LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109332.D
Acq On : 26 Sep 2018 13:25
Operator : JU/SJ
Sample : J5057-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.898	472	478	485	rBV	79245	105730	1.95%	0.197%
2	5.316	544	549	553	rBV	2203195	2344385	43.29%	4.360%
3	6.345	719	724	727	rBV	2273942	2505503	46.27%	4.660%
4	6.475	742	746	750	rBV	2536340	2467815	45.57%	4.590%
5	6.704	782	785	789	rBV	837005	667484	12.33%	1.241%
6	6.863	808	812	815	rBV	2243013	1848421	34.13%	3.438%
7	7.269	876	881	884	rBV	1685458	1583748	29.24%	2.946%
8	7.986	999	1003	1006	rBV	1080673	859789	15.88%	1.599%
9	9.063	1182	1186	1189	rBV	2964365	2583847	47.71%	4.806%
10	9.457	1249	1253	1256	rBV	871678	654303	12.08%	1.217%
11	9.739	1296	1301	1304	rBV	1049205	982449	18.14%	1.827%
12	10.522	1430	1434	1438	rBV	2020879	1835343	33.89%	3.414%
13	11.216	1548	1552	1554	rBV	1174393	1025628	18.94%	1.908%
14	11.557	1600	1610	1626	rVB4	128807	547955	10.12%	1.019%
15	11.757	1638	1644	1654	rBV	491782	668368	12.34%	1.243%
16	12.192	1705	1718	1729	rBV2	419878	1405283	25.95%	2.614%
17	12.392	1734	1752	1761	rVV2	1281379	4530632	83.66%	8.426%
18	12.533	1772	1776	1780	rBV	264073	324344	5.99%	0.603%
19	12.586	1781	1785	1793	rVV	113179	303383	5.60%	0.564%
20	12.645	1793	1795	1799	rVV	75534	65570	1.21%	0.122%
21	12.798	1816	1821	1824	rBV	2799663	2483333	45.86%	4.619%
22	13.321	1899	1910	1918	rVB	2264240	5323813	98.31%	9.902%
23	13.710	1973	1976	1979	rBV	120659	166578	3.08%	0.310%
24	13.839	1994	1998	2001	rVB	1011605	856348	15.81%	1.593%
25	13.986	2013	2023	2032	rVB	2760150	5415462	100.00%	10.072%
26	14.327	2073	2081	2086	rBV	175694	292950	5.41%	0.545%
27	14.380	2087	2090	2095	rVB	64144	94884	1.75%	0.176%
28	14.521	2106	2114	2124	rBV	2823535	4395955	81.17%	8.176%
29	14.621	2128	2131	2134	rVB	99233	87218	1.61%	0.162%
30	14.692	2139	2143	2146	rVB	127317	128970	2.38%	0.240%
31	14.851	2159	2170	2175	rBV5	243310	700393	12.93%	1.303%
32	14.933	2181	2184	2190	rVB	118189	134090	2.48%	0.249%
33	15.033	2193	2201	2213	rBV	1469028	2805904	51.81%	5.219%
34	15.239	2231	2236	2240	rBV	673882	831631	15.36%	1.547%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
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Acq On : 26 Sep 2018 13:25
Operator : JU/SJ
Sample : J5057-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.286	2240	2244	2253	rVB	146488	221205	4.08%	0.411%
36	15.392	2258	2262	2268	rVB2	52048	91791	1.69%	0.171%
37	15.621	2293	2301	2308	rBV	584245	1176261	21.72%	2.188%
38	15.686	2308	2312	2317	rVB	125958	181613	3.35%	0.338%
39	16.009	2360	2367	2368	rBV5	45242	84967	1.57%	0.158%
40	16.151	2388	2391	2401	rVB3	83395	151506	2.80%	0.282%
41	16.304	2409	2417	2426	rVB	234581	551986	10.19%	1.027%
42	17.103	2546	2553	2563	rVB3	104254	280199	5.17%	0.521%

Sum of corrected areas: 53767037

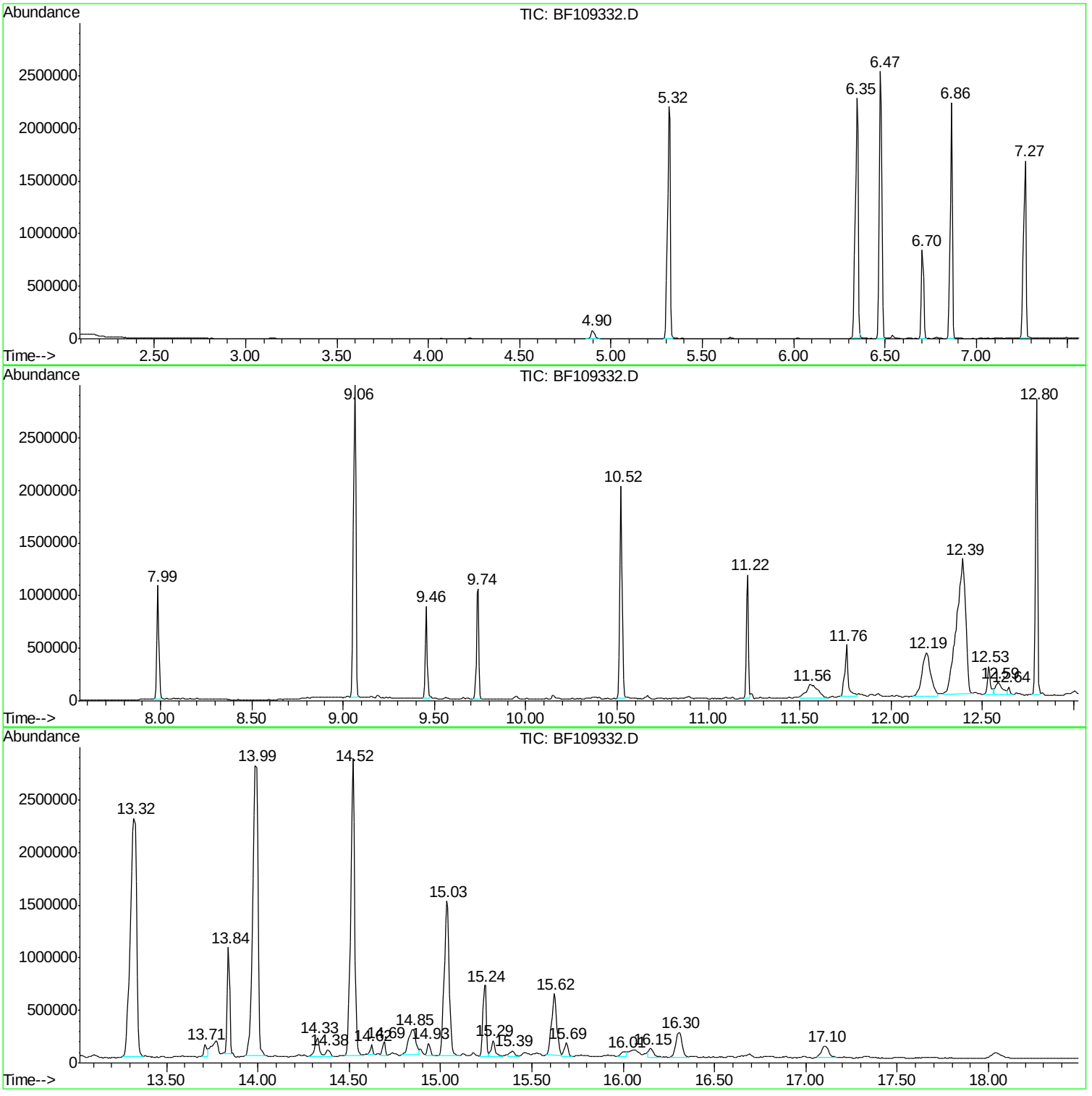
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109332.D
Acq On : 26 Sep 2018 13:25
Operator : JU/SJ
Sample : J5057-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109332.D
Acq On : 26 Sep 2018 13:25
Operator : JU/SJ
Sample : J5057-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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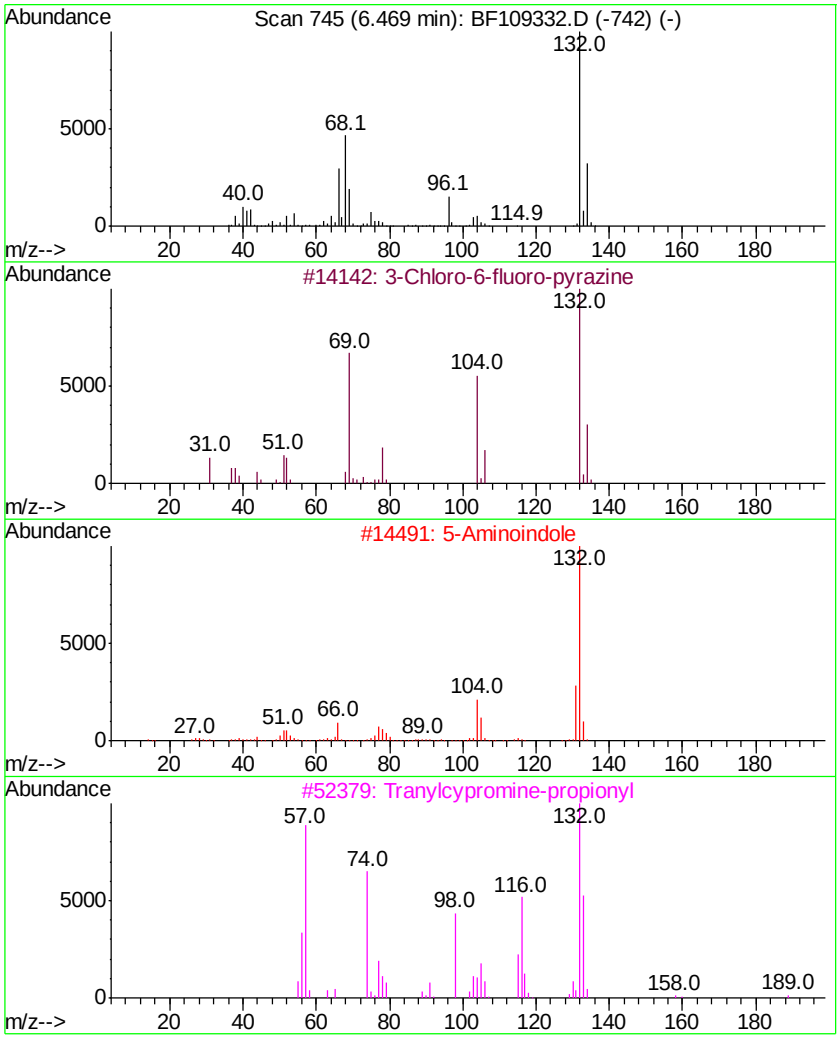
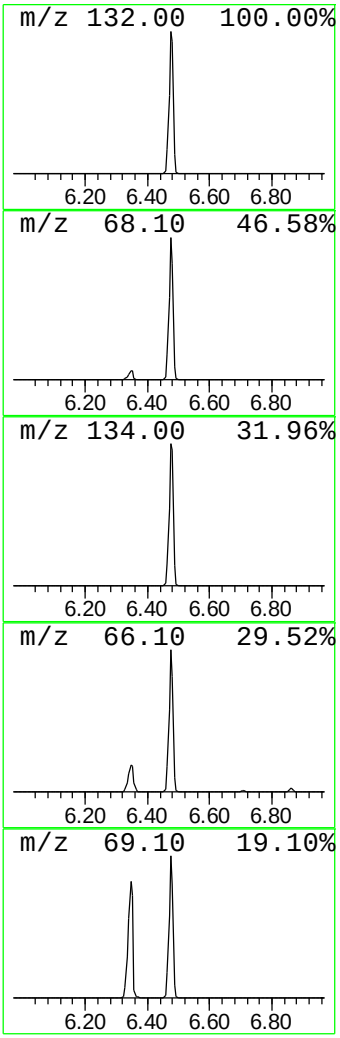
Peak Number 1 unknown6.47 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	73.94 ng	2467820	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Sample : J5057-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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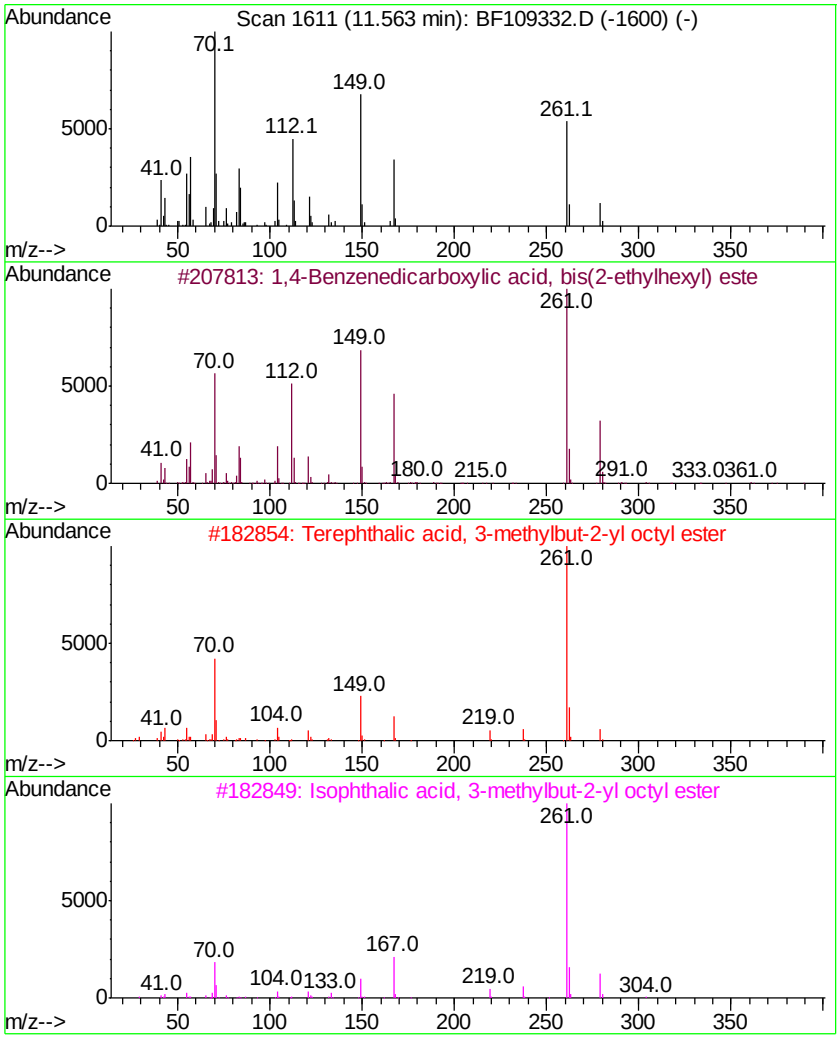
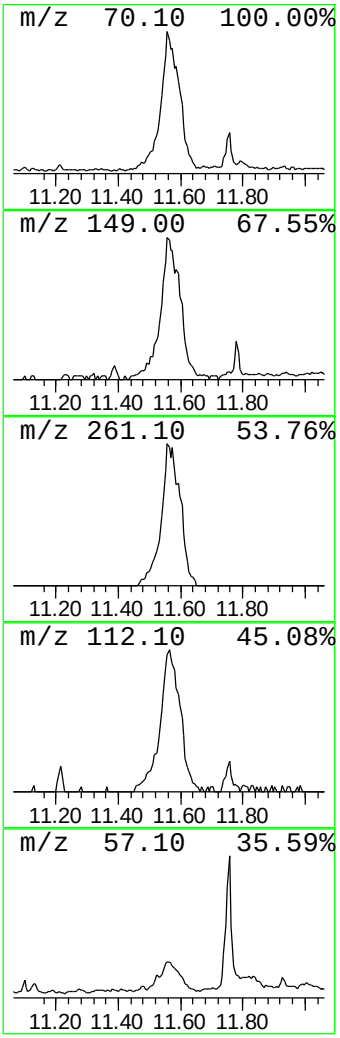
Peak Number 3 1,4-Benzenedicarboxylic aci... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	10.69 ng	547955	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	64
2	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	49
3	Isophthalic acid, 3-methylbut-2-...	348	C21H32O4	1000344-72-4	47
4	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	43
5	4-Nitrobenzoic acid, cyclobutyl ...	221	C11H11NO4	070335-00-1	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109332.D
Acq On : 26 Sep 2018 13:25
Operator : JU/SJ
Sample : J5057-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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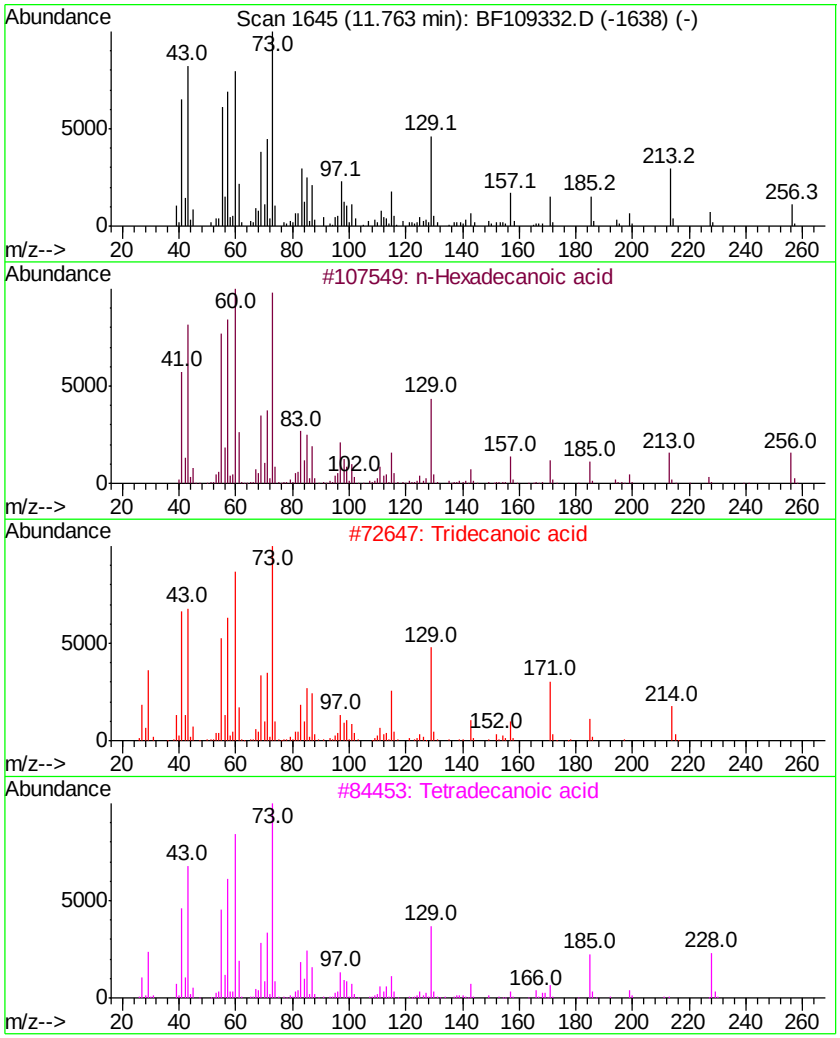
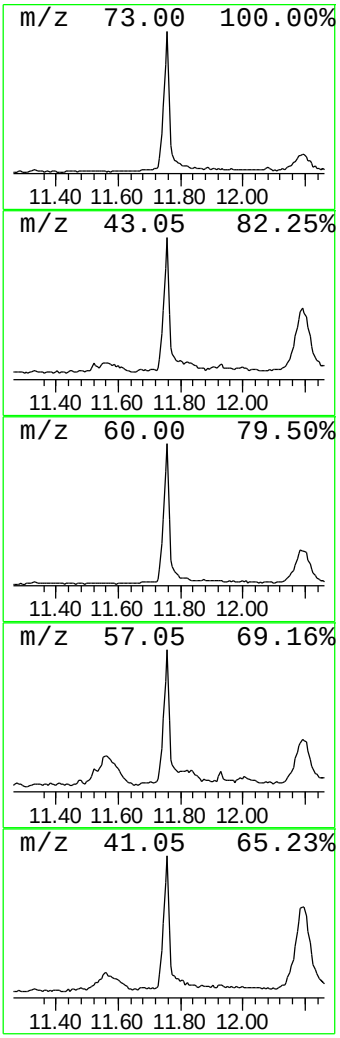
Peak Number 4 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	13.03 ng	668368	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109332.D
Acq On : 26 Sep 2018 13:25
Operator : JU/SJ
Sample : J5057-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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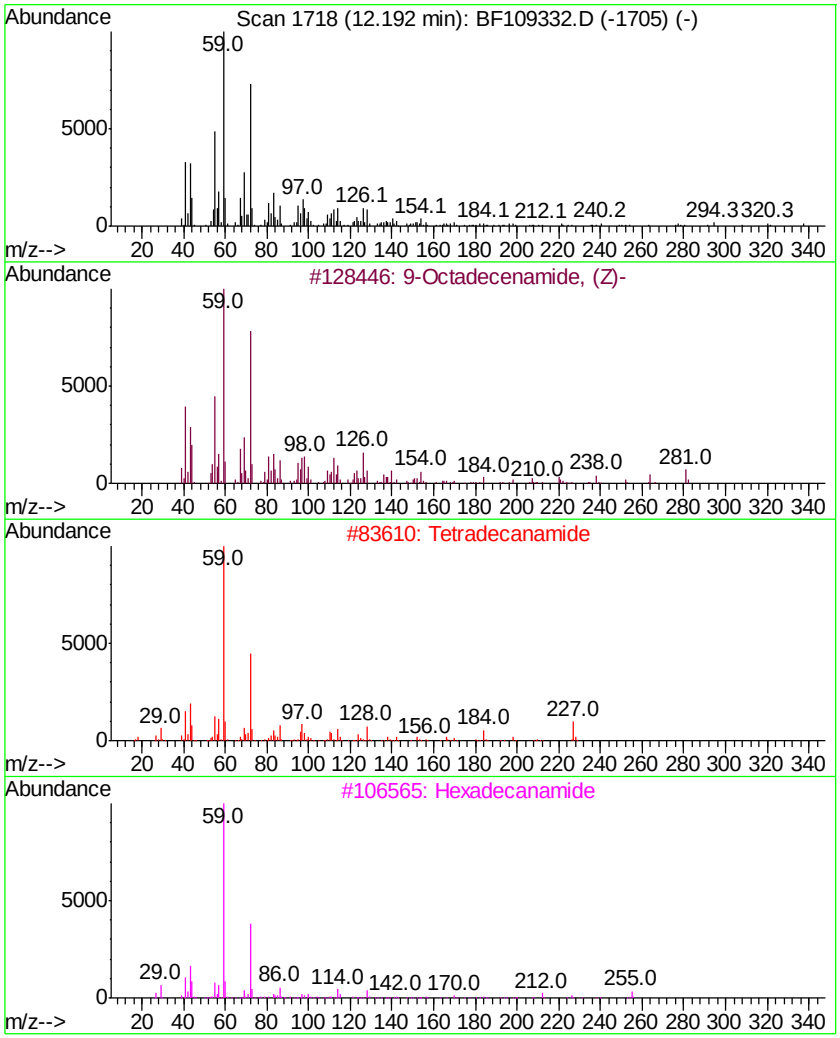
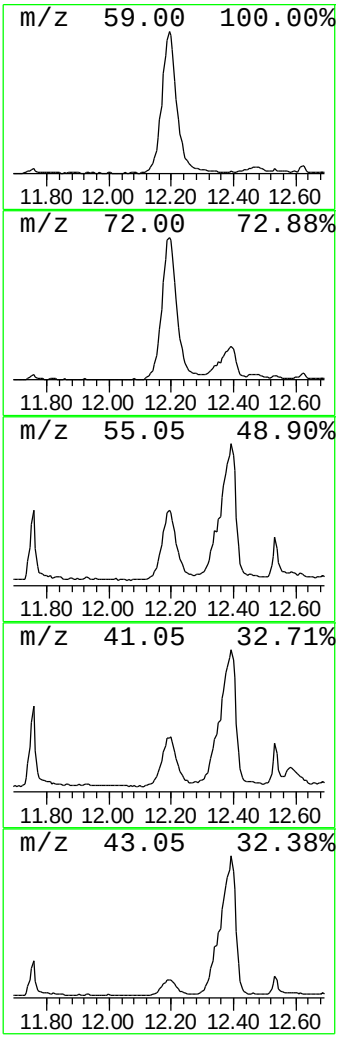
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	27.40 ng	1405280	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Tetradecanamide	227	C14H29NO	000638-58-4	72
3	Hexadecanamide	255	C16H33NO	000629-54-9	64
4	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	58
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
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Sample : J5057-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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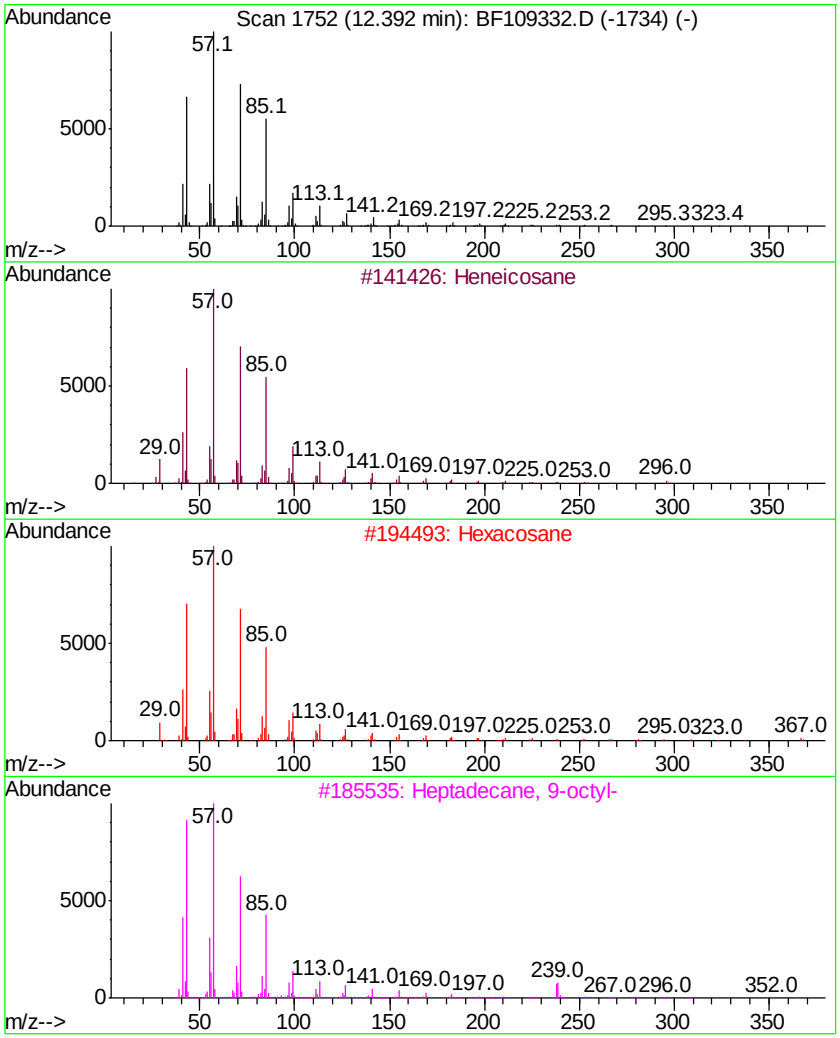
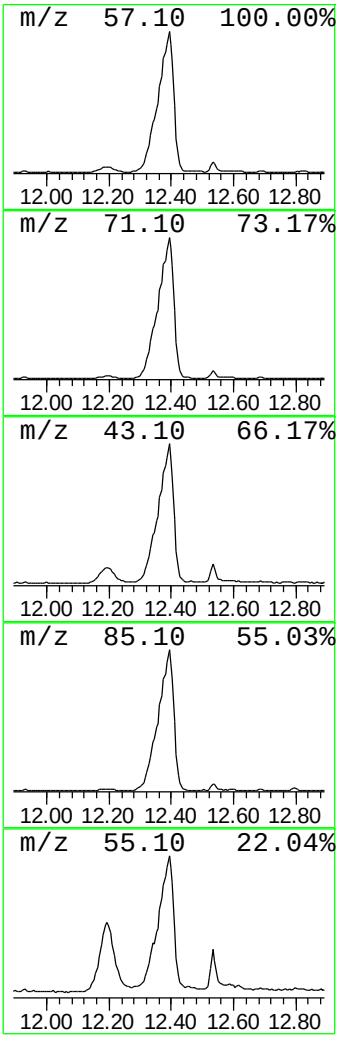
Peak Number 6 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	88.35 ng	4530630	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Library Search Compound Report

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Operator : JU/SJ
Sample : J5057-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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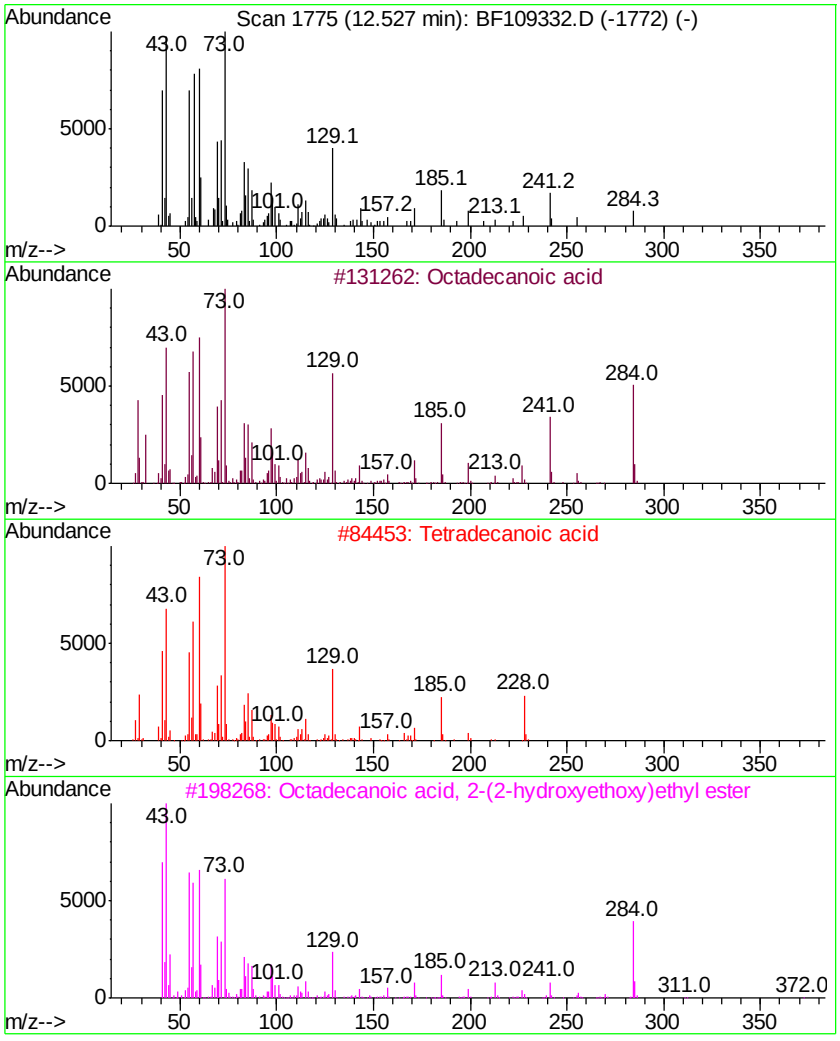
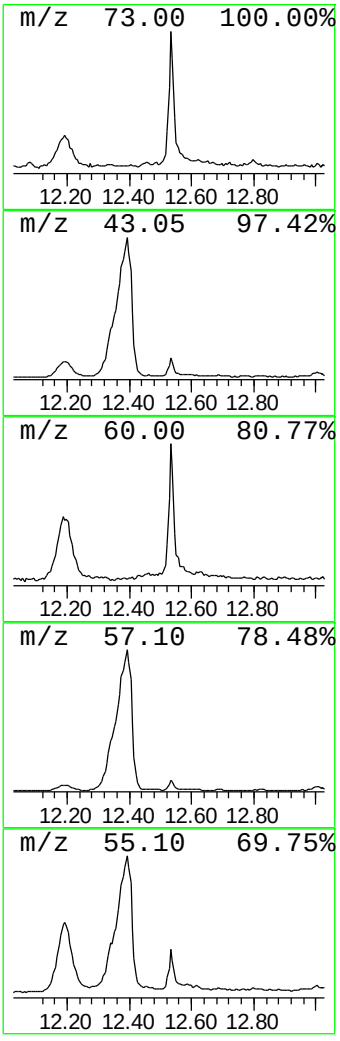
Peak Number 7 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	7.58 ng	324344	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86





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Sample : J5057-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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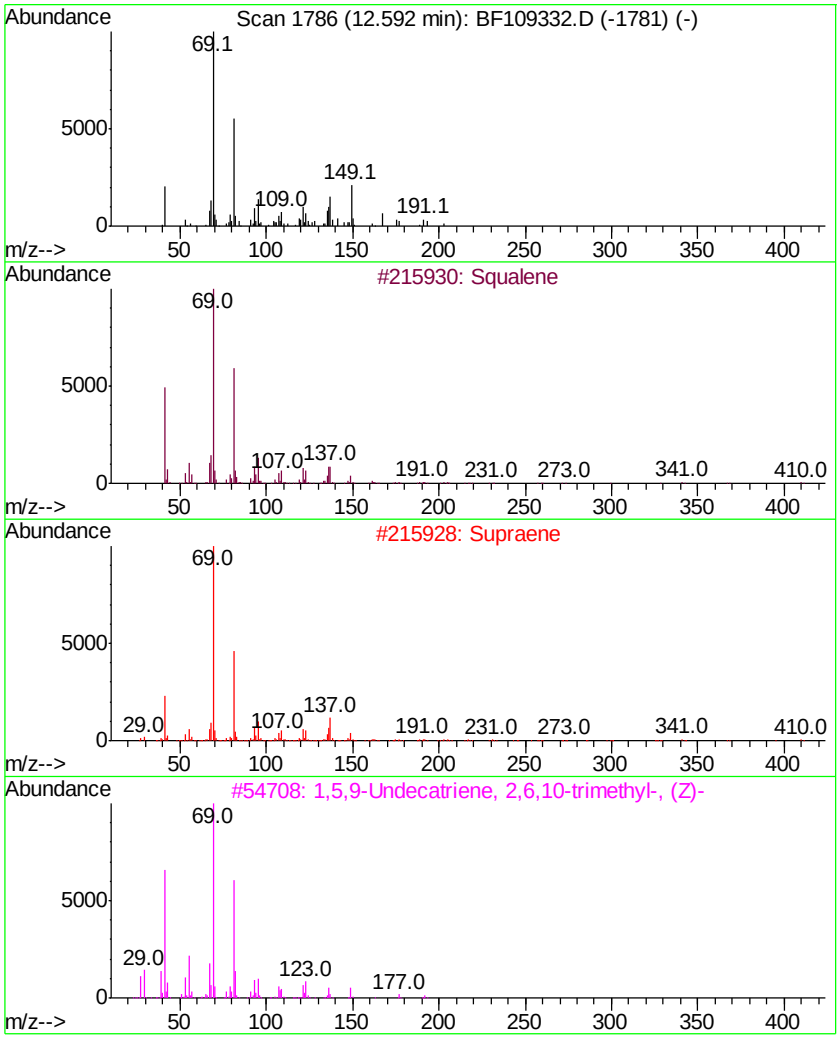
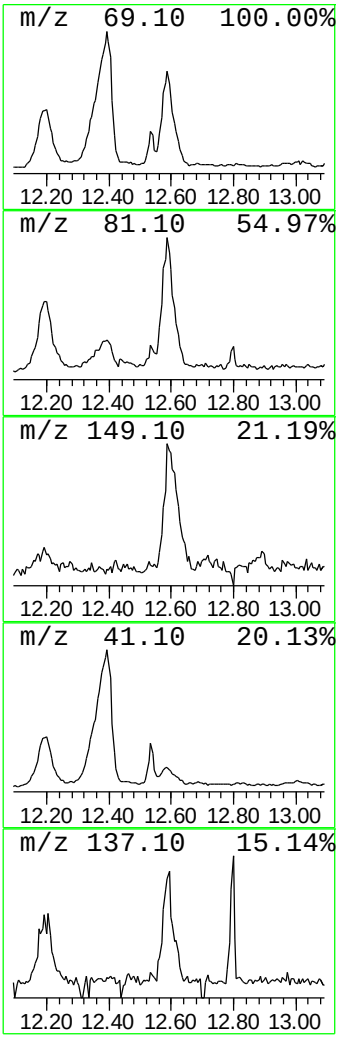
Peak Number 8 Squalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	7.09 ng	303383	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	83
2	Supraene	410	C30H50	007683-64-9	80
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	68
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
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Sample : J5057-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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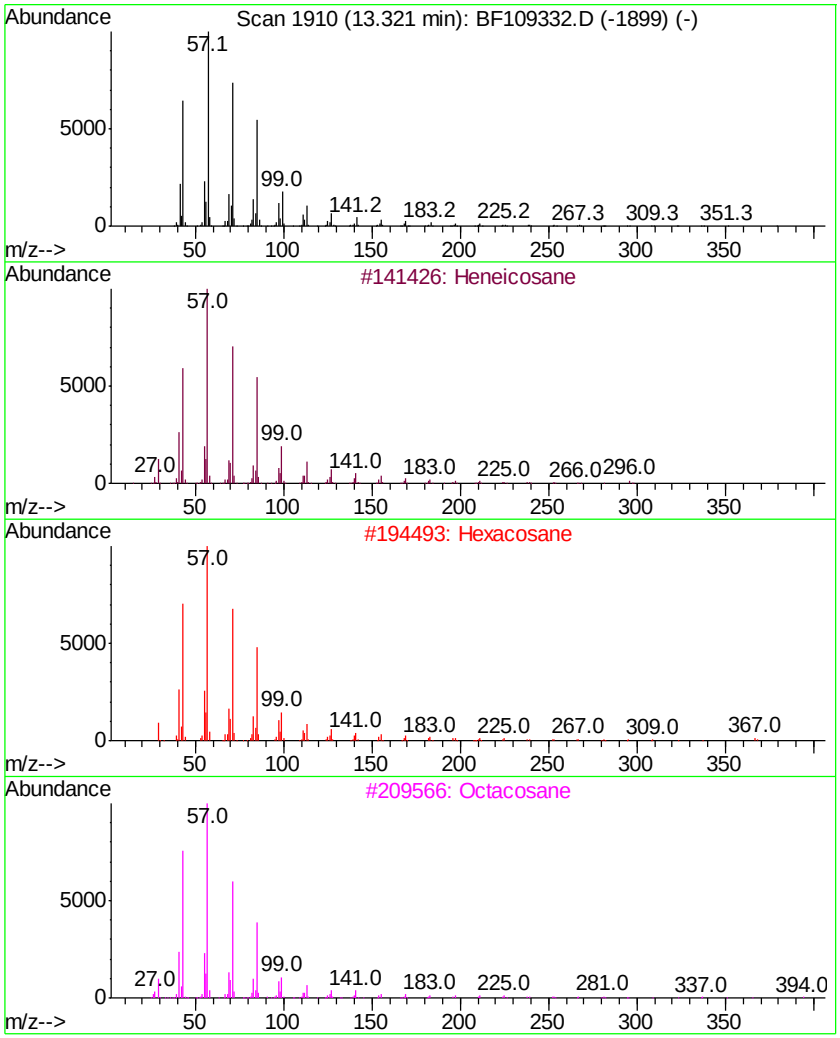
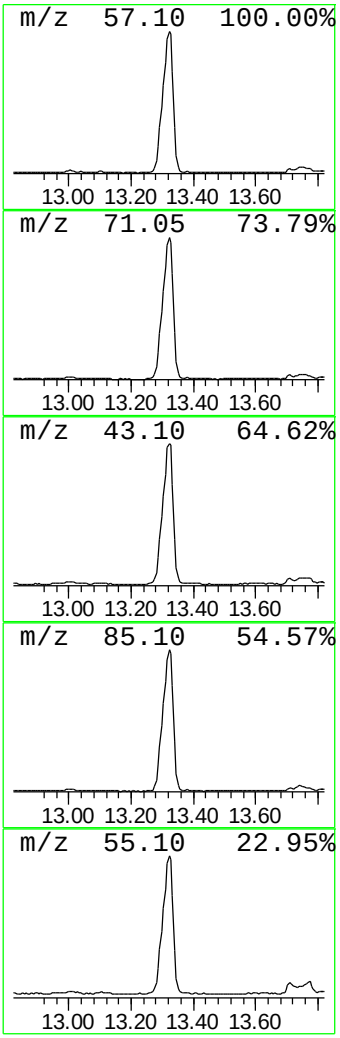
Peak Number 9 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	124.34 ng	5323810	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109332.D
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Operator : JU/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL

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TIC Integration Parameters: LSCINT.P

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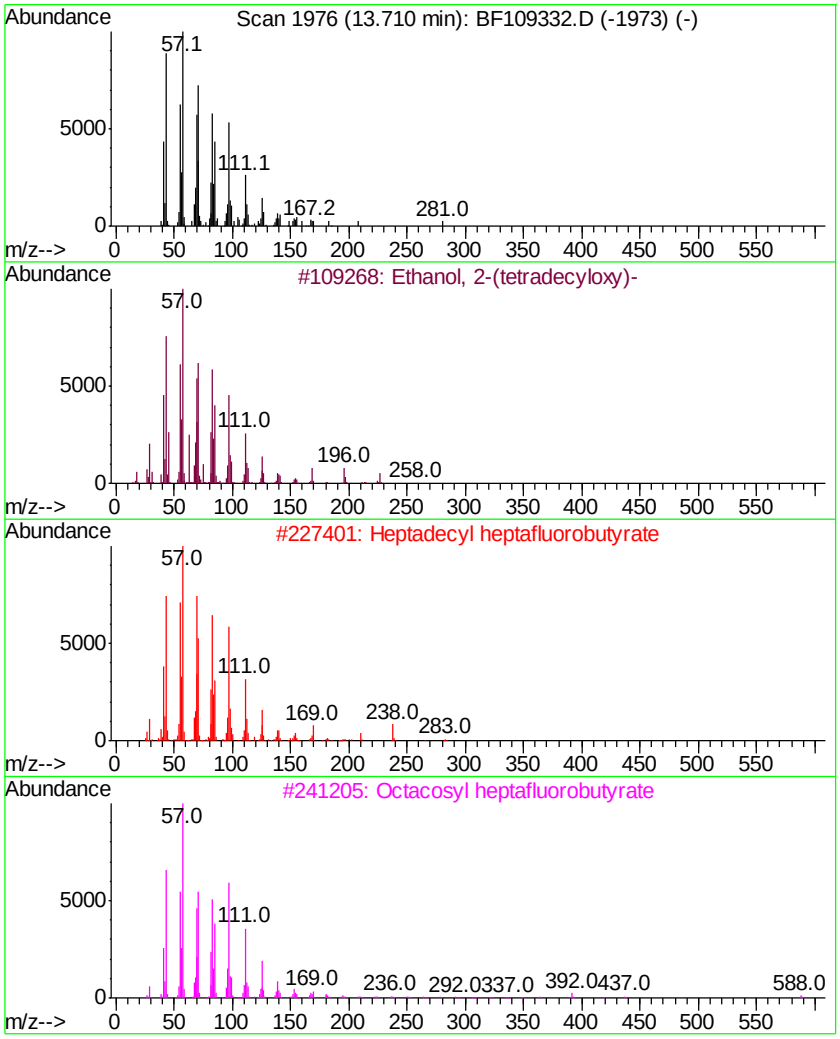
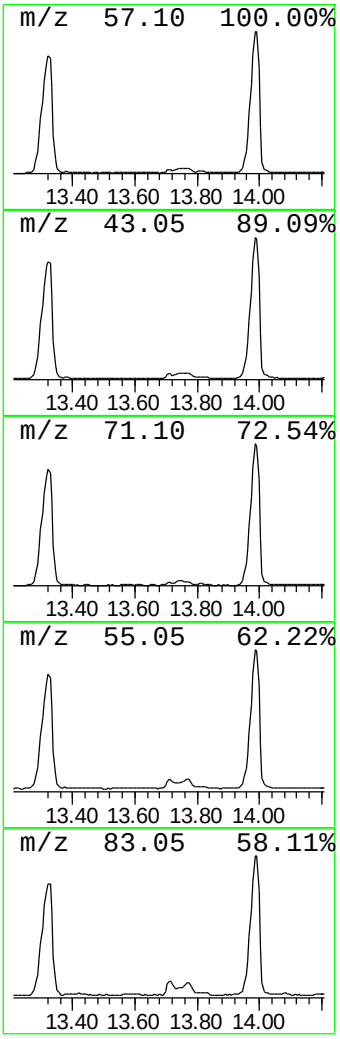
Peak Number 10 Ethanol, 2-(tetradecyloxy)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	3.89 ng	166578	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	90
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81





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Sample : J5057-01
Misc :
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Instrument : BNA_F
ClientSampleId : HC-SOIL

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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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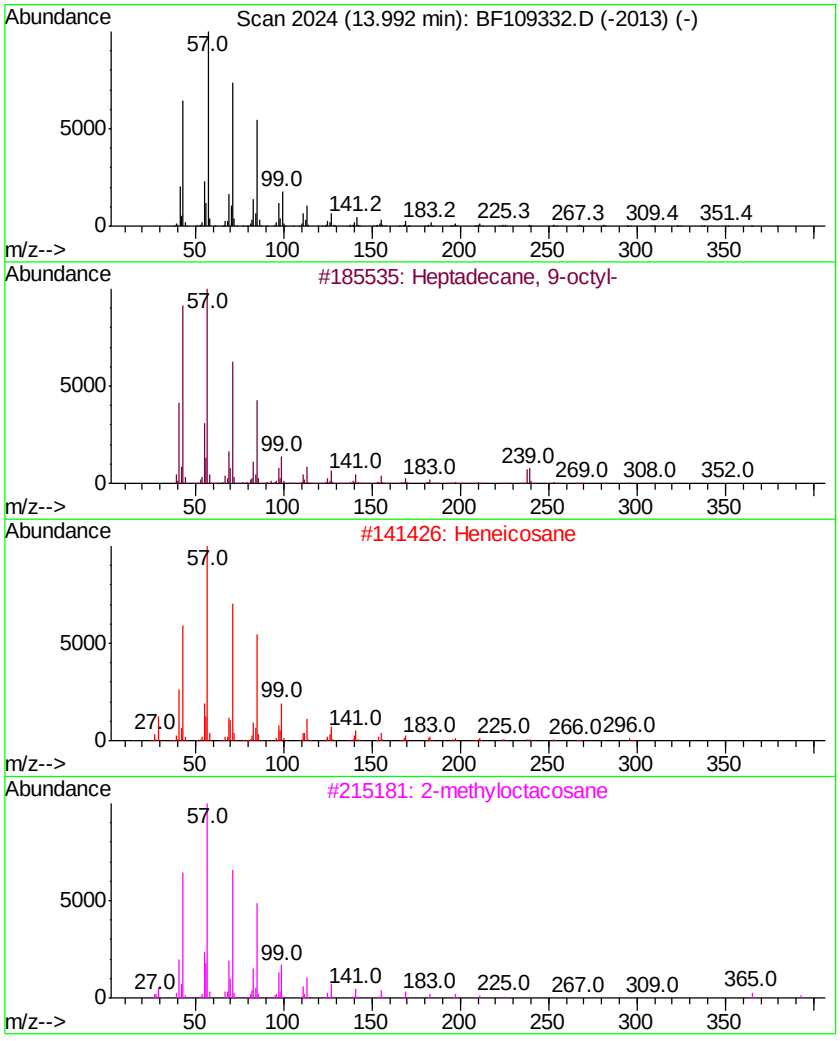
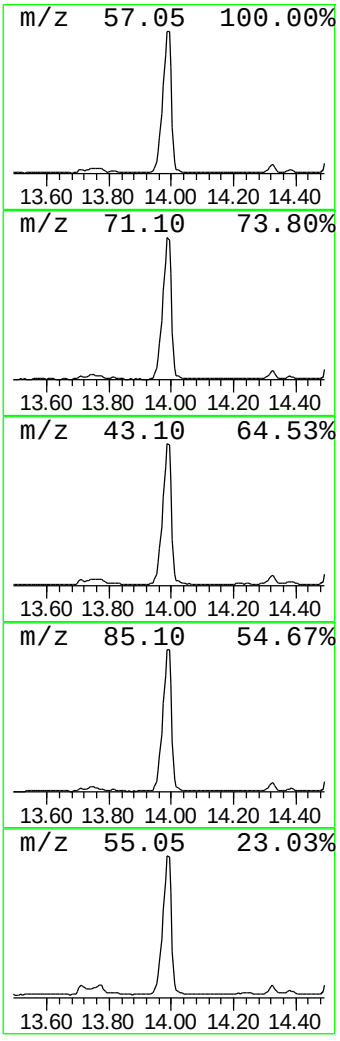
Peak Number 11 Heptadecane, 9-octyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	126.48 ng	5415460	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Octacosane	394	C28H58	000630-02-4	87





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

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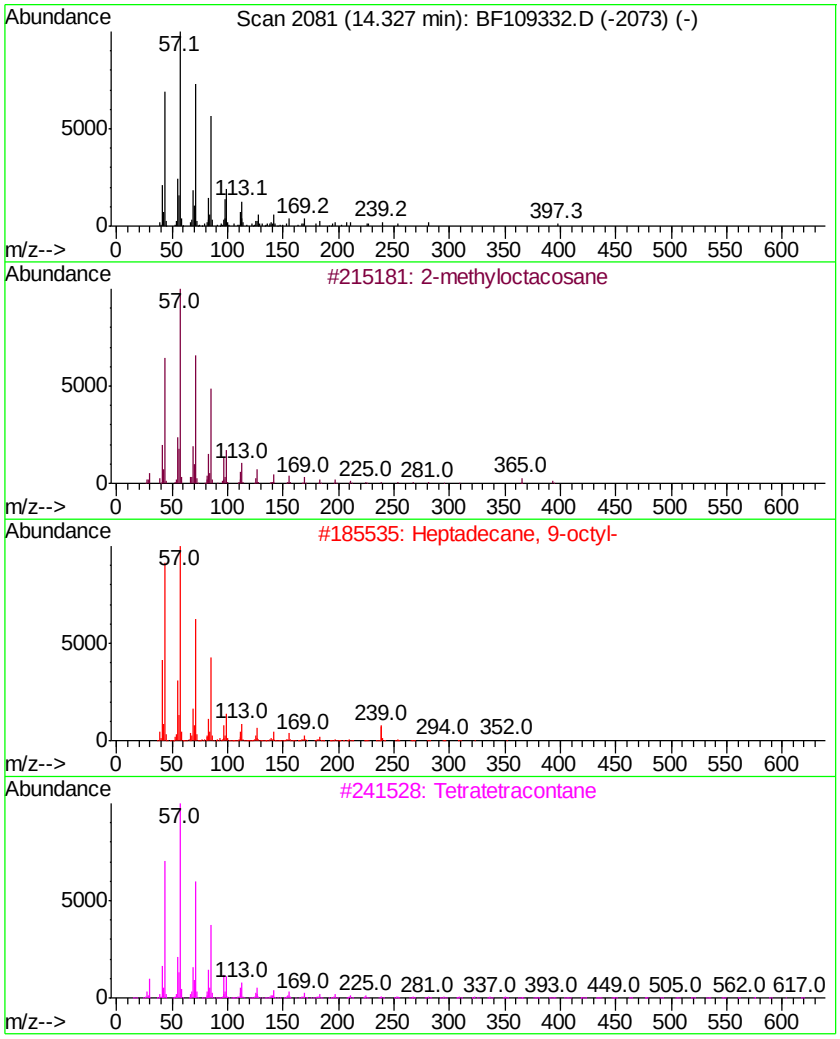
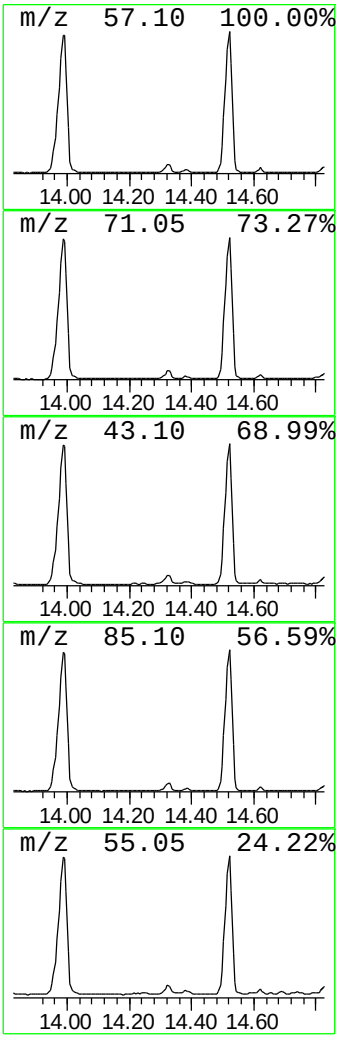
Peak Number 12 2-methyloctacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	6.84 ng	292950	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Docosane	310	C22H46	000629-97-0	87





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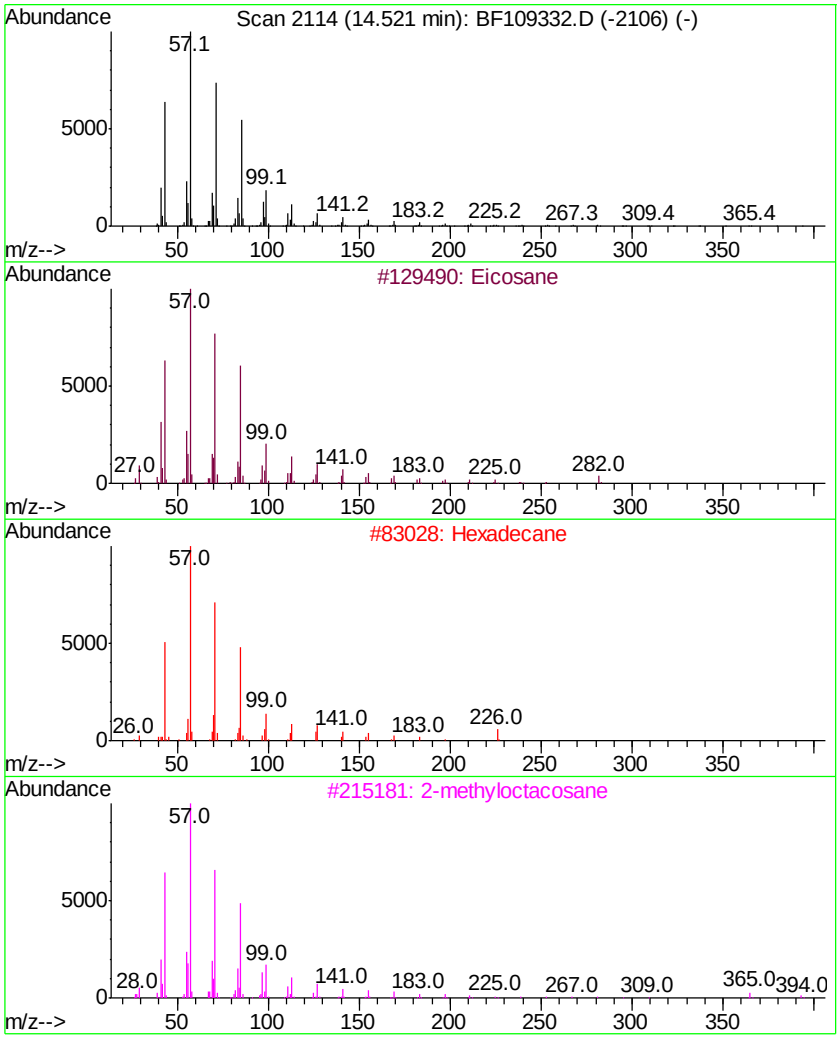
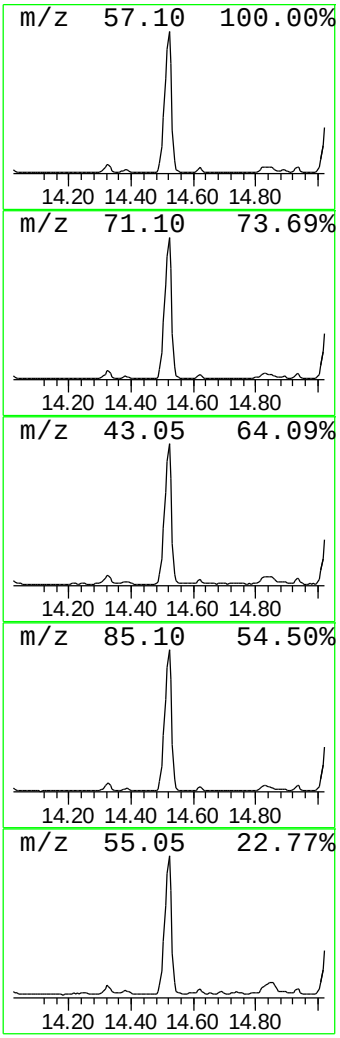
Peak Number 13 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	102.67 ng	4395960	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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Instrument : BNA_F
ClientSampleId : HC-SOIL

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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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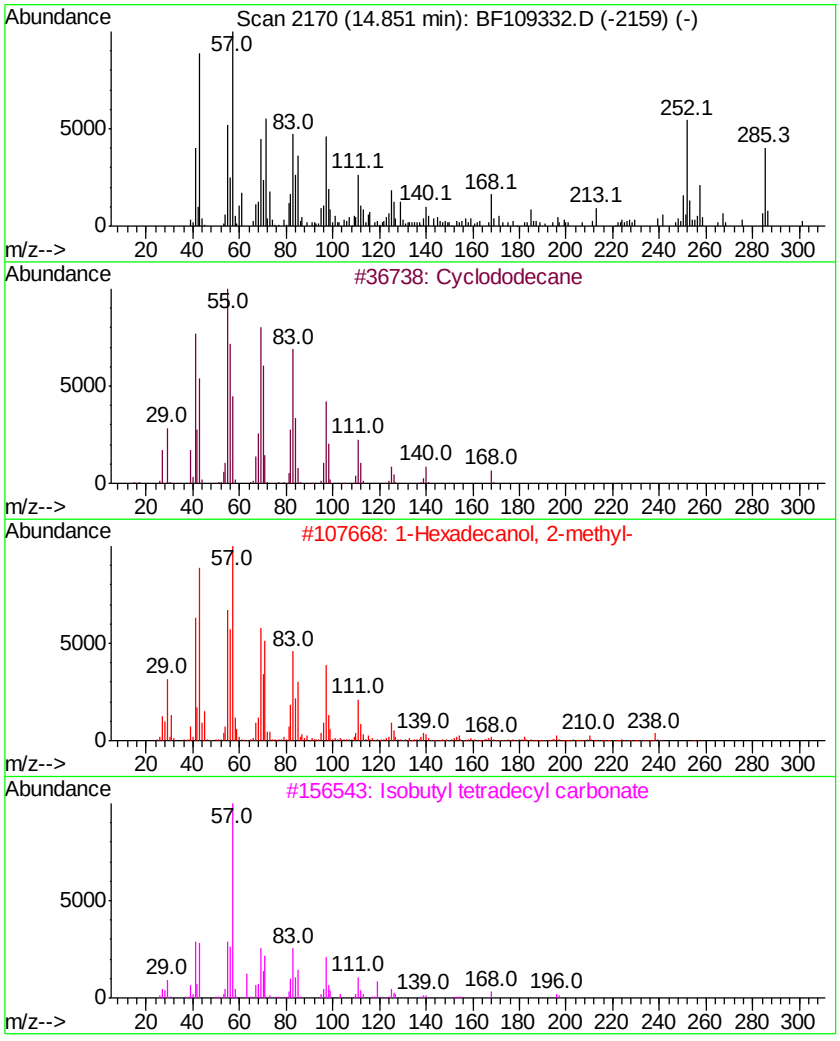
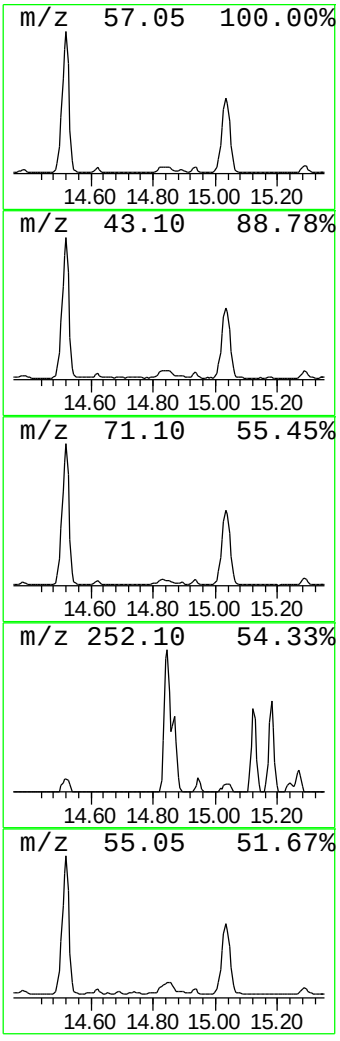
Peak Number 14 Cyclododecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	16.84 ng	700393	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	81
2	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	53
3	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	53
4	Octadecanoic acid, octadecyl ester	537	C36H72O2	002778-96-3	49
5	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	49





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TIC Integration Parameters: LSCINT.P

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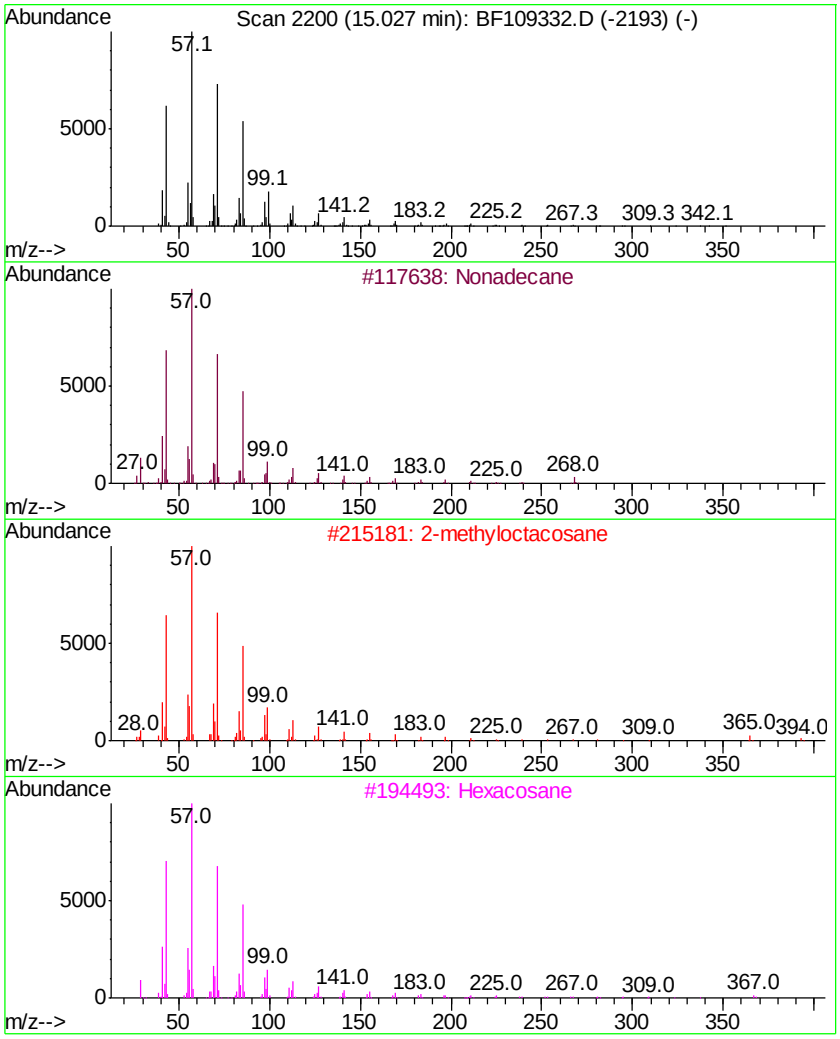
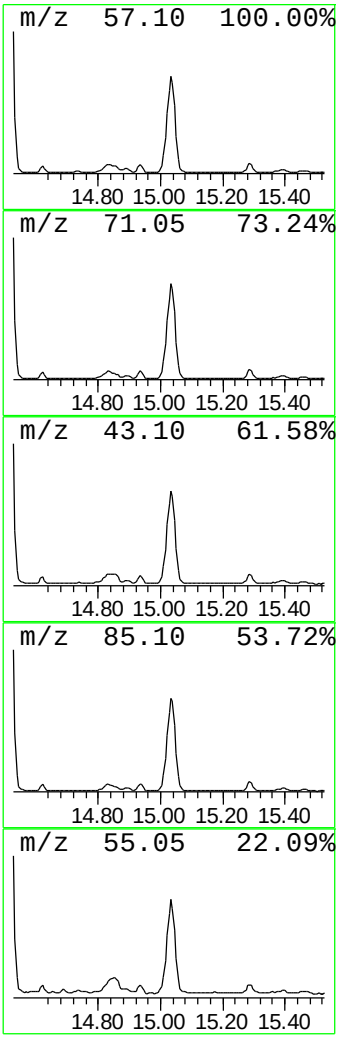
Peak Number 15 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	67.48 ng	2805900	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane	282	C20H42	000112-95-8	91





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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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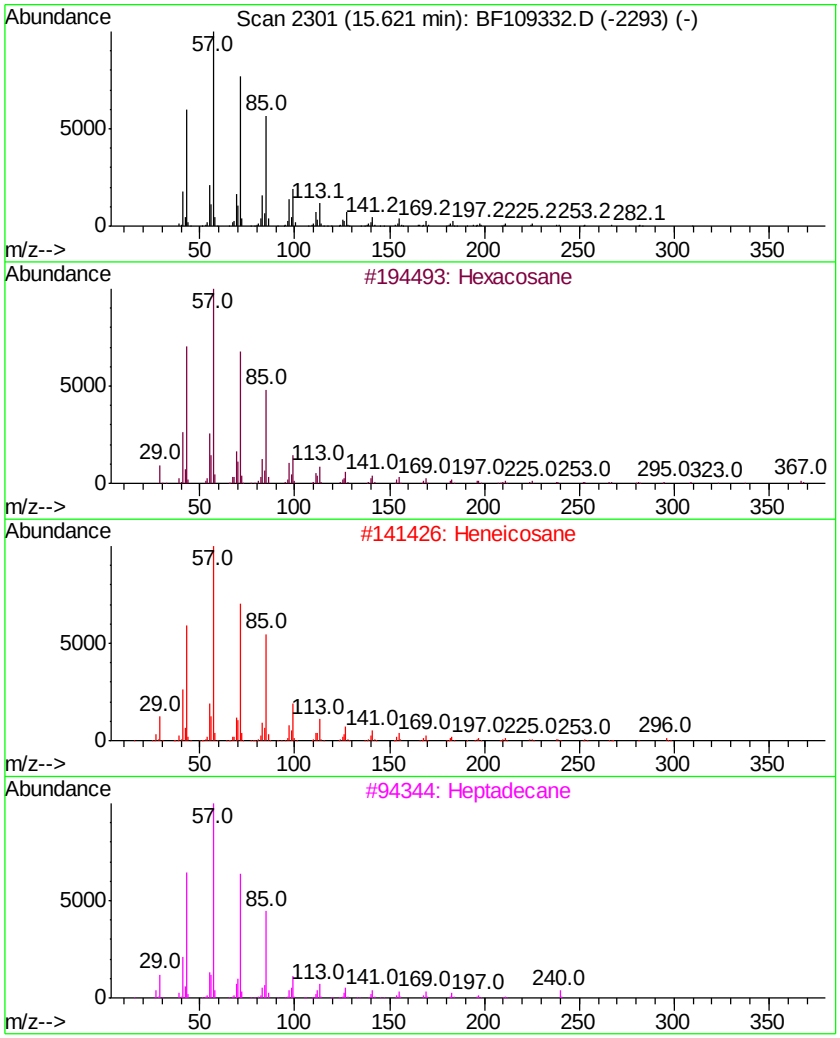
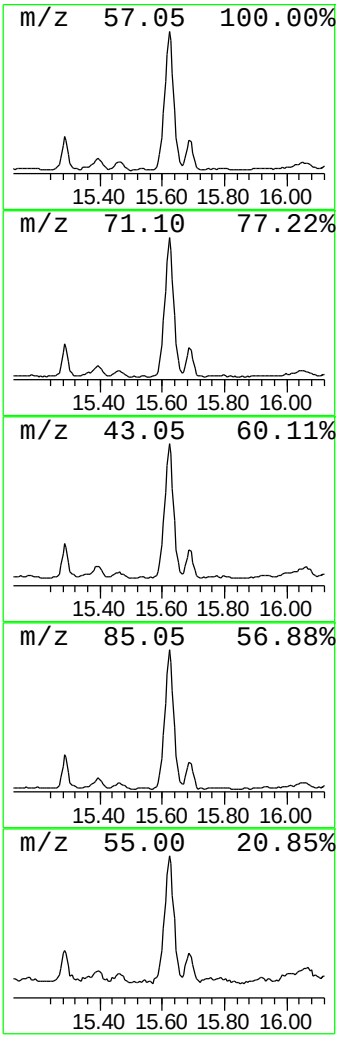
Peak Number 16 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	28.29 ng	1176260	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Nonadecane	268	C19H40	000629-92-5	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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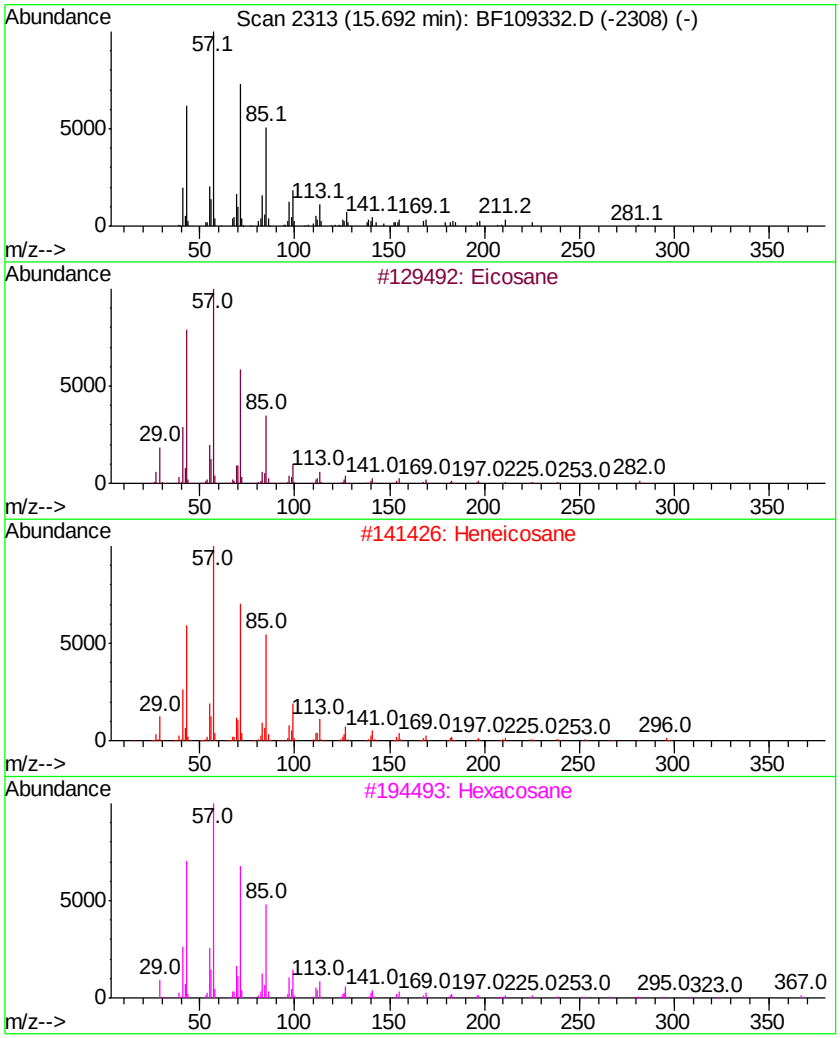
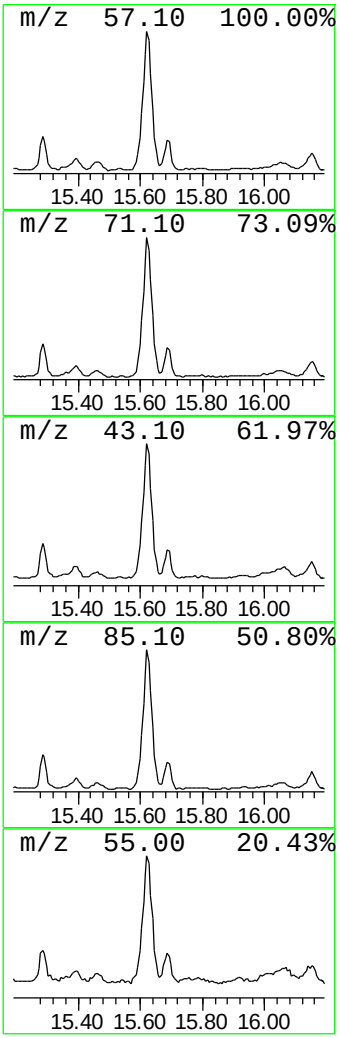
Peak Number 17 Tetratetracontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	4.37 ng	181613	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heptacosane	380	C27H56	000593-49-7	91





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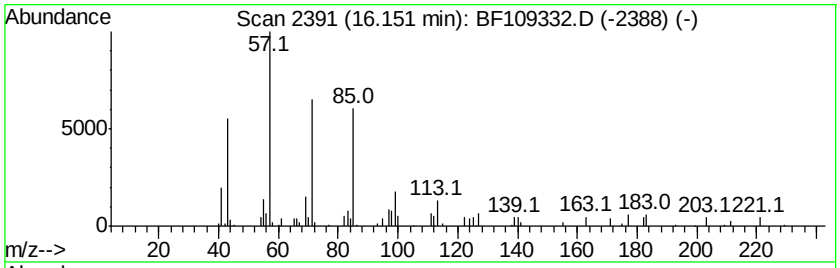
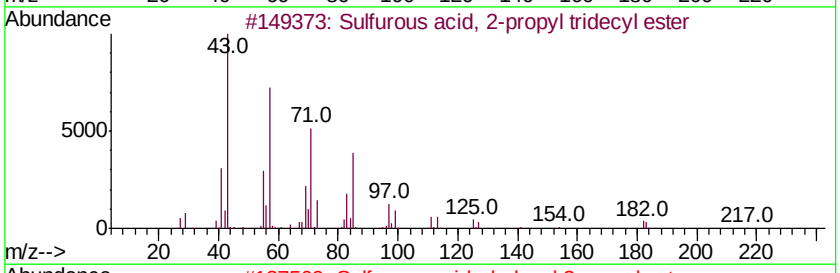
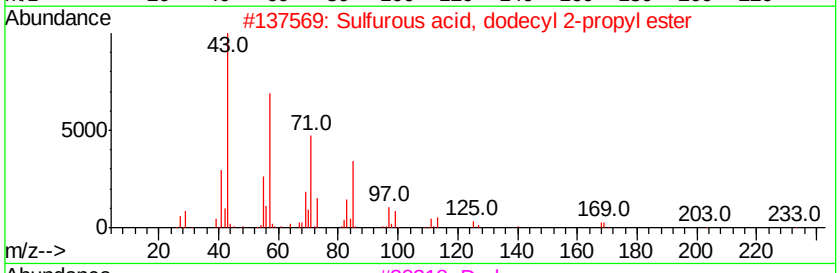
Peak Number 18 Sulfurous acid, 2-propyl tr... Concentration Rank 20

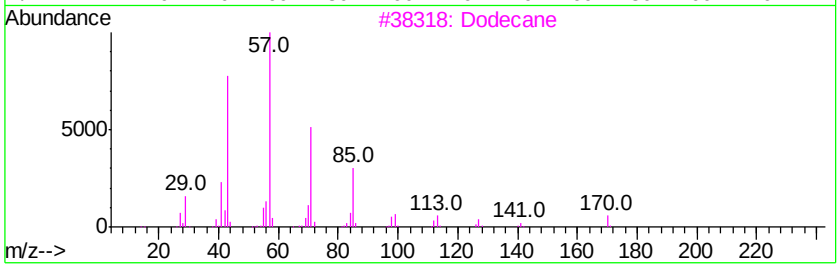
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	3.64 ng	151506	Perylene-d12	15.24

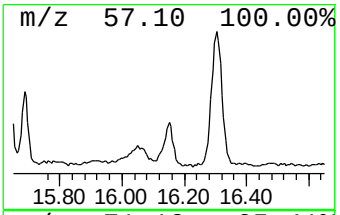
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	78
2	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	64
3	Dodecane	170	C12H26	000112-40-3	64
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
5	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	64

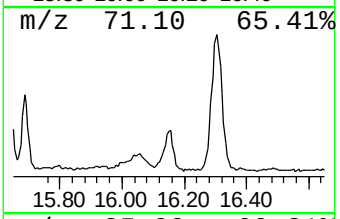


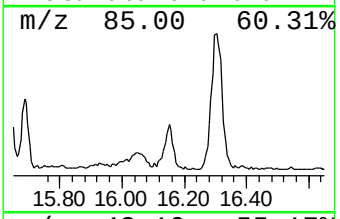


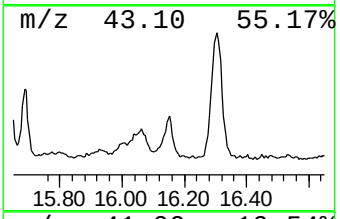


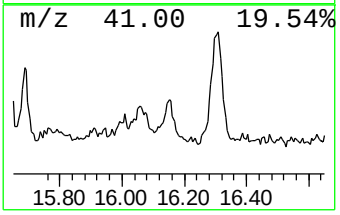












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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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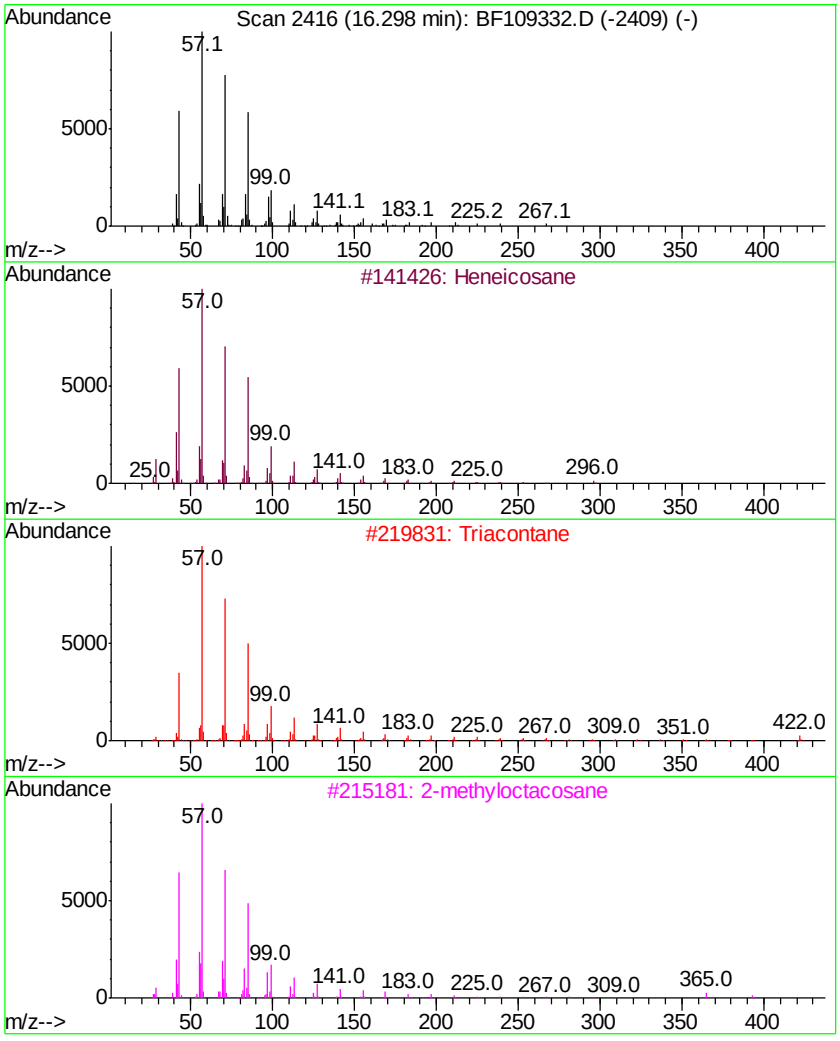
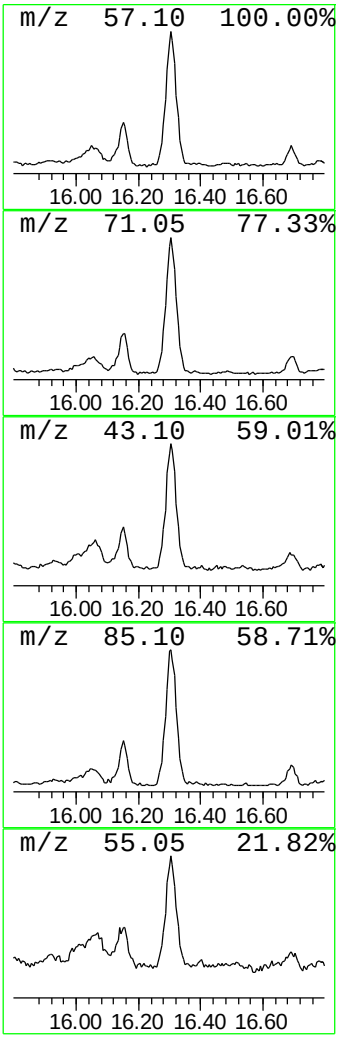
Peak Number 19 Triacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	13.27 ng	551986	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91





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Instrument : BNA_F
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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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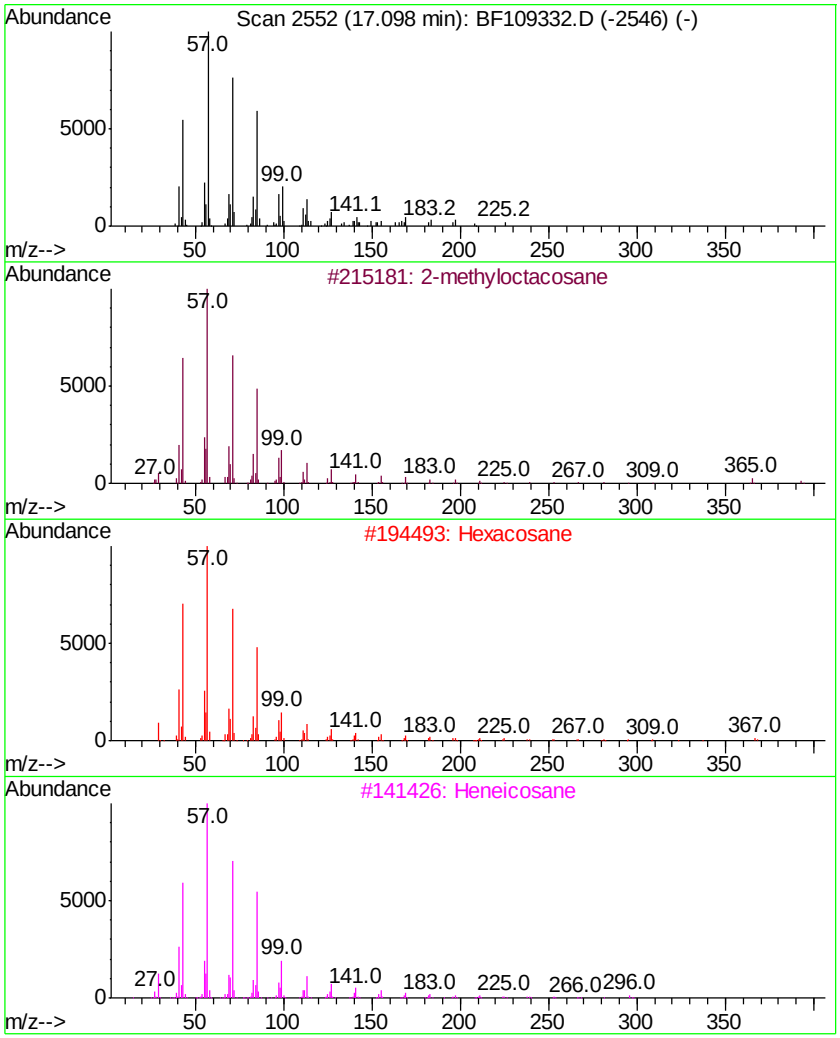
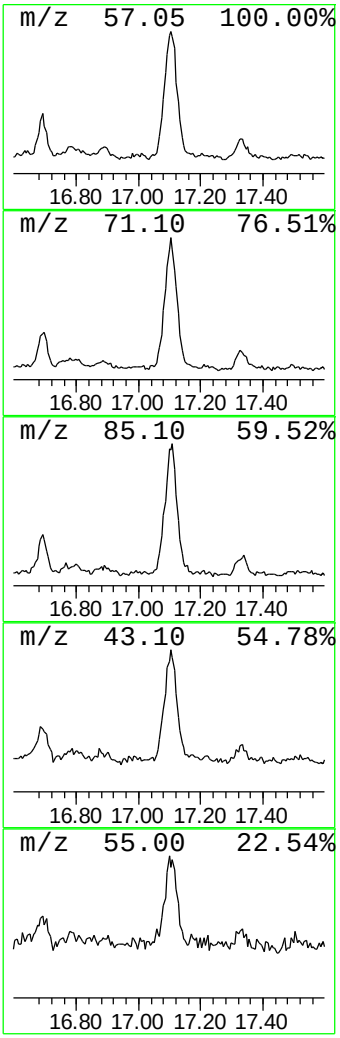
Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	6.74 ng	280199	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Pentacosane	352	C25H52	000629-99-2	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092618\
Data File : BF109332.D
Acq On : 26 Sep 2018 13:25
Operator : JU/SJ
Sample : J5057-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	73.9	ng	2467820	1	6.70	667484	20.0
1,4-Benzenedicarb...	11.56	10.7	ng	547955	4	11.22	1025630	20.0
n-Hexadecanoic acid	11.76	13.0	ng	668368	4	11.22	1025630	20.0
9-Octadecenamide,...	12.19	27.4	ng	1405280	4	11.22	1025630	20.0
Heneicosane	12.39	88.3	ng	4530630	4	11.22	1025630	20.0
Octadecanoic acid	12.53	7.6	ng	324344	5	13.84	856348	20.0
Squalene	12.59	7.1	ng	303383	5	13.84	856348	20.0
Hexacosane	13.32	124.3	ng	5323810	5	13.84	856348	20.0
Ethanol, 2-(tetra...	13.71	3.9	ng	166578	5	13.84	856348	20.0
Heptadecane, 9-oc...	13.99	126.5	ng	5415460	5	13.84	856348	20.0
2-methyloctacosane	14.33	6.8	ng	292950	5	13.84	856348	20.0
Eicosane	14.52	102.7	ng	4395960	5	13.84	856348	20.0
Cyclododecane	14.85	16.8	ng	700393	6	15.24	831631	20.0
Nonadecane	15.03	67.5	ng	2805900	6	15.24	831631	20.0
Heptadecane	15.62	28.3	ng	1176260	6	15.24	831631	20.0
Tetratetracontane	15.69	4.4	ng	181613	6	15.24	831631	20.0
Sulfurous acid, 2...	16.15	3.6	ng	151506	6	15.24	831631	20.0
Triacontane	16.30	13.3	ng	551986	6	15.24	831631	20.0
Heptadecane, 2,6,...	17.10	6.7	ng	280199	6	15.24	831631	20.0