LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061114.D
Acq On : 3 May 2024 20:17
Operator : MA/JU
Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-05022024

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061114.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.155	22	28	36	rVB2	28804	50742	1.76%	0.388%
2	5.528	424	432	442	rBV	48174	81771	2.83%	0.625%
3	7.109	695	701	707	rBV2	55830	95142	3.29%	0.727%
4	7.937	834	842	849	rVB	114442	190869	6.61%	1.458%
5	9.089	1032	1038	1044	rVB	36565	60383	2.09%	0.461%
6	10.728	1307	1317	1324	rBV	149723	316110	10.94%	2.415%
7	11.650	1467	1474	1479	rBV6	19330	38084	1.32%	0.291%
8	11.756	1487	1492	1502	rBV4	19175	45468	1.57%	0.347%
9	11.921	1512	1520	1527	rBV3	26094	51794	1.79%	0.396%
10	12.150	1555	1559	1565	rBV	63909	100437	3.48%	0.767%
11	12.367	1590	1596	1605	rVB9	14685	39365	1.36%	0.301%
12	12.638	1638	1642	1647	rBV3	29136	46521	1.61%	0.355%
13	12.961	1693	1697	1702	rVB5	16292	28942	1.00%	0.221%
14	13.055	1709	1713	1718	rBV5	18808	35335	1.22%	0.270%
15	13.108	1718	1722	1727	rVB3	39427	55978	1.94%	0.428%
16	13.184	1728	1735	1740	rBV	94427	143868	4.98%	1.099%
17	13.395	1765	1771	1778	rBV	120490	182656	6.32%	1.395%
18	13.507	1783	1790	1794	rVV5	28427	62208	2.15%	0.475%
19	13.724	1821	1827	1834	rBV10	16861	37347	1.29%	0.285%
20	14.024	1875	1878	1880	rBV4	25933	33582	1.16%	0.257%
21	14.054	1880	1883	1886	rVV2	45649	65172	2.26%	0.498%
22	14.089	1887	1889	1895	rVB3	31281	42504	1.47%	0.325%
23	14.471	1948	1954	1959	rBV	190756	250212	8.66%	1.912%
24	14.565	1962	1970	1978	rVV	236711	396521	13.72%	3.029%
25	14.911	2022	2029	2031	rBV6	24587	49152	1.70%	0.376%
26	14.964	2035	2038	2045	rVV6	36308	68919	2.39%	0.527%
27	15.023	2045	2048	2053	rVV5	18967	33537	1.16%	0.256%
28	15.088	2053	2059	2067	rVB5	42420	90205	3.12%	0.689%
29	15.422	2108	2116	2120	rBV	220152	287672	9.96%	2.198%
30	15.522	2130	2133	2141	rVB9	16744	29894	1.03%	0.228%
31	15.611	2143	2148	2151	rBV4	27717	44763	1.55%	0.342%
32	15.828	2178	2185	2189	rBV	71918	121704	4.21%	0.930%
33	15.981	2207	2211	2216	rBV5	26465	49171	1.70%	0.376%
34	16.051	2217	2223	2229	rVB3	94176	168994	5.85%	1.291%
35	16.286	2258	2263	2266	rBV	225153	329871	11.42%	2.520%
36	17.079	2393	2398	2401	rBV	184316	239362	8.28%	1.829%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061114.D
Acq On : 3 May 2024 20:17
Operator : MA/JU
Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.132	2403	2407	2417	rVB	79383	138430	4.79%	1.058%
38	17.309	2432	2437	2441	rBV	263509	396711	13.73%	3.031%
39	17.356	2441	2445	2450	rVB	141399	217099	7.51%	1.659%
40	17.444	2457	2460	2466	rVB	47430	67641	2.34%	0.517%
41	17.737	2504	2510	2514	rBV6	23215	42533	1.47%	0.325%
42	17.814	2519	2523	2529	rBV	175240	225064	7.79%	1.719%
43	17.984	2547	2552	2558	rVB	383853	499669	17.29%	3.817%
44	18.213	2587	2591	2594	rBV2	31176	40679	1.41%	0.311%
45	18.384	2616	2620	2623	rBV2	33699	51005	1.77%	0.390%
46	18.507	2637	2641	2650	rBV	161591	220175	7.62%	1.682%
47	18.971	2717	2720	2726	rBV5	22422	37258	1.29%	0.285%
48	19.130	2741	2747	2750	rBV	2321691	2889630	100.00%	22.076%
49	19.159	2750	2752	2762	rVB2	1343510	1650597	57.12%	12.610%
50	19.289	2770	2774	2780	rBV	211726	274544	9.50%	2.097%
51	19.365	2780	2787	2795	rVV	303960	506156	17.52%	3.867%
52	19.723	2840	2848	2858	rBV2	232164	481117	16.65%	3.676%
53	19.929	2879	2883	2887	rVB	184567	222647	7.71%	1.701%
54	20.246	2934	2937	2942	rVB	96762	107512	3.72%	0.821%
55	20.323	2947	2950	2954	rVB	39540	49282	1.71%	0.376%
56	20.381	2958	2960	2964	rVB3	39169	43388	1.50%	0.331%
57	20.740	3018	3021	3026	rVB	77964	91388	3.16%	0.698%
58	21.245	3103	3107	3115	rVB4	64434	96034	3.32%	0.734%
59	21.568	3155	3162	3167	rBV3	296976	629185	21.77%	4.807%
60	24.706	3690	3696	3701	rBV2	58283	147579	5.11%	1.127%

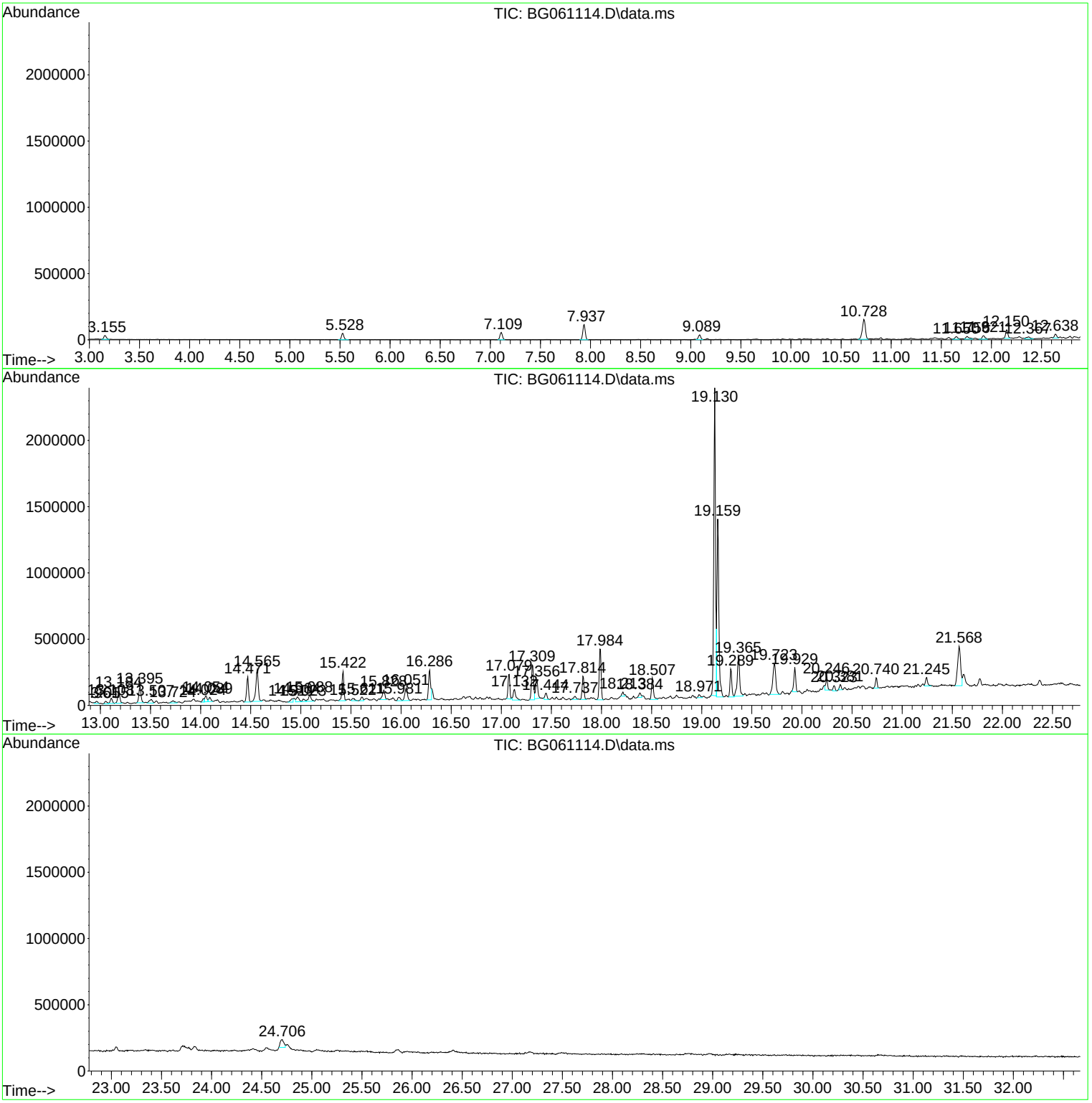
Sum of corrected areas: 13089578

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061114.D
Acq On : 3 May 2024 20:17
Operator : MA/JU
Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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\BG050324\
Data File : BG061114.D
Acq On : 3 May 2024 20:17
Operator : MA/JU
Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

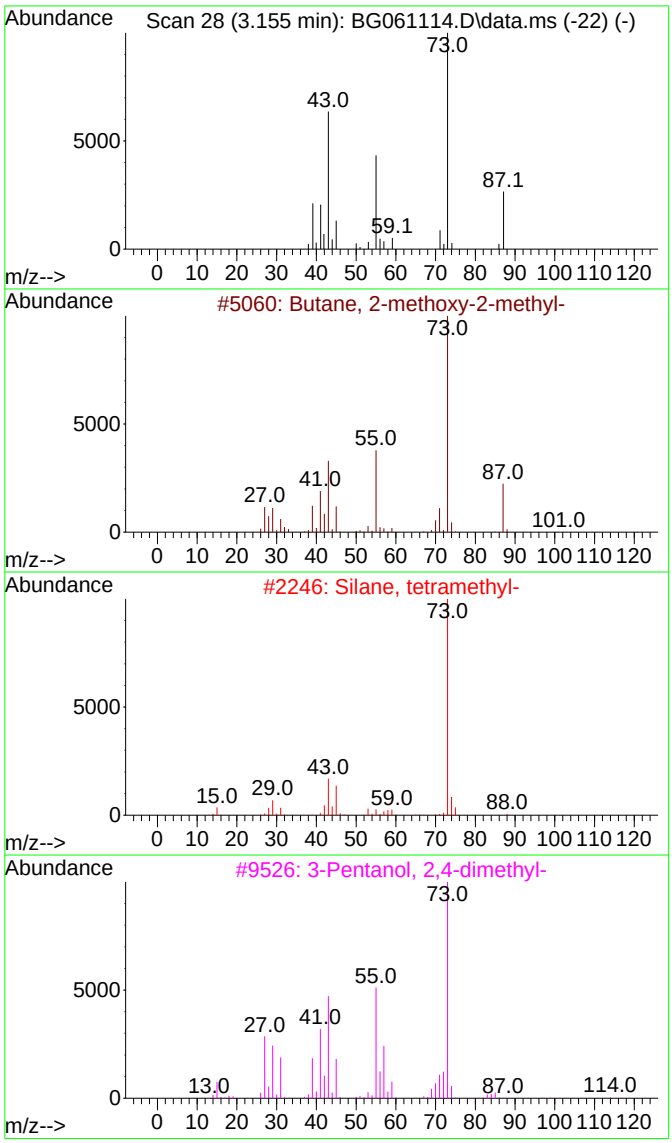
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

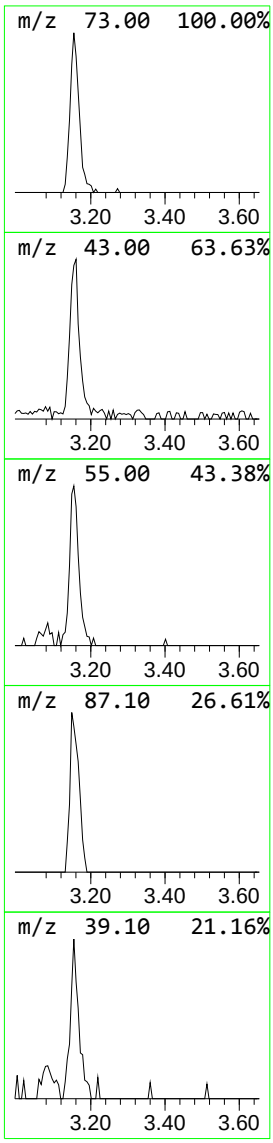
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.155	5.32 ng	50742	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	56
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5	1-Pentanamine	87	C5H13N	000110-58-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061114.D
Acq On : 3 May 2024 20:17
Operator : MA/JU
Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

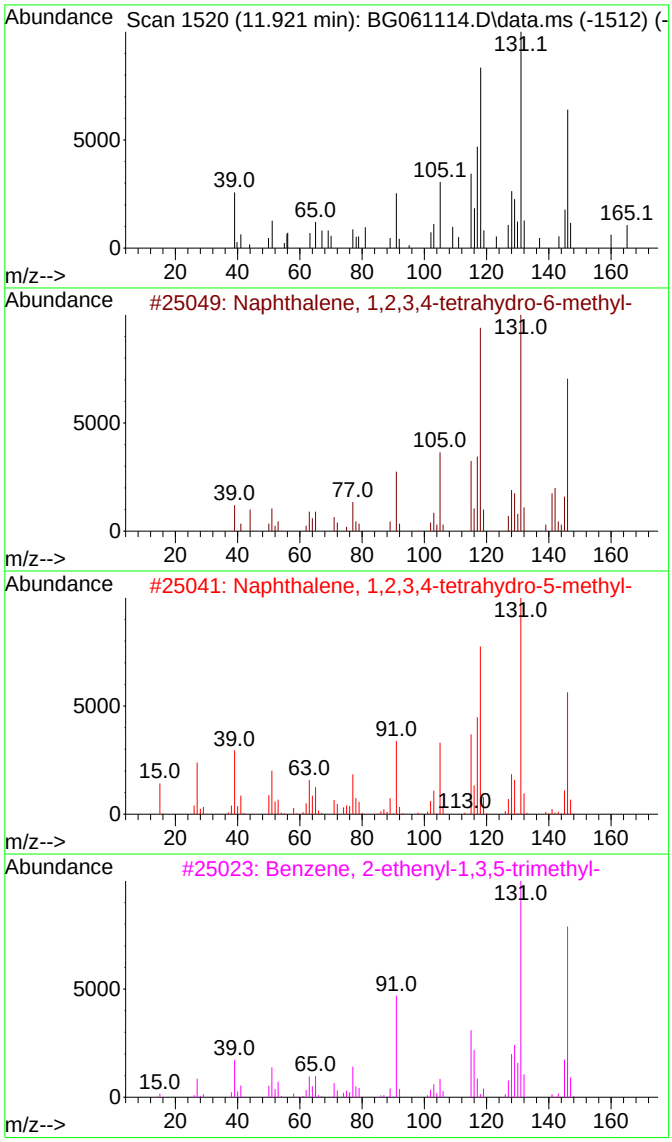
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

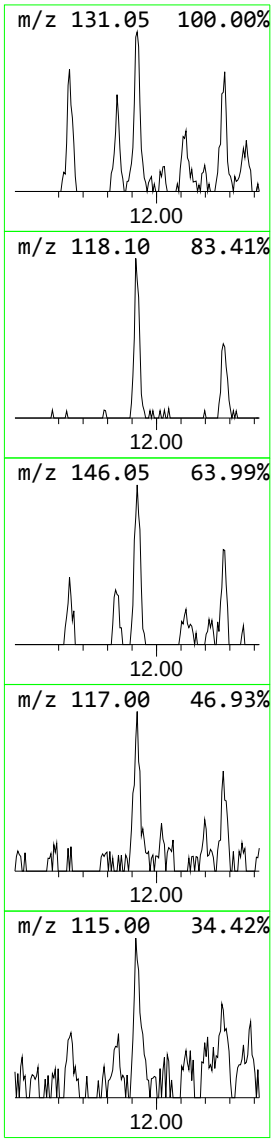
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	3.28 ng	51794	Naphthalene-d8	10.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	87
4	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	78
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061114.D
Acq On : 3 May 2024 20:17
Operator : MA/JU
Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

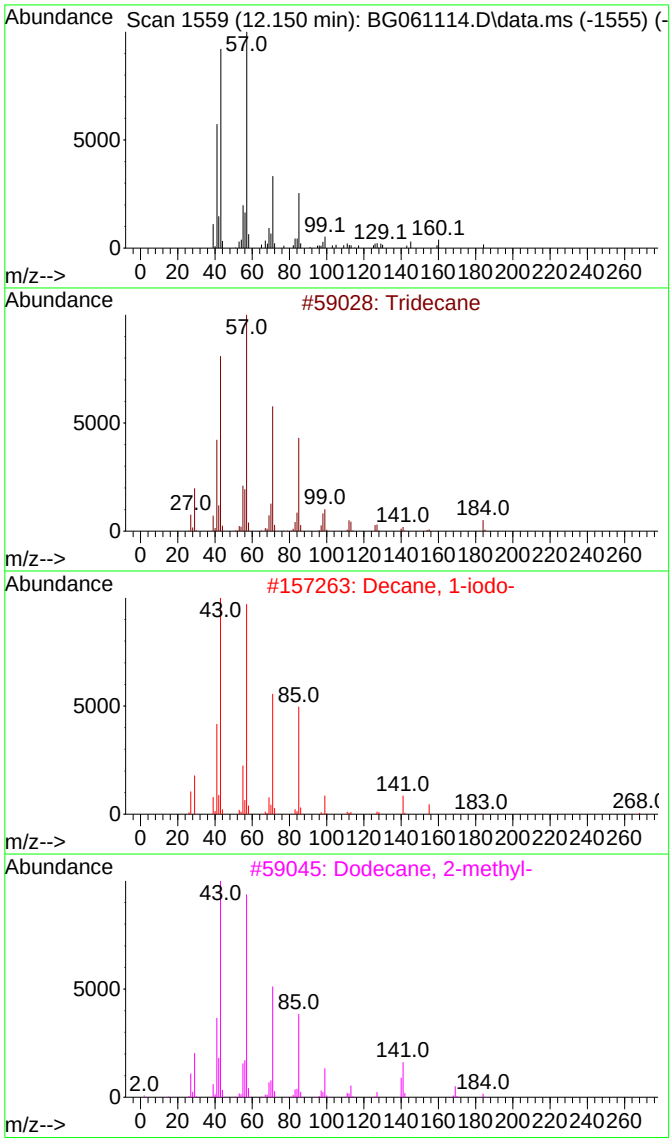
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

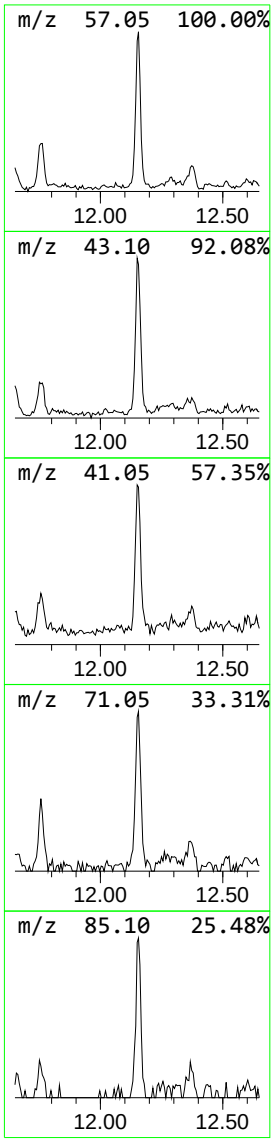
****

Peak Number 3 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.150	6.35 ng	100437	Naphthalene-d8	10.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	76
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	72
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	68
4	1-Iodoundecane	282	C11H23I	004282-44-4	64
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061114.D
Acq On : 3 May 2024 20:17
Operator : MA/JU
Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

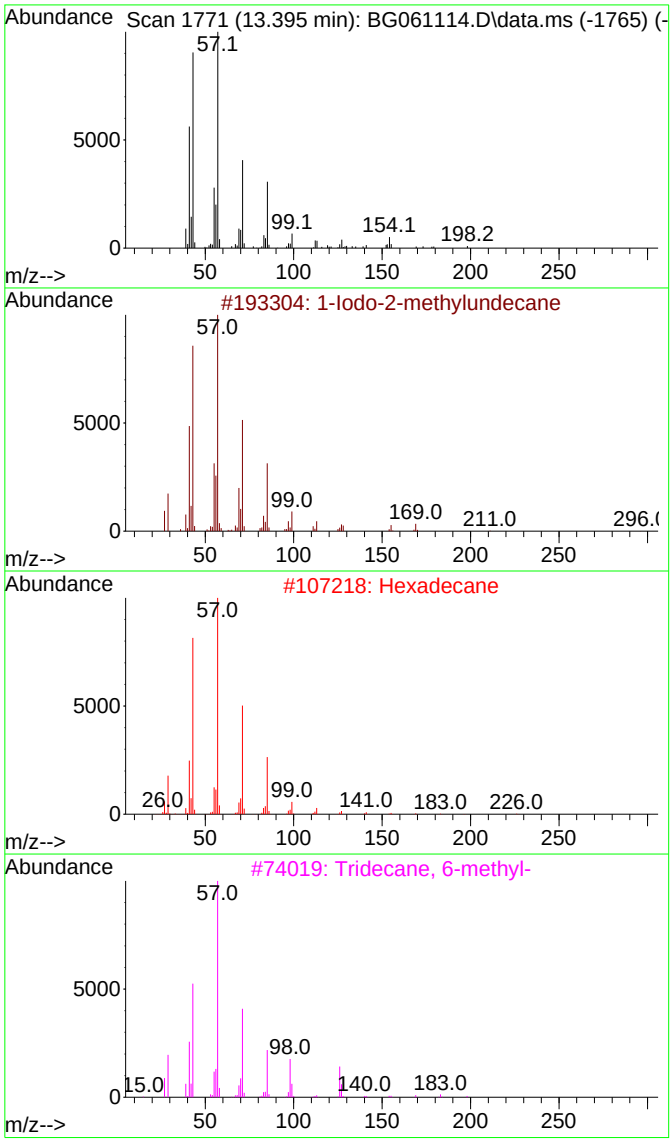
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

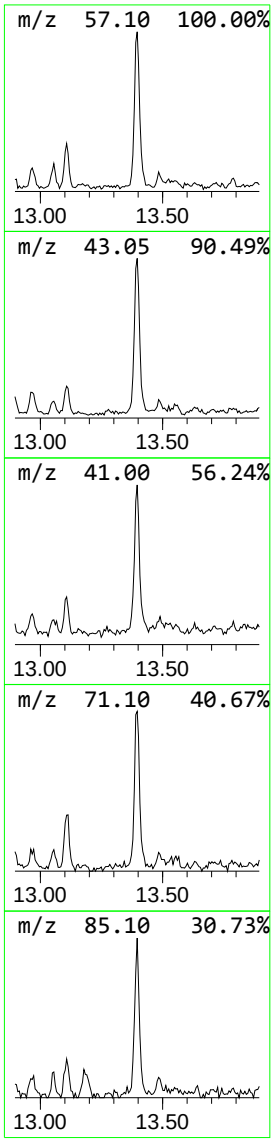
****

Peak Number 4 1-Iodo-2-methylundecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	9.21 ng	182656	Acenaphthene-d10	14.565

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86
2	Hexadecane	226	C16H34	000544-76-3	72
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	68
4	Heptadecane	240	C17H36	000629-78-7	64
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061114.D
Acq On : 3 May 2024 20:17
Operator : MA/JU
Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

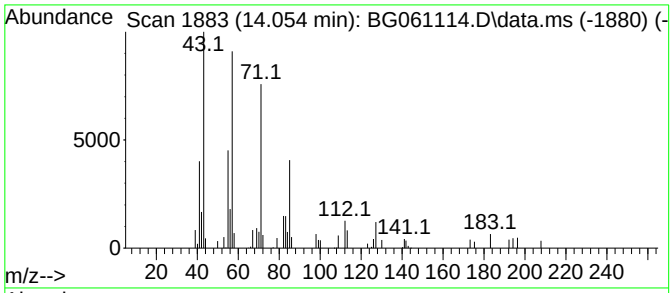
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

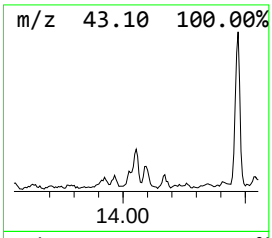
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

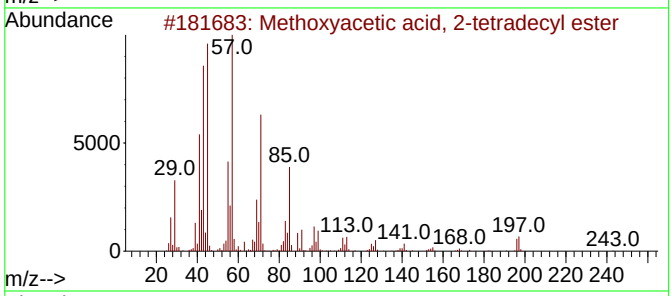
****
Peak Number 5 Methoxyacetic acid, 2-tetra... Concentration Rank 19

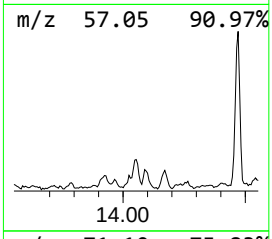
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.054	3.29 ng	65172	Acenaphthene-d10	14.565

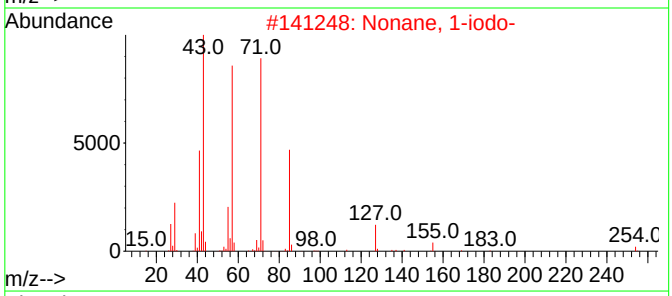
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	72
2	Nonane, 1-iodo-	254	C9H19I	004282-42-2	72
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64

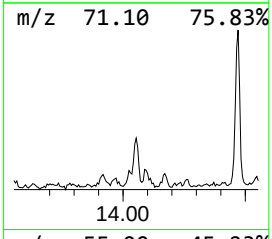


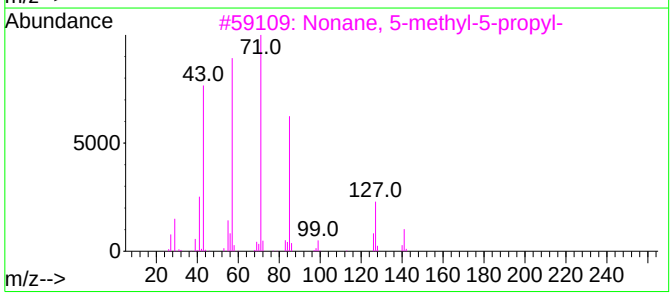


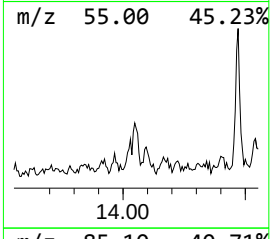


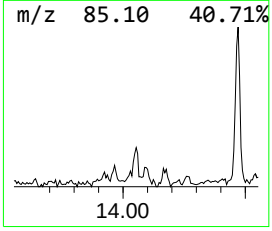












Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061114.D
Acq On : 3 May 2024 20:17
Operator : MA/JU
Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

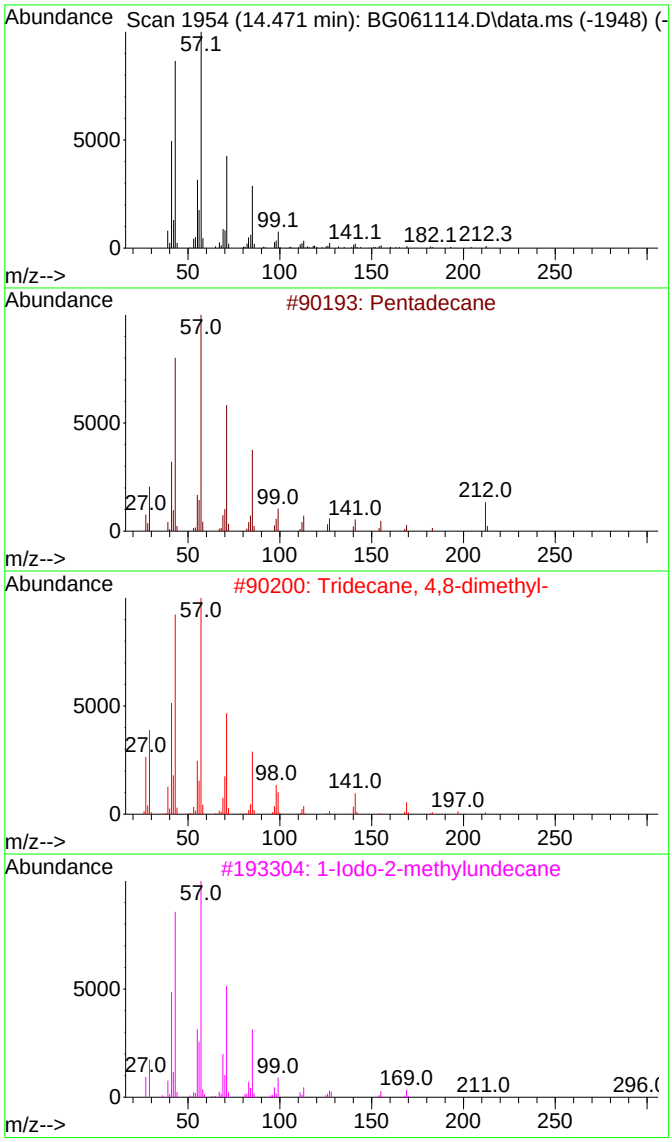
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

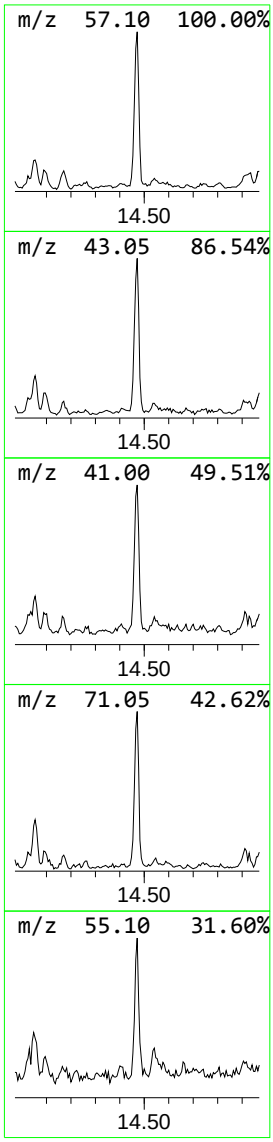
****

Peak Number 6 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.471	12.62 ng	250212	Acenaphthene-d10	14.565

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	91
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Acq On : 3 May 2024 20:17
Operator : MA/JU
Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

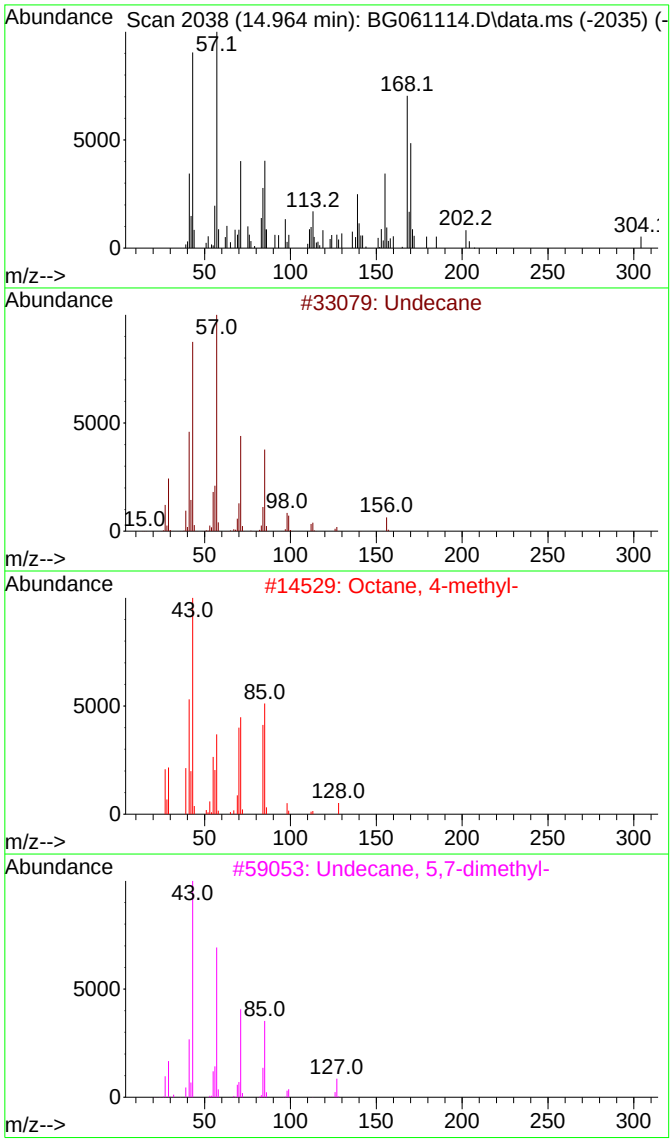
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

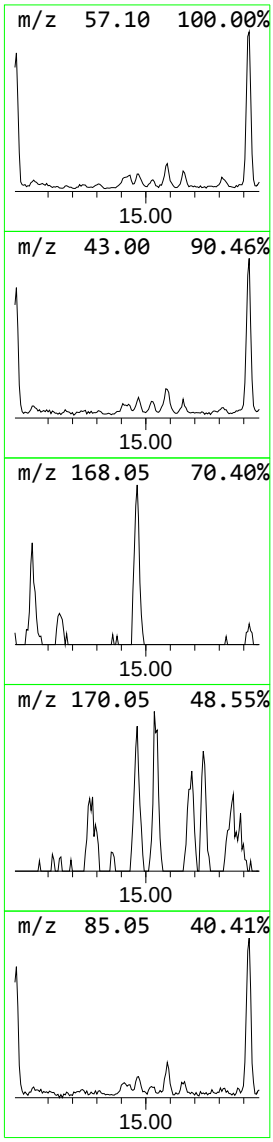
****

Peak Number 7 unknown14.964 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.964	3.48 ng	68919	Acenaphthene-d10	14.565

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	38
2	Octane, 4-methyl-	128	C9H20	002216-34-4	30
3	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	22
4	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	22
5	Nonane	128	C9H20	000111-84-2	22





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Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-05022024

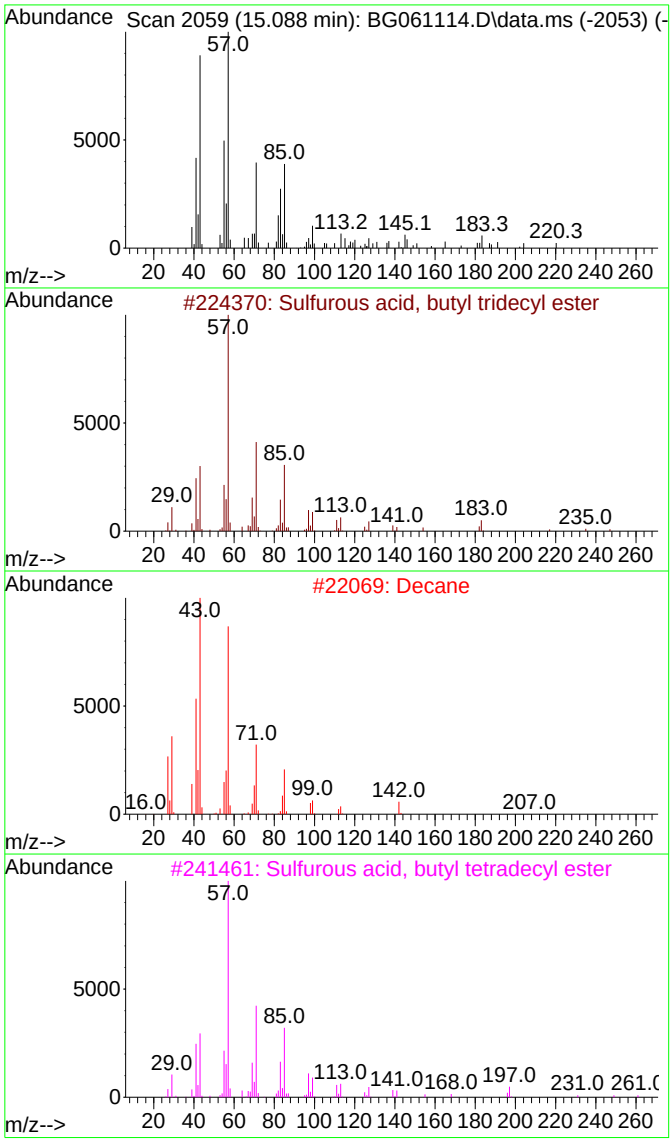
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

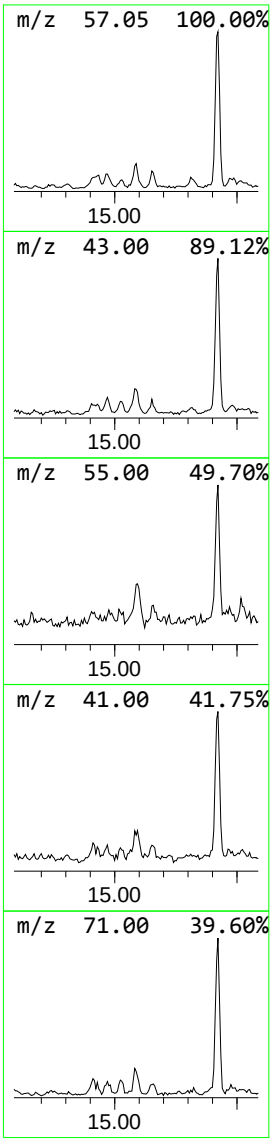
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Sulfurous acid, butyl tride... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.088	4.55 ng	90205	Acenaphthene-d10	14.565

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72
2	Decane	142	C10H22	000124-18-5	68
3	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	59
4	Octadecane	254	C18H38	000593-45-3	59
5	1-Iodoundecane	282	C11H23I	004282-44-4	58





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Operator : MA/JU
Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

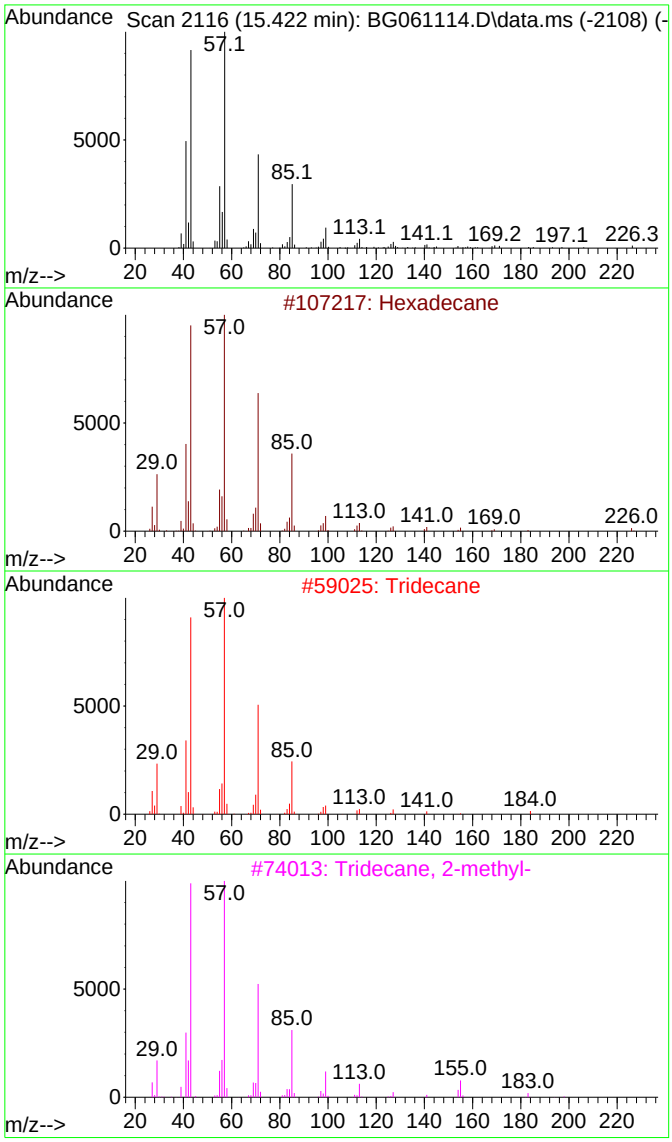
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

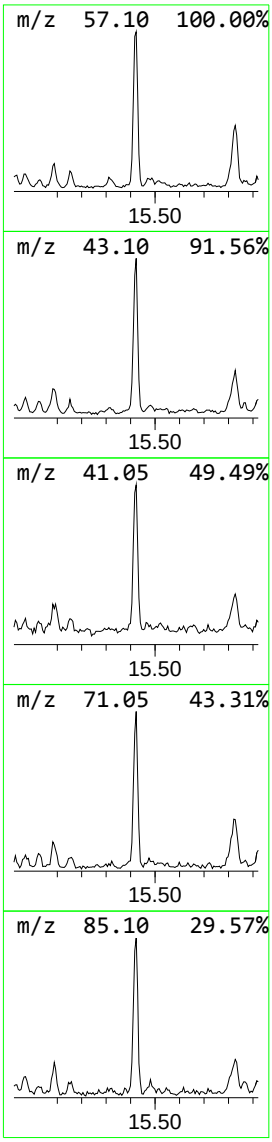
****

Peak Number 9 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.422	14.51 ng	287672	Acenaphthene-d10	14.565

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tridecane	184	C13H28	000629-50-5	90
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tetradecane	198	C14H30	000629-59-4	80





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Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

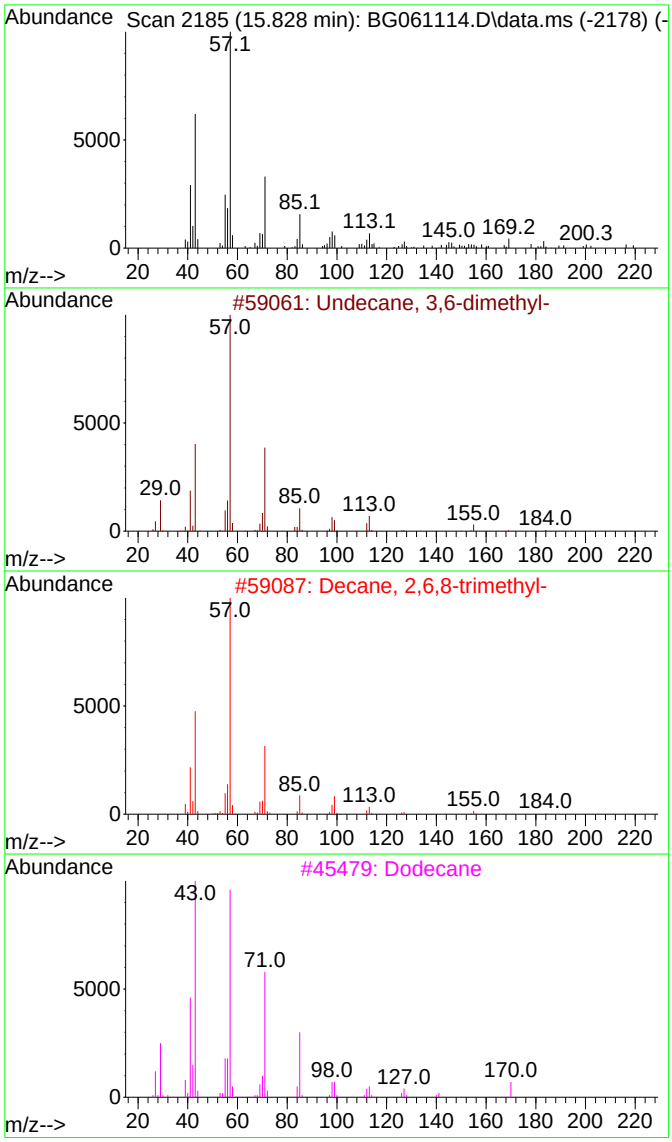
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

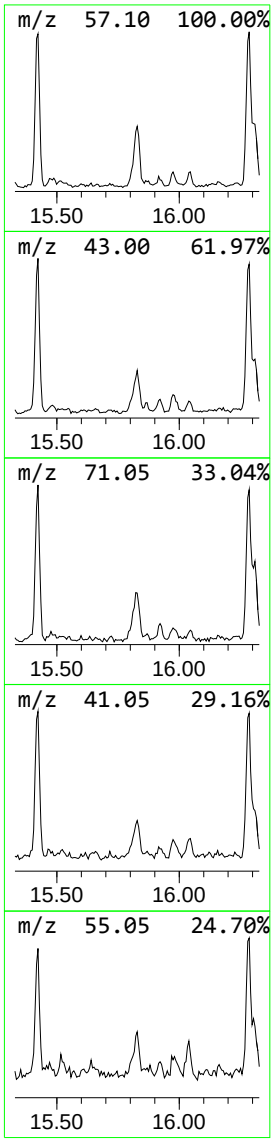
****

Peak Number 10 Undecane, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.828	6.14 ng	121704	Acenaphthene-d10	14.565

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
3	Dodecane	170	C12H26	000112-40-3	53
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
5	Heneicosane	296	C21H44	000629-94-7	47





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Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

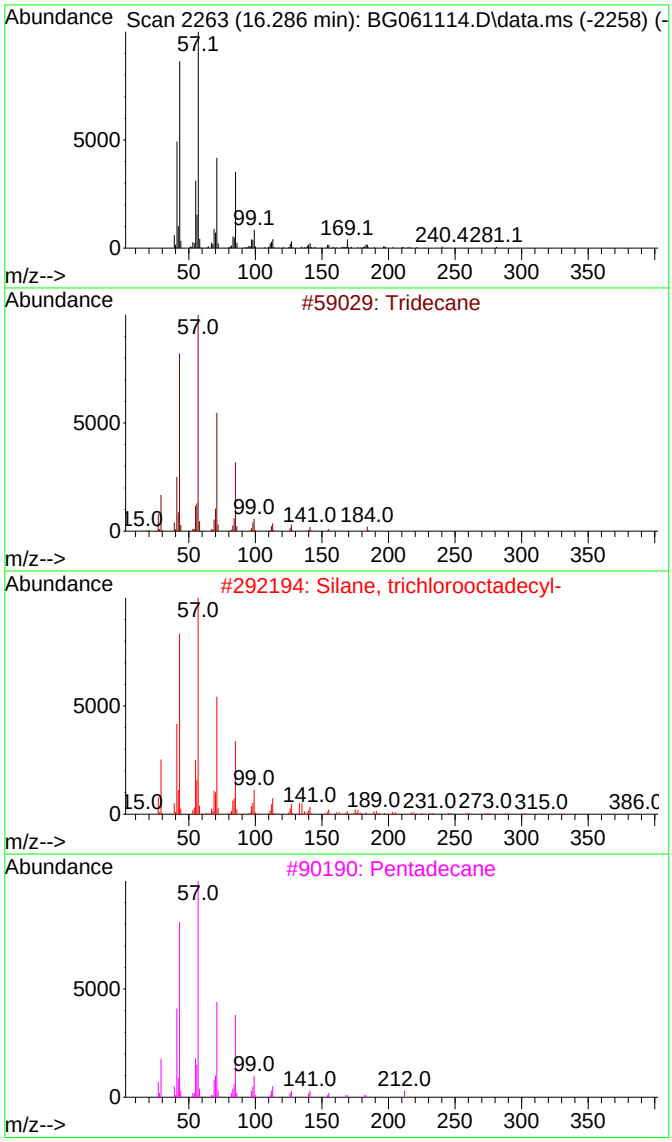
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

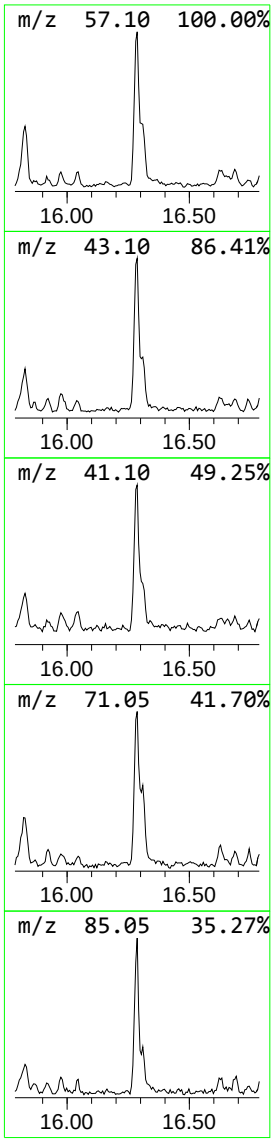
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Silane, trichlorooctadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.286	16.63 ng	329871	Phenanthrene-d10	17.308

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
3	Pentadecane	212	C15H32	000629-62-9	83
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
5	Nonadecane	268	C19H40	000629-92-5	83





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Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-05022024

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

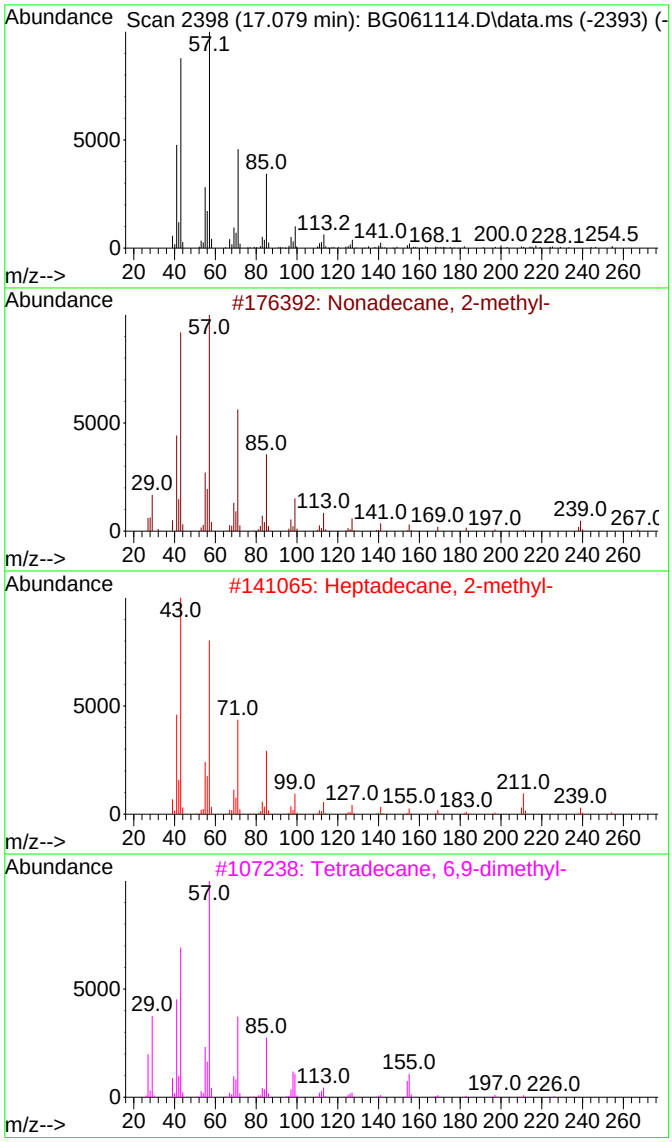
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

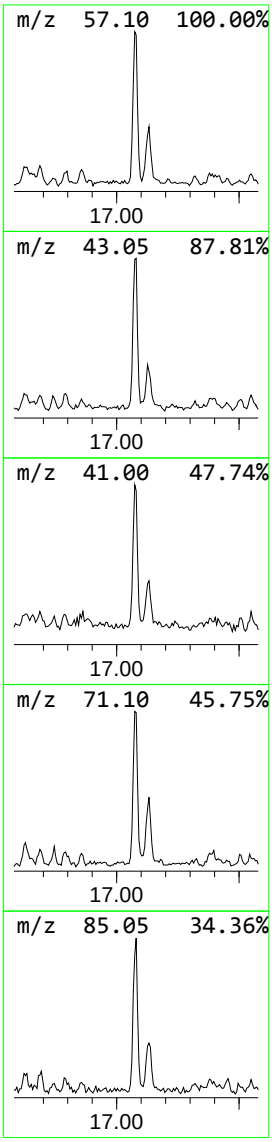
****

Peak Number 12 Nonadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.079	12.07 ng	239362	Phenanthrene-d10	17.308

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
3	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-05022024

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

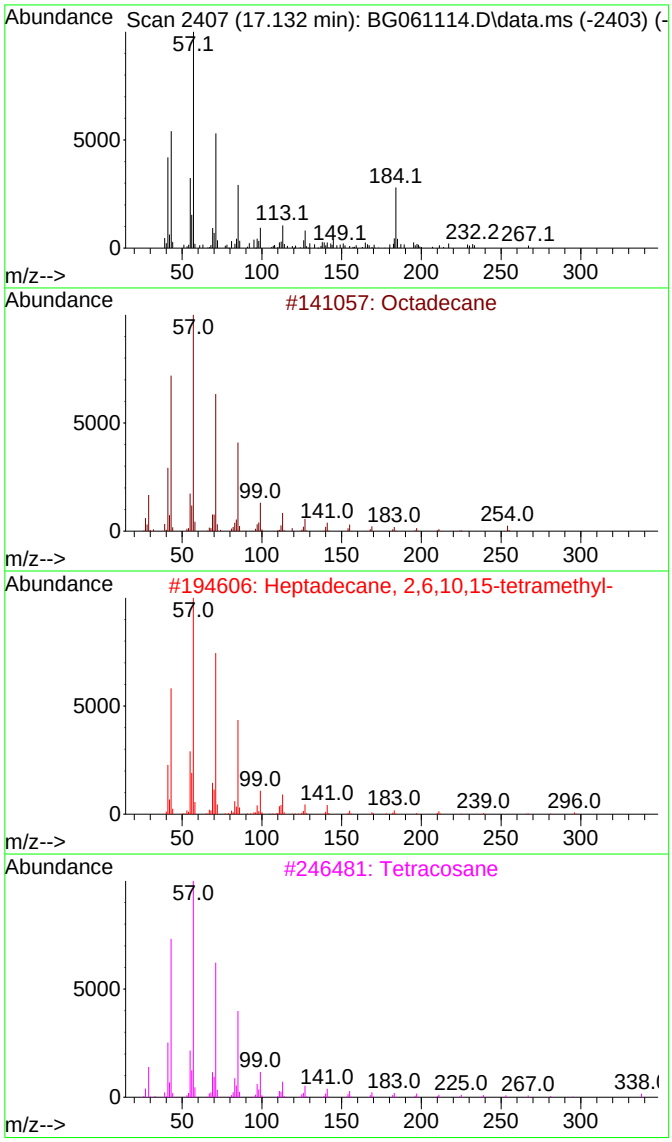
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

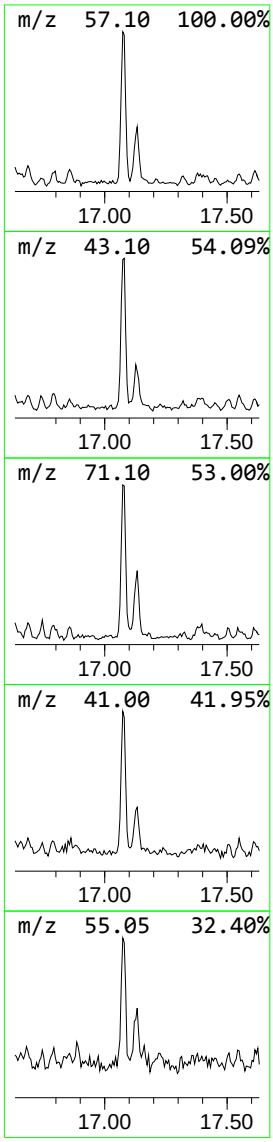
****

Peak Number 13 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.132	6.98 ng	138430	Phenanthrene-d10	17.308

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	64
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
3	Tetracosane	338	C24H50	000646-31-1	62
4	Octacosane	394	C28H58	000630-02-4	58
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	58





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Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

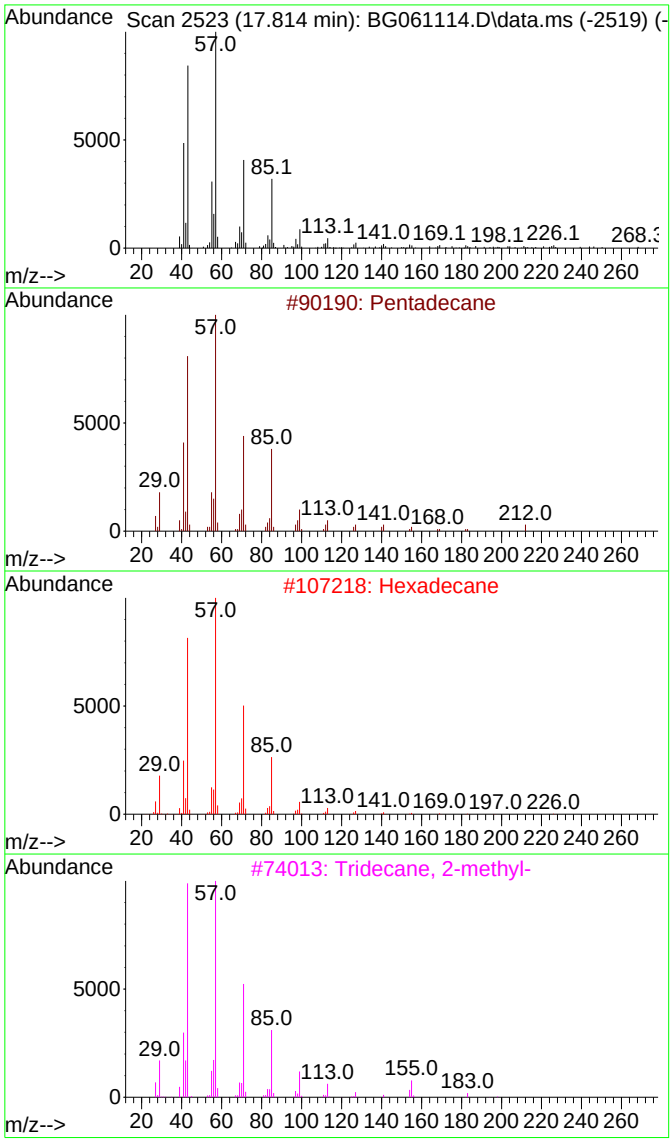
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

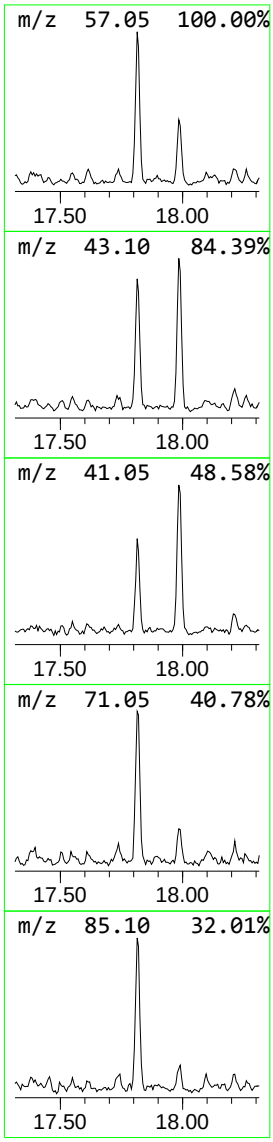
****

Peak Number 14 Tridecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.814	11.35 ng	225064	Phenanthrene-d10	17.308

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Nonadecane	268	C19H40	000629-92-5	90





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Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

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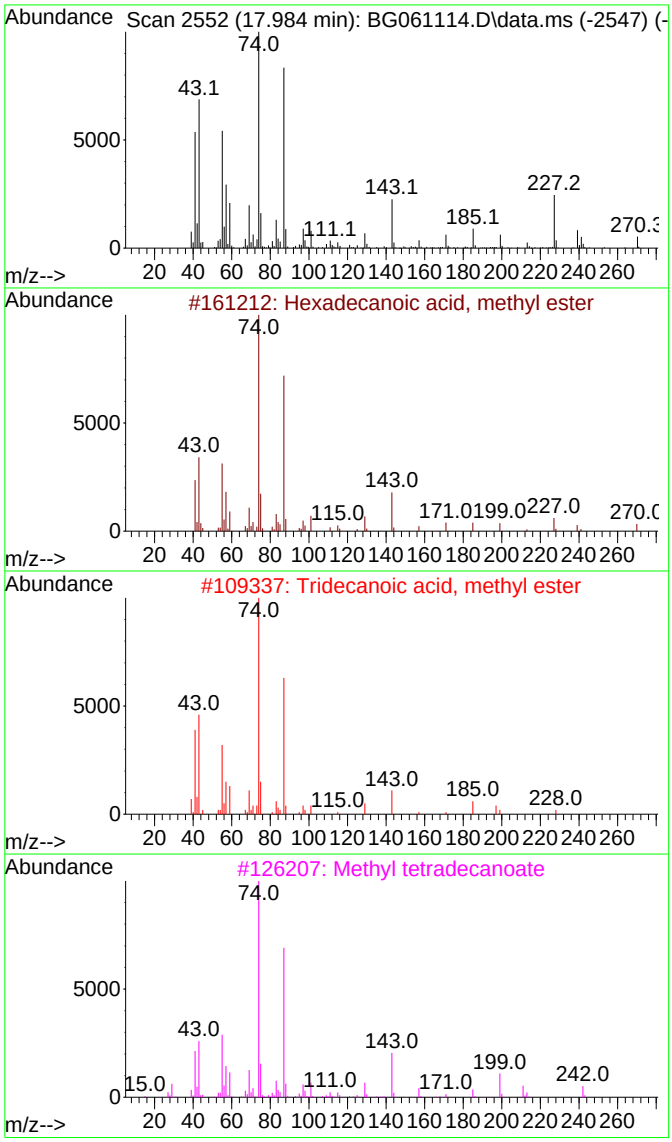
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

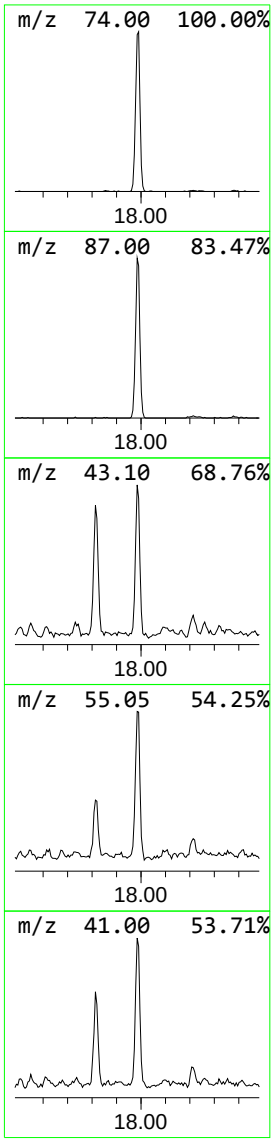
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.984	25.19 ng	499669	Phenanthrene-d10	17.308

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81
4	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	80
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	72





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Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-05022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

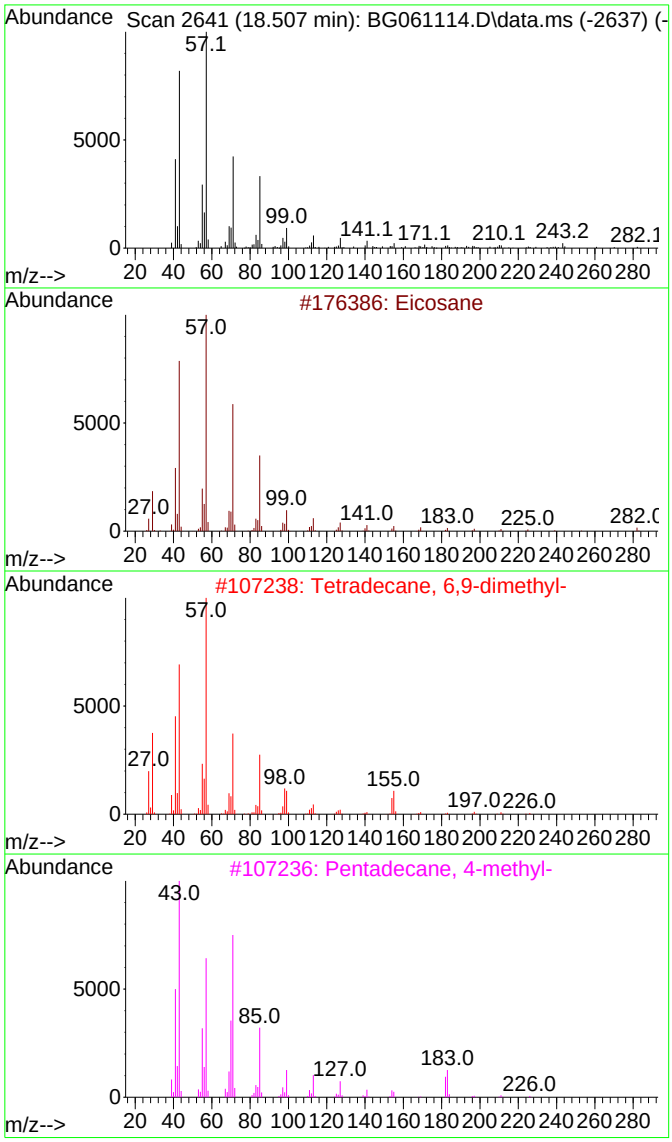
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

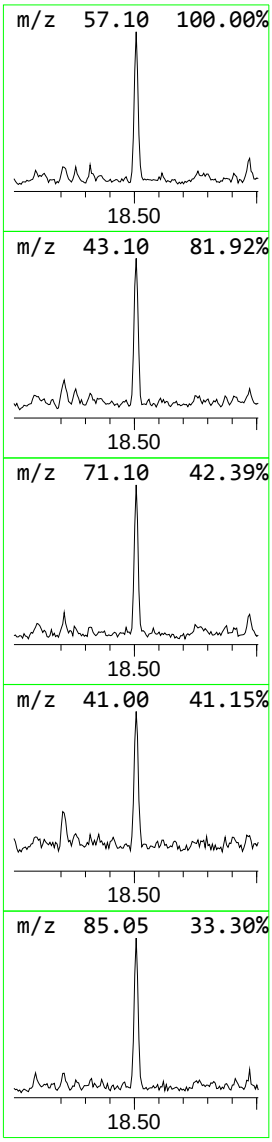
****

Peak Number 16 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.507	11.10 ng	220175	Phenanthrene-d10	17.308

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	87
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
5	Hexacosane	366	C26H54	000630-01-3	86





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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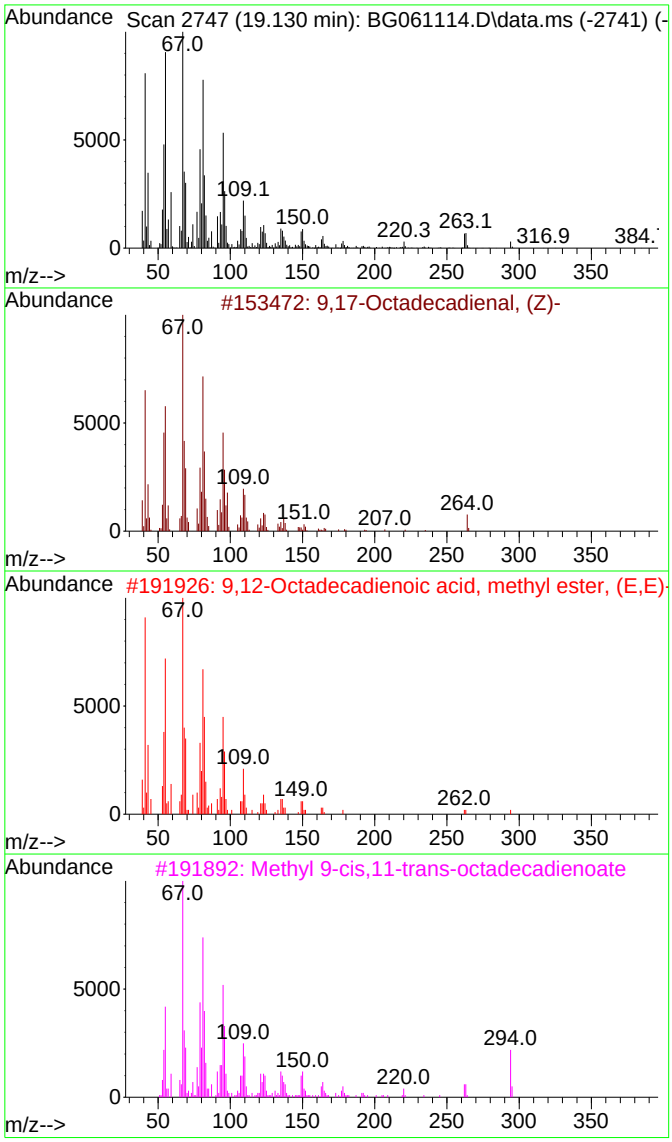
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

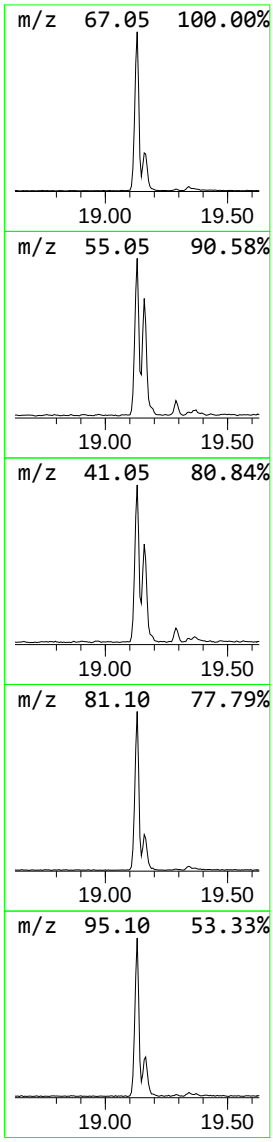
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,17-Octadecadienal, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.130	145.68 ng	2889630	Phenanthrene-d10	17.308

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	96
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	95
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	93
4	9,12-Octadecadienal	264	C18H32O	026537-70-2	93
5	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	93





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Operator : MA/JU
Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

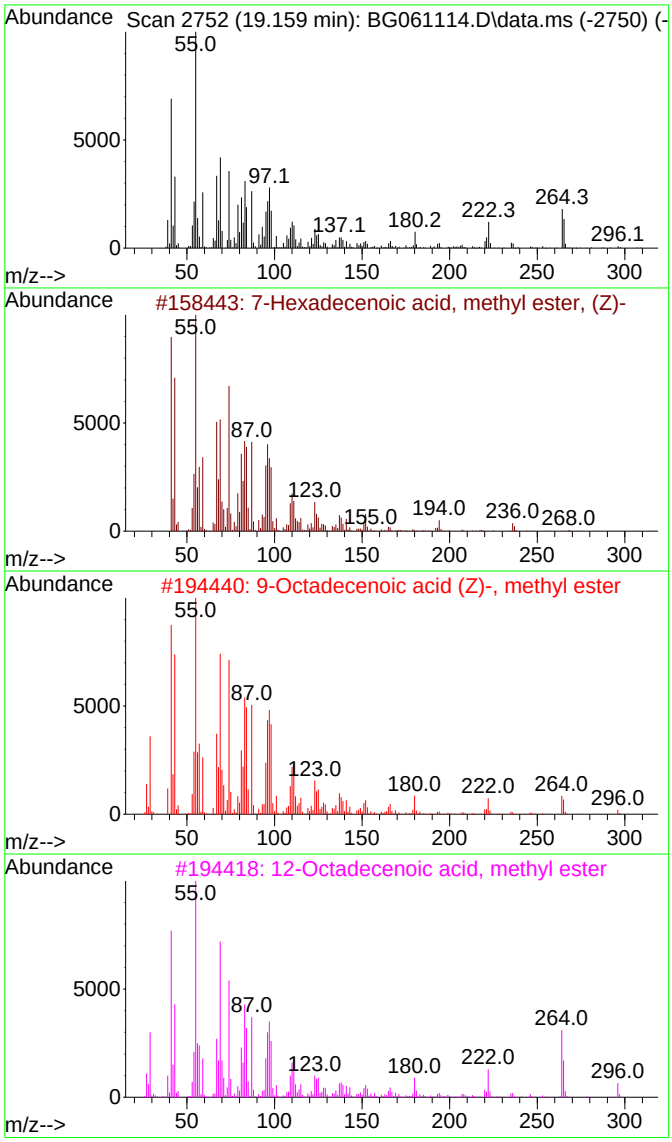
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

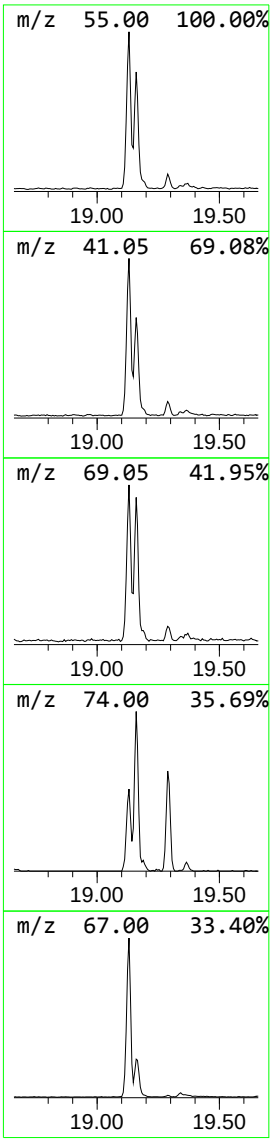
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 7-Hexadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.159	83.21 ng	1650600	Phenanthrene-d10	17.308

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	96
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	90
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	90
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061114.D
Acq On : 3 May 2024 20:17
Operator : MA/JU
Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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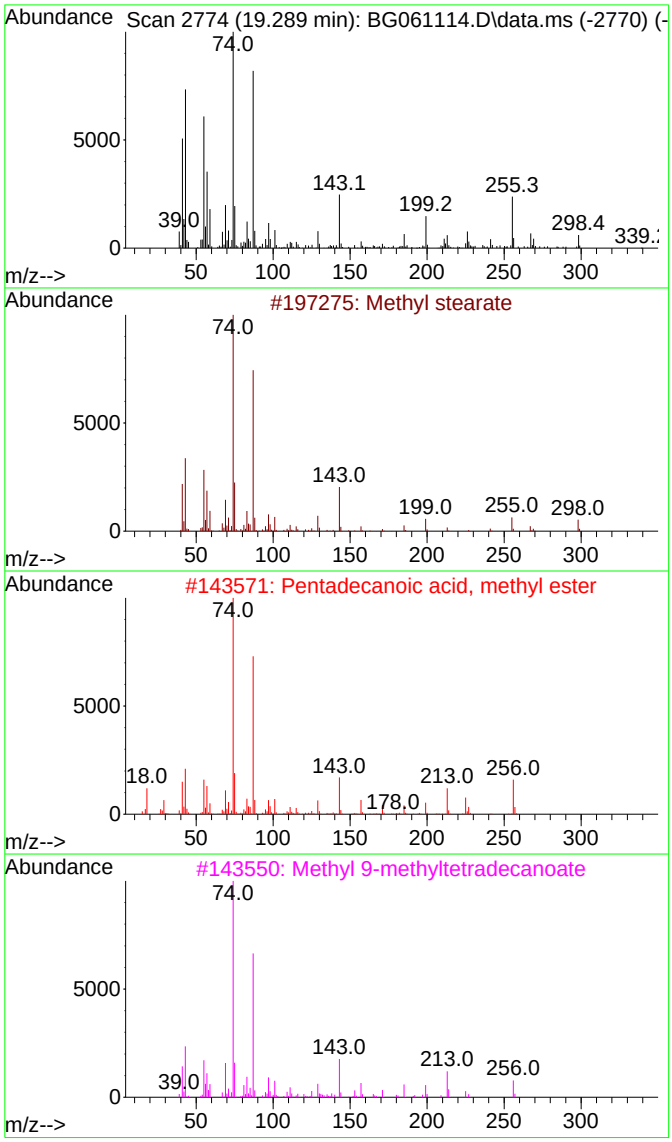
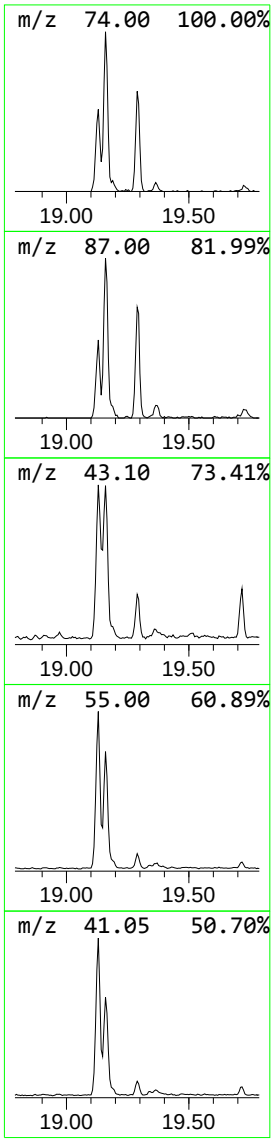
Peak Number 19 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.288	13.84 ng	274544	Phenanthrene-d10	17.308

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	94
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
3	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	87
4	Methyl 13-methyltetradecanoate	256	C16H32O2	1000424-50-7	80
5	Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061114.D
Acq On : 3 May 2024 20:17
Operator : MA/JU
Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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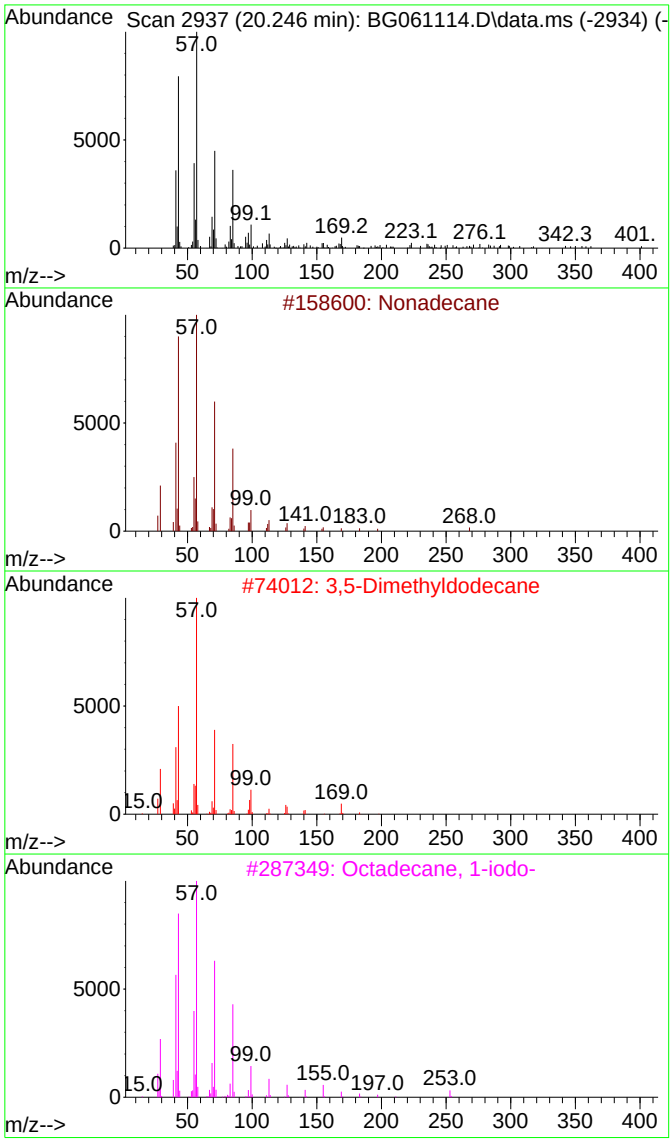
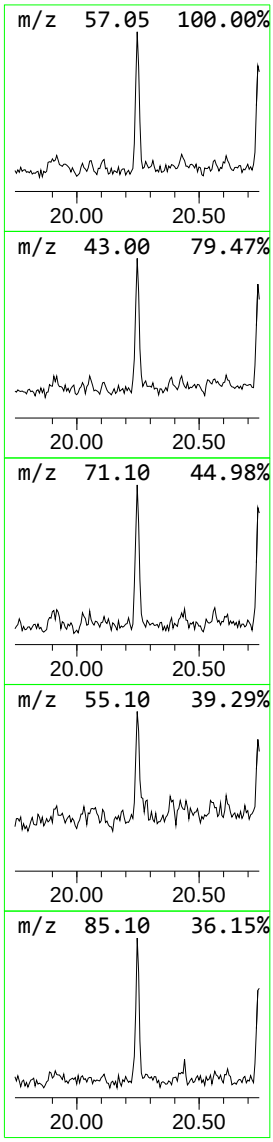
Peak Number 20 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.246	3.42 ng	107512	Chrysene-d12	21.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	87
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
Data File : BG061114.D
Acq On : 3 May 2024 20:17
Operator : MA/JU
Sample : P2357-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-05022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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...	3.155	5.3	ng	50742	1	7.937	190869	20.0
Naphthalene, 1,...	11.921	3.3	ng	51794	2	10.728	316110	20.0
Tridecane	12.150	6.3	ng	100437	2	10.728	316110	20.0
1-Iodo-2-methyl...	13.396	9.2	ng	182656	3	14.565	396521	20.0
Methoxyacetic a...	14.054	3.3	ng	65172	3	14.565	396521	20.0
Pentadecane	14.471	12.6	ng	250212	3	14.565	396521	20.0
unknown14.964	14.964	3.5	ng	68919	3	14.565	396521	20.0
Sulfurous acid,...	15.088	4.5	ng	90205	3	14.565	396521	20.0
Hexadecane	15.422	14.5	ng	287672	3	14.565	396521	20.0
Undecane, 3,6-d...	15.828	6.1	ng	121704	3	14.565	396521	20.0
Silane, trichlo...	16.286	16.6	ng	329871	4	17.308	396711	20.0
Nonadecane, 2-m...	17.079	12.1	ng	239362	4	17.308	396711	20.0
Octadecane	17.132	7.0	ng	138430	4	17.308	396711	20.0
Tridecane, 2-me...	17.814	11.4	ng	225064	4	17.308	396711	20.0
Hexadecanoic ac...	17.984	25.2	ng	499669	4	17.308	396711	20.0
Eicosane	18.507	11.1	ng	220175	4	17.308	396711	20.0
9,17-Octadecadi...	19.130	145.7	ng	2889630	4	17.308	396711	20.0
7-Hexadecenoic ...	19.159	83.2	ng	1650600	4	17.308	396711	20.0
Methyl stearate	19.288	13.8	ng	274544	4	17.308	396711	20.0
Nonadecane	20.246	3.4	ng	107512	5	21.568	629185	20.0