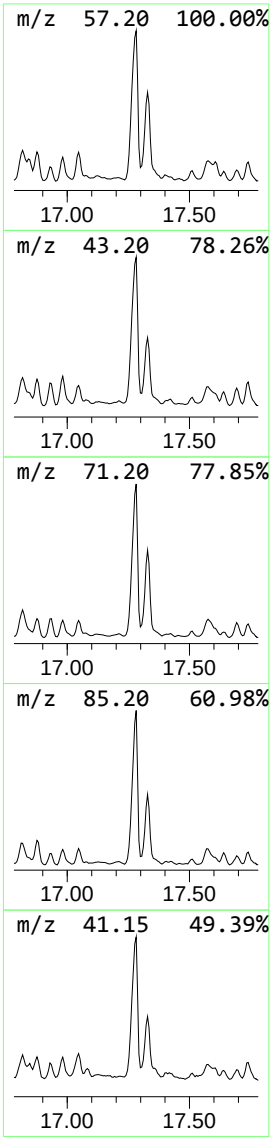
Peak Number 10 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.282	232.81 ng	13666200	Phenanthrene-d10	17.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	10-Methylnonadecane	282	C20H42	056862-62-5	90





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

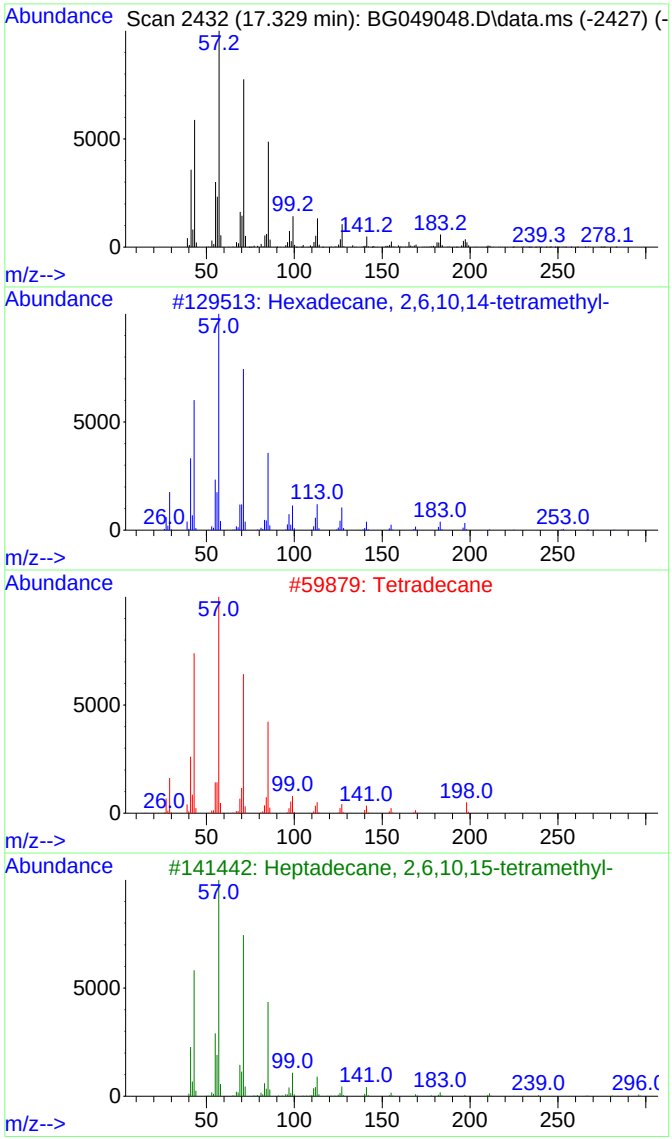
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

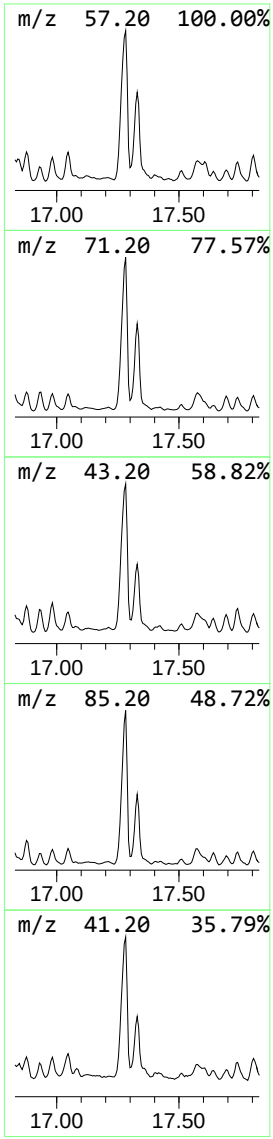
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.329	145.11 ng	8517850	Phenanthrene-d10	17.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	83
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	83





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Operator : CG/JU
Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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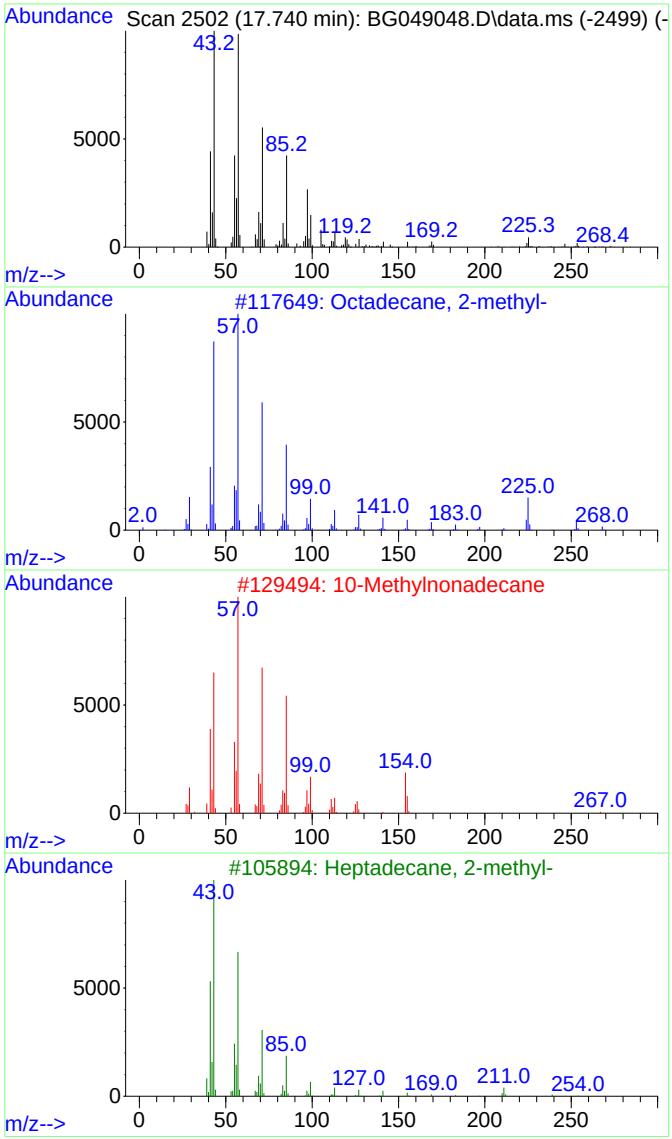
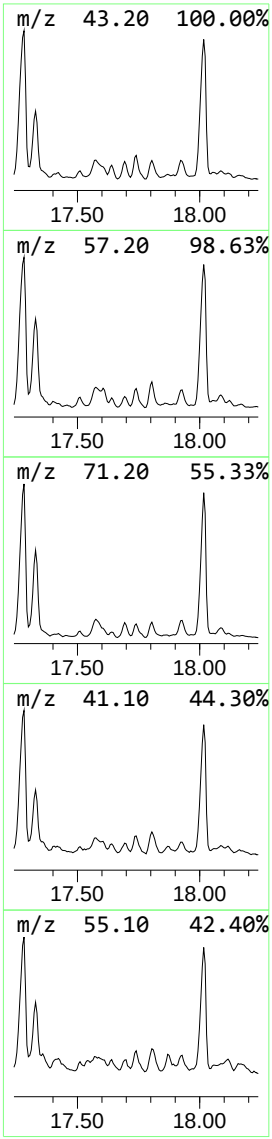
Peak Number 12 Octadecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.740	34.39 ng	2018830	Phenanthrene-d10	17.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2	10-Methylnonadecane	282	C20H42	056862-62-5	72
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	70
4	Octadecane	254	C18H38	000593-45-3	70
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	64





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Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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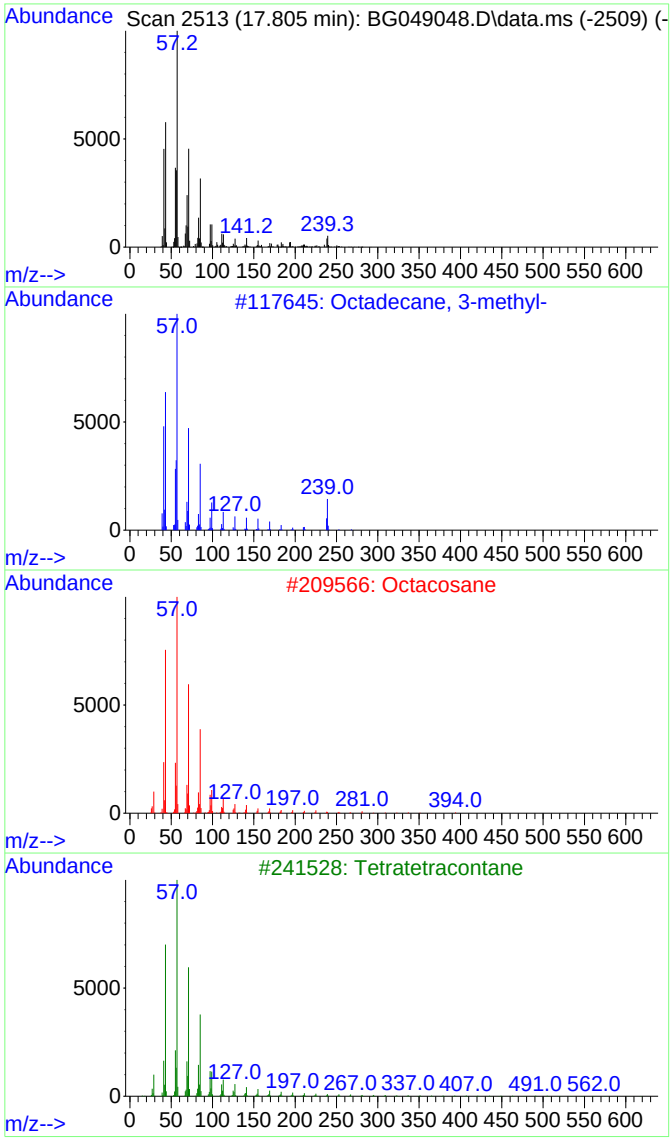
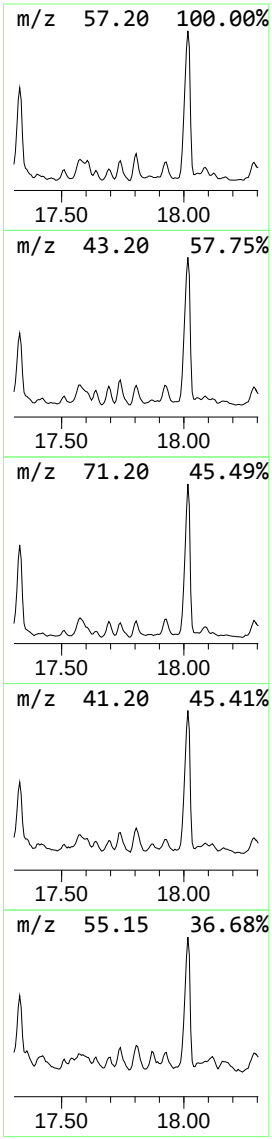
Peak Number 13 Octadecane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.805	37.04 ng	2174000	Phenanthrene-d10	17.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 3-methyl-	268	C19H40	006561-44-0	90
2	Octacosane	394	C28H58	000630-02-4	81
3	Tetratetracontane	619	C44H90	007098-22-8	81
4	Decane, 3-methyl-	156	C11H24	013151-34-3	76
5	Hexatriacontane	507	C36H74	000630-06-8	72





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Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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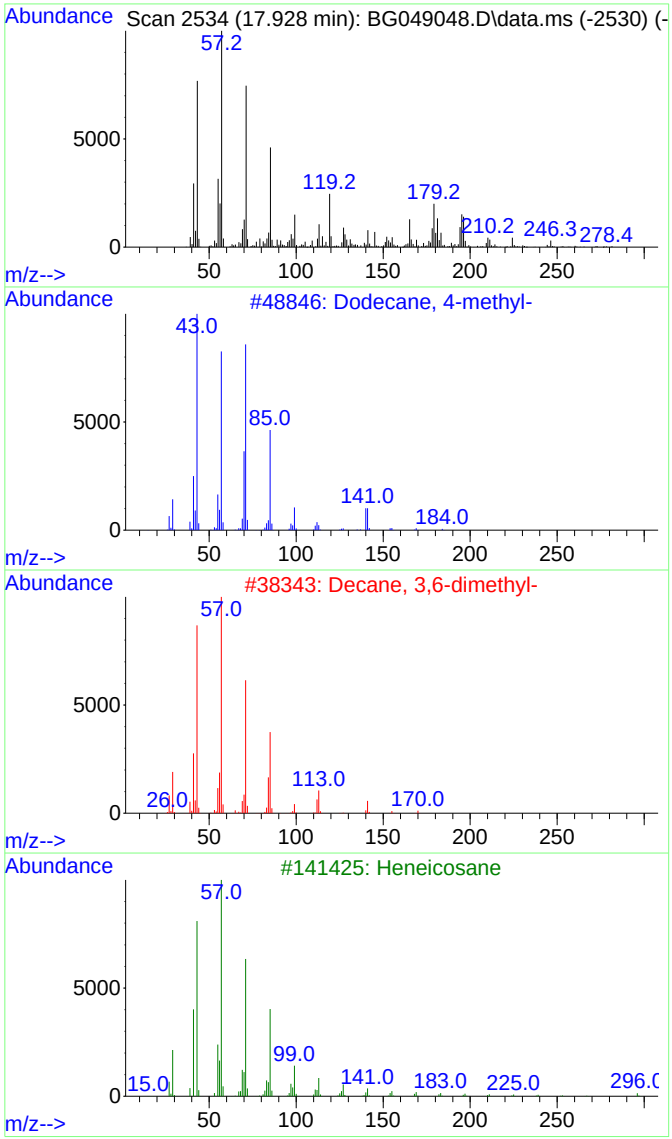
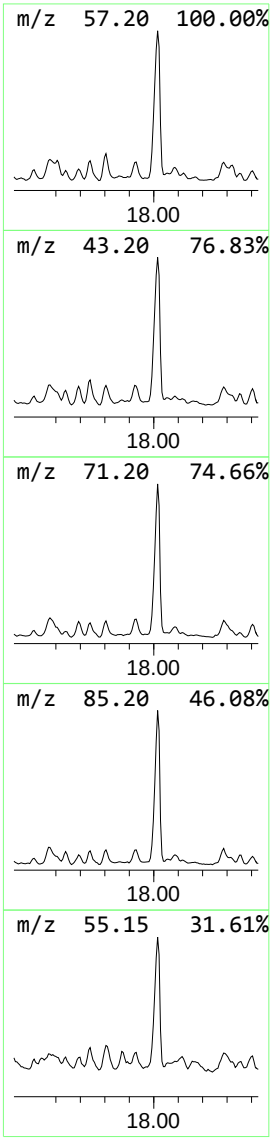
Peak Number 14 Dodecane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.928	30.18 ng	1771420	Phenanthrene-d10	17.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	55
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	55
3	Heneicosane	296	C21H44	000629-94-7	49
4	Octadecane	254	C18H38	000593-45-3	49
5	Decane, 2-methyl-	156	C11H24	006975-98-0	49





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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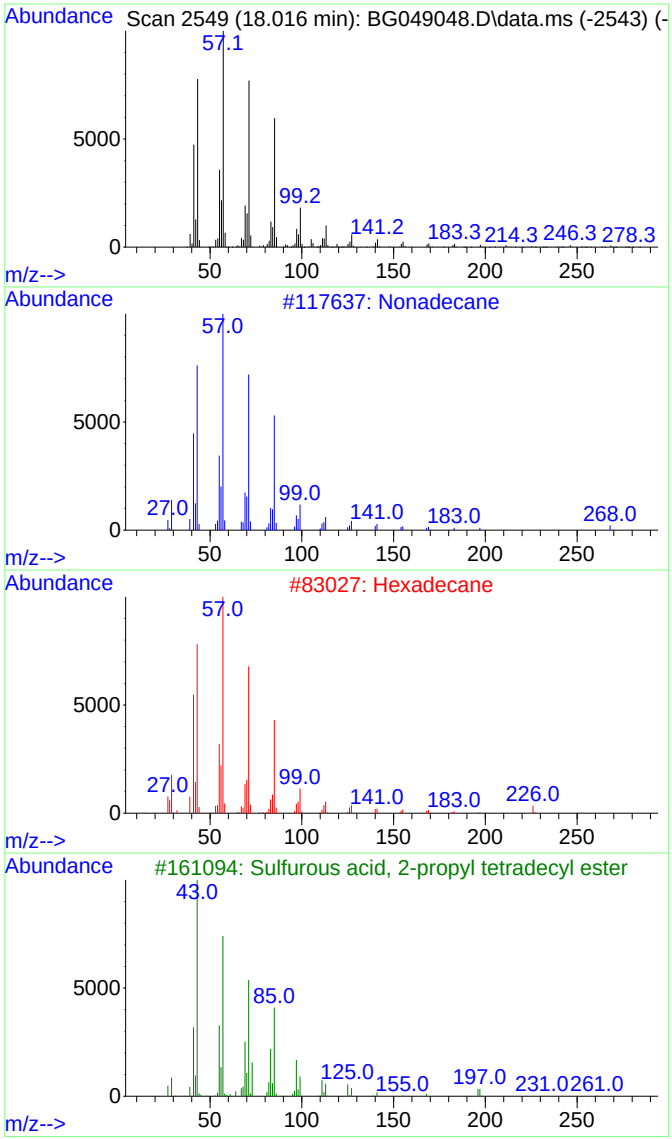
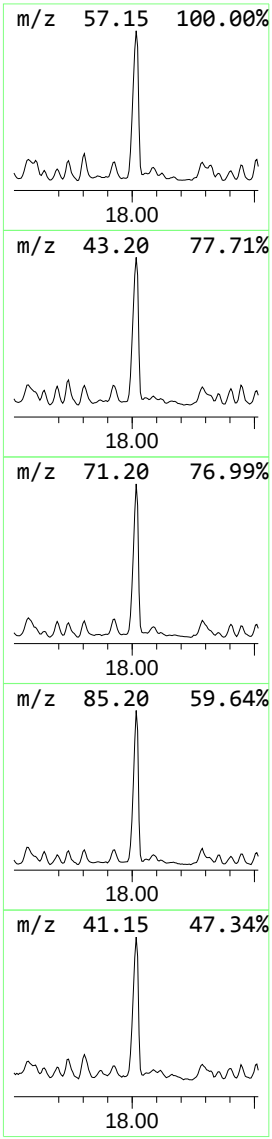
Peak Number 15 Sulfurous acid, 2-propyl te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	205.86 ng	12084400	Phenanthrene-d10	17.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
4	Octadecane	254	C18H38	000593-45-3	90
5	10-Methylnonadecane	282	C20H42	056862-62-5	87





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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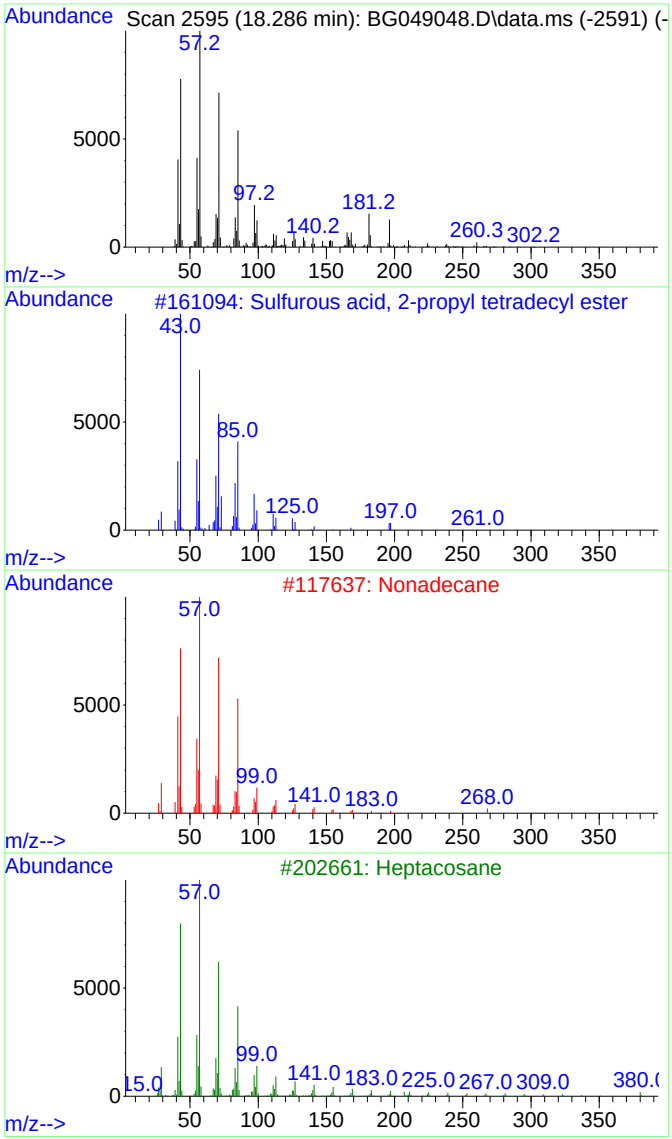
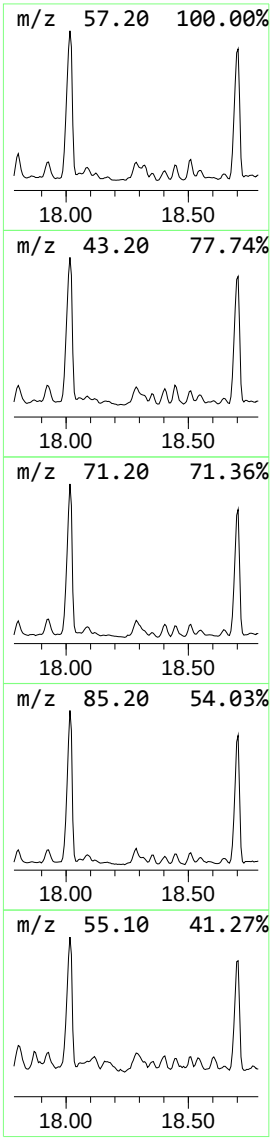
Peak Number 16 9-methylheptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	33.66 ng	1976020	Phenanthrene-d10	17.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80
2	Nonadecane	268	C19H40	000629-92-5	70
3	Heptacosane	380	C27H56	000593-49-7	64
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	62
5	9-methylheptadecane	254	C18H38	026741-18-4	62





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Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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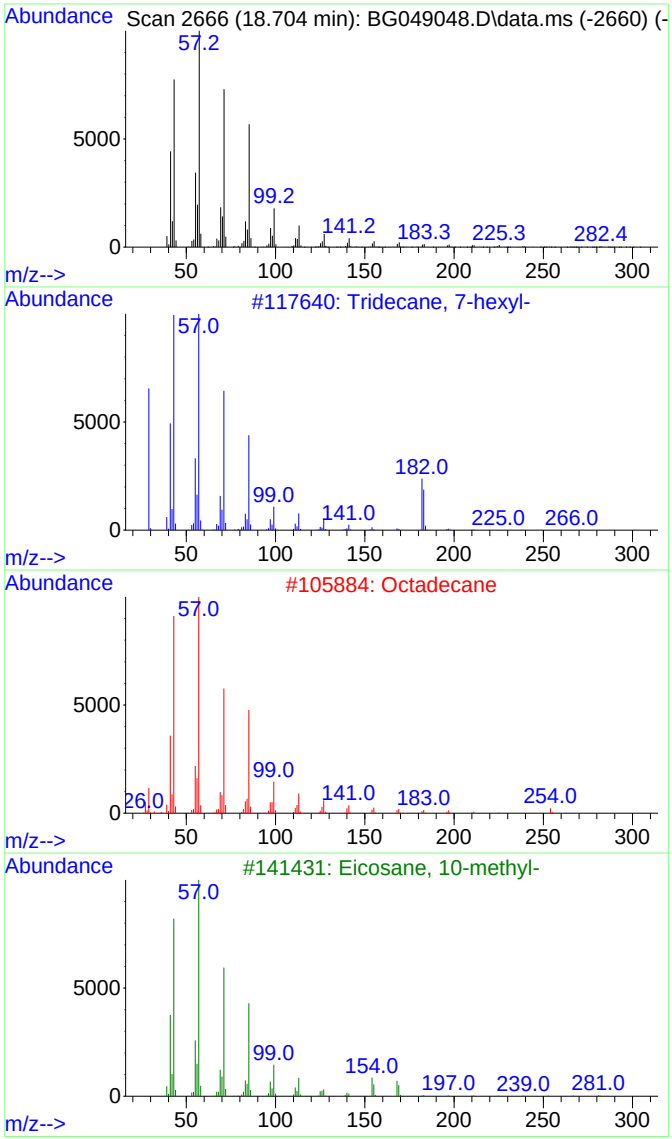
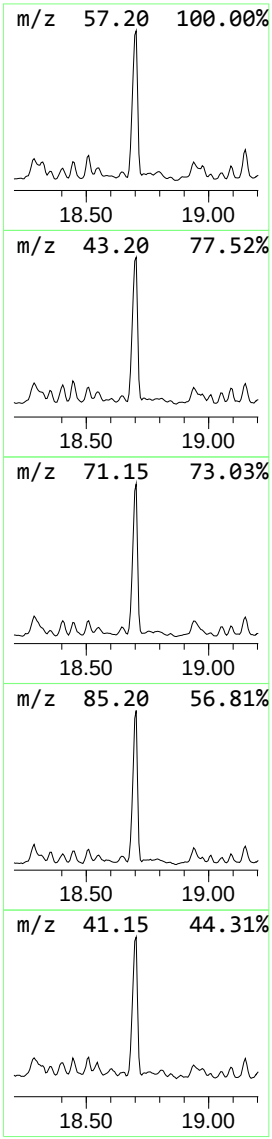
Peak Number 17 Tridecane, 7-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.703	163.87 ng	9619560	Phenanthrene-d10	17.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	95
2	Octadecane	254	C18H38	000593-45-3	91
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049048.D
Acq On : 22 Jun 2021 16:33
Operator : CG/JU
Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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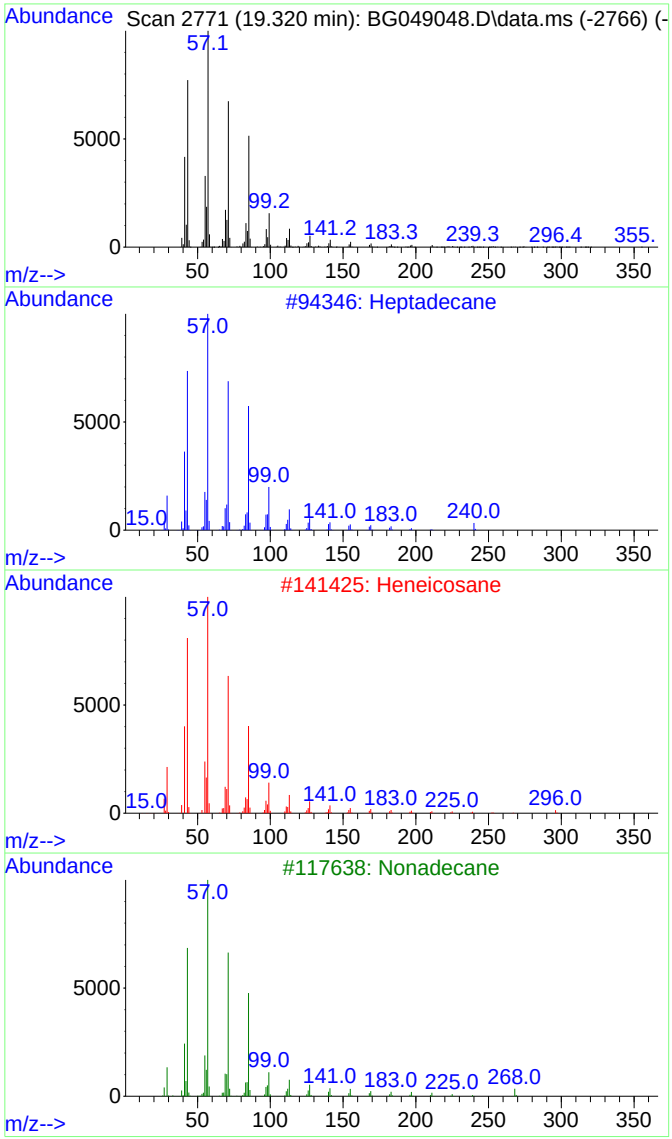
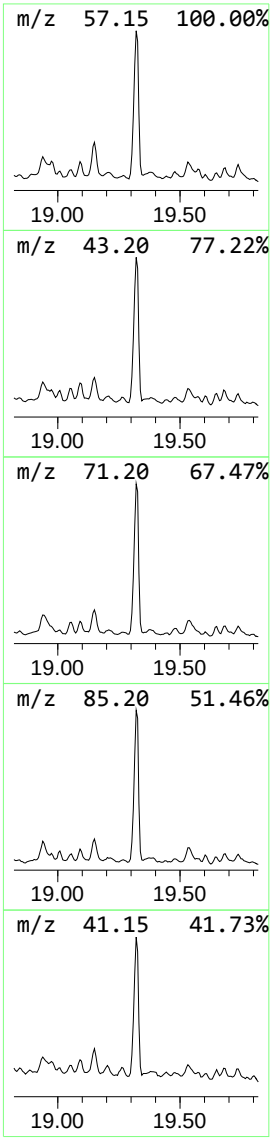
Peak Number 18 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.320	125.15 ng	7346210	Phenanthrene-d10	17.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Nonadecane	268	C19H40	000629-92-5	93
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
5	Hexadecane	226	C16H34	000544-76-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049048.D
Acq On : 22 Jun 2021 16:33
Operator : CG/JU
Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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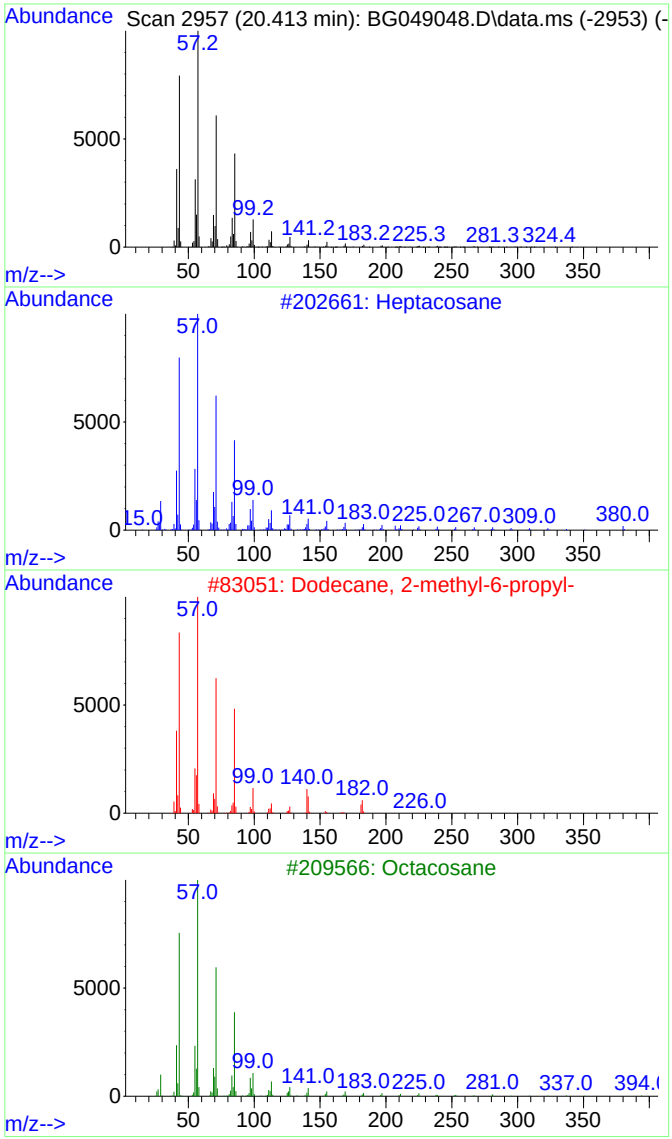
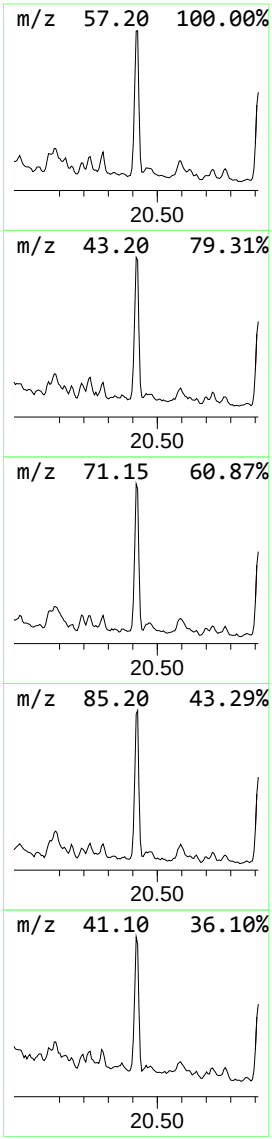
Peak Number 19 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.413	77.47 ng	2811770	Chrysene-d12	21.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049048.D
Acq On : 22 Jun 2021 16:33
Operator : CG/JU
Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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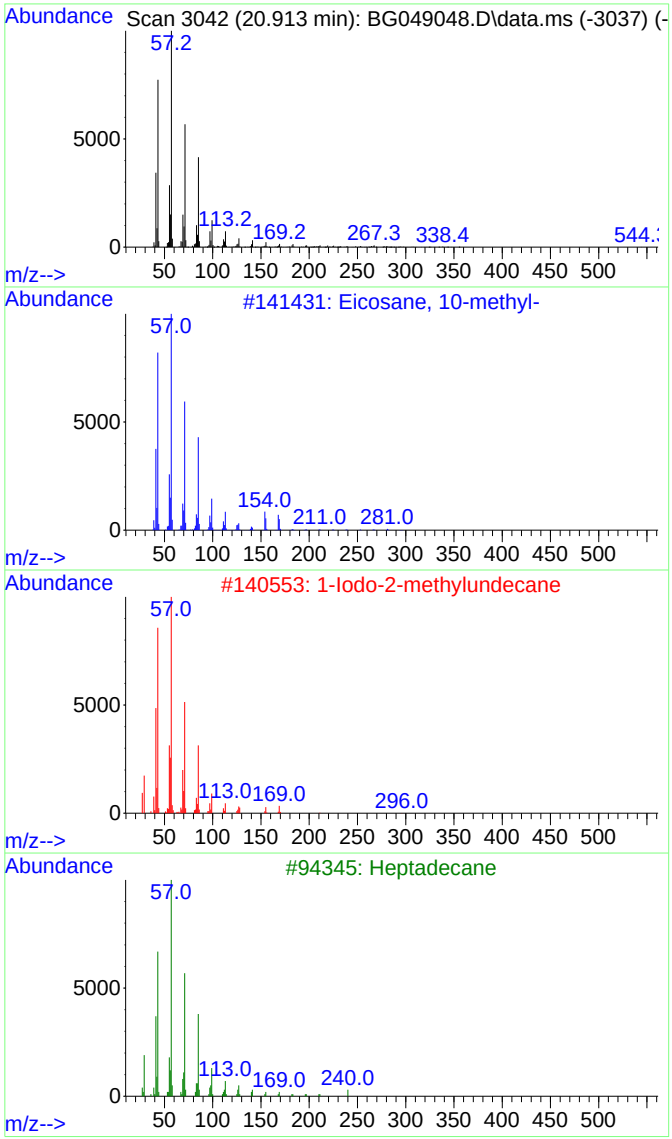
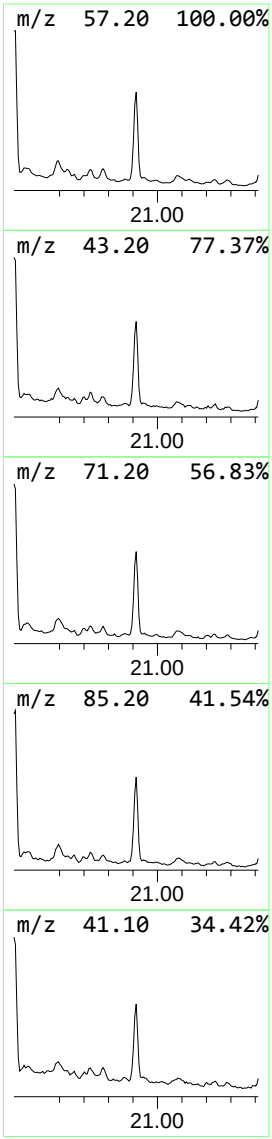
Peak Number 20 Eicosane, 10-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.913	43.10 ng	1564370	Chrysene-d12	21.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049048.D
Acq On : 22 Jun 2021 16:33
Operator : CG/JU
Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Undecane	9.350	62.1	ng	3211240	1	8.116	1034250	20.0
Benzene, 1-meth...	9.485	47.2	ng	2441010	1	8.116	1034250	20.0
Tetradecane	14.673	88.3	ng	14682800	3	14.767	3324460	20.0
Hexadecane	15.625	105.2	ng	17487300	3	14.767	3324460	20.0
2-Bromo dodecane	16.024	48.2	ng	8009810	3	14.767	3324460	20.0
Hexadecane, 2-m...	16.165	40.7	ng	2389440	4	17.517	1174020	20.0
Tridecane	16.488	355.1	ng	20844500	4	17.517	1174020	20.0
Heptadecane, 8-...	16.817	37.1	ng	2180740	4	17.517	1174020	20.0
4,4'-Dimethylbi...	16.876	52.9	ng	3106590	4	17.517	1174020	20.0
Nonadecane	17.282	232.8	ng	13666200	4	17.517	1174020	20.0
Hexadecane, 2,6...	17.329	145.1	ng	8517850	4	17.517	1174020	20.0
Octadecane, 2-m...	17.740	34.4	ng	2018830	4	17.517	1174020	20.0
Octadecane, 3-m...	17.805	37.0	ng	2174000	4	17.517	1174020	20.0
Dodecane, 4-met...	17.928	30.2	ng	1771420	4	17.517	1174020	20.0
Sulfurous acid,...	18.016	205.9	ng	12084400	4	17.517	1174020	20.0
9-methylheptade...	18.286	33.7	ng	1976020	4	17.517	1174020	20.0
Tridecane, 7-he...	18.703	163.9	ng	9619560	4	17.517	1174020	20.0
Heptadecane	19.320	125.2	ng	7346210	4	17.517	1174020	20.0
Heptacosane	20.413	77.5	ng	2811770	5	21.794	725926	20.0
Eicosane, 10-me...	20.913	43.1	ng	1564370	5	21.794	725926	20.0