LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106355.D
Acq On : 12 Jun 2018 20:03
Operator : JU/SJ
Sample : J3419-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WJ-OLDCASTLE-2018-06-08

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-BF061118.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	5.207	484	488	497	rVB	240570	273158	10.06%	0.599%
2	5.595	550	554	558	rBV	2681560	2715425	100.00%	5.958%
3	6.254	664	666	669	rBV	49427	43015	1.58%	0.094%
4	6.595	719	724	727	rBV	2728709	2598296	95.69%	5.701%
5	6.678	734	738	743	rVB	99723	85732	3.16%	0.188%
6	6.742	745	749	752	rBV	2974023	2649072	97.56%	5.813%
7	6.972	785	788	792	rBV	1073791	855767	31.52%	1.878%
8	7.131	811	815	818	rVB	2658098	2294538	84.50%	5.035%
9	7.531	879	883	886	rBV	1755419	1621201	59.70%	3.557%
10	8.254	1002	1006	1009	rBV	1220020	945317	34.81%	2.074%
11	9.330	1185	1189	1192	rVB	2366145	2124293	78.23%	4.661%
12	9.466	1209	1212	1217	rVB	58849	49818	1.83%	0.109%
13	9.666	1238	1246	1250	rBV4	65552	105976	3.90%	0.233%
14	9.719	1252	1255	1260	rVB	487445	389952	14.36%	0.856%
15	9.925	1286	1290	1293	rBV2	98355	107984	3.98%	0.237%
16	10.013	1301	1305	1312	rVB	1090259	983410	36.22%	2.158%
17	10.125	1321	1324	1327	rBV	127404	113963	4.20%	0.250%
18	10.166	1327	1331	1333	rVB	60101	69466	2.56%	0.152%
19	10.277	1348	1350	1359	rVB6	23019	37010	1.36%	0.081%
20	10.430	1369	1376	1379	rVB2	89944	90914	3.35%	0.199%
21	10.483	1379	1385	1388	rBV4	69202	76197	2.81%	0.167%
22	10.530	1388	1393	1397	rVV4	28655	35556	1.31%	0.078%
23	10.736	1423	1428	1430	rBV5	32262	44171	1.63%	0.097%
24	10.760	1430	1432	1436	rVV2	124026	145874	5.37%	0.320%
25	10.801	1436	1439	1443	rVV	1740623	1607056	59.18%	3.526%
26	10.836	1443	1445	1449	rVB3	70003	63928	2.35%	0.140%
27	10.919	1454	1459	1462	rBV2	132847	184188	6.78%	0.404%
28	10.977	1467	1469	1475	rVV6	28672	31334	1.15%	0.069%
29	11.030	1475	1478	1480	rVV	98989	77335	2.85%	0.170%
30	11.089	1484	1488	1493	rBV3	36207	56270	2.07%	0.123%
31	11.148	1495	1498	1502	rVB	76612	63989	2.36%	0.140%
32	11.219	1507	1510	1512	rBV	38277	32962	1.21%	0.072%
33	11.283	1517	1521	1527	rVB2	46554	64250	2.37%	0.141%
34	11.507	1555	1559	1562	rBV	1095793	982356	36.18%	2.155%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3419-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WJ-OLDCASTLE-2018-06-08

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.542	1563	1565	1570	rVB	145527	122989	4.53%	0.270%
36	11.613	1574	1577	1579	rBV2	130199	109486	4.03%	0.240%
37	11.707	1590	1593	1596	rBV5	28553	39982	1.47%	0.088%
38	11.936	1627	1632	1637	rBV	205886	216545	7.97%	0.475%
39	11.983	1637	1640	1642	rBV	120715	105637	3.89%	0.232%
40	12.019	1642	1646	1649	rVV2	348632	402796	14.83%	0.884%
41	12.054	1649	1652	1656	rVV4	70181	92054	3.39%	0.202%
42	12.089	1656	1658	1662	rVB2	52895	50871	1.87%	0.112%
43	12.142	1665	1667	1670	rVB3	42363	35885	1.32%	0.079%
44	12.177	1670	1673	1674	rBV3	52433	48199	1.78%	0.106%
45	12.201	1674	1677	1681	rBV3	154930	147379	5.43%	0.323%
46	12.289	1688	1692	1696	rVB3	51454	76530	2.82%	0.168%
47	12.360	1701	1704	1707	rBV2	224090	213922	7.88%	0.469%
48	12.389	1707	1709	1712	rVB2	48197	37676	1.39%	0.083%
49	12.424	1712	1715	1717	rBV3	53401	63219	2.33%	0.139%
50	12.448	1717	1719	1721	rVV	79589	56925	2.10%	0.125%
51	12.477	1721	1724	1728	rVV4	48784	43210	1.59%	0.095%
52	12.577	1737	1741	1742	rBV2	74380	81503	3.00%	0.179%
53	12.595	1742	1744	1747	rVB	124166	101786	3.75%	0.223%
54	12.630	1747	1750	1753	rVB	170318	173123	6.38%	0.380%
55	12.671	1755	1757	1761	rVB	47397	43239	1.59%	0.095%
56	12.719	1761	1765	1768	rBV	117397	139993	5.16%	0.307%
57	12.754	1768	1771	1775	rVV	268363	259336	9.55%	0.569%
58	12.807	1777	1780	1783	rBV4	32120	38117	1.40%	0.084%
59	12.913	1796	1798	1802	rVB4	98992	85944	3.17%	0.189%
60	12.948	1802	1804	1810	rBV	100127	111409	4.10%	0.244%
61	13.030	1816	1818	1821	rBV	224604	207492	7.64%	0.455%
62	13.060	1821	1823	1825	rVV	210133	201104	7.41%	0.441%
63	13.089	1825	1828	1831	rVB	2927648	2530054	93.17%	5.551%
64	13.177	1840	1843	1847	rBV3	116327	128089	4.72%	0.281%
65	13.224	1849	1851	1854	rVB	63347	48326	1.78%	0.106%
66	13.277	1857	1860	1863	rVV3	186715	206872	7.62%	0.454%
67	13.336	1867	1870	1873	rBV3	49111	69905	2.57%	0.153%
68	13.377	1874	1877	1878	rVV2	96670	92572	3.41%	0.203%
69	13.395	1878	1880	1886	rVB6	111368	122205	4.50%	0.268%
70	13.489	1893	1896	1898	rBV3	127584	165708	6.10%	0.364%
71	13.518	1898	1901	1904	rVV2	386502	445438	16.40%	0.977%

LSC Area Percent Report

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Sample : J3419-01
Misc :
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Instrument : BNA_F
ClientSampleId : WJ-OLDCASTLE-2018-06-08

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	13.548	1904	1906	1910	rVV3	121837	183645	6.76%	0.403%
73	13.589	1910	1913	1918	rVB	350079	369594	13.61%	0.811%
74	13.730	1935	1937	1939	rBV3	55085	46893	1.73%	0.103%
75	13.771	1941	1944	1949	rVV2	81398	109056	4.02%	0.239%
76	13.971	1975	1978	1982	rBV	1334611	1186556	43.70%	2.604%
77	14.071	1993	1995	1998	rVB	74656	56607	2.08%	0.124%
78	14.107	1998	2001	2002	rBV3	60796	63608	2.34%	0.140%
79	14.154	2005	2009	2013	rBV	1366162	1298729	47.83%	2.850%
80	14.301	2031	2034	2037	rBV	140911	123434	4.55%	0.271%
81	14.401	2048	2051	2053	rBV	87431	68625	2.53%	0.151%
82	14.430	2053	2056	2059	rBV2	161560	133602	4.92%	0.293%
83	14.624	2085	2089	2096	rVV	1157131	1236835	45.55%	2.714%
84	14.677	2096	2098	2101	rVB2	99884	80125	2.95%	0.176%
85	15.024	2153	2157	2161	rVB	517604	553382	20.38%	1.214%
86	15.095	2167	2169	2175	rVB3	106400	134687	4.96%	0.296%
87	15.301	2200	2204	2206	rBV	758108	882429	32.50%	1.936%
88	15.324	2206	2208	2212	rVV	489334	563657	20.76%	1.237%
89	15.389	2216	2219	2223	rVB	155821	158606	5.84%	0.348%
90	15.695	2267	2271	2276	rBV2	729324	949314	34.96%	2.083%
91	16.177	2348	2353	2357	rBV	472241	693407	25.54%	1.521%
92	16.224	2357	2361	2370	rVB	476509	715679	26.36%	1.570%
93	16.312	2371	2376	2379	rBV2	154873	241075	8.88%	0.529%
94	16.471	2399	2403	2415	rVB	264824	462788	17.04%	1.015%
95	17.565	2585	2589	2594	rVB4	112995	204738	7.54%	0.449%
96	17.895	2638	2645	2651	rBV2	651500	1652056	60.84%	3.625%
97	18.000	2656	2663	2672	rVB2	1019036	2482486	91.42%	5.447%
98	18.259	2700	2707	2714	rBV3	447161	1096942	40.40%	2.407%
99	18.400	2724	2731	2737	rBV2	255963	669044	24.64%	1.468%
100	18.771	2789	2794	2797	rBV4	213680	422194	15.55%	0.926%

Sum of corrected areas: 45575086

LSC Report - Integrated Chromatogram

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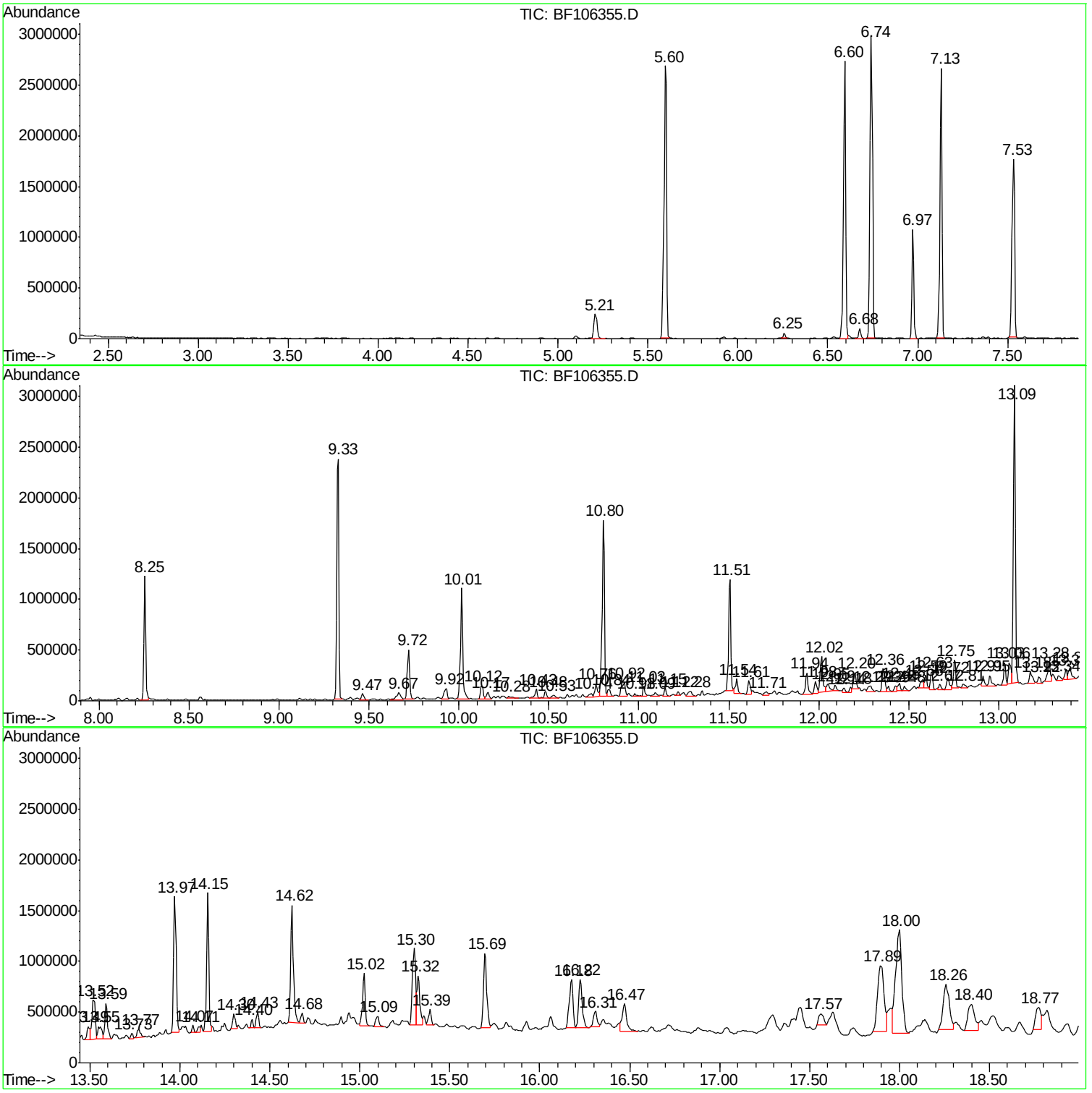
Data File : BF106355.D
Acq On : 12 Jun 2018 20:03
Operator : JU/SJ
Sample : J3419-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WJ-OLDCASTLE-2018-06-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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\BF061218\
Data File : BF106355.D
Acq On : 12 Jun 2018 20:03
Operator : JU/SJ
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Instrument :
BNA_F
ClientSampleId :
WJ-OLDCASTLE-2018-06-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

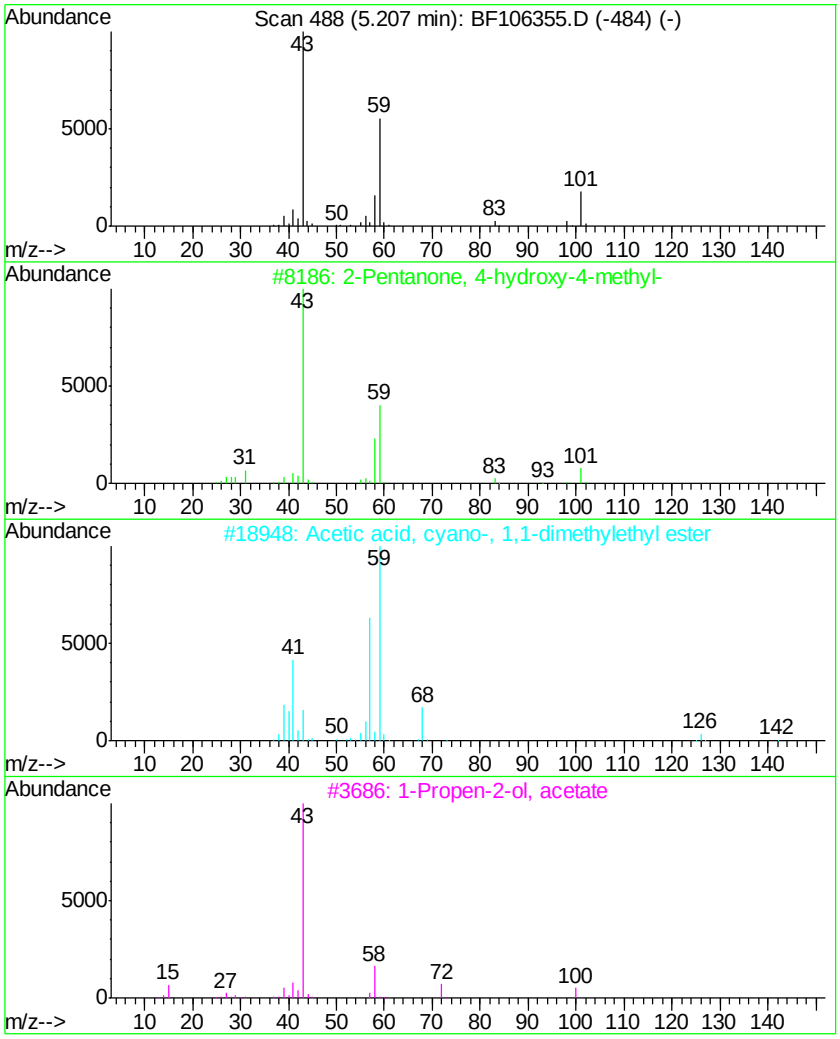
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

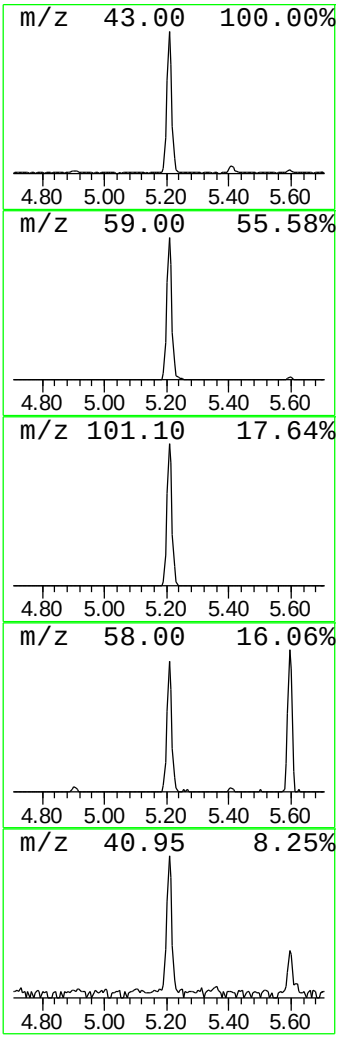
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	6.38 ng	273158	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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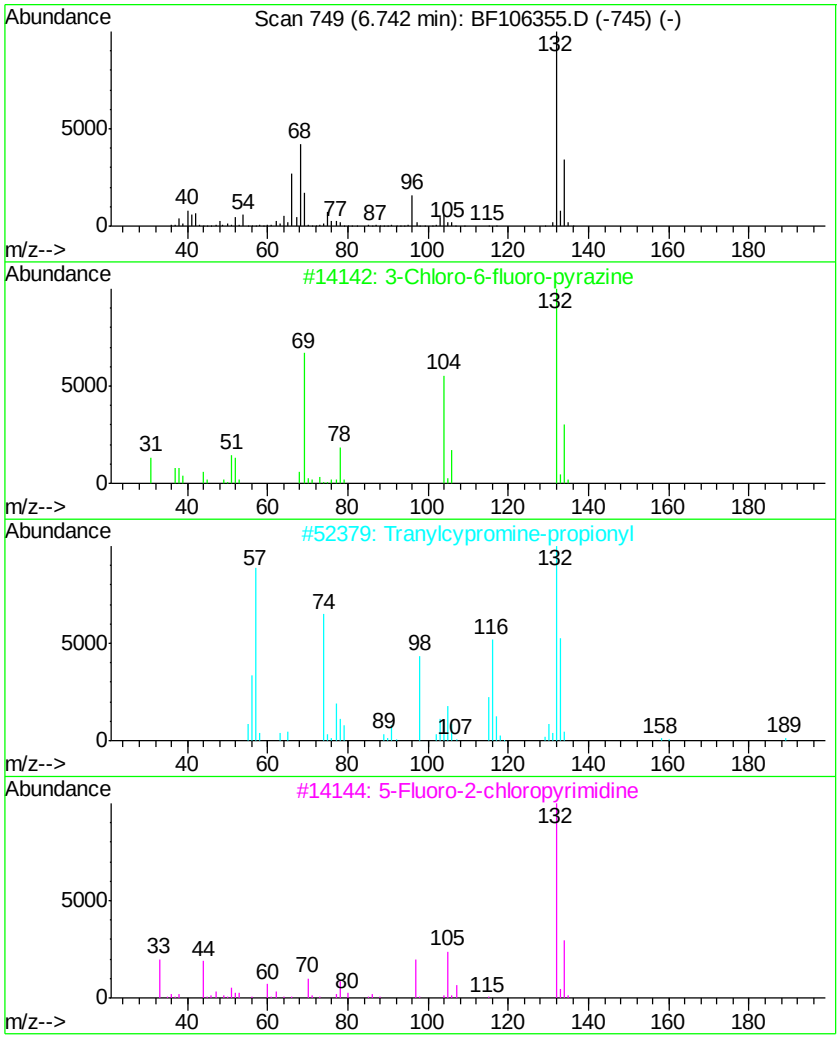
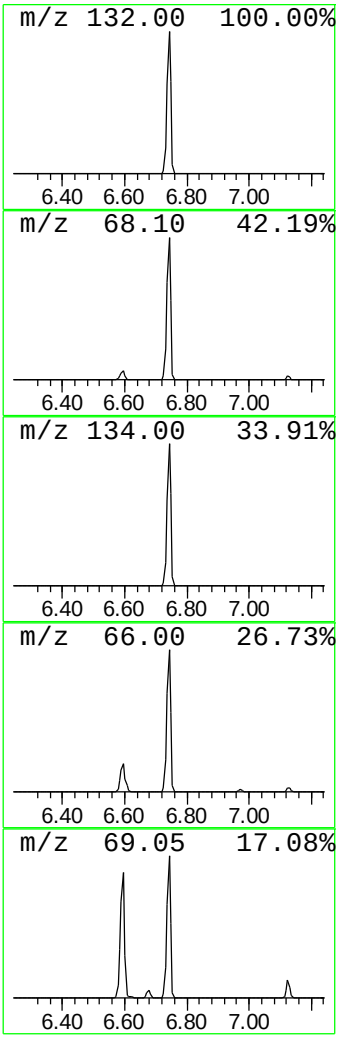
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	61.91 ng	2649070	1,4-Dichlorobenzene-d4	6.97

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	10
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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TIC Library : C:\DATABASE\NIST11.L
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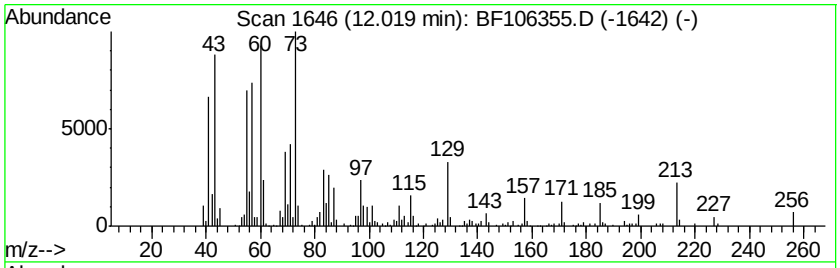
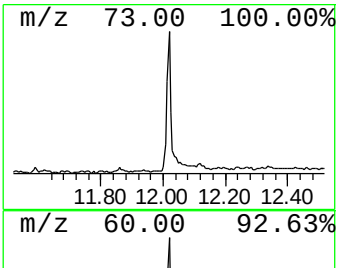
Peak Number 4 Tridecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	8.20 ng	402796	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	20





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Instrument : BNA_F
ClientSampleId : WJ-OLDCASTLE-2018-06-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

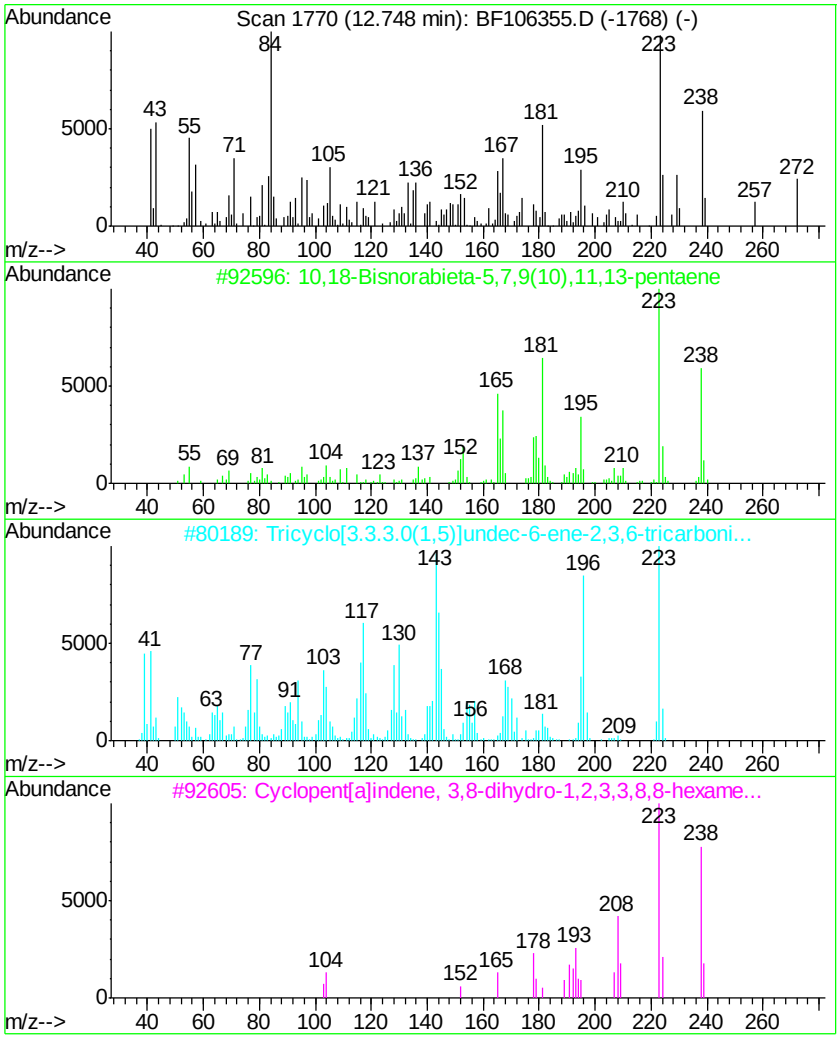
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

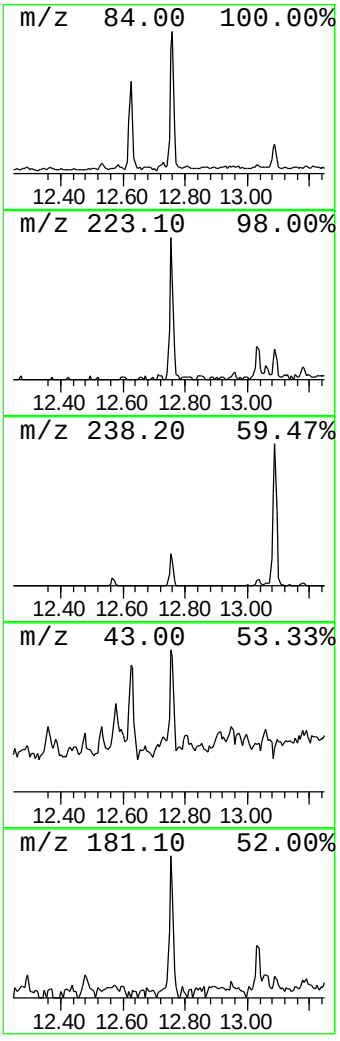
****

Peak Number 5 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	5.28 ng	259336	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	64
2	Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	56
3	Cyclopent[a]indene, 3,8-dihydro-...	238	C18H22	017384-72-4	41
4	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	30
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	25





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Data File : BF106355.D
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Misc :
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Instrument : BNA_F
ClientSampleId : WJ-OLDCASTLE-2018-06-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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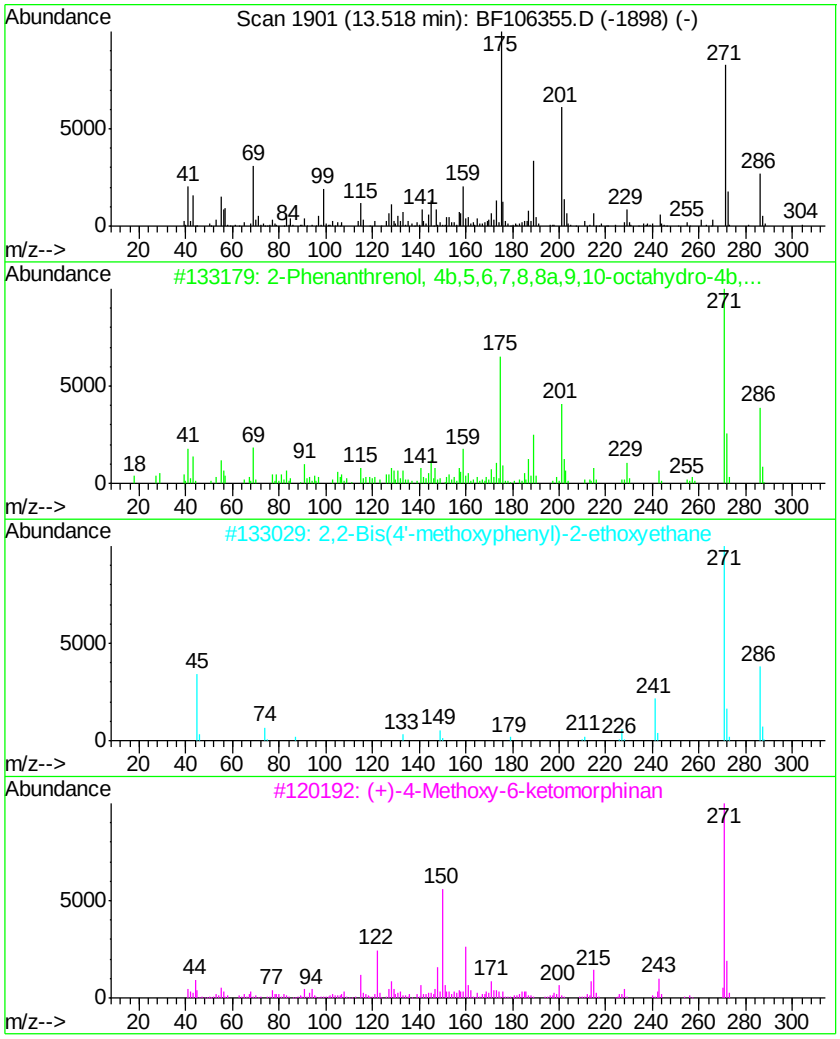
TIC Integration Parameters: LSCINT.P

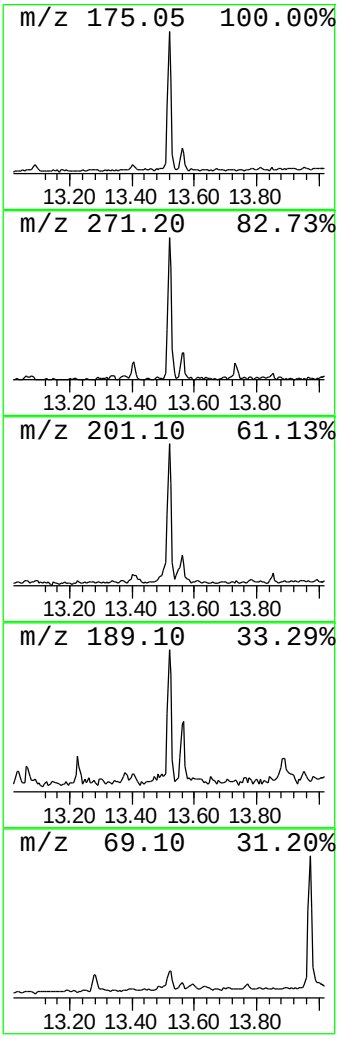
****

Peak Number 6 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	6.86 ng	445438	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	96
2	2,2-Bis(4'-methoxyphenyl)-2-etho...	286	C18H22O3	1000283-53-7	22
3	(+)-4-Methoxy-6-ketomorphinan	271	C17H21NO2	1000129-08-5	14
4	(-)-Morphinan-6-one, 4-methoxy-	271	C17H21NO2	1000129-09-1	14
5	Crinan-1-one	271	C16H17NO3	098301-98-5	14





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Acq On : 12 Jun 2018 20:03
Operator : JU/SJ
Sample : J3419-01
Misc :
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Instrument : BNA_F
ClientSampleId : WJ-OLDCASTLE-2018-06-08

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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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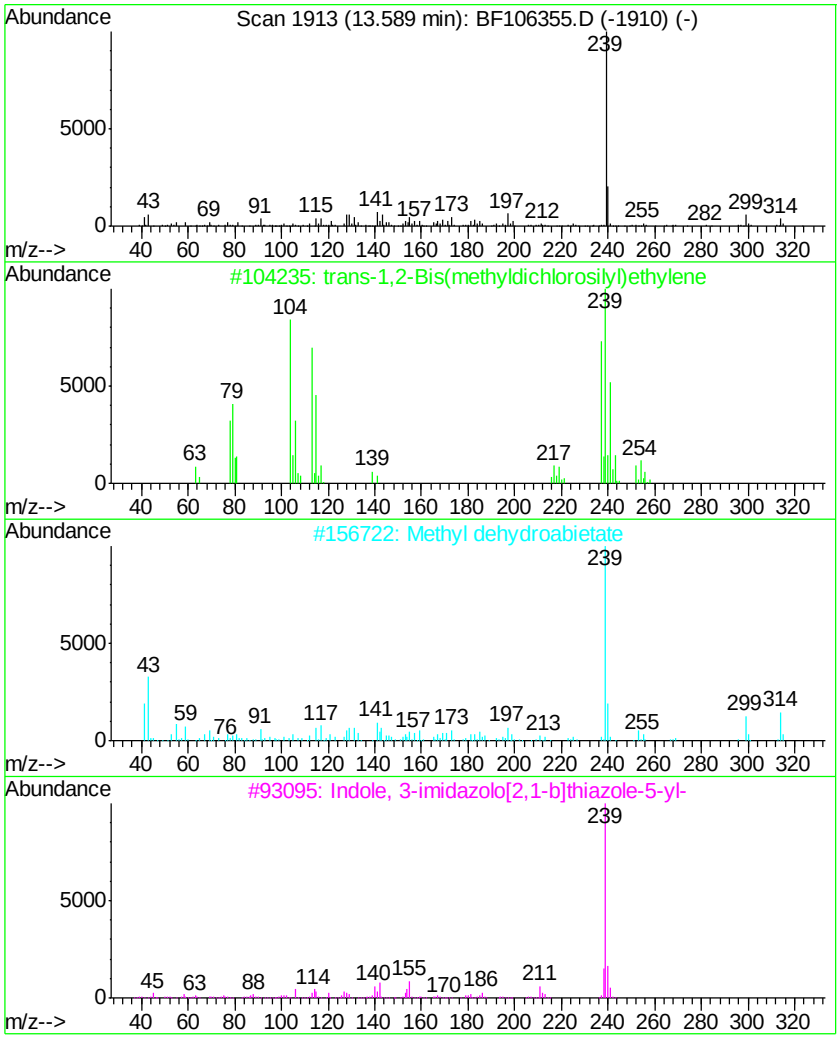
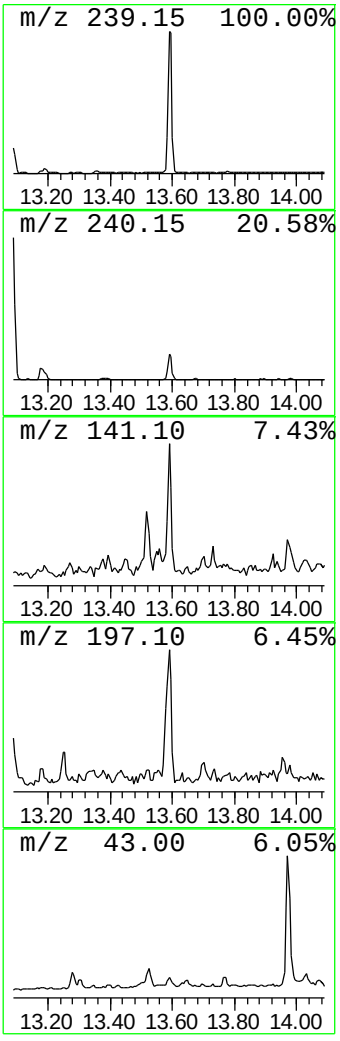
Peak Number 7 trans-1,2-Bis(methyldichlor... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	5.69 ng	369594	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Bis(methyldichlorosilv...	252	C4H8Cl4Si2	065899-10-7	91
2	Methyl dehydroabietate	314	C21H30O2	001235-74-1	70
3	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	64
4	Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	64
5	Cobalt, (.eta.5-2,4-cyclopentadi...	239	C14H12Co	088242-61-9	45





Library Search Compound Report

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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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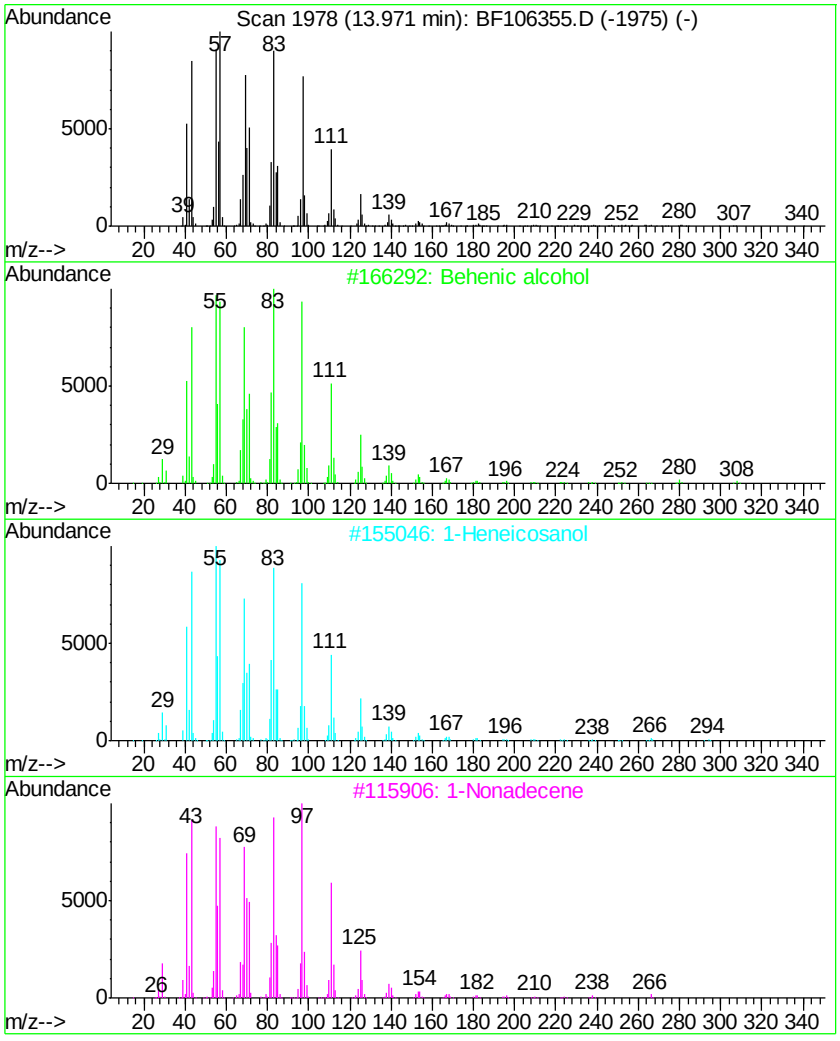
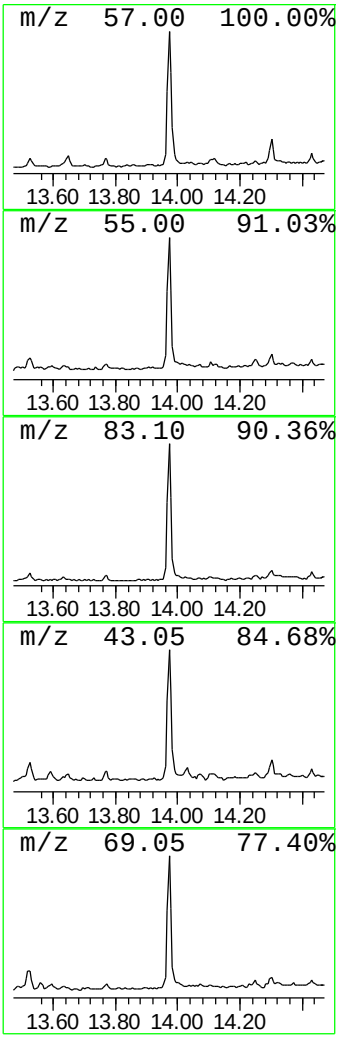
Peak Number 8 Behenic alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	18.27 ng	1186560	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





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ClientSampleId : WJ-OLDCASTLE-2018-06-08

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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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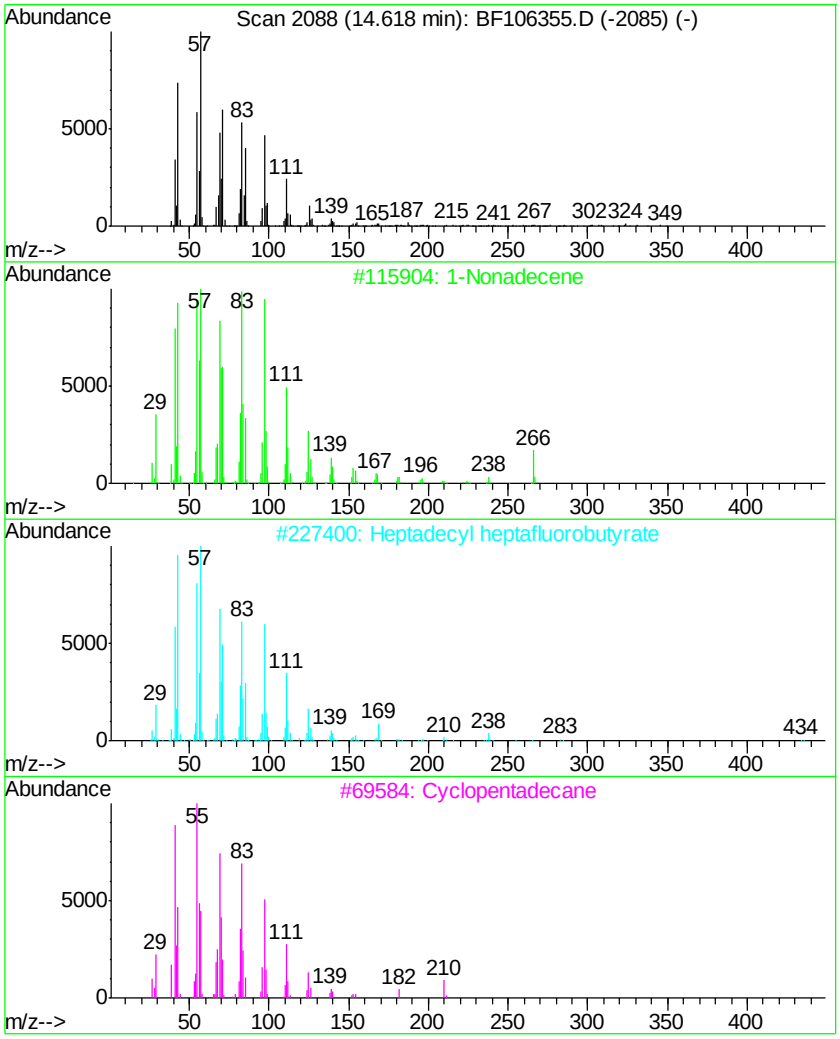
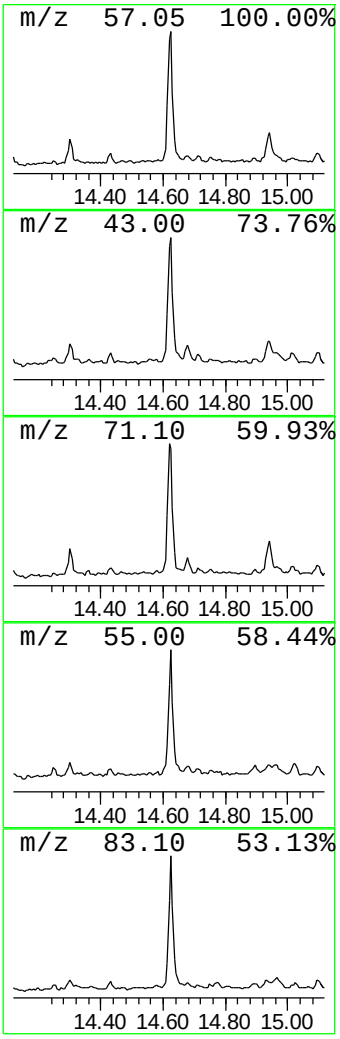
Peak Number 9 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	19.05 ng	1236840	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





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Operator : JU/SJ
Sample : J3419-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WJ-OLDCASTLE-2018-06-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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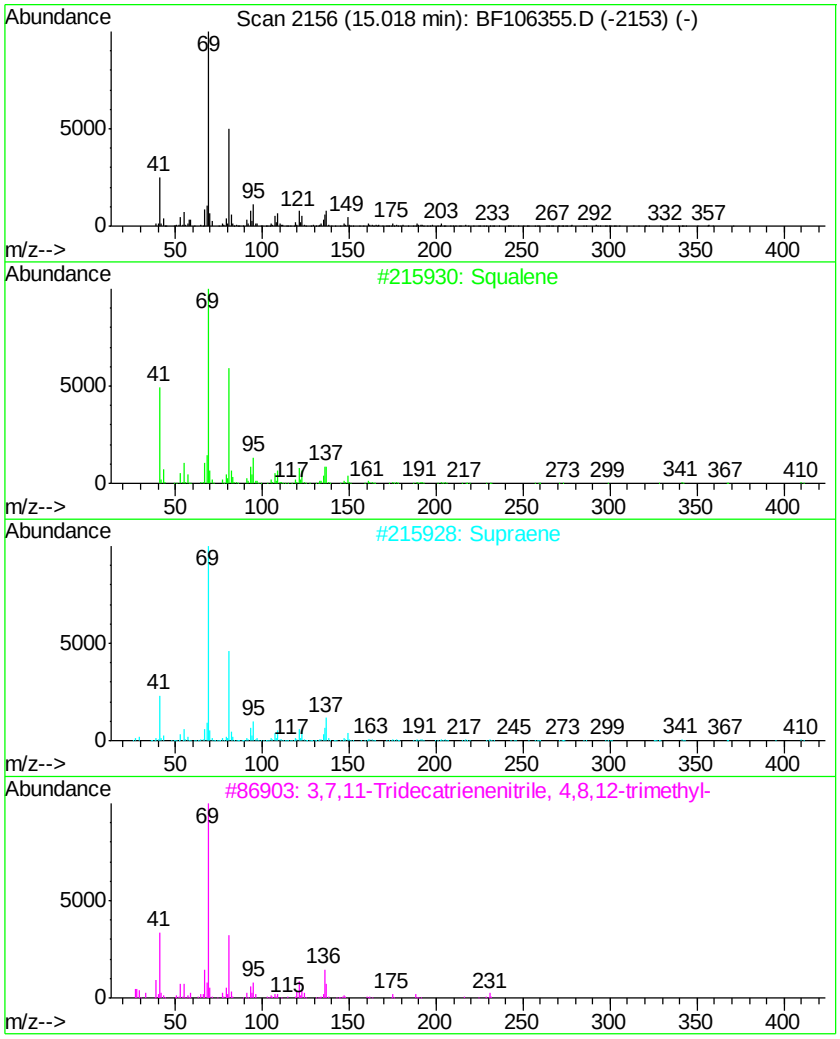
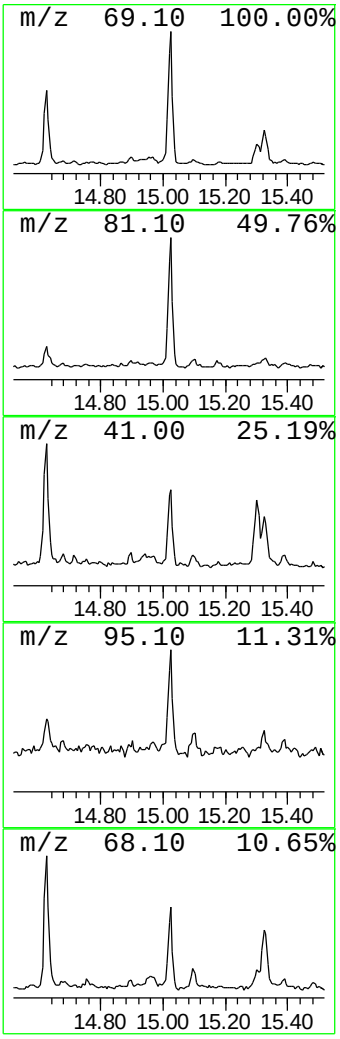
Peak Number 10 Squalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	11.66 ng	553382	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	72
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	58
5	2,6-Octadiene, 4,5-dimethyl-	138	C10H18	018476-57-8	50





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Operator : JU/SJ
Sample : J3419-01
Misc :
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Instrument : BNA_F
ClientSampleId : WJ-OLDCASTLE-2018-06-08

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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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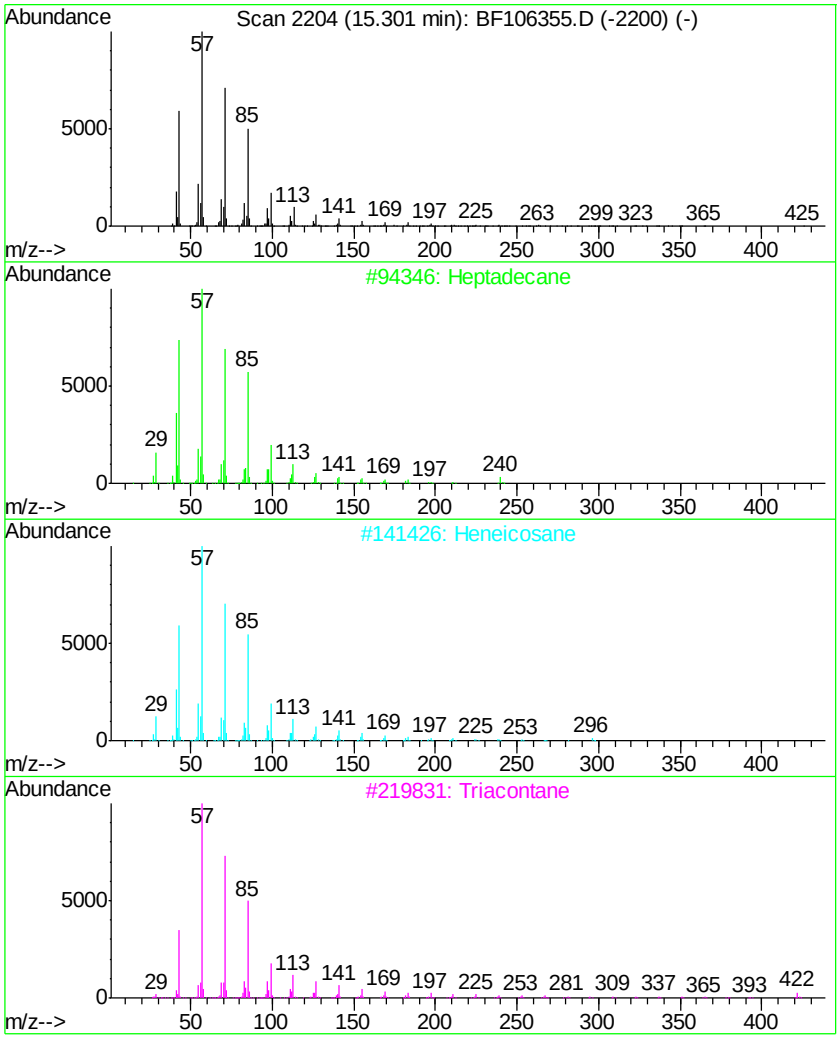
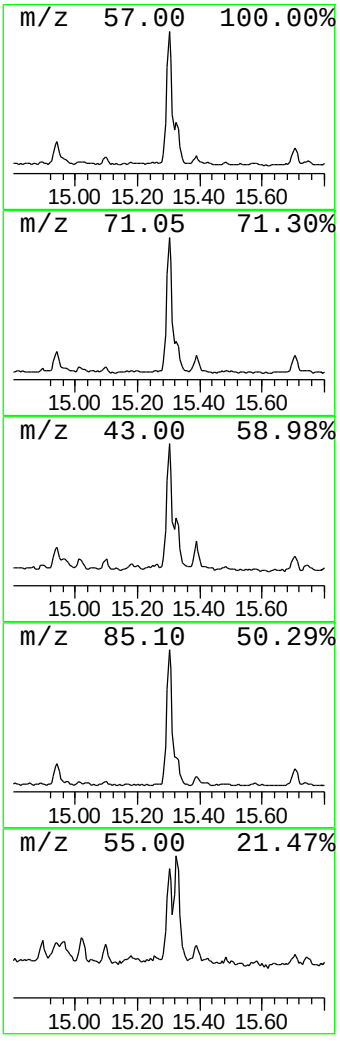
Peak Number 11 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	18.59 ng	882429	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Tetratetracontane	619	C44H90	007098-22-8	83





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Instrument : BNA_F
ClientSampleId : WJ-OLDCASTLE-2018-06-08

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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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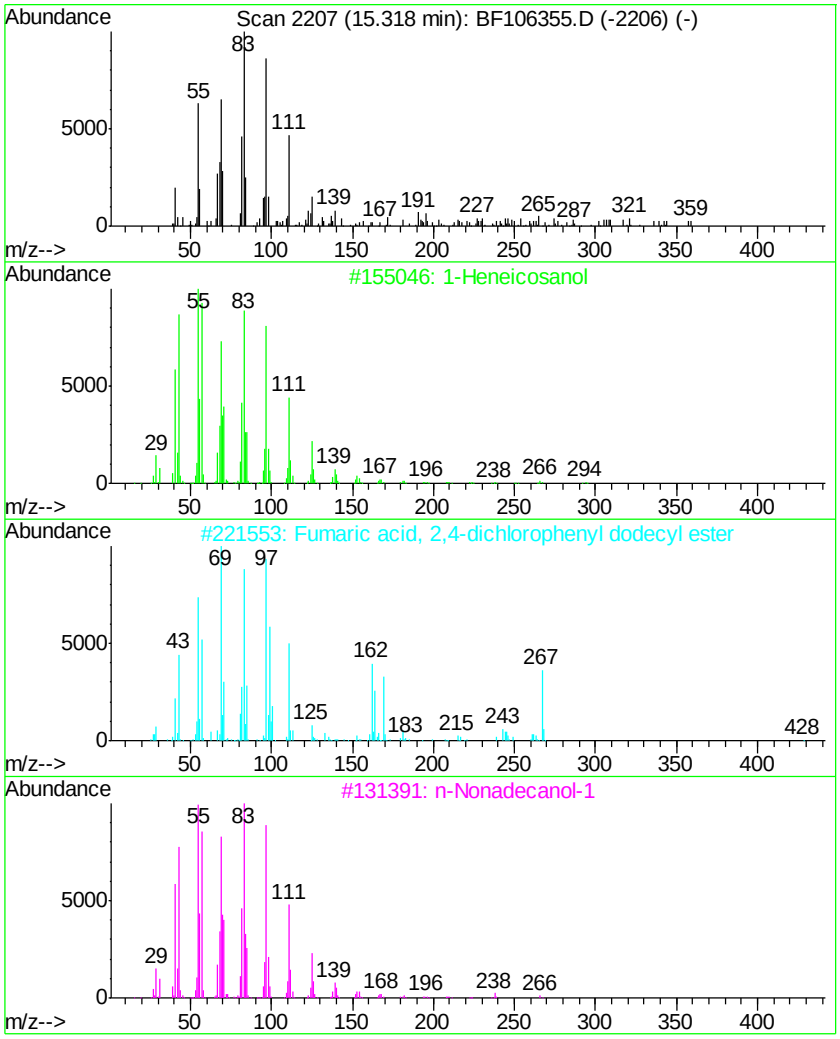
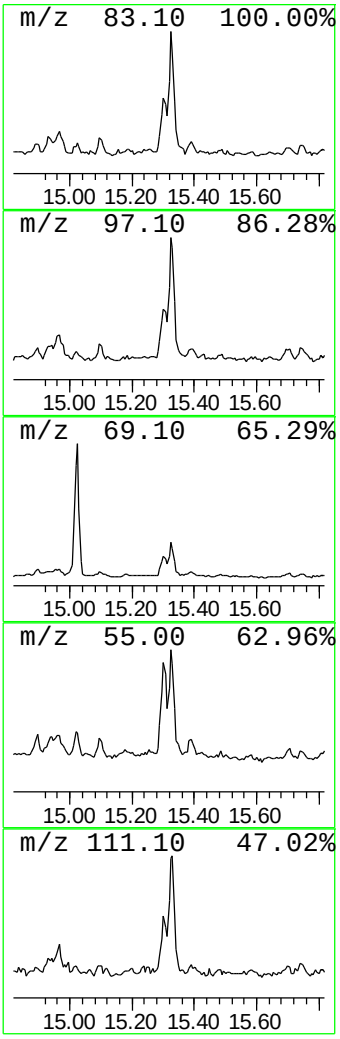
Peak Number 12 1-Heneicosanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	11.88 ng	563657	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	80
2	Fumaric acid, 2,4-dichlorophenyl...	428	C22H30Cl2O4	1000345-34-4	72
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	46
4	1-Hexadecanol	242	C16H34O	036653-82-4	43
5	Disparlure	282	C19H38O	029804-22-6	43





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Sample : J3419-01
Misc :
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Instrument : BNA_F
ClientSampleId : WJ-OLDCASTLE-2018-06-08

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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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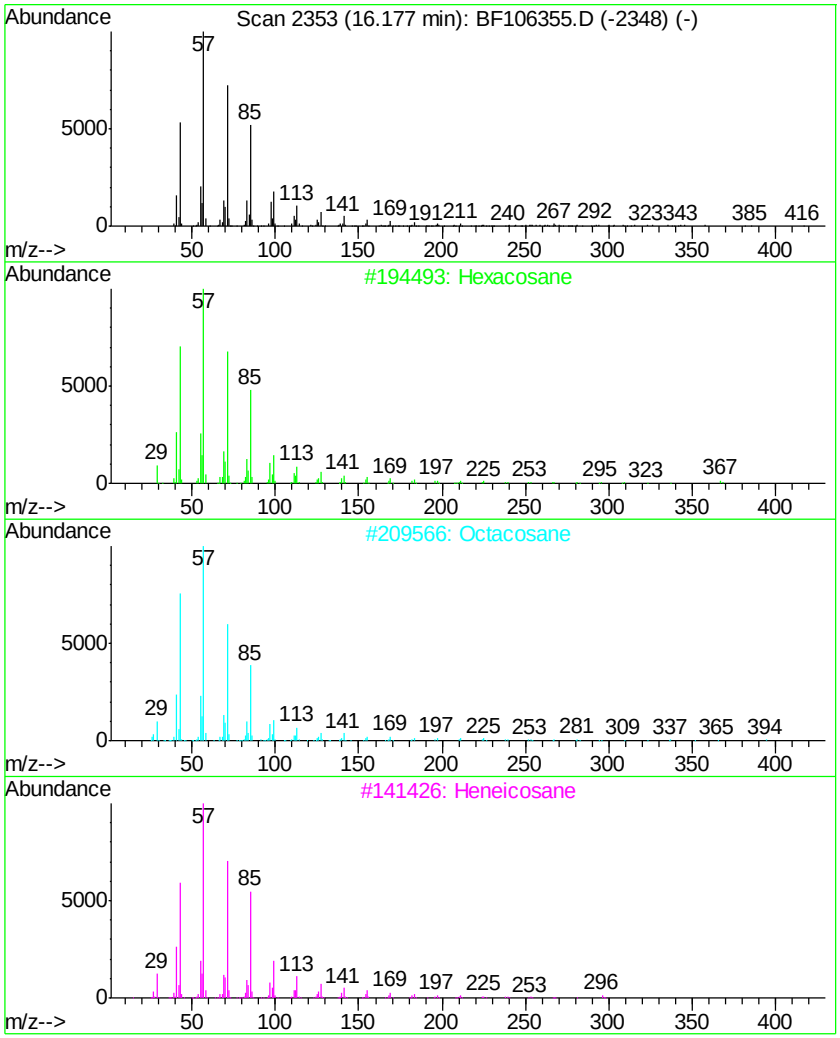
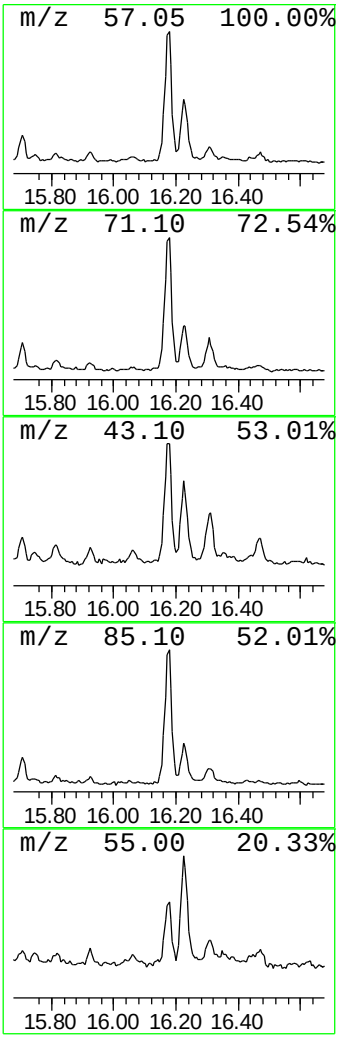
Peak Number 13 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	14.61 ng	693407	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Sample : J3419-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WJ-OLDCASTLE-2018-06-08

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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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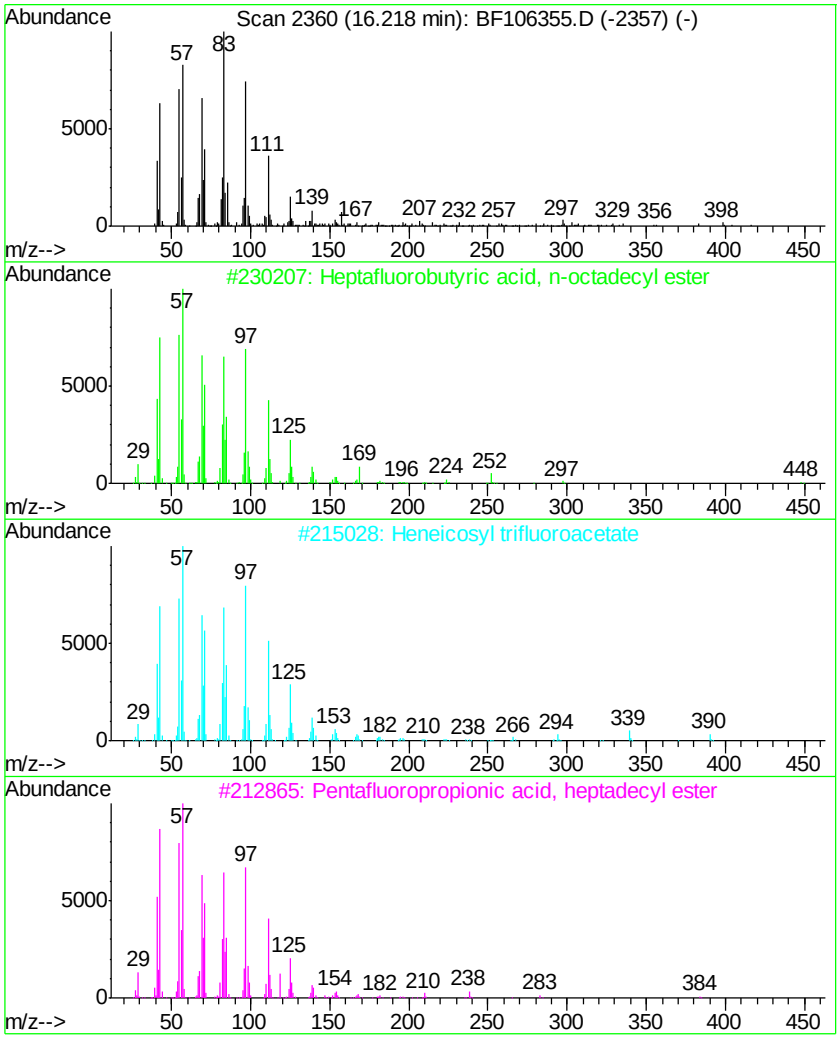
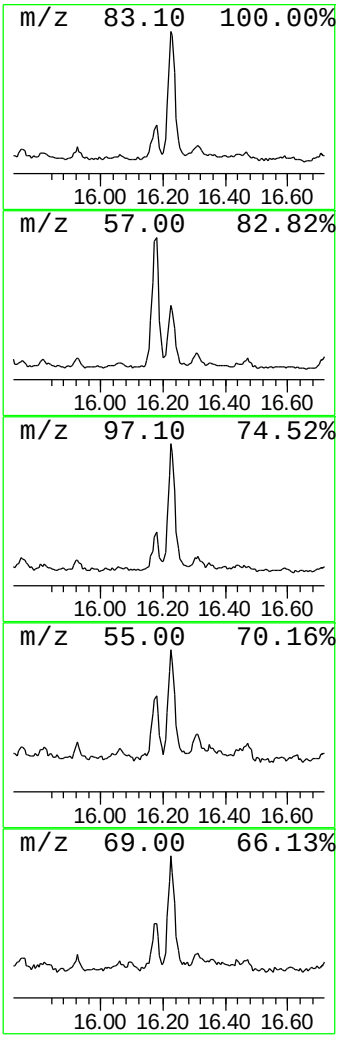
Peak Number 14 Heptafluorobutyric acid, n-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	15.08 ng	715679	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	64
2	Heneicosyl trifluoroacetate	408	C23H43F3O2	1000351-76-5	58
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	58
4	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	58
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	52





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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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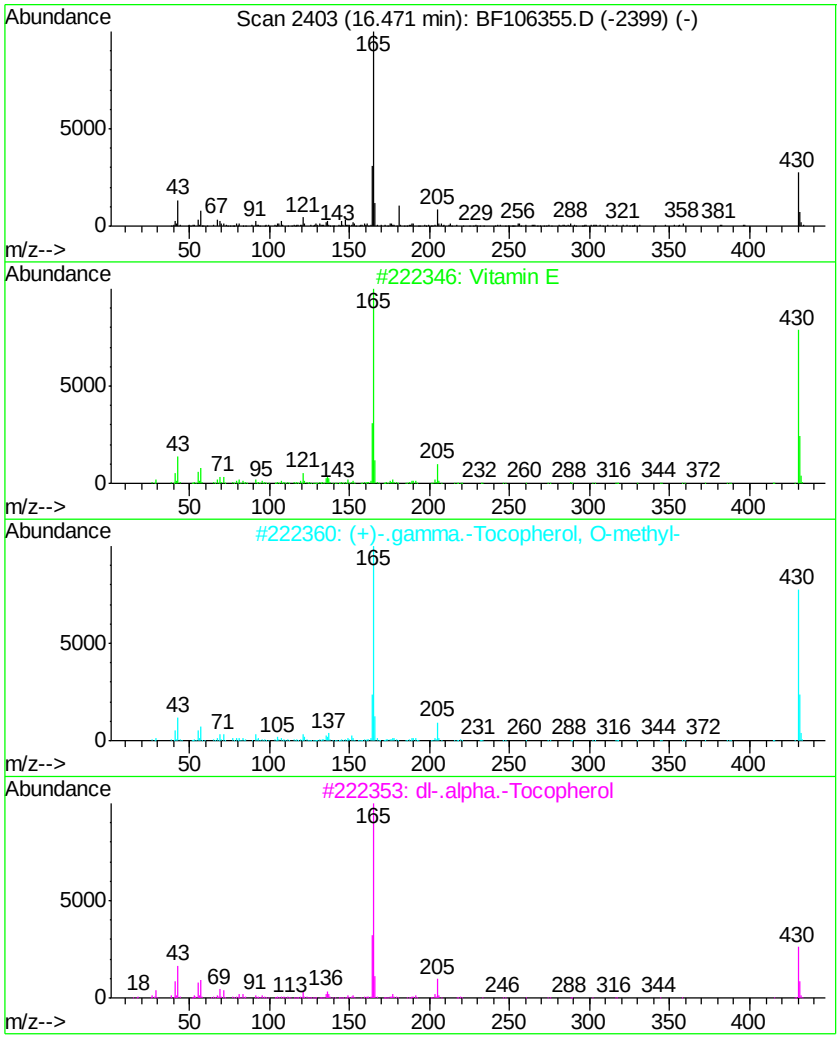
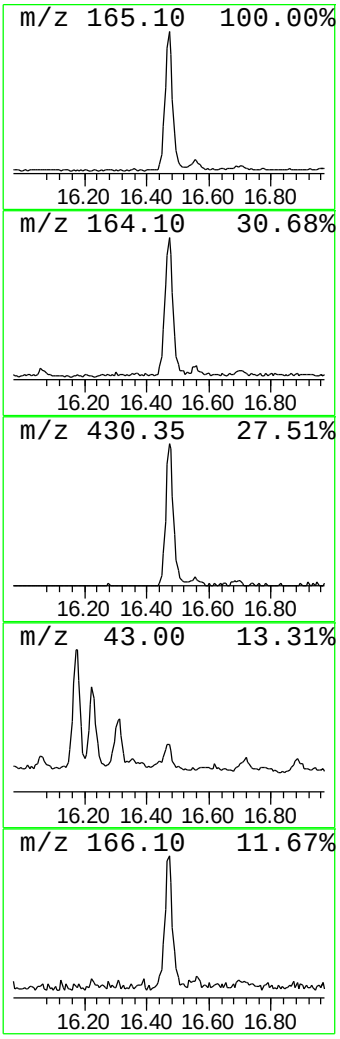
Peak Number 15 Vitamin E Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	9.75 ng	462788	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vitamin E	430	C29H50O2	000059-02-9	91
2	(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	80
3	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	80
4	Piperazine, 1-(3,4-dimethoxybenz...	430	C26H26N2O4	333756-87-9	45
5	9H-Fluorene, 2-nitro-	211	C13H9NO2	000607-57-8	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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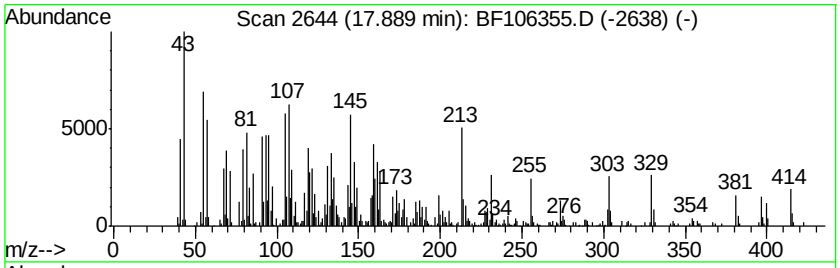
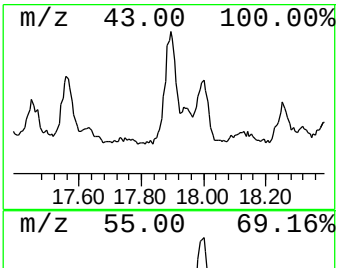
Peak Number 16 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	34.81 ng	1652060	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3	Kauren-18-ol, acetate, (4.beta.)-	330	C22H34O2	072150-74-4	43
4	Campesterol	400	C28H48O	000474-62-4	40
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	37





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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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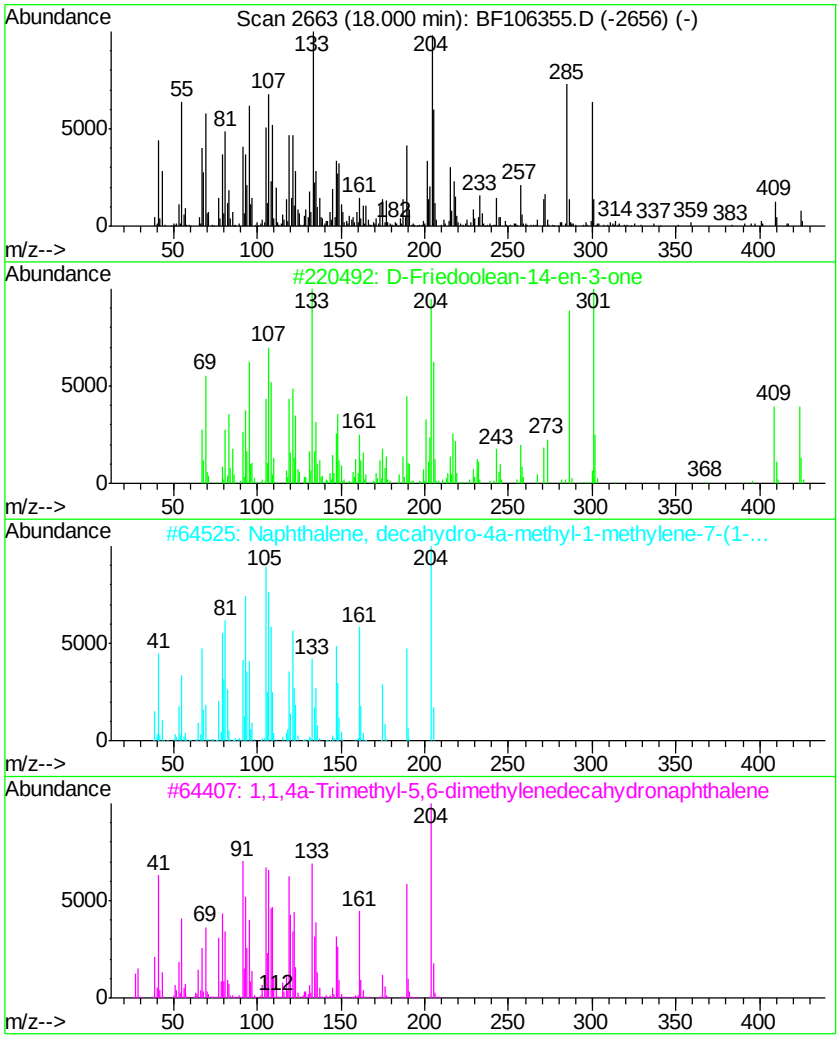
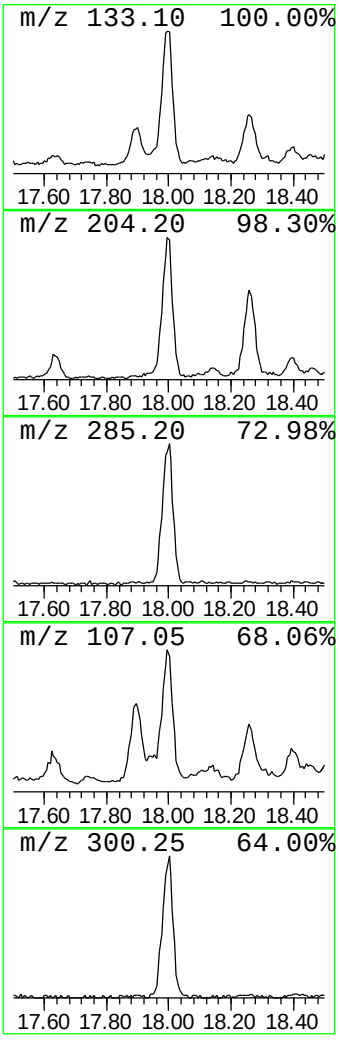
Peak Number 17 D-Friedoolean-14-en-3-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	52.30 ng	2482490	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Friedoolean-14-en-3-one	424	C30H48O	000514-07-8	58
2	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	43
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38
4	Himachala-2,4-diene	204	C15H24	060909-27-5	35
5	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	35





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Data File : BF106355.D
Acq On : 12 Jun 2018 20:03
Operator : JU/SJ
Sample : J3419-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WJ-OLDCASTLE-2018-06-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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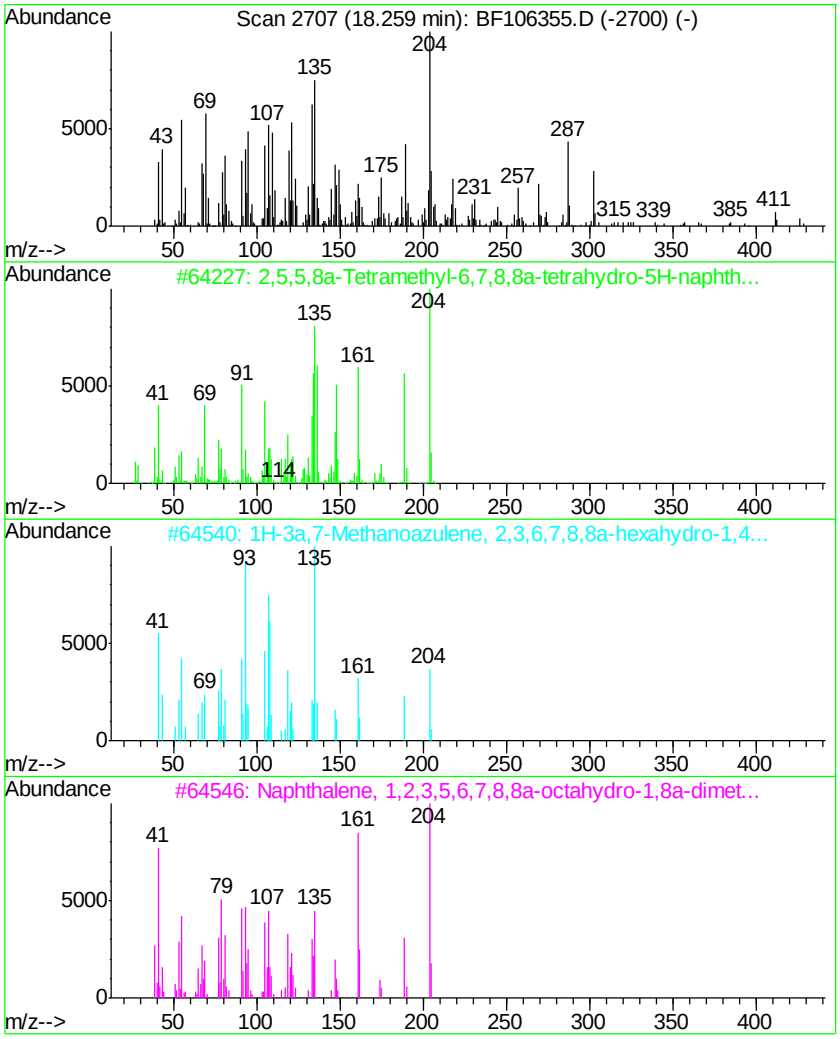
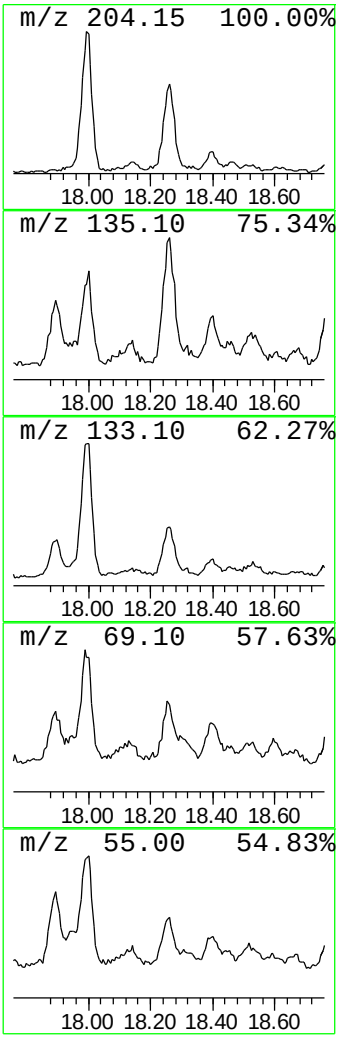
Peak Number 18 unknown18.26 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	23.11 ng	1096940	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	49
2	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	46
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	43
4	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38
5	1,3-Dimethyl-5-(propen-1-yl)adam...	204	C15H24	057040-48-9	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106355.D
Acq On : 12 Jun 2018 20:03
Operator : JU/SJ
Sample : J3419-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WJ-OLDCASTLE-2018-06-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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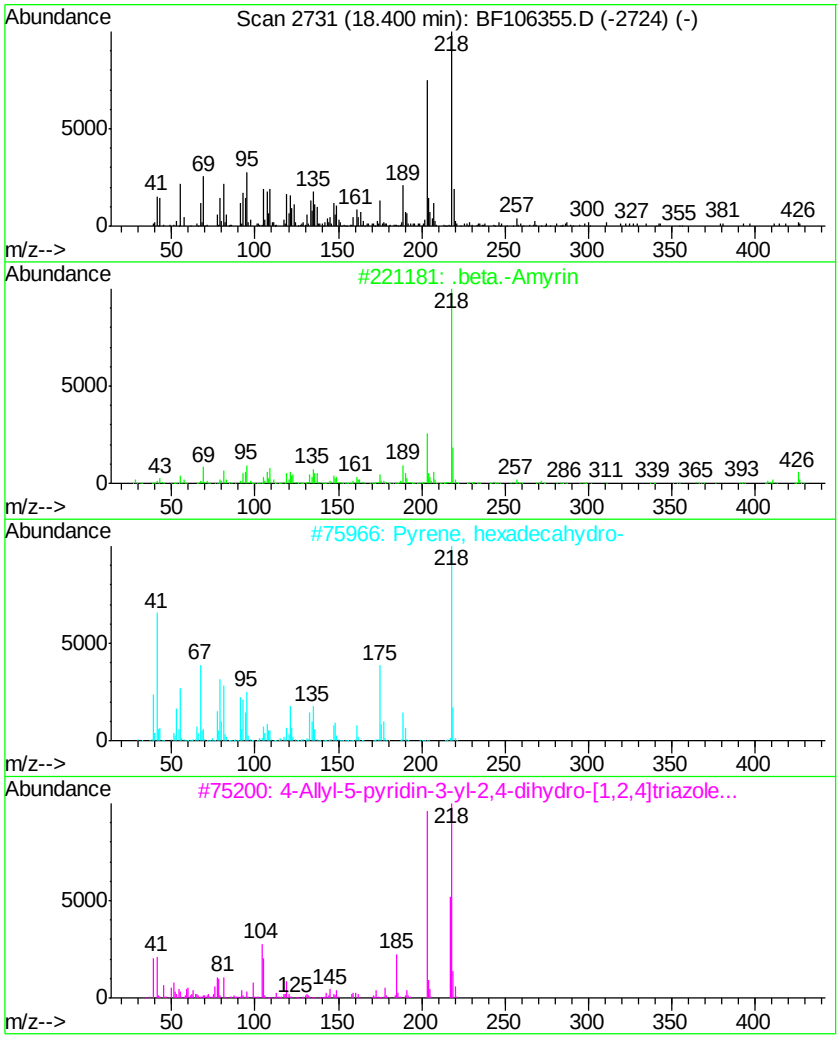
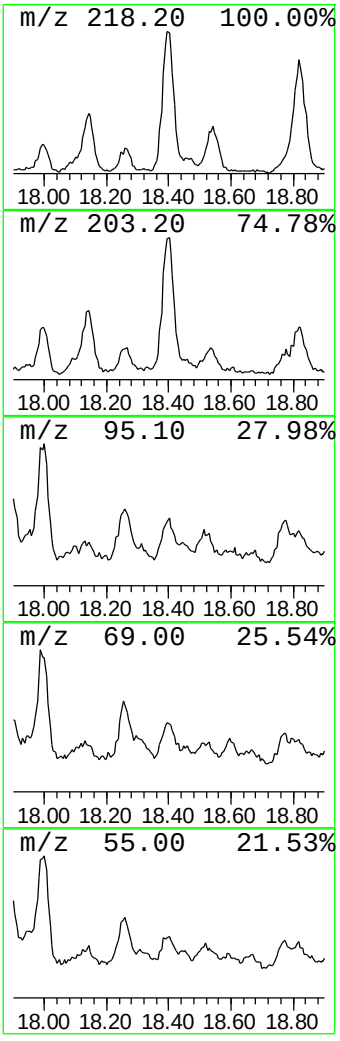
Peak Number 19 .beta.-Amyrin Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	14.10 ng	669044	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	95
2	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	64
3	4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	58
4	2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	58
5	Benzenamine, 2,6-dimethyl-N-(4,4...	218	C13H18N2O	281211-68-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106355.D
Acq On : 12 Jun 2018 20:03
Operator : JU/SJ
Sample : J3419-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WJ-OLDCASTLE-2018-06-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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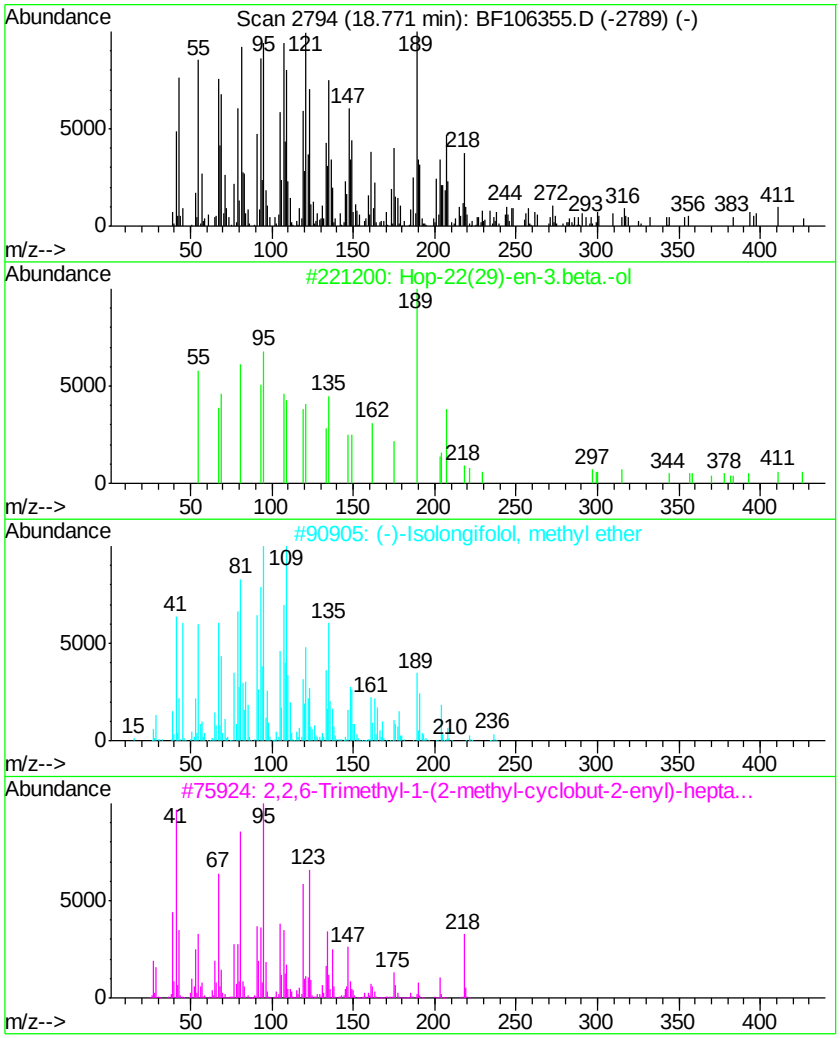
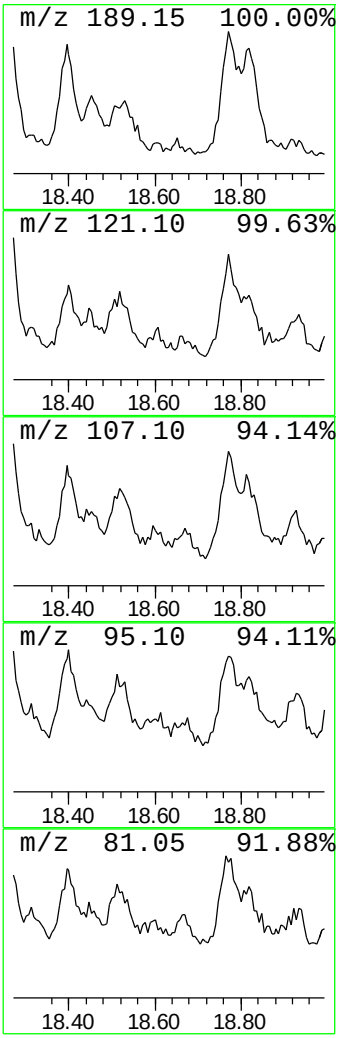
Peak Number 20 Hop-22(29)-en-3.beta.-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	8.89 ng	422194	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	86
2	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	53
3	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	44
4	7-Oxabicyclo[4.1.0]heptane, 2,2,...	218	C15H22O	070038-20-9	44
5	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061218\
Data File : BF106355.D
Acq On : 12 Jun 2018 20:03
Operator : JU/SJ
Sample : J3419-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WJ-OLDCASTLE-2018-06-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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...	5.21	6.4	ng	273158	1	6.97	855767	20.0
unknown6.74	6.74	61.9	ng	2649070	1	6.97	855767	20.0
Tridecanoic acid	12.02	8.2	ng	402796	4	11.51	982356	20.0
10,18-Bisnorabiet...	12.75	5.3	ng	259336	4	11.51	982356	20.0
2-Phenanthrenol, ...	13.52	6.9	ng	445438	5	14.15	1298730	20.0
trans-1,2-Bis(met...	13.59	5.7	ng	369594	5	14.15	1298730	20.0
Behenic alcohol	13.97	18.3	ng	1186560	5	14.15	1298730	20.0
1-Nonadecene	14.62	19.1	ng	1236840	5	14.15	1298730	20.0
Squalene	15.02	11.7	ng	553382	6	15.69	949314	20.0
Heptadecane	15.30	18.6	ng	882429	6	15.69	949314	20.0
1-Heneicosanol	15.32	11.9	ng	563657	6	15.69	949314	20.0
Hexacosane	16.18	14.6	ng	693407	6	15.69	949314	20.0
Heptafluorobutyri...	16.22	15.1	ng	715679	6	15.69	949314	20.0
Vitamin E	16.47	9.8	ng	462788	6	15.69	949314	20.0
.gamma.-Sitosterol	17.89	34.8	ng	1652060	6	15.69	949314	20.0
D-Friedoolean-14-...	18.00	52.3	ng	2482490	6	15.69	949314	20.0
unknown18.26	18.26	23.1	ng	1096940	6	15.69	949314	20.0
.beta.-Amyrin	18.40	14.1	ng	669044	6	15.69	949314	20.0
Hop-22(29)-en-3.b...	18.77	8.9	ng	422194	6	15.69	949314	20.0