LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061024.D
Acq On : 24 Apr 2024 14:00
Operator : MA/JU
Sample : P2225-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-042224

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-BG042024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061024.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.170	25	31	40	rVB3	17442	37085	2.60%	0.232%
2	3.687	113	119	130	rBV	18374	32942	2.31%	0.206%
3	5.538	426	434	444	rVB	322142	529814	37.10%	3.313%
4	7.113	695	702	712	rBV	345473	589889	41.31%	3.689%
5	7.941	836	843	850	rBV	121286	207531	14.53%	1.298%
6	9.093	1022	1039	1046	rBV	224347	414062	29.00%	2.589%
7	9.175	1049	1053	1058	rVB2	15792	24095	1.69%	0.151%
8	9.657	1131	1135	1140	rVB6	11614	23208	1.63%	0.145%
9	10.091	1202	1209	1213	rBV6	10044	16947	1.19%	0.106%
10	10.373	1253	1257	1264	rVB5	9675	15805	1.11%	0.099%
11	10.520	1277	1282	1288	rVB7	6715	14280	1.00%	0.089%
12	10.732	1308	1318	1325	rBV2	163390	357053	25.00%	2.233%
13	10.908	1344	1348	1352	rVB2	17069	26364	1.85%	0.165%
14	11.202	1394	1398	1403	rBV6	9430	17048	1.19%	0.107%
15	11.319	1413	1418	1421	rBV6	9600	18676	1.31%	0.117%
16	11.402	1428	1432	1435	rBV5	9371	16680	1.17%	0.104%
17	11.513	1448	1451	1456	rVB4	9533	17750	1.24%	0.111%
18	11.584	1458	1463	1469	rBV8	20446	35826	2.51%	0.224%
19	11.660	1469	1476	1483	rBV7	25303	55224	3.87%	0.345%
20	11.772	1490	1495	1499	rBV3	30819	53411	3.74%	0.334%
21	11.848	1504	1508	1514	rVB5	13672	25029	1.75%	0.157%
22	11.930	1514	1522	1530	rBV3	44536	88990	6.23%	0.556%
23	12.165	1556	1562	1569	rBV	106888	166241	11.64%	1.040%
24	12.283	1577	1582	1588	rVB5	23295	45244	3.17%	0.283%
25	12.383	1593	1599	1607	rVB10	22247	59890	4.19%	0.375%
26	12.606	1633	1637	1639	rBV5	11833	16958	1.19%	0.106%
27	12.647	1639	1644	1649	rVB2	51598	85331	5.98%	0.534%
28	12.794	1662	1669	1673	rBV7	20614	39981	2.80%	0.250%
29	12.841	1673	1677	1680	rVV5	16982	29277	2.05%	0.183%
30	12.906	1684	1688	1692	rVV5	29870	49838	3.49%	0.312%
31	12.970	1695	1699	1706	rVV3	27205	56857	3.98%	0.356%
32	13.064	1710	1715	1720	rBV5	33741	59863	4.19%	0.374%
33	13.123	1720	1725	1729	rVV2	69199	101790	7.13%	0.637%
34	13.194	1730	1737	1747	rVV	584175	936511	65.58%	5.856%
35	13.276	1747	1751	1758	rVB8	16574	25326	1.77%	0.158%
36	13.405	1767	1773	1779	rBV	198290	283320	19.84%	1.772%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2225-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-042224

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-BG042024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.511	1786	1791	1797	rVV3	41845	87439	6.12%	0.547%
38	13.570	1797	1801	1804	rVB5	32605	43980	3.08%	0.275%
39	13.787	1836	1838	1845	rVB5	14147	23310	1.63%	0.146%
40	13.852	1845	1849	1851	rBV4	26327	41553	2.91%	0.260%
41	13.934	1860	1863	1868	rVB7	30536	49299	3.45%	0.308%
42	14.040	1876	1881	1882	rBV3	40140	53147	3.72%	0.332%
43	14.063	1882	1885	1889	rVV2	74264	113355	7.94%	0.709%
44	14.104	1889	1892	1897	rVB4	44732	61332	4.30%	0.384%
45	14.181	1903	1905	1909	rVB	29039	34202	2.40%	0.214%
46	14.234	1909	1914	1918	rBV7	15432	26452	1.85%	0.165%
47	14.275	1918	1921	1926	rBV6	12919	16750	1.17%	0.105%
48	14.480	1950	1956	1961	rBV	327854	429022	30.04%	2.683%
49	14.569	1964	1971	1977	rVV	242787	433695	30.37%	2.712%
50	14.710	1993	1995	2002	rVB7	24250	34289	2.40%	0.214%
51	14.945	2028	2035	2037	rBV6	31071	67919	4.76%	0.425%
52	14.980	2038	2041	2047	rVB5	45298	67184	4.70%	0.420%
53	15.039	2048	2051	2055	rBV2	32295	42388	2.97%	0.265%
54	15.097	2057	2061	2069	rVB3	73834	135764	9.51%	0.849%
55	15.168	2070	2073	2076	rBV	33744	42732	2.99%	0.267%
56	15.432	2113	2118	2123	rVB	407996	509193	35.66%	3.184%
57	15.732	2167	2169	2175	rVB7	26684	44267	3.10%	0.277%
58	15.791	2175	2179	2181	rBV5	20704	29962	2.10%	0.187%
59	15.838	2181	2187	2192	rVV	130066	235441	16.49%	1.472%
60	15.932	2201	2203	2209	rVB3	43544	52460	3.67%	0.328%
61	15.990	2209	2213	2218	rBV4	53722	95113	6.66%	0.595%
62	16.061	2218	2225	2232	rVB	571083	874565	61.25%	5.469%
63	16.131	2234	2237	2242	rBV7	24348	34914	2.45%	0.218%
64	16.296	2260	2265	2268	rBV	513844	681909	47.75%	4.264%
65	16.637	2319	2323	2326	rBV2	39834	62624	4.39%	0.392%
66	16.754	2340	2343	2346	rBV2	33712	41611	2.91%	0.260%
67	16.807	2349	2352	2356	rVB	30746	34515	2.42%	0.216%
68	16.872	2360	2363	2365	rBV2	36226	34525	2.42%	0.216%
69	17.089	2395	2400	2404	rBV	473635	566110	39.65%	3.540%
70	17.142	2405	2409	2420	rVB	162070	269586	18.88%	1.686%
71	17.318	2434	2439	2445	rBV	267828	432181	30.27%	2.703%
72	17.395	2449	2452	2461	rVB6	30070	75785	5.31%	0.474%
73	17.518	2470	2473	2477	rBV5	28363	34927	2.45%	0.218%
74	17.559	2477	2480	2487	rVB2	43000	64524	4.52%	0.403%
75	17.630	2488	2492	2499	rVB2	46505	67716	4.74%	0.423%
76	17.747	2509	2512	2520	rVB5	40000	69393	4.86%	0.434%

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Operator : MA/JU
Sample : P2225-01
Misc :
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Instrument :
BNA_G
ClientSampleId :
TR-06-042224

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.829	2521	2526	2530	rBV	418307	502928	35.22%	3.145%
78	17.994	2552	2554	2559	rVB2	50594	66377	4.65%	0.415%
79	18.106	2570	2573	2578	rBV4	39135	65712	4.60%	0.411%
80	18.223	2589	2593	2600	rBV2	168849	223756	15.67%	1.399%
81	18.523	2639	2644	2649	rBV	366964	441688	30.93%	2.762%
82	18.981	2719	2722	2727	rBV2	44593	67247	4.71%	0.421%
83	19.151	2745	2751	2758	rVB2	298124	567315	39.73%	3.548%
84	19.375	2785	2789	2791	rBV	90551	118437	8.29%	0.741%
85	19.398	2791	2793	2798	rVB2	68991	88651	6.21%	0.554%
86	19.492	2806	2809	2812	rBV2	64509	79656	5.58%	0.498%
87	19.645	2833	2835	2840	rVB6	36645	42937	3.01%	0.269%
88	19.727	2846	2849	2854	rBV2	242349	279986	19.61%	1.751%
89	19.939	2880	2885	2890	rVB	1145834	1427945	100.00%	8.930%
90	20.262	2936	2940	2944	rVB	156669	174106	12.19%	1.089%
91	20.755	3020	3024	3028	rBV	98958	117215	8.21%	0.733%
92	21.261	3106	3110	3114	rVB3	87378	130540	9.14%	0.816%
93	21.578	3158	3164	3170	rBV	319850	559082	39.15%	3.496%
94	24.710	3691	3697	3707	rBV	138999	348296	24.39%	2.178%

Sum of corrected areas: 15991143

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Data File : BG061024.D
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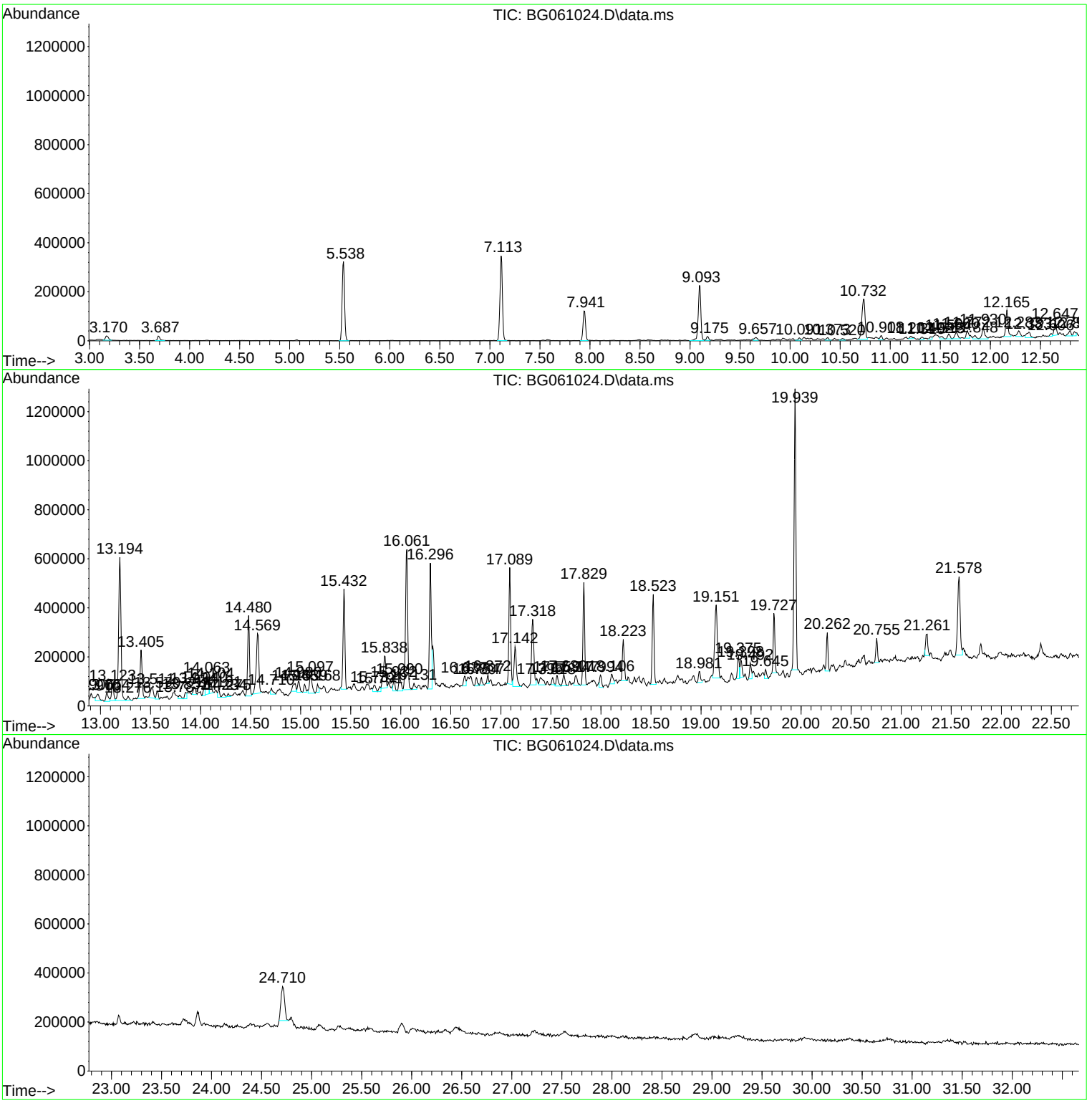
Sample : P2225-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-042224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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\BG042424\
Data File : BG061024.D
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Operator : MA/JU
Sample : P2225-01
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Instrument :
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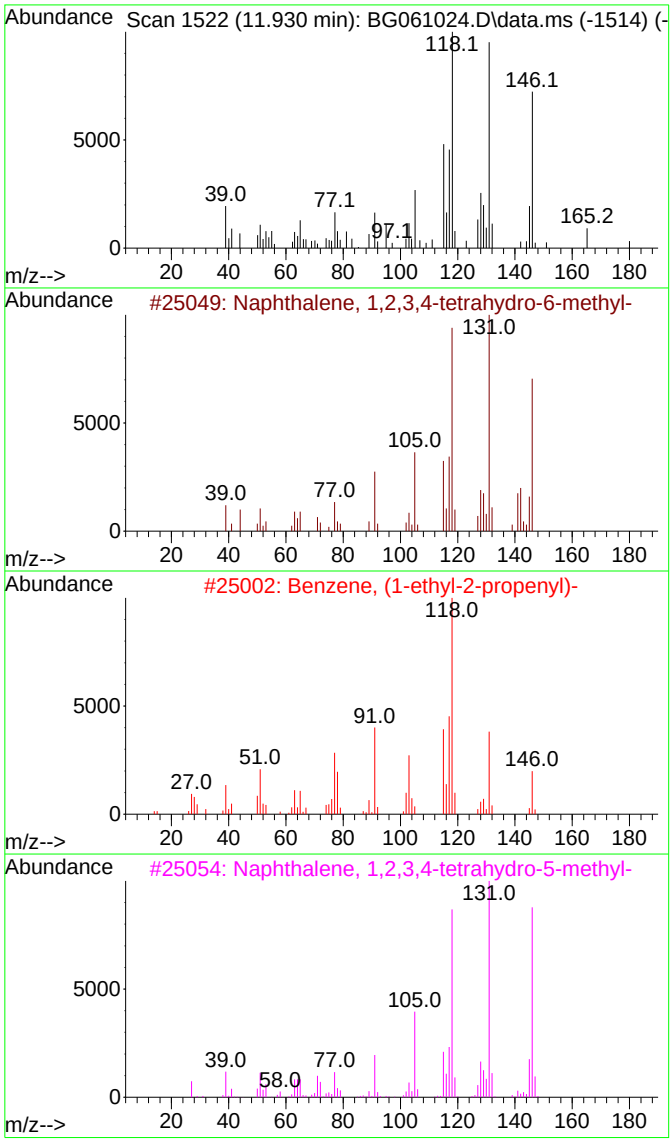
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

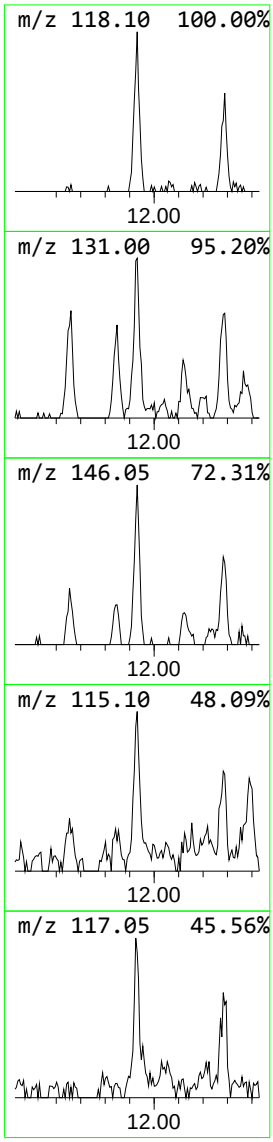
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.930	4.98 ng	88990	Naphthalene-d8	10.738

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	62
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061024.D
Acq On : 24 Apr 2024 14:00
Operator : MA/JU
Sample : P2225-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-042224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

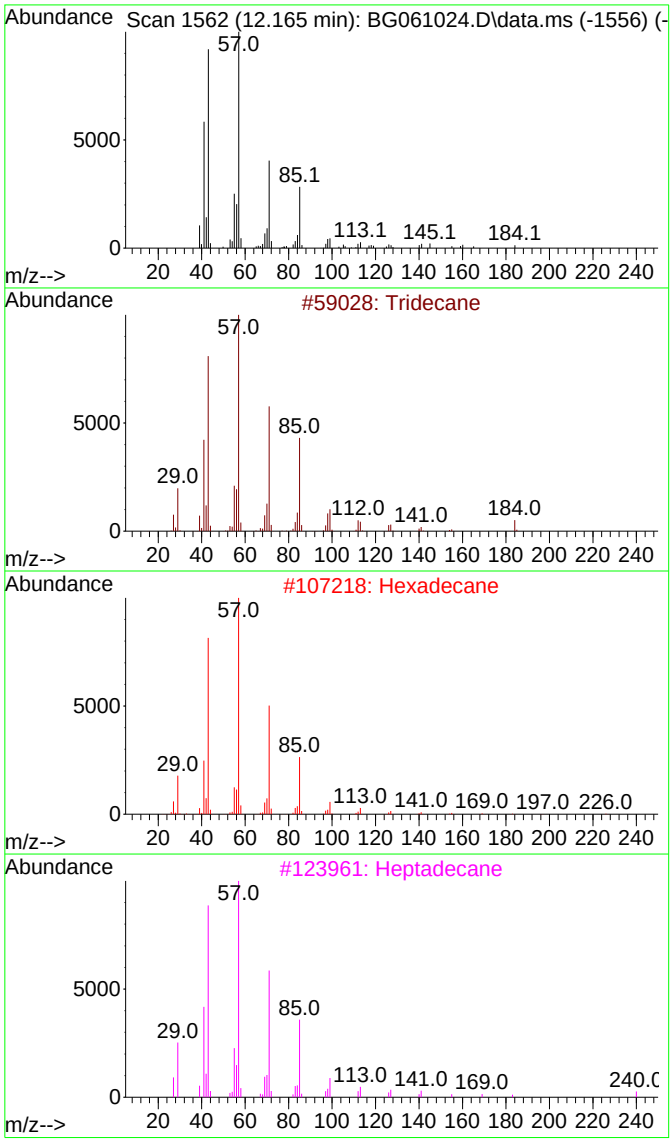
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

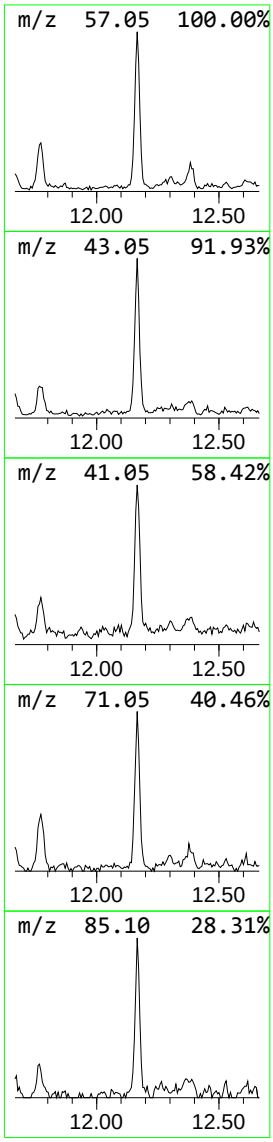
****

Peak Number 2 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.166	9.31 ng	166241	Naphthalene-d8	10.738

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heptadecane	240	C17H36	000629-78-7	78
4	Decane	142	C10H22	000124-18-5	78
5	Undecane	156	C11H24	001120-21-4	72





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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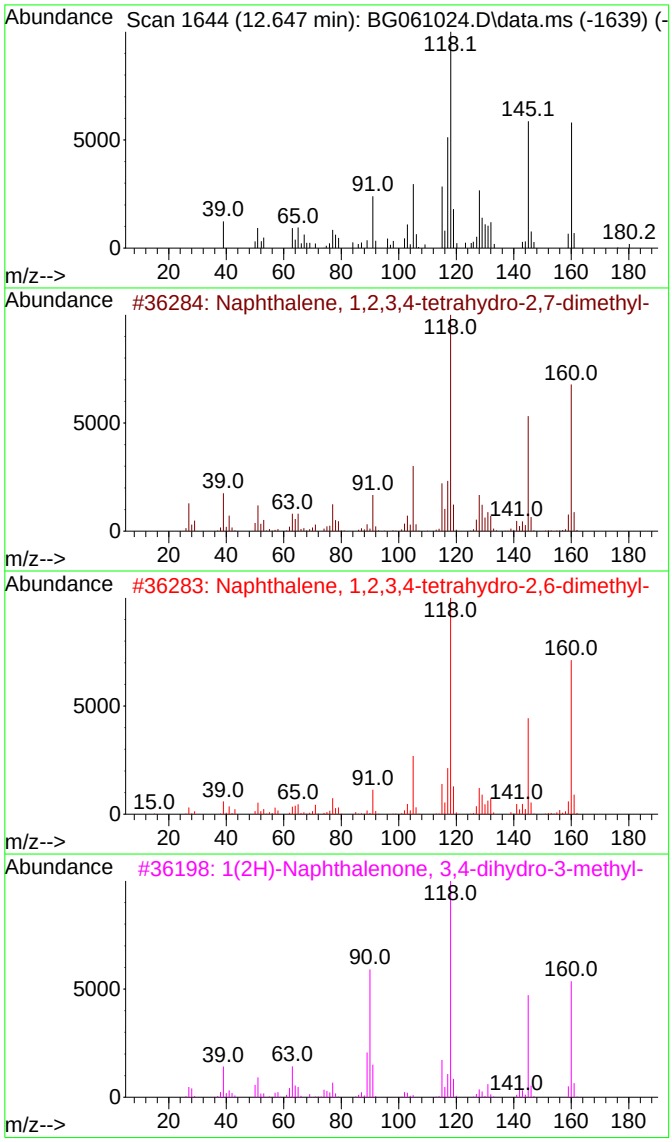
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

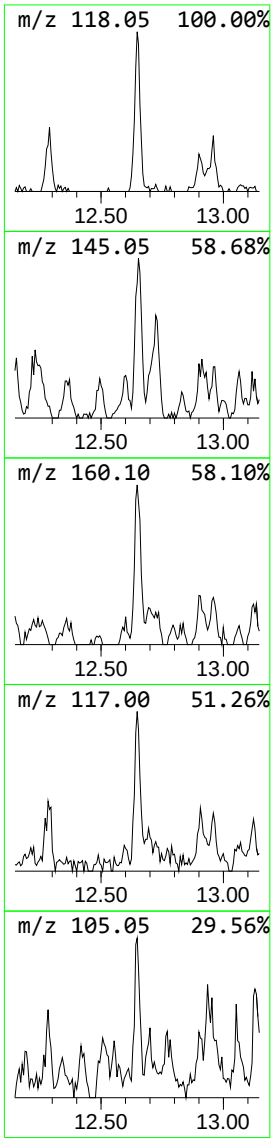
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.647	4.78 ng	85331	Naphthalene-d8	10.738

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	74
3	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	70
4	4-Chloro-3-fluoroanisole	160	C7H6ClFO	000501-29-1	60
5	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
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Acq On : 24 Apr 2024 14:00
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Sample : P2225-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

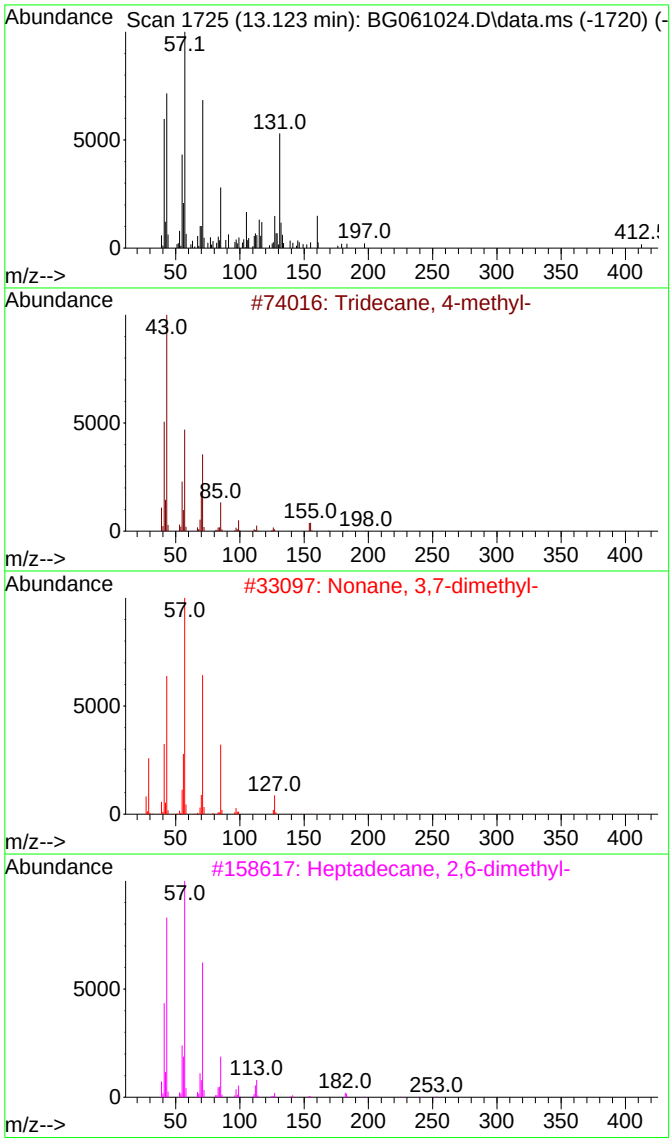
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

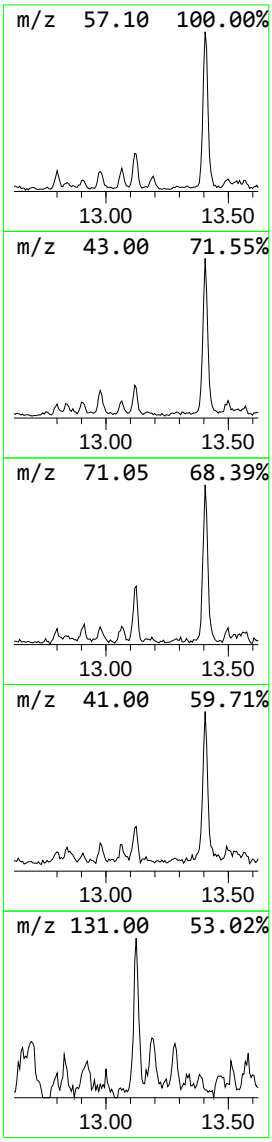
****

Peak Number 4 unknown13.123 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	4.69 ng	101790	Acenaphthene-d10	14.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	43
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	43
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43





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Data File : BG061024.D
Acq On : 24 Apr 2024 14:00
Operator : MA/JU
Sample : P2225-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-042224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

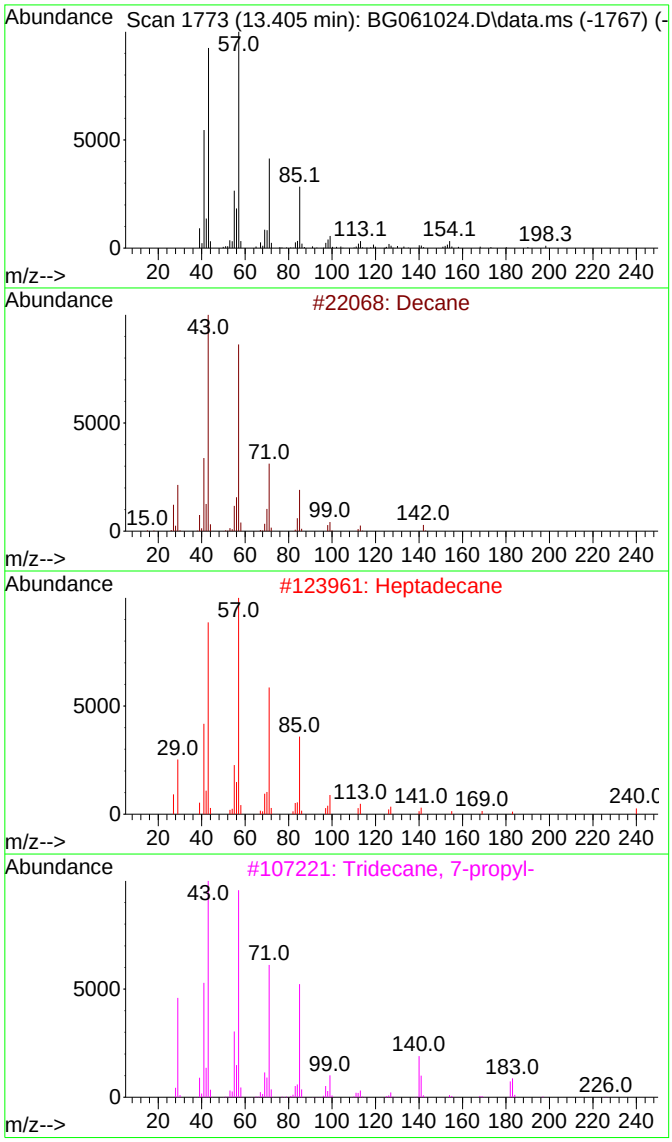
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

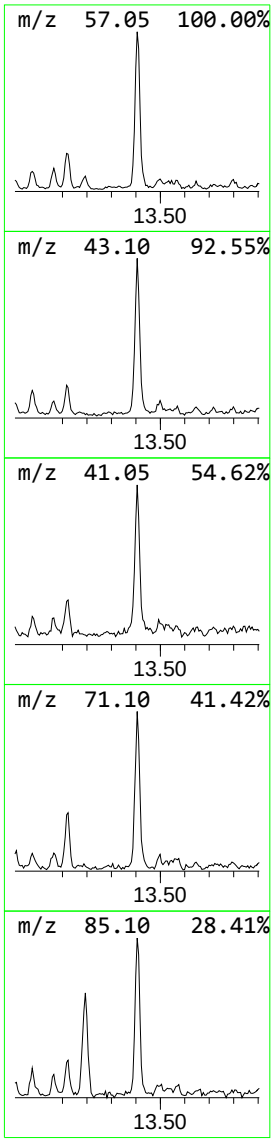
****

Peak Number 5 Decane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.405	13.07 ng	283320	Acenaphthene-d10	14.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	80
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72





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Data File : BG061024.D
Acq On : 24 Apr 2024 14:00
Operator : MA/JU
Sample : P2225-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-042224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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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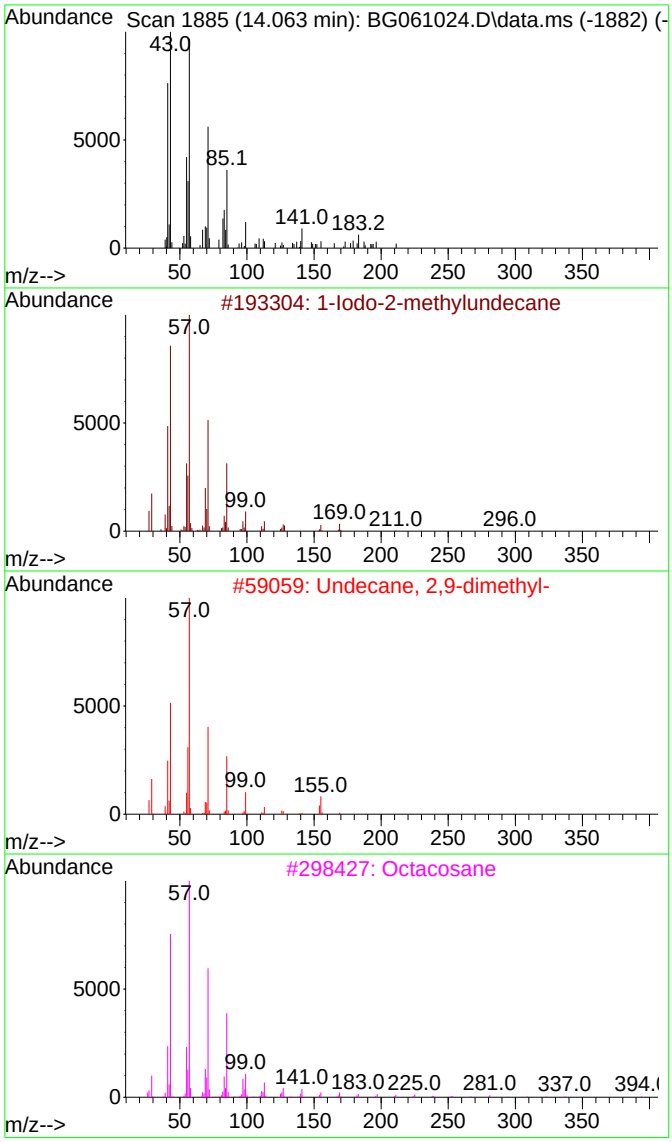
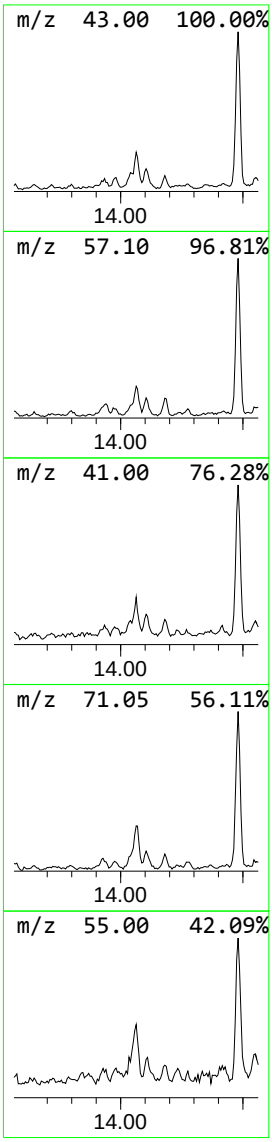
Peak Number 6 1-Iodo-2-methylundecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.063	5.23 ng	113355	Acenaphthene-d10	14.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
2	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
3	Octacosane	394	C28H58	000630-02-4	64
4	Pentacosane	352	C25H52	000629-99-2	64
5	2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	59





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Acq On : 24 Apr 2024 14:00
Operator : MA/JU
Sample : P2225-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-042224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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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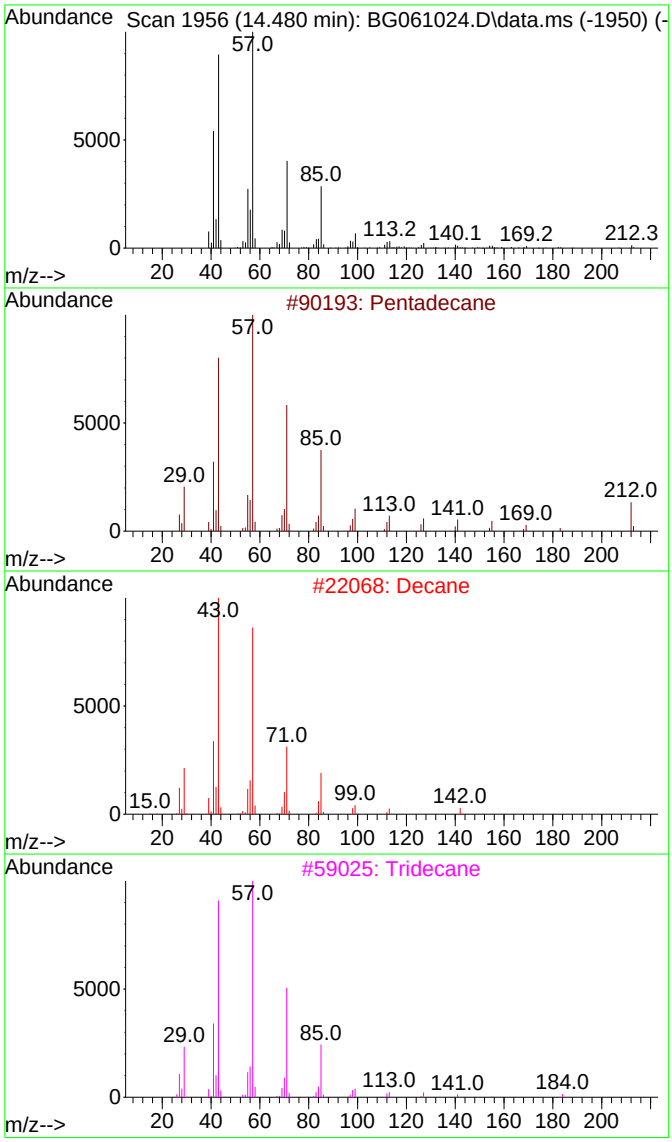
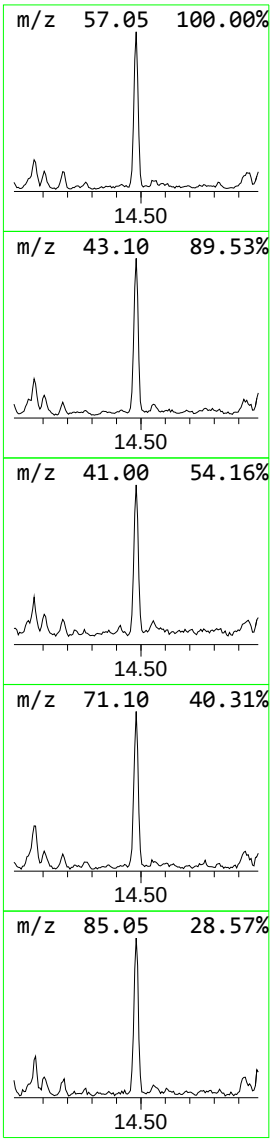
Peak Number 7 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.480	19.78 ng	429022	Acenaphthene-d10	14.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Decane	142	C10H22	000124-18-5	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90





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Sample : P2225-01
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-042224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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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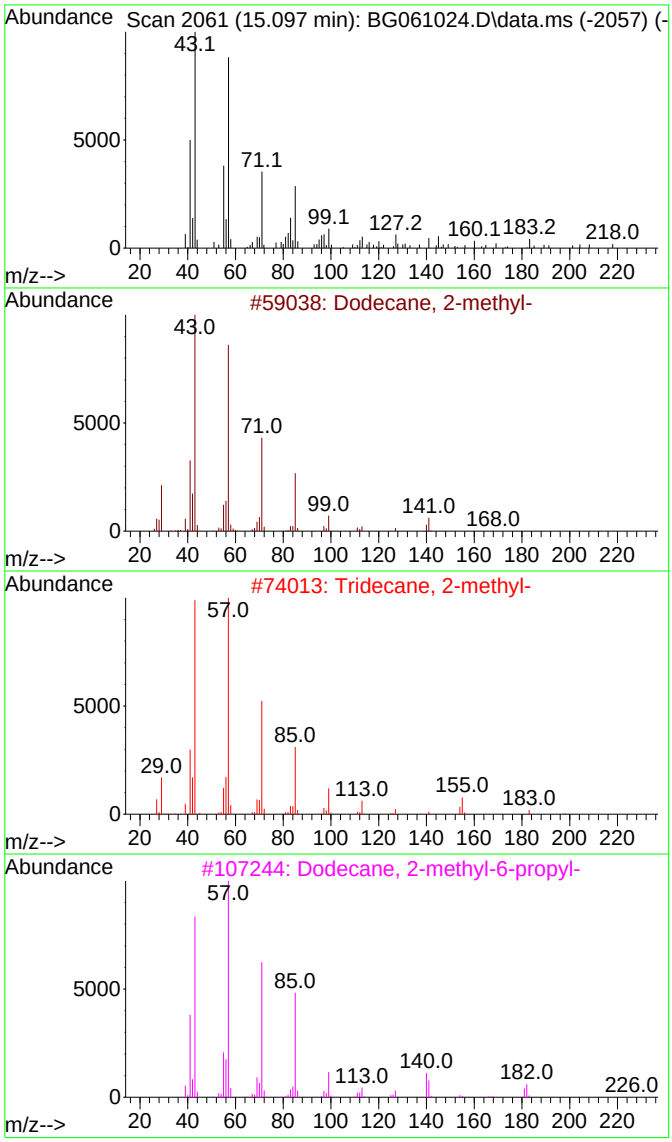
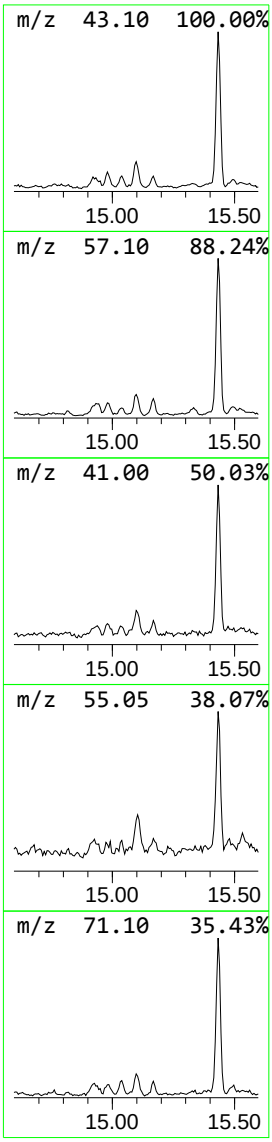
Peak Number 8 Dodecane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.097	6.26 ng	135764	Acenaphthene-d10	14.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53
4	2-Methyltetracosane	352	C25H52	001560-78-7	53
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	53





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Sample : P2225-01
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-042224

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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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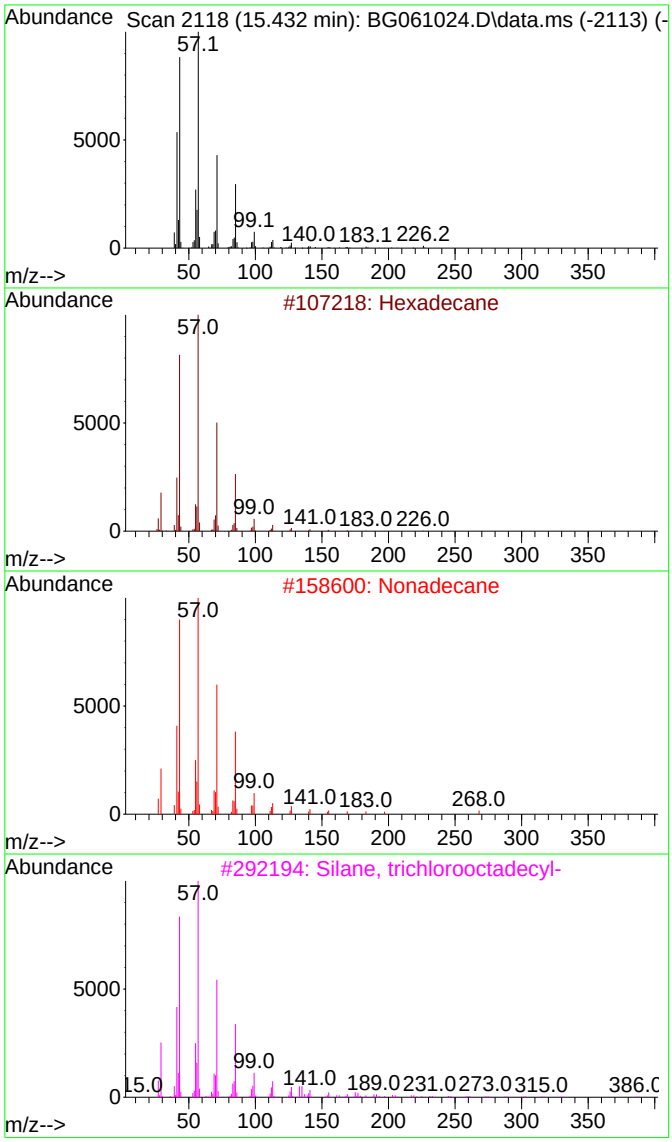
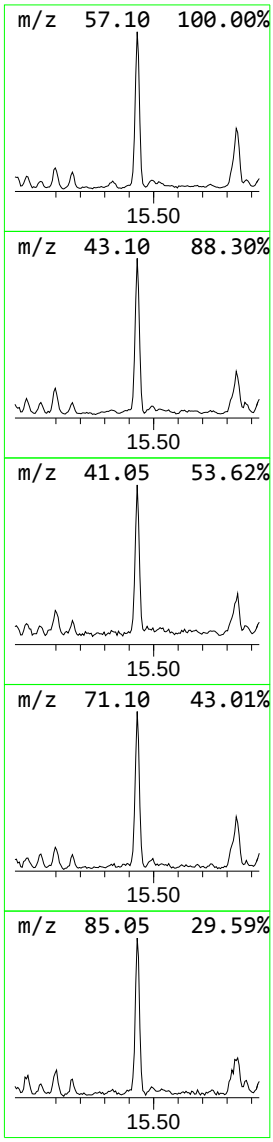
Peak Number 9 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	23.48 ng	509193	Acenaphthene-d10	14.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Nonadecane	268	C19H40	000629-92-5	90
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4	Octadecane	254	C18H38	000593-45-3	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-042224

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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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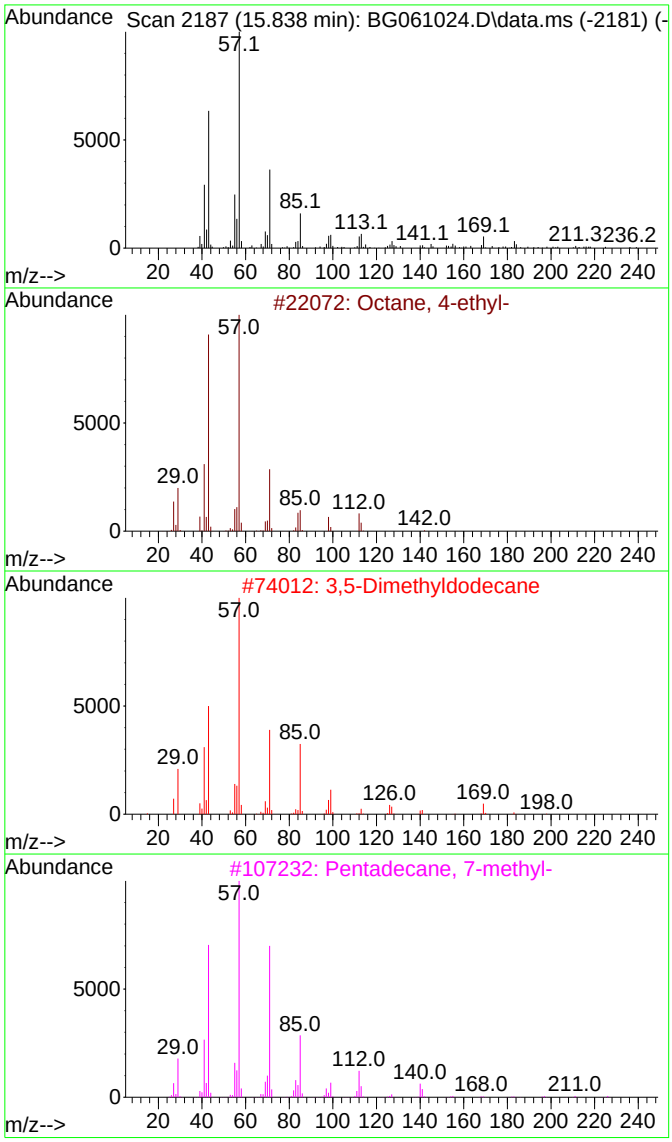
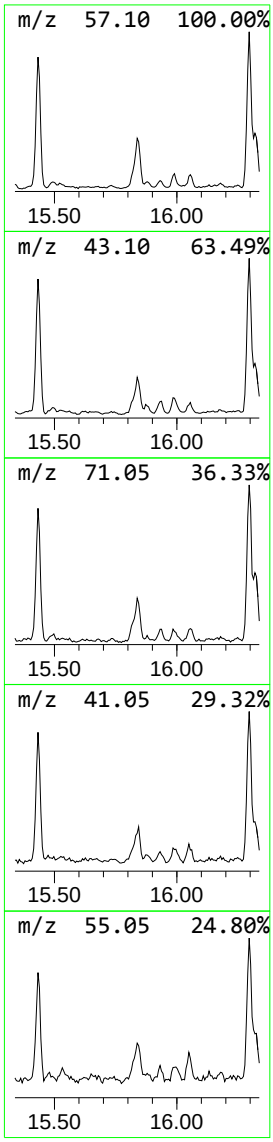
Peak Number 10 Octane, 4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.838	10.86 ng	235441	Acenaphthene-d10	14.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	68
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	62
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	59
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	58





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Instrument :
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ClientSampleId :
TR-06-042224

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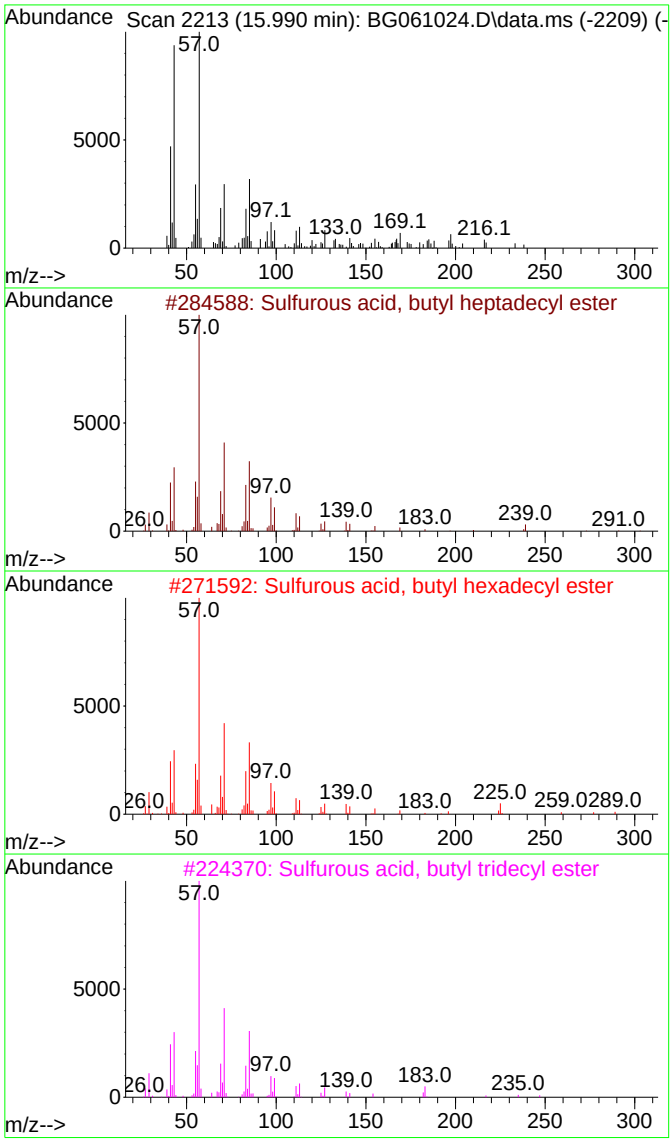
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

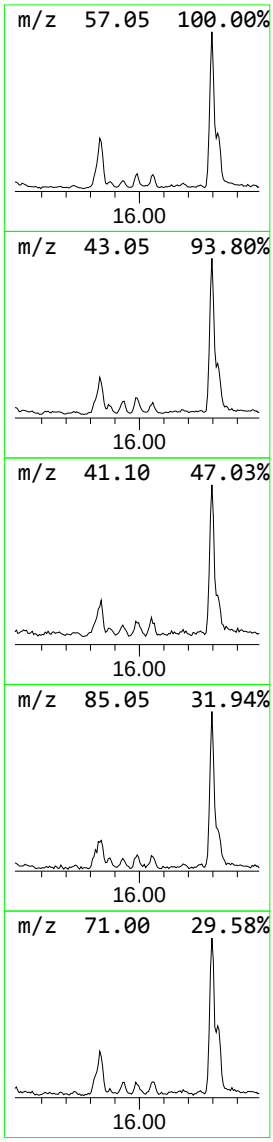
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Sulfurous acid, butyl hepta... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.990	4.40 ng	95113	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	68
2	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	64
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	64
5	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	58





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Sample : P2225-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-042224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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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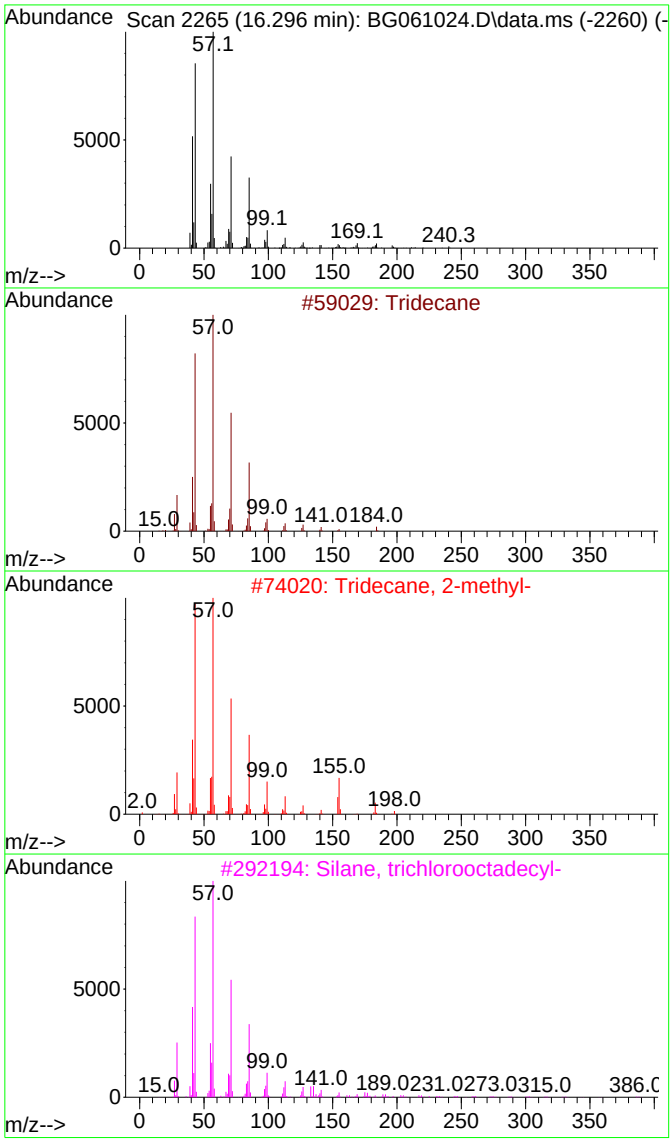
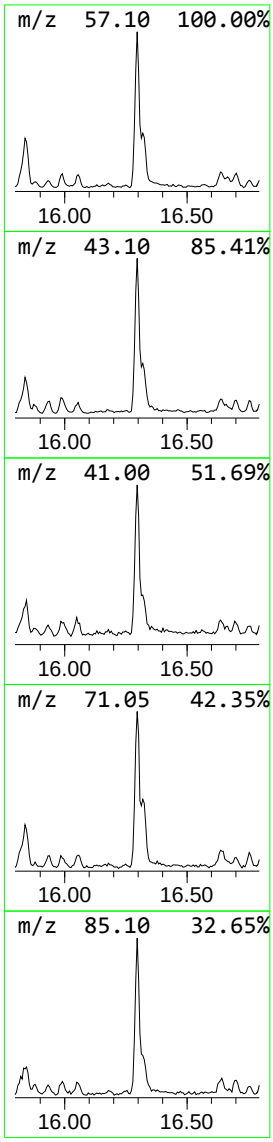
Peak Number 12 Tridecane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.296	31.56 ng	681909	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Heptadecane	240	C17H36	000629-78-7	87





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Sample : P2225-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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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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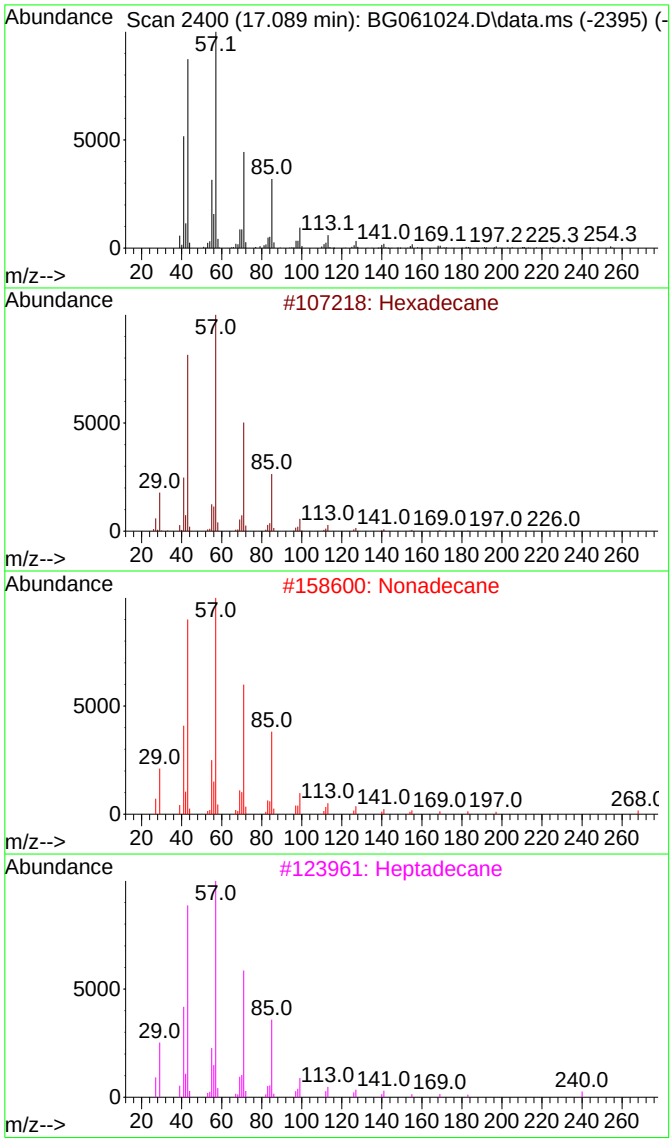
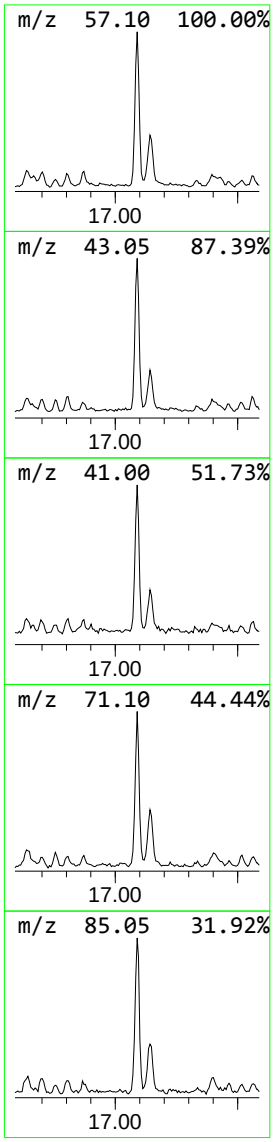
Peak Number 13 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.089	26.20 ng	566110	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90





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Sample : P2225-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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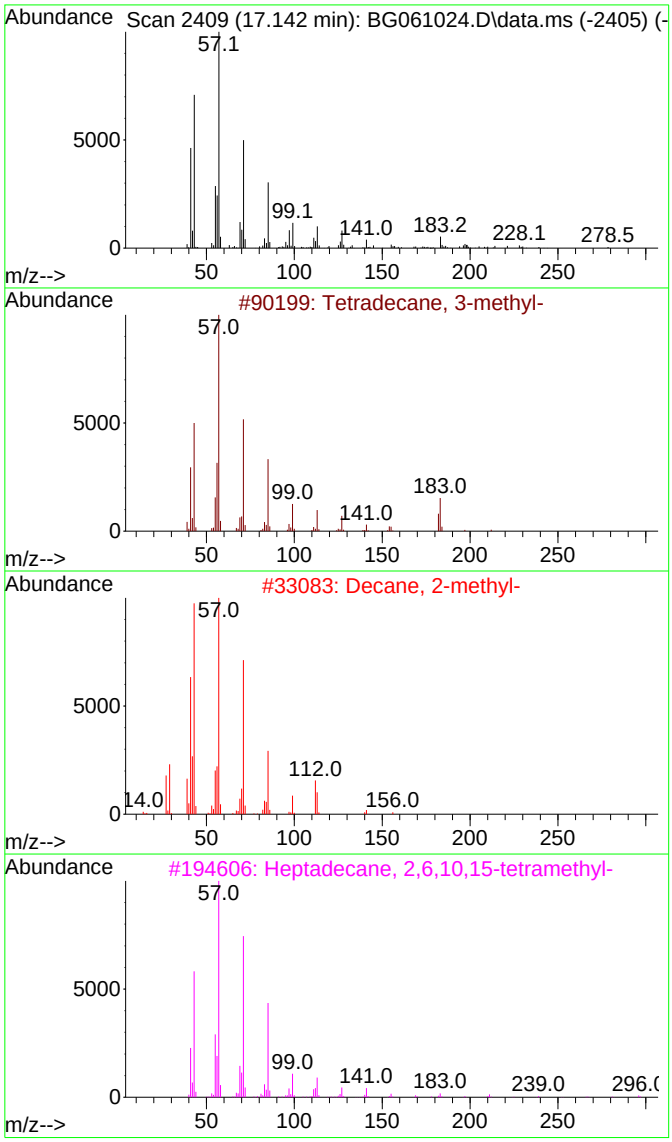
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

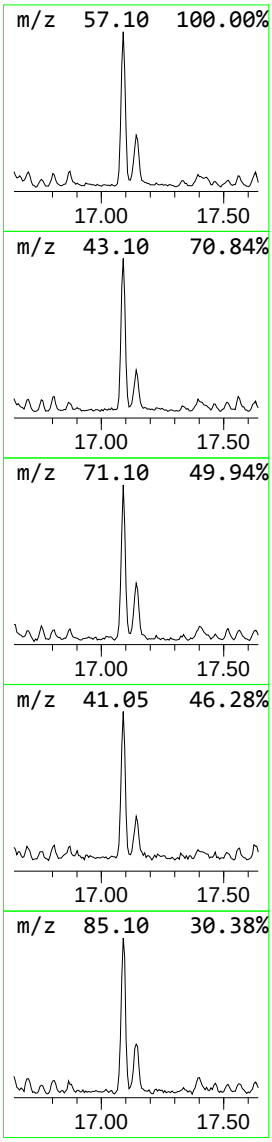
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Tetradecane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.142	12.48 ng	269586	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	86
2	Decane, 2-methyl-	156	C11H24	006975-98-0	83
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
5	Octane, 2-methyl-	128	C9H20	003221-61-2	80





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ALS Vial : 7 Sample Multiplier: 1

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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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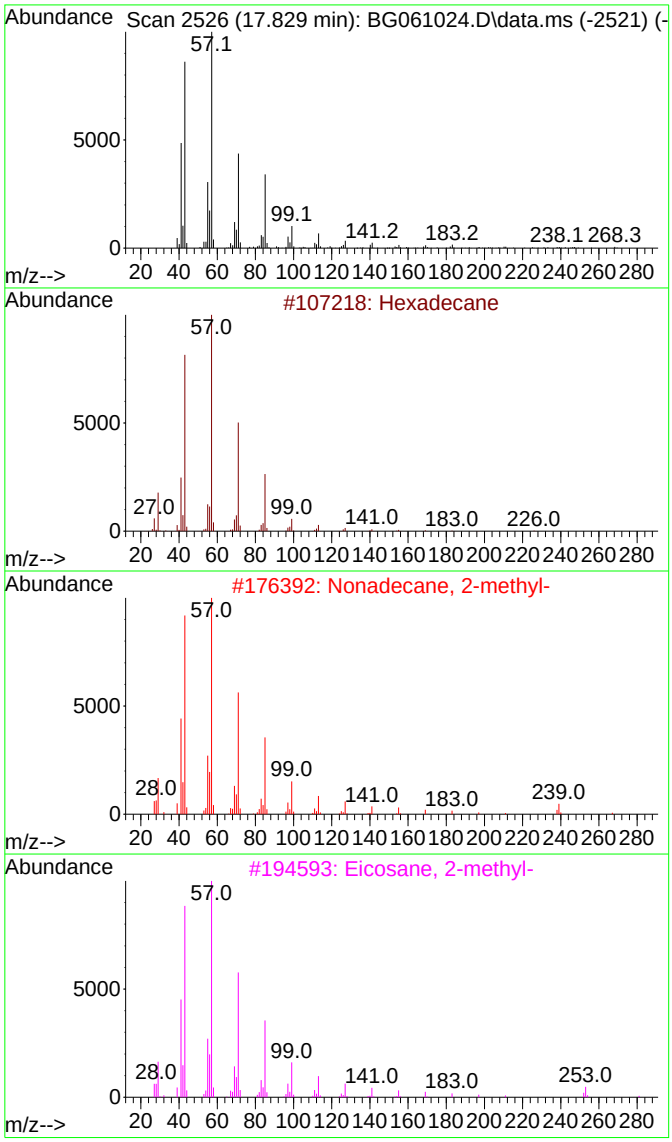
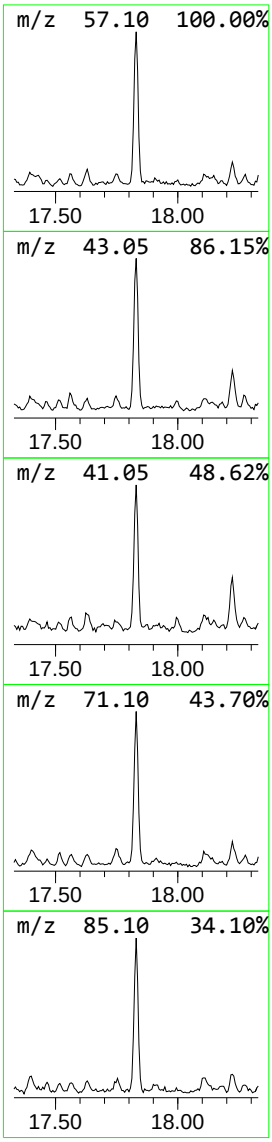
Peak Number 15 Nonadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.829	23.27 ng	502928	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Nonadecane	268	C19H40	000629-92-5	91





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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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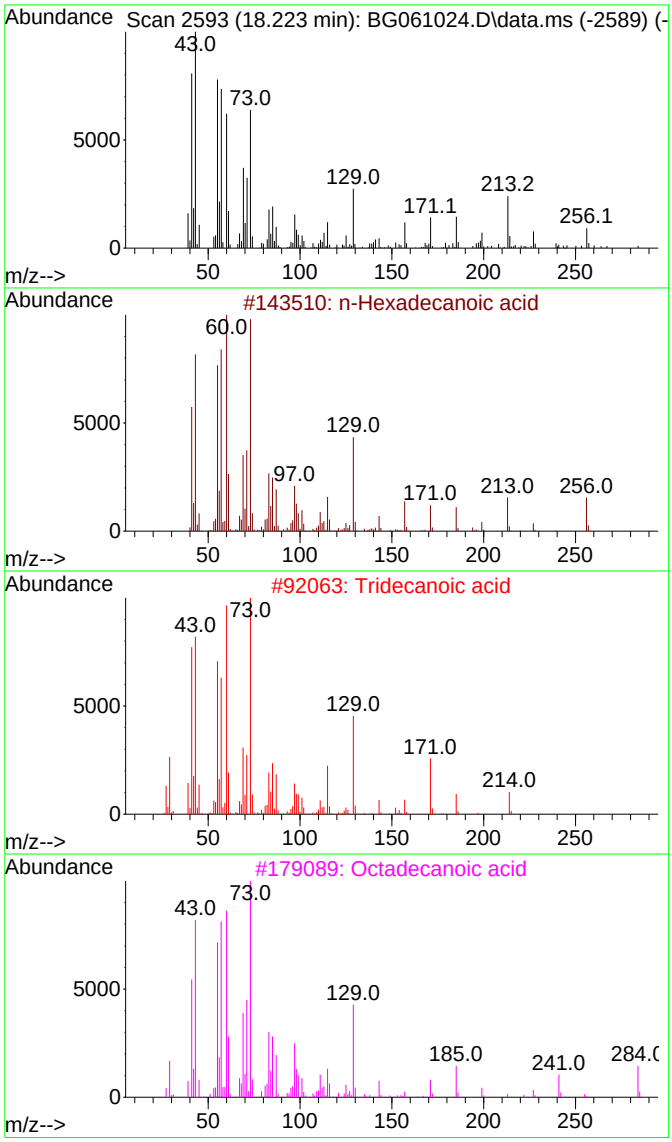
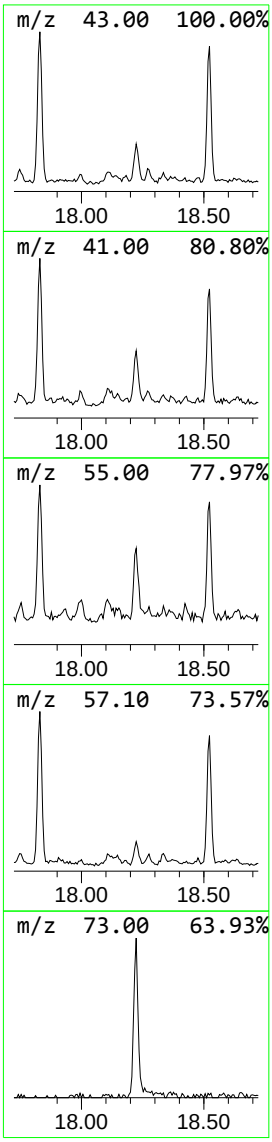
Peak Number 16 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.223	10.35 ng	223756	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	78
3	Octadecanoic acid	284	C18H36O2	000057-11-4	47
4	Dodecanoic acid	200	C12H24O2	000143-07-7	43
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	43





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Sample : P2225-01
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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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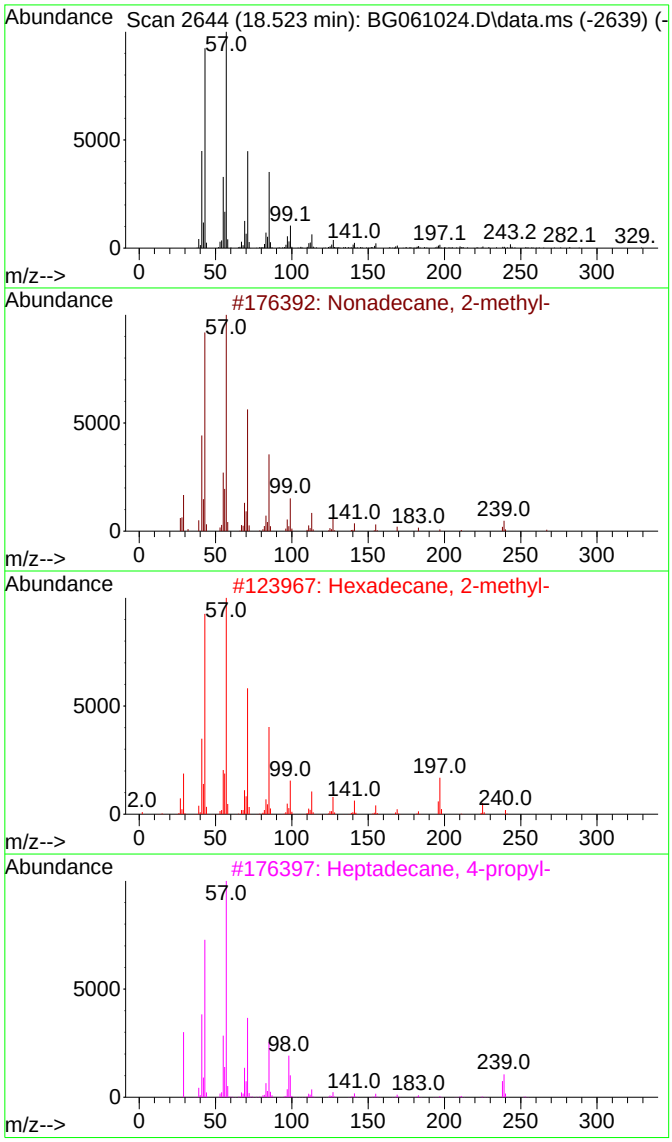
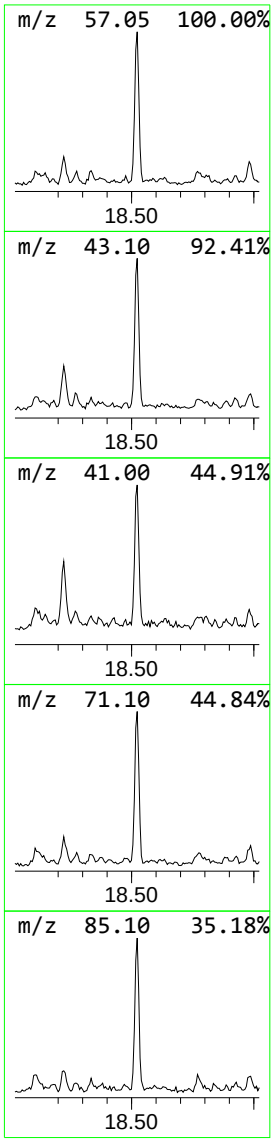
Peak Number 17 Hexadecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.523	20.44 ng	441688	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
3	Heptadecane, 4-propyl-	282	C20H42	055044-10-5	91
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061024.D
Acq On : 24 Apr 2024 14:00
Operator : MA/JU
Sample : P2225-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-042224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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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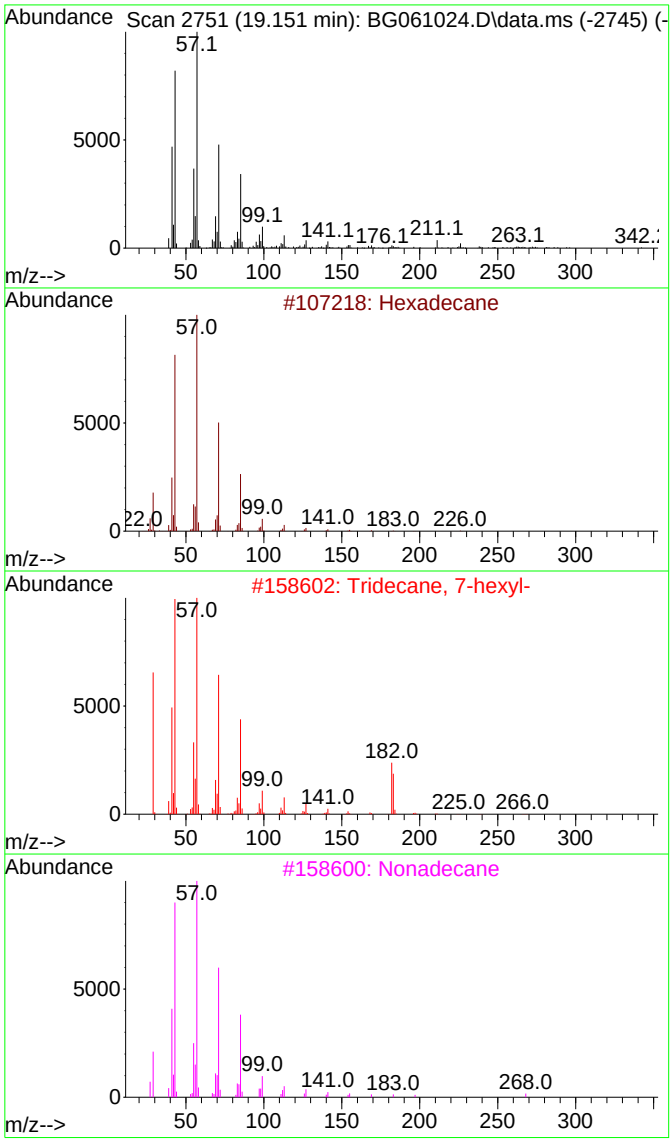
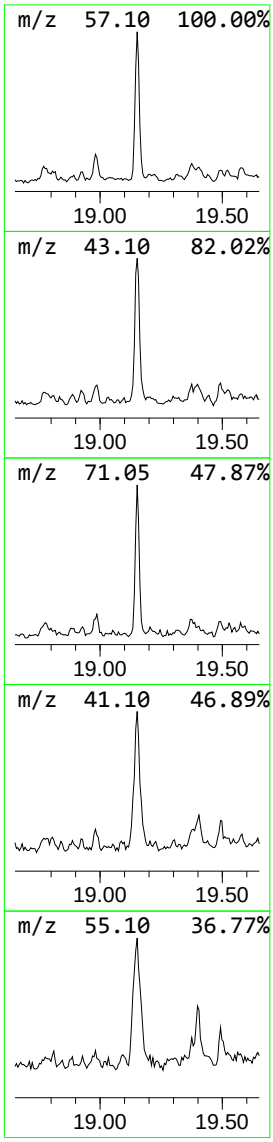
Peak Number 18 Tridecane, 7-hexyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	26.25 ng	567315	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061024.D
Acq On : 24 Apr 2024 14:00
Operator : MA/JU
Sample : P2225-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-042224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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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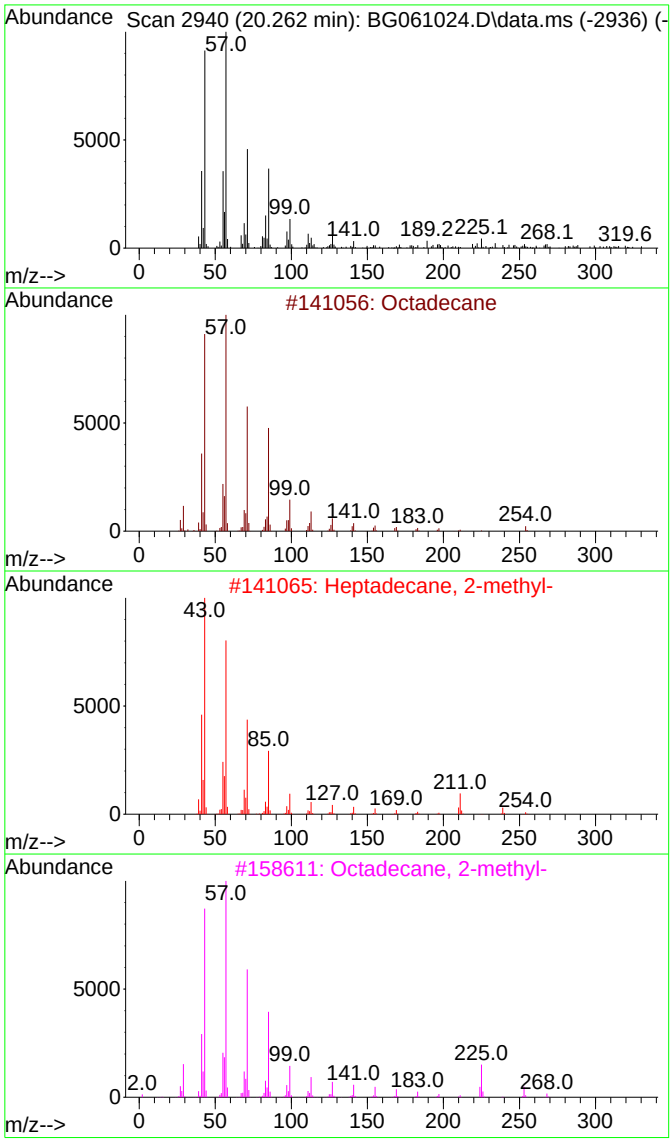
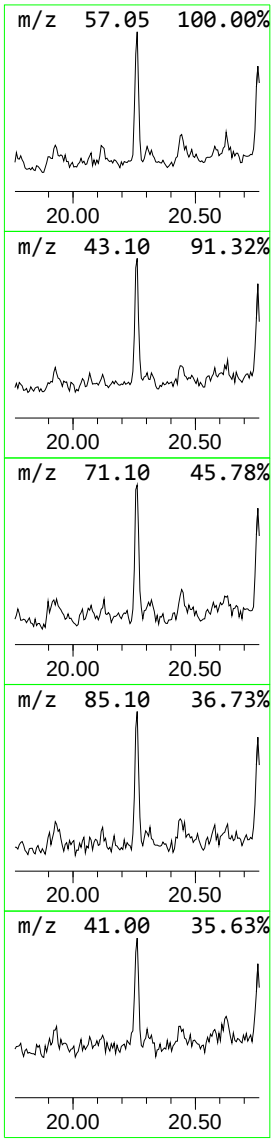
Peak Number 19 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.262	6.23 ng	174106	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	91
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4	Nonadecane	268	C19H40	000629-92-5	89
5	4-Methylheneicosane	310	C22H46	025117-29-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061024.D
Acq On : 24 Apr 2024 14:00
Operator : MA/JU
Sample : P2225-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-042224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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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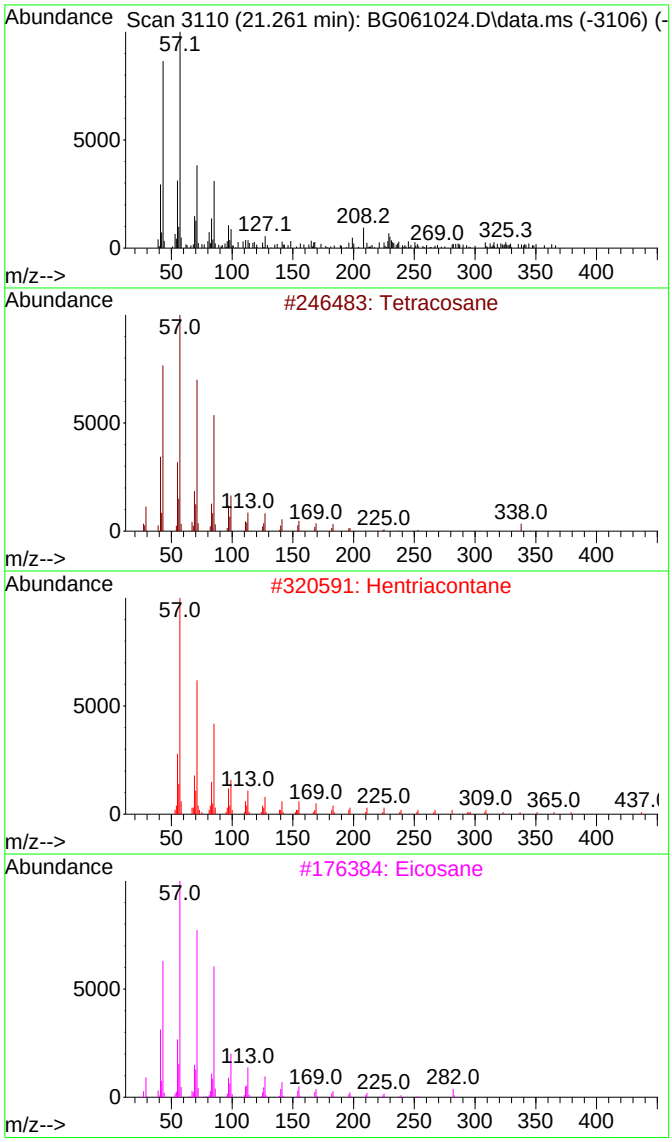
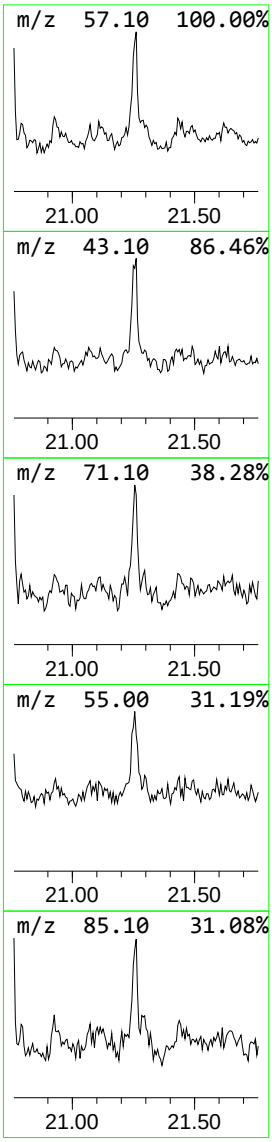
Peak Number 20 Tetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.261	4.67 ng	130540	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	64
2	Hentriacontane	437	C31H64	000630-04-6	58
3	Eicosane	282	C20H42	000112-95-8	53
4	Pentadecane	212	C15H32	000629-62-9	52
5	Docosane, 5-butyl-	366	C26H54	055282-16-1	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061024.D
Acq On : 24 Apr 2024 14:00
Operator : MA/JU
Sample : P2225-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-042224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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
Naphthalene, 1,...	11.930	5.0	ng	88990	2	10.738	357053	20.0
Tridecane	12.166	9.3	ng	166241	2	10.738	357053	20.0
Naphthalene, 1,...	12.647	4.8	ng	85331	2	10.738	357053	20.0
unknown13.123	13.123	4.7	ng	101790	3	14.574	433695	20.0
Decane	13.405	13.1	ng	283320	3	14.574	433695	20.0
1-Iodo-2-methyl...	14.063	5.2	ng	113355	3	14.574	433695	20.0
Pentadecane	14.480	19.8	ng	429022	3	14.574	433695	20.0
Dodecane, 2-met...	15.097	6.3	ng	135764	3	14.574	433695	20.0
Hexadecane	15.432	23.5	ng	509193	3	14.574	433695	20.0
Octane, 4-ethyl-	15.838	10.9	ng	235441	3	14.574	433695	20.0
Sulfurous acid,...	15.990	4.4	ng	95113	4	17.318	432181	20.0
Tridecane, 2-me...	16.296	31.6	ng	681909	4	17.318	432181	20.0
Nonadecane	17.089	26.2	ng	566110	4	17.318	432181	20.0
Tetradecane, 3-...	17.142	12.5	ng	269586	4	17.318	432181	20.0
Nonadecane, 2-m...	17.829	23.3	ng	502928	4	17.318	432181	20.0
n-Hexadecanoic ...	18.223	10.4	ng	223756	4	17.318	432181	20.0
Hexadecane, 2-m...	18.523	20.4	ng	441688	4	17.318	432181	20.0
Tridecane, 7-he...	19.151	26.3	ng	567315	4	17.318	432181	20.0
Octadecane	20.262	6.2	ng	174106	5	21.578	559082	20.0
Tetracosane	21.261	4.7	ng	130540	5	21.578	559082	20.0