LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122118.D
Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

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_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122118.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	549	553	580	rBV	2065334	2268410	31.83%	4.300%
2	6.369	724	728	753	rBV	2039904	2326564	32.65%	4.410%
3	6.710	783	786	797	rVB	655726	625538	8.78%	1.186%
4	7.281	879	883	896	rBV	1565286	1617991	22.71%	3.067%
5	7.998	1001	1005	1020	rVB	904130	839043	11.77%	1.591%
6	8.810	1140	1143	1155	rBV	38271	72756	1.02%	0.138%
7	9.069	1183	1187	1190	rBV	2704220	2469088	34.65%	4.681%
8	9.469	1251	1255	1260	rBV	338437	287943	4.04%	0.546%
9	9.745	1298	1302	1310	rBV	1193843	966324	13.56%	1.832%
10	10.498	1412	1430	1431	rBV3	87722	291166	4.09%	0.552%
11	10.539	1431	1437	1441	rBV	1507587	1455545	20.43%	2.759%
12	11.233	1551	1555	1562	rBV	1143319	987174	13.85%	1.871%
13	11.774	1635	1647	1649	rBV2	1074823	1993504	27.98%	3.779%
14	11.792	1649	1650	1659	rVB	500824	370865	5.20%	0.703%
15	12.021	1686	1689	1694	rVV2	62215	79334	1.11%	0.150%
16	12.074	1694	1698	1706	rVB3	65213	109842	1.54%	0.208%
17	12.451	1758	1762	1769	rBV	84933	150228	2.11%	0.285%
18	12.551	1772	1779	1791	rVV	948030	1631959	22.90%	3.094%
19	12.757	1798	1814	1820	rVV	2182849	6277899	88.10%	11.901%
20	12.816	1820	1824	1827	rVB	2656267	2399356	33.67%	4.548%
21	13.333	1904	1912	1914	rBV4	70917	182396	2.56%	0.346%
22	13.374	1914	1919	1936	rVB2	237071	560790	7.87%	1.063%
23	13.645	1952	1965	1973	rBV	2654906	7125822	100.00%	13.508%
24	13.715	1973	1977	1987	rVB2	258555	446779	6.27%	0.847%
25	13.845	1995	1999	2001	rBV	91735	87937	1.23%	0.167%
26	13.874	2001	2004	2008	rVV	861295	766831	10.76%	1.454%
27	14.045	2026	2033	2039	rVV	138089	309599	4.34%	0.587%
28	14.110	2040	2044	2056	rVB	88496	150715	2.12%	0.286%
29	14.280	2064	2073	2078	rBV	3204119	5749656	80.69%	10.899%
30	14.327	2078	2081	2084	rVB	105193	123605	1.73%	0.234%
31	14.486	2105	2108	2111	rBV	165381	147143	2.06%	0.279%
32	14.633	2121	2133	2147	rVB3	539931	1507584	21.16%	2.858%
33	14.821	2157	2165	2176	rBV	1862072	3739289	52.48%	7.088%
34	14.939	2181	2185	2191	rVB	151416	188910	2.65%	0.358%
35	15.180	2222	2226	2231	rVB2	56367	102082	1.43%	0.194%
36	15.251	2234	2238	2241	rVV2	54347	72099	1.01%	0.137%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122118.D
Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

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_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.304	2241	2247	2254	rVV2	538175	764659	10.73%	1.450%
38	15.415	2258	2266	2274	rVB	680386	1368464	19.20%	2.594%
39	15.698	2308	2314	2319	rBV	106938	184614	2.59%	0.350%
40	15.815	2324	2334	2337	rBV5	165565	441784	6.20%	0.837%
41	16.104	2375	2383	2390	rBV	175591	453606	6.37%	0.860%
42	16.162	2390	2393	2403	rVB3	59359	109553	1.54%	0.208%
43	16.651	2470	2476	2481	rBV3	50713	108648	1.52%	0.206%
44	16.821	2498	2505	2510	rBV6	46468	130431	1.83%	0.247%
45	16.886	2510	2516	2527	rVB2	73598	222854	3.13%	0.422%
46	18.033	2702	2711	2722	rBV3	148953	485650	6.82%	0.921%

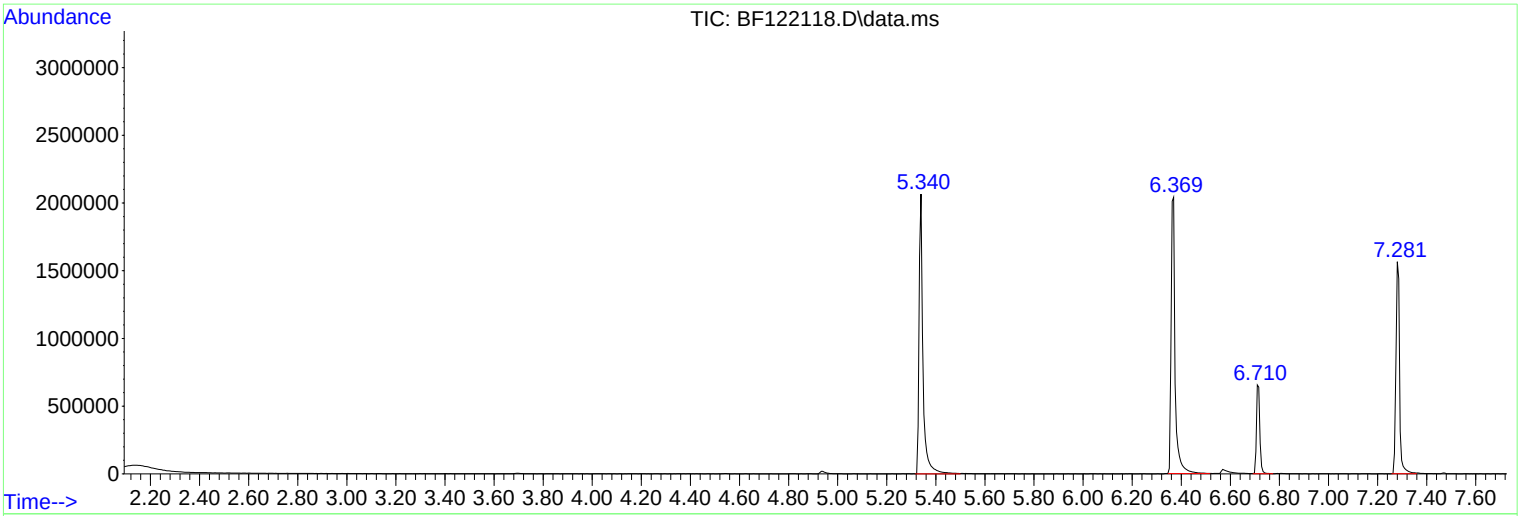
Sum of corrected areas: 52752029

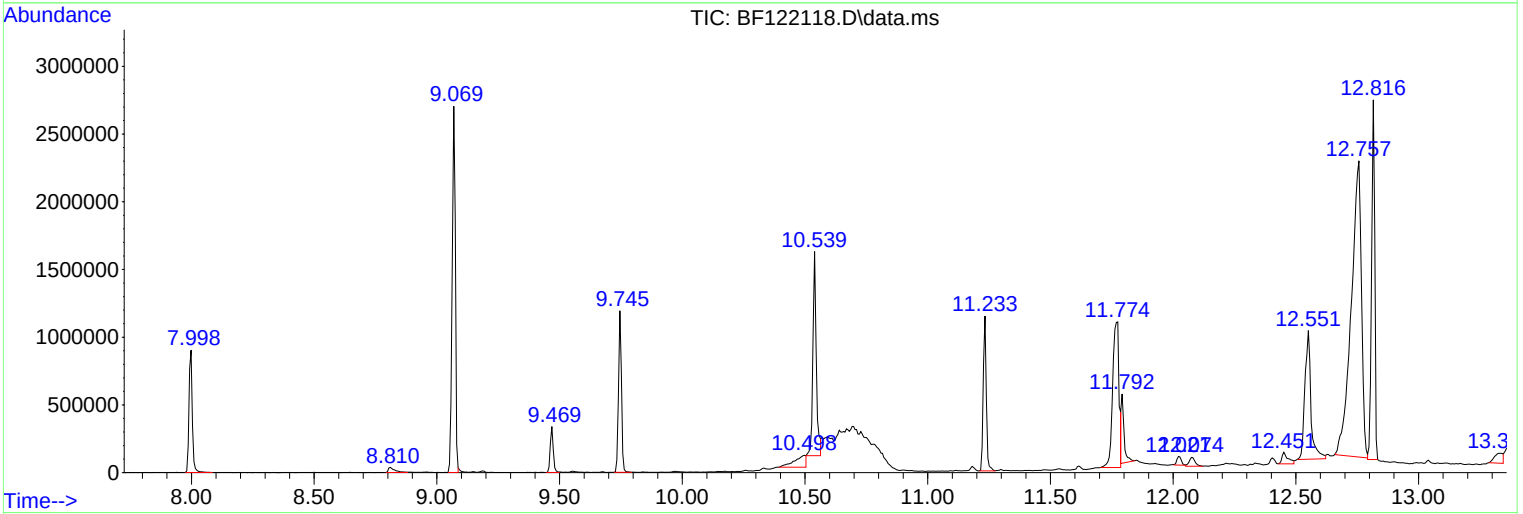
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122118.D
Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

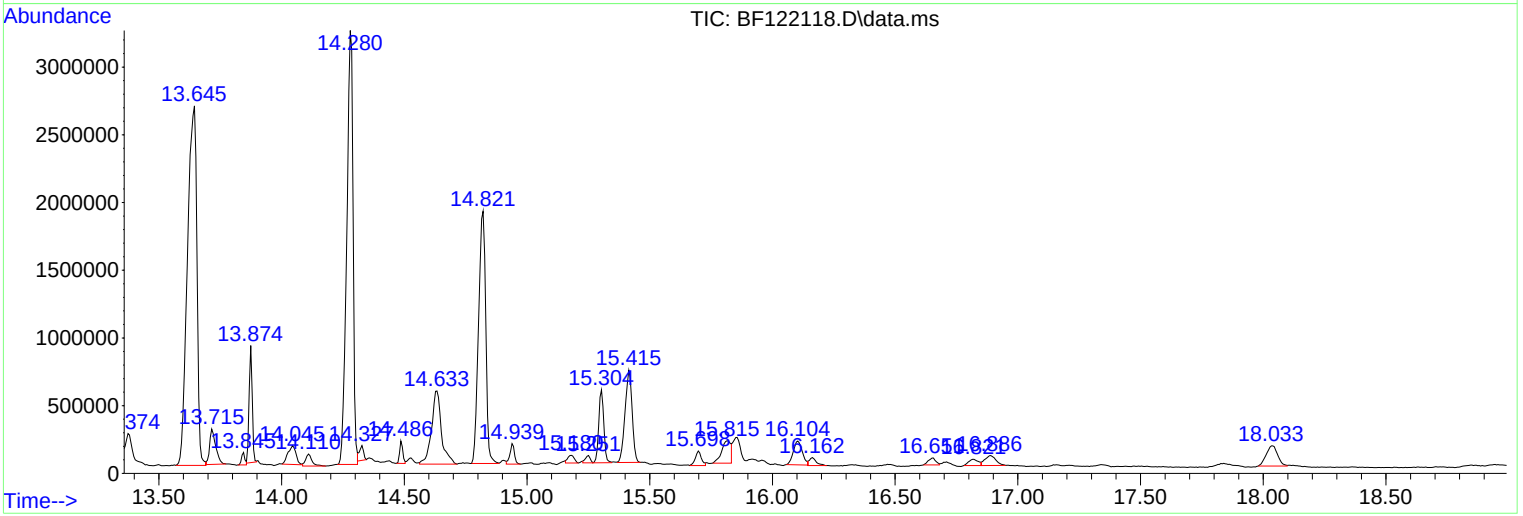
Instrument :
BNA_F
ClientSampleId :
36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122118.D
Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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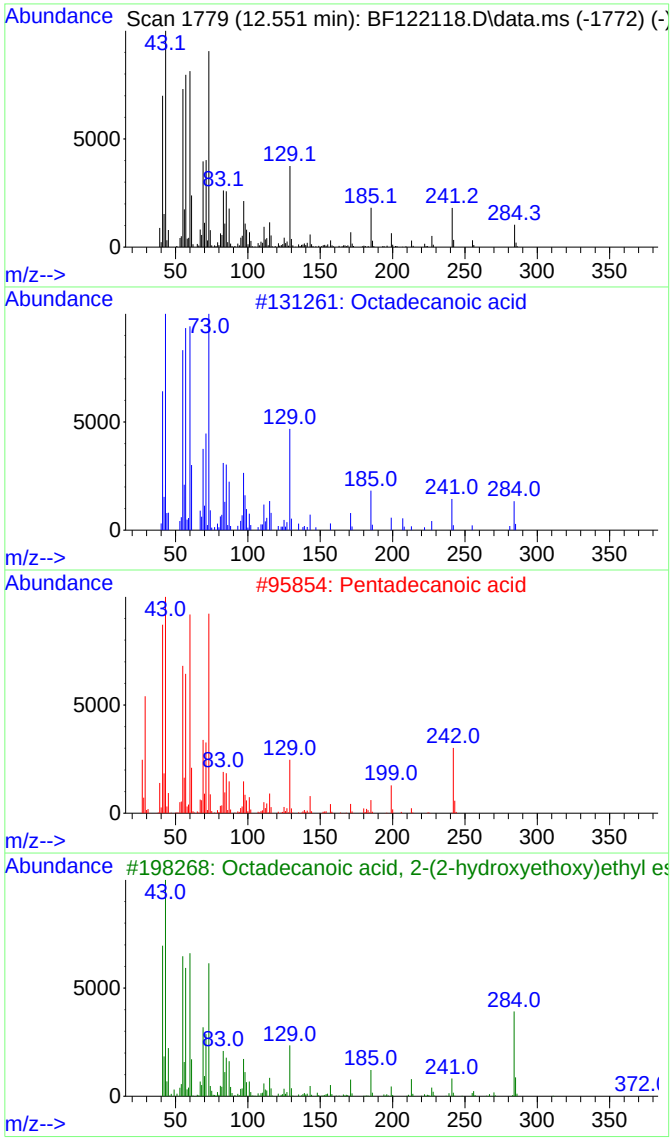
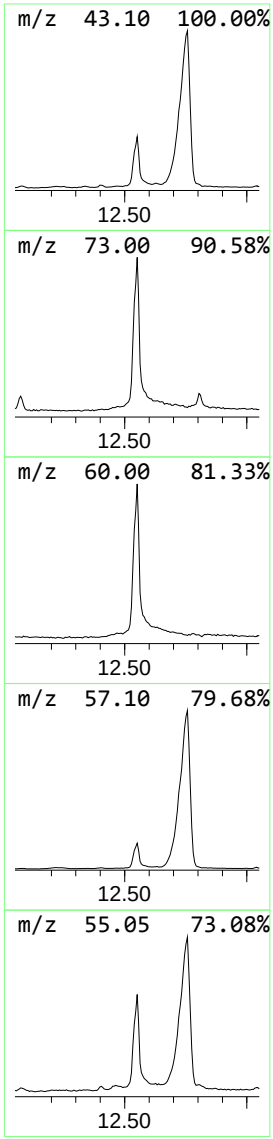
Peak Number 1 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.551	33.06 ng	1631960	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122118.D
Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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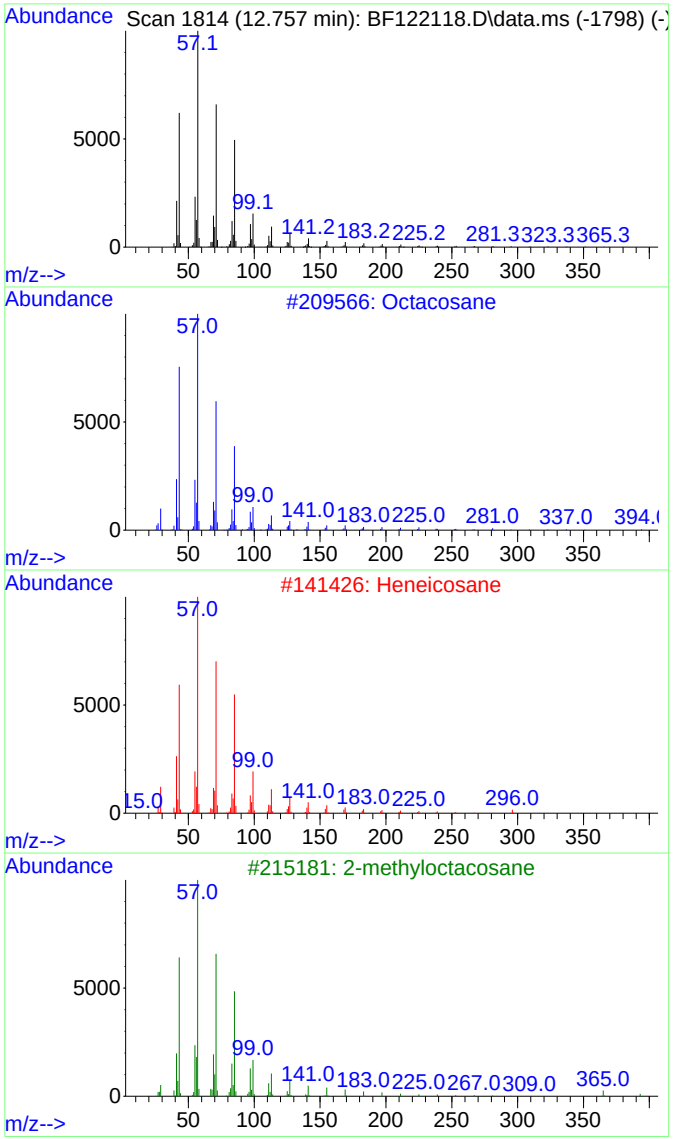
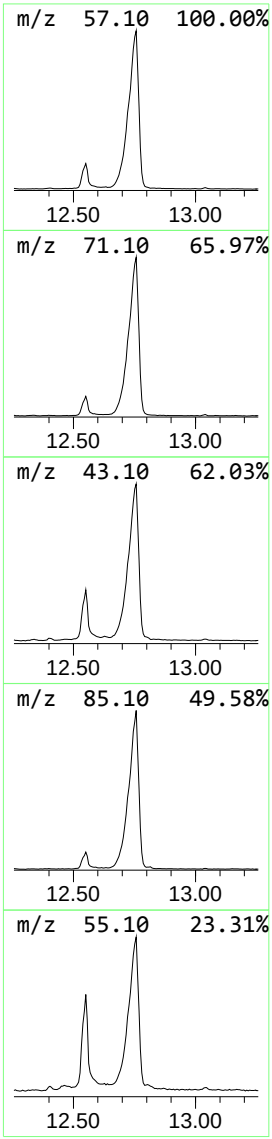
Peak Number 2 Octacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.757	163.74 ng	6277900	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122118.D
Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

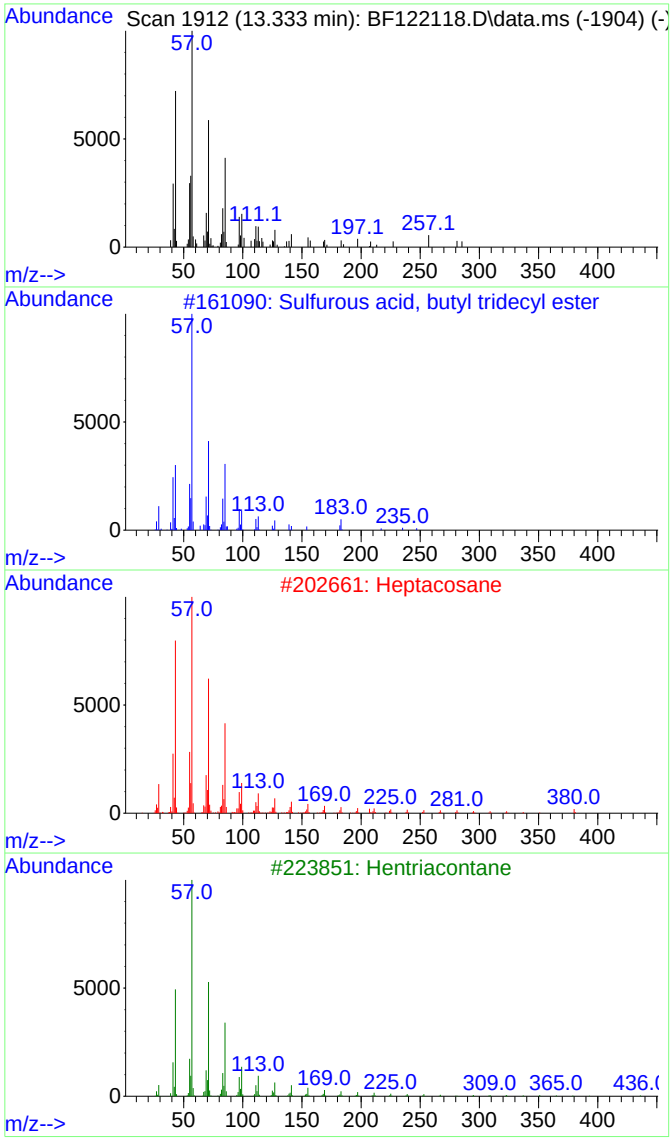
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

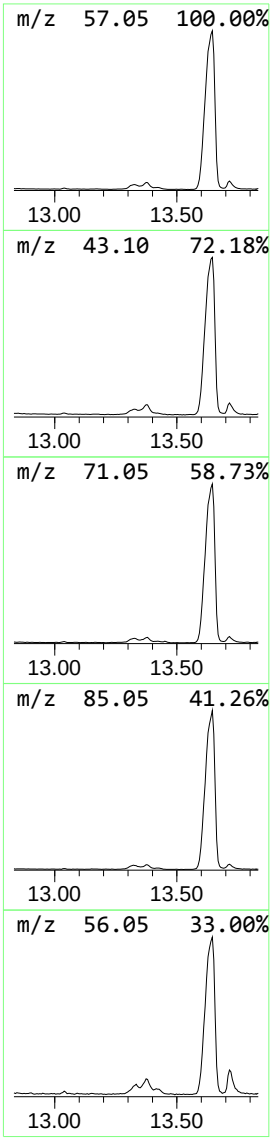
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Sulfurous acid, butyl tride... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.333	4.76 ng	182396	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	87
2	Heptacosane	380	C27H56	000593-49-7	87
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	87
5	Tetratetracontane	619	C44H90	007098-22-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122118.D
Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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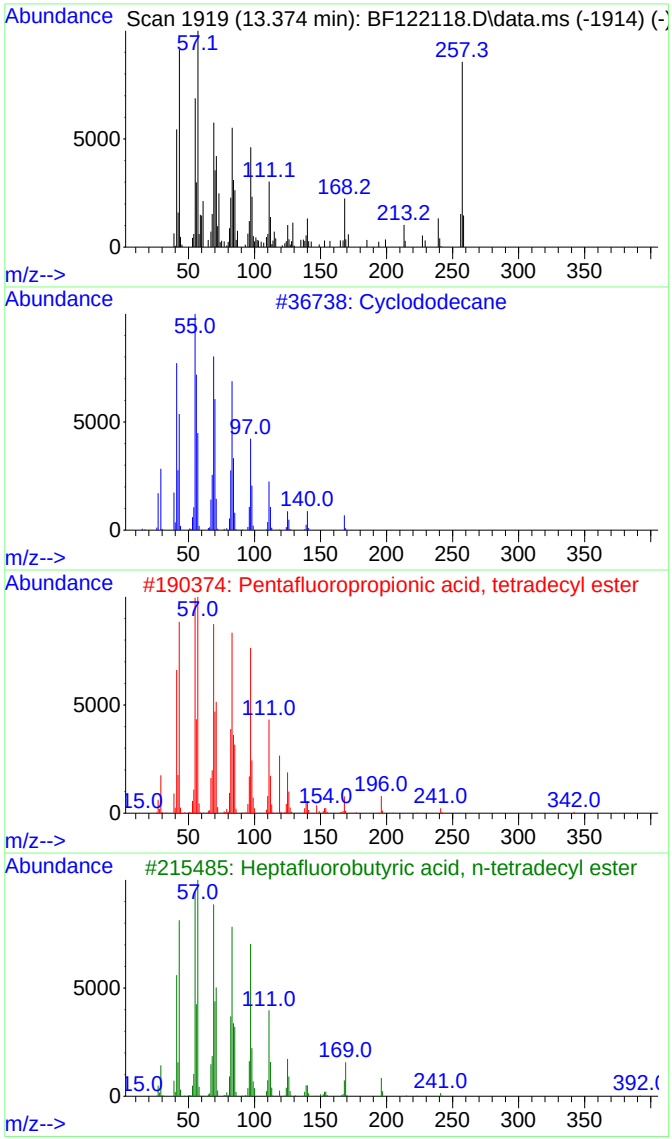
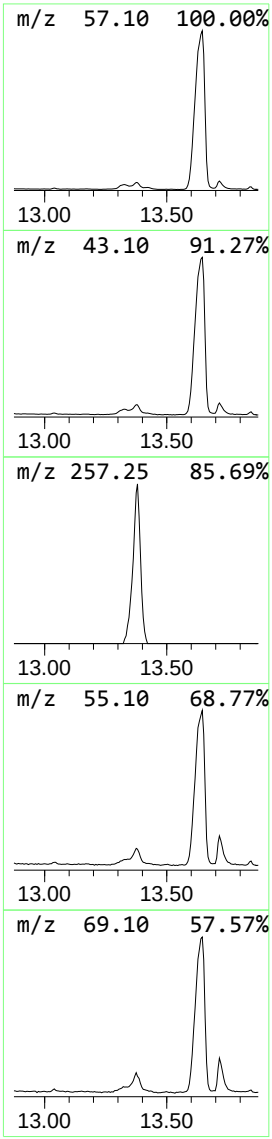
Peak Number 4 Cyclododecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.374	14.63 ng	560790	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	89
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	50
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	50
4	Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	50
5	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122118.D
Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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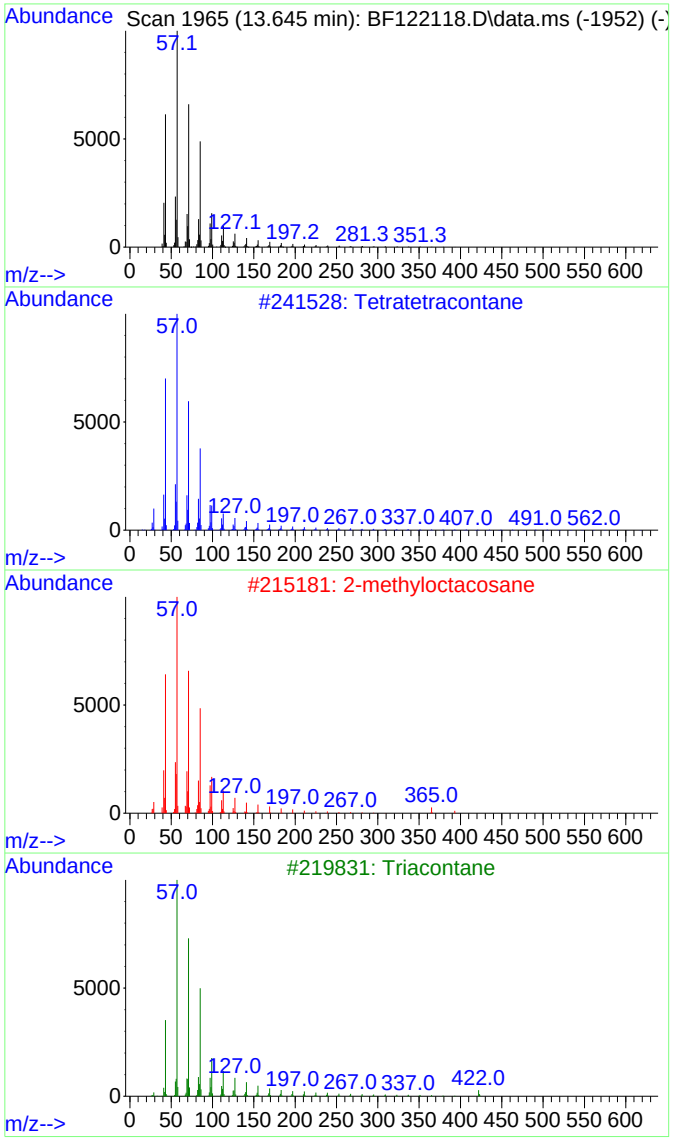
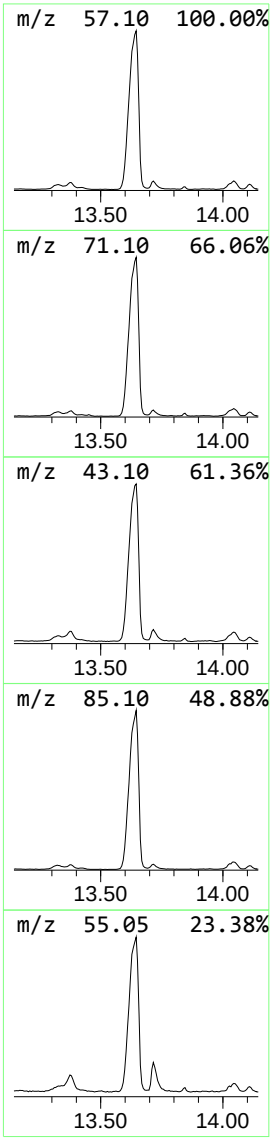
Peak Number 5 Tetratetracontane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.645	185.85 ng	7125820	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122118.D
Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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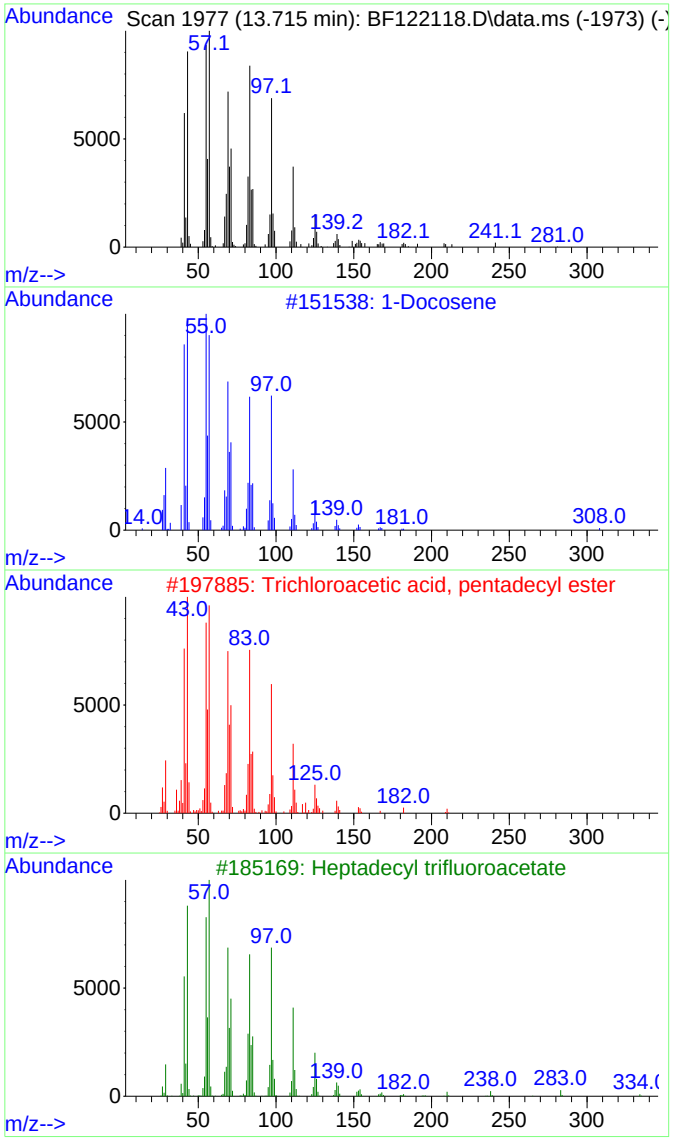
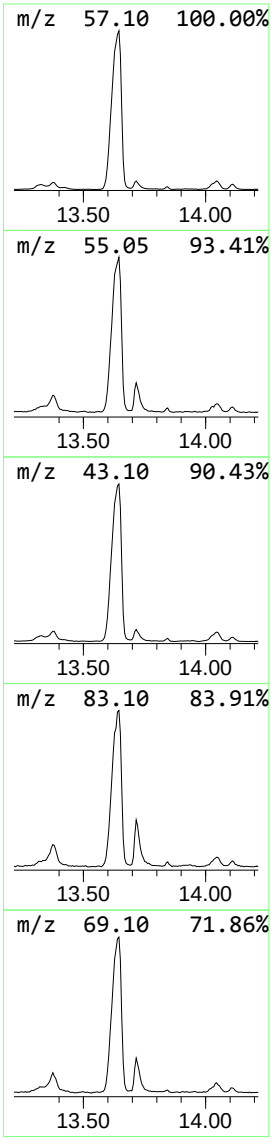
Peak Number 6 1-Docosene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	11.65 ng	446779	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Nonadecene	266	C19H38	018435-45-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122118.D
Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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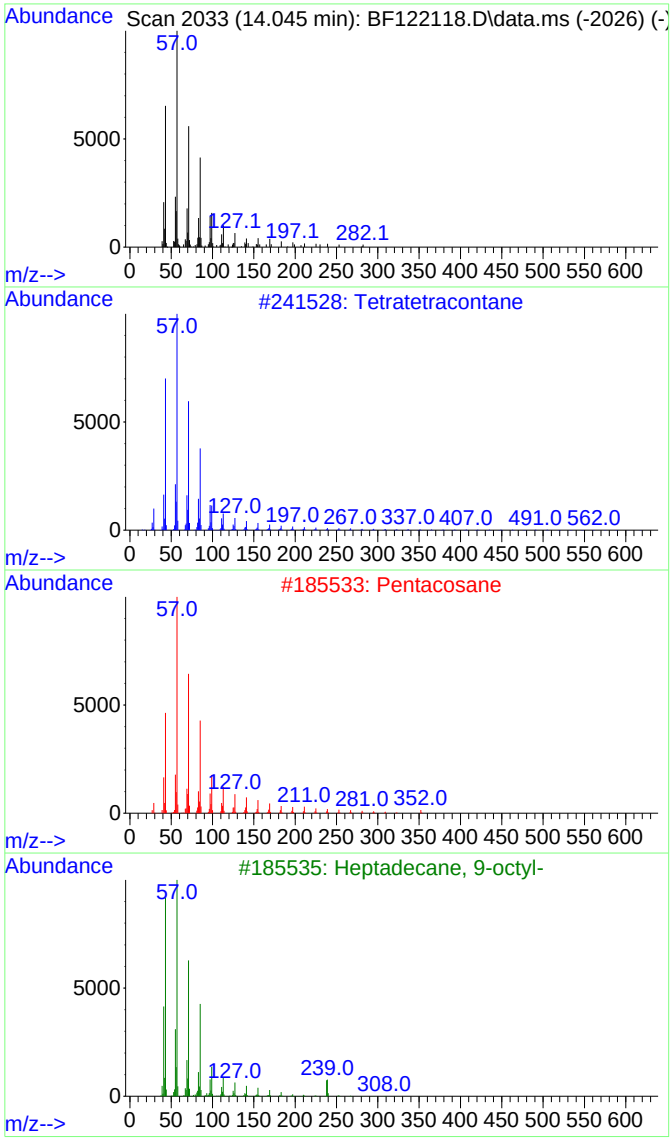
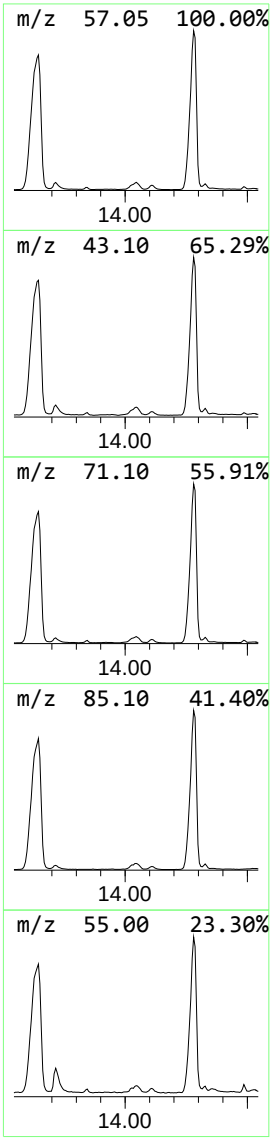
Peak Number 7 Pentacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.045	8.07 ng	309599	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122118.D
Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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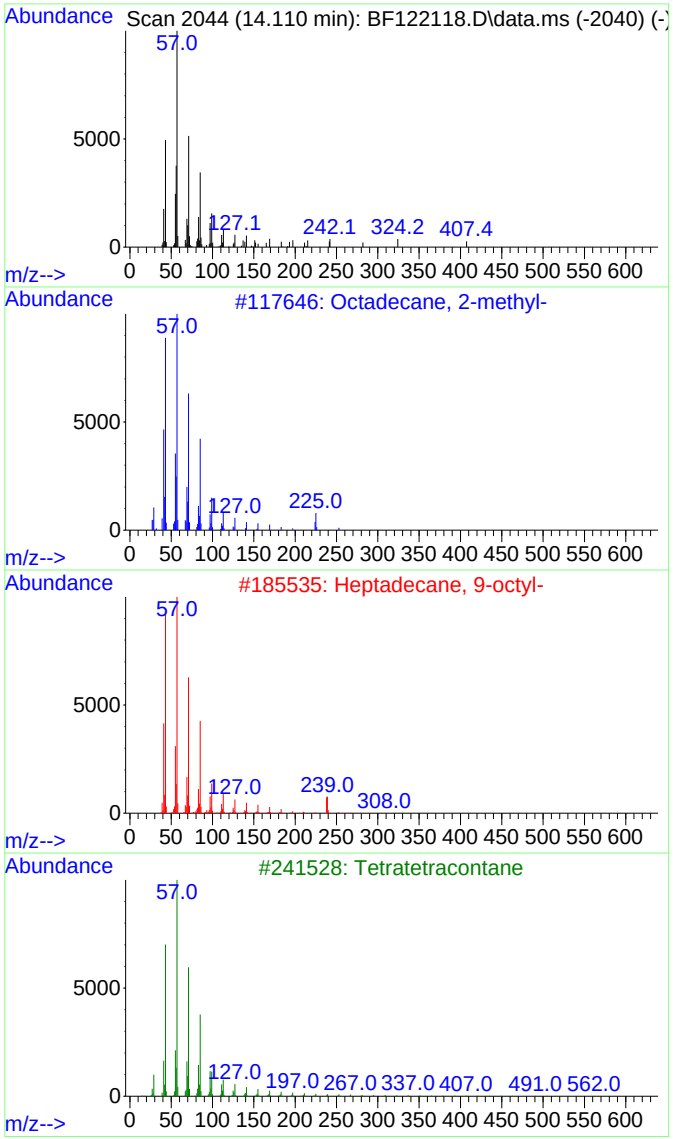
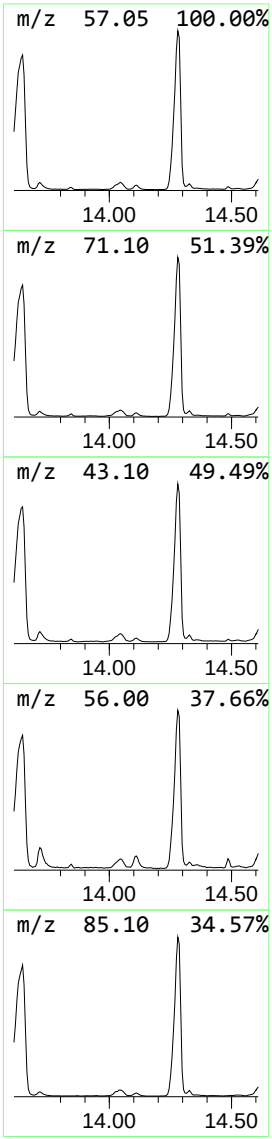
Peak Number 8 Octadecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.110	3.93 ng	150715	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	72
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72
3	Tetratetracontane	619	C44H90	007098-22-8	72
4	Tricosane	324	C23H48	000638-67-5	70
5	Hentriacontane	437	C31H64	000630-04-6	68





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Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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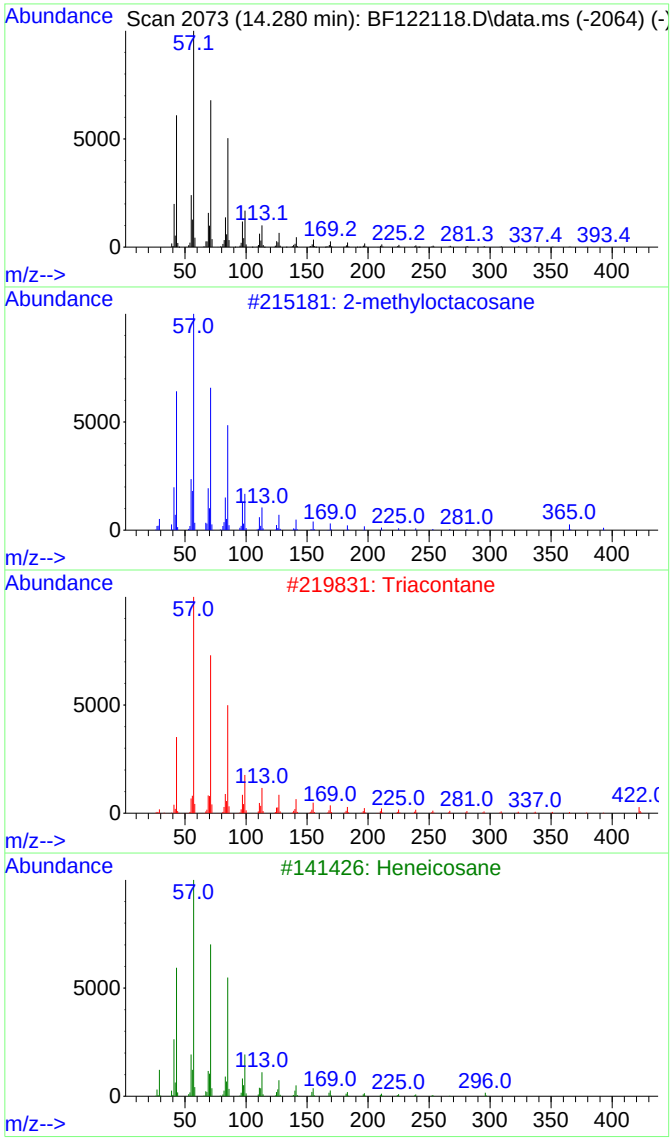
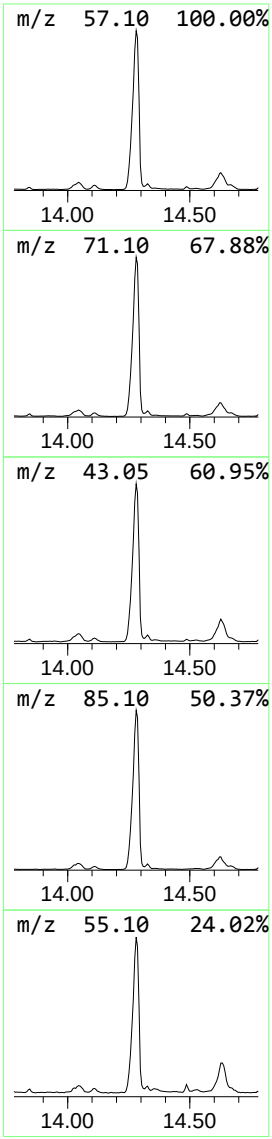
Peak Number 9 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.280	149.96 ng	5749660	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

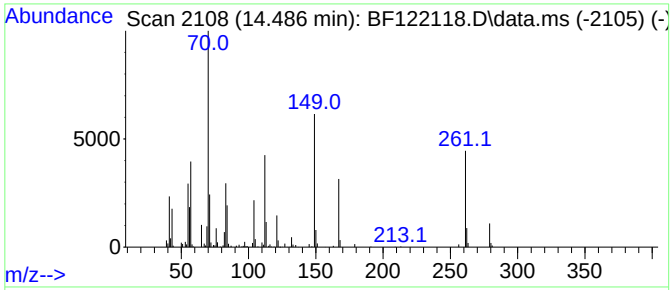
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

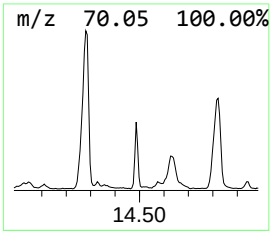
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

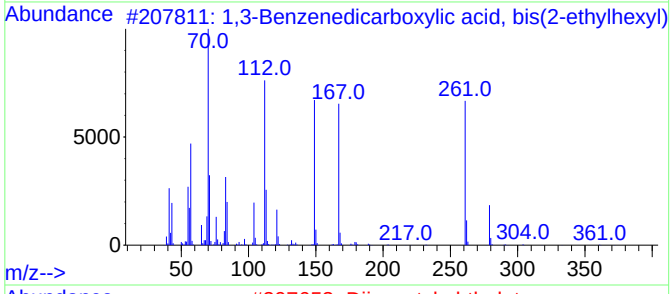
****
Peak Number 10 1,3-Benzenedicarboxylic aci... Concentration Rank 19

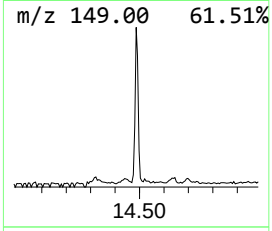
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.486	3.84 ng	147143	Chrysene-d12	13.874

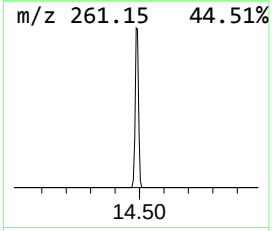
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
2	Diisooctyl phthalate	390	C24H38O4	000131-20-4	14
3	5-Undecene, 3-methyl-, (E)-	168	C12H24	074630-67-4	14
4	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	14
5	Phthalic acid, but-3-yn-2-yl 3,5...	330	C18H12F2O4	1000315-75-6	14

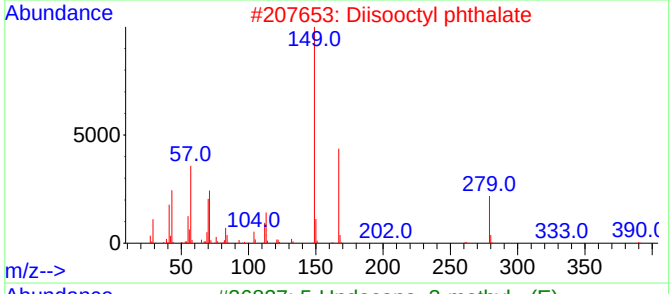


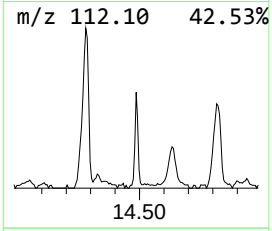


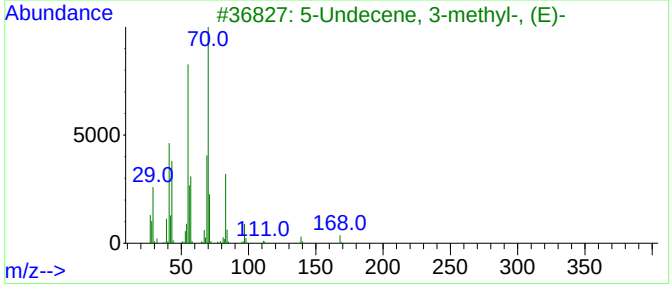


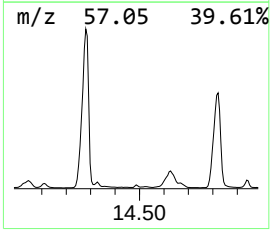












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Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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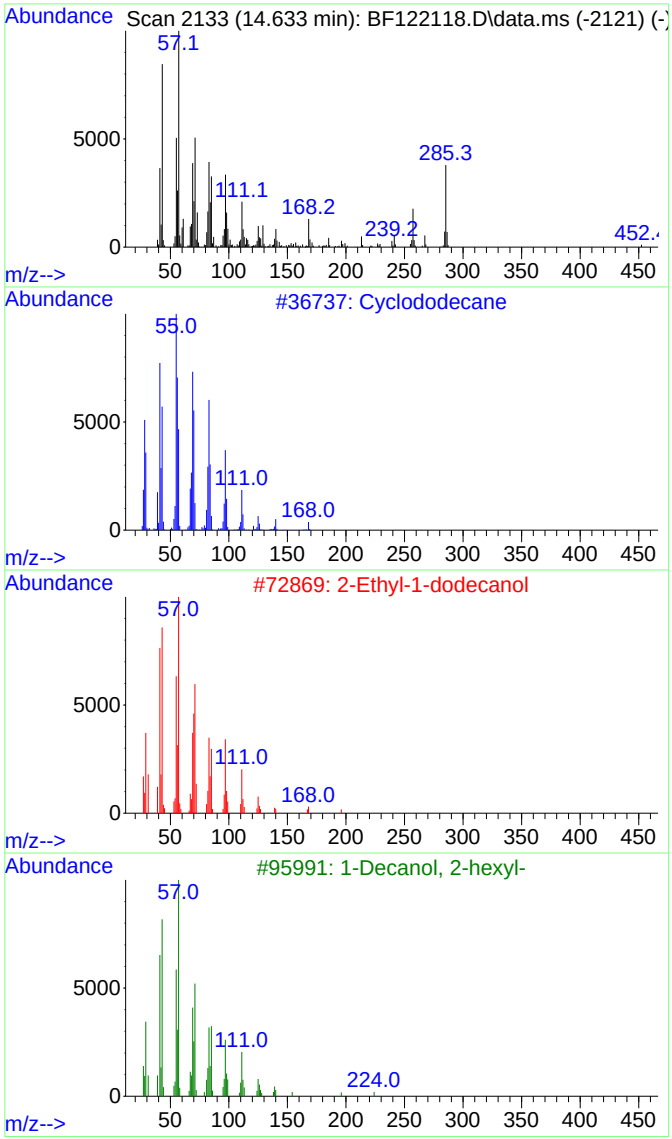
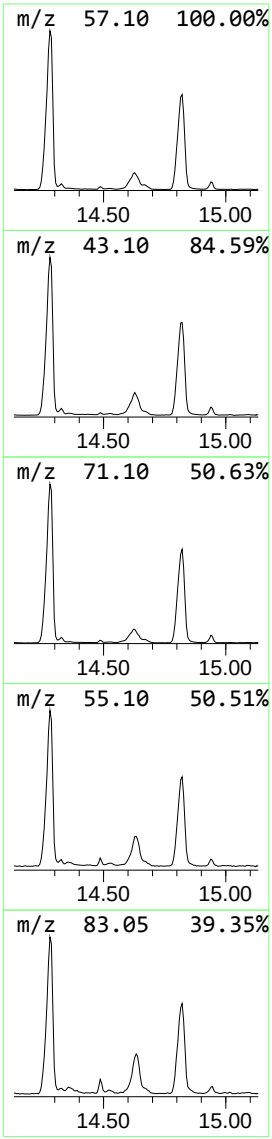
Peak Number 11 2-Ethyl-1-dodecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	39.43 ng	1507580	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	90
2	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	81
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	76
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	74
5	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	74





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Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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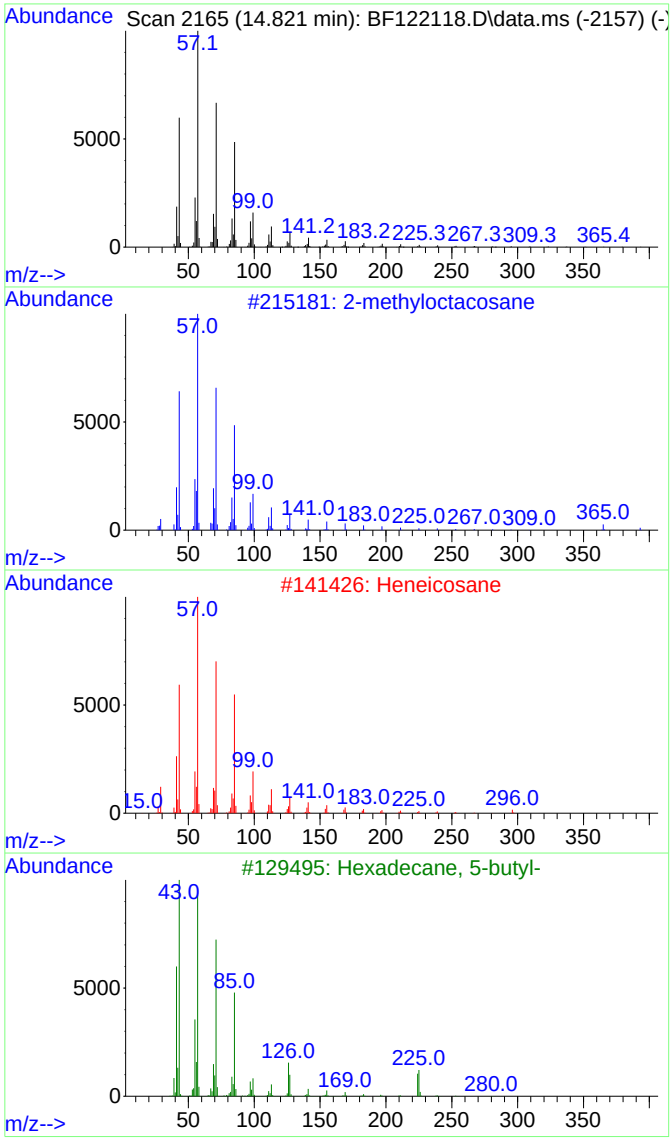
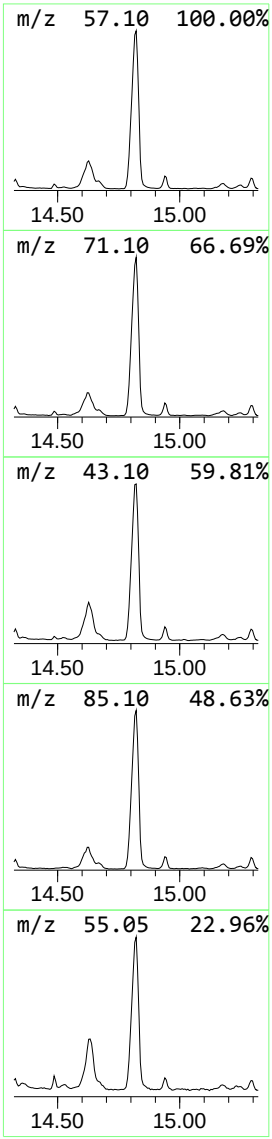
Peak Number 12 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.821	97.80 ng	3739290	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Triacontane	422	C30H62	000638-68-6	91





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Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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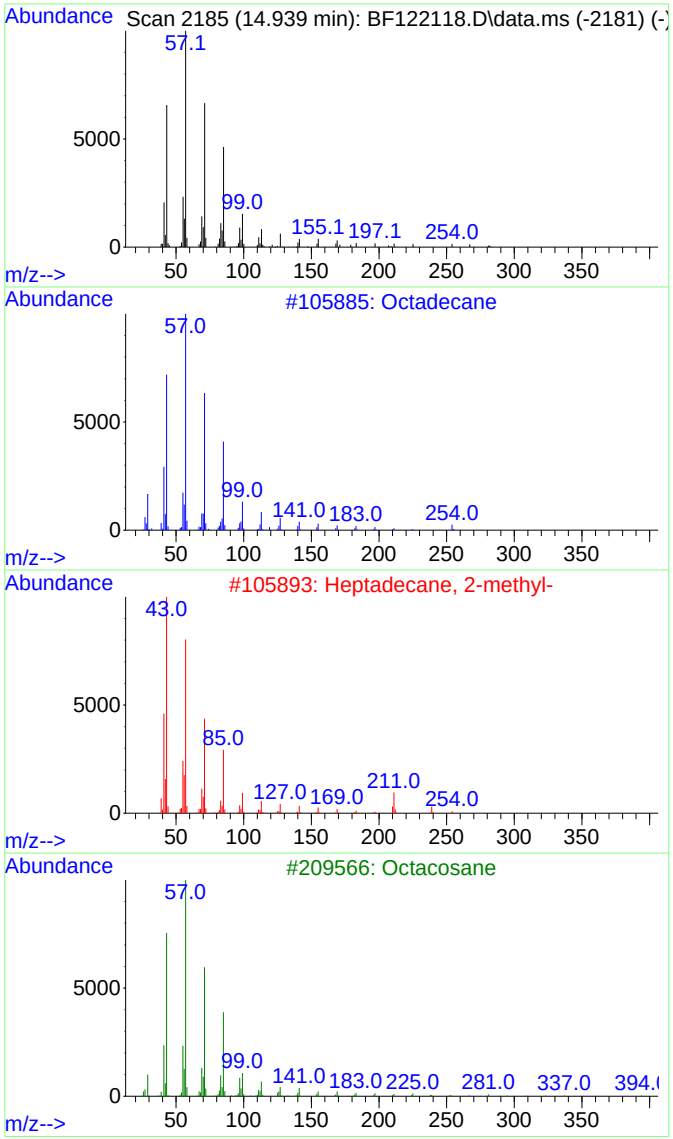
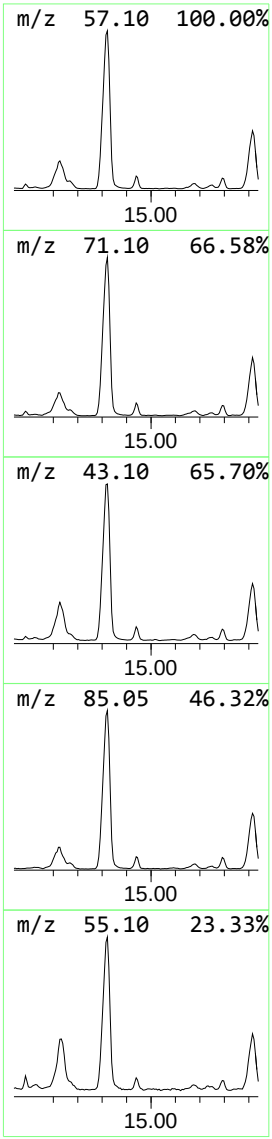
Peak Number 13 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.939	4.94 ng	188910	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	94
3	Octacosane	394	C28H58	000630-02-4	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Sample : L4436-09
Misc :
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Instrument : BNA_F
ClientSampleId : 36B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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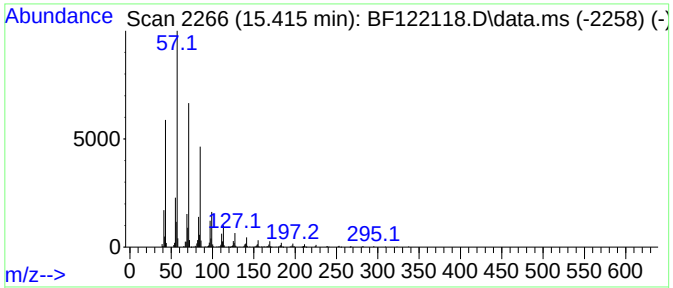
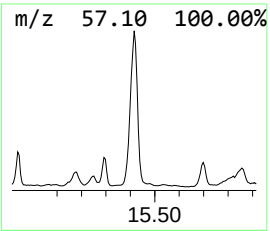
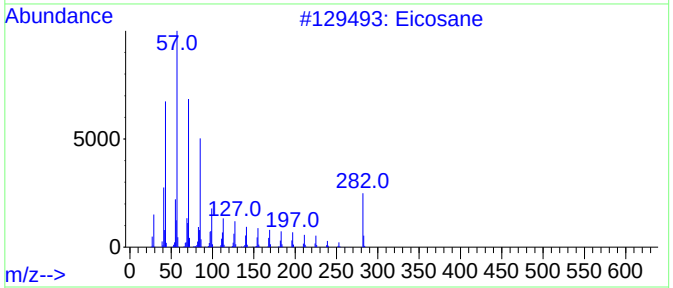
Peak Number 14 Eicosane Concentration Rank 6

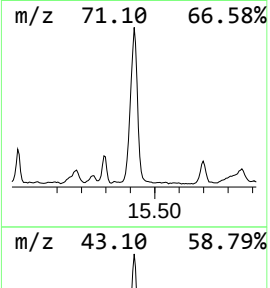
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	35.79 ng	1368460	Perylene-d12	15.304

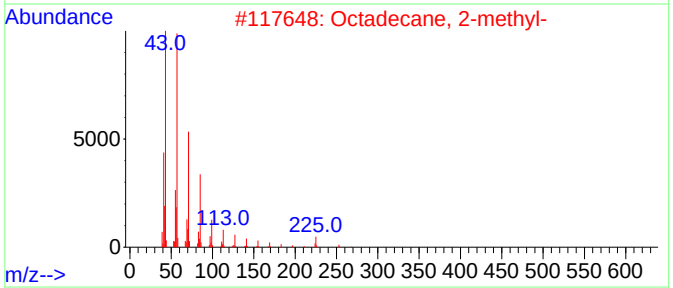
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91

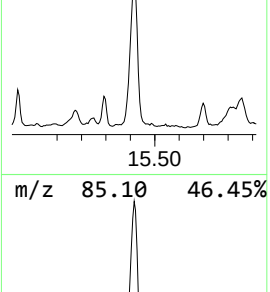


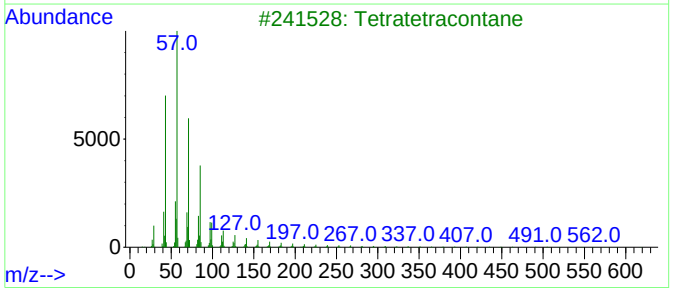


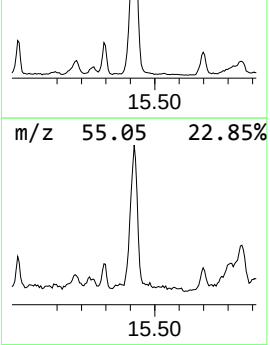












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Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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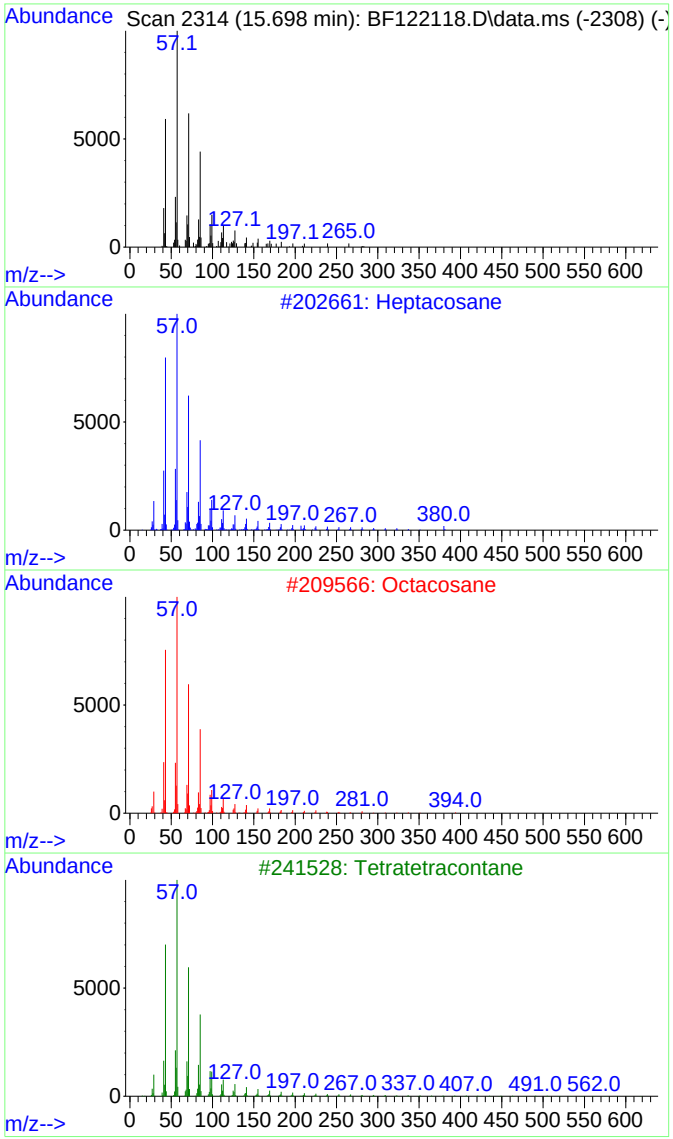
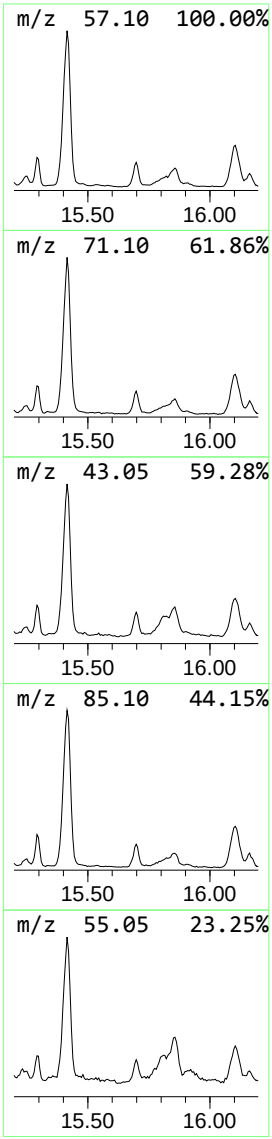
Peak Number 15 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.698	4.83 ng	184614	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Sample : L4436-09
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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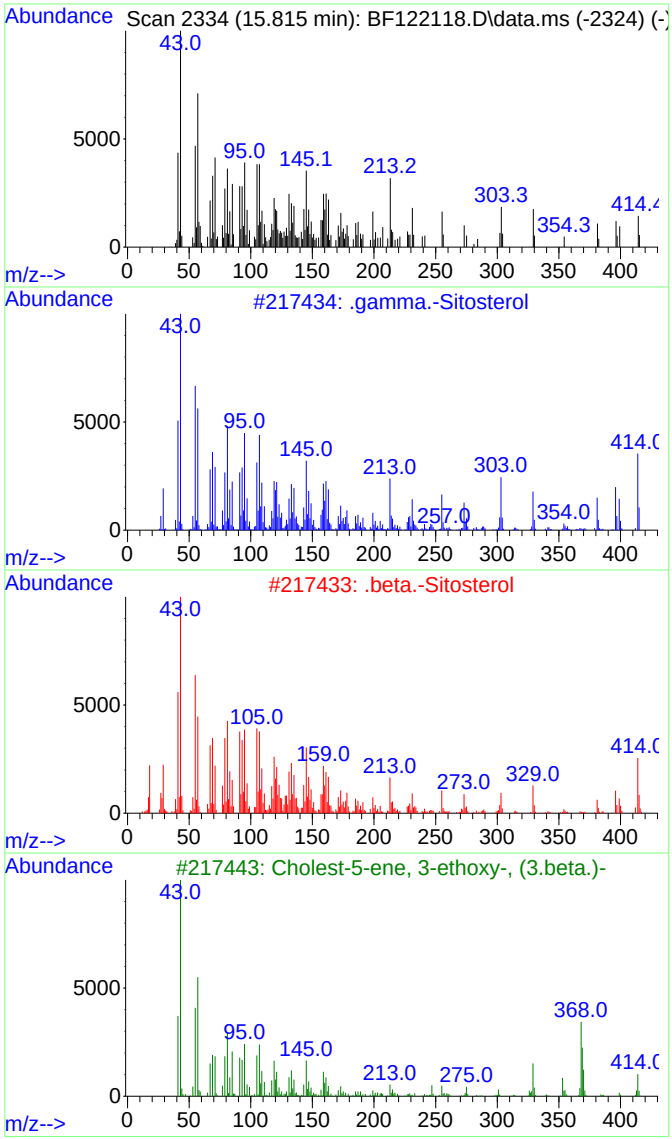
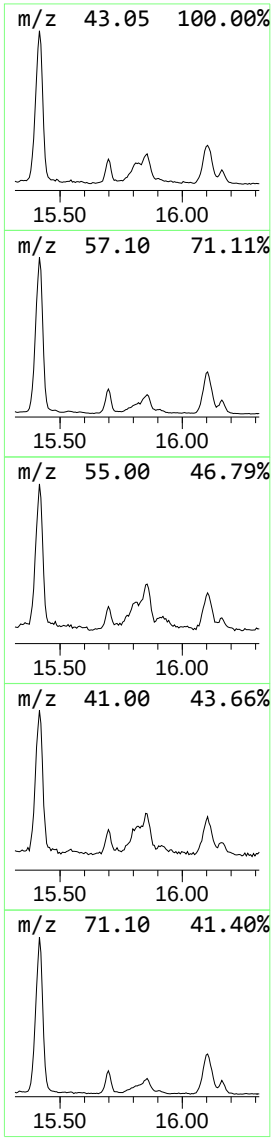
Peak Number 16 .gamma.-Sitosterol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.815	11.56 ng	441784	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
3	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	92
4	Kauren-18-ol, acetate, (4.beta.)-	330	C22H34O2	072150-74-4	50
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	49





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Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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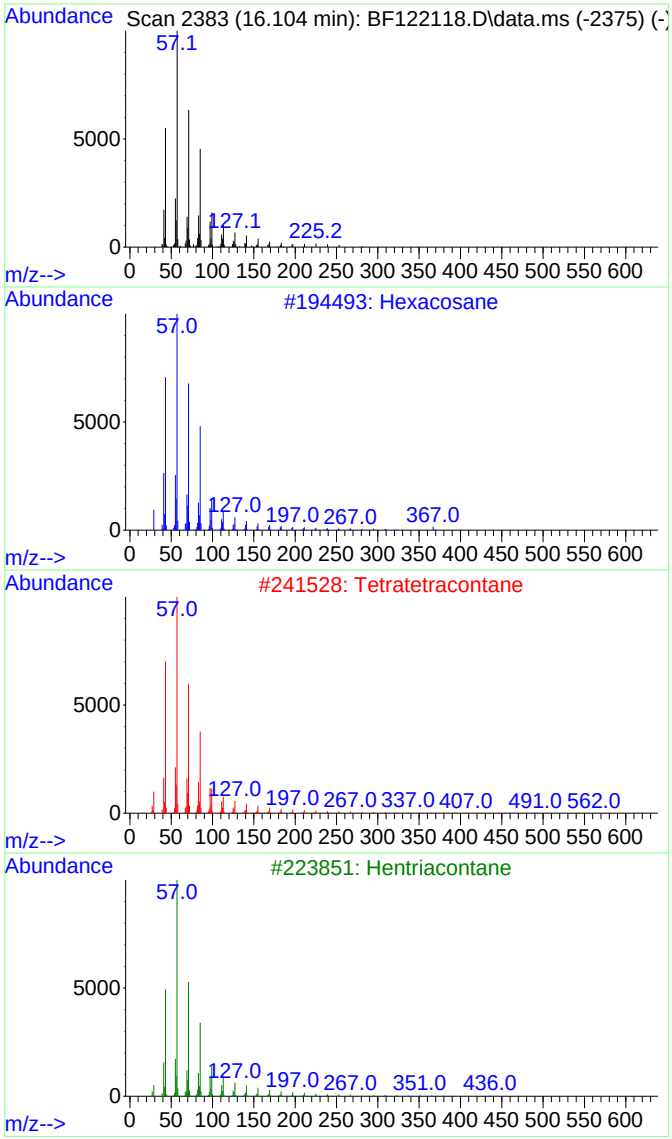
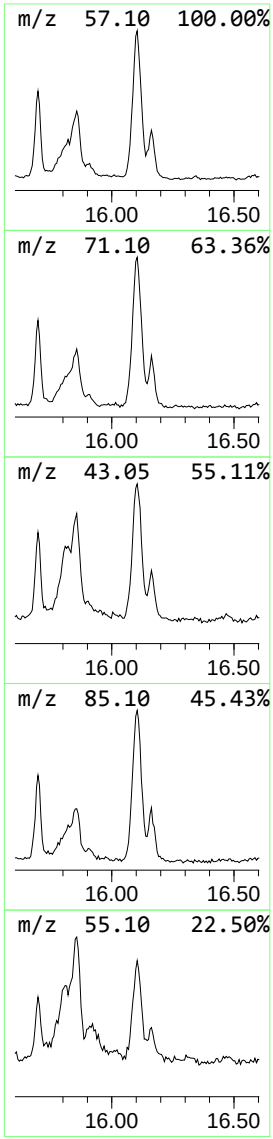
Peak Number 17 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.104	11.86 ng	453606	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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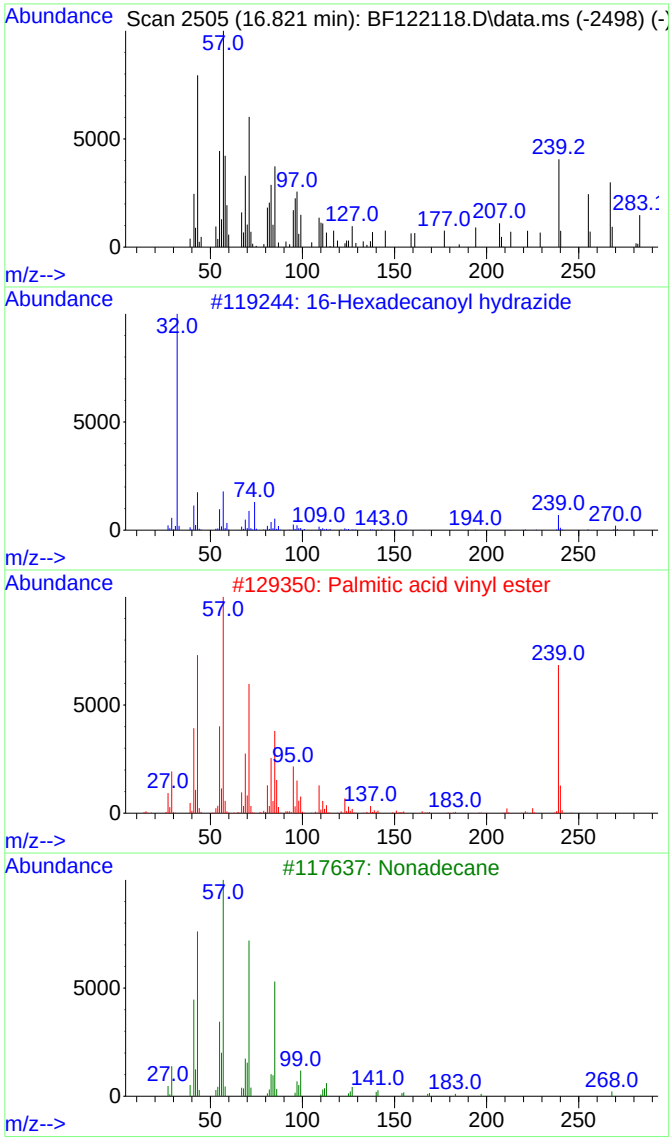
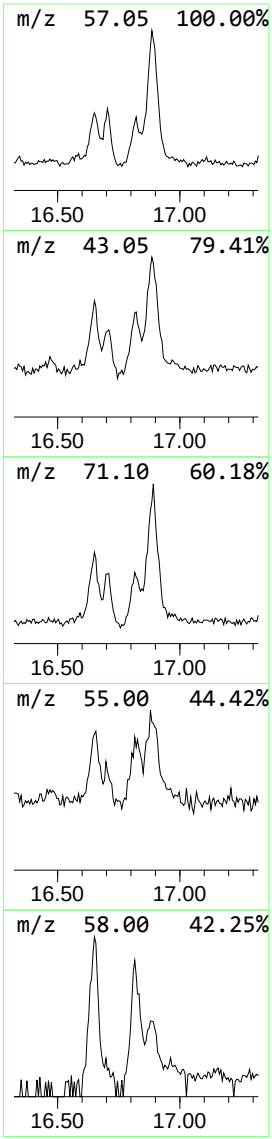
Peak Number 18 unknown16.82 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.821	3.41 ng	130431	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	49
2	Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	45
3	Nonadecane	268	C19H40	000629-92-5	38
4	Heptadecane	240	C17H36	000629-78-7	35
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122118.D
Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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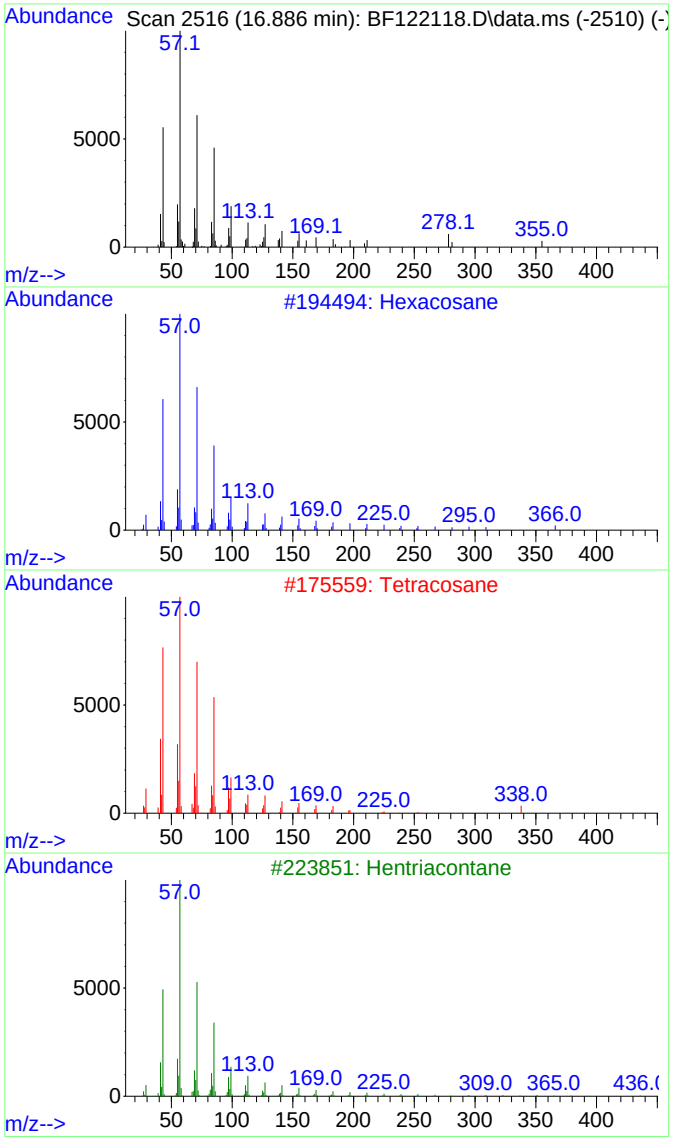
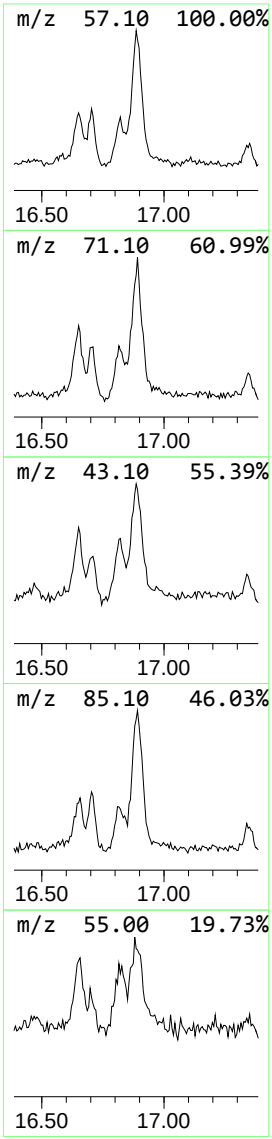
Peak Number 19 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.886	5.83 ng	222854	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Pentacosane	352	C25H52	000629-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122118.D
Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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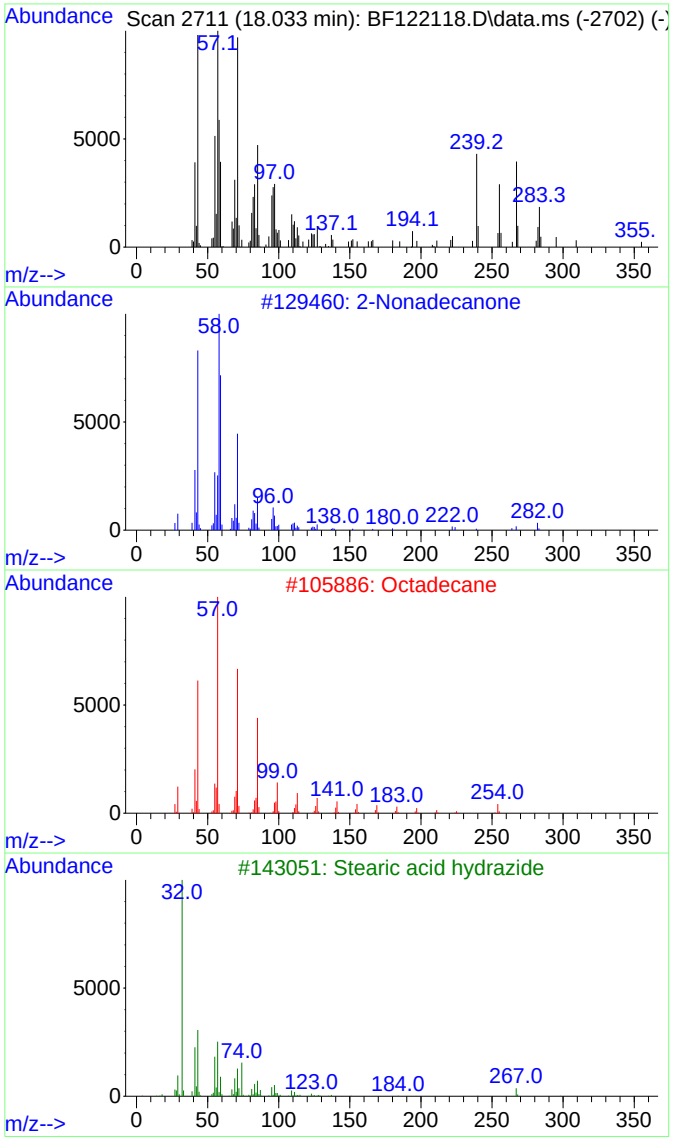
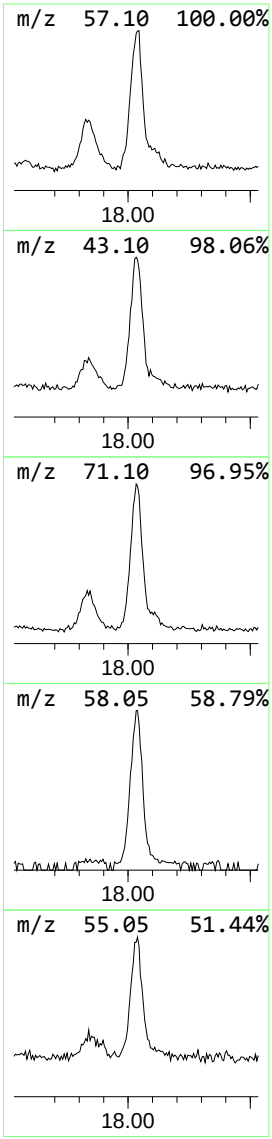
Peak Number 20 2-Nonadecanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.033	12.70 ng	485650	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonadecanone	282	C19H38O	000629-66-3	60
2	Octadecane	254	C18H38	000593-45-3	55
3	Stearic acid hydrazide	298	C18H38N2O	004130-54-5	43
4	Hexadecanal, 2-methyl-	254	C17H34O	055019-46-0	42
5	Eicosane	282	C20H42	000112-95-8	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122118.D
Acq On : 26 Oct 2020 16:37
Operator : JU/CG
Sample : L4436-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 36B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octadecanoic acid	12.551	33.1	ng	1631960	4	11.233	987174	20.0
Octacosane	12.757	163.7	ng	6277900	5	13.874	766831	20.0
Sulfurous acid,...	13.333	4.8	ng	182396	5	13.874	766831	20.0
Cyclododecane	13.374	14.6	ng	560790	5	13.874	766831	20.0
Tetratetracontane	13.645	185.8	ng	7125820	5	13.874	766831	20.0
1-Docosene	13.716	11.7	ng	446779	5	13.874	766831	20.0
Pentacosane	14.045	8.1	ng	309599	5	13.874	766831	20.0
Octadecane, 2-m...	14.110	3.9	ng	150715	5	13.874	766831	20.0
2-methyloctacosane	14.280	150.0	ng	5749660	5	13.874	766831	20.0
1,3-Benzenedica...	14.486	3.8	ng	147143	5	13.874	766831	20.0
2-Ethyl-1-dodec...	14.633	39.4	ng	1507580	6	15.304	764659	20.0
Heneicosane	14.821	97.8	ng	3739290	6	15.304	764659	20.0
Octadecane	14.939	4.9	ng	188910	6	15.304	764659	20.0
Eicosane	15.415	35.8	ng	1368460	6	15.304	764659	20.0
Heptacosane	15.698	4.8	ng	184614	6	15.304	764659	20.0
.gamma.-Sitosterol	15.815	11.6	ng	441784	6	15.304	764659	20.0
Hexacosane	16.104	11.9	ng	453606	6	15.304	764659	20.0
unknown16.82	16.821	3.4	ng	130431	6	15.304	764659	20.0
Tetracosane	16.886	5.8	ng	222854	6	15.304	764659	20.0
2-Nonadecanone	18.033	12.7	ng	485650	6	15.304	764659	20.0