LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061028.D
Acq On : 24 Apr 2024 18:14
Operator : MA/JU
Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-042324

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: BG061028.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.166	24	30	37	rVB3	22347	49723	2.24%	0.310%
2	5.528	425	432	441	rBV	358916	594181	26.75%	3.702%
3	7.108	694	701	712	rBV	388764	663274	29.86%	4.133%
4	7.937	834	842	849	rBV	114075	192685	8.67%	1.201%
5	9.094	1023	1039	1046	rBV	251155	454813	20.47%	2.834%
6	9.658	1126	1135	1140	rVB9	12886	26808	1.21%	0.167%
7	9.923	1176	1180	1189	rBV6	9283	22250	1.00%	0.139%
8	10.504	1274	1279	1291	rVB7	15268	36257	1.63%	0.226%
9	10.733	1308	1318	1324	rBV	146273	284216	12.79%	1.771%
10	11.444	1427	1439	1447	rBV	10352	38947	1.75%	0.243%
11	11.656	1471	1475	1484	rVB8	10066	23250	1.05%	0.145%
12	11.773	1489	1495	1499	rBV4	12777	27282	1.23%	0.170%
13	11.926	1512	1521	1528	rBV8	16971	39632	1.78%	0.247%
14	12.161	1556	1561	1566	rBV3	21983	35430	1.59%	0.221%
15	12.649	1639	1644	1649	rVB5	23531	40120	1.81%	0.250%
16	13.066	1710	1715	1719	rBV4	12650	23257	1.05%	0.145%
17	13.119	1720	1724	1729	rVV3	28113	41703	1.88%	0.260%
18	13.195	1730	1737	1744	rVB	679508	1027682	46.26%	6.404%
19	13.407	1767	1773	1779	rVB	44515	67012	3.02%	0.418%
20	13.507	1786	1790	1797	rVV4	19307	37672	1.70%	0.235%
21	13.730	1823	1828	1834	rBV9	12687	26311	1.18%	0.164%
22	13.853	1844	1849	1852	rBV7	14495	29101	1.31%	0.181%
23	14.065	1882	1885	1889	rVV5	20131	22927	1.03%	0.143%
24	14.482	1951	1956	1960	rVB	84010	114333	5.15%	0.712%
25	14.570	1960	1971	1977	rBV	241394	409374	18.43%	2.551%
26	14.793	2001	2009	2016	rVB	18475	46763	2.11%	0.291%
27	14.946	2025	2035	2037	rBV10	18941	48302	2.17%	0.301%
28	14.981	2037	2041	2046	rVB5	21551	38501	1.73%	0.240%
29	15.105	2057	2062	2070	rVB7	25156	52461	2.36%	0.327%
30	15.434	2113	2118	2123	rVB	103894	136684	6.15%	0.852%
31	15.839	2181	2187	2192	rVB	43804	76284	3.43%	0.475%
32	15.986	2209	2212	2218	rBV6	20591	36293	1.63%	0.226%
33	16.062	2218	2225	2231	rVV	632345	983150	44.26%	6.126%
34	16.297	2261	2265	2268	rBV	129725	193959	8.73%	1.209%
35	17.091	2394	2400	2404	rBV	129250	174554	7.86%	1.088%
36	17.138	2404	2408	2419	rVB3	56735	112670	5.07%	0.702%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061028.D
Acq On : 24 Apr 2024 18:14
Operator : MA/JU
Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-042324

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	17.320	2433	2439	2443	rBV	282107	426818	19.21%	2.660%
38	17.361	2443	2446	2451	rVB	91669	125387	5.64%	0.781%
39	17.449	2458	2461	2468	rVB	16795	27733	1.25%	0.173%
40	17.625	2489	2491	2497	rVB7	15152	22655	1.02%	0.141%
41	17.831	2522	2526	2531	rVB	118943	141907	6.39%	0.884%
42	18.001	2550	2555	2560	rVB	350284	431795	19.44%	2.691%
43	18.225	2584	2593	2600	rBV2	187094	323337	14.56%	2.015%
44	18.383	2617	2620	2624	rBV3	22077	40341	1.82%	0.251%
45	18.424	2626	2627	2633	rVB4	32861	32882	1.48%	0.205%
46	18.524	2639	2644	2651	rBV	112710	162872	7.33%	1.015%
47	18.988	2719	2723	2727	rBV4	24057	35761	1.61%	0.223%
48	19.141	2744	2749	2752	rBV	1725282	2221440	100.00%	13.842%
49	19.176	2752	2755	2763	rVB2	1176130	1521106	68.47%	9.478%
50	19.306	2773	2777	2782	rBV	179607	212578	9.57%	1.325%
51	19.376	2782	2789	2797	rBV	284474	466373	20.99%	2.906%
52	19.500	2806	2810	2819	rBV3	62266	90994	4.10%	0.567%
53	19.705	2842	2845	2846	rBV	42232	42998	1.94%	0.268%
54	19.735	2846	2850	2859	rVB2	242289	395788	17.82%	2.466%
55	19.940	2877	2885	2890	rBV	1225111	1687731	75.97%	10.517%
56	20.234	2932	2935	2937	rVB2	34973	34779	1.57%	0.217%
57	20.263	2937	2940	2943	rBV	42852	43799	1.97%	0.273%
58	21.256	3104	3109	3115	rBV4	79627	129237	5.82%	0.805%
59	21.579	3157	3164	3169	rBV2	338135	723067	32.55%	4.506%
60	21.621	3169	3171	3184	rVB	118871	198541	8.94%	1.237%
61	24.711	3692	3697	3706	rVB2	111215	280590	12.63%	1.748%

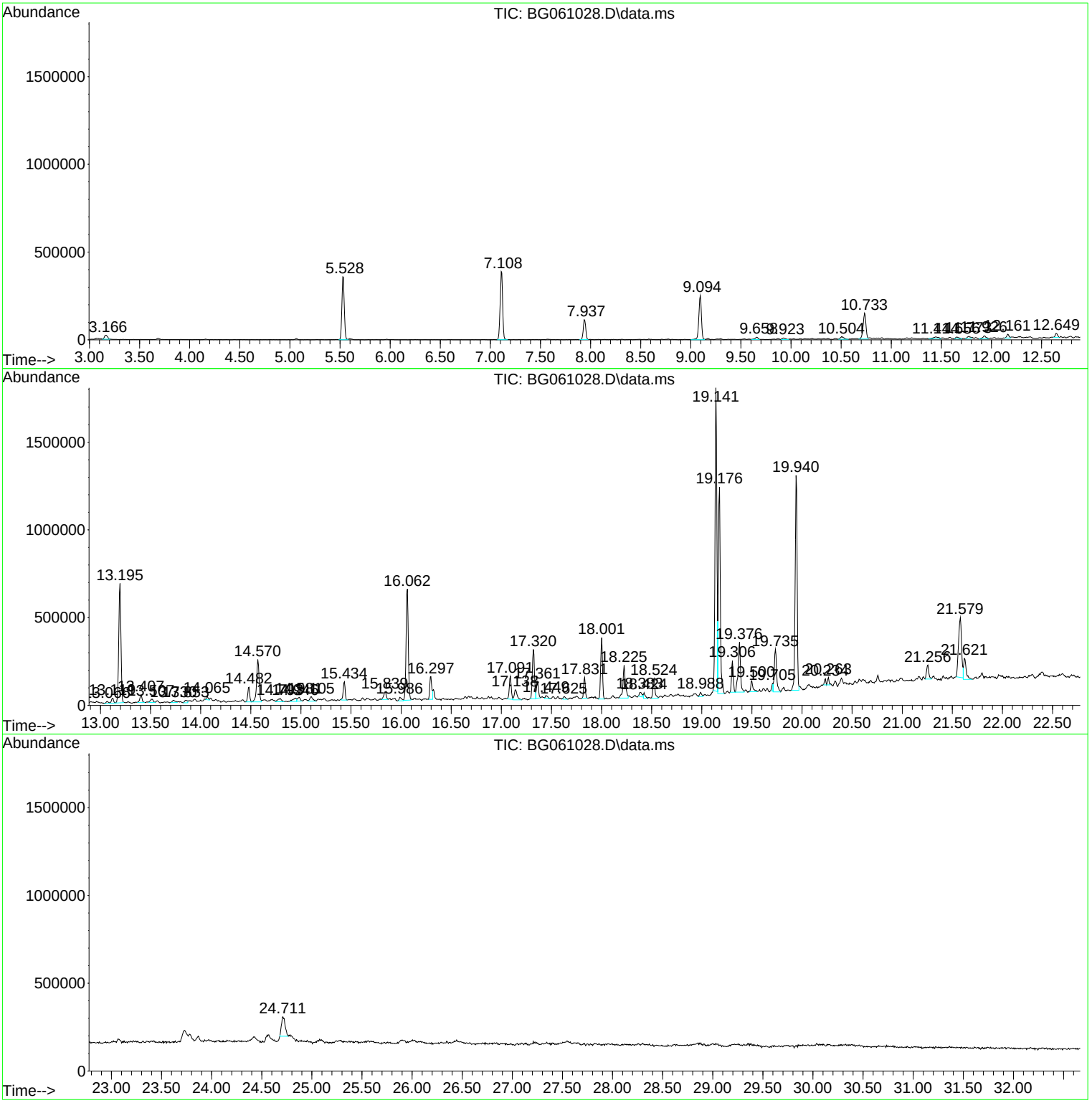
Sum of corrected areas: 16048370

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061028.D
Acq On : 24 Apr 2024 18:14
Operator : MA/JU
Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-042324

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 : BG061028.D
Acq On : 24 Apr 2024 18:14
Operator : MA/JU
Sample : P2240-02
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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

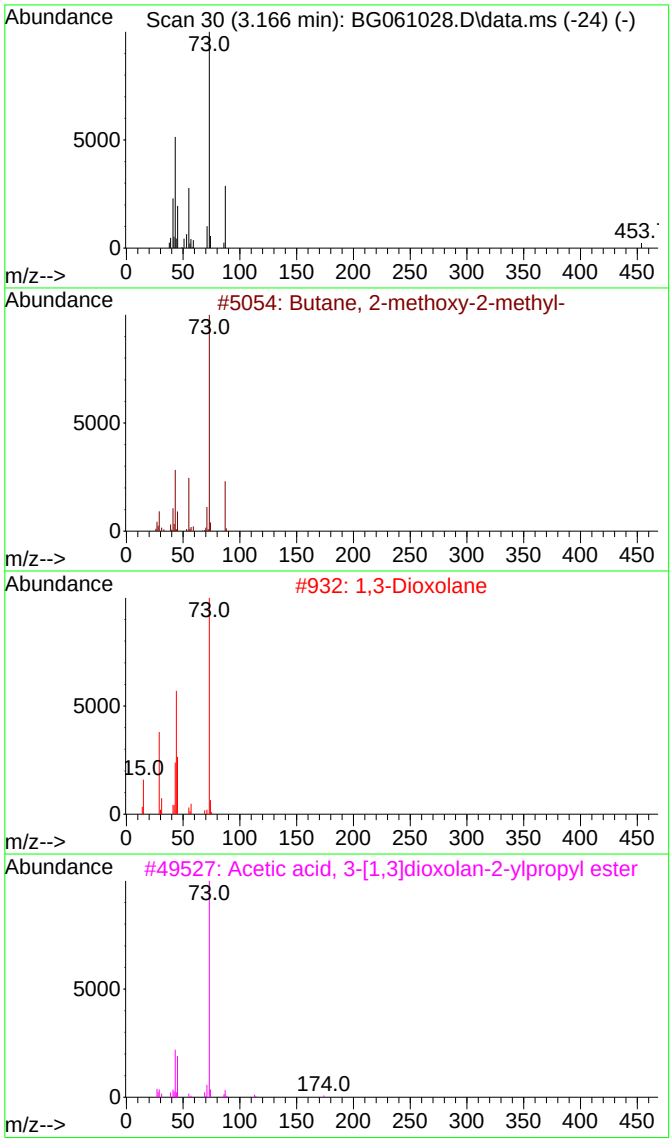
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

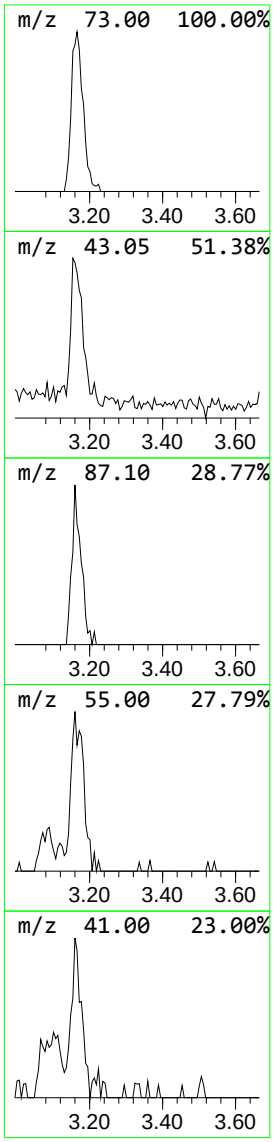
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.166	5.16 ng	49723	1,4-Dichlorobenzene-d4	7.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane	74	C3H6O2	000646-06-0	37
3	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	33
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061028.D
Acq On : 24 Apr 2024 18:14
Operator : MA/JU
Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-042324

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

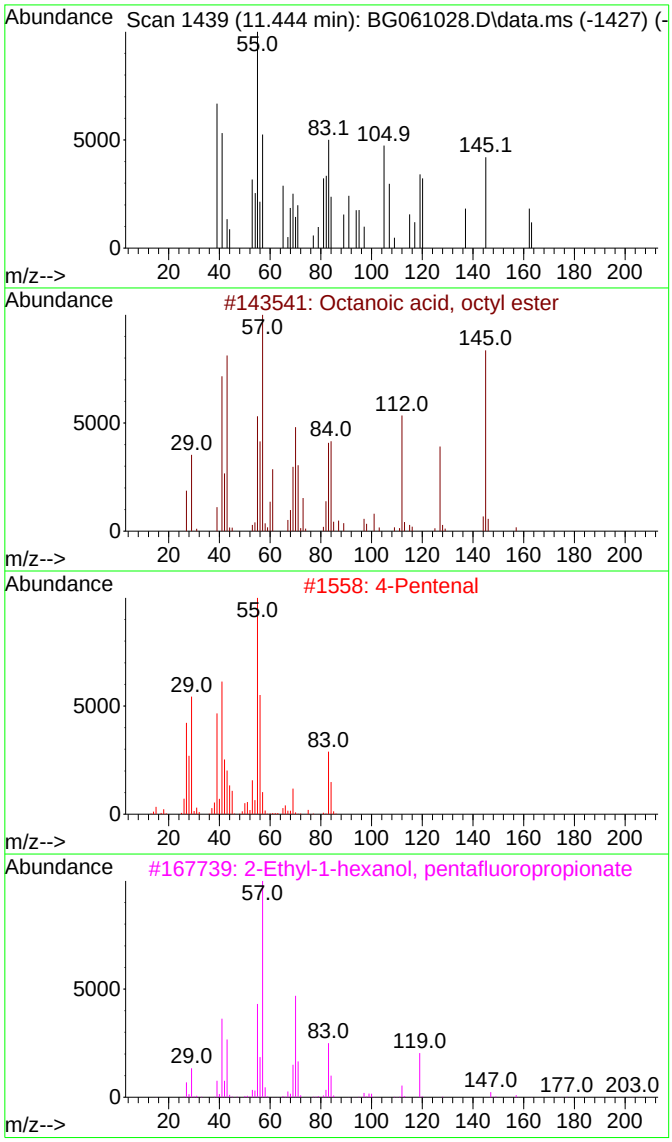
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

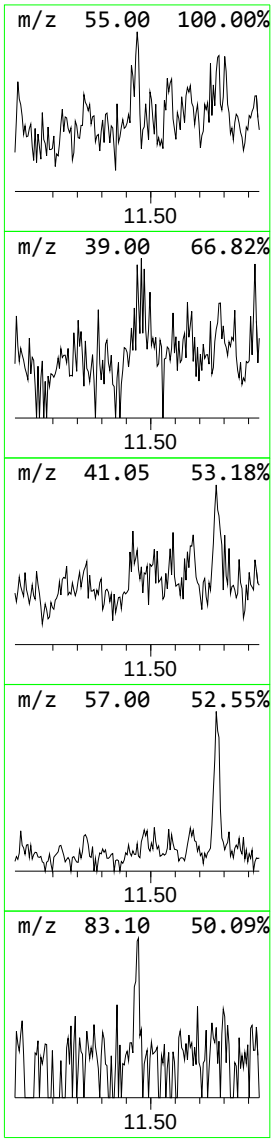
****

Peak Number 2 unknown11.444 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.444	2.74 ng	38947	Naphthalene-d8	10.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, octyl ester	256	C16H32O2	002306-88-9	16
2	4-Pentenal	84	C5H8O	002100-17-6	14
3	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	12
4	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	10
5	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061028.D
Acq On : 24 Apr 2024 18:14
Operator : MA/JU
Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-042324

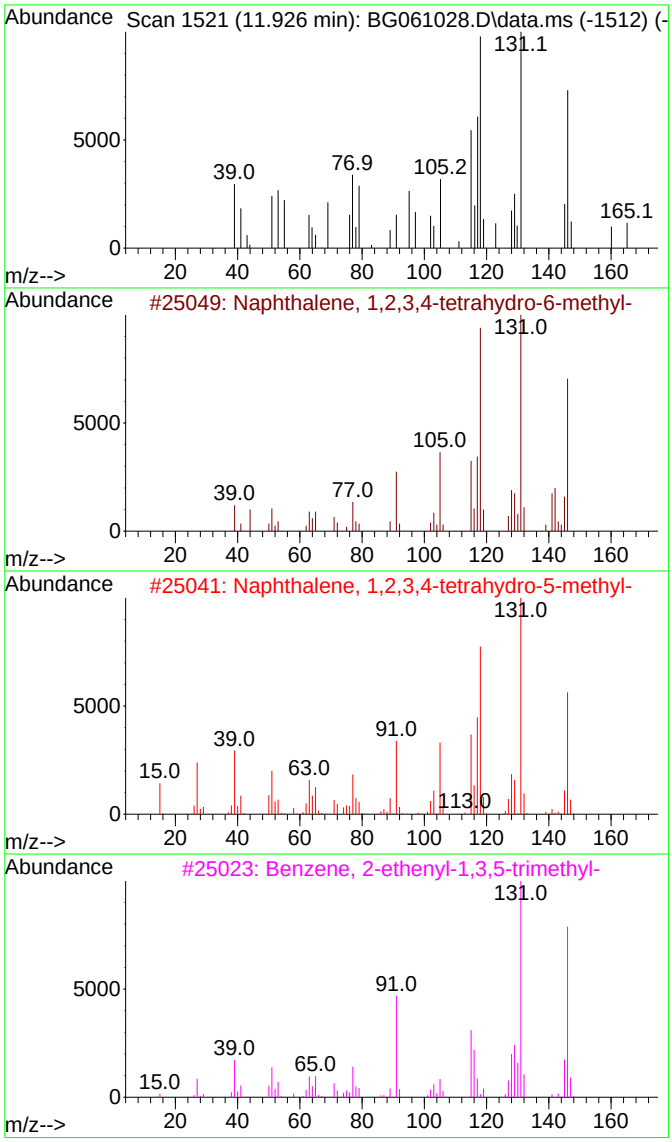
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

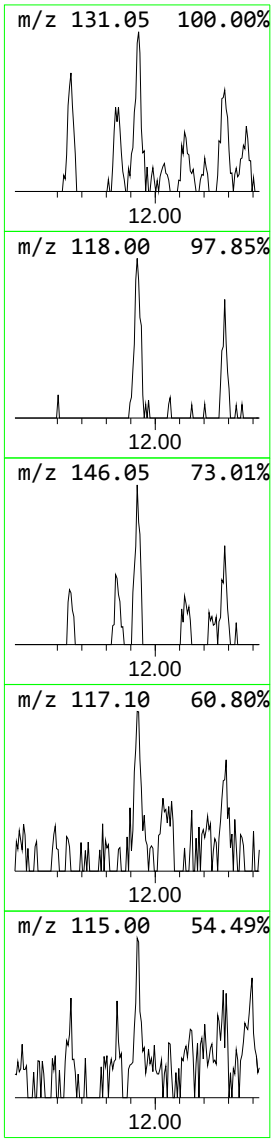
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.926	2.79 ng	39632	Naphthalene-d8	10.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
4	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	50
5	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061028.D
Acq On : 24 Apr 2024 18:14
Operator : MA/JU
Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-042324

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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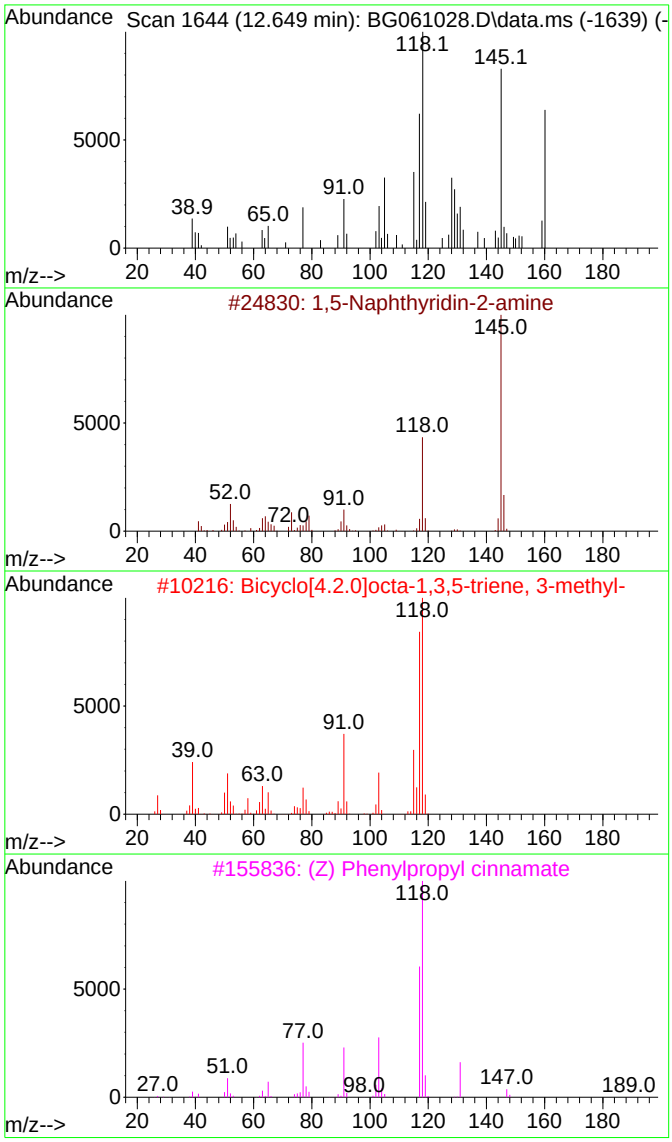
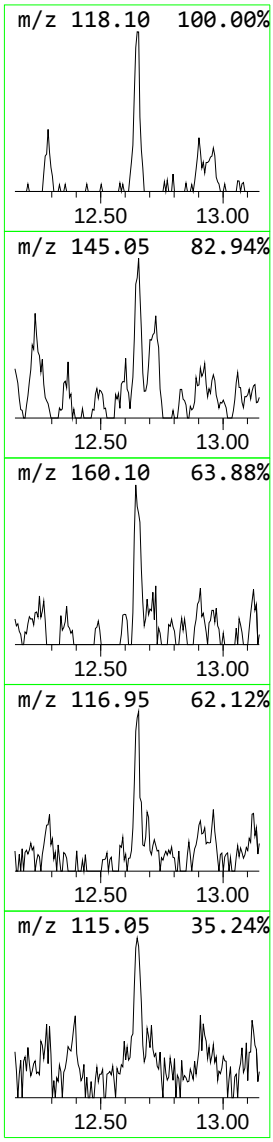
Peak Number 4 unknown12.649 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.649	2.82 ng	40120	Naphthalene-d8	10.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Naphthyridin-2-amine	145	C8H7N3	017965-80-9	38
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	38
3	(Z) Phenylpropyl cinnamate	266	C18H18O2	1000414-29-1	35
4	3-Phenylpropyl cinnamate, (E)-	266	C18H18O2	290311-72-7	35
5	2-Propenoic acid, 3-phenyl-, 3-p...	266	C18H18O2	000122-68-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061028.D
Acq On : 24 Apr 2024 18:14
Operator : MA/JU
Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-042324

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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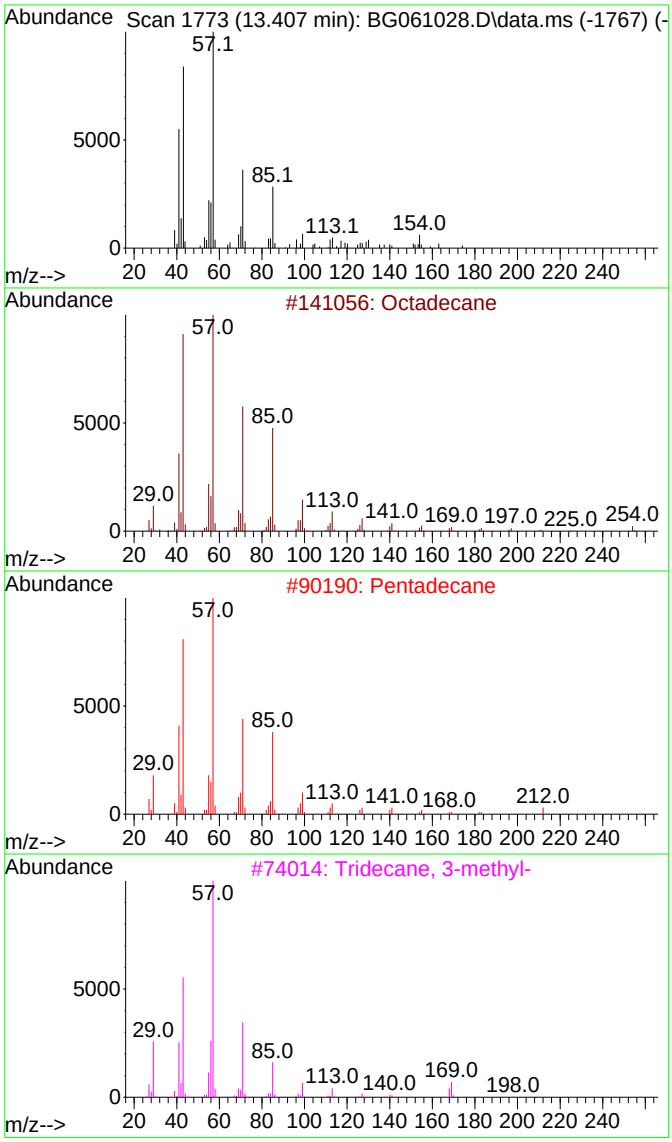
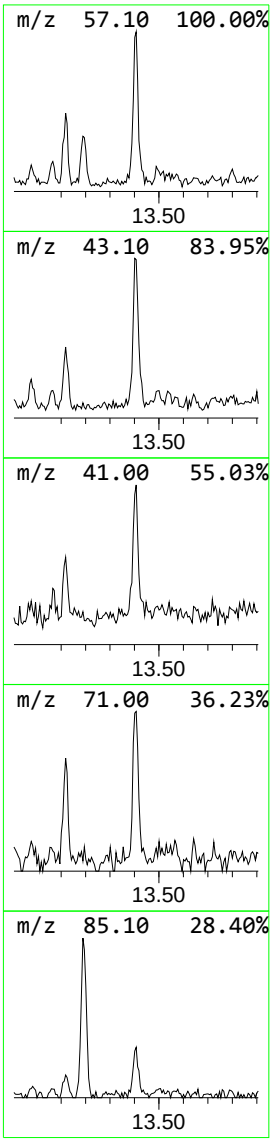
Peak Number 5 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.407	3.27 ng	67012	Acenaphthene-d10	14.570

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	59
2	Pentadecane	212	C15H32	000629-62-9	59
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
4	1-Iodoundecane	282	C11H23I	004282-44-4	50
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061028.D
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
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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

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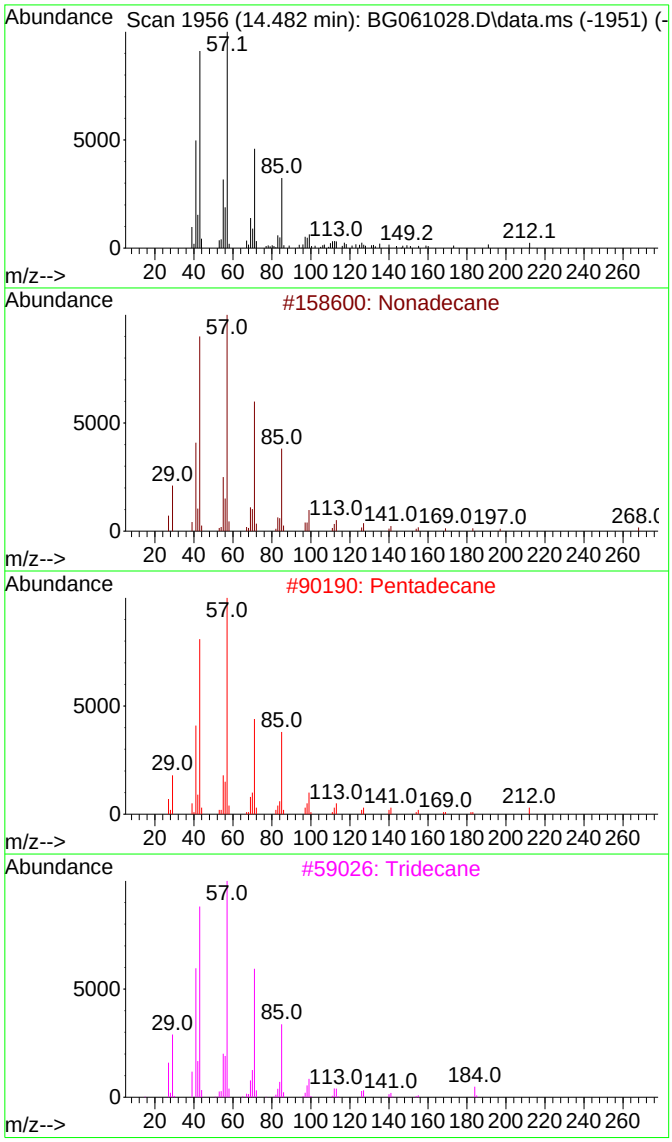
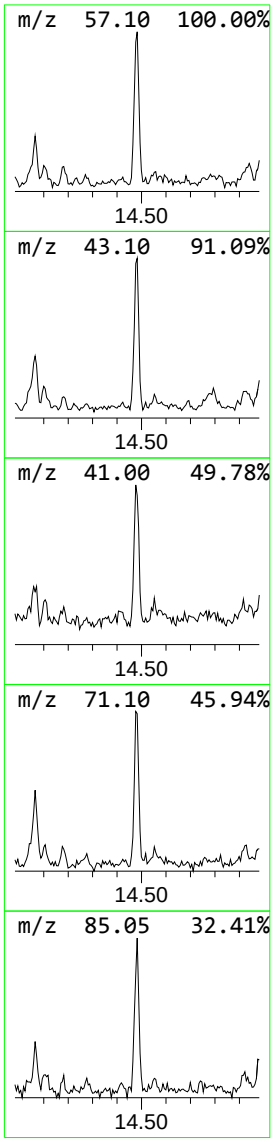
Peak Number 6 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.482	5.59 ng	114333	Acenaphthene-d10	14.570

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Pentadecane	212	C15H32	000629-62-9	87
3	Tridecane	184	C13H28	000629-50-5	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061028.D
Acq On : 24 Apr 2024 18:14
Operator : MA/JU
Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-042324

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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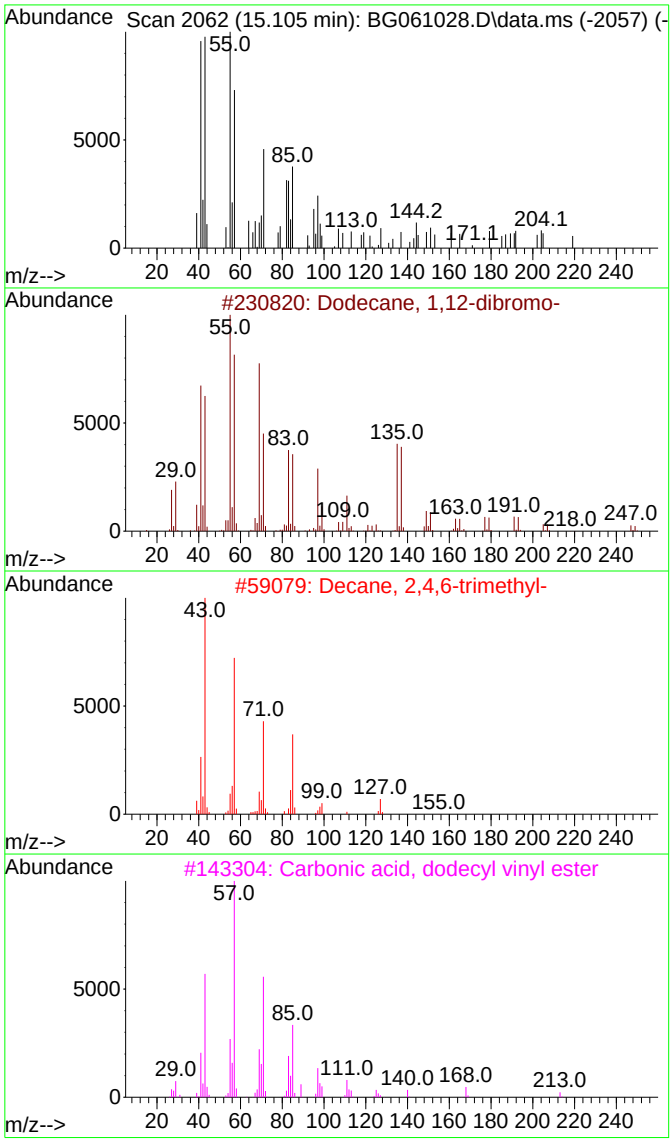
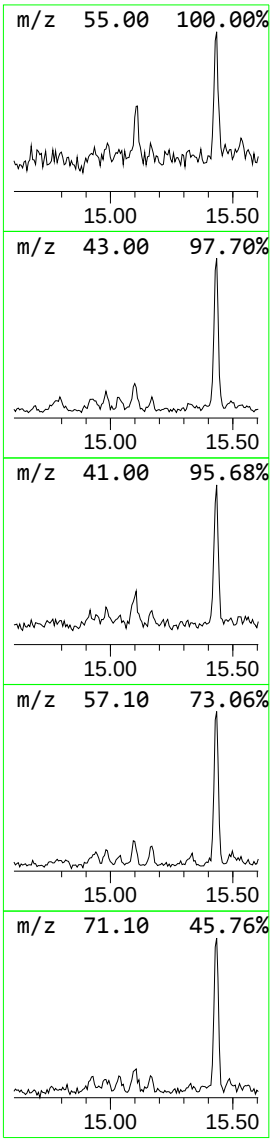
Peak Number 7 unknown15.105 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.105	2.56 ng	52461	Acenaphthene-d10	14.570

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1,12-dibromo-	326	C12H24Br2	003344-70-5	49
2	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	47
3	Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	47
4	Undecane	156	C11H24	001120-21-4	43
5	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061028.D
Acq On : 24 Apr 2024 18:14
Operator : MA/JU
Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-042324

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

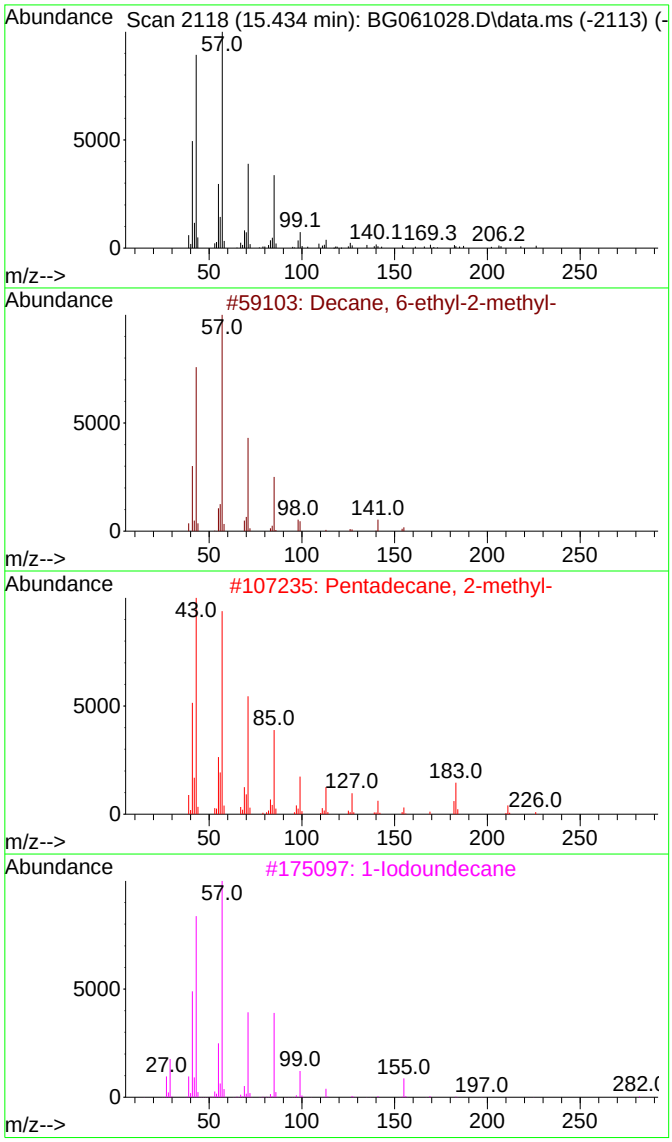
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

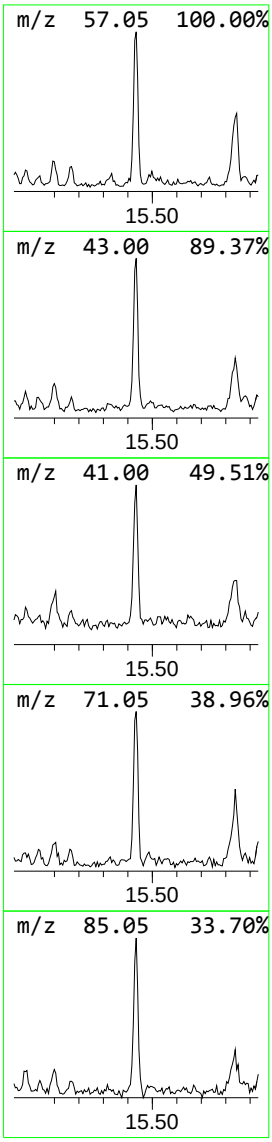
****

Peak Number 8 Decane, 6-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	6.68 ng	136684	Acenaphthene-d10	14.570

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	74
3	1-Iodoundecane	282	C11H23I	004282-44-4	72
4	Hexadecane	226	C16H34	000544-76-3	70
5	Pentadecane	212	C15H32	000629-62-9	64





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Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AU-05-042324

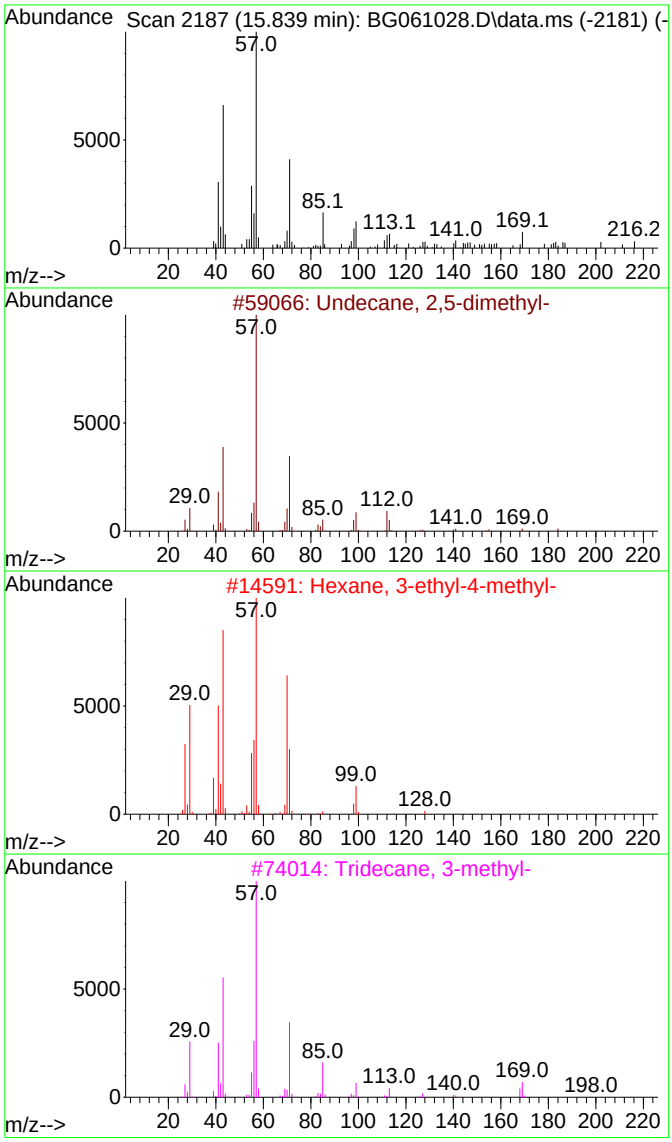
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

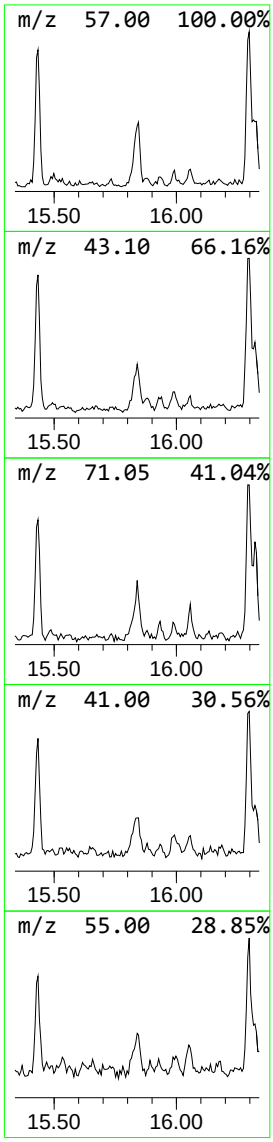
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Undecane, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	3.73 ng	76284	Acenaphthene-d10	14.570

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	80
2	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	64
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62
5	Tridecane	184	C13H28	000629-50-5	58





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Acq On : 24 Apr 2024 18:14
Operator : MA/JU
Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AU-05-042324

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

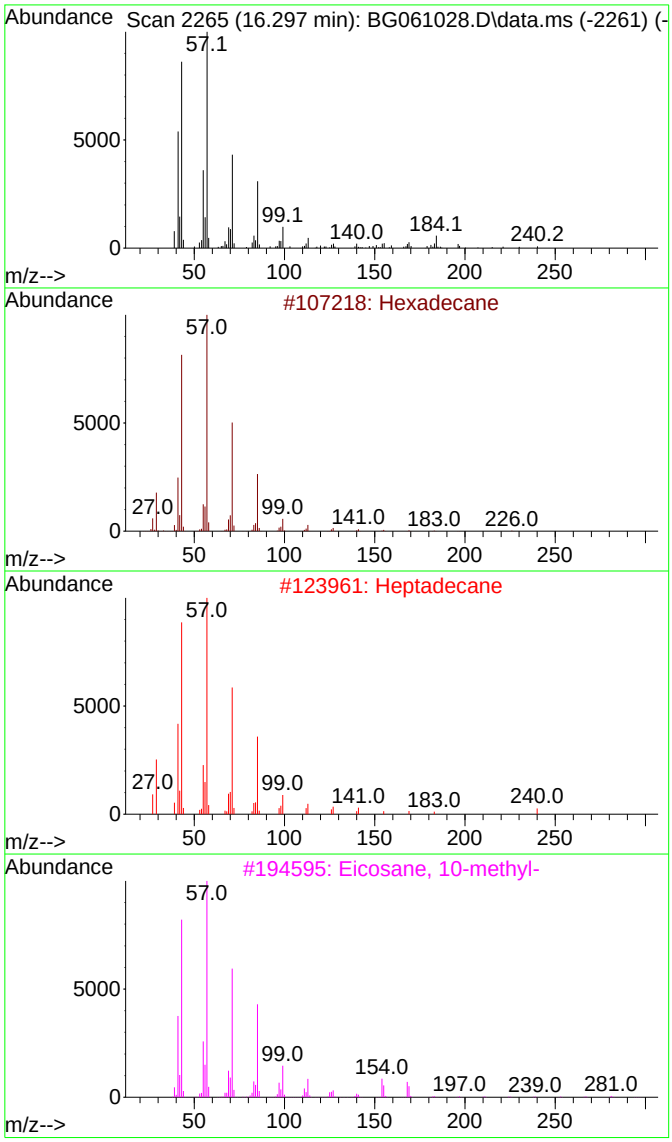
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

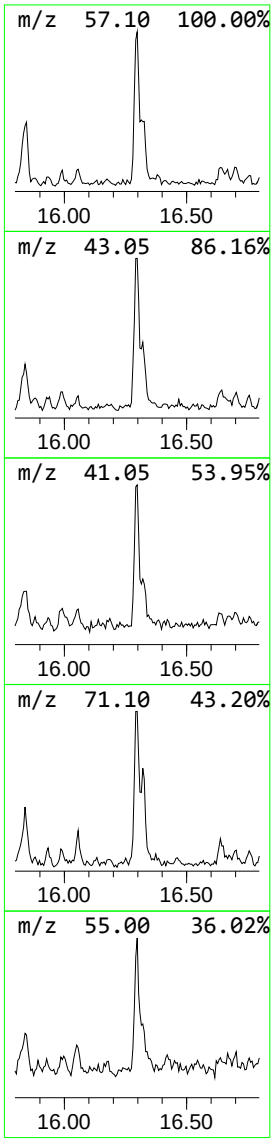
****

Peak Number 10 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.297	9.09 ng	193959	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Heptadecane	240	C17H36	000629-78-7	86
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	80





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Acq On : 24 Apr 2024 18:14
Operator : MA/JU
Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AU-05-042324

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

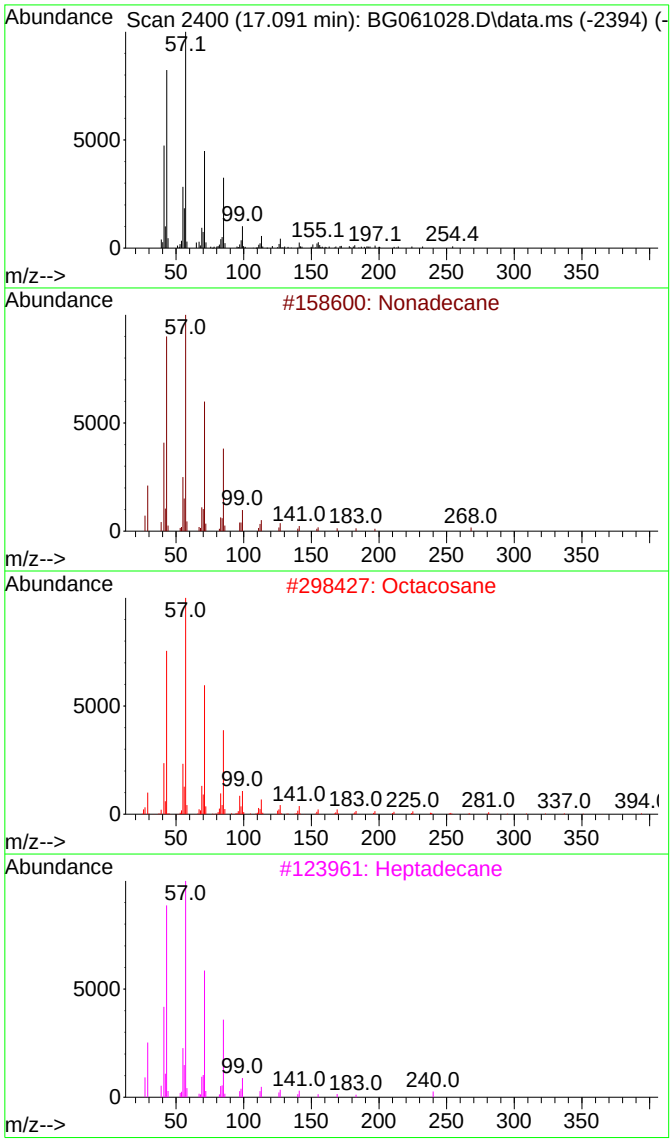
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

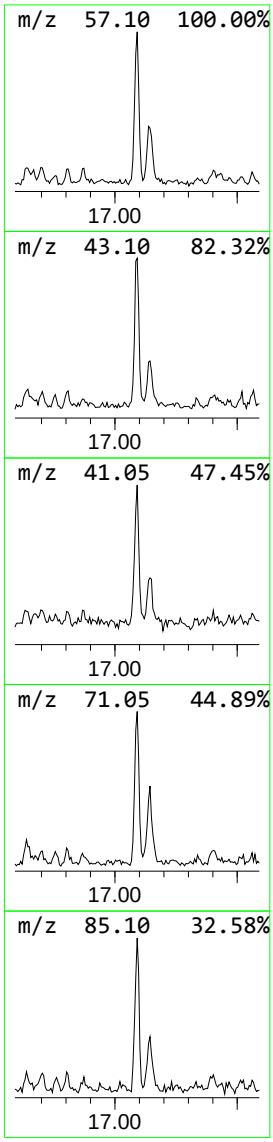
****

Peak Number 11 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.091	8.18 ng	174554	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Pentadecane	212	C15H32	000629-62-9	90





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Operator : MA/JU
Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-042324

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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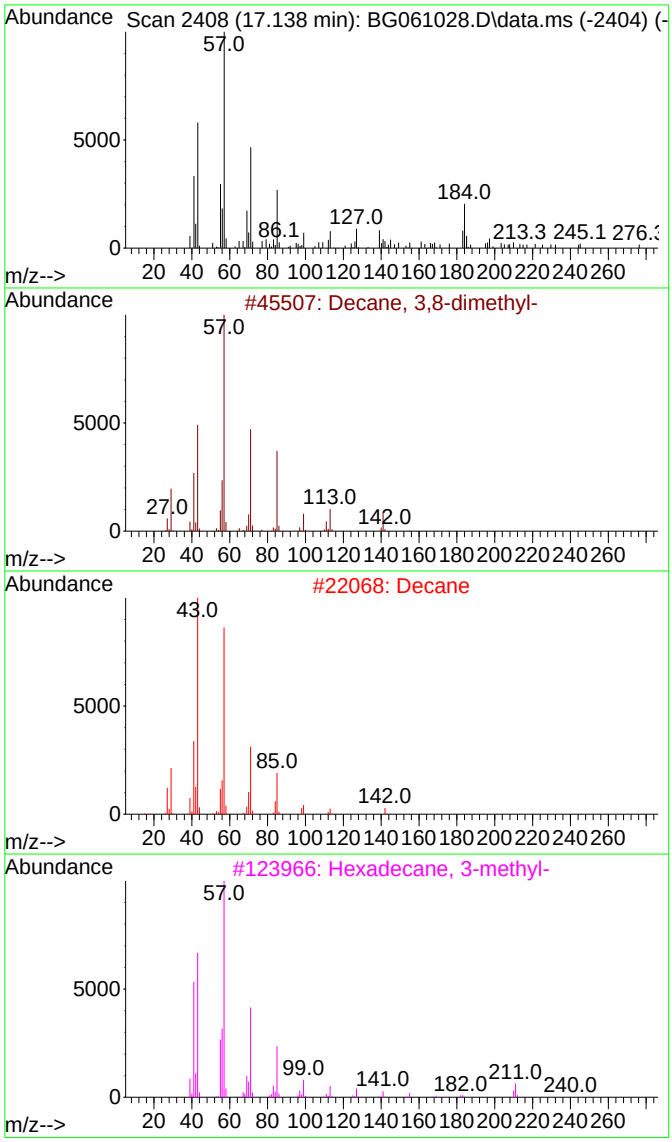
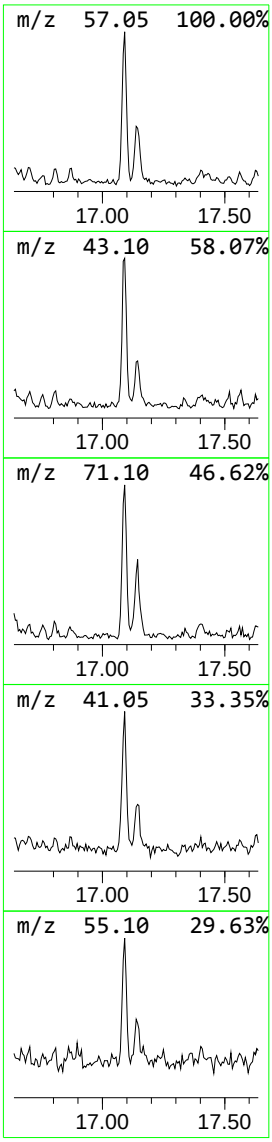
Peak Number 12 Decane, 3,8-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.138	5.28 ng	112670	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
2	Decane	142	C10H22	000124-18-5	53
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	53
4	Hexadecane	226	C16H34	000544-76-3	53
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	53





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Misc :
ALS Vial : 11 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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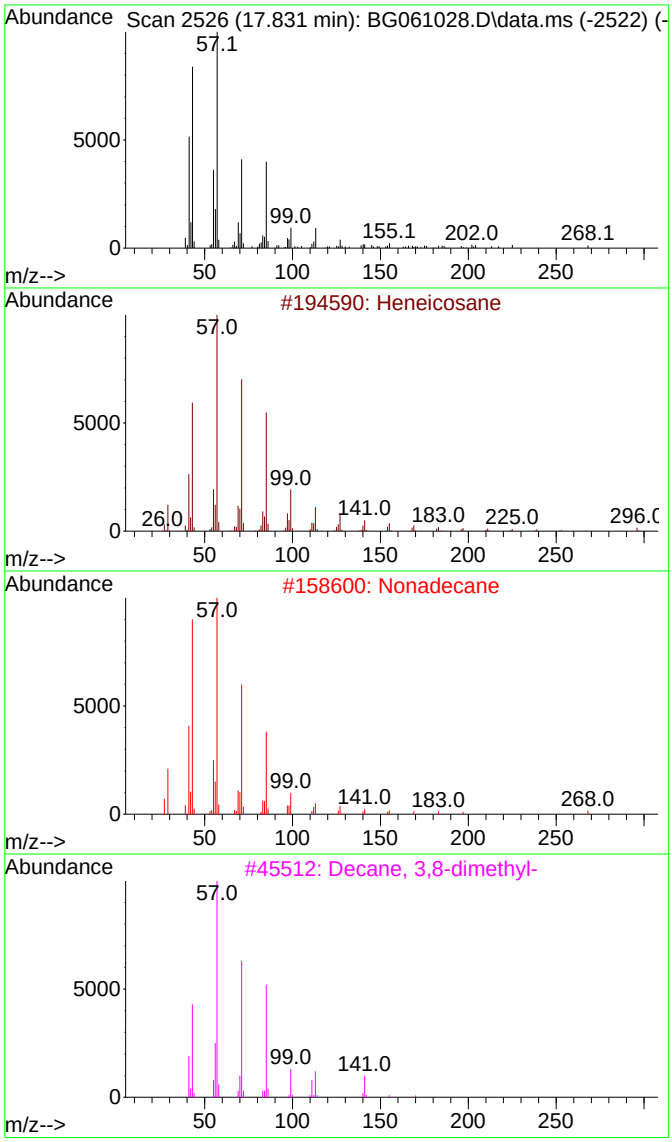
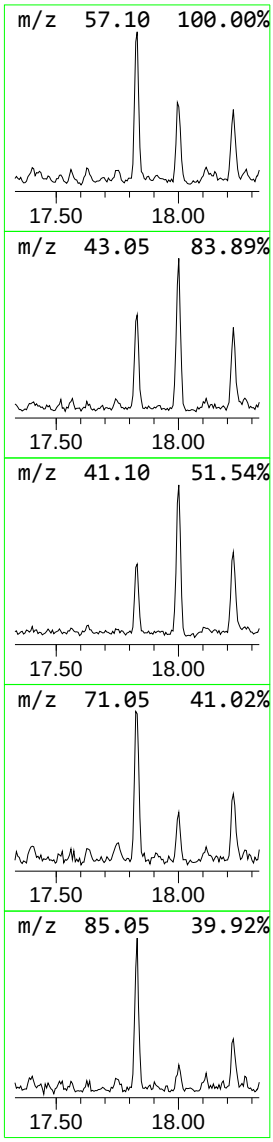
Peak Number 13 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.831	6.65 ng	141907	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Nonadecane	268	C19H40	000629-92-5	86
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	76
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	76
5	Nonane	128	C9H20	000111-84-2	74





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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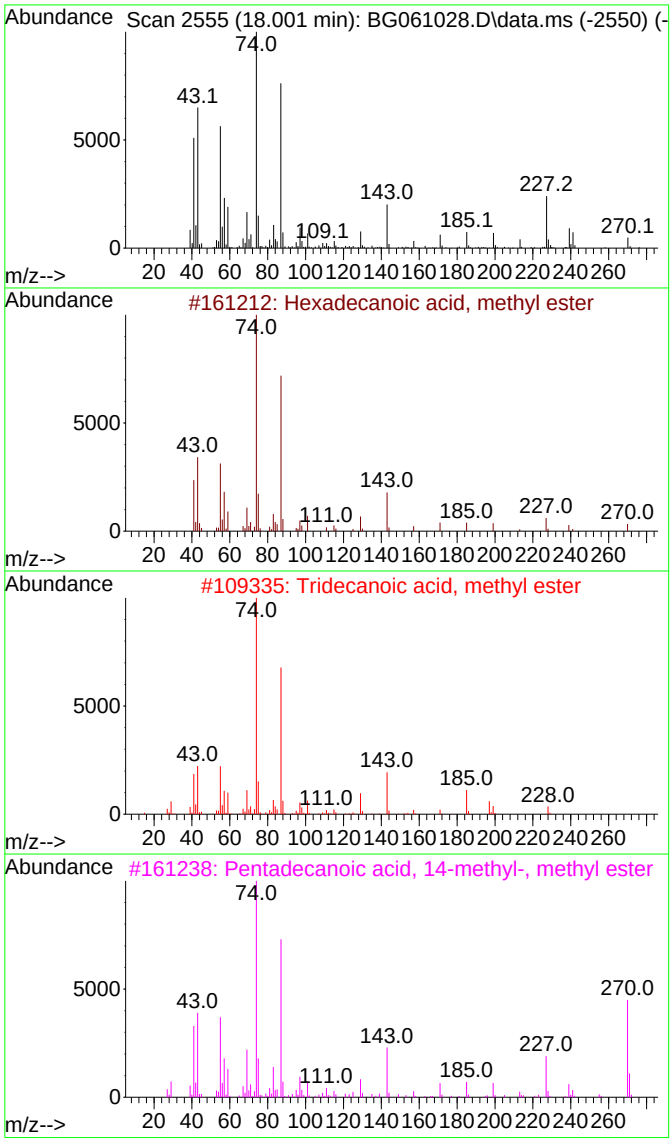
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

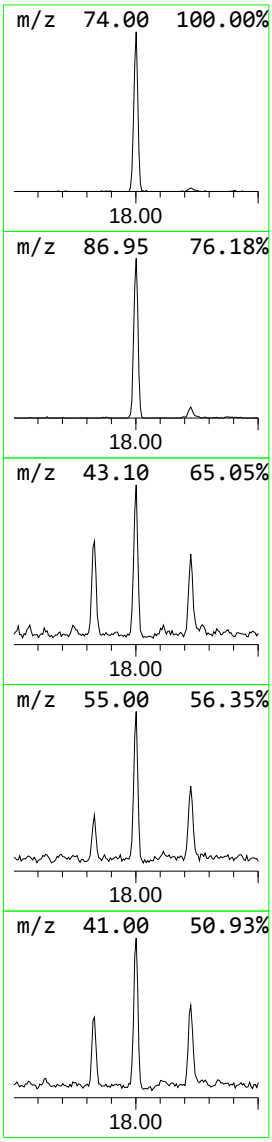
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.001	20.23 ng	431795	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81
5	7-Methyloctanoic acid, methyl ester	172	C10H20O2	005129-53-3	76





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Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

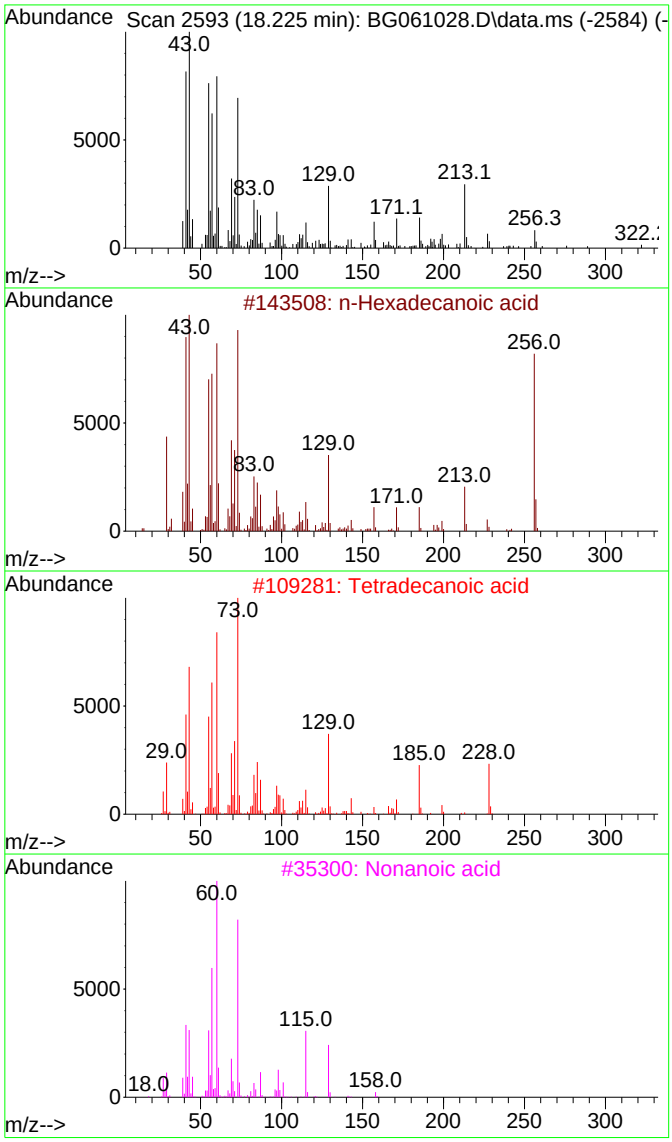
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

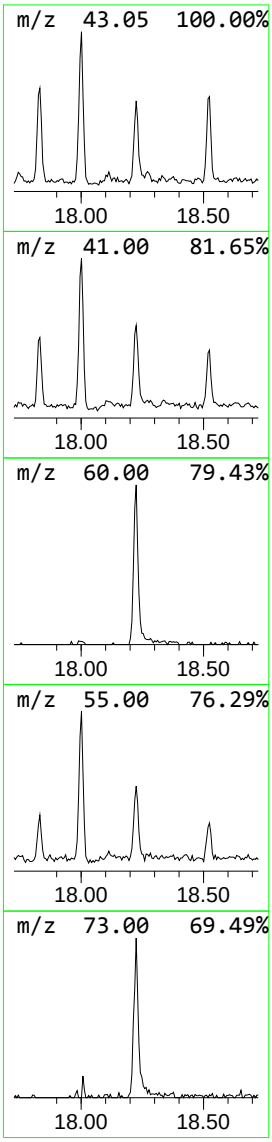
****

Peak Number 15 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.224	15.15 ng	323337	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
3	Nonanoic acid	158	C9H18O2	000112-05-0	53
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	Tridecanoic acid	214	C13H26O2	000638-53-9	49





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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

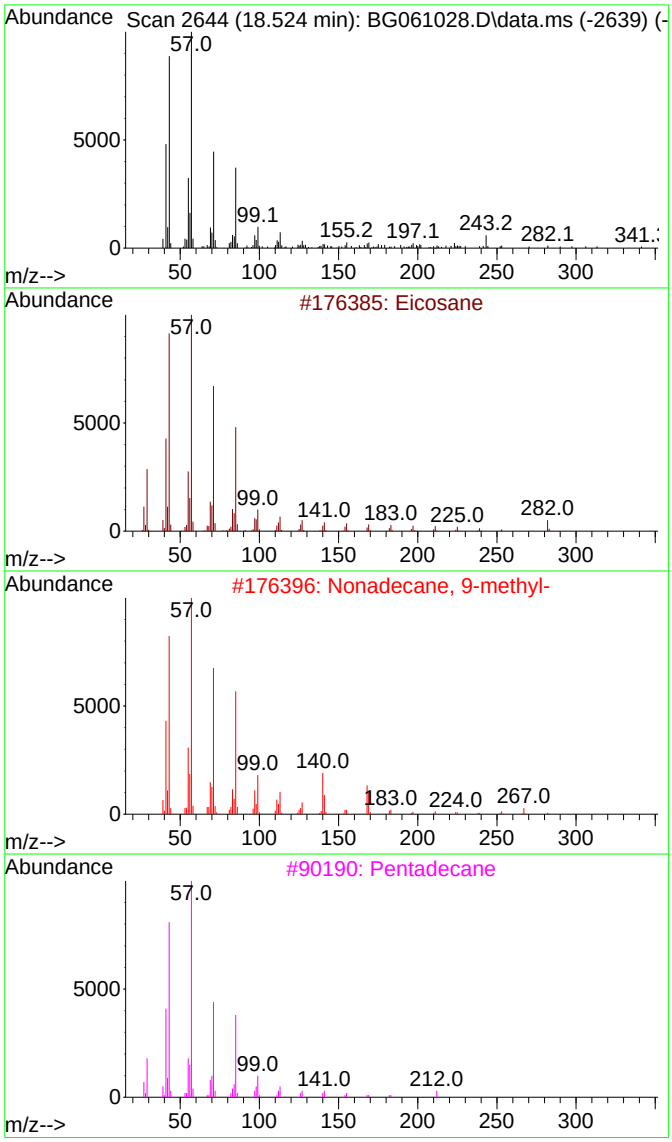
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

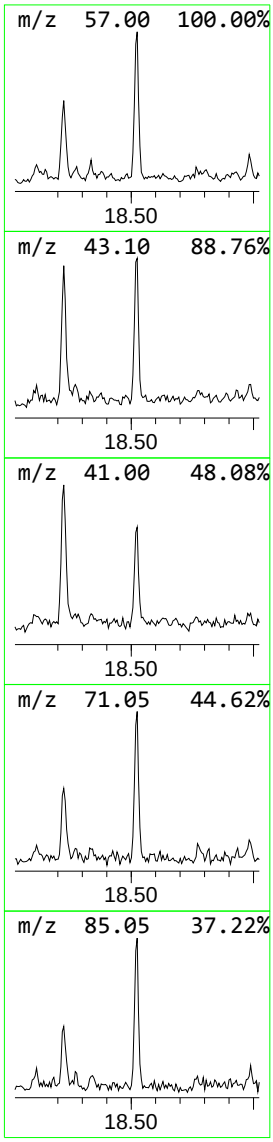
****

Peak Number 16 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.524	7.63 ng	162872	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
3	Pentadecane	212	C15H32	000629-62-9	80
4	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	80
5	Octadecane	254	C18H38	000593-45-3	80





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Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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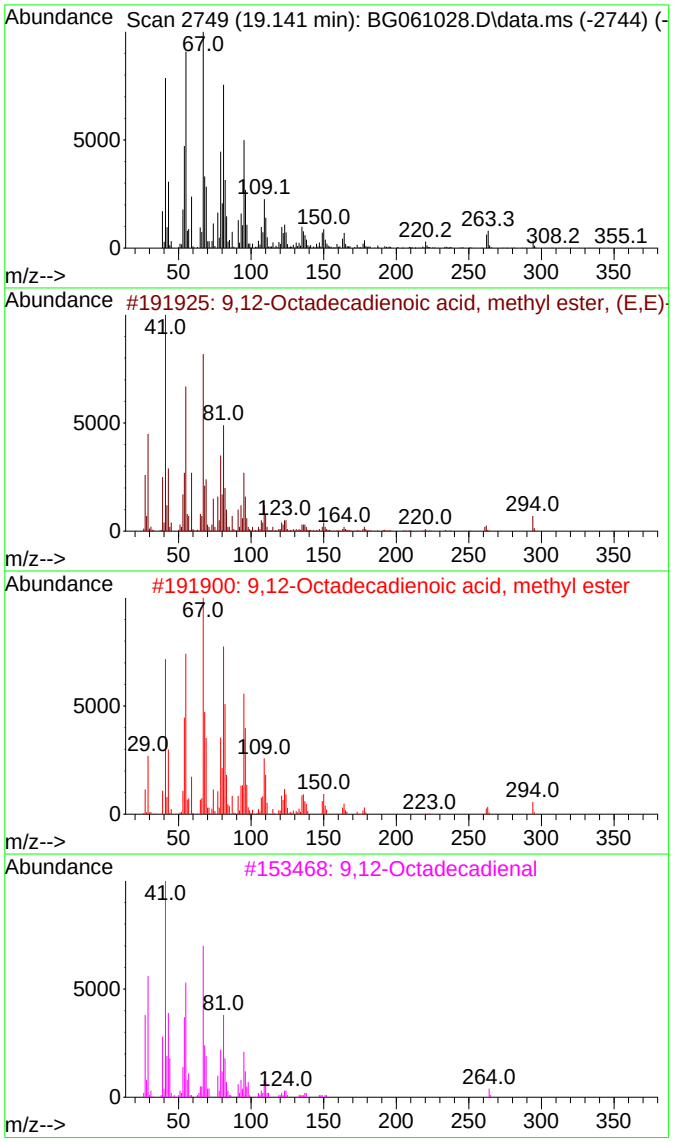
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

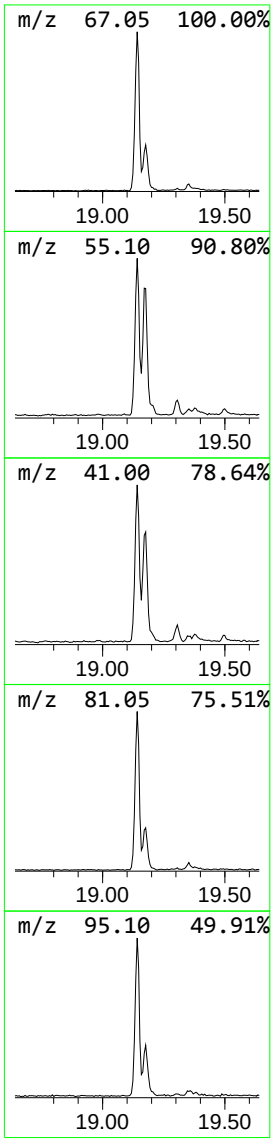
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.141	104.09 ng	2221440	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	96
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	95
3	9,12-Octadecadienal	264	C18H32O	026537-70-2	93
4	13-Tetradece-11-yn-1-ol	208	C14H24O	1000131-00-4	91
5	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	90





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ALS Vial : 11 Sample Multiplier: 1

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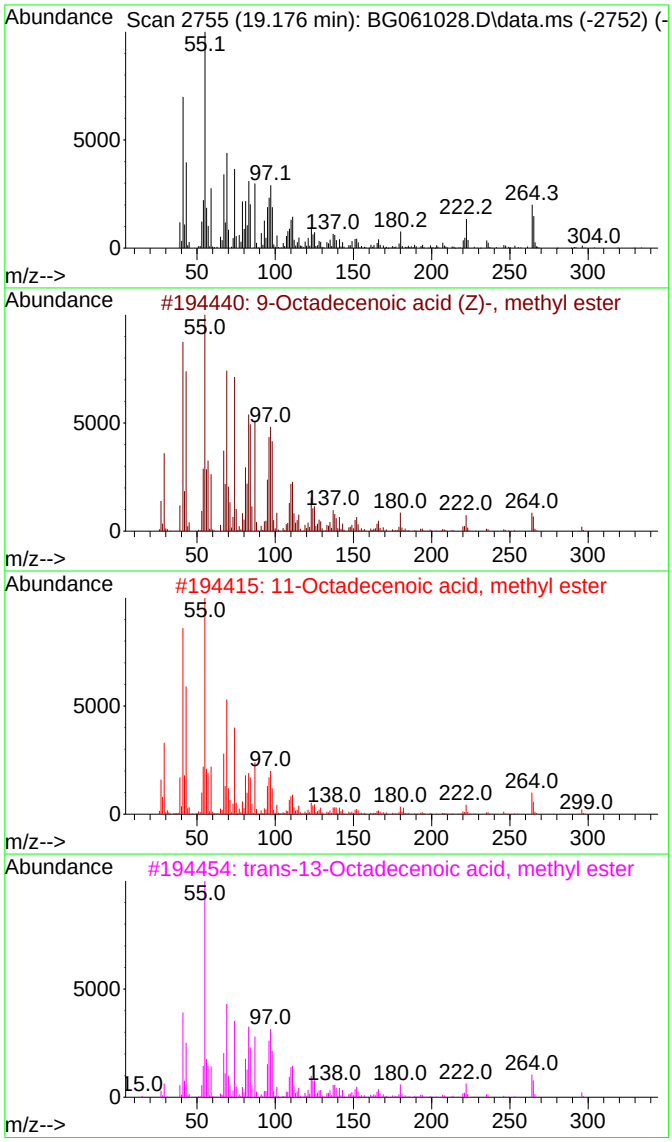
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

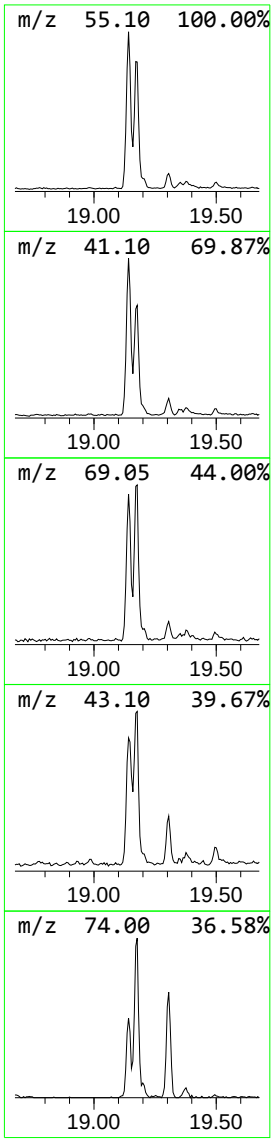
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.176	71.28 ng	1521110	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	97
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91
3	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	90
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	90
5	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	89





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Acq On : 24 Apr 2024 18:14
Operator : MA/JU
Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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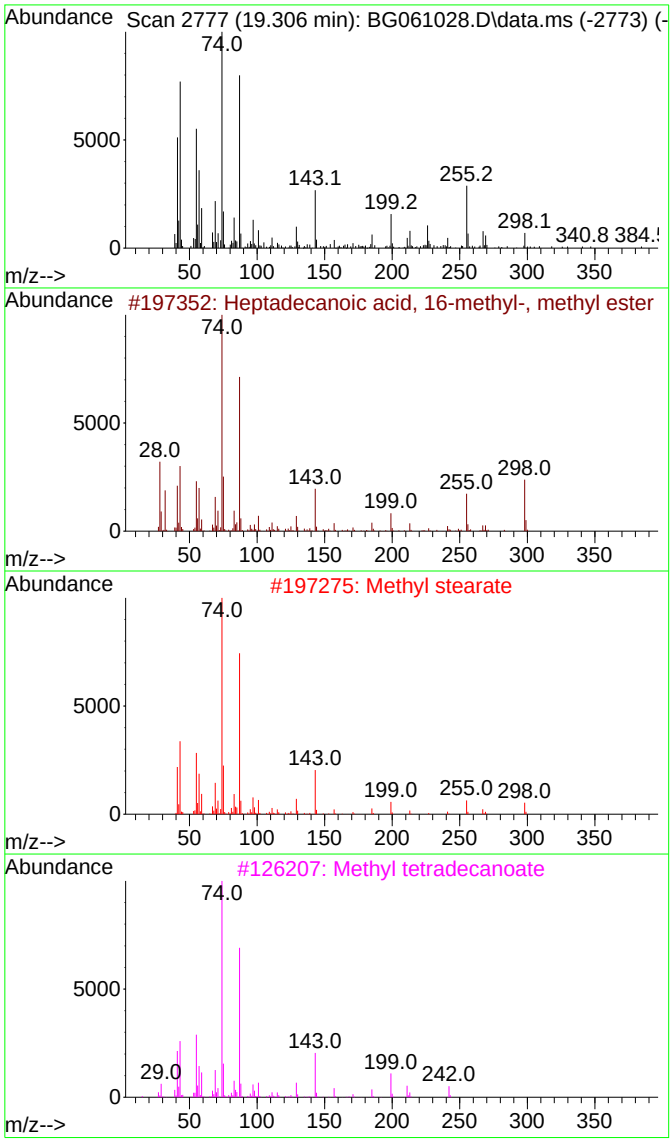
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

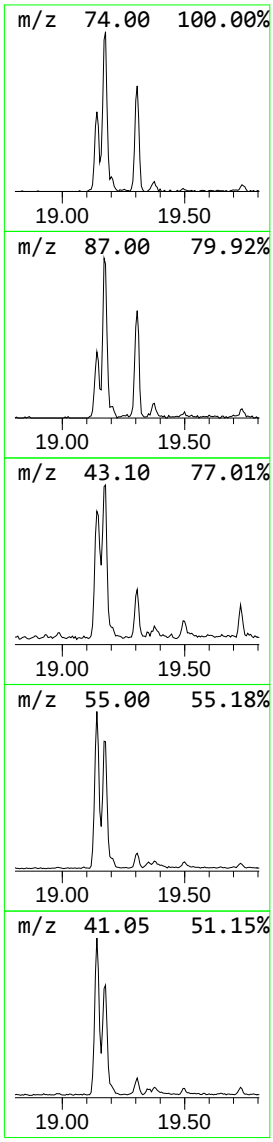
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Heptadecanoic acid, 16-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.306	9.96 ng	212578	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
2	Methyl stearate	298	C19H38O2	000112-61-8	87
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	76
5	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061028.D
Acq On : 24 Apr 2024 18:14
Operator : MA/JU
Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-042324

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

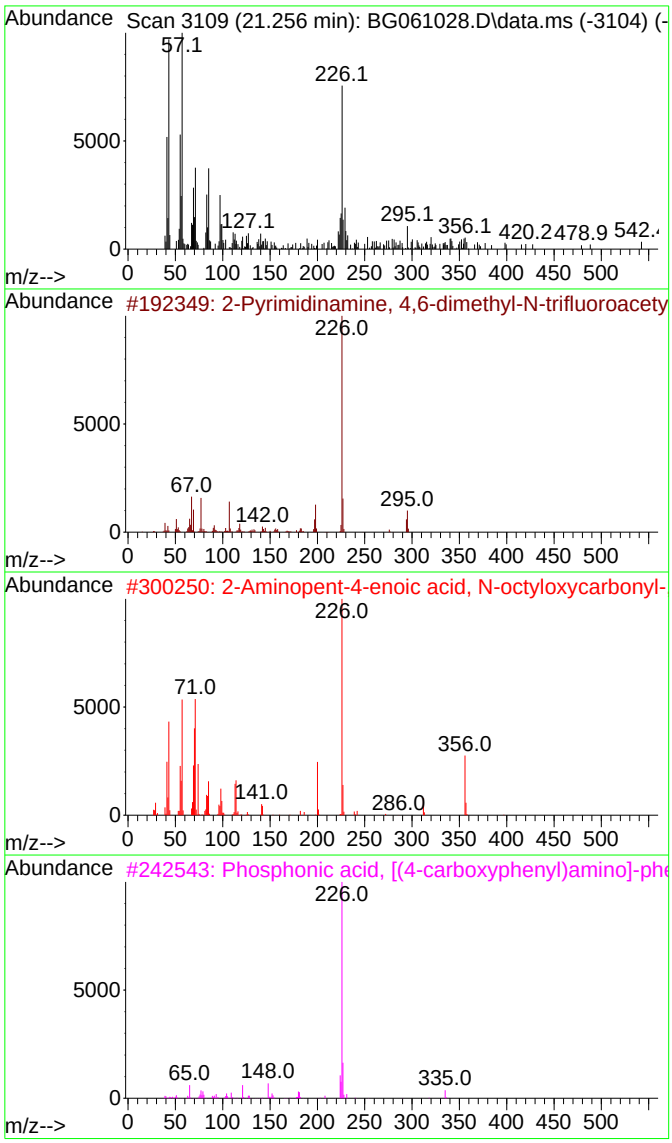
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

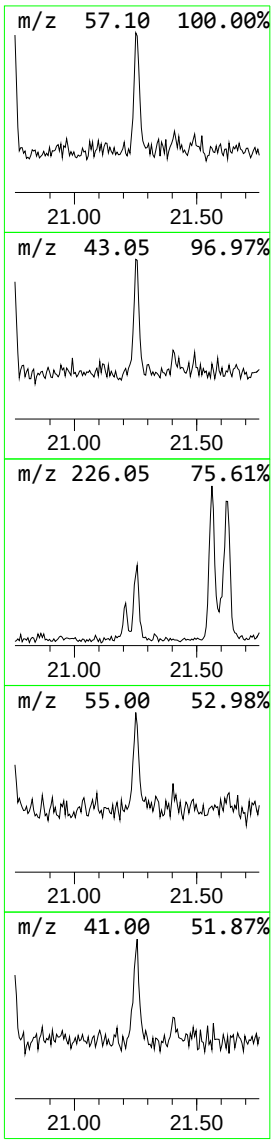
****

Peak Number 20 unknown21.256 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.256	3.57 ng	129237	Chrysene-d12	21.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrimidinamine, 4,6-dimethyl-N...	295	C14H12F3N3O	1000373-31-7	45
2	2-Aminopent-4-enoic acid, N-octy...	397	C23H43NO4	1000393-15-5	43
3	Phosphonic acid, [(4-carboxyphen...	335	C16H18NO5P	037753-62-1	38
4	Glutaric acid, diamide, N,N'-di(...	354	C21H42N2O2	1000360-86-3	38
5	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061028.D
Acq On : 24 Apr 2024 18:14
Operator : MA/JU
Sample : P2240-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-042324

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
Butane, 2-metho...	3.166	5.2	ng	49723	1	7.937	192685	20.0
unknown11.444	11.444	2.7	ng	38947	2	10.739	284216	20.0
Naphthalene, 1,...	11.926	2.8	ng	39632	2	10.739	284216	20.0
unknown12.649	12.649	2.8	ng	40120	2	10.739	284216	20.0
Octadecane	13.407	3.3	ng	67012	3	14.570	409374	20.0
Nonadecane	14.482	5.6	ng	114333	3	14.570	409374	20.0
unknown15.105	15.105	2.6	ng	52461	3	14.570	409374	20.0
Decane, 6-ethyl...	15.434	6.7	ng	136684	3	14.570	409374	20.0
Undecane, 2,5-d...	15.839	3.7	ng	76284	3	14.570	409374	20.0
Hexadecane	16.297	9.1	ng	193959	4	17.320	426818	20.0
Octacosane	17.091	8.2	ng	174554	4	17.320	426818	20.0
Decane, 3,8-dim...	17.138	5.3	ng	112670	4	17.320	426818	20.0
Heneicosane	17.831	6.7	ng	141907	4	17.320	426818	20.0
Hexadecanoic ac...	18.001	20.2	ng	431795	4	17.320	426818	20.0
n-Hexadecanoic ...	18.224	15.2	ng	323337	4	17.320	426818	20.0
Eicosane	18.524	7.6	ng	162872	4	17.320	426818	20.0
9,12-Octadecadi...	19.141	104.1	ng	2221440	4	17.320	426818	20.0
9-Octadecenoic ...	19.176	71.3	ng	1521110	4	17.320	426818	20.0
Heptadecanoic a...	19.306	10.0	ng	212578	4	17.320	426818	20.0
unknown21.256	21.256	3.6	ng	129237	5	21.579	723067	20.0