LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112968.D
Acq On : 11 Mar 2019 21:28
Operator : JU/SJ
Sample : K1823-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCK-PILE-1

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-BF022719.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	5.334	547	552	566	rBV	2651208	2619349	14.20%	1.731%
2	6.363	722	727	734	rBV	2937917	2929654	15.88%	1.936%
3	6.498	745	750	753	rBV	3229361	2902399	15.73%	1.918%
4	6.728	785	789	794	rBV	1100495	903610	4.90%	0.597%
5	6.886	812	816	819	rBV	2566196	2206257	11.96%	1.458%
6	7.286	879	884	887	rBV	2031173	1806342	9.79%	1.194%
7	8.010	1004	1007	1010	rBV	1353296	1147947	6.22%	0.759%
8	9.086	1186	1190	1195	rBV	3820969	3239713	17.56%	2.141%
9	9.404	1241	1244	1245	rBV	266737	218143	1.18%	0.144%
10	9.427	1245	1248	1251	rVV	1491282	1226256	6.65%	0.810%
11	9.480	1253	1257	1260	rVV	536608	504296	2.73%	0.333%
12	9.527	1260	1265	1269	rVB2	448125	451475	2.45%	0.298%
13	9.680	1286	1291	1294	rVV3	223749	286581	1.55%	0.189%
14	9.763	1300	1305	1308	rBV	1871027	1904675	10.32%	1.259%
15	9.792	1308	1310	1314	rVB2	969571	829671	4.50%	0.548%
16	9.892	1324	1327	1331	rBV4	578209	728112	3.95%	0.481%
17	9.963	1336	1339	1343	rBV	282100	314267	1.70%	0.208%
18	10.063	1353	1356	1361	rVB3	357504	365748	1.98%	0.242%
19	10.304	1394	1397	1400	rBV	427842	330484	1.79%	0.218%
20	10.369	1404	1408	1411	rBV4	208078	302329	1.64%	0.200%
21	10.404	1412	1414	1417	rVV2	211857	242512	1.31%	0.160%
22	10.433	1417	1419	1422	rVV	561179	465290	2.52%	0.307%
23	10.463	1422	1424	1427	rVV3	235068	238945	1.30%	0.158%
24	10.516	1431	1433	1435	rVV2	234101	255494	1.38%	0.169%
25	10.545	1435	1438	1443	rVV	2815733	2922769	15.84%	1.932%
26	10.592	1443	1446	1447	rVV2	224657	254072	1.38%	0.168%
27	10.604	1447	1448	1453	rVB2	331386	274883	1.49%	0.182%
28	10.674	1456	1460	1465	rVB	538841	608343	3.30%	0.402%
29	10.927	1500	1503	1506	rBV3	294080	262260	1.42%	0.173%
30	10.957	1506	1508	1511	rVV2	201051	242205	1.31%	0.160%
31	11.045	1520	1523	1527	rVB2	215535	240967	1.31%	0.159%
32	11.133	1534	1538	1540	rBV3	174910	215235	1.17%	0.142%
33	11.204	1548	1550	1552	rBV	253099	257622	1.40%	0.170%
34	11.239	1552	1556	1558	rVV	2173325	2233043	12.10%	1.476%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1823-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCK-PILE-1

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.263	1558	1560	1563	rVV	2068817	1698248	9.21%	1.122%
36	11.310	1565	1568	1571	rVV2	1261745	1080299	5.86%	0.714%
37	11.351	1571	1575	1578	rVV4	236254	457969	2.48%	0.303%
38	11.380	1578	1580	1585	rVV	847083	852128	4.62%	0.563%
39	11.421	1585	1587	1591	rVB	219115	213714	1.16%	0.141%
40	11.468	1592	1595	1598	rBV	251933	226522	1.23%	0.150%
41	11.586	1613	1615	1618	rVB	507545	431330	2.34%	0.285%
42	11.627	1618	1622	1628	rBV5	404706	512545	2.78%	0.339%
43	11.745	1637	1642	1644	rVV3	860173	1040015	5.64%	0.687%
44	11.798	1644	1651	1655	rVV2	3412908	4432311	24.03%	2.929%
45	11.851	1658	1660	1662	rVB	509025	387944	2.10%	0.256%
46	11.939	1671	1675	1677	rBV	580787	668404	3.62%	0.442%
47	12.021	1687	1689	1693	rBV2	545939	778897	4.22%	0.515%
48	12.074	1696	1698	1701	rVB2	297965	228255	1.24%	0.151%
49	12.110	1701	1704	1706	rBV	263589	258730	1.40%	0.171%
50	12.180	1710	1716	1720	rVB4	547854	960860	5.21%	0.635%
51	12.233	1720	1725	1728	rBV3	622898	772890	4.19%	0.511%
52	12.310	1732	1738	1741	rBV3	452147	703418	3.81%	0.465%
53	12.339	1741	1743	1746	rVB2	608952	498625	2.70%	0.330%
54	12.398	1749	1753	1757	rBV	546060	644657	3.49%	0.426%
55	12.451	1758	1762	1764	rBV	2051588	2061657	11.18%	1.362%
56	12.492	1764	1769	1777	rVB	1909427	3004823	16.29%	1.986%
57	12.568	1779	1782	1785	rBV2	1537095	1492876	8.09%	0.987%
58	12.674	1794	1800	1803	rBV2	1612612	1900940	10.30%	1.256%
59	12.710	1803	1806	1809	rVB	539006	493269	2.67%	0.326%
60	12.821	1821	1825	1828	rBV	3313190	3073180	16.66%	2.031%
61	12.957	1846	1848	1851	rBV	677367	597230	3.24%	0.395%
62	13.004	1853	1856	1858	rVB2	424416	395467	2.14%	0.261%
63	13.062	1864	1866	1869	rBV	555226	545514	2.96%	0.361%
64	13.104	1869	1873	1876	rVV5	407616	559731	3.03%	0.370%
65	13.192	1884	1888	1891	rBV2	942533	1235132	6.70%	0.816%
66	13.239	1891	1896	1897	rVV4	802057	1166462	6.32%	0.771%
67	13.257	1897	1899	1901	rVV	1283392	1113429	6.04%	0.736%
68	13.298	1901	1906	1908	rVV4	927750	1630640	8.84%	1.078%
69	13.327	1909	1911	1916	rVB	848078	760043	4.12%	0.502%
70	13.374	1916	1919	1922	rBV	1238873	1139130	6.18%	0.753%
71	13.439	1927	1930	1934	rVB2	416905	478877	2.60%	0.316%

LSC Area Percent Report

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Sample : K1823-01
Misc :
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Instrument : BNA_F
ClientSampleId : STOCK-PILE-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.562	1948	1951	1954	rBV3	705869	930060	5.04%	0.615%
73	13.598	1954	1957	1963	rVB3	1486284	1536355	8.33%	1.015%
74	13.651	1964	1966	1968	rBV2	456902	404567	2.19%	0.267%
75	13.709	1968	1976	1978	rBV	4085473	7175456	38.90%	4.742%
76	13.804	1990	1992	1997	rVB	423773	364652	1.98%	0.241%
77	13.868	1999	2003	2006	rBV2	1811099	2301247	12.47%	1.521%
78	13.945	2014	2016	2020	rBV	644447	758989	4.11%	0.502%
79	14.357	2082	2086	2098	rVB	1444993	2104877	11.41%	1.391%
80	14.562	2119	2121	2124	rVB	414026	366508	1.99%	0.242%
81	14.715	2144	2147	2151	rVB	1418701	1399965	7.59%	0.925%
82	14.968	2186	2190	2192	rBV	2382399	2760540	14.96%	1.824%
83	15.280	2239	2243	2246	rBV	937275	1080861	5.86%	0.714%
84	15.621	2298	2301	2309	rVB2	361117	566671	3.07%	0.374%
85	15.727	2314	2319	2324	rVV	2056967	3185951	17.27%	2.105%
86	15.774	2324	2327	2334	rVB	578215	873985	4.74%	0.578%
87	15.974	2357	2361	2372	rVB2	1332570	2529646	13.71%	1.672%
88	16.762	2491	2495	2500	rVB	451310	749513	4.06%	0.495%
89	16.821	2501	2505	2507	rBV3	363241	590641	3.20%	0.390%
90	16.980	2527	2532	2541	rVB3	999549	2421854	13.13%	1.600%
91	17.280	2565	2583	2588	rBV4	4212875	18447443	100.00%	12.191%
92	17.409	2600	2605	2618	rVB3	753225	1986866	10.77%	1.313%
93	17.527	2619	2625	2628	rBV3	703820	1620078	8.78%	1.071%
94	17.650	2639	2646	2656	rBV3	1516873	5401631	29.28%	3.570%
95	17.745	2658	2662	2671	rVB4	1353990	3384612	18.35%	2.237%
96	17.886	2680	2686	2692	rVB2	983384	2279673	12.36%	1.507%
97	17.986	2693	2703	2706	rBV4	1901229	5700493	30.90%	3.767%
98	18.097	2718	2722	2727	rBV3	397719	941687	5.10%	0.622%
99	18.168	2728	2734	2745	rVB	1737165	4917222	26.66%	3.250%
100	18.474	2783	2786	2799	rVB3	762586	2110799	11.44%	1.395%

Sum of corrected areas: 151319951

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112968.D
Acq On : 11 Mar 2019 21:28
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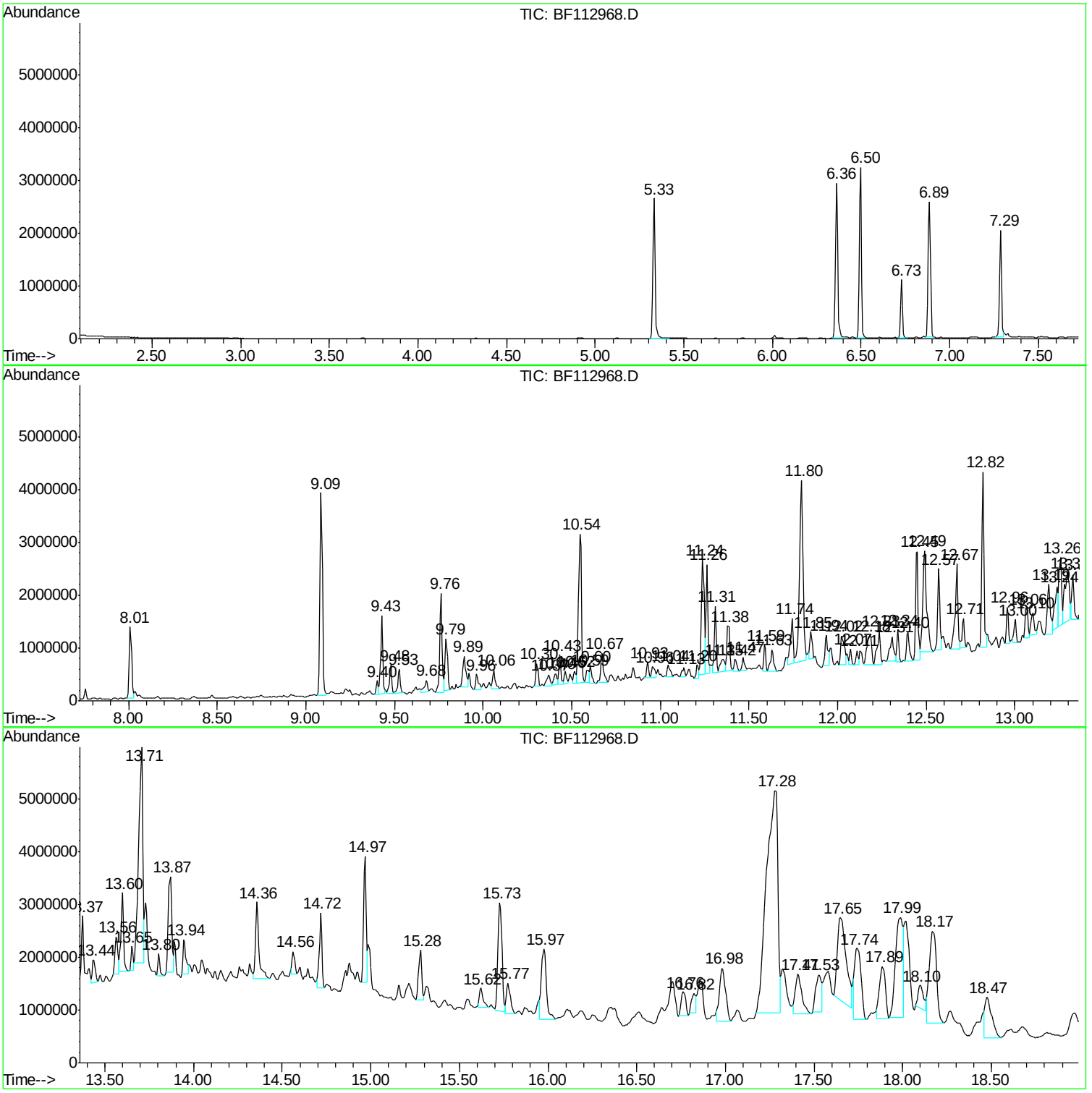
Sample : K1823-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCK-PILE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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Instrument : BNA_F
ClientSampleId : STOCK-PILE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

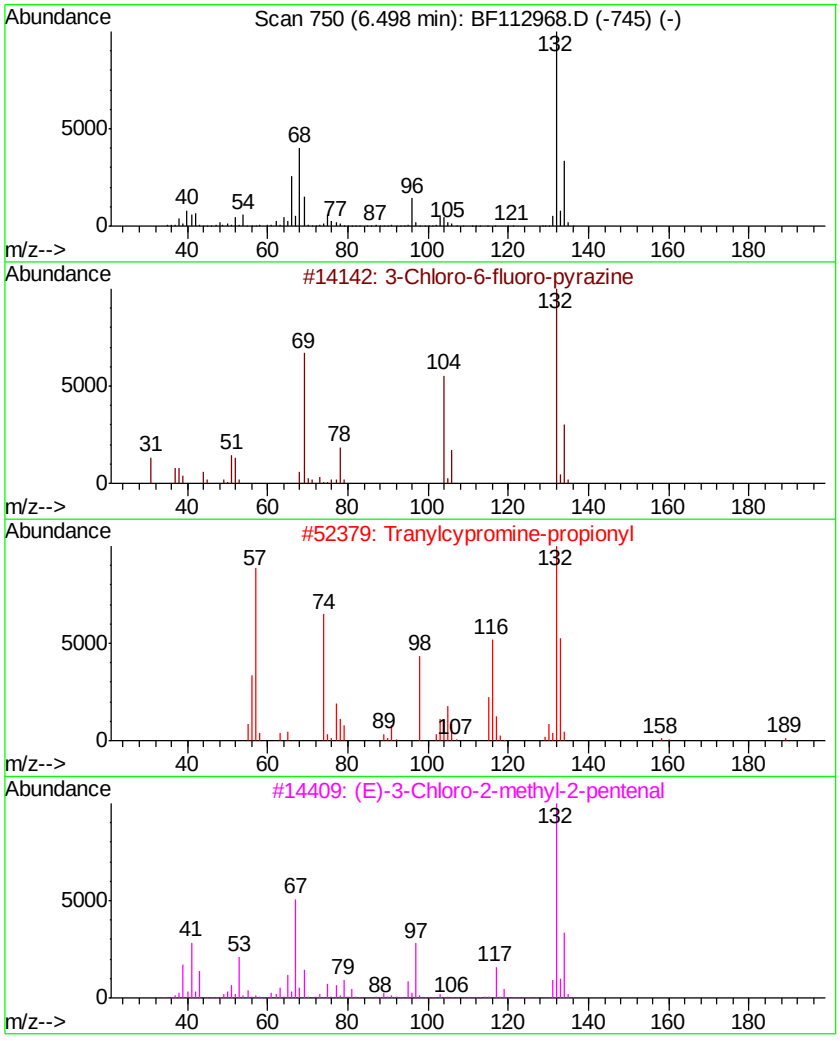
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

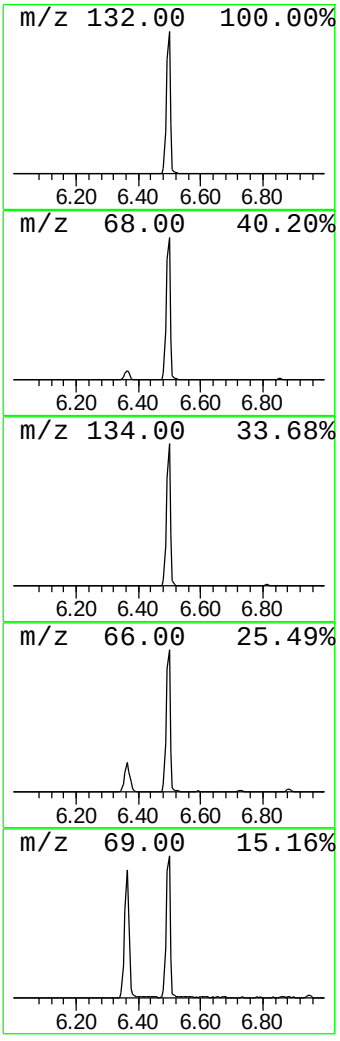
****

Peak Number 1 unknown6.50 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	64.24 ng	2902400	1,4-Dichlorobenzene-d4	6.73

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	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112968.D
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Sample : K1823-01
Misc :
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Instrument : BNA_F
ClientSampleId : STOCK-PILE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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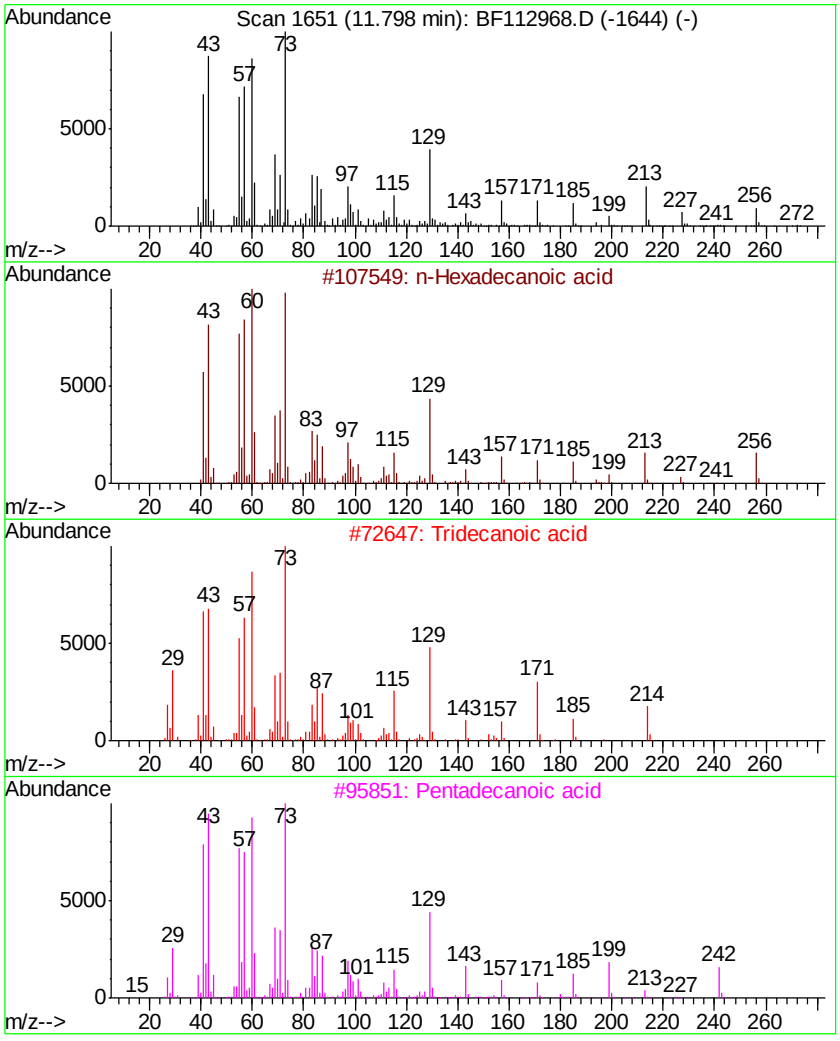
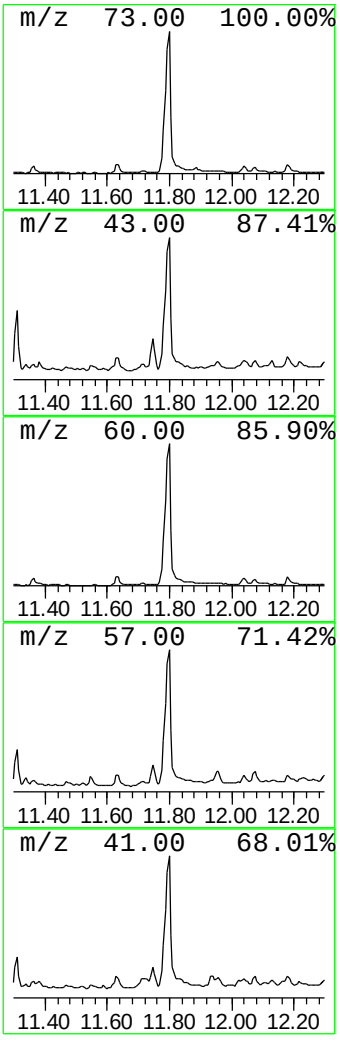
Peak Number 3 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	39.70 ng	4432310	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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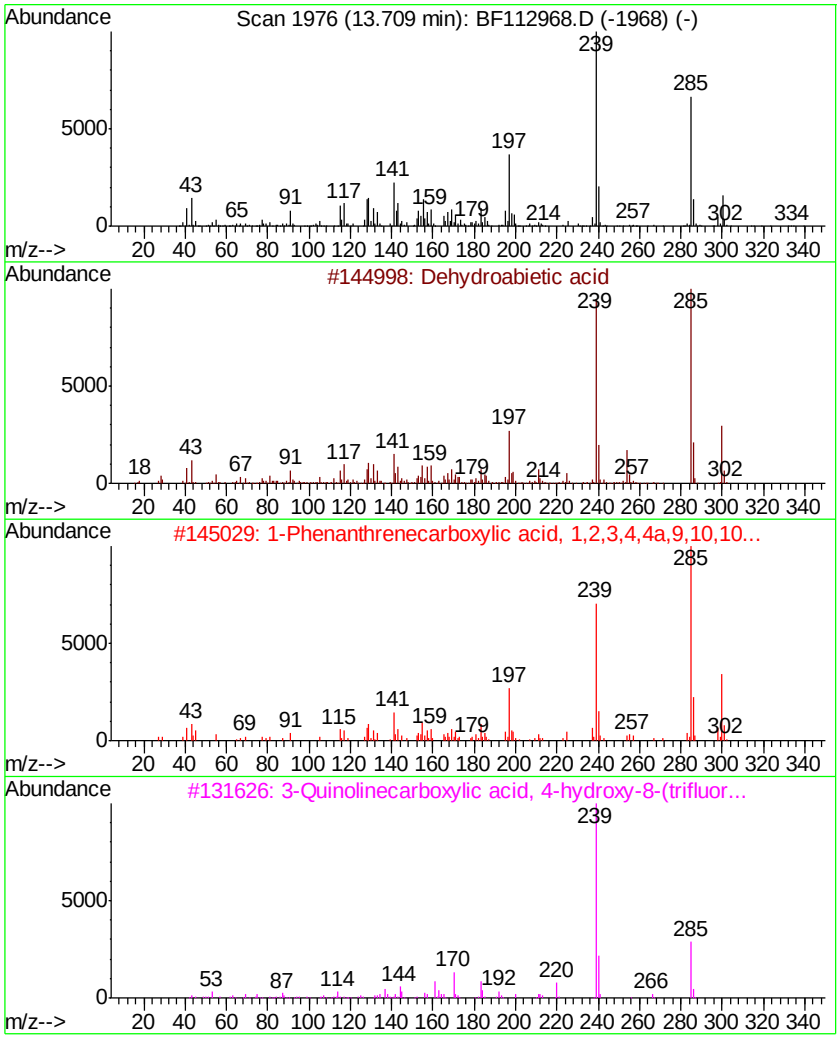
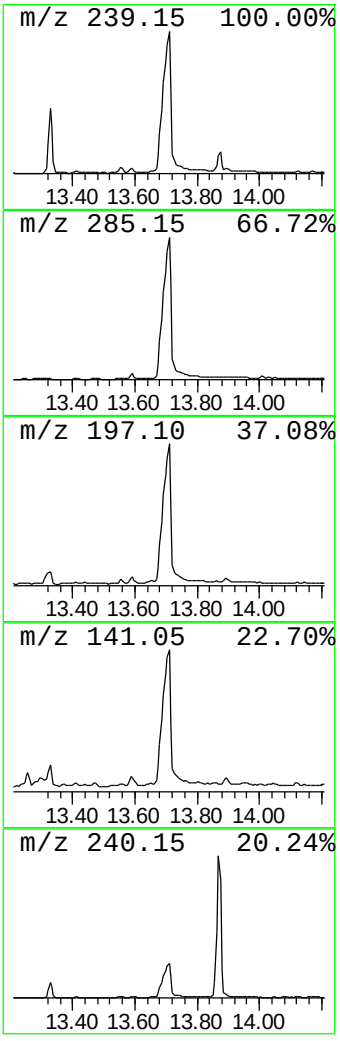
Peak Number 4 Dehydroabietic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	62.36 ng	7175460	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	62
3	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	53
4	2-Ethylidene-hydrazono-3-methyl-...	239	C10H10ClN3S	1000148-08-4	41
5	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	38





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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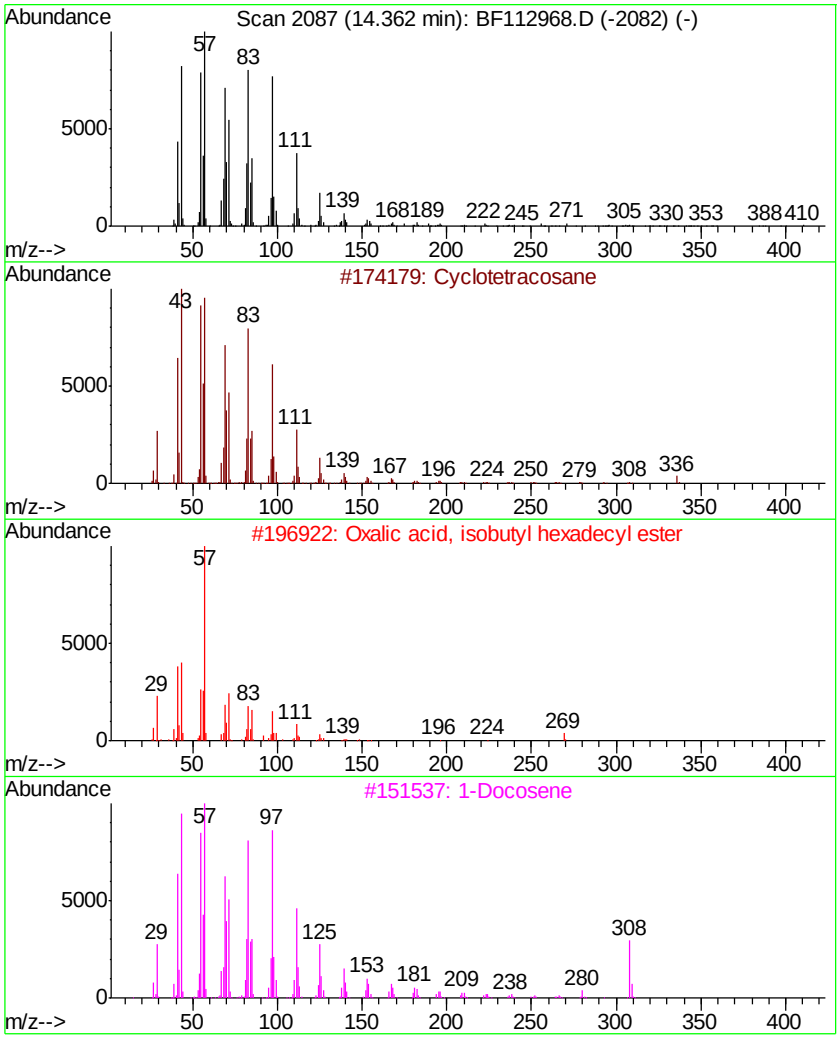
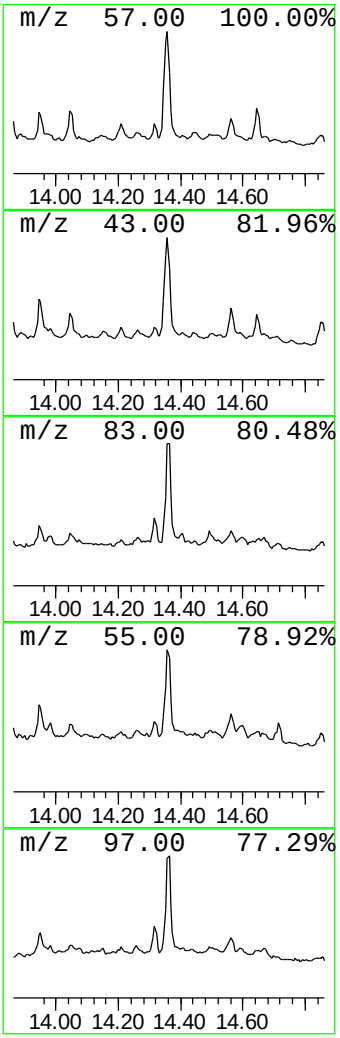
Peak Number 5 Cyclotetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	18.29 ng	2104880	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90





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Data File : BF112968.D
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Misc :
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Instrument : BNA_F
ClientSampleId : STOCK-PILE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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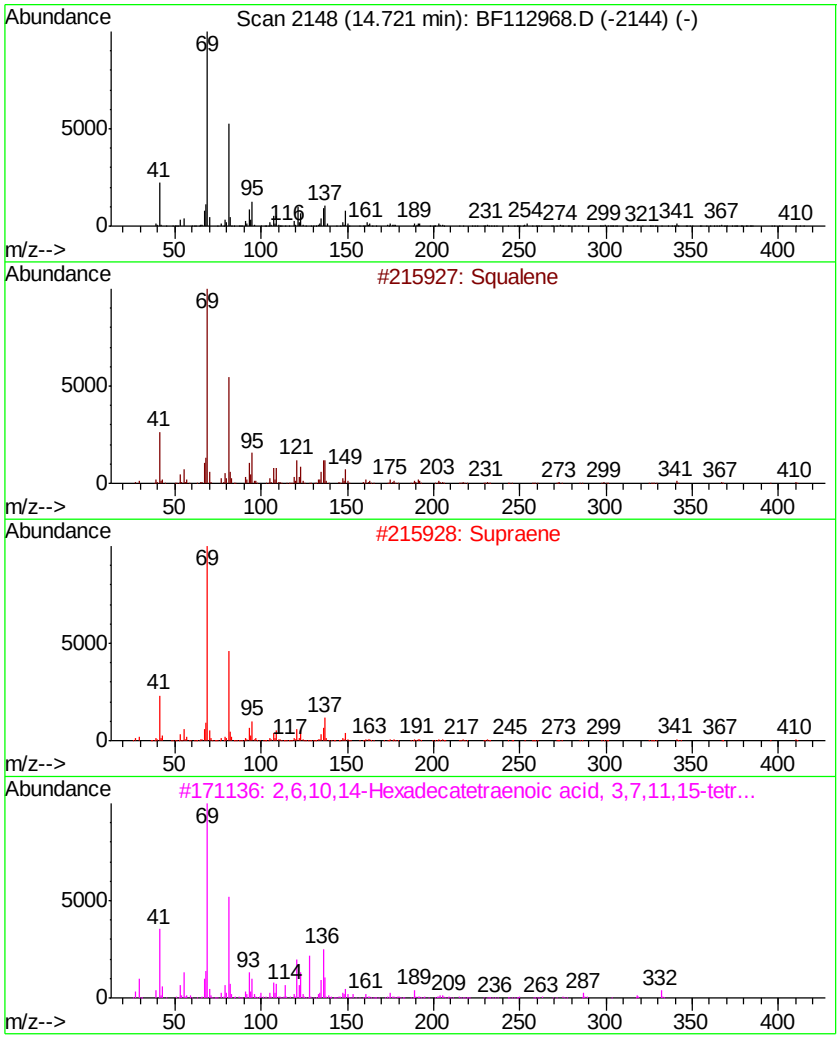
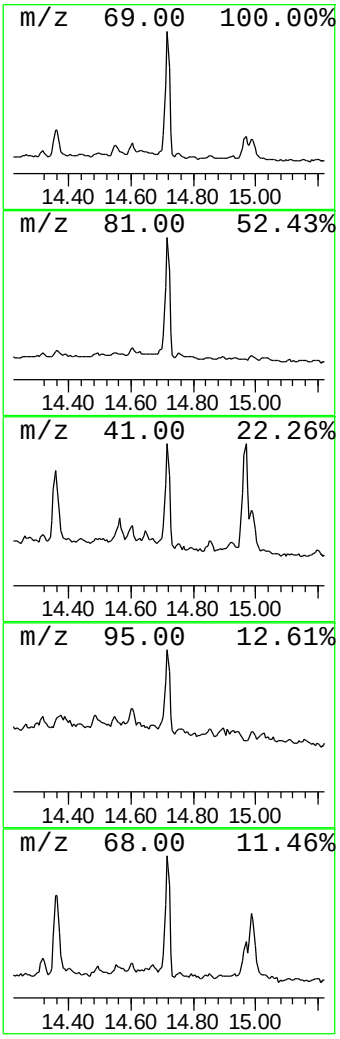
Peak Number 6 Squalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	25.90 ng	1399970	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	94
2	Supraene	410	C30H50	007683-64-9	91
3	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	83
4	2,6,10,14-Hexadecatetraenoic aci...	318	C21H34O2	042207-88-5	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64





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Sample : K1823-01
Misc :
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ClientSampleId : STOCK-PILE-1

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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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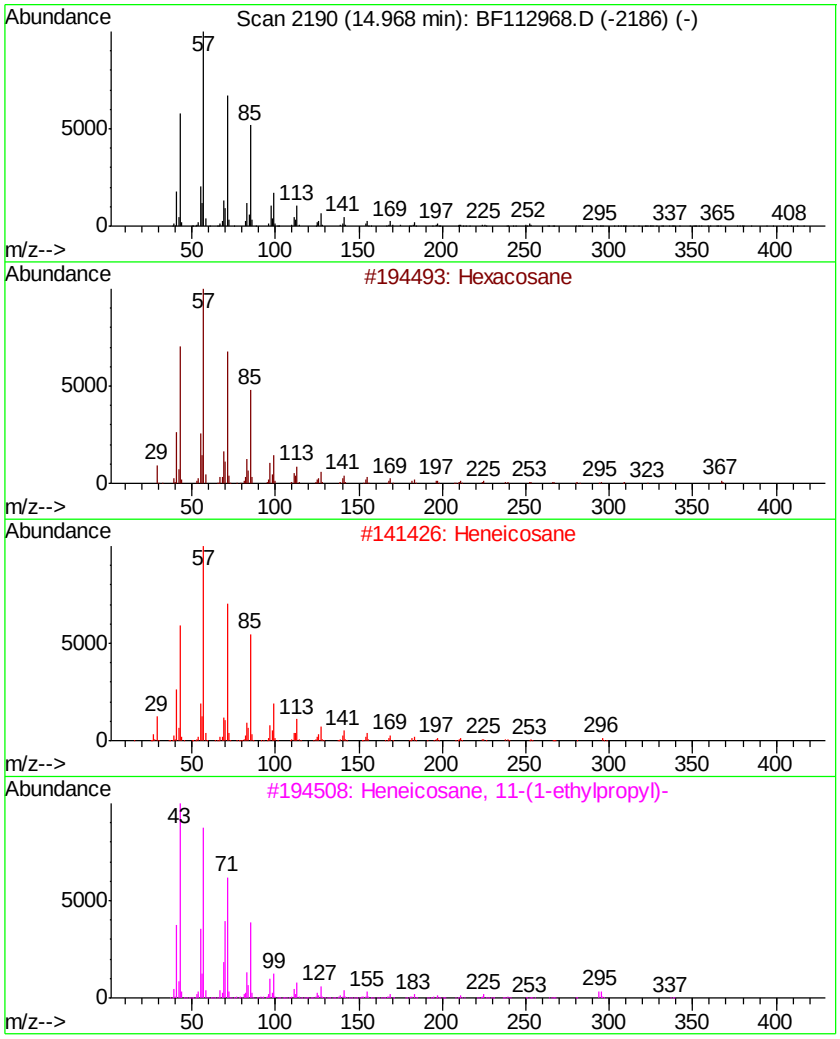
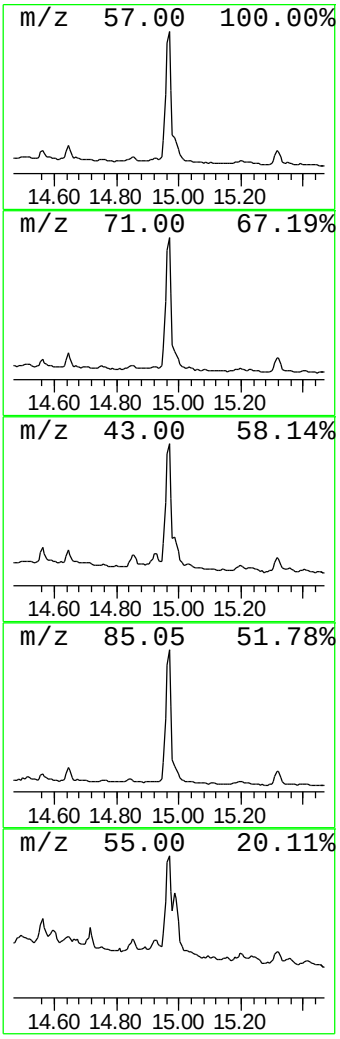
Peak Number 7 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	51.08 ng	2760540	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Hexadecane	226	C16H34	000544-76-3	87





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

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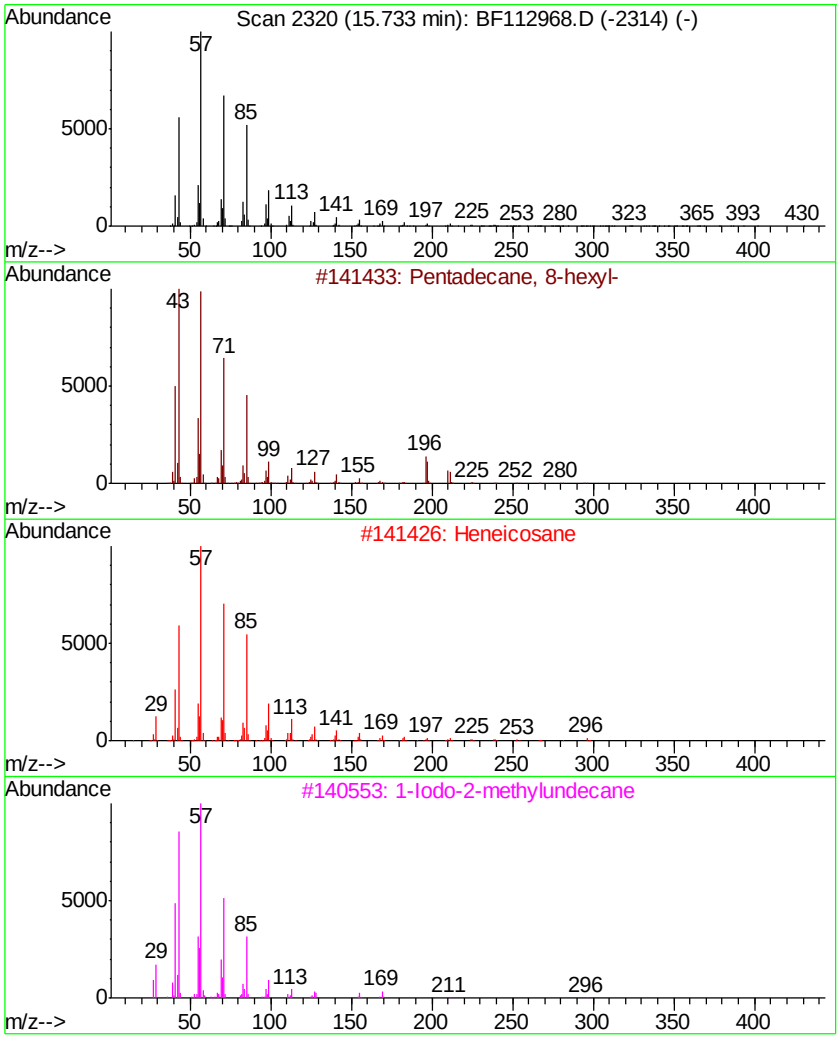
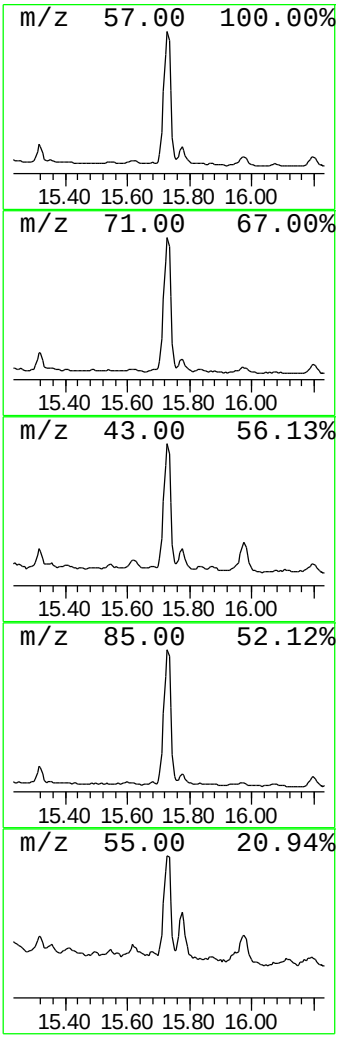
Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	58.95 ng	3185950	Perylene-d12	15.28

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	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	Heptadecane	240	C17H36	000629-78-7	90





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

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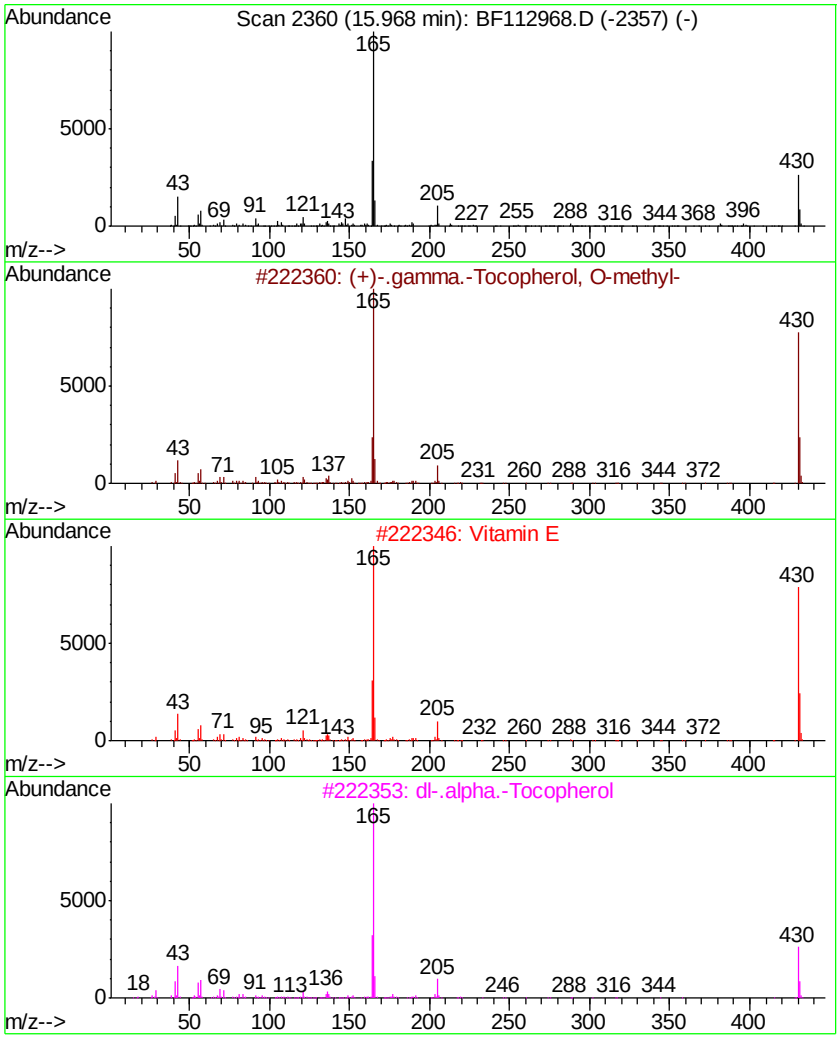
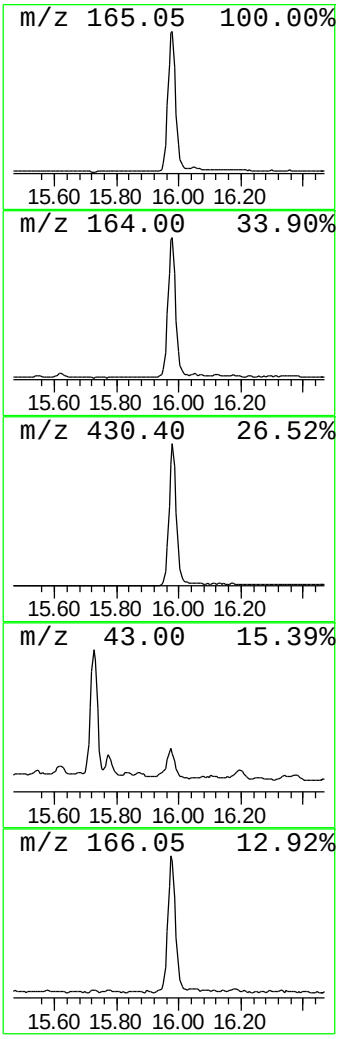
Peak Number 9 (+)-.gamma.-Tocopherol, O-m... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	46.81 ng	2529650	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	94
2	Vitamin E	430	C29H50O2	000059-02-9	94
3	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	94
4	.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	42
5	Benzenamine, 3-methoxy-2,4,6-tri...	165	C10H15NO	034874-88-9	38





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

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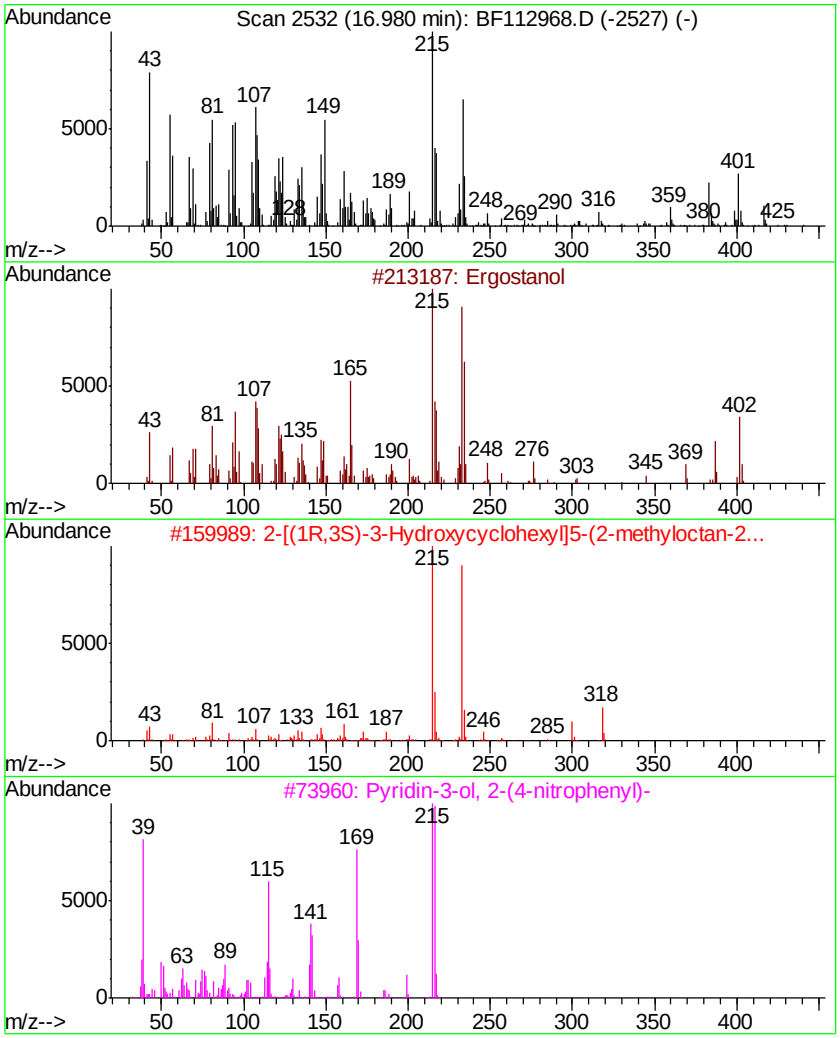
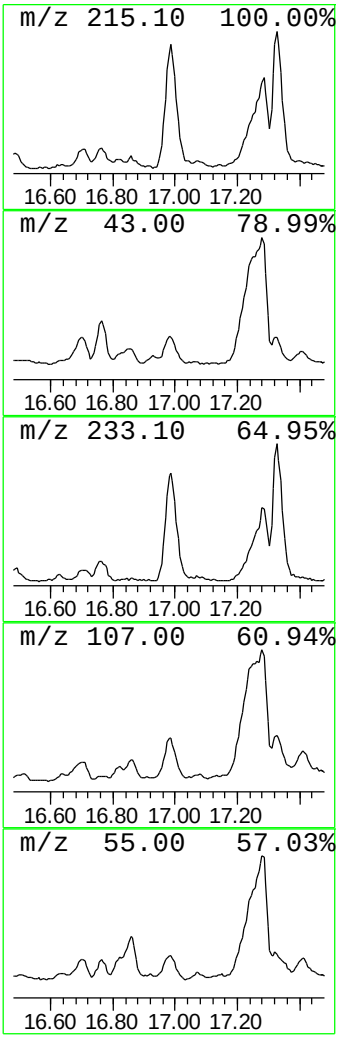
Peak Number 10 Ergostanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	44.81 ng	2421850	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ergostanol	402	C28H50O	006538-02-9	68
2	2-[(1R,3S)-3-Hydroxycyclohexyl]5...	318	C21H34O2	070434-82-1	25
3	Pyridin-3-ol, 2-(4-nitrophenyl)-	216	C11H8N2O3	030820-89-4	25
4	Stigmastanol	416	C29H52O	019466-47-8	25
5	11-Azatricyclo[6.2.1.0(2,7)]unde...	215	C13H13NO2	1000306-00-6	22





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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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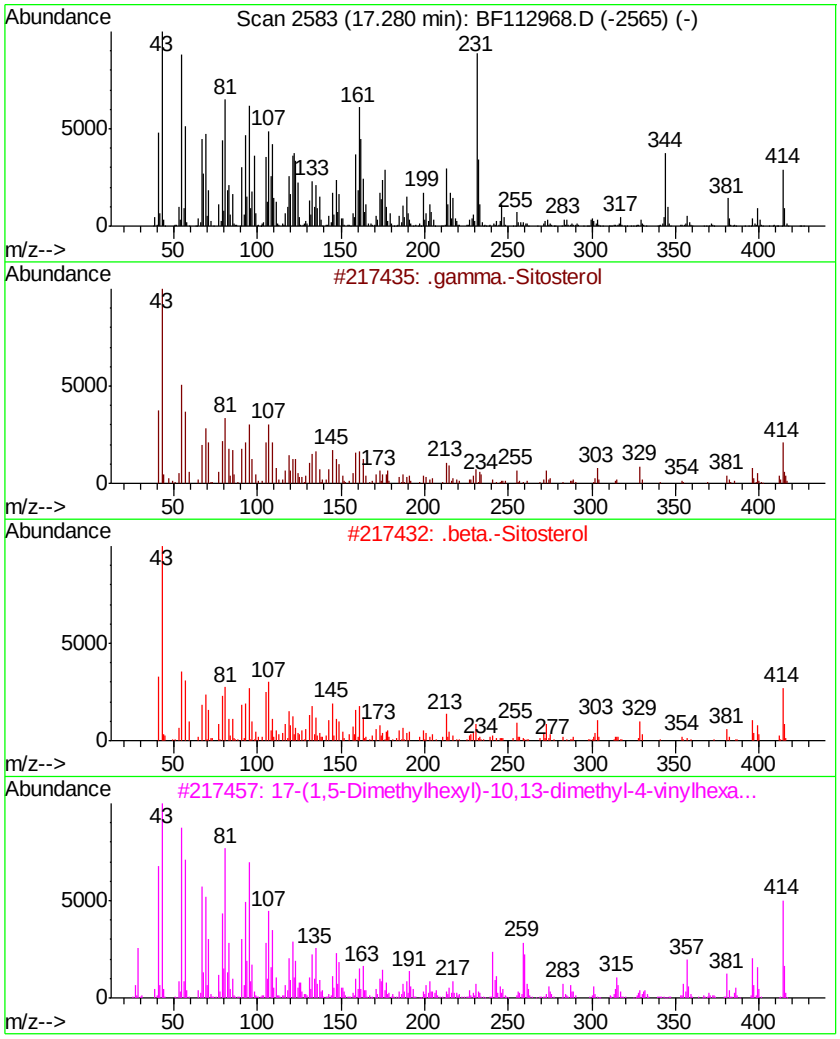
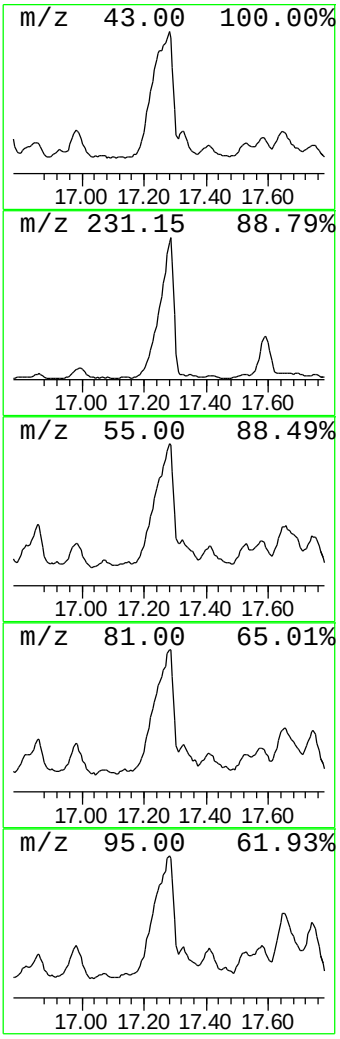
Peak Number 11 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	341.35 ng	18447400	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	60
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	47
3	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	43
4	Tricyclo[3.2.1.0(2,4)]octane-3-c...	231	C14H17NO2	1000297-39-2	27
5	Adenine, N4-trifluoroacetyl-	231	C7H4F3N5O	1000374-88-1	25





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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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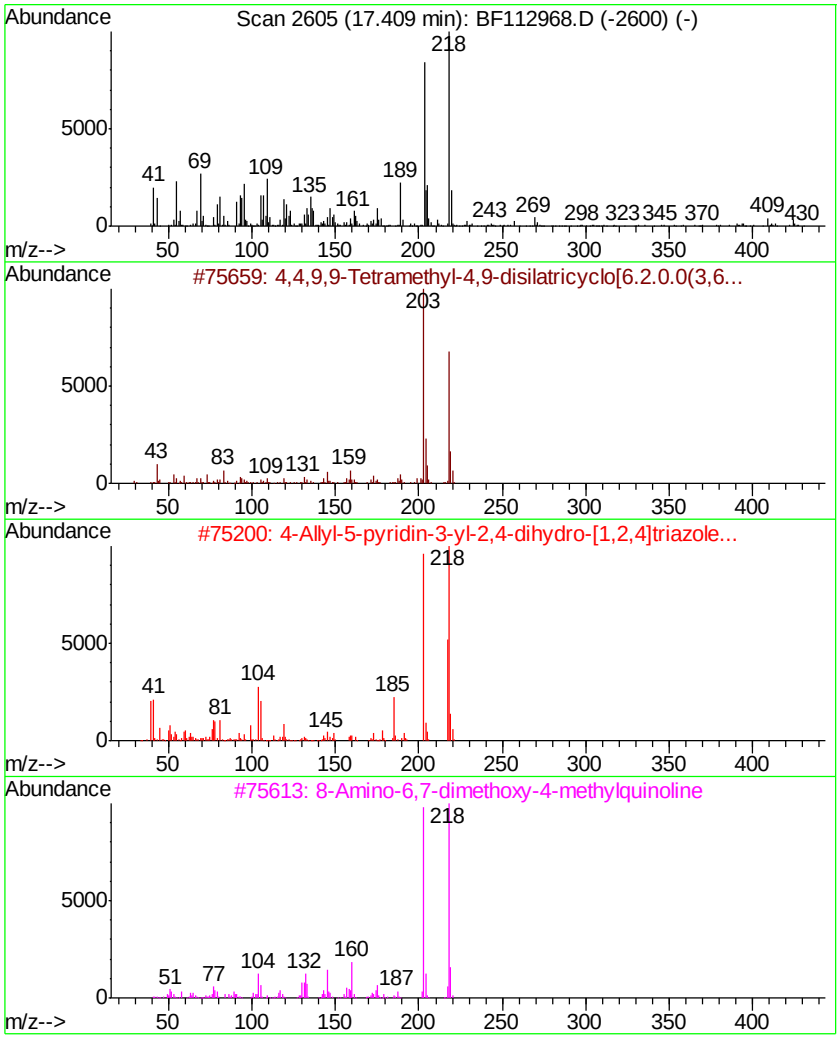
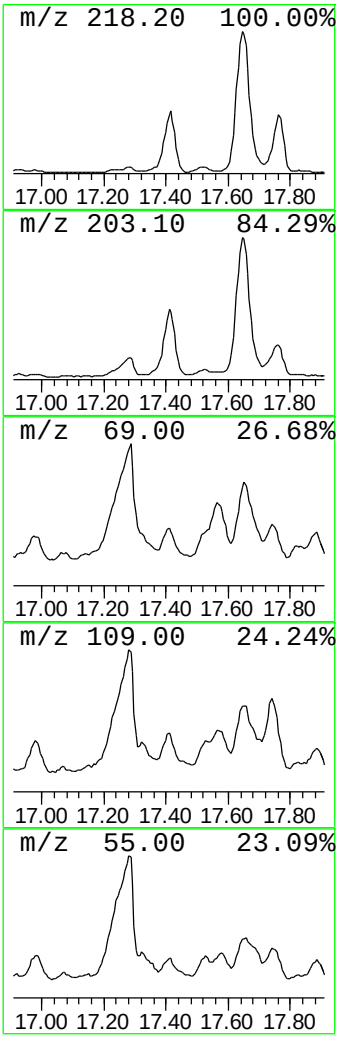
Peak Number 12 4,4,9,9-Tetramethyl-4,9-dis... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	36.76 ng	1986870	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4,9,9-Tetramethyl-4,9-disilatr...	218	C12H18Si2	1000280-67-7	50
2	4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	49
3	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	49
4	5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	47
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	46





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

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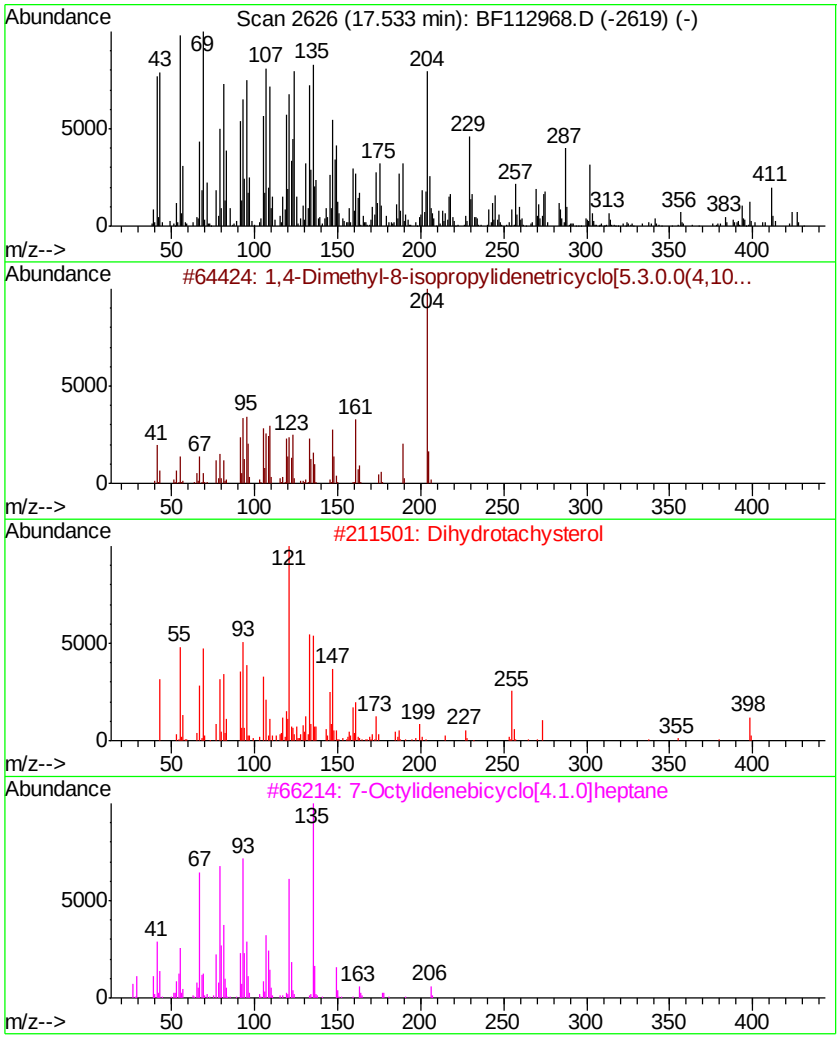
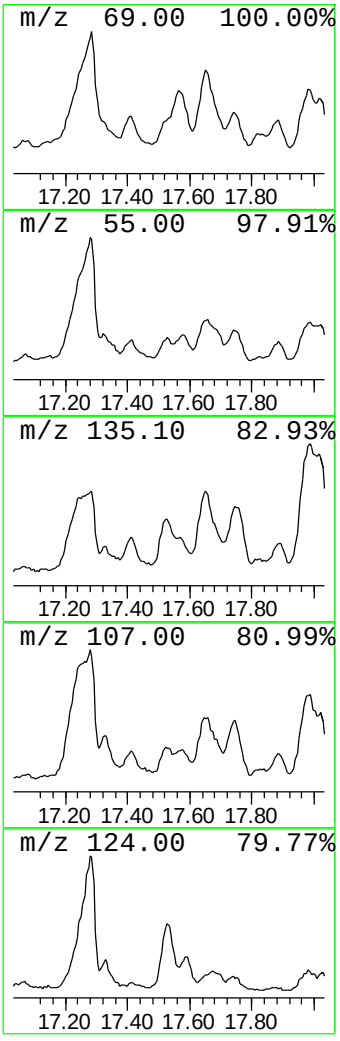
Peak Number 13 1,4-Dimethyl-8-isopropylide... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	29.98 ng	1620080	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	83
2	Dihydrotachysterol	398	C28H46O	000067-96-9	80
3	7-Octylidenebicyclo[4.1.0]heptane	206	C15H26	082253-11-0	45
4	Testosterone cypionate	412	C27H40O3	000058-20-8	44
5	cis-(-)-2,4a,5,6,9a-Hexahydro-3,...	204	C15H24	1000104-20-1	42





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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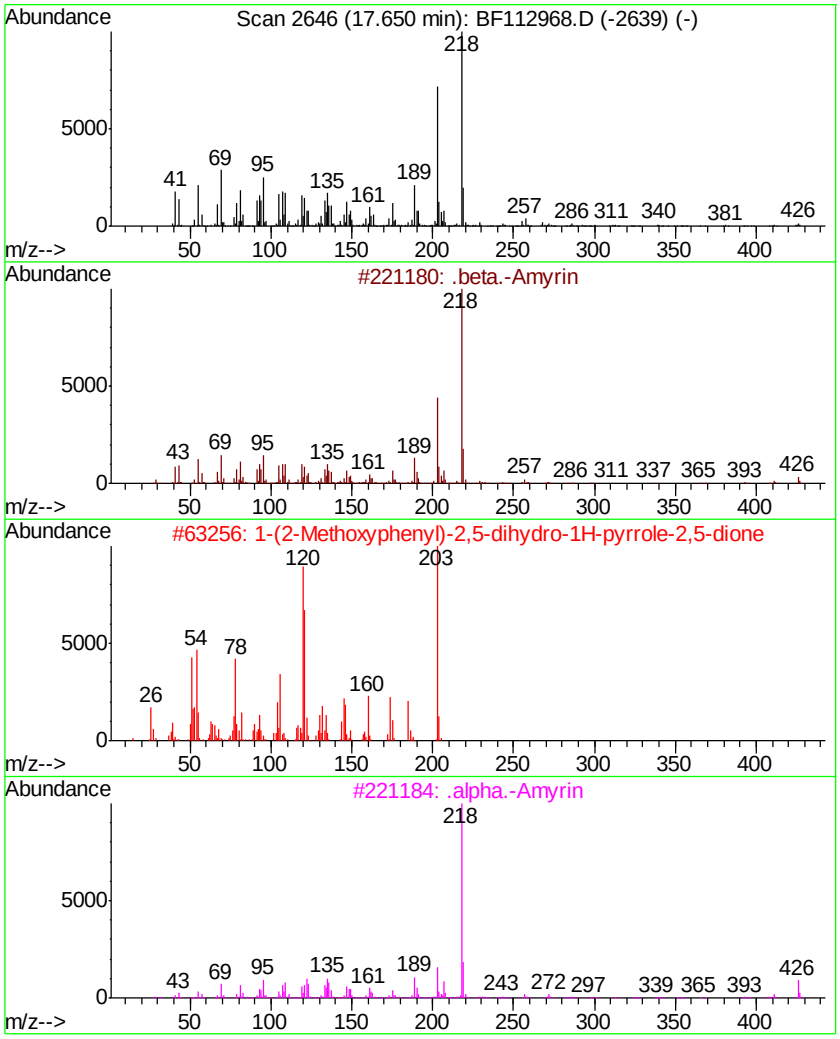
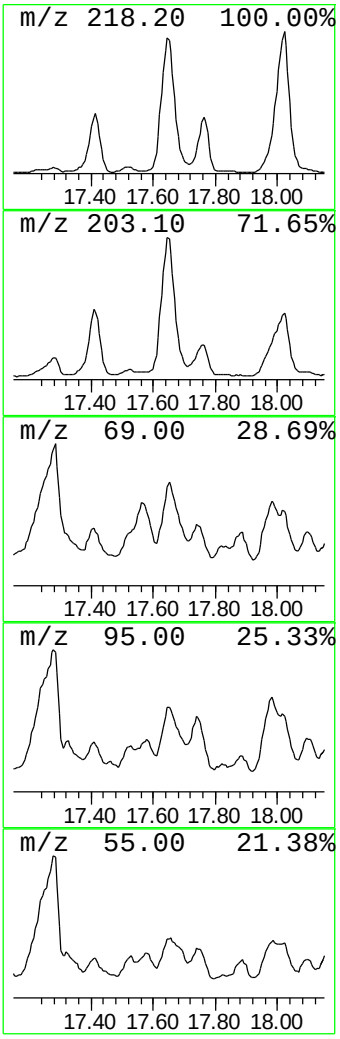
Peak Number 14 .beta.-Amyrin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	99.95 ng	5401630	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	91
2	1-(2-Methoxyphenyl)-2,5-dihydro-...	203	C11H9NO3	017392-68-6	90
3	.alpha.-Amyrin	426	C30H50O	000638-95-9	86
4	Olean-12-ene	410	C30H50	000471-68-1	78
5	.beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	72





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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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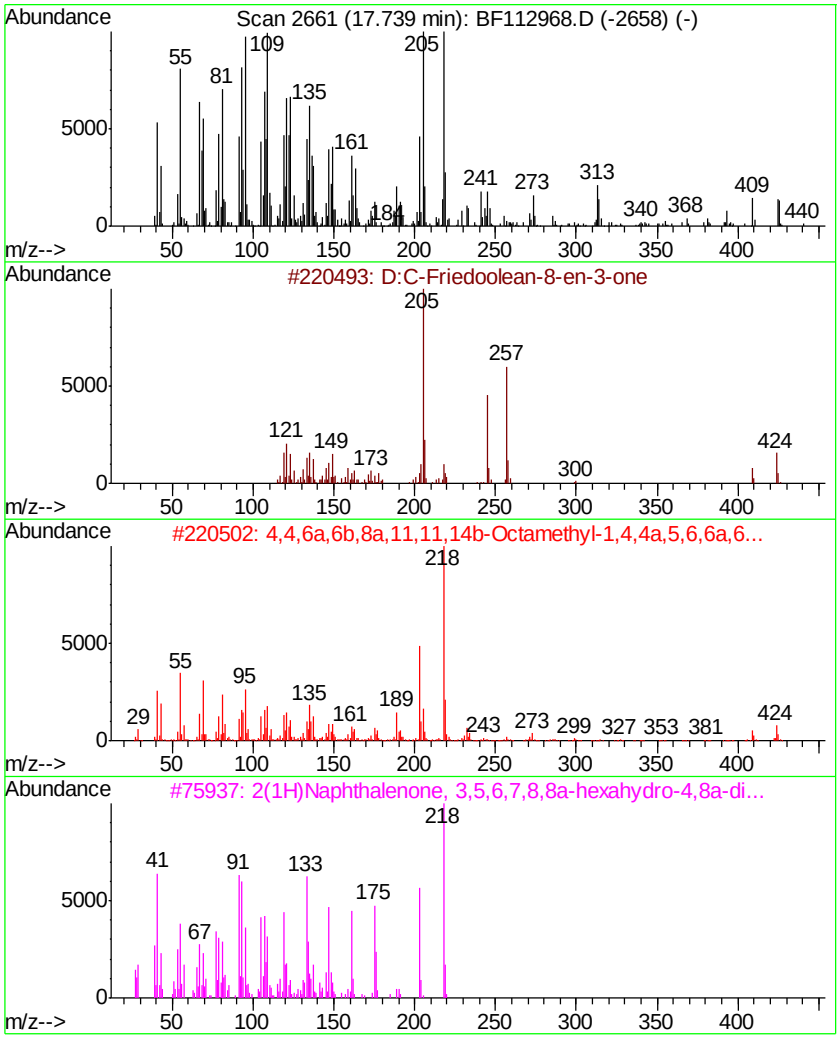
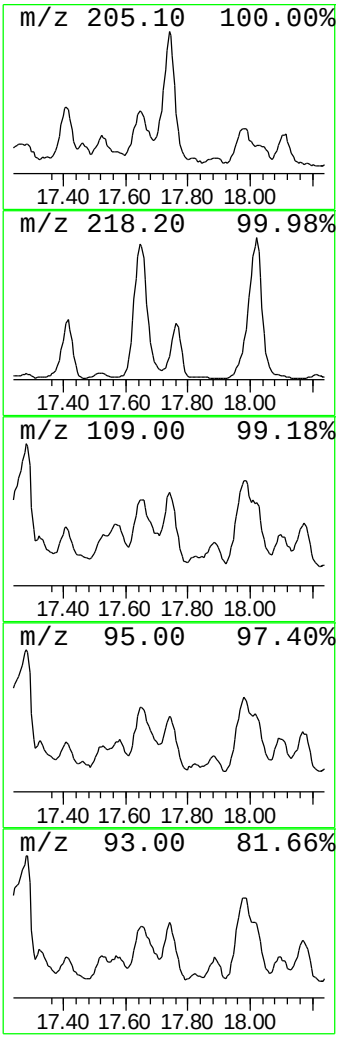
Peak Number 15 D:C-Friedoolean-8-en-3-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	62.63 ng	3384610	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	55
2	4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H48O	1000194-62-4	55
3	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	52
4	(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	41
5	.beta.-Amyrin	426	C30H50O	000559-70-6	38





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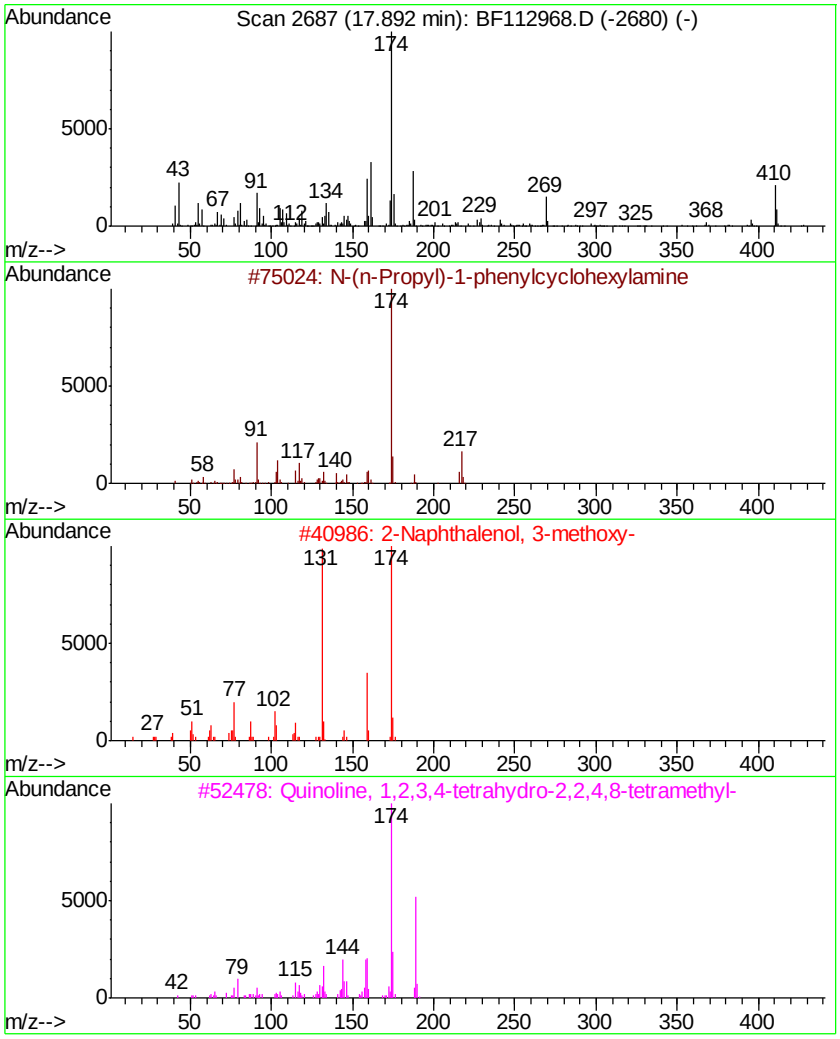
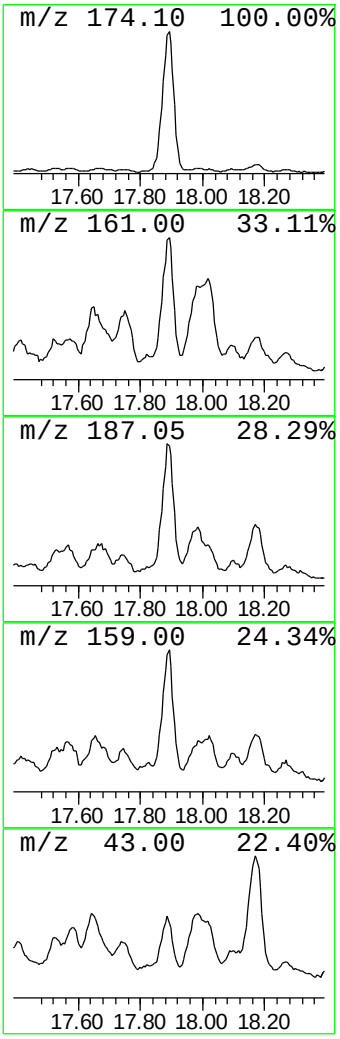
Peak Number 16 unknown17.89 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	42.18 ng	2279670	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(n-Propyl)-1-phenylcyclohexyla...	217	C15H23N	018949-81-0	38
2	2-Naphthalenol, 3-methoxy-	174	C11H10O2	018515-11-2	37
3	Quinoline, 1,2,3,4-tetrahydro-2,...	189	C13H19N	1000308-78-8	37
4	2,2,4-Trimethyl-1,2-dihydro-quin...	189	C12H15NO	117330-56-0	35
5	3H-[1,3,4]Oxadiazole-2-thione, 5...	369	C20H20FN3OS	1000302-48-0	35





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

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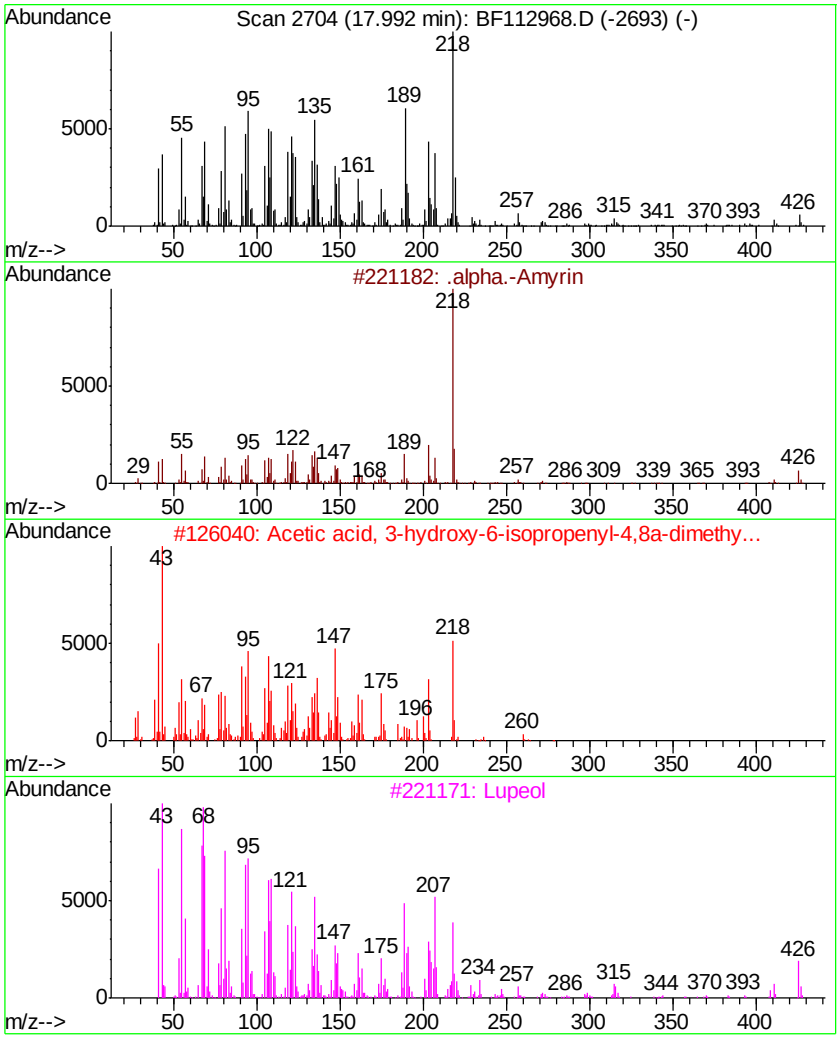
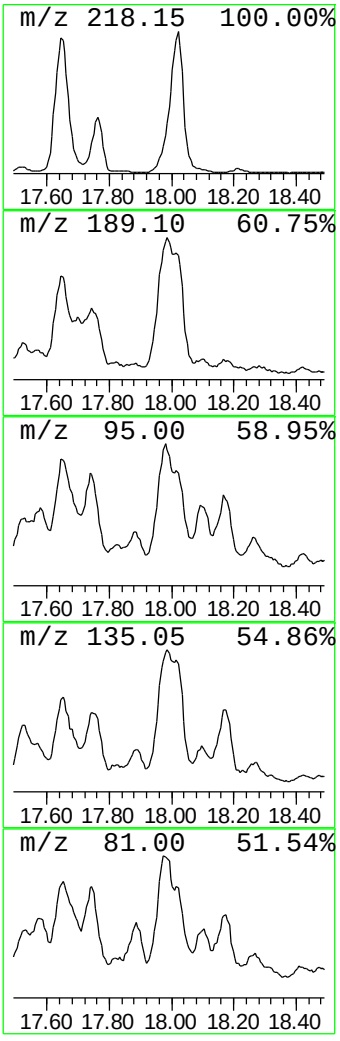
Peak Number 17 .alpha.-Amyrin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	105.48 ng	5700490	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Amyrin	426	C30H50O	000638-95-9	86
2	Acetic acid, 3-hydroxy-6-isoprop...	278	C17H26O3	1000185-44-8	70
3	Lupeol	426	C30H50O	000545-47-1	64
4	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	64
5	Guaia-9,11-diene	204	C15H24	1000374-19-8	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112968.D
Acq On : 11 Mar 2019 21:28
Operator : JU/SJ
Sample : K1823-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCK-PILE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

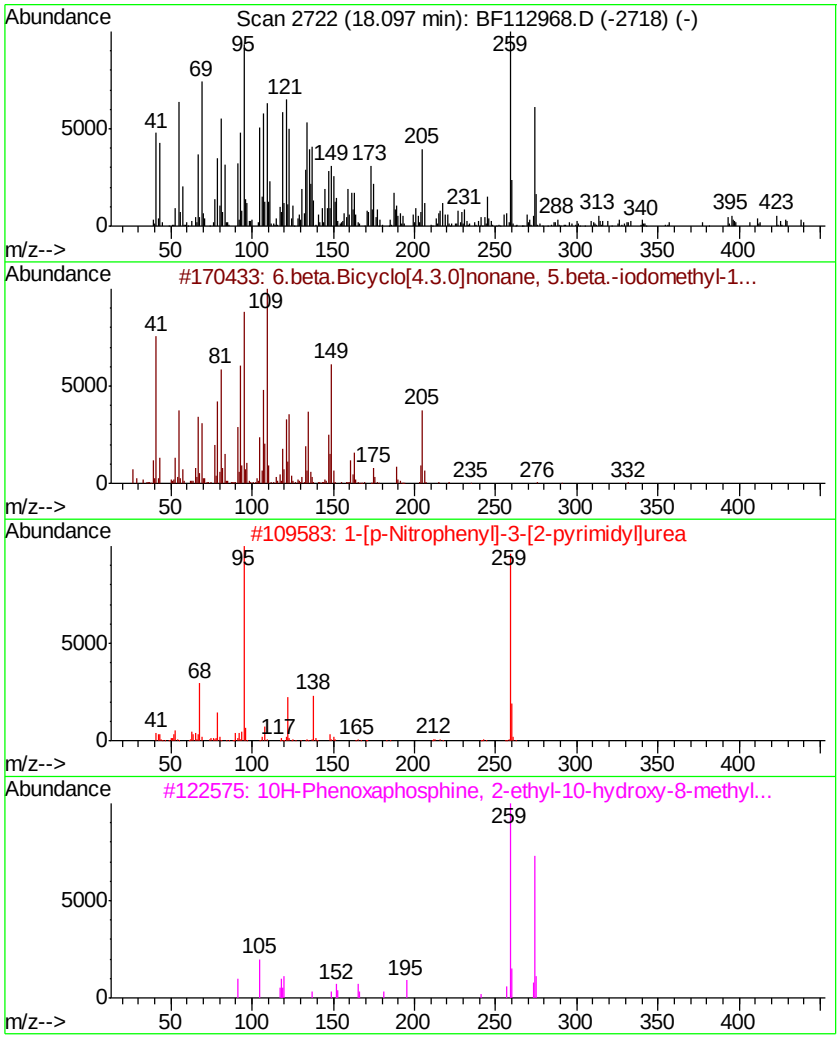
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

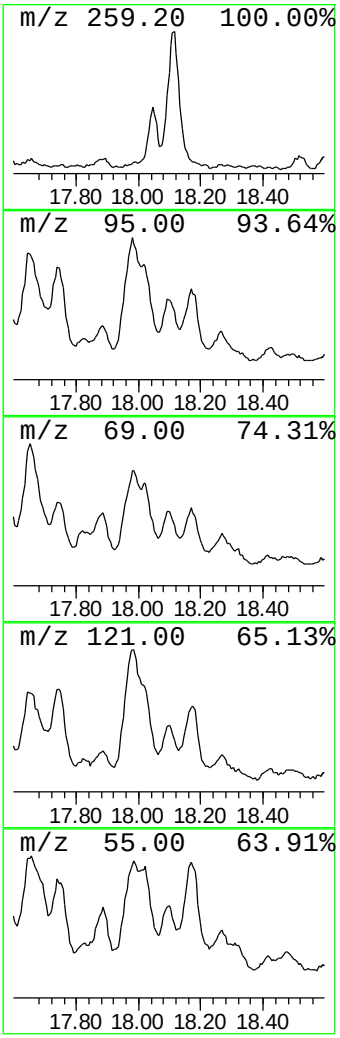
****

Peak Number 18 unknown18.10 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	17.42 ng	941687	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	38
2	1-[p-Nitrophenyl]-3-[2-pyrimidyl...	259	C11H9N5O3	023656-31-7	27
3	10H-Phenoxaphosphine, 2-ethyl-10...	274	C15H15O3P	036360-91-5	18
4	Androstan-6-one, (5.alpha.)-	274	C19H30O	003676-06-0	18
5	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	18





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Data File : BF112968.D
Acq On : 11 Mar 2019 21:28
Operator : JU/SJ
Sample : K1823-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCK-PILE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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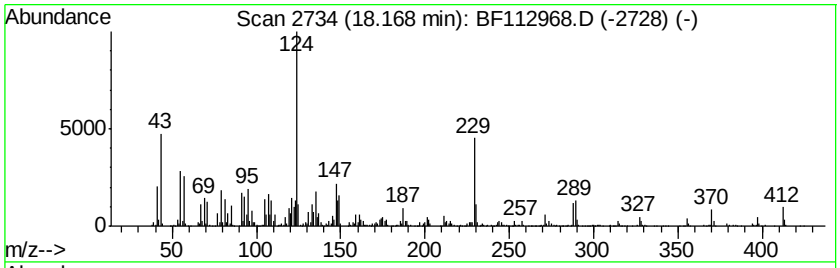
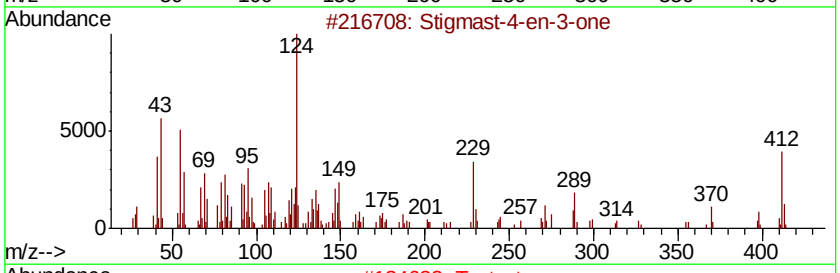
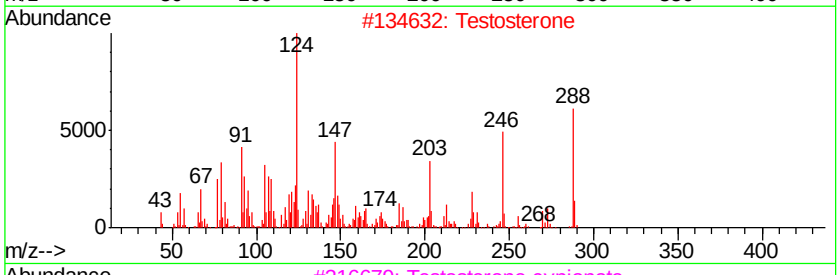
Peak Number 19 Stigmast-4-en-3-one Concentration Rank 4

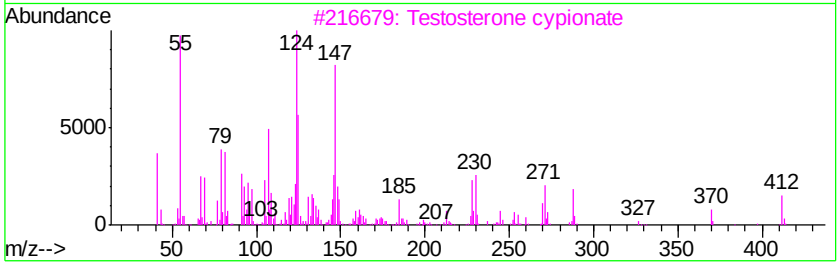
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	90.99 ng	4917220	Perylene-d12	15.28

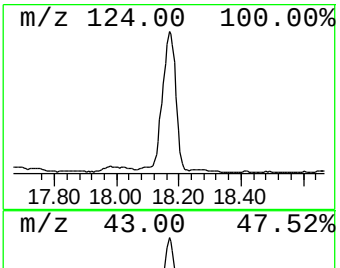
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	95
2	Testosterone	288	C19H28O2	000058-22-0	47
3	Testosterone cypionate	412	C27H40O3	000058-20-8	41
4	Orcinol	124	C7H8O2	000504-15-4	38
5	1-Methyl-l-histidine, trimethyls...	241	C10H19N3O2Si	1000333-77-7	38

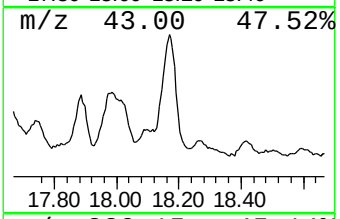


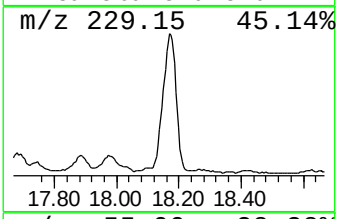


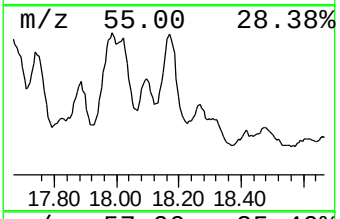


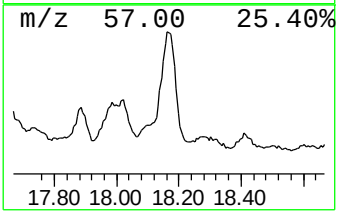












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Sample : K1823-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCK-PILE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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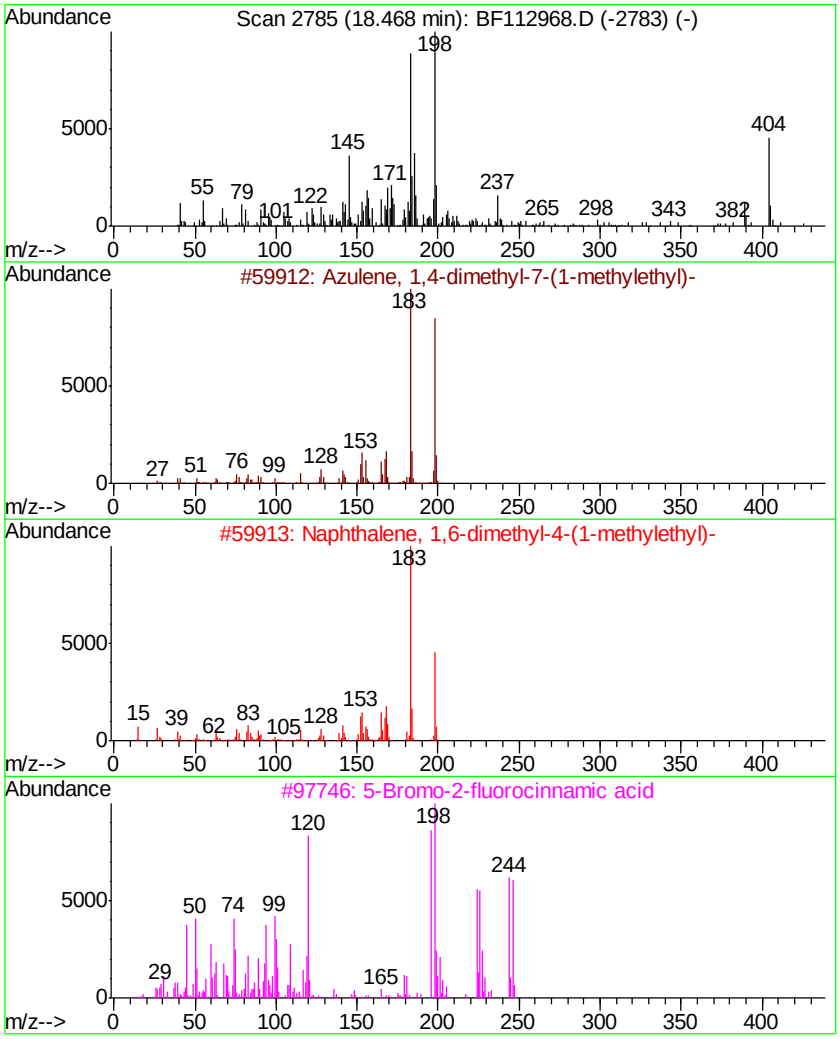
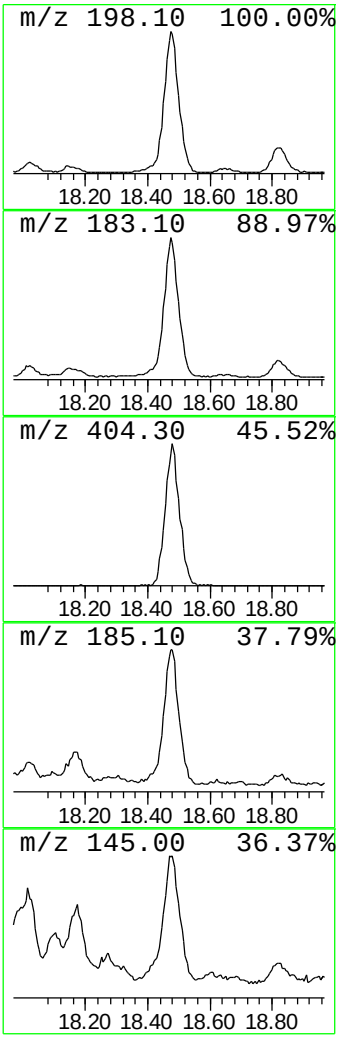
Peak Number 20 Azulene, 1,4-dimethyl-7-(1-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	39.06 ng	2110800	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	92
2	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	64
3	5-Bromo-2-fluorocinnamic acid	244	C9H6BrFO2	202865-71-2	60
4	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	49
5	1,2,3,4-Tetrahydrophenanthren-9-ol	198	C14H14O	019817-12-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
Data File : BF112968.D
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Operator : JU/SJ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.50	6.50	64.2	ng	2902400	1	6.73	903610	20.0
n-Hexadecanoic acid	11.80	39.7	ng	4432310	4	11.24	2233040	20.0
Dehydroabietic acid	13.71	62.4	ng	7175460	5	13.87	2301250	20.0
Cyclotetracosane	14.36	18.3	ng	2104880	5	13.87	2301250	20.0
Squalene	14.72	25.9	ng	1399970	6	15.28	1080860	20.0
Hexacosane	14.97	51.1	ng	2760540	6	15.28	1080860	20.0
Pentadecane, 8-he...	15.73	59.0	ng	3185950	6	15.28	1080860	20.0
(+)-.gamma.-Tocop...	15.97	46.8	ng	2529650	6	15.28	1080860	20.0
Ergostanol	16.98	44.8	ng	2421850	6	15.28	1080860	20.0
.gamma.-Sitosterol	17.28	341.4	ng	18447400	6	15.28	1080860	20.0
4,4,9,9-Tetrameth...	17.41	36.8	ng	1986870	6	15.28	1080860	20.0
1,4-Dimethyl-8-is...	17.53	30.0	ng	1620080	6	15.28	1080860	20.0
.beta.-Amyrin	17.65	100.0	ng	5401630	6	15.28	1080860	20.0
D:C-Friedoolean-8...	17.74	62.6	ng	3384610	6	15.28	1080860	20.0
unknown17.89	17.89	42.2	ng	2279670	6	15.28	1080860	20.0
.alpha.-Amyrin	17.99	105.5	ng	5700490	6	15.28	1080860	20.0
unknown18.10	18.10	17.4	ng	941687	6	15.28	1080860	20.0
Stigmast-4-en-3-one	18.17	91.0	ng	4917220	6	15.28	1080860	20.0
Azulene, 1,4-dime...	18.47	39.1	ng	2110800	6	15.28	1080860	20.0