LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098636.D
Acq On : 19 Sep 2017 7:50
Operator : SJ/JU
Sample : I5265-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-28D46

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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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	4.816	461	464	478	rBV	221995	353589	10.85%	0.772%
2	5.246	533	537	557	rBV	2923915	3223186	98.88%	7.037%
3	6.293	710	715	718	rBV	2908847	2962061	90.87%	6.466%
4	6.410	730	735	738	rBV	3671553	3259540	100.00%	7.116%
5	6.634	769	773	779	rBV	926345	773947	23.74%	1.690%
6	6.787	795	799	807	rVB	2247403	2129571	65.33%	4.649%
7	7.169	858	864	866	rBV	68394	72073	2.21%	0.157%
8	7.204	866	870	873	rBV	1879319	1865406	57.23%	4.072%
9	7.404	901	904	907	rVB	74444	67110	2.06%	0.147%
10	7.657	942	947	950	rBV2	91048	96354	2.96%	0.210%
11	7.916	985	991	997	rBV	1128893	1031870	31.66%	2.253%
12	7.963	997	999	1004	rVB2	46521	46673	1.43%	0.102%
13	8.728	1124	1129	1133	rBV2	137445	154793	4.75%	0.338%
14	8.939	1160	1165	1169	rBV2	35555	46308	1.42%	0.101%
15	8.992	1169	1174	1177	rBV	3020729	2685136	82.38%	5.862%
16	9.151	1197	1201	1206	rBV3	24548	39733	1.22%	0.087%
17	9.192	1206	1208	1213	rVB4	33382	45762	1.40%	0.100%
18	9.263	1213	1220	1223	rBV	88210	121929	3.74%	0.266%
19	9.328	1228	1231	1234	rVV	123780	124378	3.82%	0.272%
20	9.357	1234	1236	1239	rVB	49802	39586	1.21%	0.086%
21	9.392	1239	1242	1249	rBV	562973	461134	14.15%	1.007%
22	9.445	1249	1251	1256	rBV	55239	59788	1.83%	0.131%
23	9.669	1285	1289	1292	rBV	1323231	1122430	34.44%	2.450%
24	9.775	1303	1307	1312	rVB2	38617	51201	1.57%	0.112%
25	9.869	1320	1323	1327	rVB3	39192	40666	1.25%	0.089%
26	9.910	1327	1330	1338	rVB4	36186	53112	1.63%	0.116%
27	10.098	1360	1362	1370	rVB2	38297	43157	1.32%	0.094%
28	10.322	1394	1400	1405	rBV	66775	73390	2.25%	0.160%
29	10.457	1419	1423	1434	rVB	1697851	1563783	47.98%	3.414%
30	10.586	1440	1445	1449	rBV	105943	151883	4.66%	0.332%
31	10.822	1483	1485	1496	rVB2	65368	91139	2.80%	0.199%
32	11.022	1515	1519	1521	rBV	45582	42178	1.29%	0.092%
33	11.045	1521	1523	1529	rVB	49551	53326	1.64%	0.116%
34	11.151	1537	1541	1544	rBV	1144436	936063	28.72%	2.044%

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Misc :
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Instrument : BNA_F
ClientSampleId : TP-28D46

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.380	1577	1580	1586	rBV7	24611	36386	1.12%	0.079%
36	11.692	1628	1633	1637	rBV5	28283	41800	1.28%	0.091%
37	11.851	1657	1660	1663	rVB	63801	55580	1.71%	0.121%
38	11.892	1663	1667	1669	rBV	87194	81071	2.49%	0.177%
39	11.922	1669	1672	1675	rVB3	61794	54698	1.68%	0.119%
40	11.998	1681	1685	1691	rBV	281079	300591	9.22%	0.656%
41	12.057	1691	1695	1697	rVV5	28604	40743	1.25%	0.089%
42	12.086	1697	1700	1703	rVB	207601	174974	5.37%	0.382%
43	12.204	1715	1720	1721	rBV4	33883	57242	1.76%	0.125%
44	12.245	1722	1727	1730	rVB2	3353212	3246383	99.60%	7.087%
45	12.398	1750	1753	1756	rVB	110330	98837	3.03%	0.216%
46	12.474	1764	1766	1770	rVB2	46618	43407	1.33%	0.095%
47	12.516	1770	1773	1776	rBV2	47158	49766	1.53%	0.109%
48	12.557	1777	1780	1783	rVV2	64871	52289	1.60%	0.114%
49	12.610	1786	1789	1794	rVB	595772	525203	16.11%	1.147%
50	12.733	1806	1810	1813	rBV	2153150	1903046	58.38%	4.155%
51	12.863	1830	1832	1835	rBV	88543	83304	2.56%	0.182%
52	12.969	1843	1850	1853	rBV	3088791	2729269	83.73%	5.958%
53	13.110	1871	1874	1878	rBV	728609	681452	20.91%	1.488%
54	13.151	1878	1881	1884	rVV	164008	166106	5.10%	0.363%
55	13.210	1888	1891	1896	rVB6	25979	40931	1.26%	0.089%
56	13.304	1903	1907	1911	rBV	192872	199065	6.11%	0.435%
57	13.374	1916	1919	1924	rBV5	33731	48200	1.48%	0.105%
58	13.533	1939	1946	1953	rBV2	159322	260102	7.98%	0.568%
59	13.633	1956	1963	1969	rVV	1227924	1388668	42.60%	3.032%
60	13.680	1969	1971	1980	rVB2	82637	97779	3.00%	0.213%
61	13.786	1985	1989	1995	rVB	751349	755376	23.17%	1.649%
62	13.874	2001	2004	2007	rBV3	57682	59579	1.83%	0.130%
63	13.951	2013	2017	2024	rBV2	127340	194214	5.96%	0.424%
64	14.086	2036	2040	2045	rVB2	77712	106985	3.28%	0.234%
65	14.227	2060	2064	2066	rBV2	88842	112056	3.44%	0.245%
66	14.263	2066	2070	2076	rVV	801392	910233	27.93%	1.987%
67	14.310	2076	2078	2087	rVB3	139305	198655	6.09%	0.434%
68	14.486	2106	2108	2112	rVB4	48073	46171	1.42%	0.101%
69	14.545	2113	2118	2121	rBV2	144760	221095	6.78%	0.483%
70	14.680	2138	2141	2143	rVB	71196	68299	2.10%	0.149%
71	14.792	2153	2160	2165	rBV6	66572	143975	4.42%	0.314%

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Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.851	2167	2170	2171	rBV2	50645	47754	1.47%	0.104%
73	14.874	2171	2174	2180	rVV	695886	840441	25.78%	1.835%
74	15.121	2214	2216	2221	rVB6	39484	45540	1.40%	0.099%
75	15.180	2222	2226	2230	rBV	568859	699114	21.45%	1.526%
76	15.227	2232	2234	2239	rVB2	90700	114926	3.53%	0.251%
77	15.374	2256	2259	2265	rVB	93439	119402	3.66%	0.261%
78	15.515	2279	2283	2287	rVB	144722	197634	6.06%	0.431%
79	15.562	2288	2291	2297	rBV3	63648	107644	3.30%	0.235%
80	15.633	2297	2303	2310	rBV	809416	1330851	40.83%	2.905%
81	16.110	2378	2384	2390	rVB	326940	578459	17.75%	1.263%
82	16.633	2468	2473	2480	rBV3	92041	203092	6.23%	0.443%
83	16.868	2505	2513	2522	rBV	637389	1224549	37.57%	2.673%
84	16.992	2529	2534	2543	rVB5	111467	245090	7.52%	0.535%
85	17.474	2609	2616	2624	rBV3	195342	412649	12.66%	0.901%
86	17.692	2647	2653	2664	rBV8	133676	391263	12.00%	0.854%
87	17.892	2683	2687	2694	rVB8	44078	92214	2.83%	0.201%

Sum of corrected areas: 45806407

LSC Report - Integrated Chromatogram

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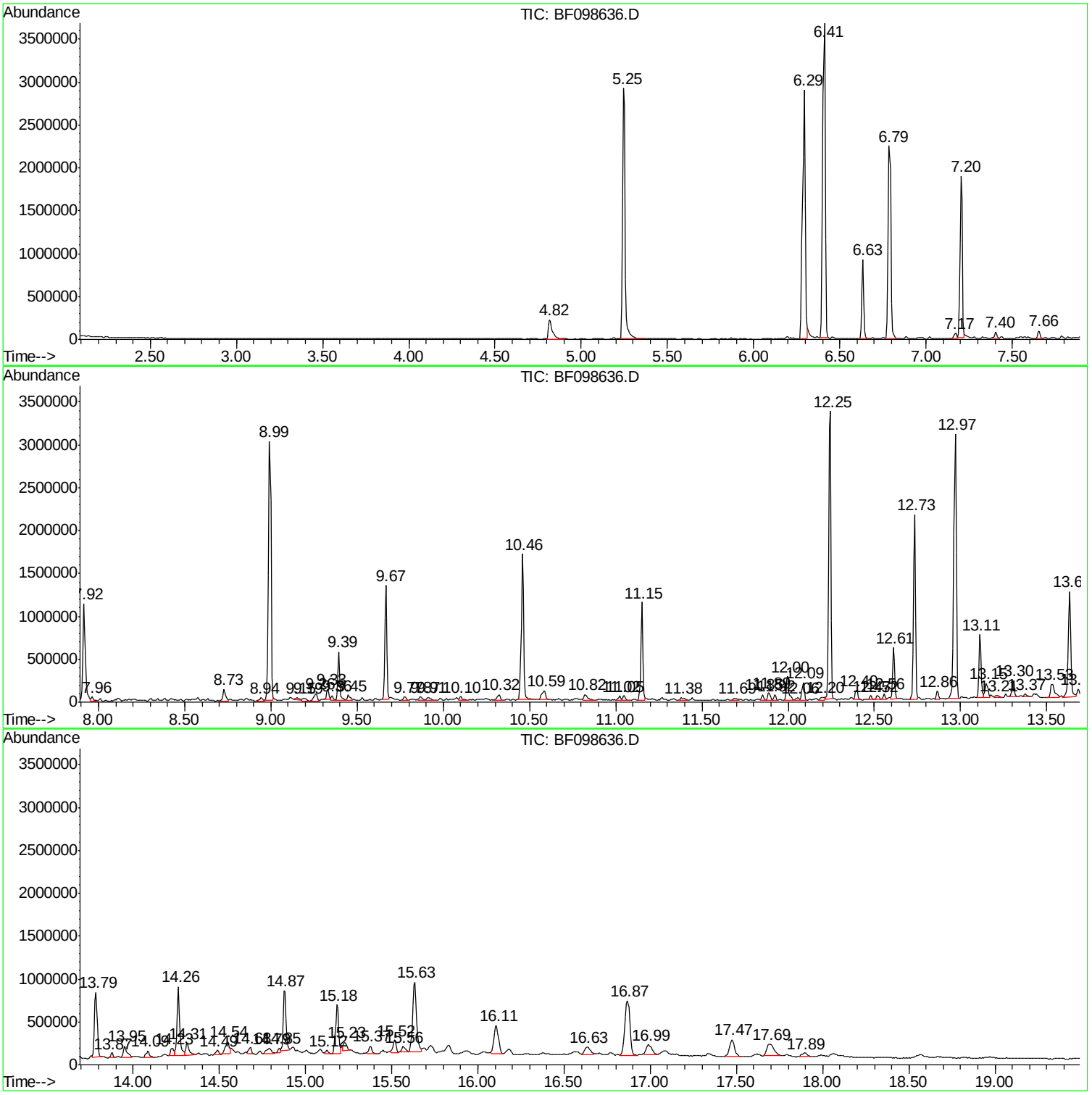
Sample : I5265-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-28D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098636.D
Acq On : 19 Sep 2017 7:50
Operator : SJ/JU
Sample : I5265-18
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ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

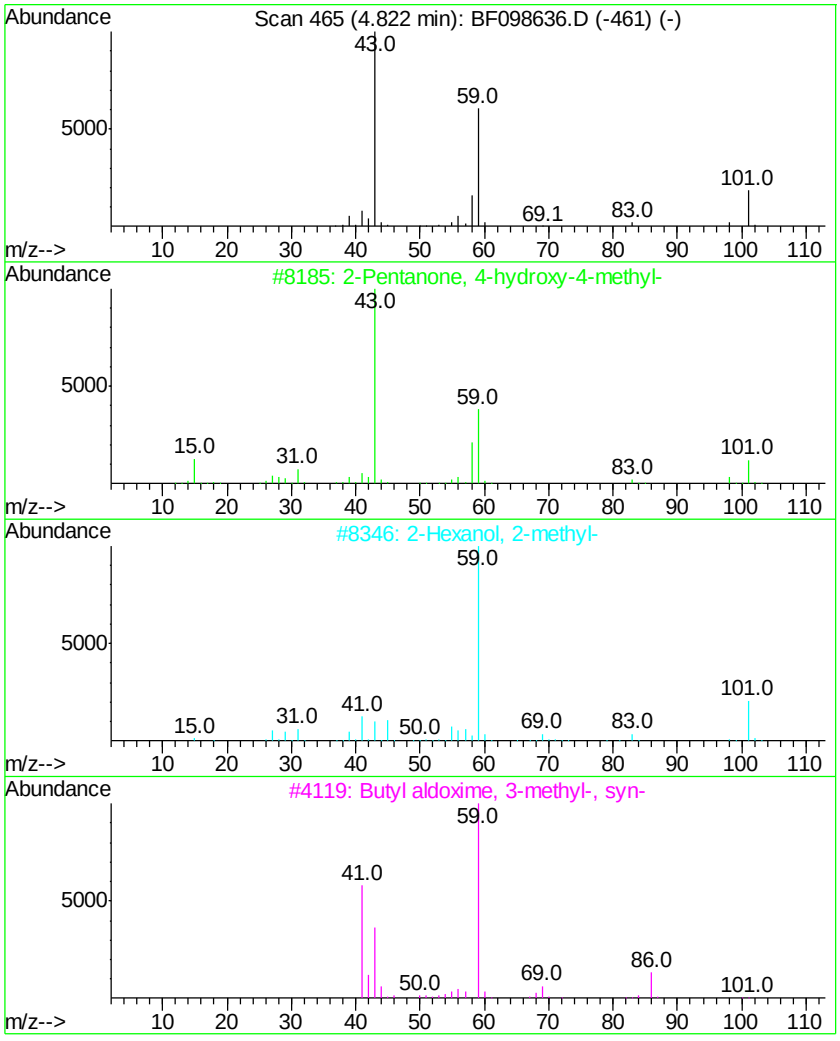
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

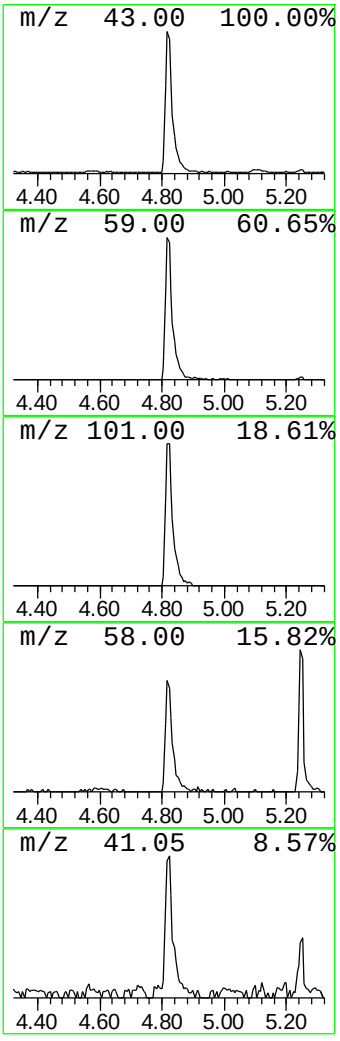
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	9.14 ng	353589	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098636.D
Acq On : 19 Sep 2017 7:50
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-28D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

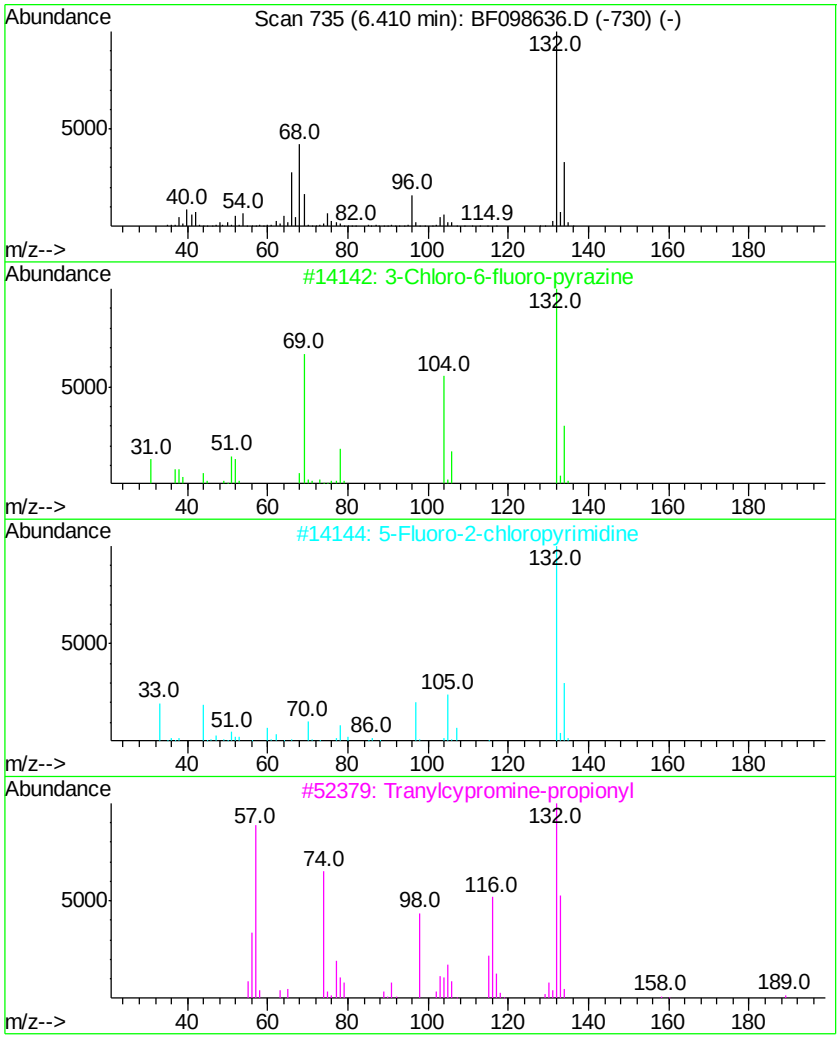
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

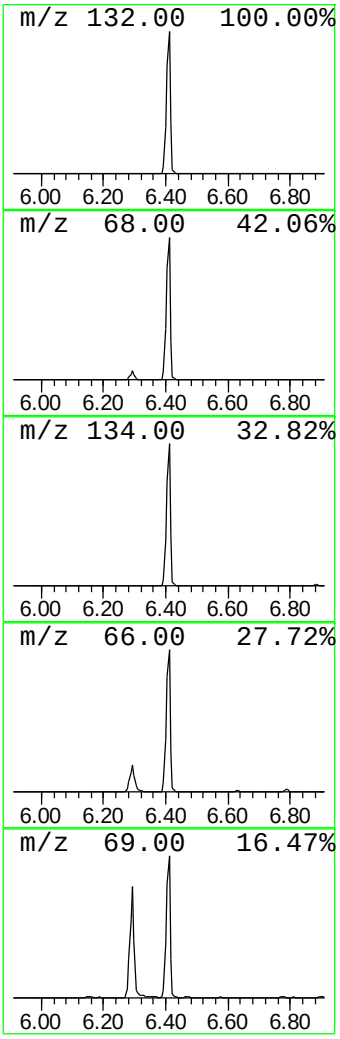
****

Peak Number 2 unknown6.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	84.23 ng	3259540	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
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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TIC Library : C:\DATABASE\NIST11.L
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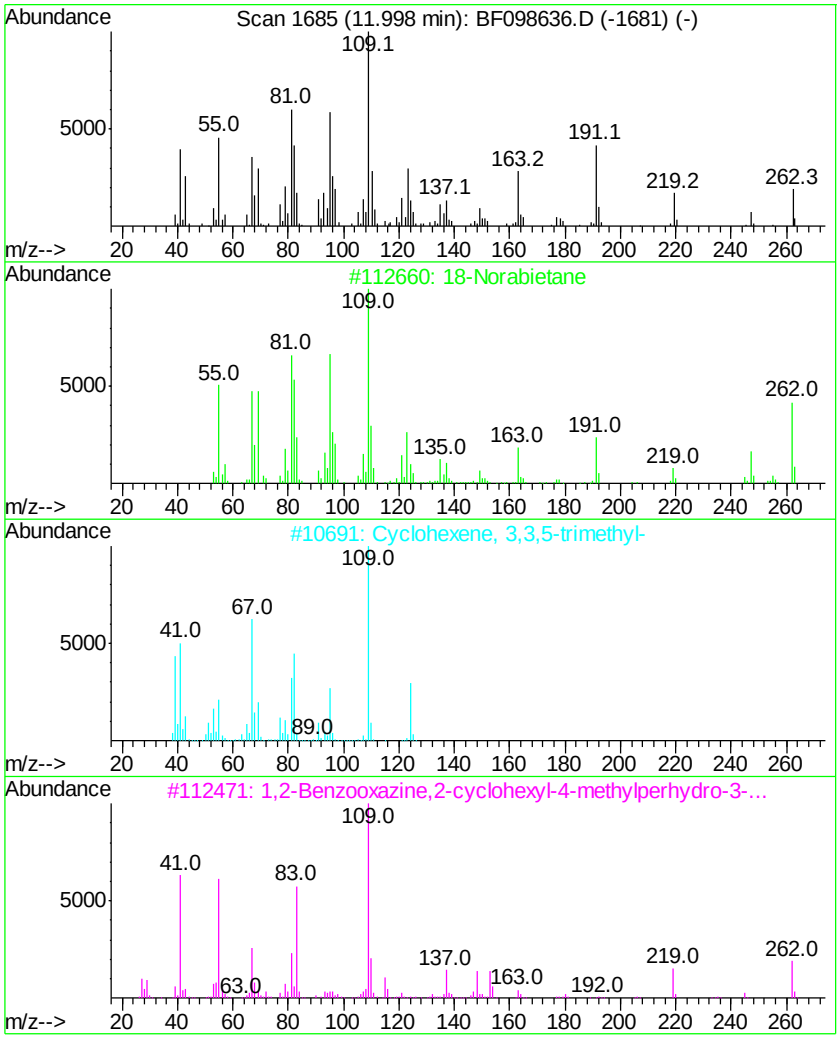
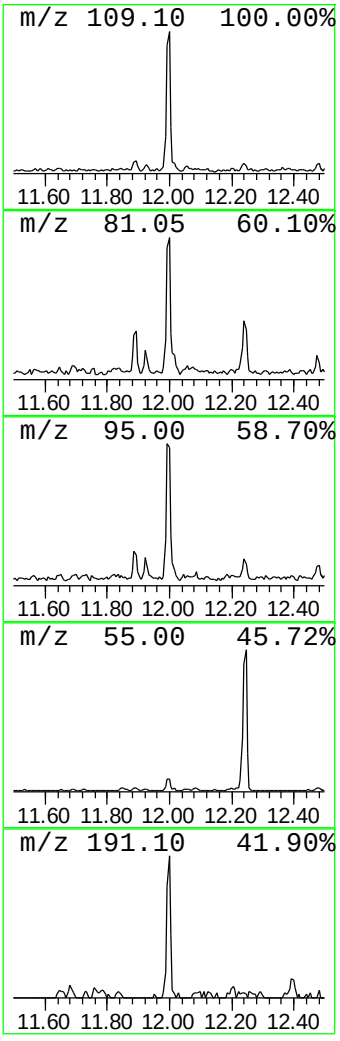
****

Peak Number 4 18-Norabietane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.42 ng	300591	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	93
2	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	35
3	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	30
4	9-Octadecyne	250	C18H34	035365-59-4	25
5	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	22





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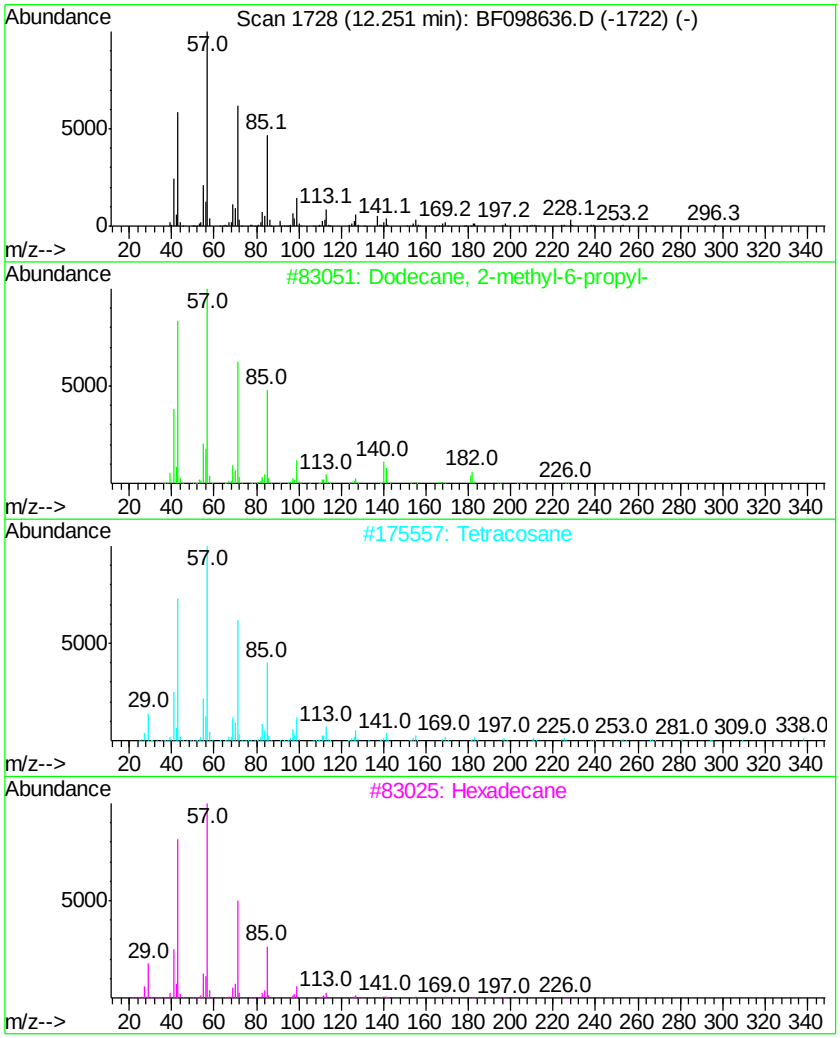
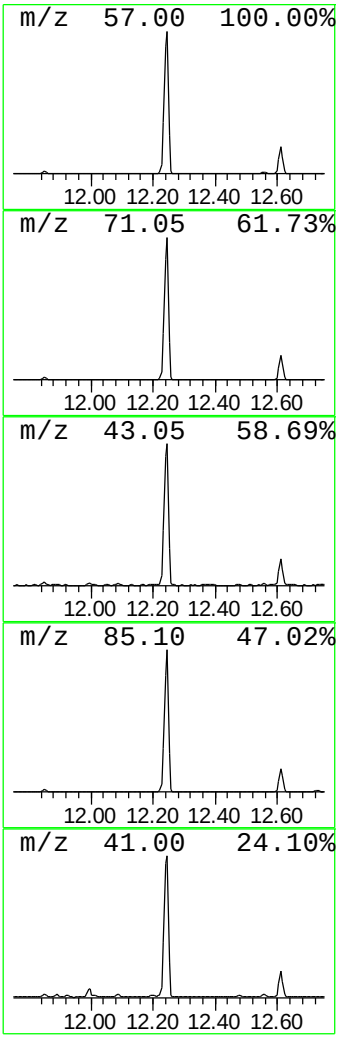
****

Peak Number 5 Dodecane, 2-methyl-6-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	69.36 ng	3246380	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





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Instrument : BNA_F
ClientSampleId : TP-28D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

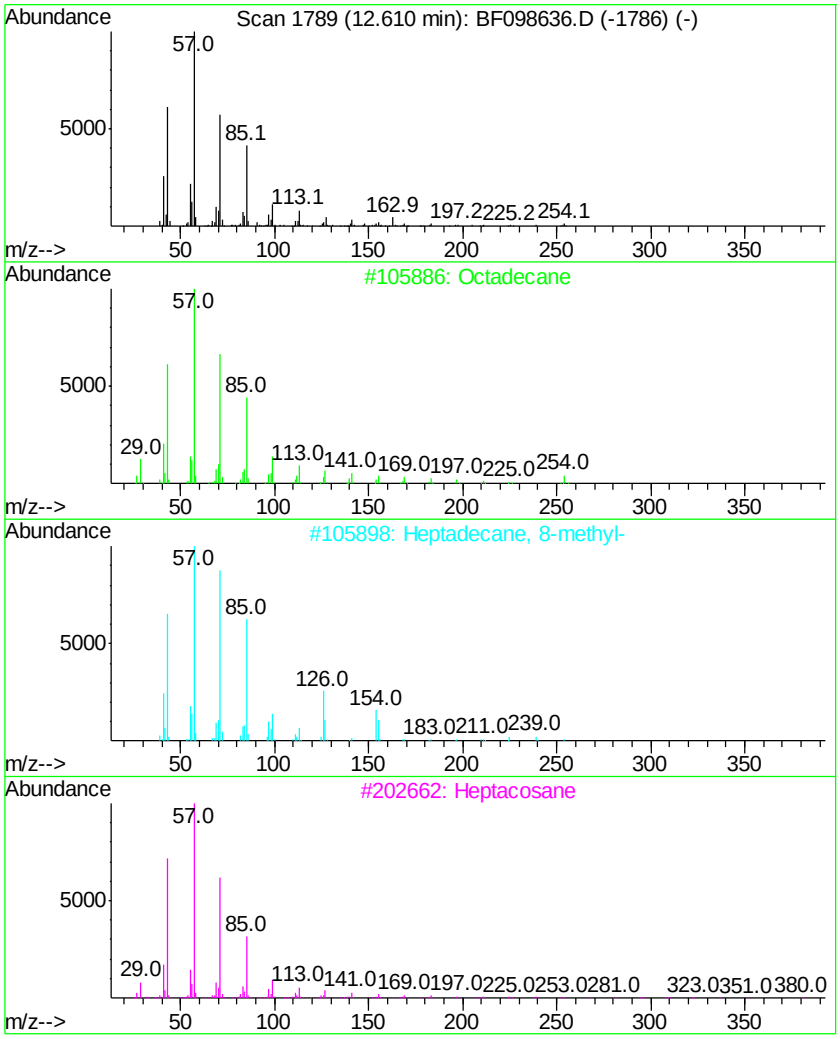
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

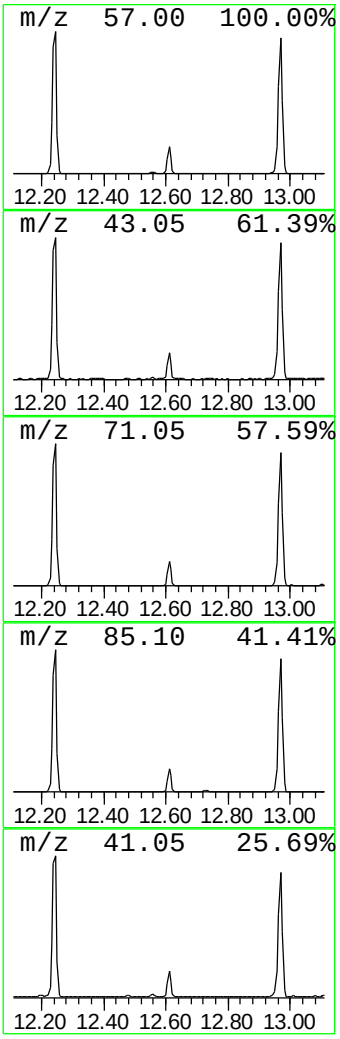
****

Peak Number 6 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	13.91 ng	525203	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Docosane	310	C22H46	000629-97-0	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

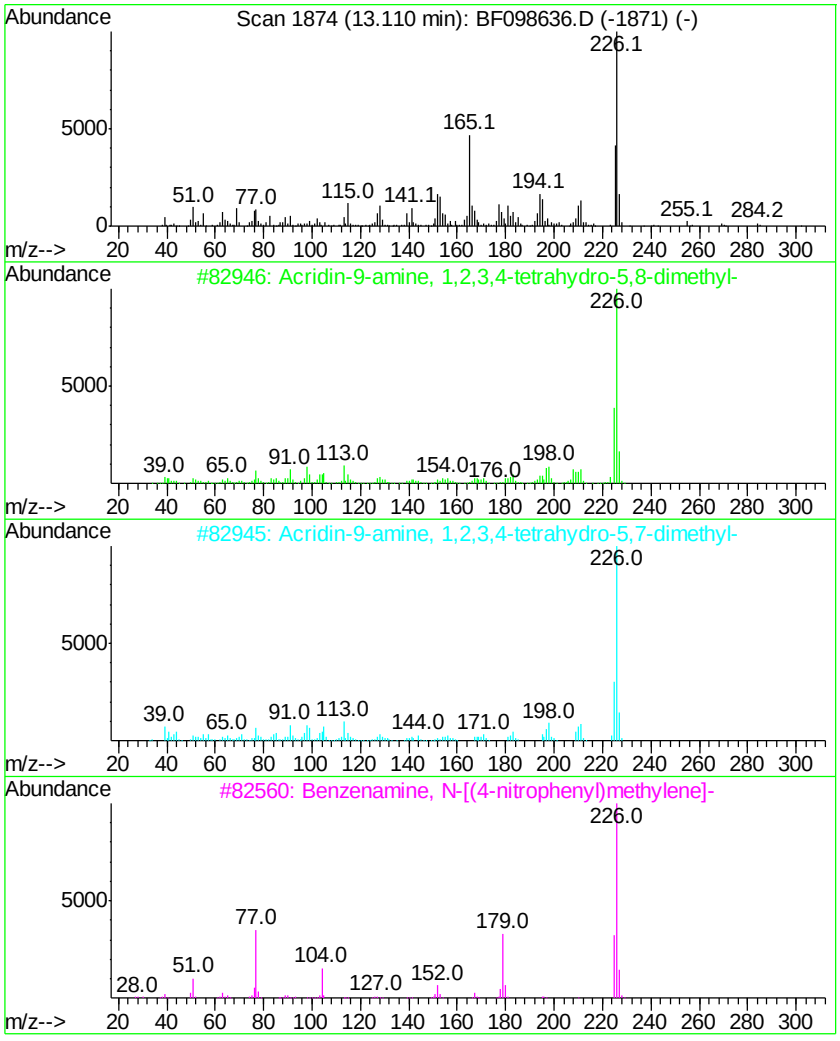
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

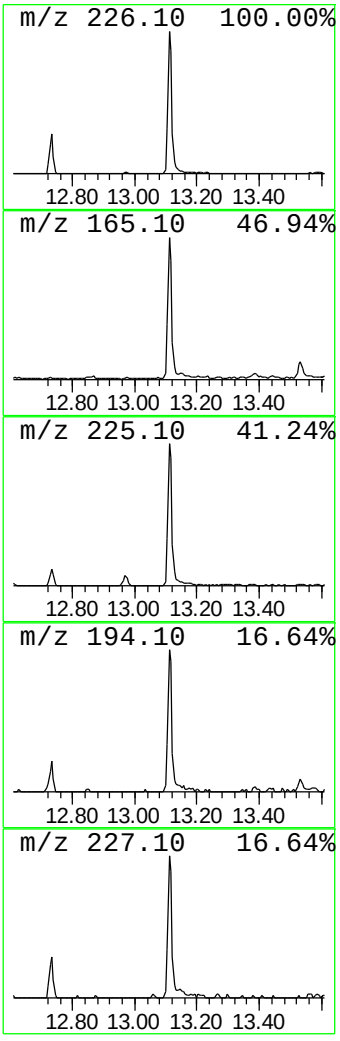
****

Peak Number 8 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	18.04 ng	681452	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	70
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	64
3	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	55
4	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	49
5	1-Ethyl-4-methoxy-9H-pyrido[3,4-...	226	C14H14N2O	026585-14-8	43





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Data File : BF098636.D
Acq On : 19 Sep 2017 7:50
Operator : SJ/JU
Sample : I5265-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-28D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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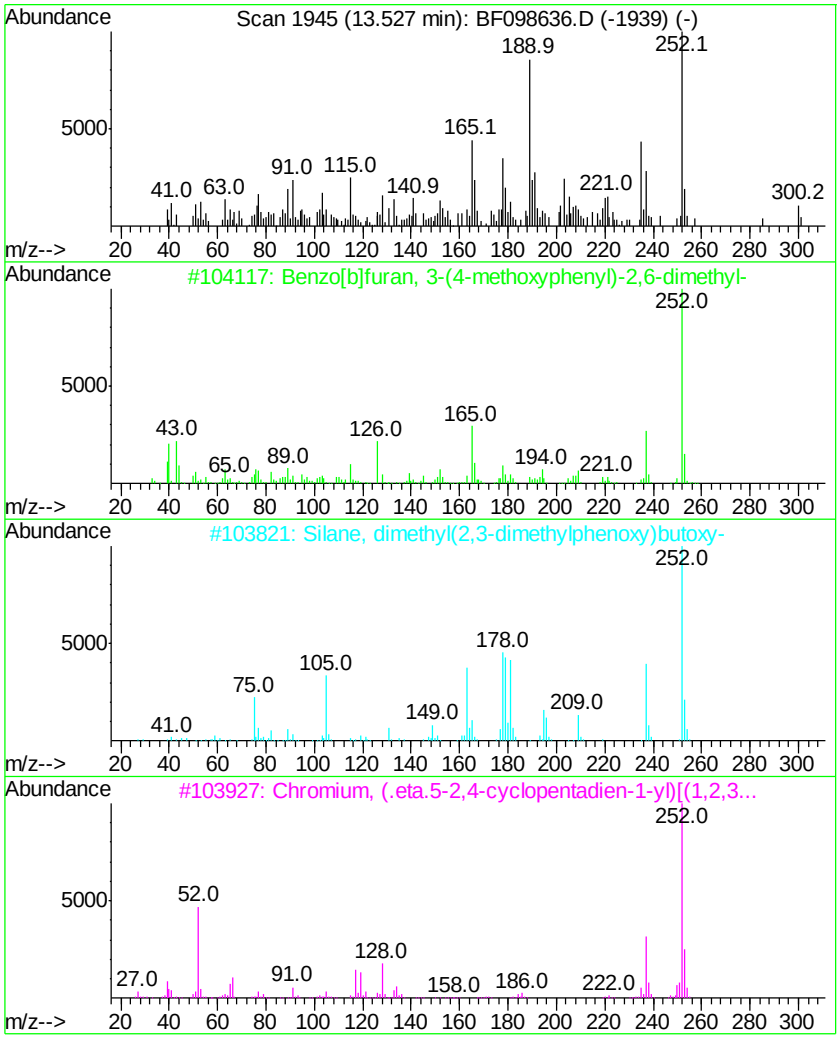
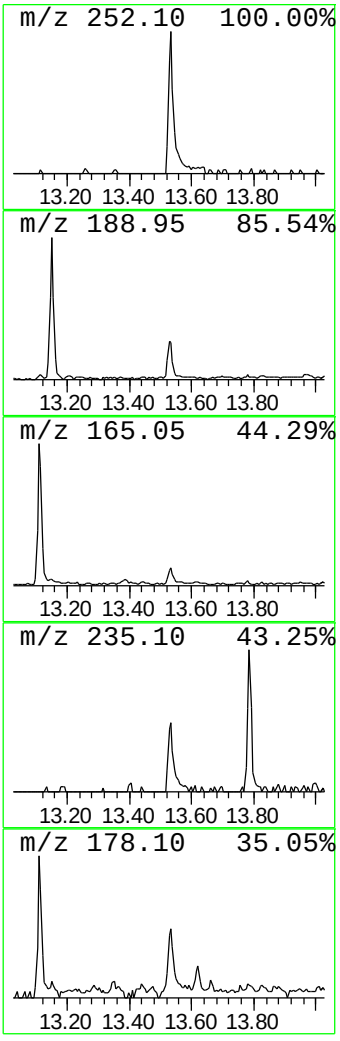
Peak Number 9 Benzo[b]furan, 3-(4-methoxy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	6.89 ng	260102	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]furan, 3-(4-methoxyphenyl...	252	C17H16O2	074228-98-1	64
2	Silane, dimethyl(2,3-dimethylphe...	252	C14H24O2Si	1000347-44-1	46
3	Chromium, (.eta.5-2,4-cyclopenta...	252	C15H20Cr	135162-31-1	46
4	Benzo[b]naphtho[2,3-d]thiophene,...	252	C17H16S	024964-06-5	45
5	1H-Pyrrolo[2,3-g]quinoline, 1,2,...	252	C17H20N2	1000338-03-4	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098636.D
Acq On : 19 Sep 2017 7:50
Operator : SJ/JU
Sample : I5265-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-28D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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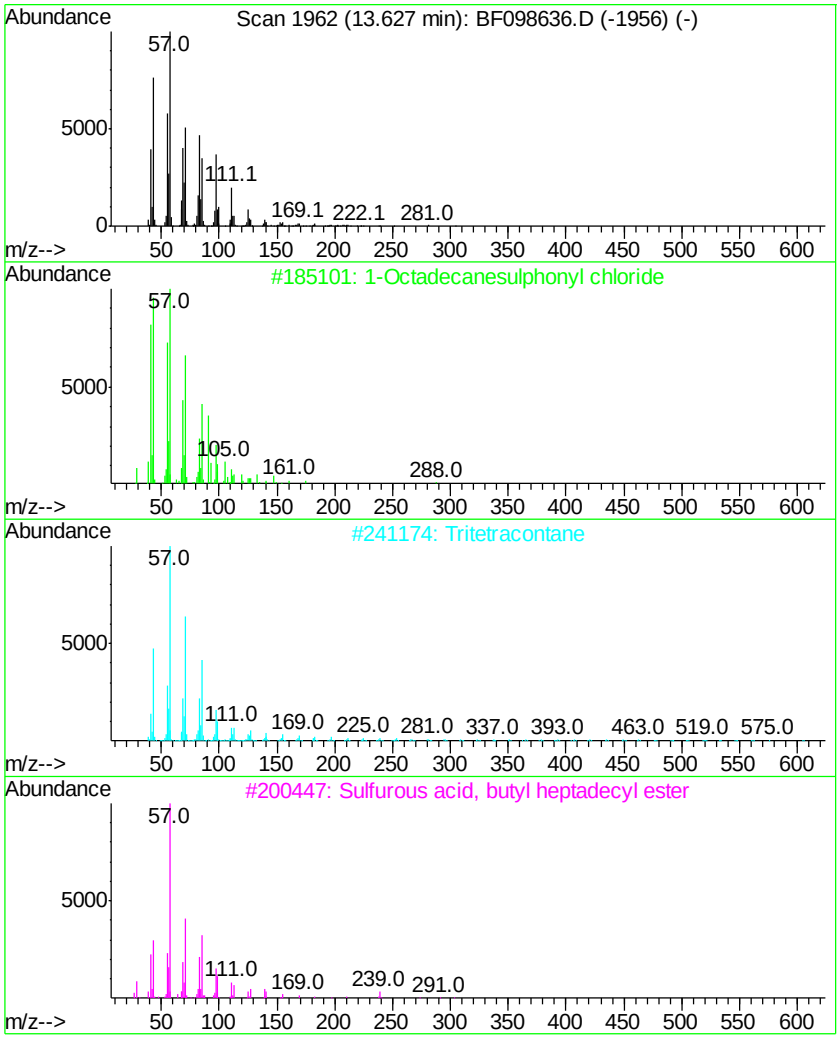
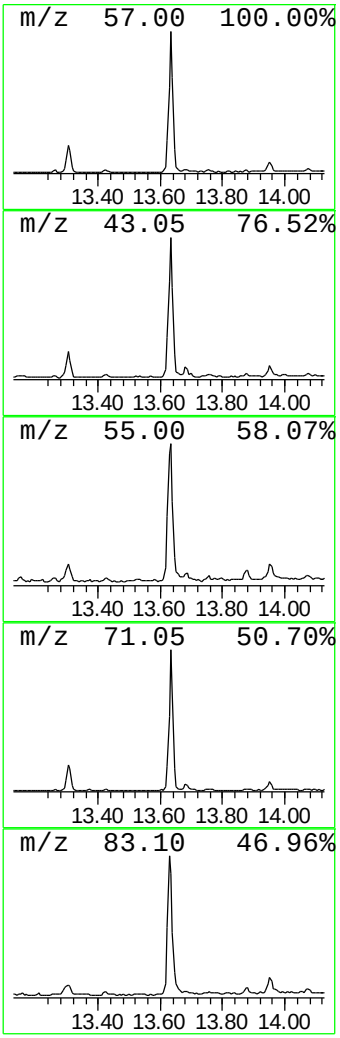
Peak Number 10 1-Octadecanesulphonyl chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	36.77 ng	1388670	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	91
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91





Library Search Compound Report

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Data File : BF098636.D
Acq On : 19 Sep 2017 7:50
Operator : SJ/JU
Sample : I5265-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-28D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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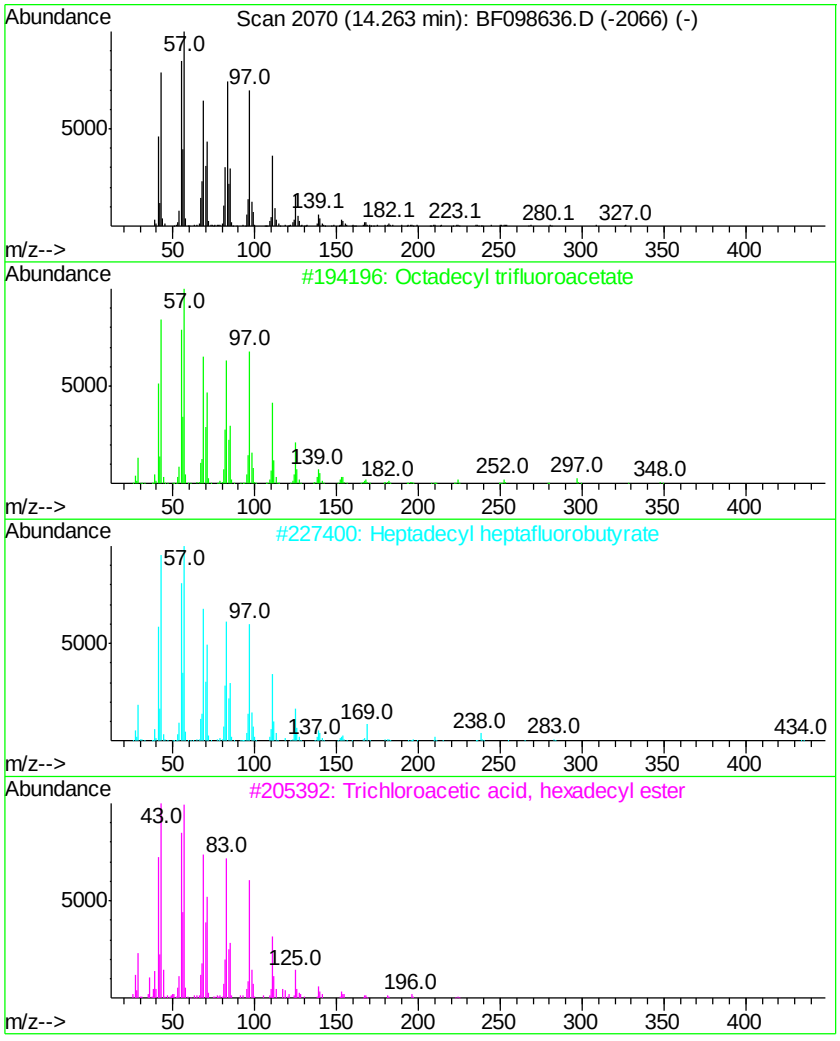
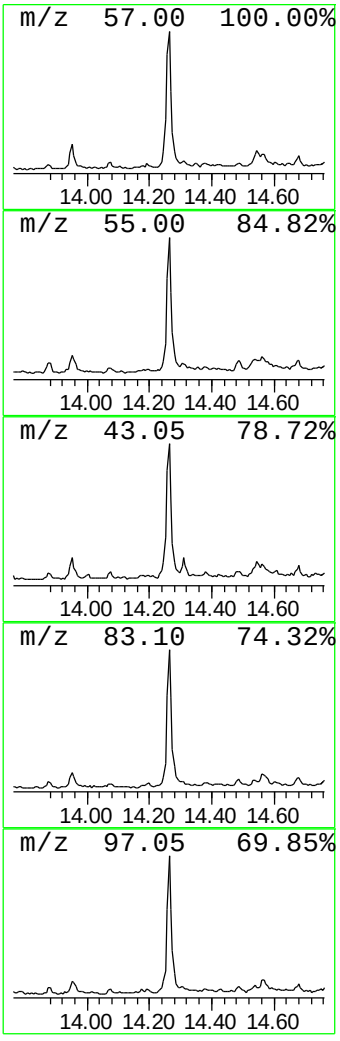
Peak Number 11 Octadecyl trifluoroacetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	24.10 ng	910233	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098636.D
Acq On : 19 Sep 2017 7:50
Operator : SJ/JU
Sample : I5265-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-28D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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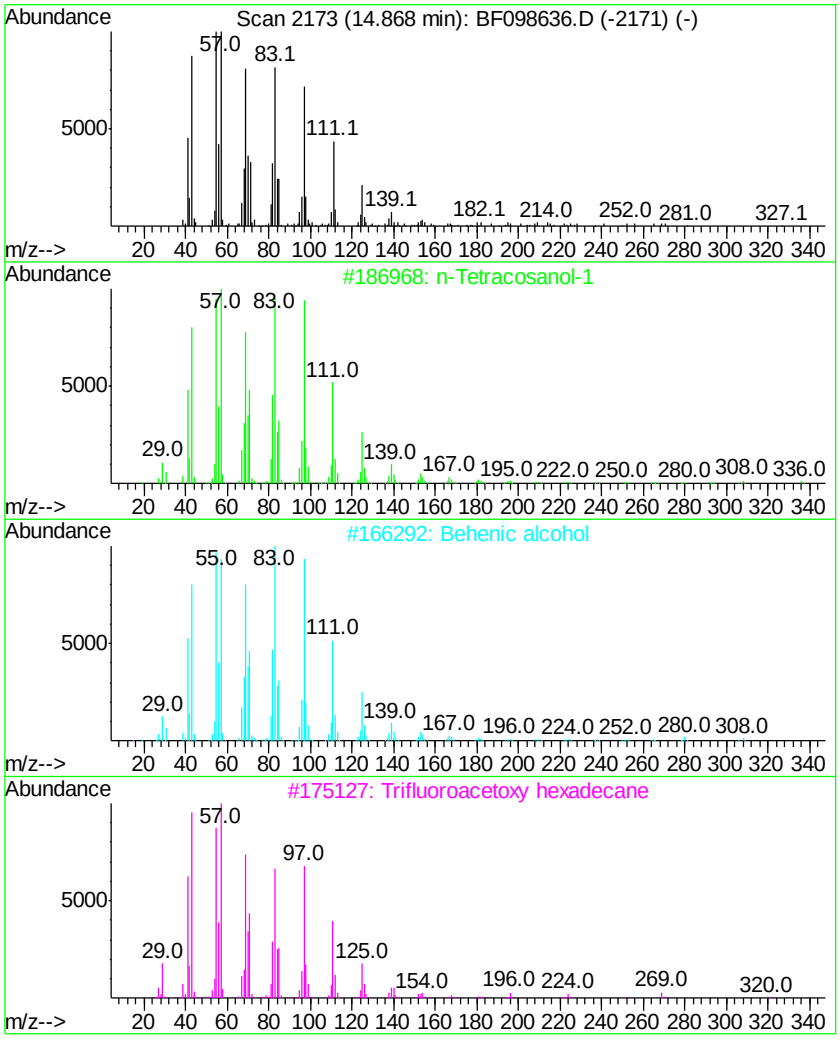
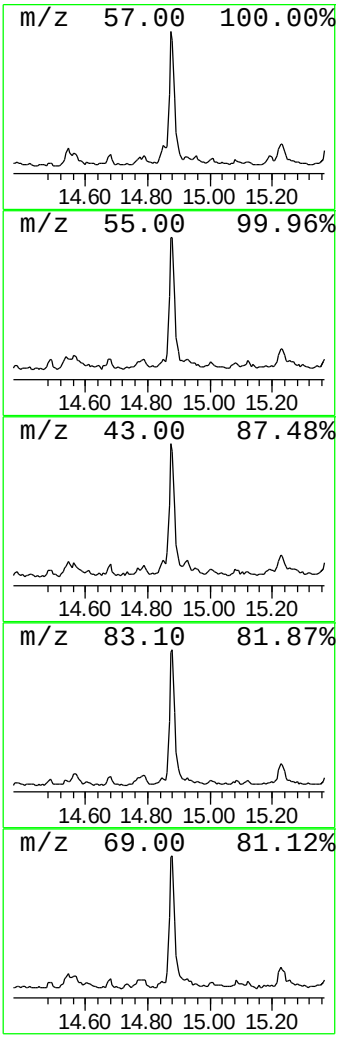
Peak Number 13 n-Tetracosanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	24.04 ng	840441	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





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Data File : BF098636.D
Acq On : 19 Sep 2017 7:50
Operator : SJ/JU
Sample : I5265-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-28D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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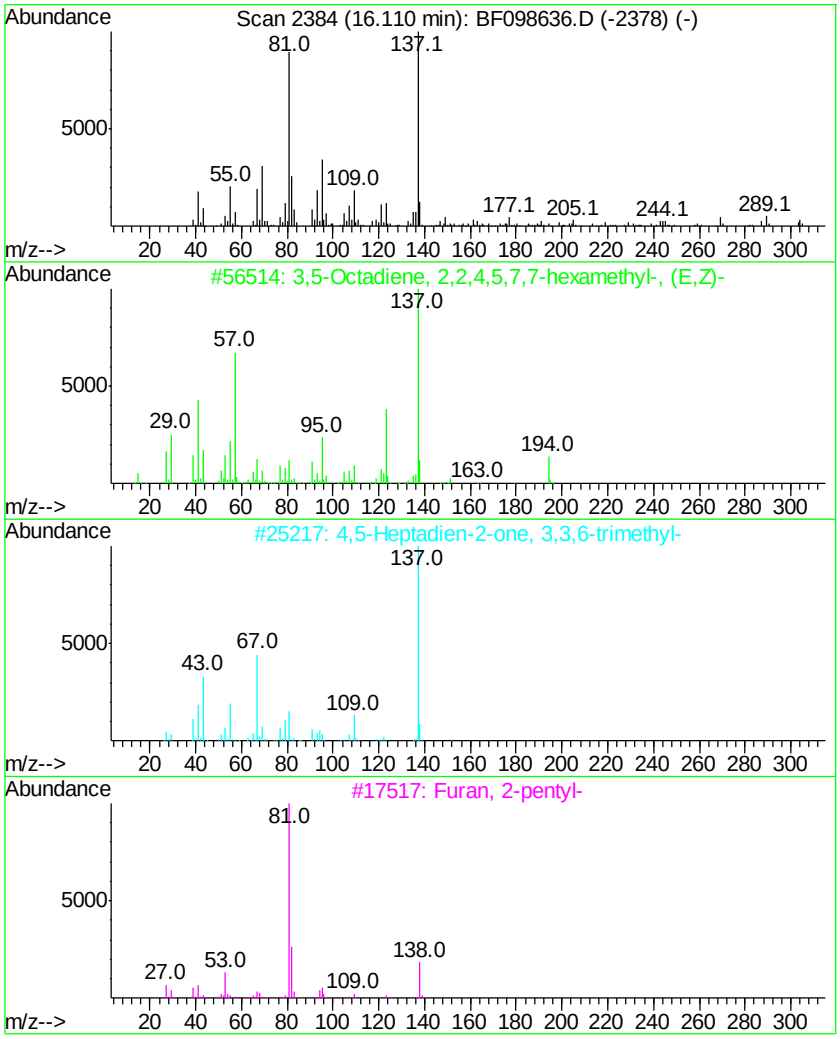
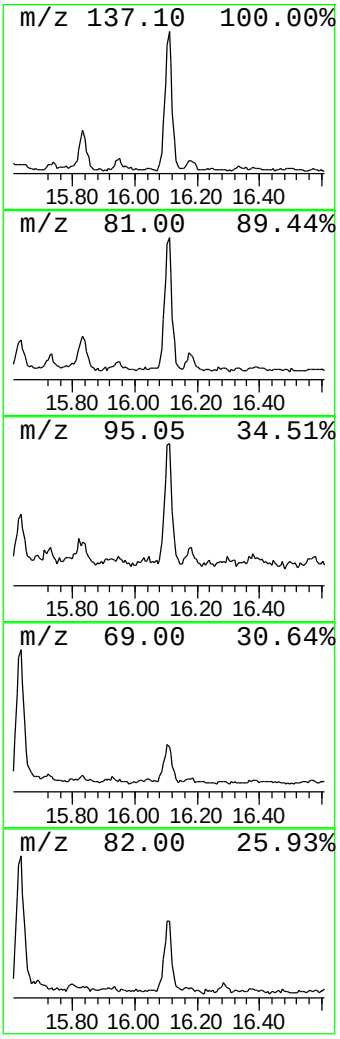
Peak Number 15 unknown16.11 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	16.55 ng	578459	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Octadiene, 2,2,4,5,7,7-hexam...	194	C14H26	055712-52-2	43
2	4,5-Heptadien-2-one, 3,3,6-trime...	152	C10H16O	081250-41-1	35
3	Furan, 2-pentyl-	138	C9H14O	003777-69-3	35
4	1-Dimethyl(phenyl)silyloxy-10-un...	304	C19H32OSi	350694-04-1	30
5	2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098636.D
Acq On : 19 Sep 2017 7:50
Operator : SJ/JU
Sample : I5265-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-28D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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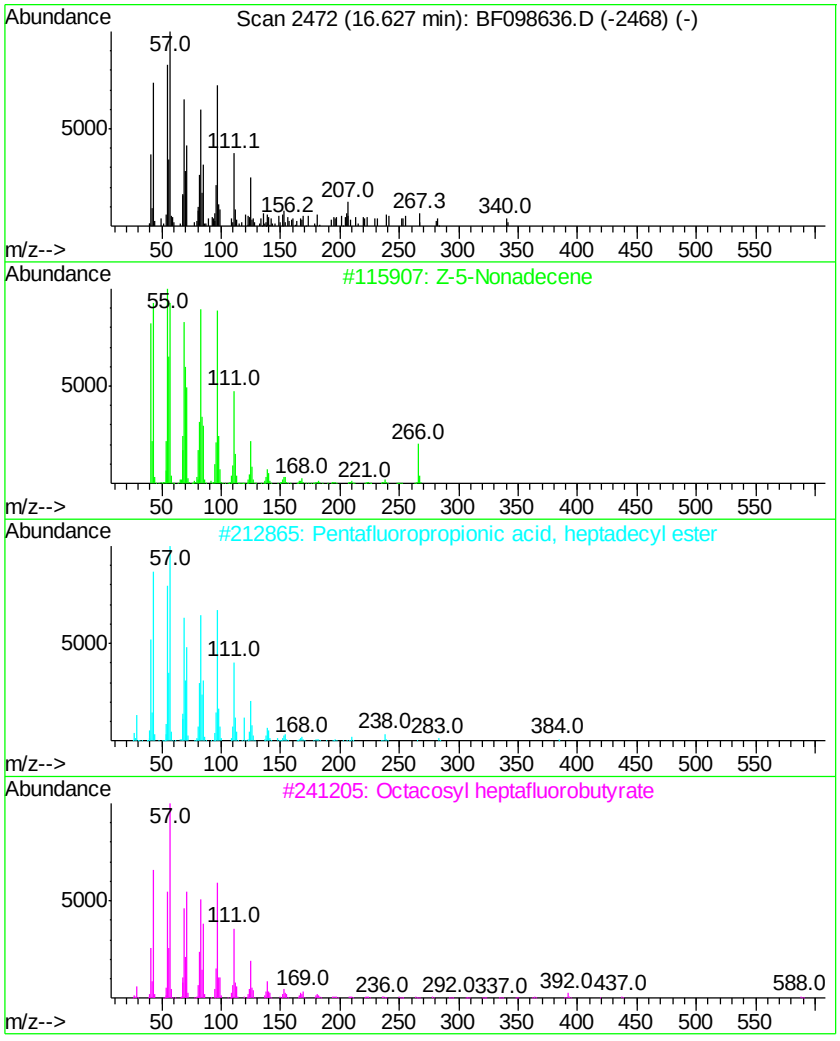
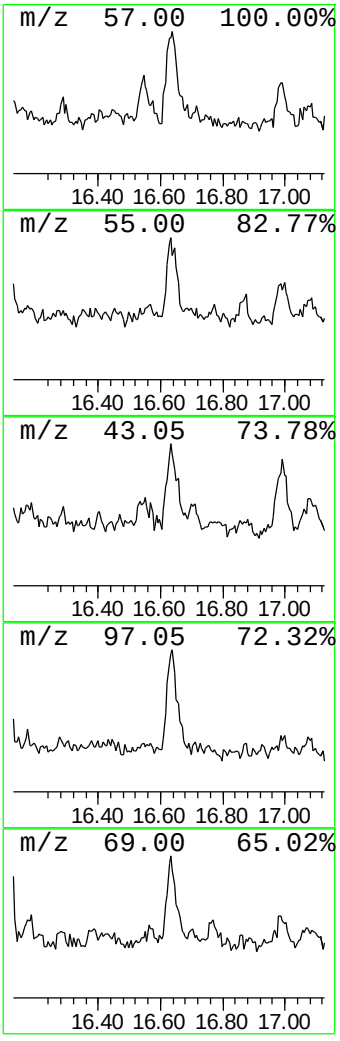
Peak Number 16 Z-5-Nonadecene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	5.81 ng	203092	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	86
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	83
3	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	83
4	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	83
5	2-Methyl-E-7-octadecene	266	C19H38	1000130-92-3	74





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Data File : BF098636.D
Acq On : 19 Sep 2017 7:50
Operator : SJ/JU
Sample : I5265-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-28D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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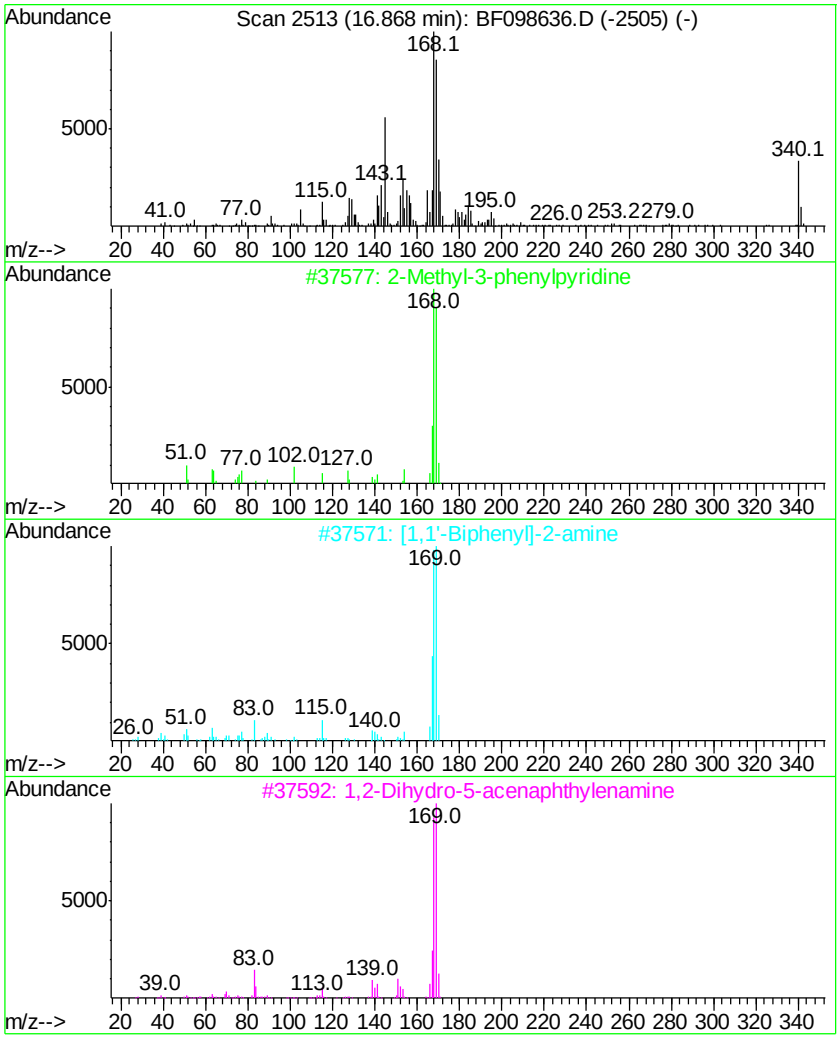
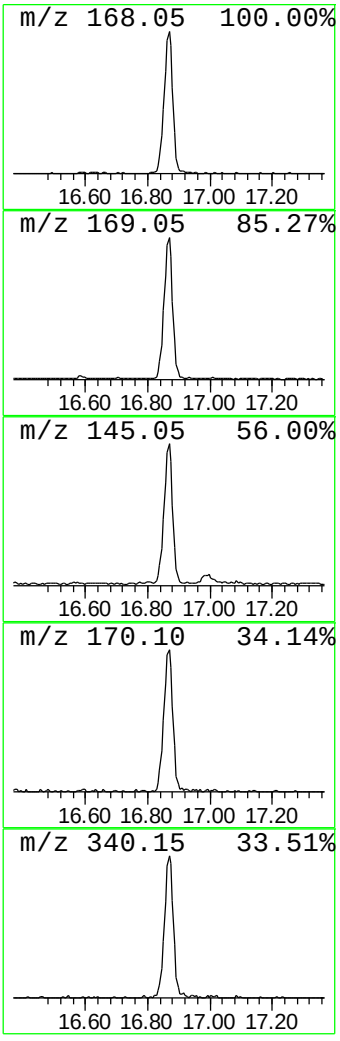
Peak Number 17 unknown16.87 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	35.03 ng	1224550	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-phenylpyridine	169	C12H11N	003256-89-1	43
2	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	43
3	1,2-Dihydro-5-acenaphthylenamine	169	C12H11N	004657-93-6	37
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	25
5	Pheniramine	240	C16H20N2	000086-21-5	22





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Acq On : 19 Sep 2017 7:50
Operator : SJ/JU
Sample : I5265-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-28D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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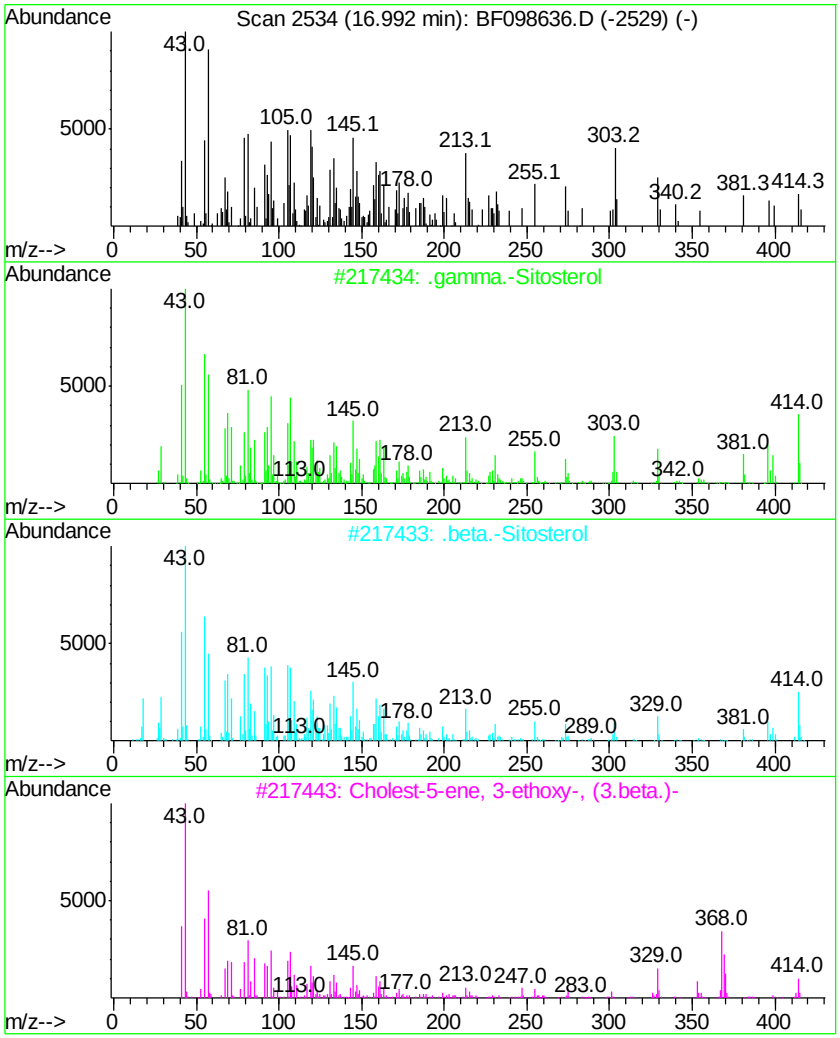
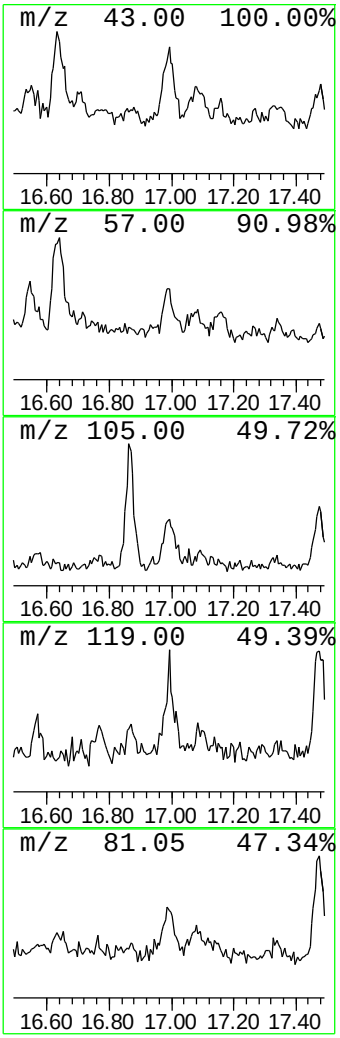
Peak Number 18 .gamma.-Sitosterol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	7.01 ng	245090	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	97
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	92
3	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	64
4	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	35
5	5-Pregnen-3.beta.-ol-20-one, met...	330	C22H34O2	1000364-94-5	32





Library Search Compound Report

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Operator : SJ/JU
Sample : I5265-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-28D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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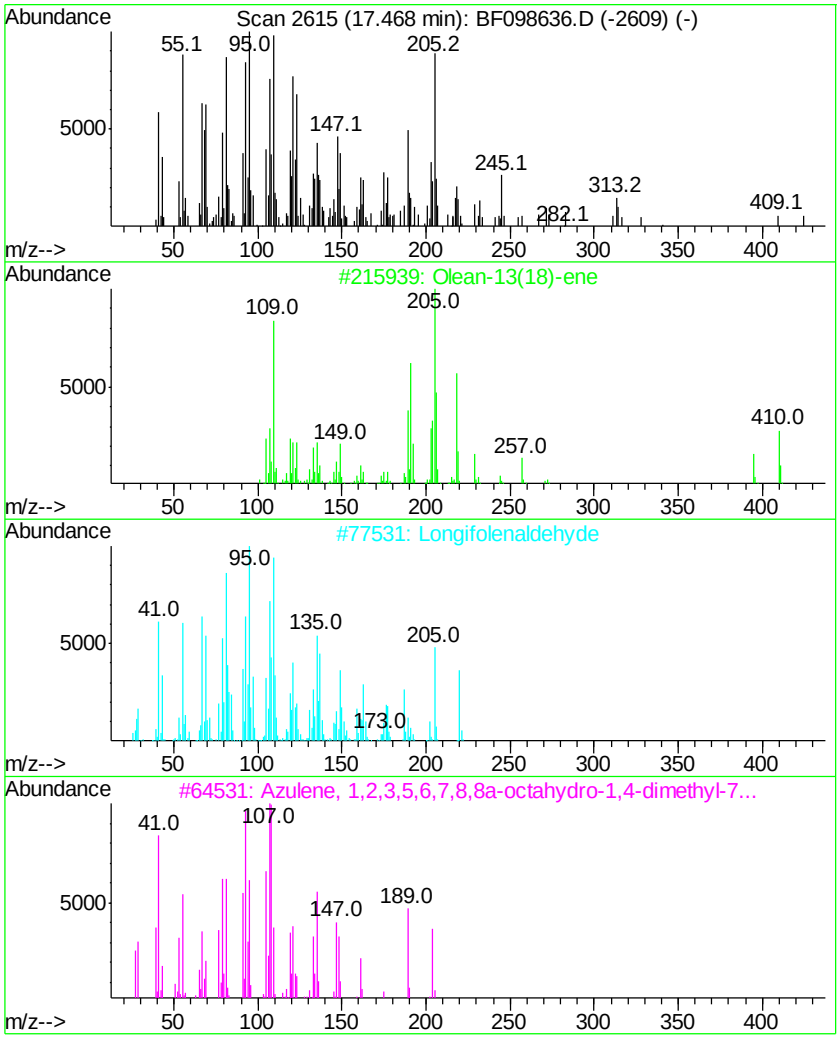
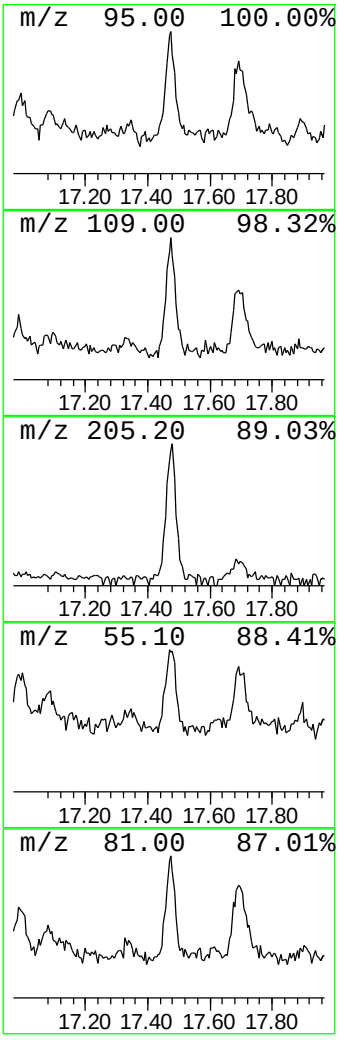
Peak Number 19 unknown17.47 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	11.80 ng	412649	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Olean-13(18)-ene	410	C30H50	003399-27-7	49
2	Longifolenaldehyde	220	C15H24O	019890-84-7	43
3	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	30
4	.alpha.-Bulnesene	204	C15H24	1000374-19-9	30
5	1-Propyl-2,2-bis(phenylthio)cycl...	314	C19H22S2	122732-89-2	25





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Operator : SJ/JU
Sample : I5265-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-28D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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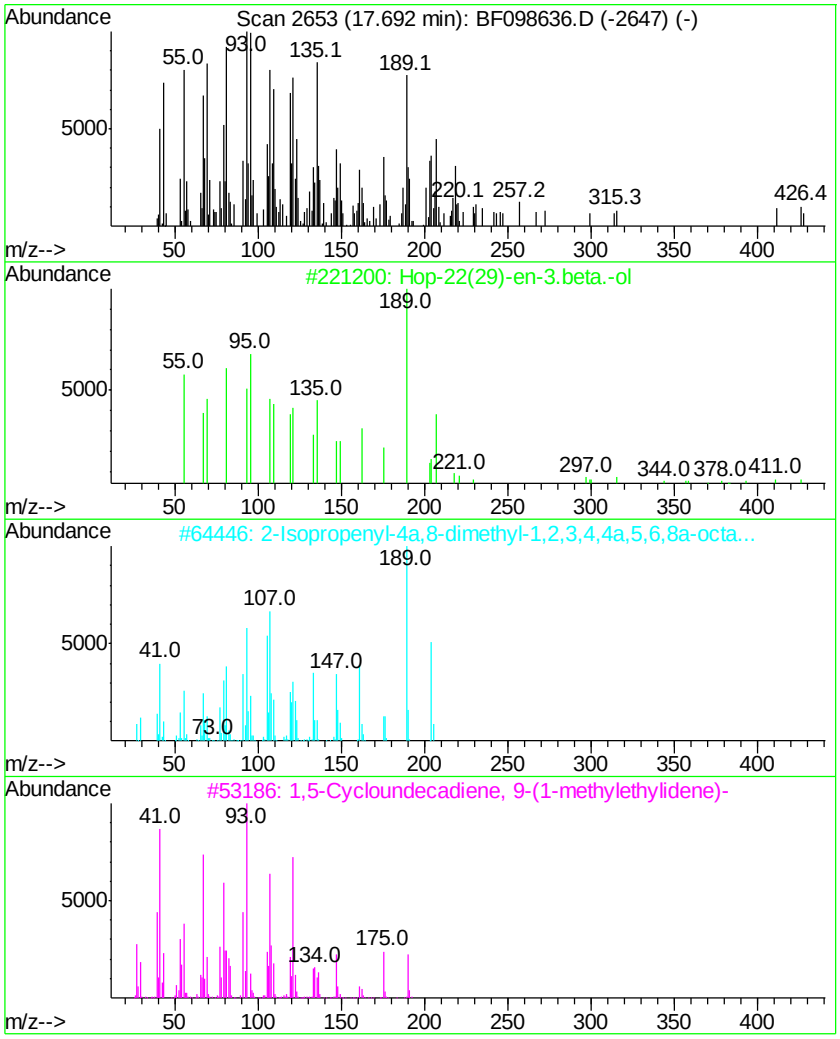
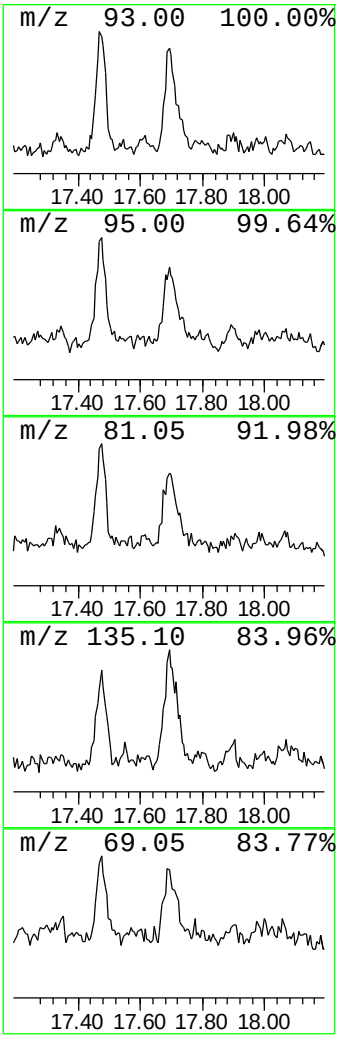
Peak Number 20 Hop-22(29)-en-3.beta.-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	11.19 ng	391263	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	89
2	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	81
3	1,5-Cycloundecadiene, 9-(1-methy...	190	C14H22	062338-55-0	70
4	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	47
5	Benzene, 1-(1,1-dimethylethyl)-4...	204	C14H20O	054932-87-5	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098636.D
Acq On : 19 Sep 2017 7:50
Operator : SJ/JU
Sample : I5265-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-28D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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
2-Pentanone, 4-hy...	4.82	9.1	ng	353589	1	6.63	773947	20.0
unknown6.41	6.41	84.2	ng	3259540	1	6.63	773947	20.0
18-Norabietane	12.00	6.4	ng	300591	4	11.15	936063	20.0
Dodecane, 2-methy...	12.25	69.4	ng	3246380	4	11.15	936063	20.0
Octadecane	12.61	13.9	ng	525203	5	13.79	755376	20.0
Acridin-9-amine, ...	13.11	18.0	ng	681452	5	13.79	755376	20.0
Benzo[b]furan, 3-...	13.53	6.9	ng	260102	5	13.79	755376	20.0
1-Octadecanesulph...	13.63	36.8	ng	1388670	5	13.79	755376	20.0
Octadecyl trifluo...	14.26	24.1	ng	910233	5	13.79	755376	20.0
n-Tetracosanol-1	14.87	24.0	ng	840441	6	15.18	699114	20.0
unknown16.11	16.11	16.6	ng	578459	6	15.18	699114	20.0
Z-5-Nonadecene	16.63	5.8	ng	203092	6	15.18	699114	20.0
unknown16.87	16.87	35.0	ng	1224550	6	15.18	699114	20.0
.gamma.-Sitosterol	16.99	7.0	ng	245090	6	15.18	699114	20.0
unknown17.47	17.47	11.8	ng	412649	6	15.18	699114	20.0
Hop-22(29)-en-3.b...	17.69	11.2	ng	391263	6	15.18	699114	20.0