LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115427.D
Acq On : 9 Jul 2019 1:11
Operator : HP/JU
Sample : K3681-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOP-SOIL-07-01-19

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-BF070519.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	2.187	11	17	26	rVB	989620	1297534	27.84%	2.341%
2	5.510	577	582	586	rBV	3179218	3420347	73.40%	6.171%
3	6.516	747	753	756	rBV	3296324	3809061	81.74%	6.872%
4	6.663	773	778	781	rBV	3886957	3803488	81.62%	6.862%
5	6.892	813	817	821	rBV	1502426	1183615	25.40%	2.135%
6	7.051	840	844	847	rBV	3552552	2998016	64.34%	5.409%
7	7.451	907	912	915	rBV	2663375	2426751	52.08%	4.378%
8	8.175	1031	1035	1038	rBV	1998824	1583074	33.97%	2.856%
9	9.251	1213	1218	1221	rBV	5336711	4659869	100.00%	8.407%
10	9.633	1280	1283	1293	rVB	544596	491245	10.54%	0.886%
11	9.927	1329	1333	1337	rBV2	2174468	1804214	38.72%	3.255%
12	10.710	1462	1466	1470	rBV	2800191	2561201	54.96%	4.621%
13	11.269	1556	1561	1565	rBV4	41432	66873	1.44%	0.121%
14	11.410	1581	1585	1587	rBV	2079208	1800028	38.63%	3.247%
15	11.433	1587	1589	1592	rVV	662373	510843	10.96%	0.922%
16	11.480	1592	1597	1600	rVB	131432	147878	3.17%	0.267%
17	11.627	1618	1622	1625	rBV2	85756	100521	2.16%	0.181%
18	11.910	1665	1670	1671	rBV	90684	84214	1.81%	0.152%
19	11.933	1671	1674	1679	rVV	555755	537344	11.53%	0.969%
20	12.021	1685	1689	1691	rBV2	123182	123924	2.66%	0.224%
21	12.110	1701	1704	1708	rBV2	47341	51587	1.11%	0.093%
22	12.204	1717	1720	1721	rBV	77462	70555	1.51%	0.127%
23	12.221	1721	1723	1727	rVB	114764	96827	2.08%	0.175%
24	12.457	1760	1763	1766	rBV2	54735	65848	1.41%	0.119%
25	12.498	1766	1770	1774	rVV4	57690	95759	2.05%	0.173%
26	12.539	1774	1777	1782	rVB3	58426	64179	1.38%	0.116%
27	12.615	1787	1790	1793	rBV	912017	840920	18.05%	1.517%
28	12.715	1804	1807	1810	rBV2	231857	236054	5.07%	0.426%
29	12.845	1822	1829	1832	rBV	812096	877513	18.83%	1.583%
30	12.992	1850	1854	1857	rVB	4409686	4077943	87.51%	7.357%
31	13.068	1862	1867	1869	rBV2	54413	92349	1.98%	0.167%
32	13.174	1883	1885	1888	rVB	127146	101987	2.19%	0.184%
33	13.227	1891	1894	1899	rVV2	104316	164395	3.53%	0.297%
34	13.274	1899	1902	1905	rVV2	72208	77679	1.67%	0.140%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.404	1921	1924	1927	rBV2	50770	60734	1.30%	0.110%
36	13.462	1932	1934	1943	rVB6	40779	66690	1.43%	0.120%
37	13.533	1943	1946	1950	rBV	86856	99198	2.13%	0.179%
38	13.680	1967	1971	1975	rVB2	107115	144951	3.11%	0.262%
39	13.792	1985	1990	1992	rBV2	75461	112650	2.42%	0.203%
40	13.898	2003	2008	2014	rBV2	619893	810226	17.39%	1.462%
41	14.039	2027	2032	2035	rBV2	1352241	1732320	37.18%	3.125%
42	14.068	2035	2037	2042	rVB	366558	304785	6.54%	0.550%
43	14.151	2048	2051	2054	rBV2	68574	71096	1.53%	0.128%
44	14.333	2080	2082	2085	rBV2	80092	56464	1.21%	0.102%
45	14.462	2101	2104	2107	rVB	67910	65816	1.41%	0.119%
46	14.533	2111	2116	2126	rVB3	555889	1102281	23.65%	1.989%
47	14.904	2176	2179	2187	rVB2	109720	139261	2.99%	0.251%
48	14.974	2187	2191	2196	rBV	442824	488558	10.48%	0.881%
49	15.080	2205	2209	2212	rBV	332297	504611	10.83%	0.910%
50	15.168	2220	2224	2227	rBV	755266	923306	19.81%	1.666%
51	15.204	2227	2230	2241	rVB2	753420	1377489	29.56%	2.485%
52	15.386	2258	2261	2266	rVB	219786	269203	5.78%	0.486%
53	15.445	2267	2271	2276	rVV	264054	317452	6.81%	0.573%
54	15.515	2278	2283	2286	rVV	1042710	1274381	27.35%	2.299%
55	15.556	2286	2290	2295	rVB3	147495	253607	5.44%	0.458%
56	15.756	2320	2324	2335	rVB	306109	431186	9.25%	0.778%
57	16.003	2360	2366	2371	rBV	677967	1051290	22.56%	1.897%
58	16.062	2372	2376	2383	rBV3	271006	582463	12.50%	1.051%
59	16.803	2497	2502	2510	rBV3	253995	506128	10.86%	0.913%
60	16.980	2528	2532	2538	rVB2	115384	202172	4.34%	0.365%
61	17.121	2551	2556	2565	rBV2	117522	234687	5.04%	0.423%
62	17.221	2567	2573	2582	rBV5	172732	491203	10.54%	0.886%
63	17.421	2604	2607	2613	rVB	83166	138424	2.97%	0.250%
64	17.621	2634	2641	2655	rBV5	291813	889238	19.08%	1.604%
65	18.262	2746	2750	2757	rBV3	46269	95733	2.05%	0.173%
66	18.650	2810	2816	2828	rVB5	109627	308458	6.62%	0.556%

Sum of corrected areas: 55429696

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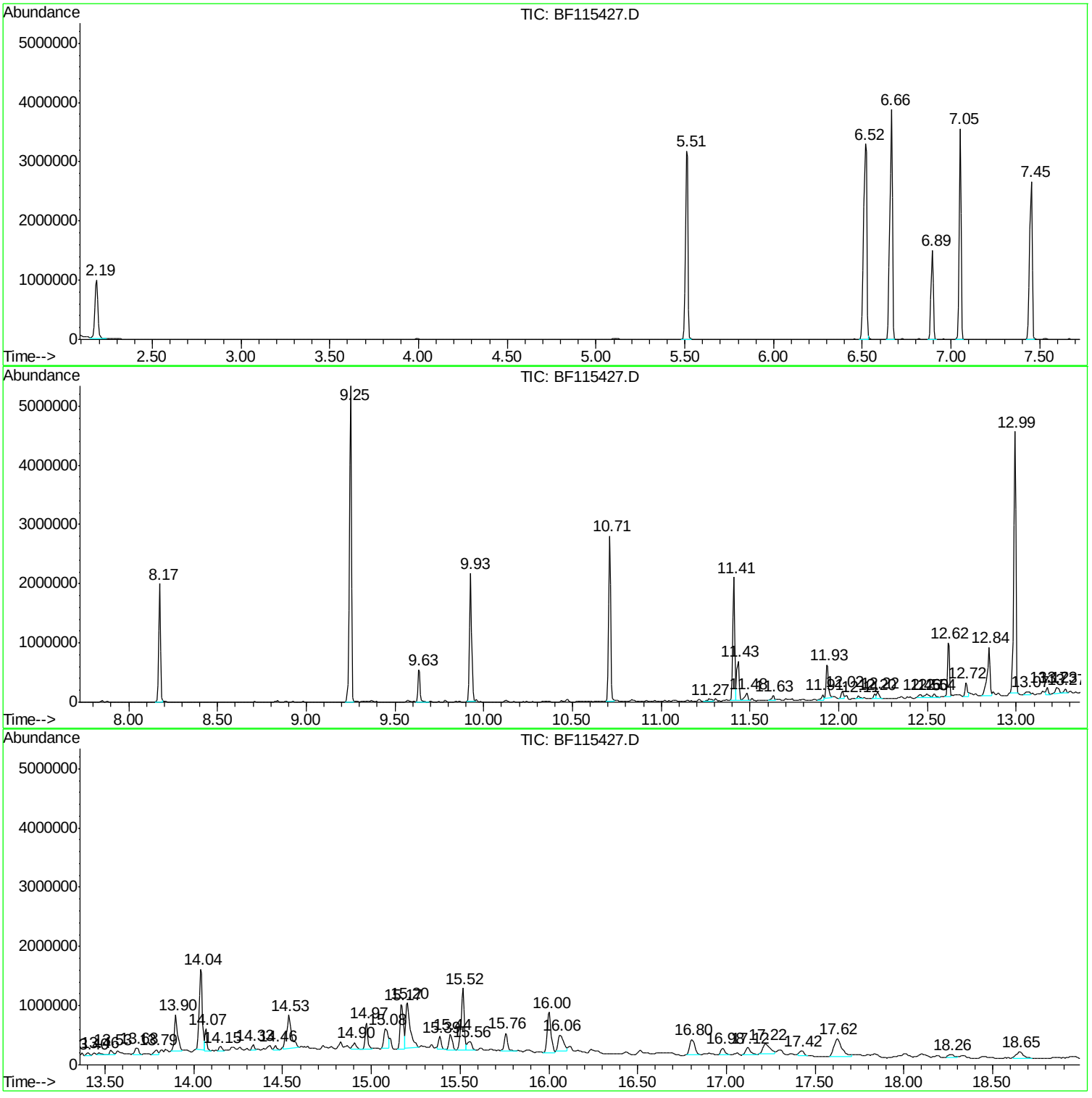
Instrument : BNA_F
ClientSampleId : TOP-SOIL-07-01-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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

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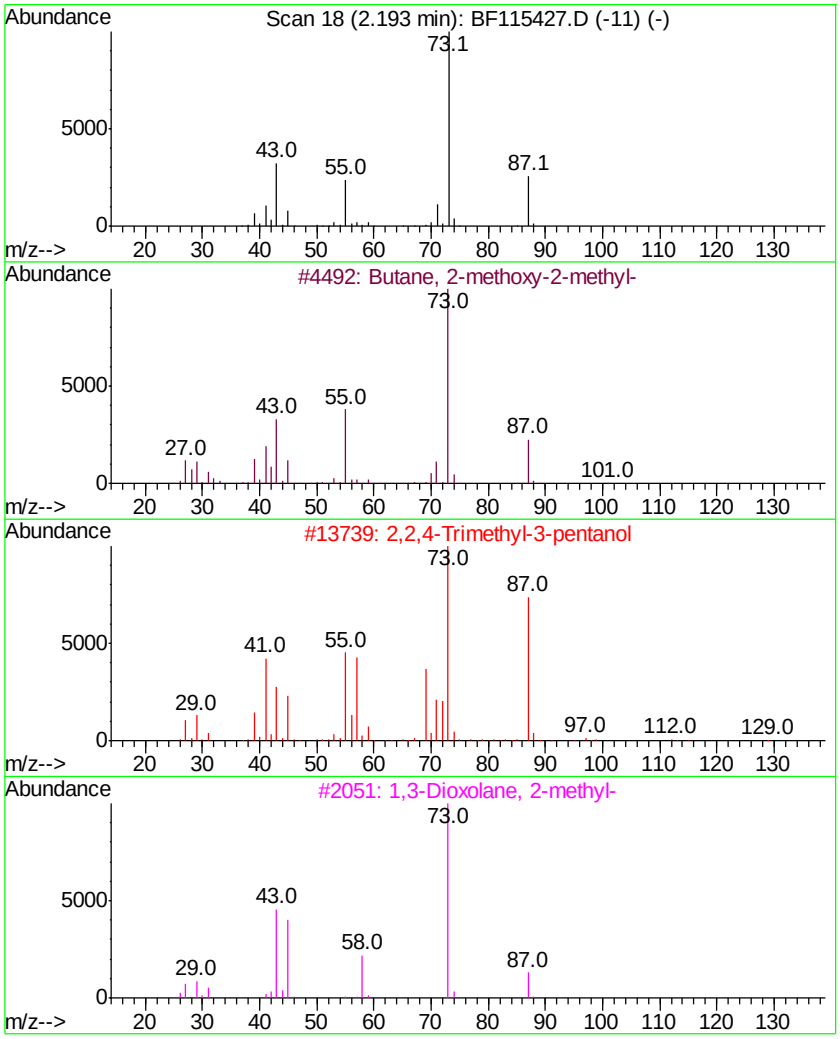
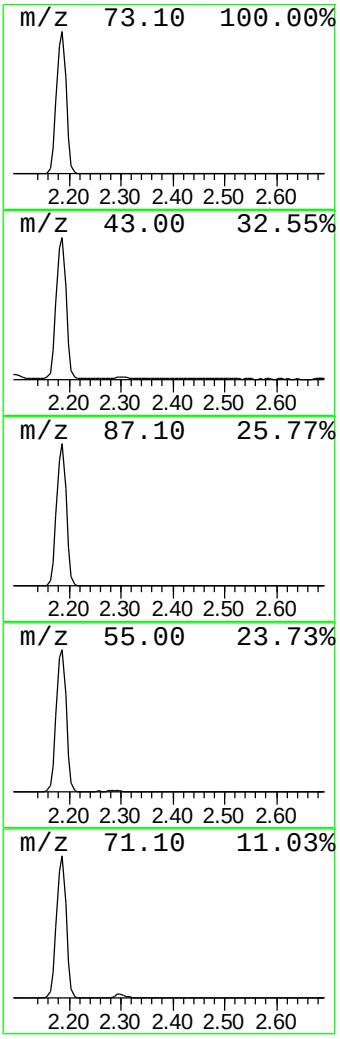
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	21.92 ng	1297530	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOP-SOIL-07-01-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

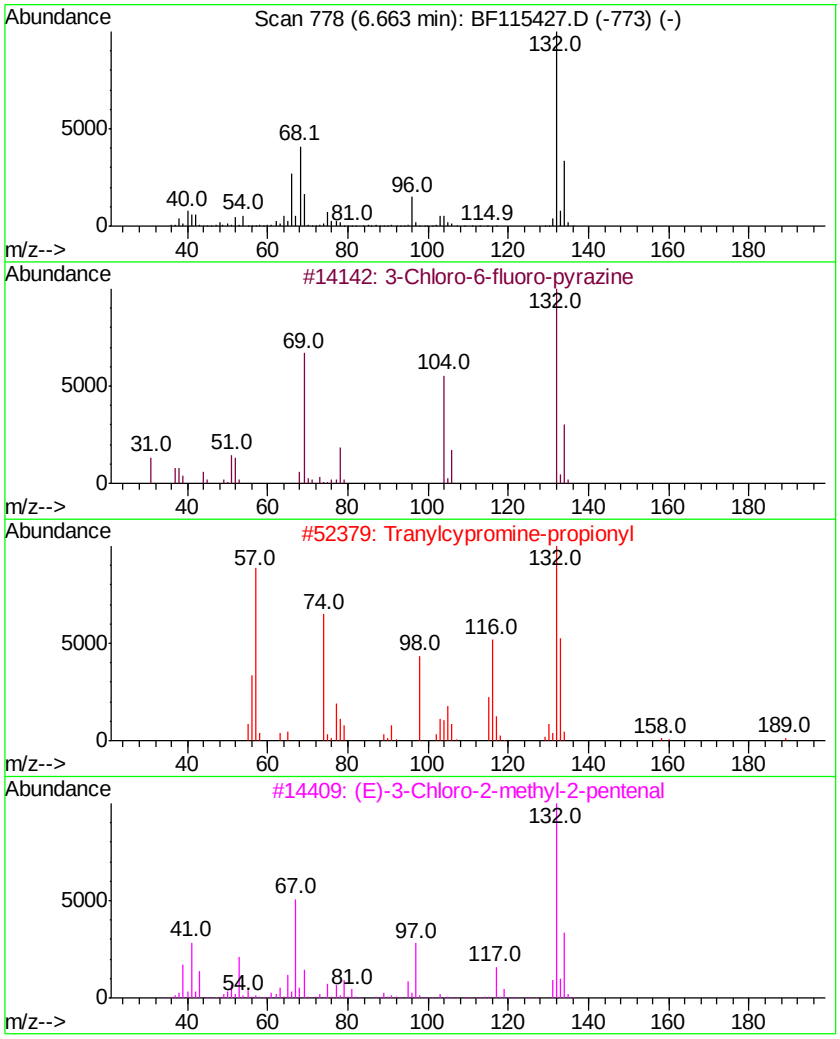
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

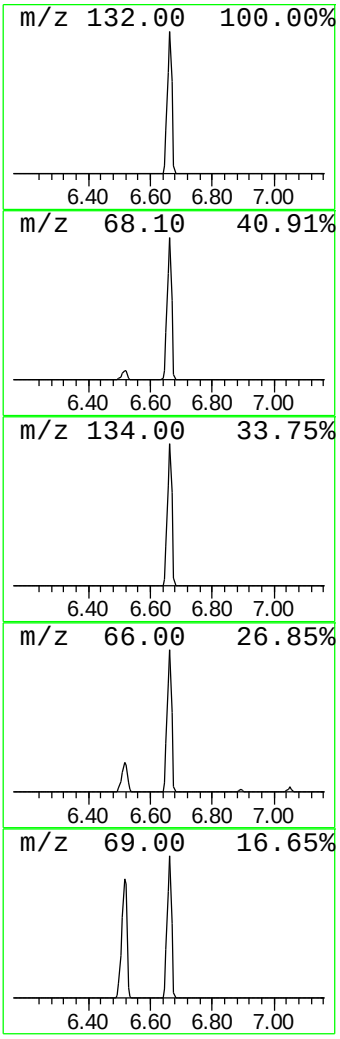
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	64.27 ng	3803490	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
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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Instrument : BNA_F
ClientSampleId : TOP-SOIL-07-01-19

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TIC Library : C:\DATABASE\NIST11.L
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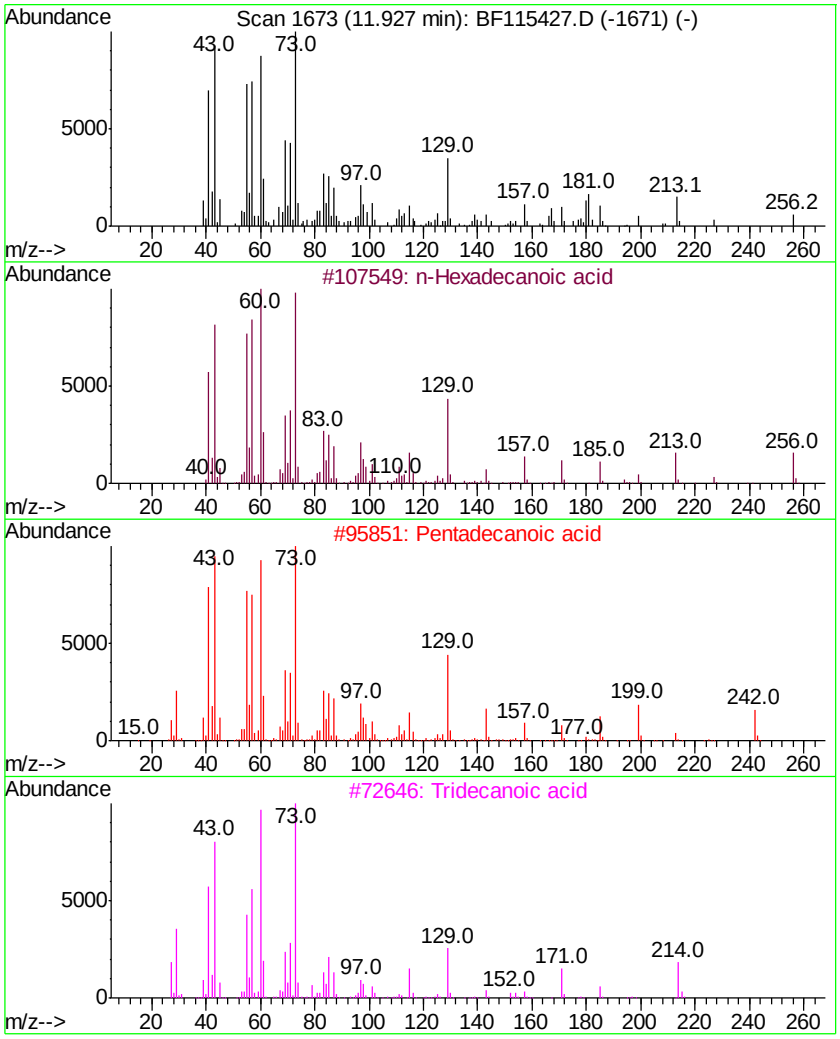
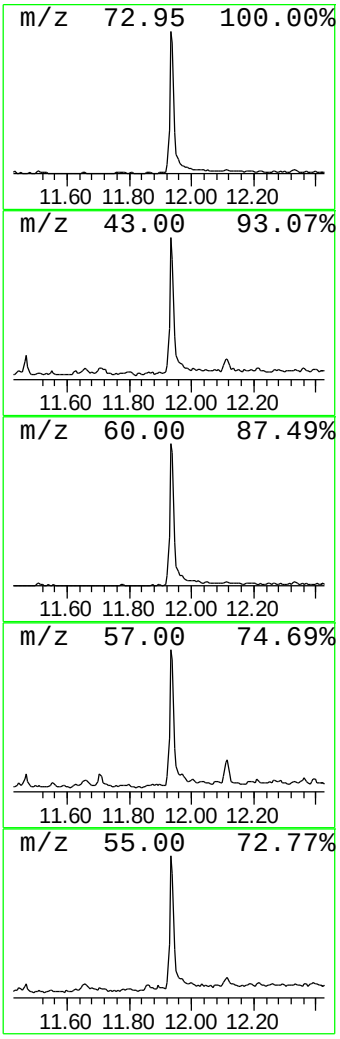
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.97 ng	537344	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	35





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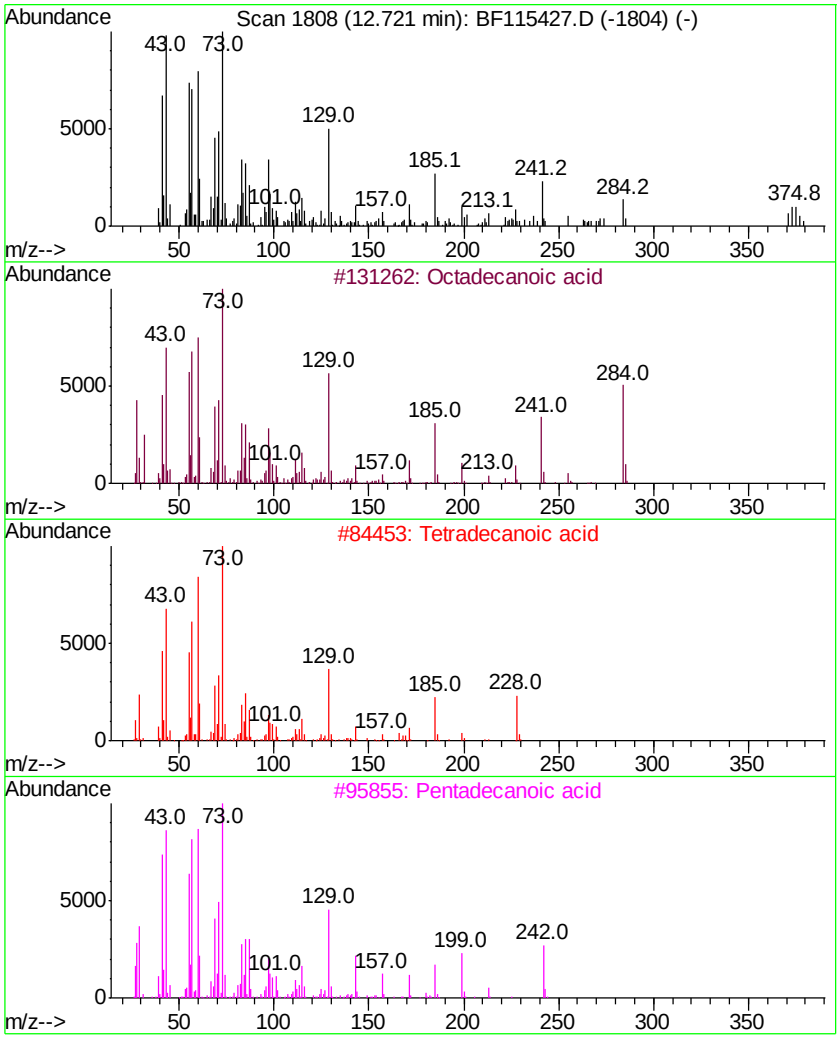
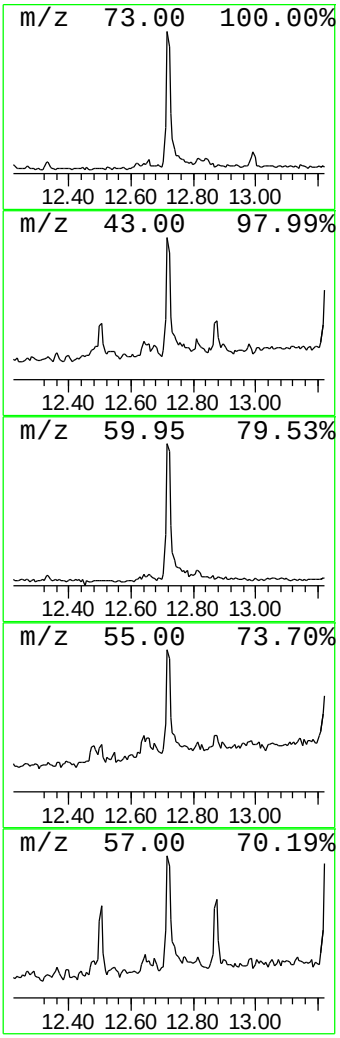
Peak Number 5 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.62 ng	236054	Phenanthrene-d10	11.41

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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





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ClientSampleId : TOP-SOIL-07-01-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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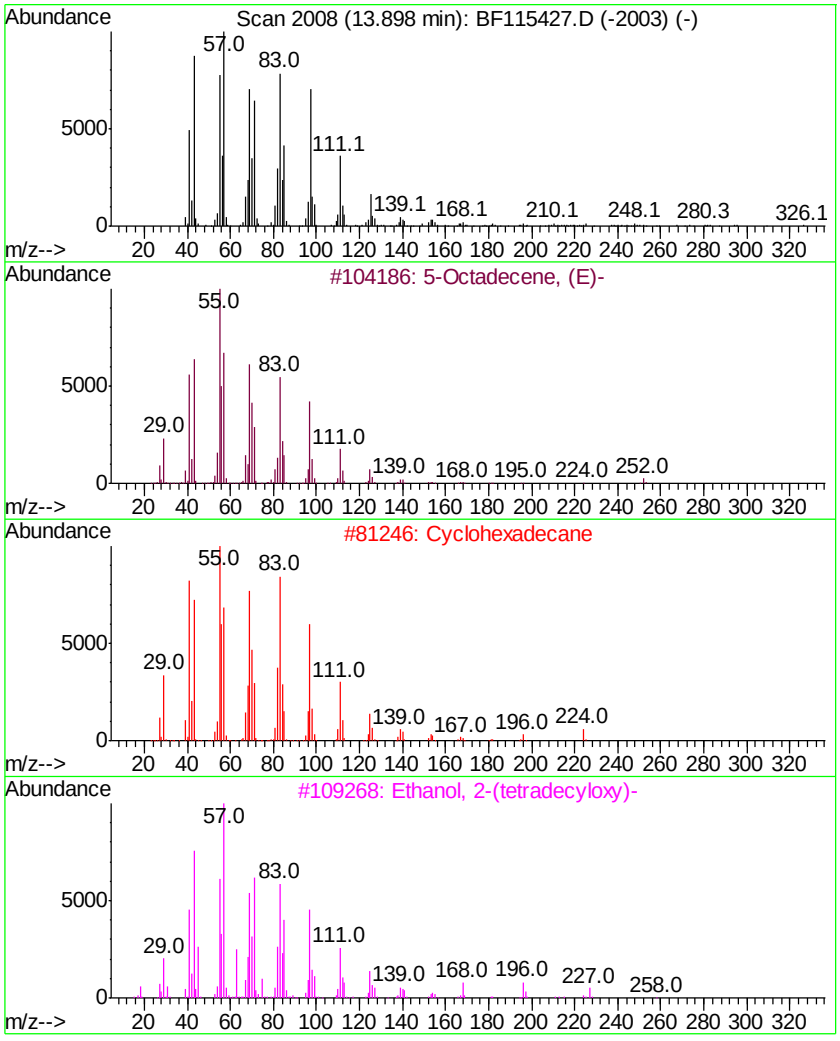
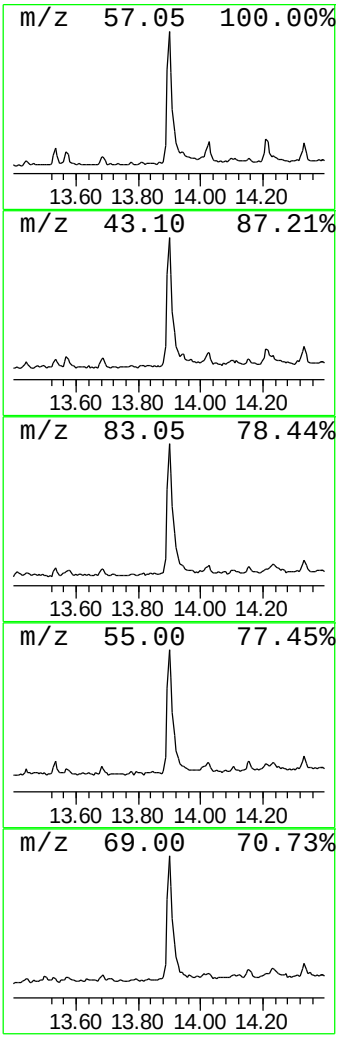
Peak Number 6 5-Octadecene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	9.35 ng	810226	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87





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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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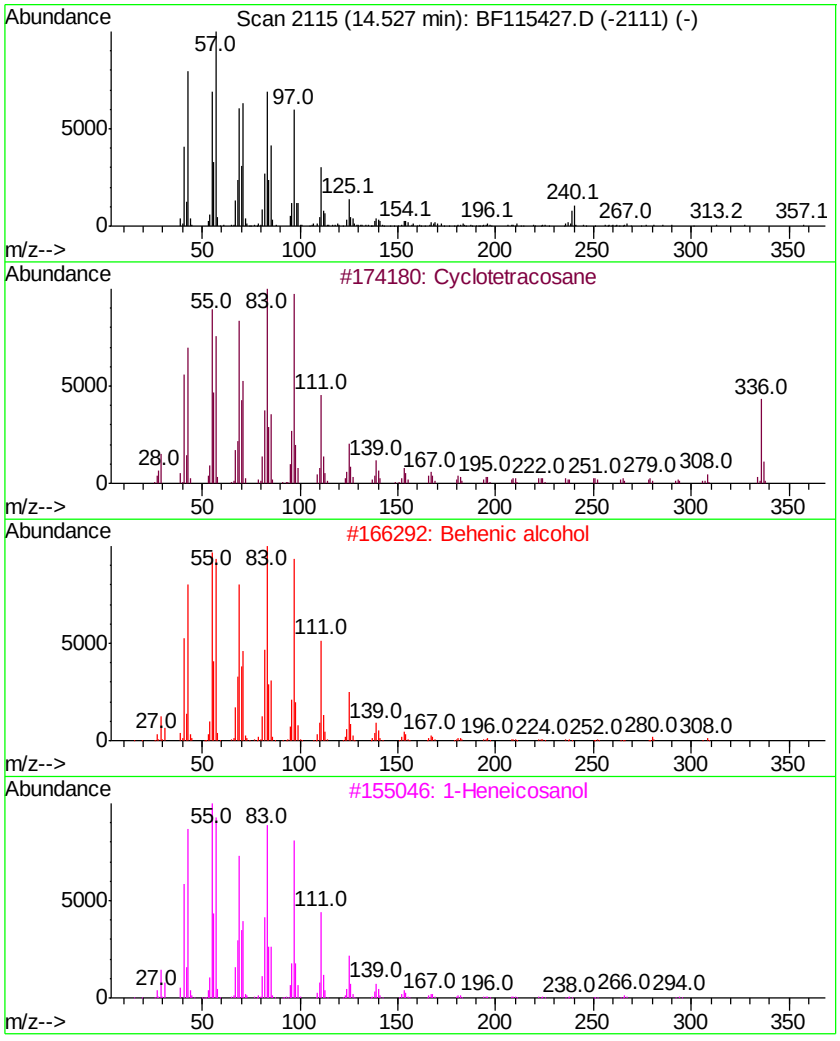
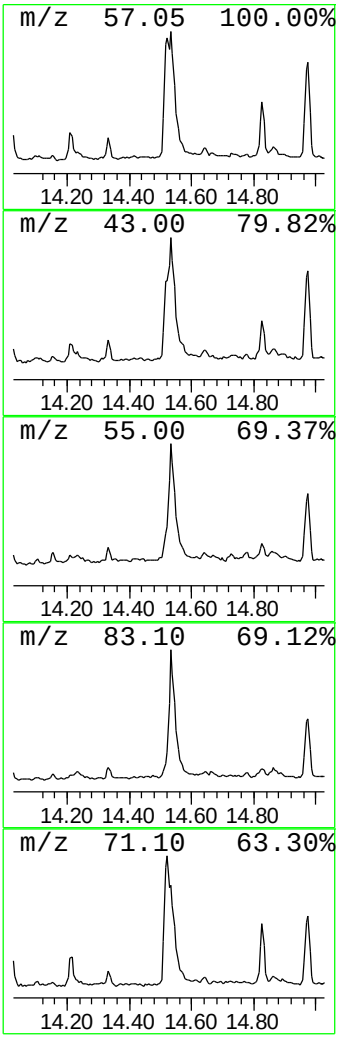
Peak Number 7 Cyclotetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	12.73 ng	1102280	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	94





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Misc :
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Instrument : BNA_F
ClientSampleId : TOP-SOIL-07-01-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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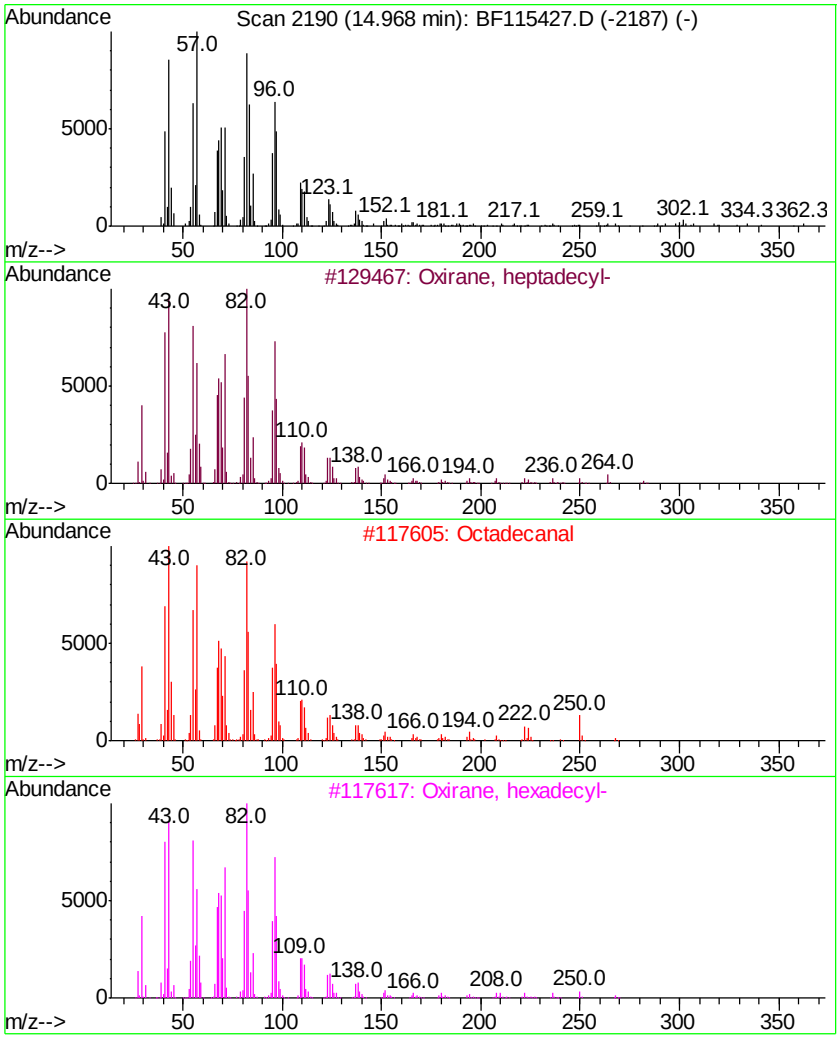
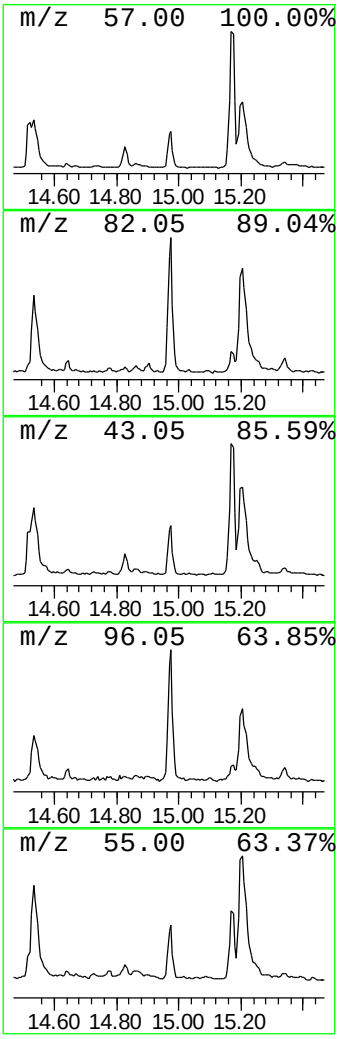
Peak Number 8 Oxirane, heptadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	7.67 ng	488558	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Hexadecanal	240	C16H32O	000629-80-1	90
5	1,19-Eicosadiene	278	C20H38	014811-95-1	81





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Operator : HP/JU
Sample : K3681-02
Misc :
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ClientSampleId : TOP-SOIL-07-01-19

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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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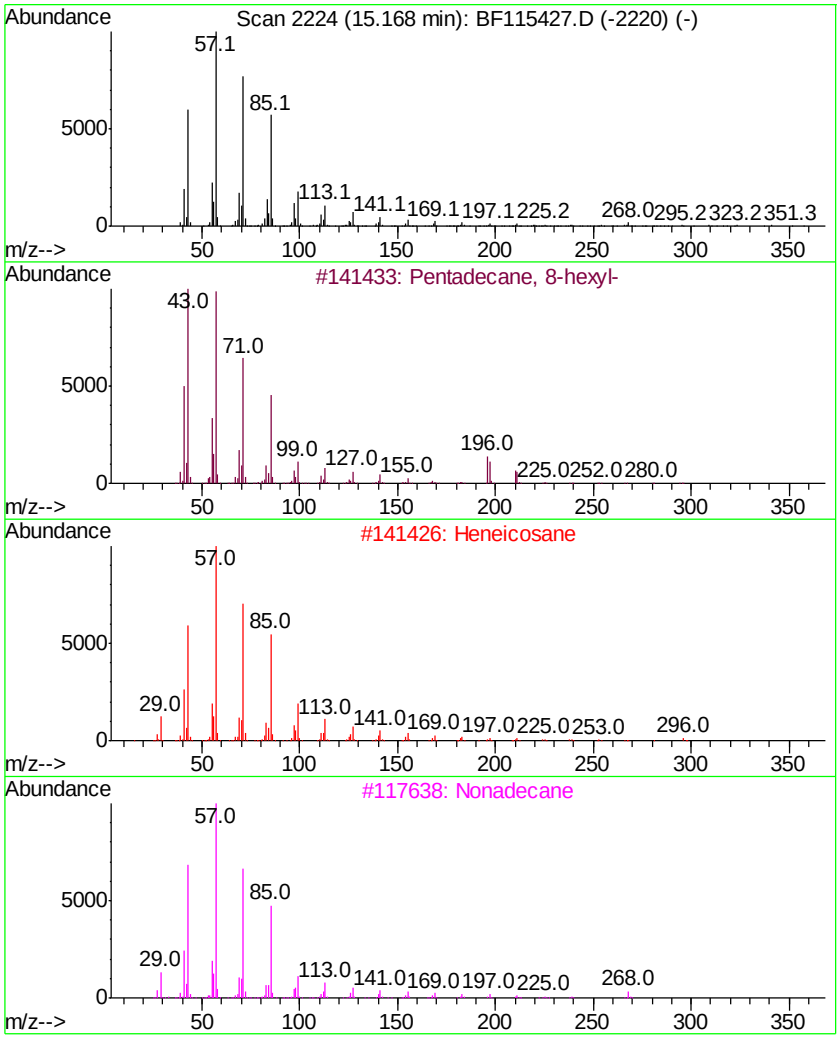
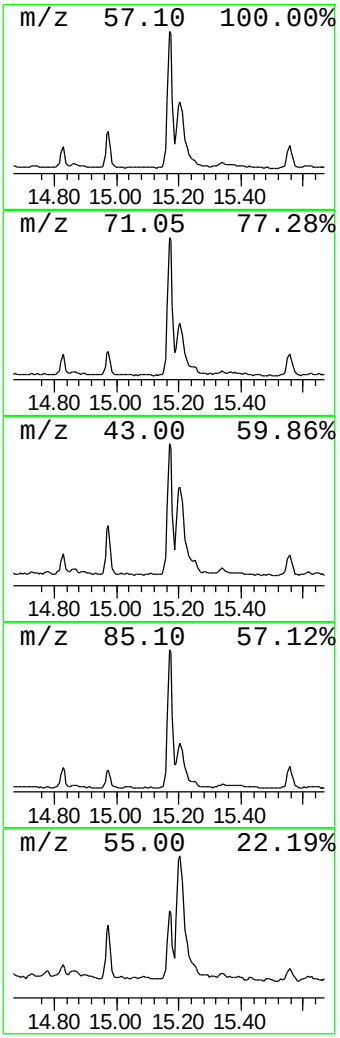
Peak Number 9 Pentadecane, 8-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	14.49 ng	923306	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





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Instrument : BNA_F
ClientSampleId : TOP-SOIL-07-01-19

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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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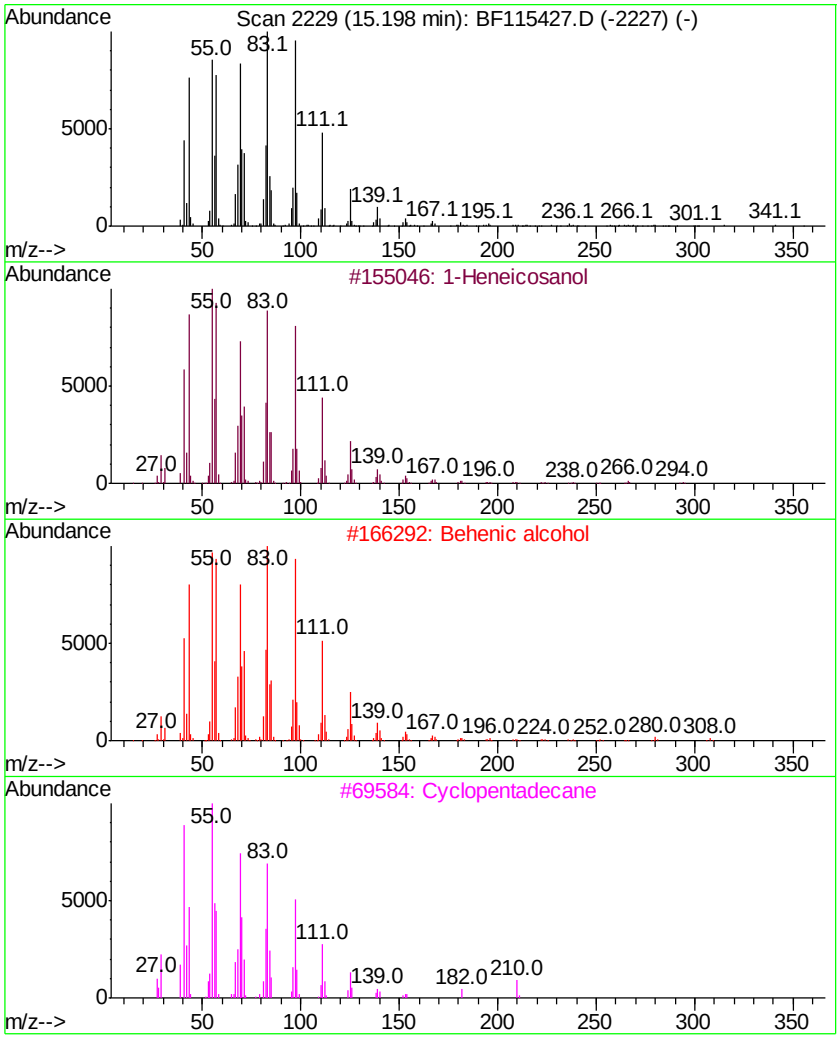
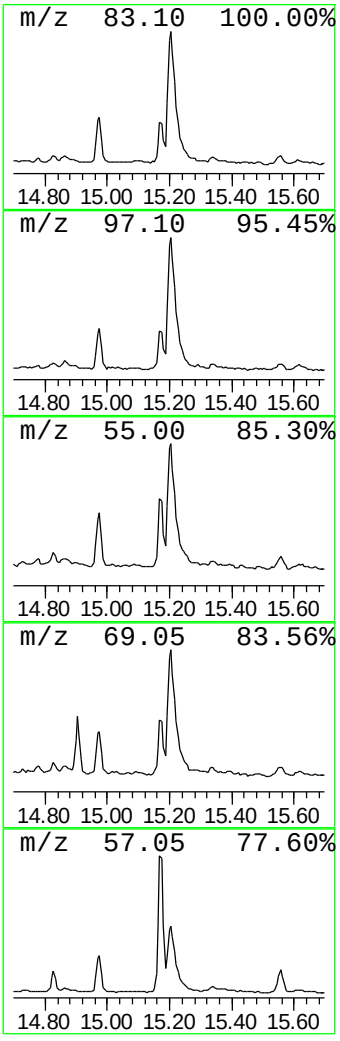
Peak Number 10 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	21.62 ng	1377490	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	Cyclotetracosane	336	C24H48	000297-03-0	87





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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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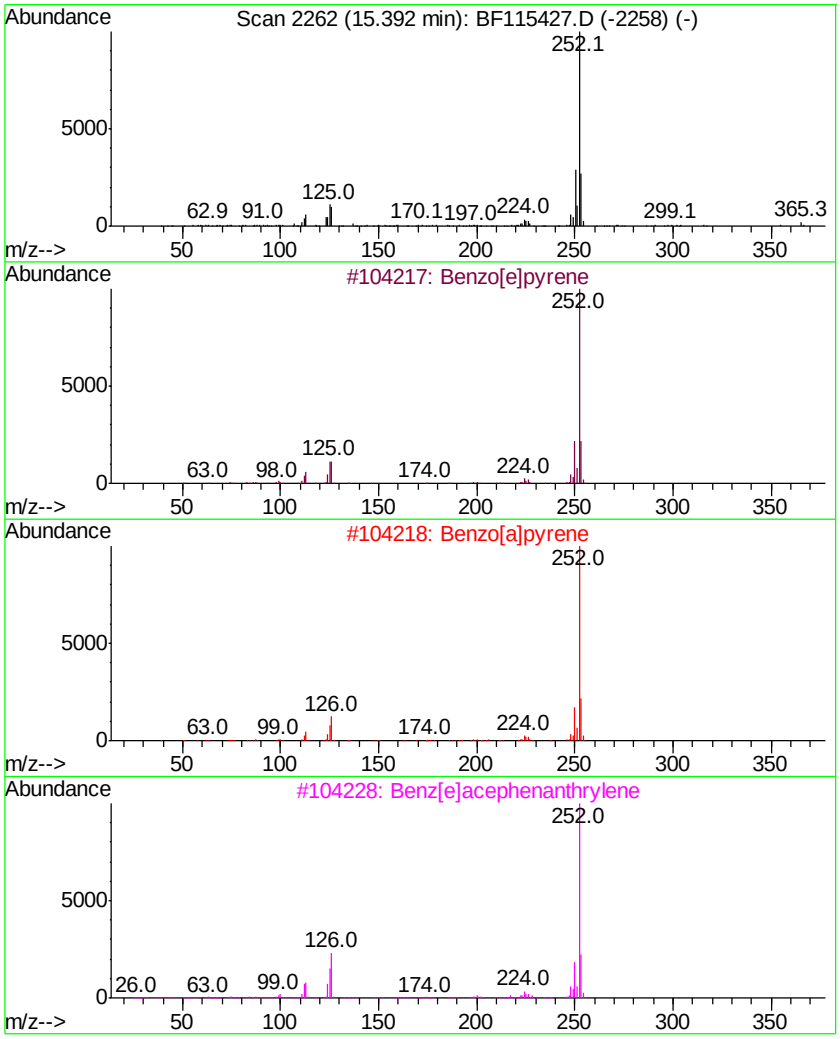
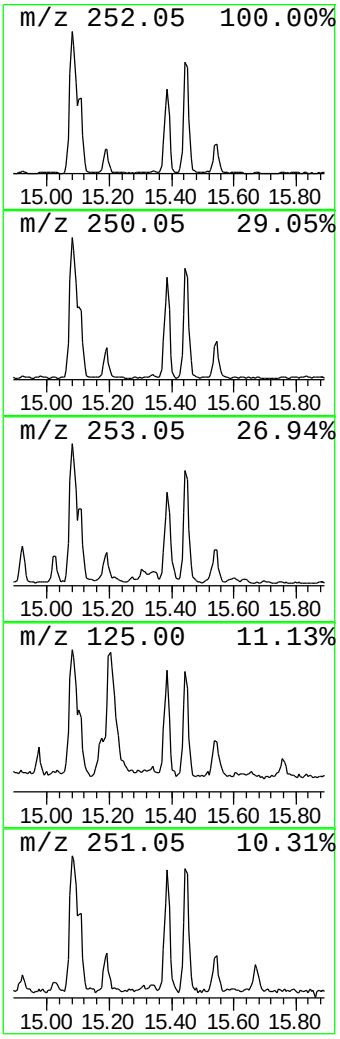
Peak Number 11 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	4.22 ng	269203	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	89





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Instrument : BNA_F
ClientSampleId : TOP-SOIL-07-01-19

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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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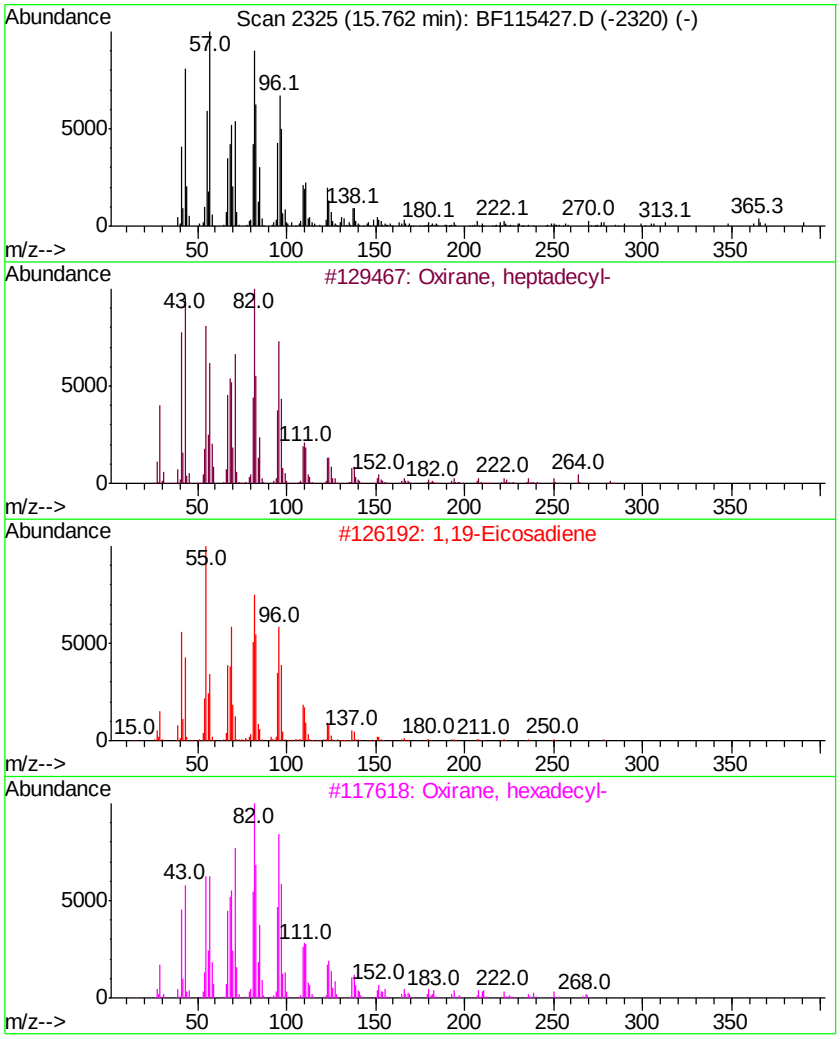
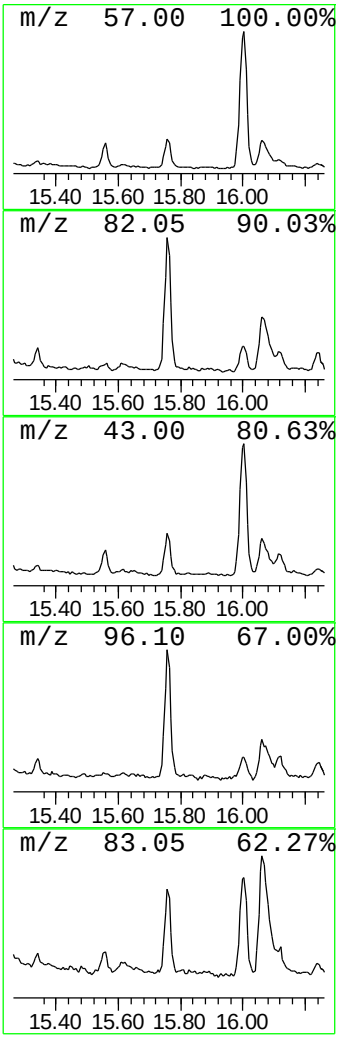
Peak Number 12 1,19-Eicosadiene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	6.77 ng	431186	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	96
2	1,19-Eicosadiene	278	C20H38	014811-95-1	95
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Hexadecanal	240	C16H32O	000629-80-1	80





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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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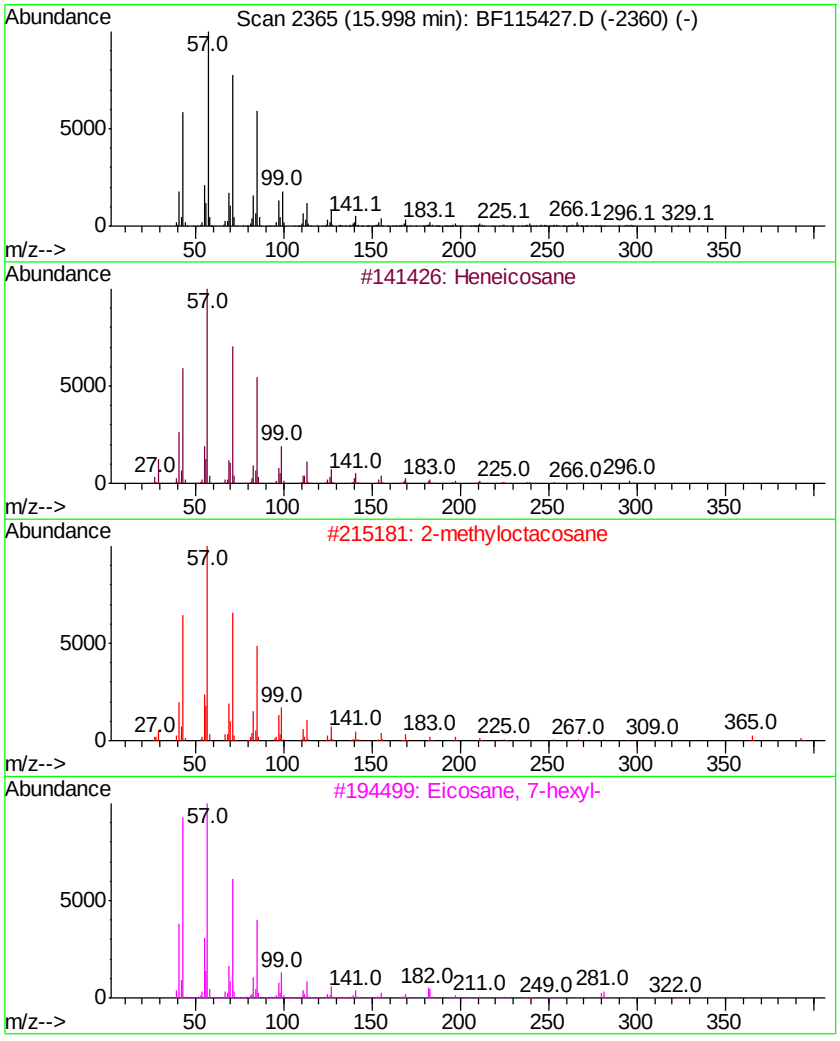
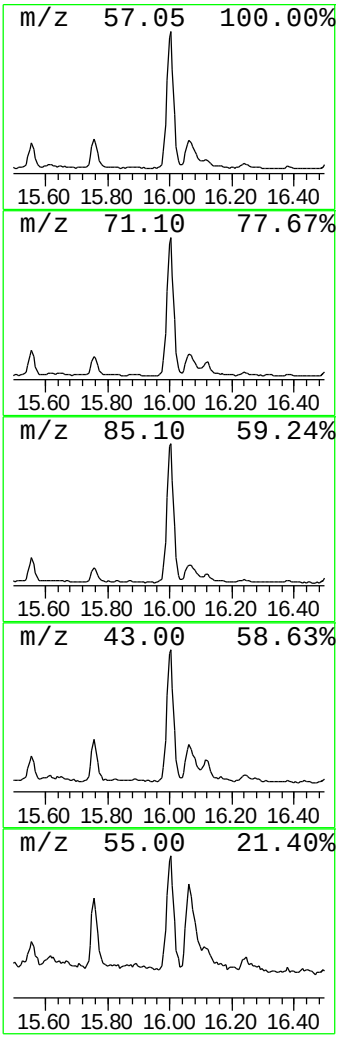
Peak Number 13 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	16.50 ng	1051290	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heptadecane	240	C17H36	000629-78-7	87





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

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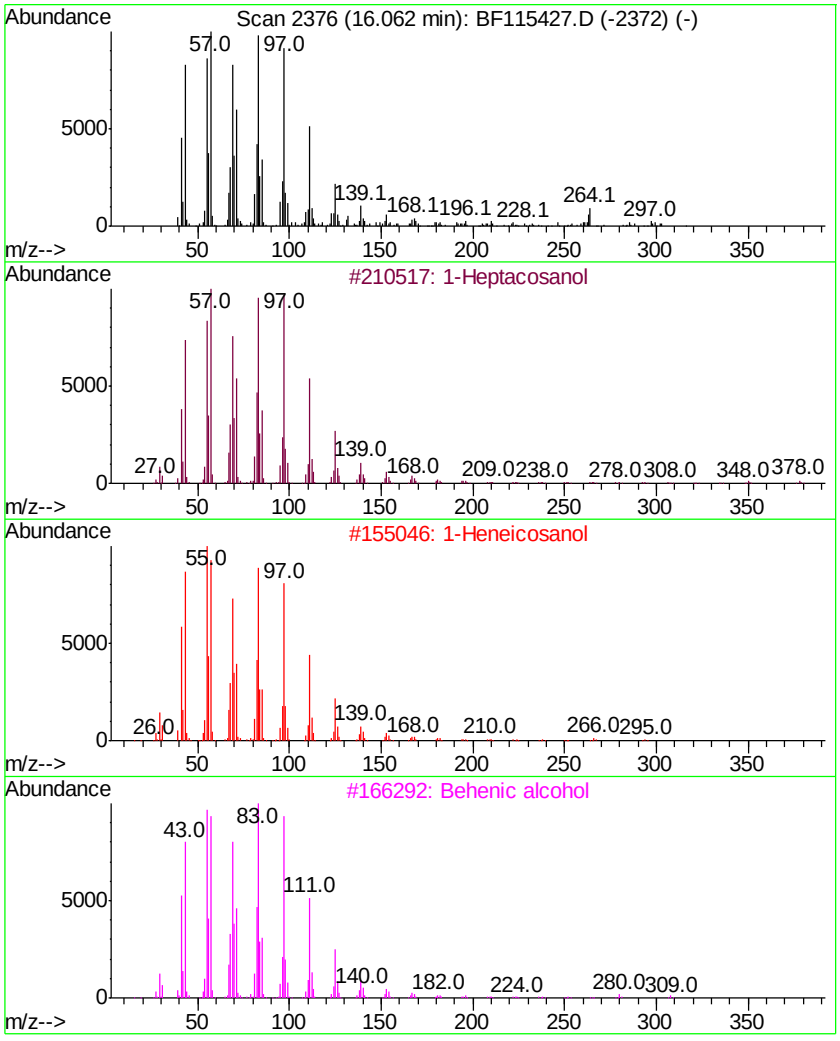
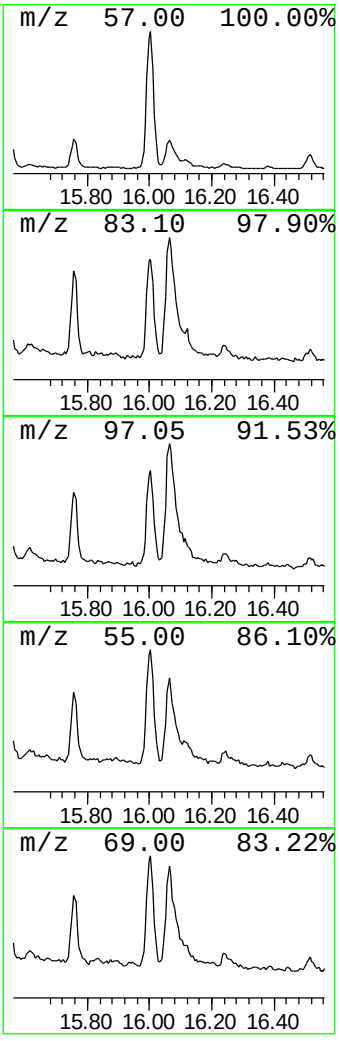
Peak Number 14 1-Heptacosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	9.14 ng	582463	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Octacosyl acetate	452	C30H60O2	018206-97-8	93





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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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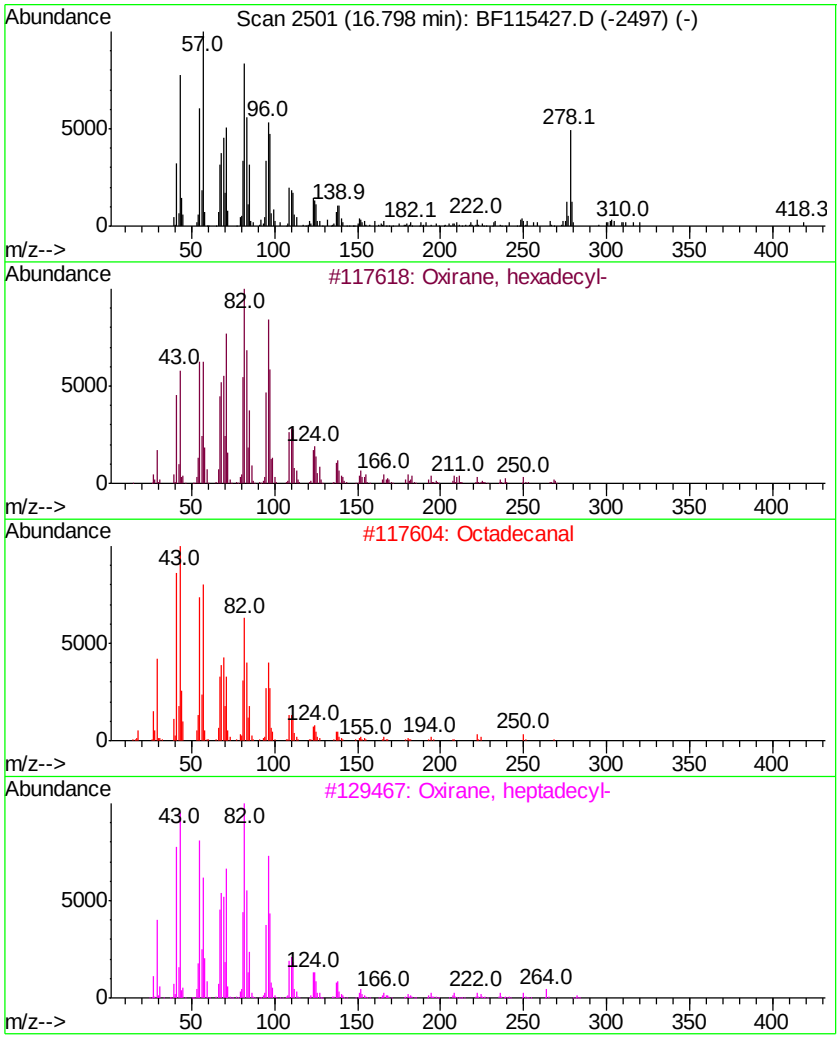
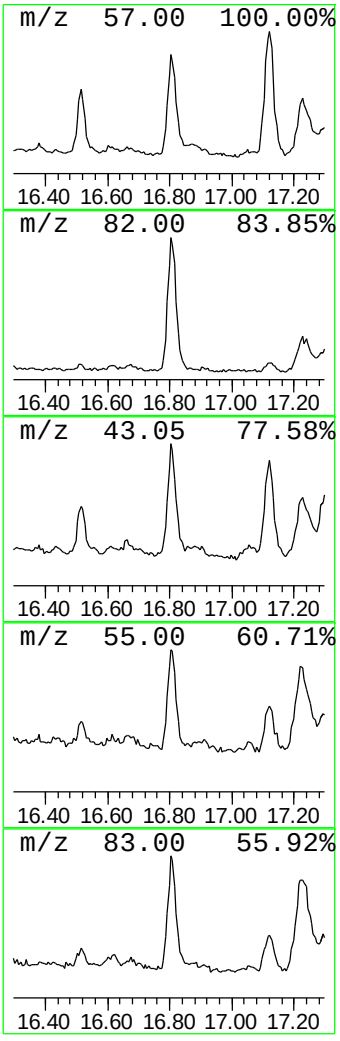
Peak Number 15 10-Octadecenal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	7.94 ng	506128	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
2	Octadecanal	268	C18H36O	000638-66-4	80
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	68
4	10-Octadecenal	266	C18H34O	056554-92-8	64
5	1,15-Pentadecanediol	244	C15H32O2	014722-40-8	58





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

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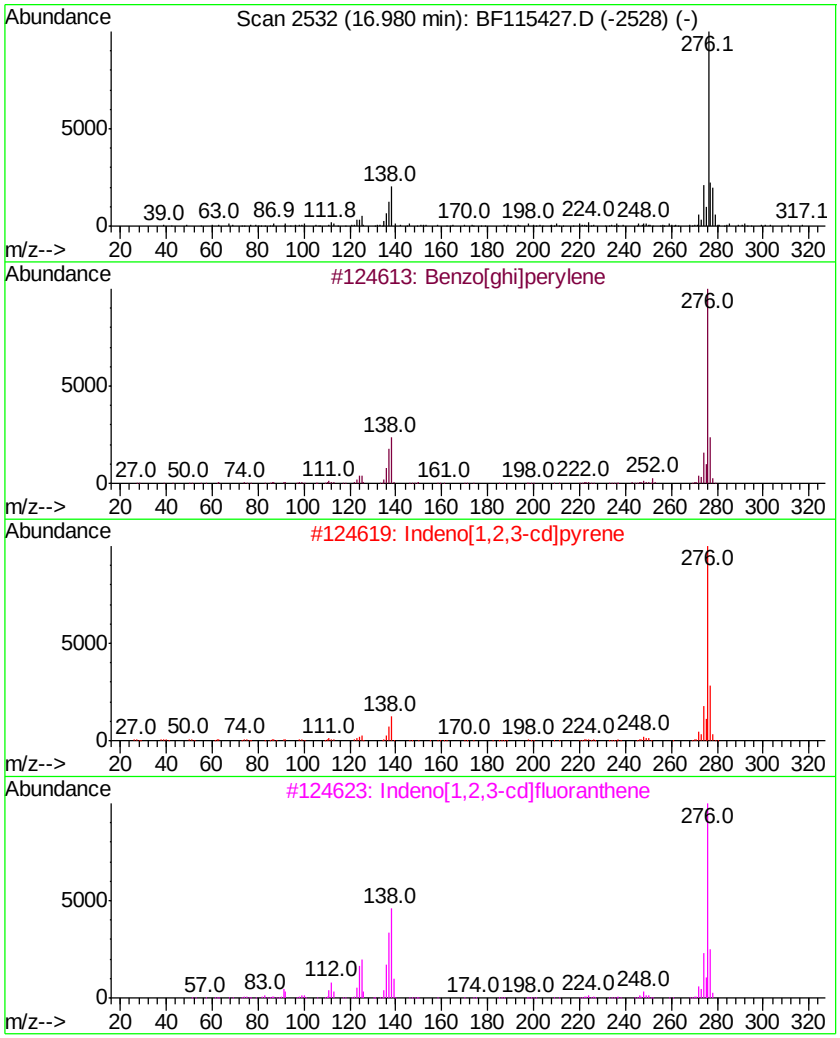
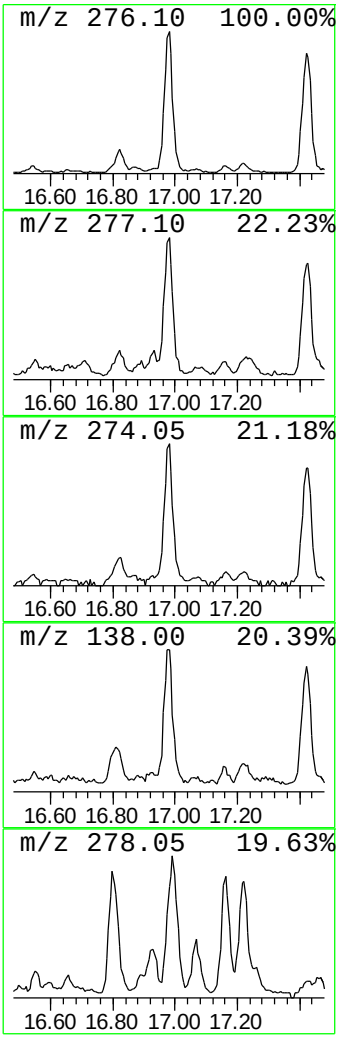
Peak Number 16 Indeno[1,2,3-cd]fluoranthene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	3.17 ng	202172	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
3	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	89
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	89
5	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	38





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

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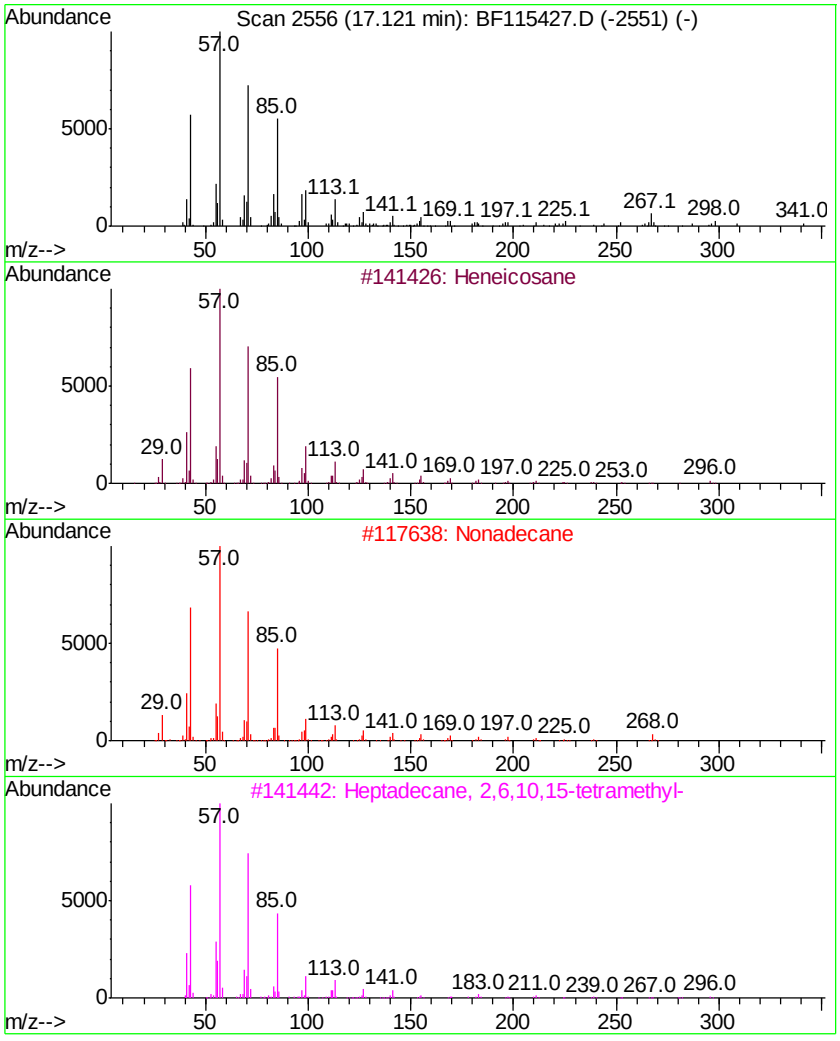
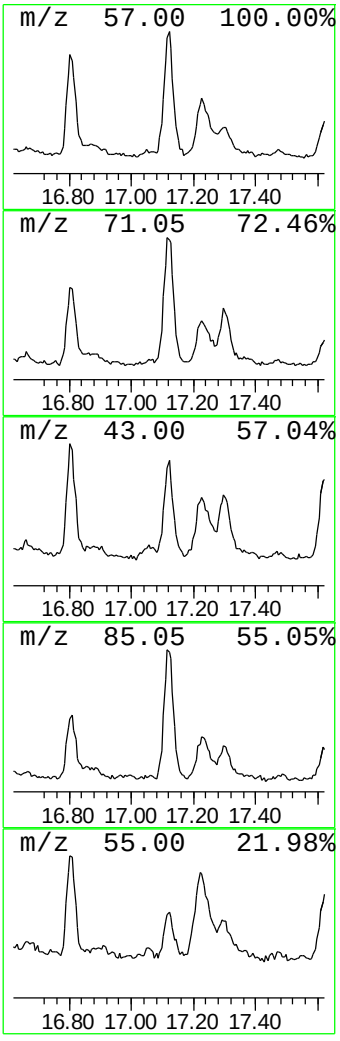
Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	3.68 ng	234687	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87





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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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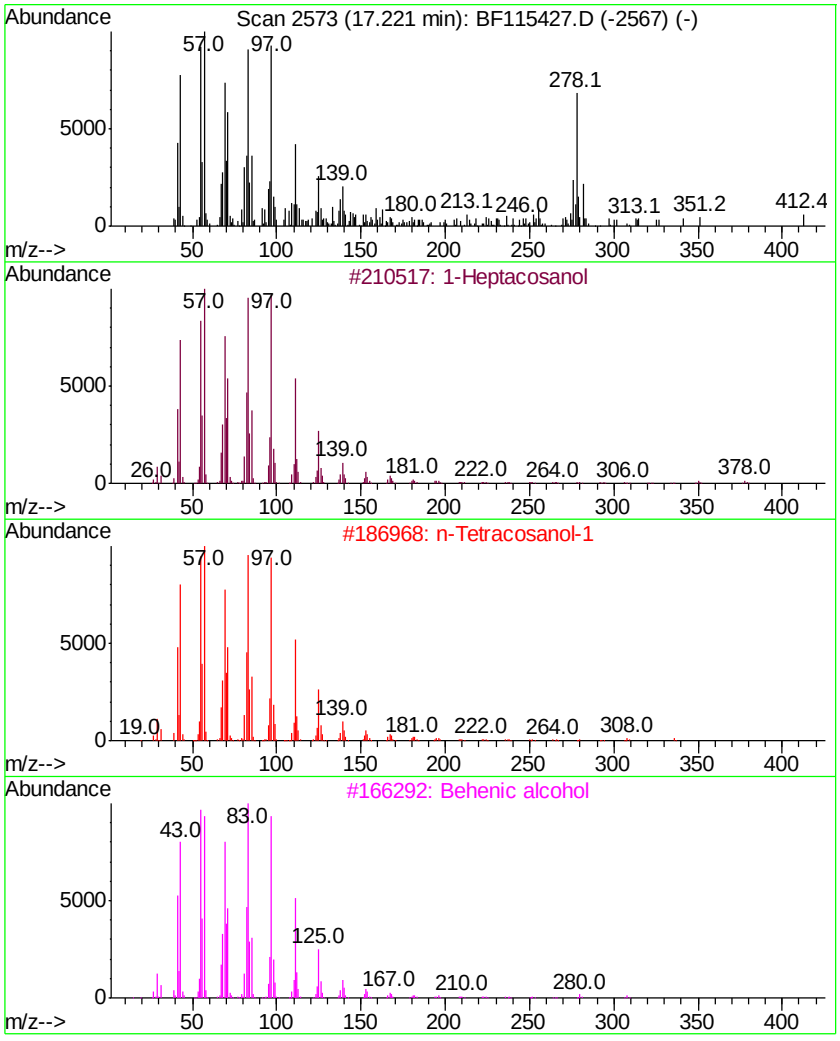
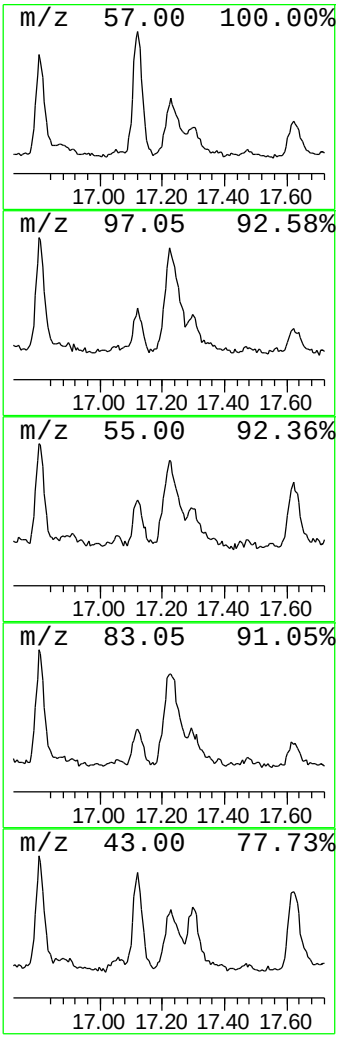
Peak Number 18 Behenic alcohol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	7.71 ng	491203	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	Octacosanol	410	C28H58O	000557-61-9	87
5	Octacosyl acetate	452	C30H60O2	018206-97-8	86





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

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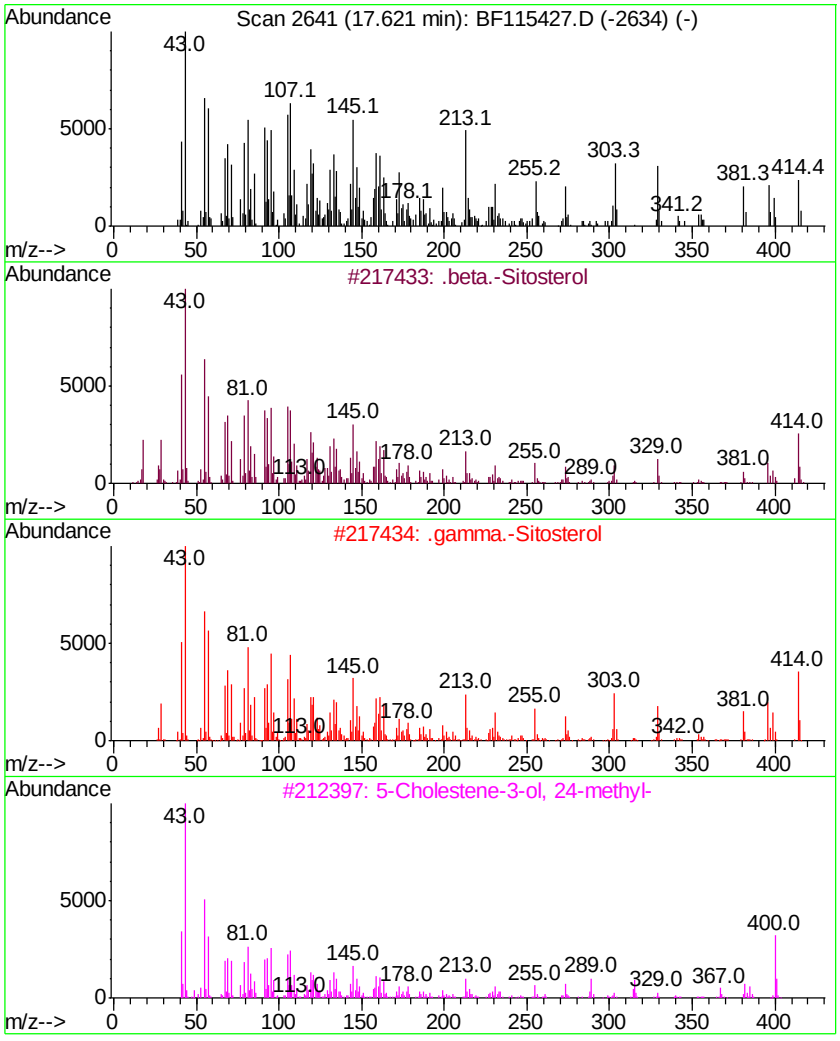
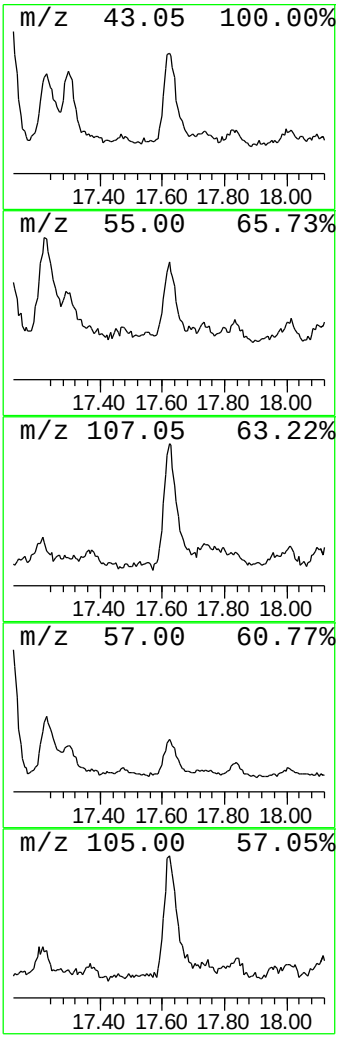
Peak Number 19 .beta.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	13.96 ng	889238	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
3	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	38
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	38
5	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	35





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ClientSampleId : TOP-SOIL-07-01-19

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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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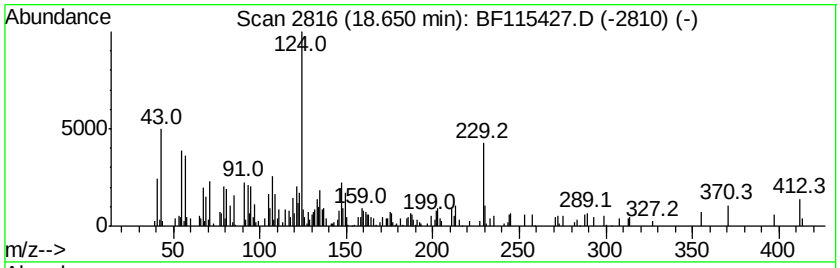
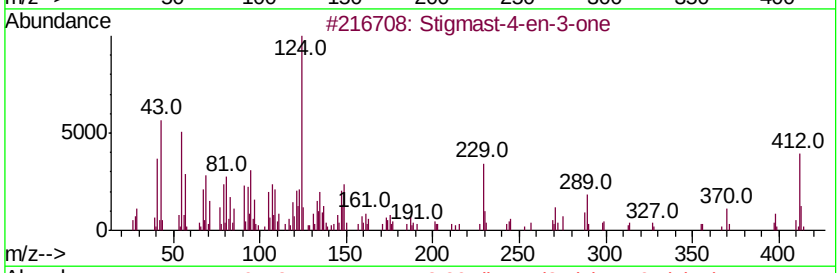
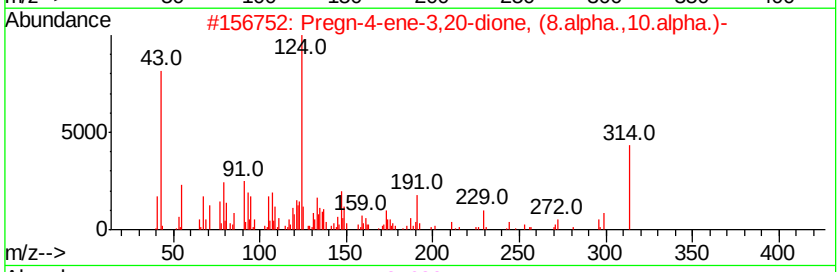
Peak Number 20 Stigmast-4-en-3-one Concentration Rank 16

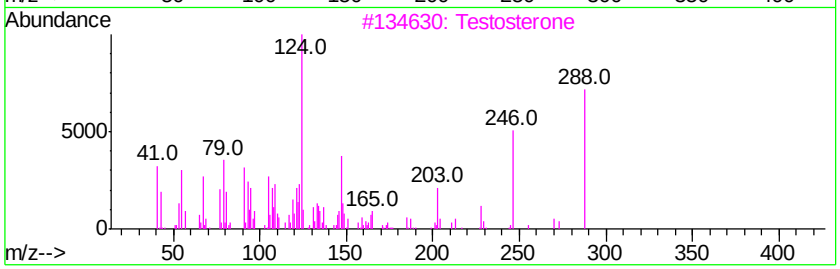
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	4.84 ng	308458	Perylene-d12	15.52

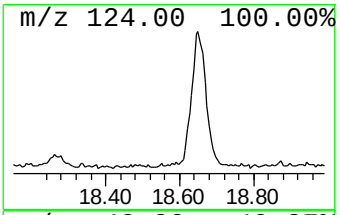
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	93
2	Pregn-4-ene-3,20-dione, (8.alpha...	314	C21H30O2	003795-19-5	91
3	Testosterone	288	C19H28O2	000058-22-0	55
4	Testosterone cypionate	412	C27H40O3	000058-20-8	49
5	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	49

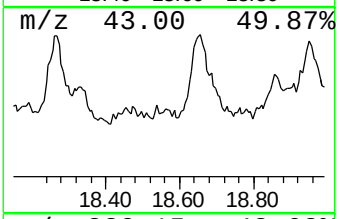


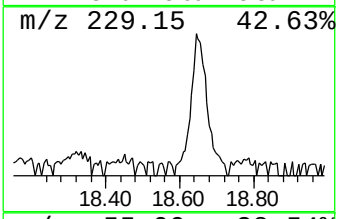


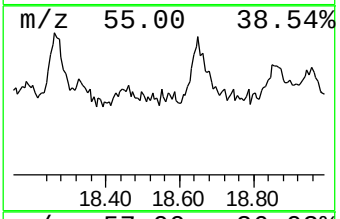


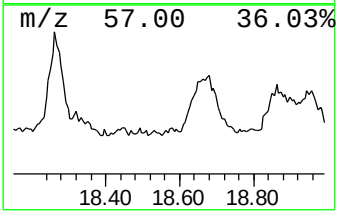












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070819\
Data File : BF115427.D
Acq On : 9 Jul 2019 1:11
Operator : HP/JU
Sample : K3681-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOP-SOIL-07-01-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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
Butane, 2-methoxy...	2.19	21.9	ng	1297530	1	6.89	1183620	20.0
unknown6.66	6.66	64.3	ng	3803490	1	6.89	1183620	20.0
n-Hexadecanoic acid	11.93	6.0	ng	537344	4	11.41	1800030	20.0
Octadecanoic acid	12.72	2.6	ng	236054	4	11.41	1800030	20.0
5-Octadecene, (E)-	13.90	9.3	ng	810226	5	14.04	1732320	20.0
Cyclotetracosane	14.53	12.7	ng	1102280	5	14.04	1732320	20.0
Oxirane, heptadecyl-	14.97	7.7	ng	488558	6	15.52	1274380	20.0
Pentadecane, 8-he...	15.17	14.5	ng	923306	6	15.52	1274380	20.0
1-Heneicosanol	15.20	21.6	ng	1377490	6	15.52	1274380	20.0
Benzo[e]pyrene	15.39	4.2	ng	269203	6	15.52	1274380	20.0
1,19-Eicosadiene	15.76	6.8	ng	431186	6	15.52	1274380	20.0
Heneicosane	16.00	16.5	ng	1051290	6	15.52	1274380	20.0
1-Heptacosanol	16.06	9.1	ng	582463	6	15.52	1274380	20.0
10-Octadecenal	16.80	7.9	ng	506128	6	15.52	1274380	20.0
Indeno[1,2,3-cd]f...	16.98	3.2	ng	202172	6	15.52	1274380	20.0
Heptadecane, 2,6,...	17.12	3.7	ng	234687	6	15.52	1274380	20.0
Behenic alcohol	17.22	7.7	ng	491203	6	15.52	1274380	20.0
.beta.-Sitosterol	17.62	14.0	ng	889238	6	15.52	1274380	20.0
Stigmast-4-en-3-one	18.65	4.8	ng	308458	6	15.52	1274380	20.0