LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116403.D
Acq On : 19 Aug 2019 22:22
Operator : HP/JU
Sample : K4223-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

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-BF073019.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	5.428	565	568	597	rBV	1422453	2002240	55.40%	3.904%
2	6.445	738	741	756	rBV	1857947	2139002	59.18%	4.171%
3	6.575	760	763	773	rVB	2126116	2173770	60.14%	4.239%
4	6.804	799	802	813	rVB	622073	579718	16.04%	1.130%
5	6.957	825	828	849	rBV	1820859	1664691	46.06%	3.246%
6	7.369	895	898	920	rBV	1345900	1380022	38.18%	2.691%
7	8.081	1016	1019	1033	rBV	736927	796816	22.05%	1.554%
8	9.151	1198	1201	1208	rBV	2548638	2212727	61.22%	4.315%
9	9.463	1250	1254	1256	rBV2	37946	37546	1.04%	0.073%
10	9.486	1256	1258	1263	rVV	163950	136154	3.77%	0.265%
11	9.551	1263	1269	1272	rVV	496920	471656	13.05%	0.920%
12	9.586	1272	1275	1279	rVB3	78071	79052	2.19%	0.154%
13	9.675	1285	1290	1293	rBV2	31407	39877	1.10%	0.078%
14	9.739	1297	1301	1303	rBV4	51210	49953	1.38%	0.097%
15	9.833	1314	1317	1320	rBV	1149252	985288	27.26%	1.921%
16	9.857	1320	1321	1325	rVV3	114479	76867	2.13%	0.150%
17	9.904	1327	1329	1332	rVB2	48238	38986	1.08%	0.076%
18	9.951	1332	1337	1341	rBV	225798	221409	6.13%	0.432%
19	9.986	1341	1343	1346	rVB	54949	45868	1.27%	0.089%
20	10.057	1349	1355	1357	rBV5	34557	55496	1.54%	0.108%
21	10.122	1363	1366	1370	rVB	99351	100076	2.77%	0.195%
22	10.498	1428	1430	1433	rVB	96774	80517	2.23%	0.157%
23	10.551	1436	1439	1442	rBV4	53225	58958	1.63%	0.115%
24	10.627	1448	1452	1455	rBV	1513391	1494815	41.36%	2.915%
25	10.680	1459	1461	1467	rVB	63934	76973	2.13%	0.150%
26	10.739	1467	1471	1476	rVB2	71162	76555	2.12%	0.149%
27	10.827	1482	1486	1489	rBV4	26142	39184	1.08%	0.076%
28	10.927	1500	1503	1511	rBV	73403	76761	2.12%	0.150%
29	11.010	1511	1517	1519	rBV5	54938	114514	3.17%	0.223%
30	11.033	1519	1521	1532	rVB3	77563	108329	3.00%	0.211%
31	11.321	1564	1570	1573	rBV	1180278	1188610	32.89%	2.318%
32	11.363	1576	1577	1580	rVB	185565	127382	3.52%	0.248%
33	11.451	1589	1592	1595	rVB	149280	143254	3.96%	0.279%
34	11.492	1597	1599	1602	rVB	47816	44988	1.24%	0.088%

LSC Area Percent Report

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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.698	1631	1634	1638	rVB2	71409	87796	2.43%	0.171%
36	11.798	1645	1651	1654	rBV2	160942	237346	6.57%	0.463%
37	11.851	1655	1660	1669	rBV	1203675	1603935	44.38%	3.127%
38	12.004	1683	1686	1698	rVB4	316766	383344	10.61%	0.747%
39	12.098	1699	1702	1704	rVV3	53734	60173	1.66%	0.117%
40	12.133	1707	1708	1712	rVV2	85791	69460	1.92%	0.135%
41	12.192	1716	1718	1722	rVB2	71158	60516	1.67%	0.118%
42	12.251	1722	1728	1731	rBV3	79895	110264	3.05%	0.215%
43	12.327	1738	1741	1744	rBV5	29070	46792	1.29%	0.091%
44	12.380	1747	1750	1752	rVV2	130380	160600	4.44%	0.313%
45	12.404	1752	1754	1758	rVV3	134438	114181	3.16%	0.223%
46	12.457	1760	1763	1773	rBV	494682	629468	17.42%	1.227%
47	12.539	1773	1777	1778	rBV	706216	805838	22.30%	1.571%
48	12.557	1778	1780	1789	rVV2	1229469	1789489	49.51%	3.489%
49	12.627	1789	1792	1800	rVV	579729	828704	22.93%	1.616%
50	12.721	1804	1808	1811	rVV2	210596	265372	7.34%	0.517%
51	12.768	1811	1816	1821	rVV	260017	376807	10.43%	0.735%
52	12.810	1821	1823	1828	rVB3	76761	86093	2.38%	0.168%
53	12.898	1834	1838	1842	rBV	2814374	2454928	67.92%	4.787%
54	12.951	1845	1847	1850	rBV3	40586	42201	1.17%	0.082%
55	13.080	1865	1869	1870	rBV3	45308	66025	1.83%	0.129%
56	13.163	1881	1883	1886	rBV3	47247	55411	1.53%	0.108%
57	13.286	1901	1904	1908	rBV4	185834	285142	7.89%	0.556%
58	13.321	1908	1910	1916	rVV2	385076	698384	19.32%	1.362%
59	13.392	1920	1922	1924	rVV	143729	137167	3.80%	0.267%
60	13.415	1924	1926	1931	rVB2	234868	238301	6.59%	0.465%
61	13.510	1939	1942	1946	rBV3	64522	83322	2.31%	0.162%
62	13.639	1961	1964	1966	rBV3	92500	111163	3.08%	0.217%
63	13.663	1966	1968	1975	rVB2	279691	303045	8.38%	0.591%
64	13.751	1980	1983	1986	rVV	336858	357906	9.90%	0.698%
65	13.792	1986	1990	1995	rVB	602910	700879	19.39%	1.367%
66	13.874	2001	2004	2009	rBV	174728	183970	5.09%	0.359%
67	13.921	2010	2012	2015	rBV	88042	107157	2.96%	0.209%
68	13.962	2016	2019	2023	rBV	870068	896253	24.80%	1.748%
69	14.104	2040	2043	2045	rBV	103824	80802	2.24%	0.158%
70	14.410	2091	2095	2103	rBV2	646104	1045087	28.92%	2.038%
71	14.604	2126	2128	2130	rBV	69934	59206	1.64%	0.115%

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72	14.662	2135	2138	2140	rVV	79613	81418	2.25%	0.159%
73	14.704	2142	2145	2148	rVB	242232	230740	6.38%	0.450%
74	14.774	2154	2157	2162	rVB	305784	332194	9.19%	0.648%
75	14.921	2179	2182	2187	rBV4	102576	148479	4.11%	0.290%
76	15.033	2196	2201	2204	rVV	1846411	2024815	56.02%	3.948%
77	15.062	2204	2206	2212	rVB	195291	240891	6.66%	0.470%
78	15.286	2241	2244	2252	rVV3	82014	144003	3.98%	0.281%
79	15.392	2256	2262	2264	rBV2	200604	320992	8.88%	0.626%
80	15.421	2264	2267	2276	rVB	575482	781490	21.62%	1.524%
81	15.645	2302	2305	2311	rVB	69652	102878	2.85%	0.201%
82	15.815	2328	2334	2339	rVB	1174174	1744409	48.26%	3.401%
83	15.868	2339	2343	2351	rBV	229881	424077	11.73%	0.827%
84	16.080	2376	2379	2391	rVB2	206162	388026	10.74%	0.757%
85	16.974	2526	2531	2540	rBV4	123748	301270	8.34%	0.587%
86	17.303	2581	2587	2592	rBV3	119435	259754	7.19%	0.506%
87	17.380	2592	2600	2613	rVV7	965041	3614304	100.00%	7.047%
88	17.486	2614	2618	2628	rVV5	215444	760332	21.04%	1.483%
89	17.574	2629	2633	2640	rVB	180699	356941	9.88%	0.696%
90	17.821	2668	2675	2684	rBV	416369	1262609	34.93%	2.462%
91	18.145	2723	2730	2736	rBV2	543549	1556160	43.06%	3.034%
92	18.292	2750	2755	2762	rVV6	151431	387494	10.72%	0.756%
93	18.368	2763	2768	2778	rVB4	249602	658773	18.23%	1.285%
94	18.697	2819	2824	2835	rVB5	204176	622635	17.23%	1.214%

Sum of corrected areas: 51285265

LSC Report - Integrated Chromatogram

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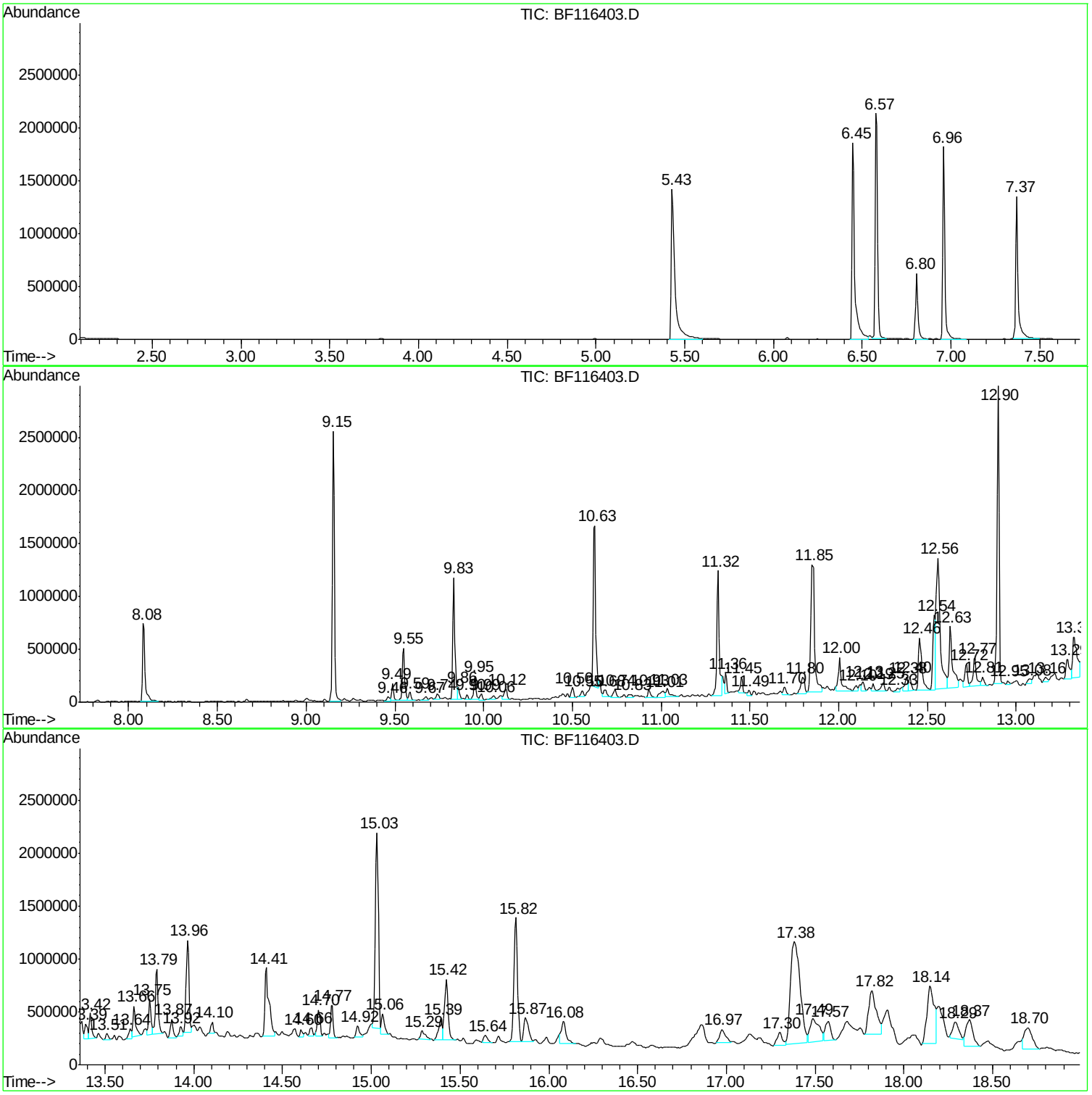
Sample : K4223-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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\BF081919\
Data File : BF116403.D
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TIC Library : C:\DATABASE\NIST11.L
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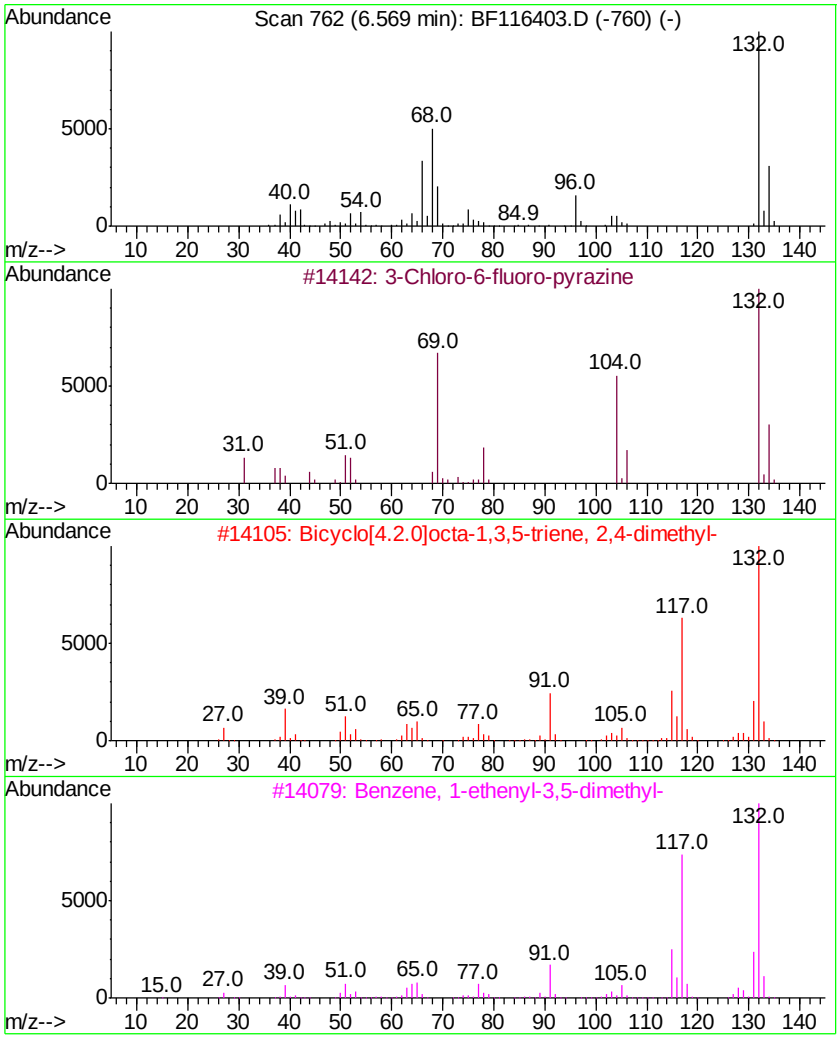
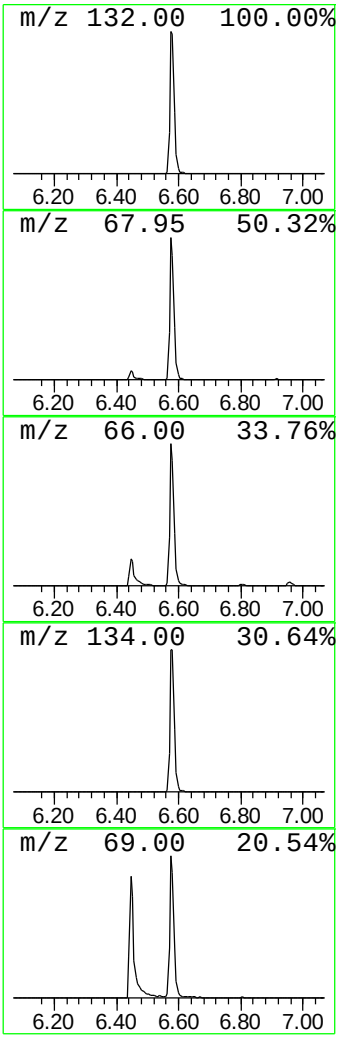
****

Peak Number 1 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	74.99 ng	2173770	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	Xenon	132	Xe	007440-63-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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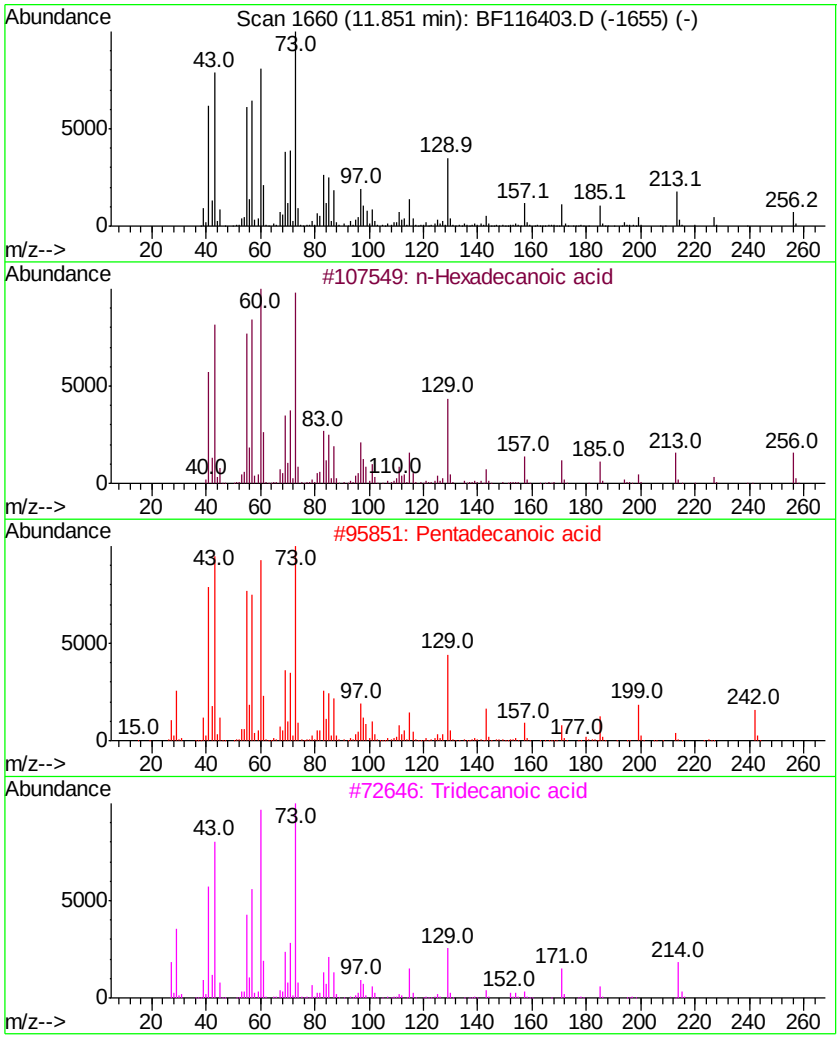
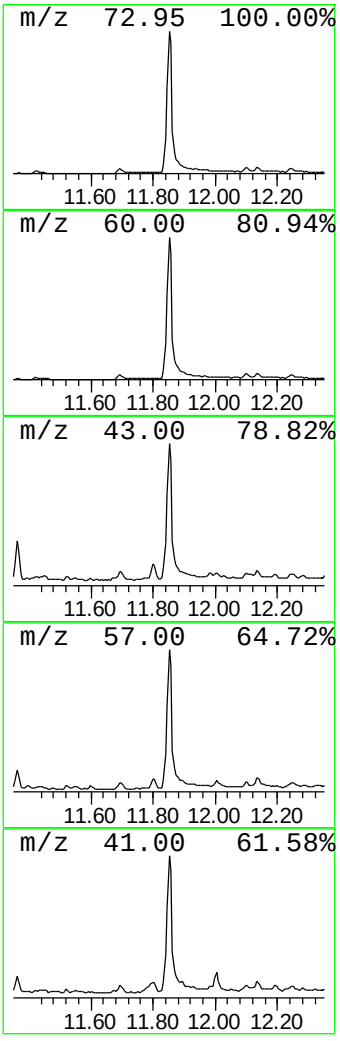
Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	26.99 ng	1603940	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	25





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Sample : K4223-09
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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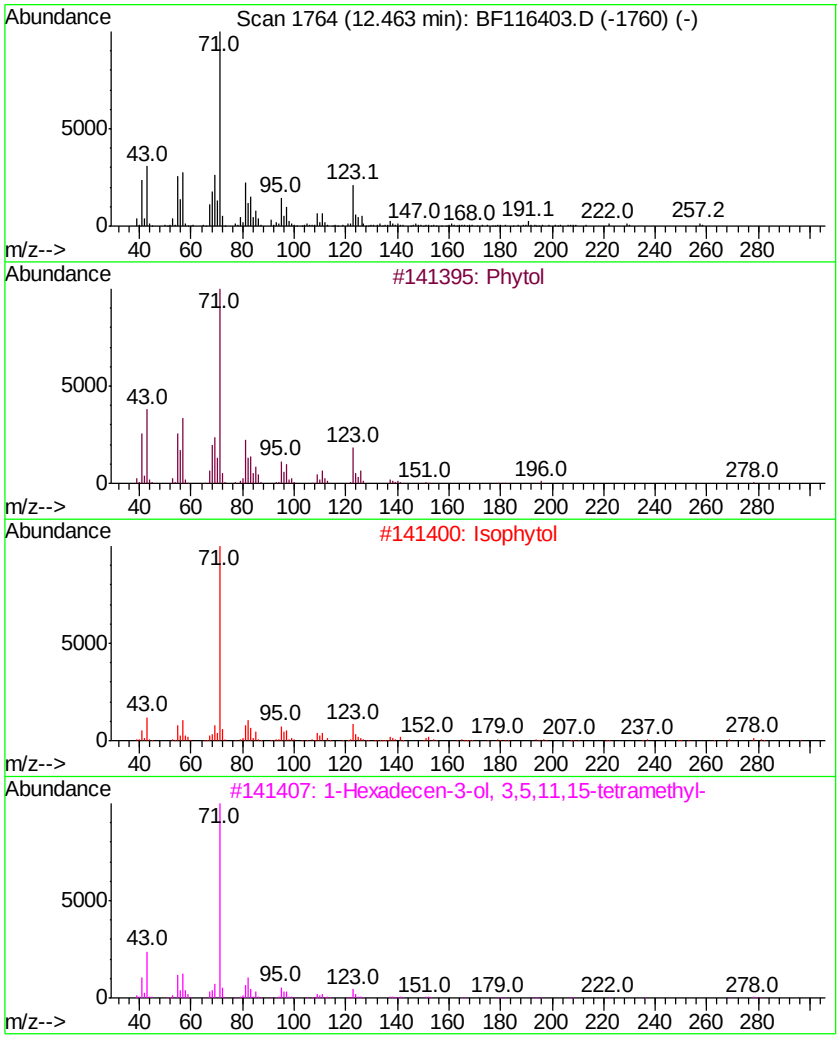
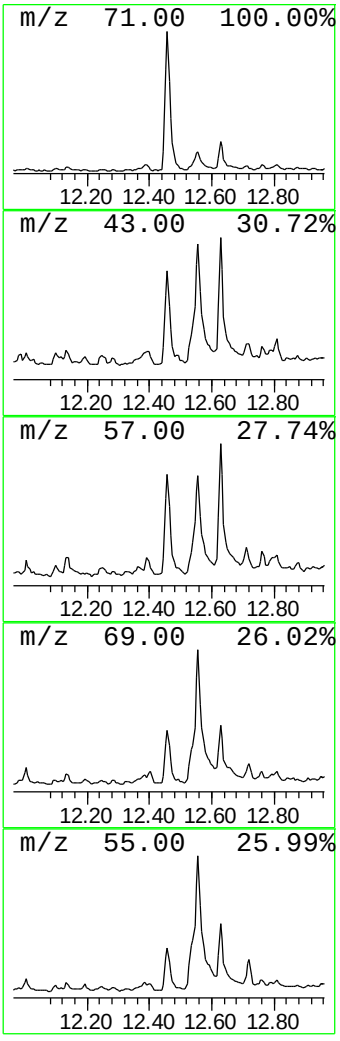
Peak Number 4 Phytol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	10.59 ng	629468	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	91
2	Isophytol	296	C20H40O	000505-32-8	72
3	1-Hexadecen-3-ol, 3,5,11,15-tetr...	296	C20H40O	1000262-55-5	64
4	Butanoic acid, tridec-2-ynyl ester	266	C17H30O2	1000299-12-6	59
5	Butyric acid, 2-pentadecyl ester	298	C19H38O2	107853-73-6	50





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

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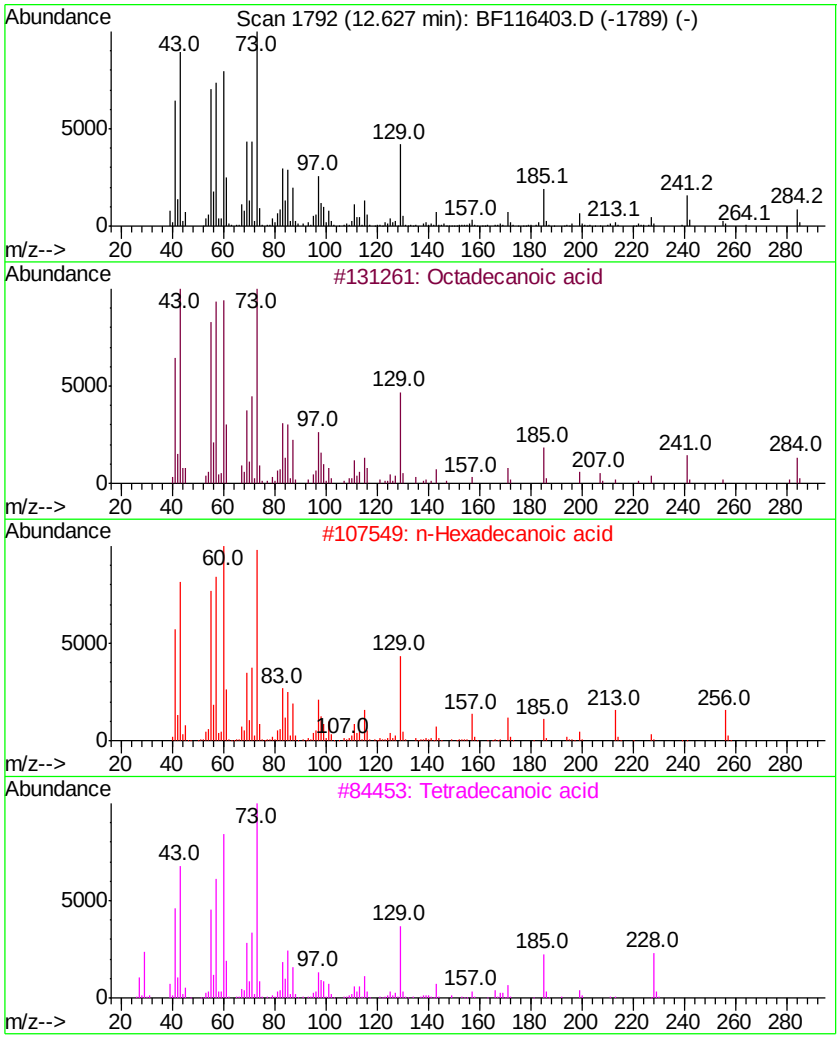
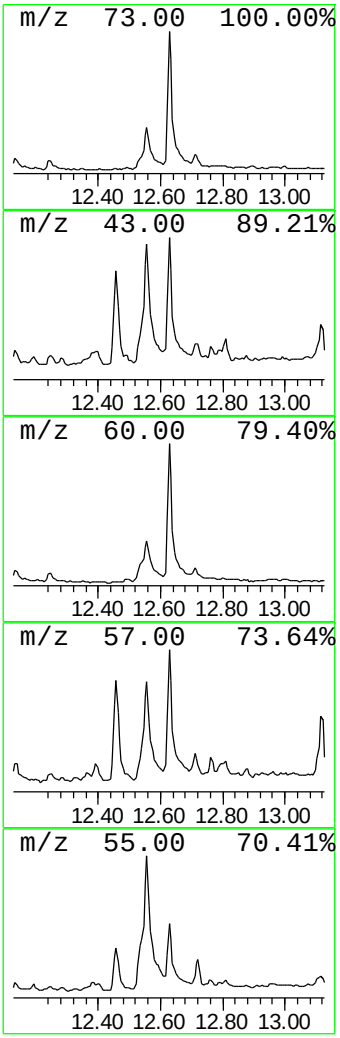
Peak Number 5 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	13.94 ng	828704	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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Sample : K4223-09
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Instrument : BNA_F
ClientSampleId : SP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

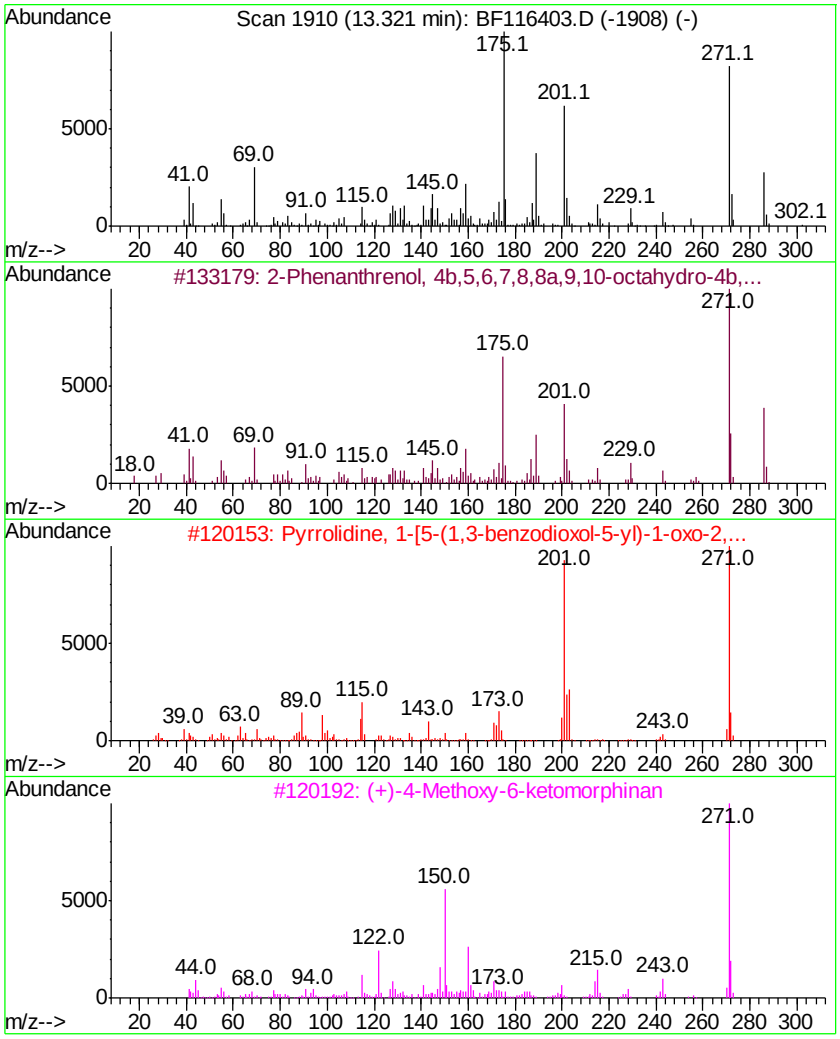
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

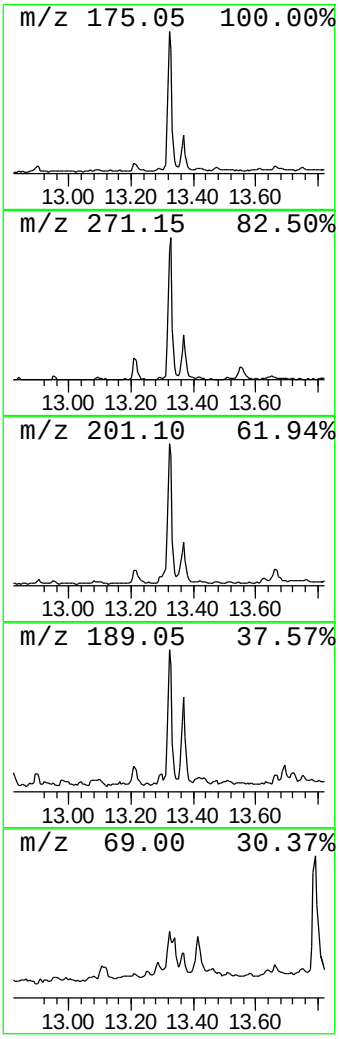
****

Peak Number 6 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	15.58 ng	698384	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	95
2	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	38
3	(+)-4-Methoxy-6-ketomorphinan	271	C17H21NO2	1000129-08-5	35
4	2,2-Bis(4'-methoxyphenyl)-2-etho...	286	C18H22O3	1000283-53-7	30
5	Crinan-1-one	271	C16H17NO3	098301-98-5	25





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Instrument : BNA_F
ClientSampleId : SP-5

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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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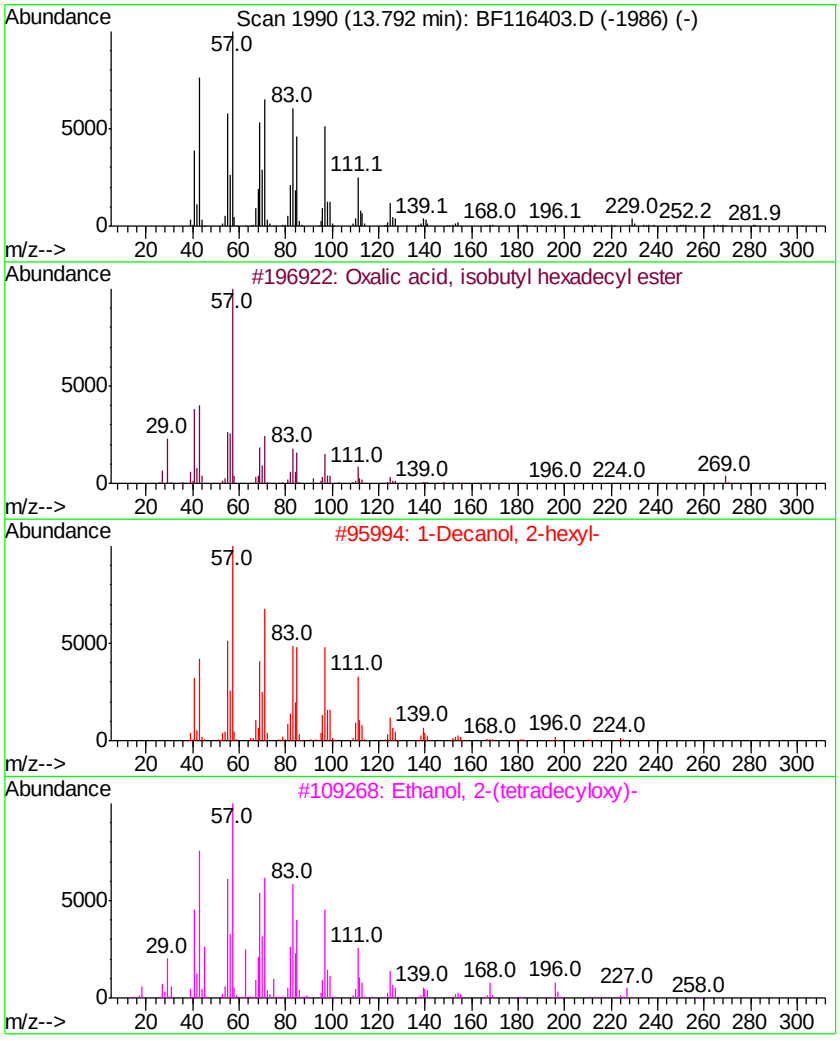
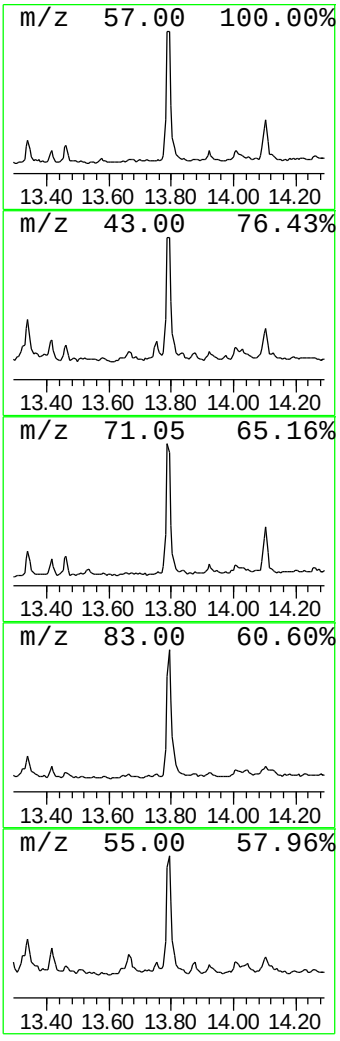
Peak Number 7 Oxalic acid, isobutyl hexad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	15.64 ng	700879	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	76
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76





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Misc :
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ClientSampleId : SP-5

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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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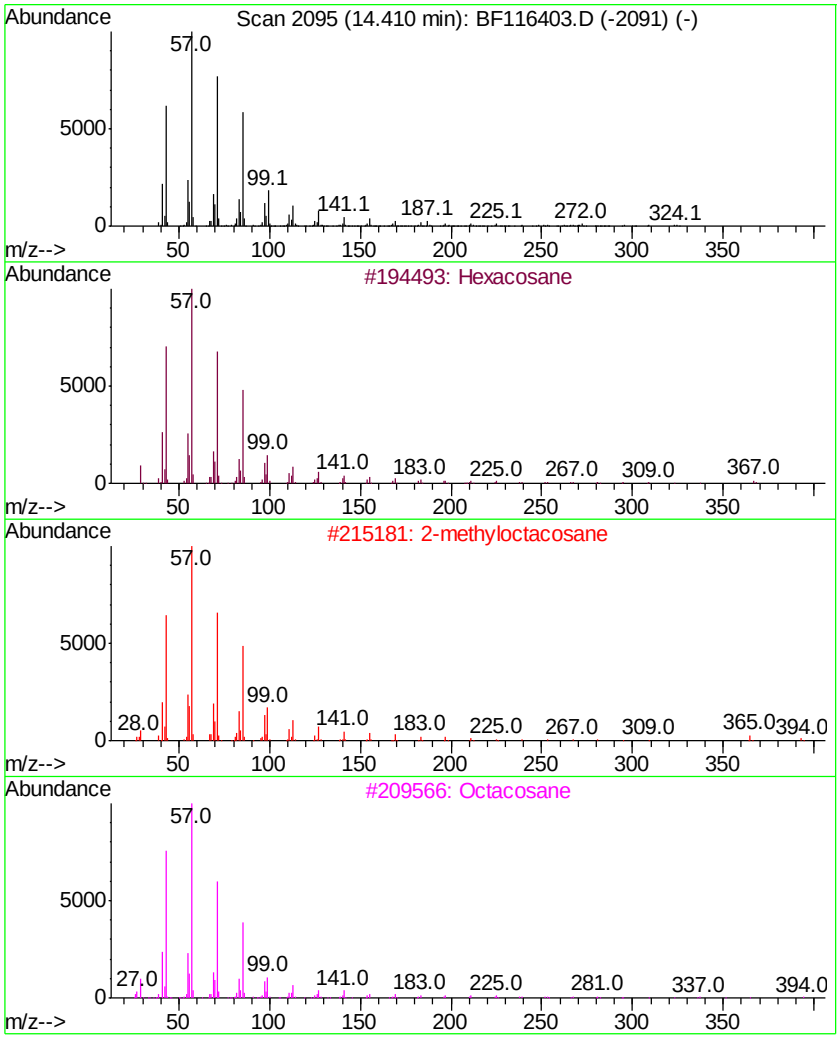
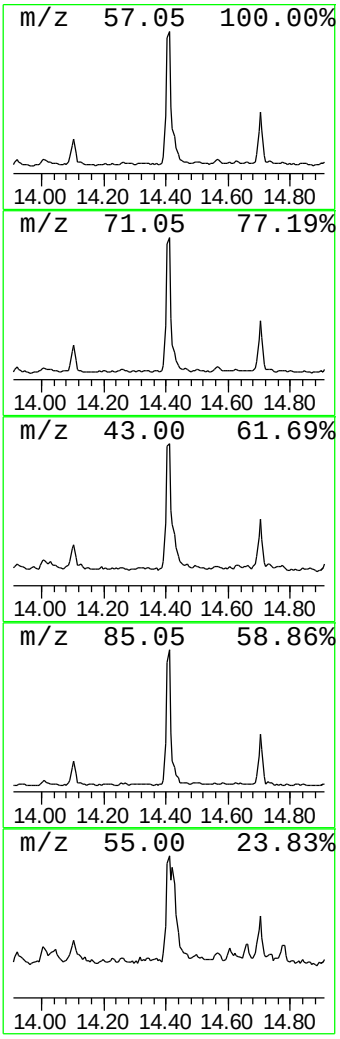
Peak Number 8 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	23.32 ng	1045090	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





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

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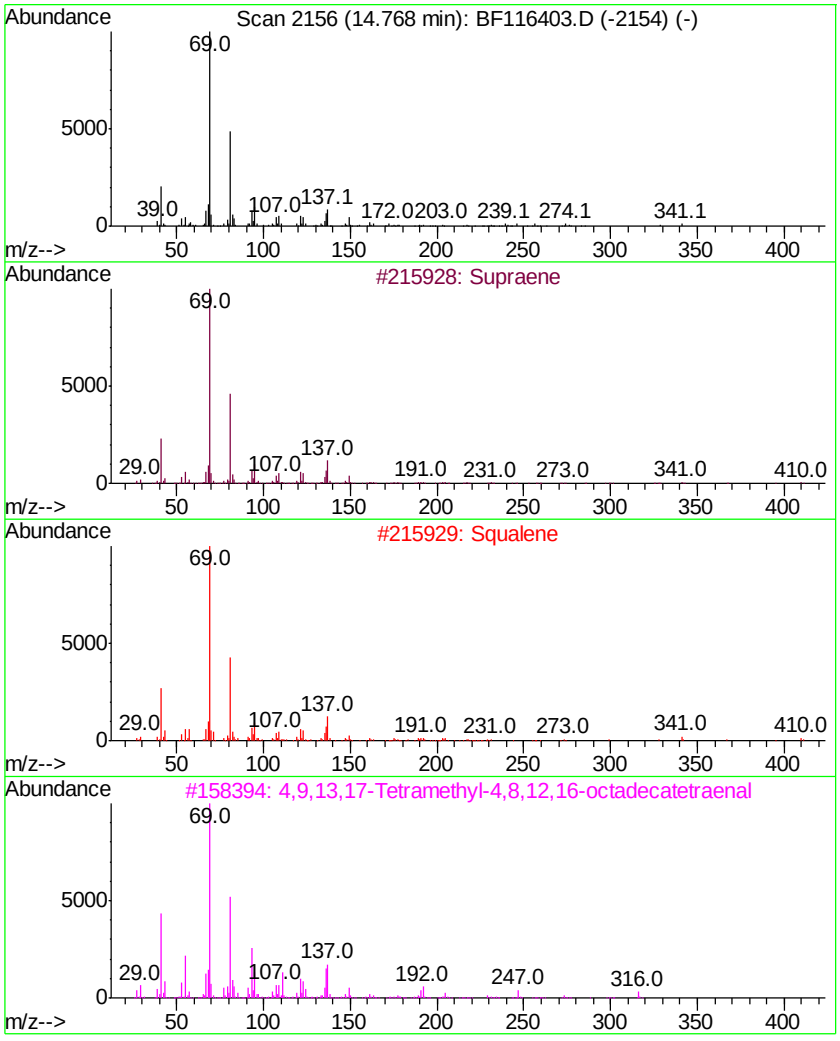
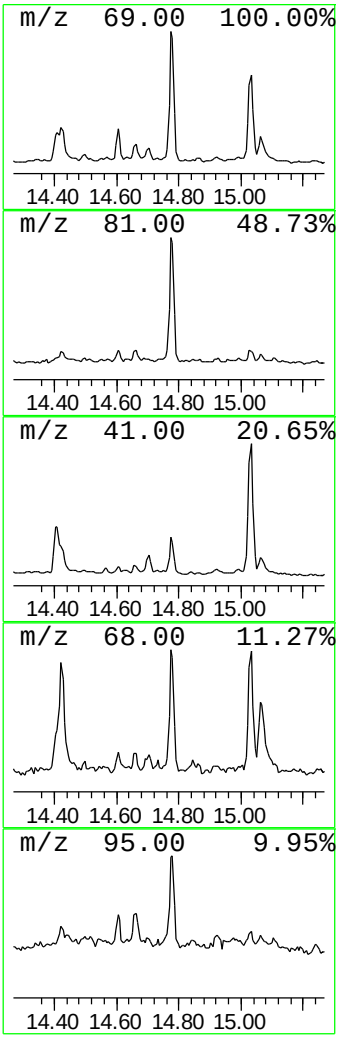
Peak Number 9 Squalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	8.50 ng	332194	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	90
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	78
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





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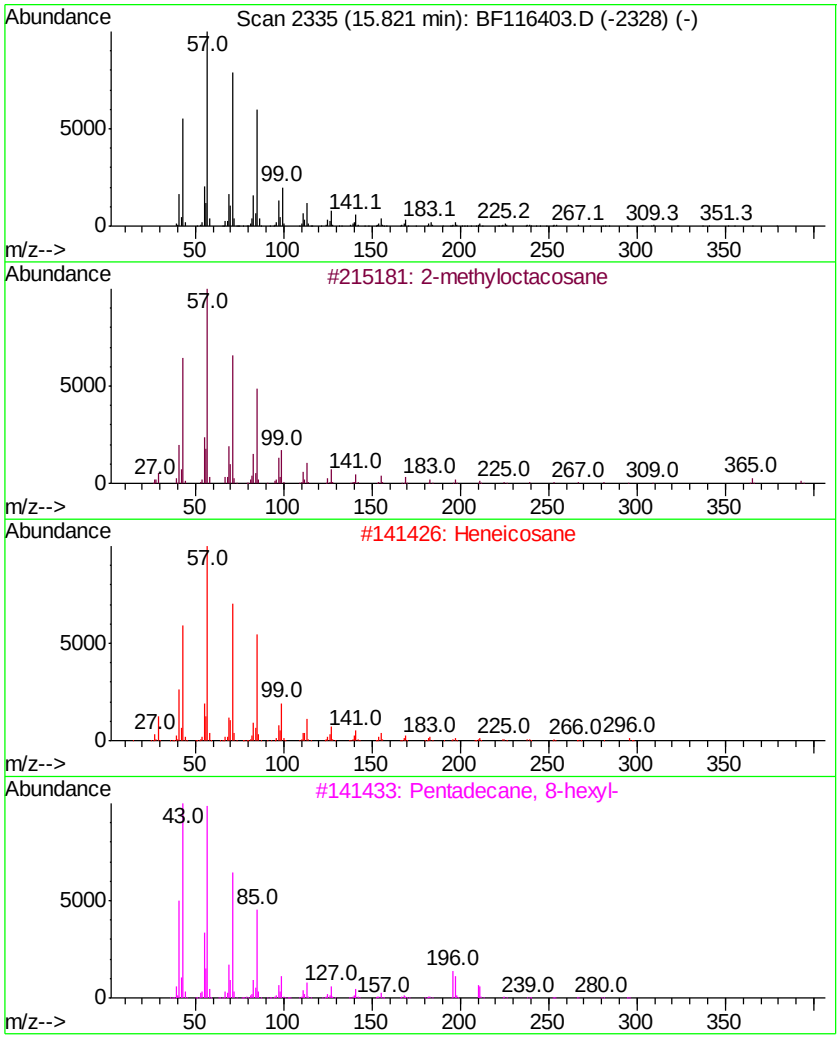
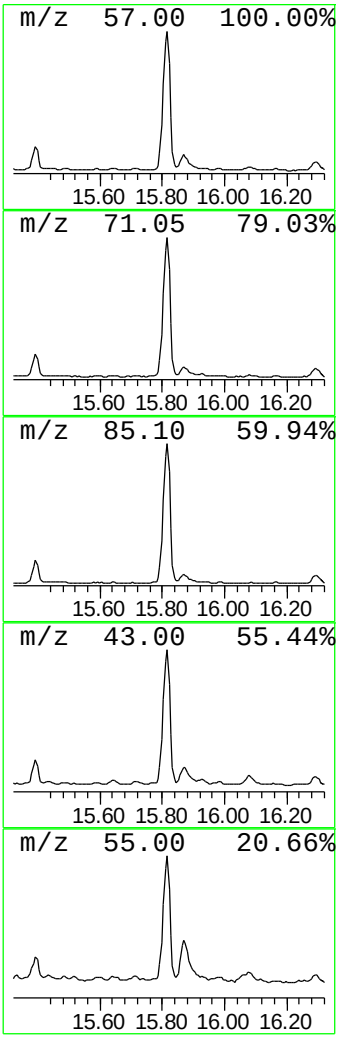
Peak Number 10 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	44.64 ng	1744410	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	90





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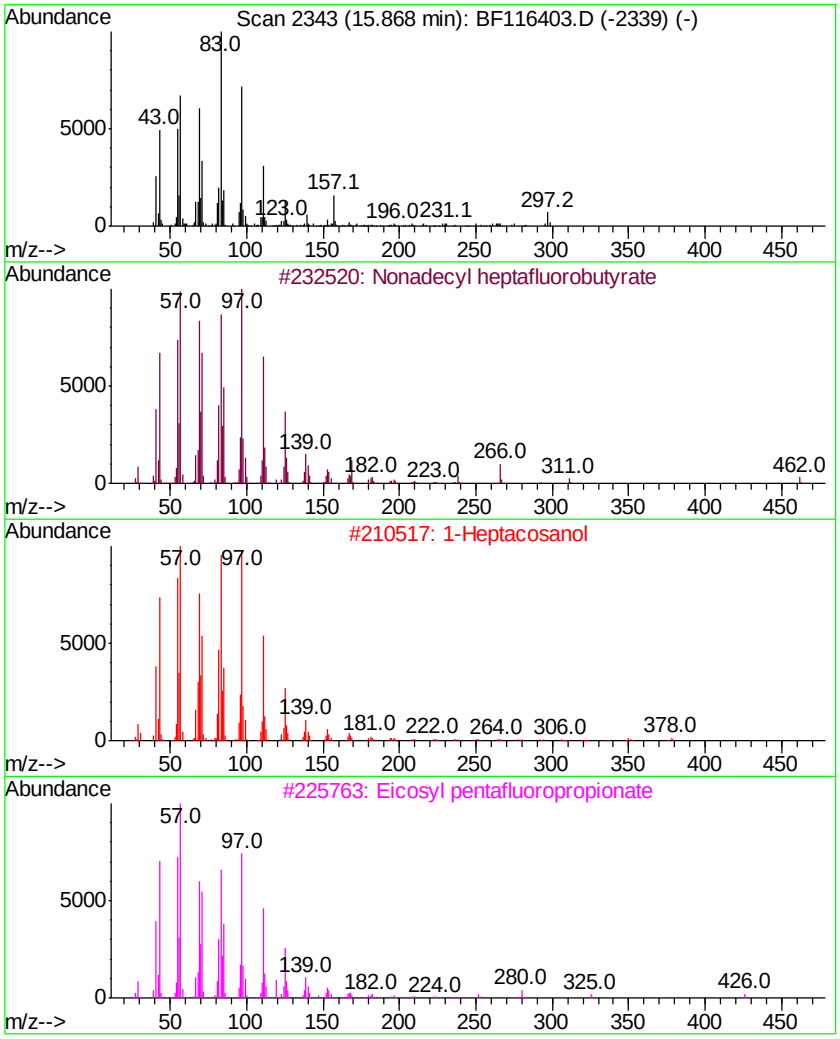
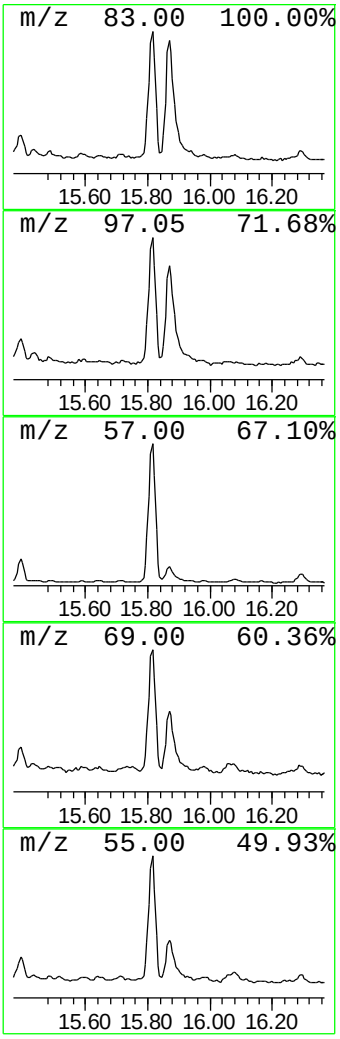
Peak Number 11 unknown15.87 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	10.85 ng	424077	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	49
2	1-Heptacosanol	396	C27H56O	002004-39-9	49
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	49
4	17-Pentatriacontene	491	C35H70	006971-40-0	45
5	Octacosanol	410	C28H58O	000557-61-9	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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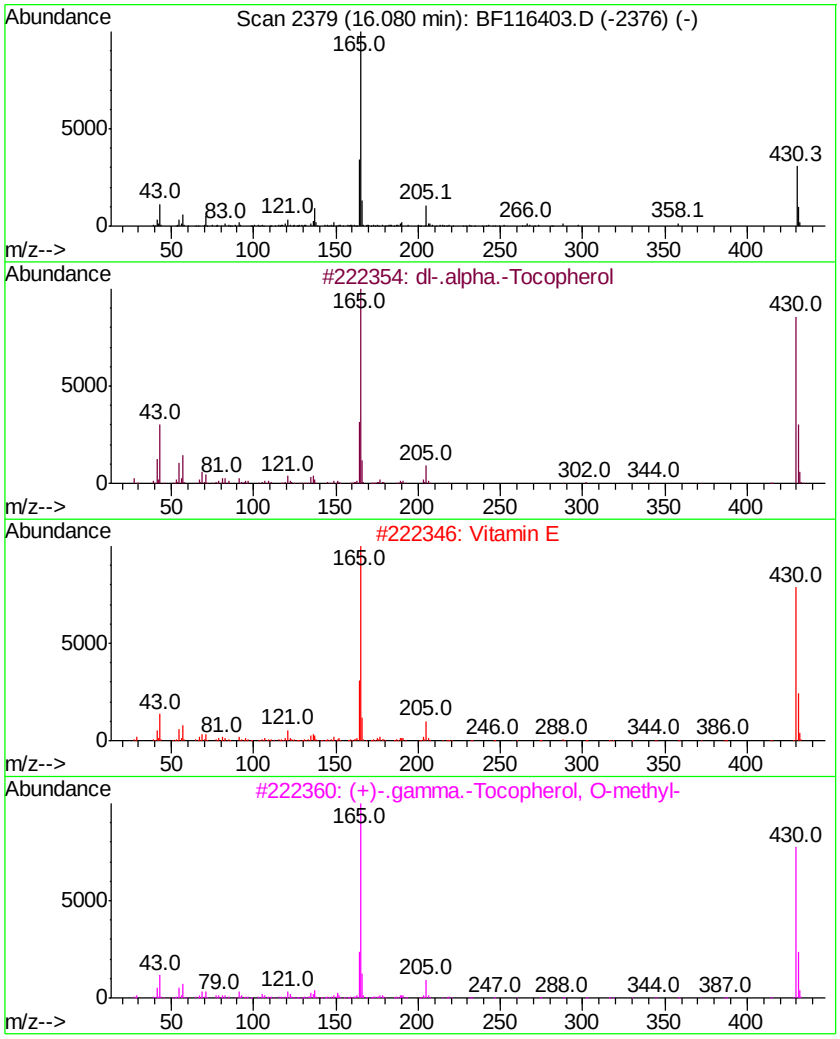
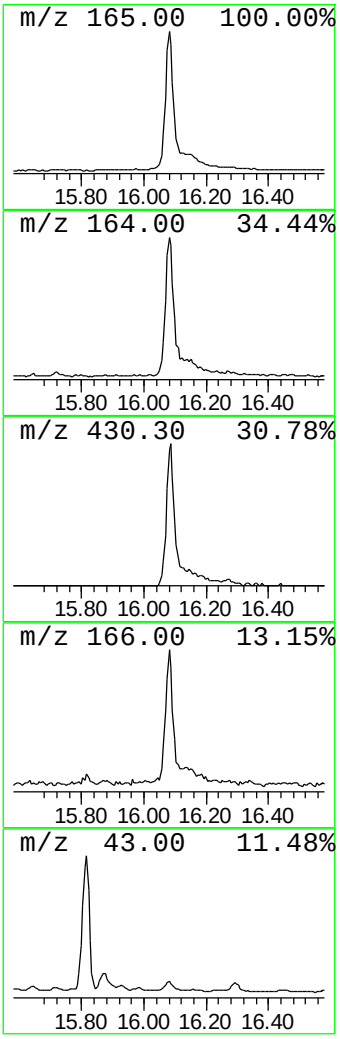
Peak Number 12 dl-.alpha.-Tocopherol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	9.93 ng	388026	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	93
2	Vitamin E	430	C29H50O2	000059-02-9	90
3	(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	90
4	Piperazine, 1-(3,4-dimethoxybenz...	430	C26H26N2O4	333756-87-9	53
5	3,6-Dimethyl-5-oxo-1,2,3,5-tetra...	165	C8H11N3O	058910-42-2	40





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

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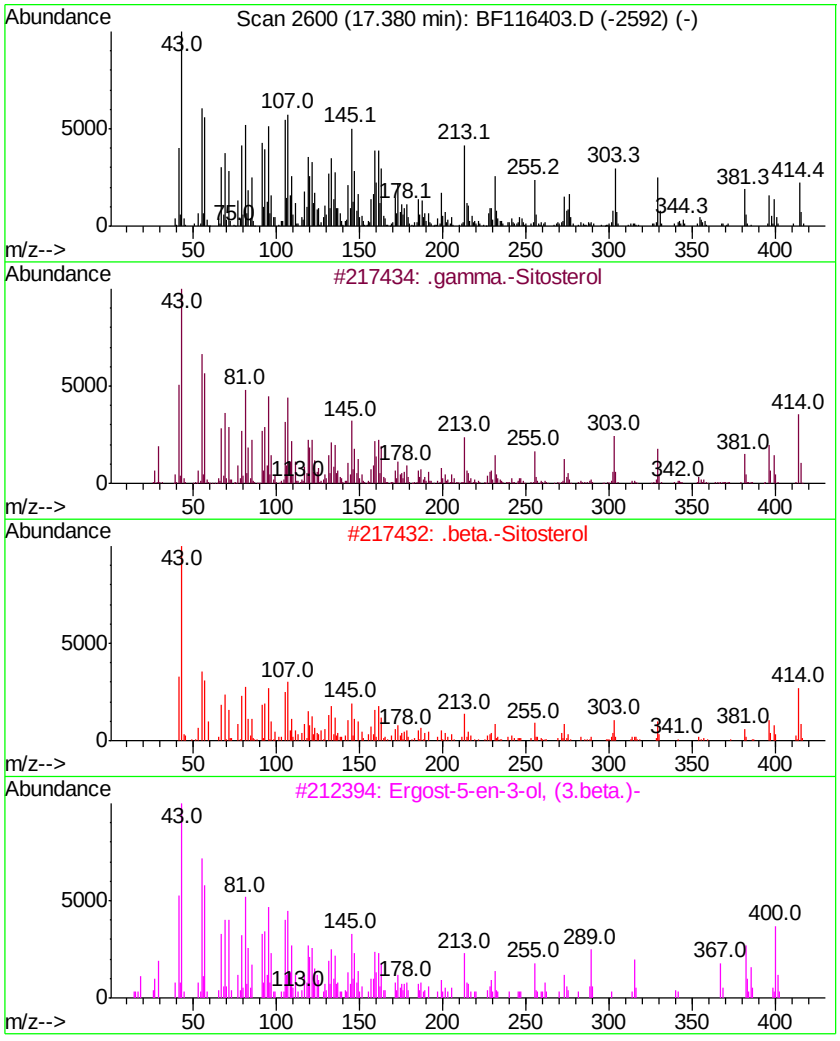
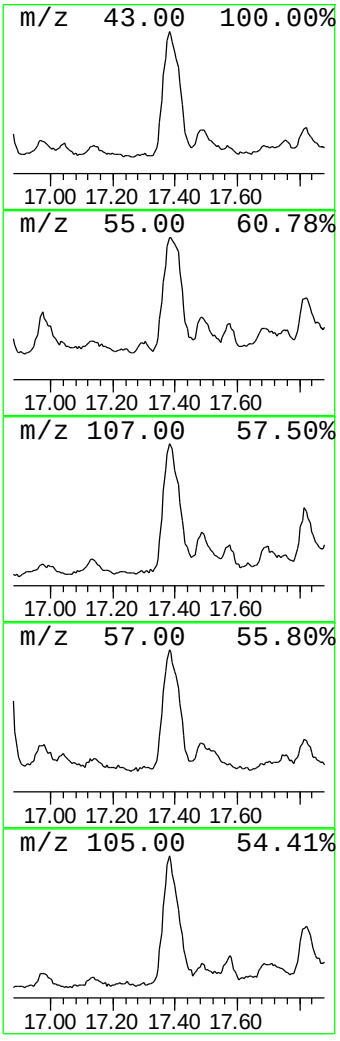
Peak Number 13 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	92.50 ng	3614300	Perylene-d12	15.42

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	99
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	43
4	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	37
5	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	30





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Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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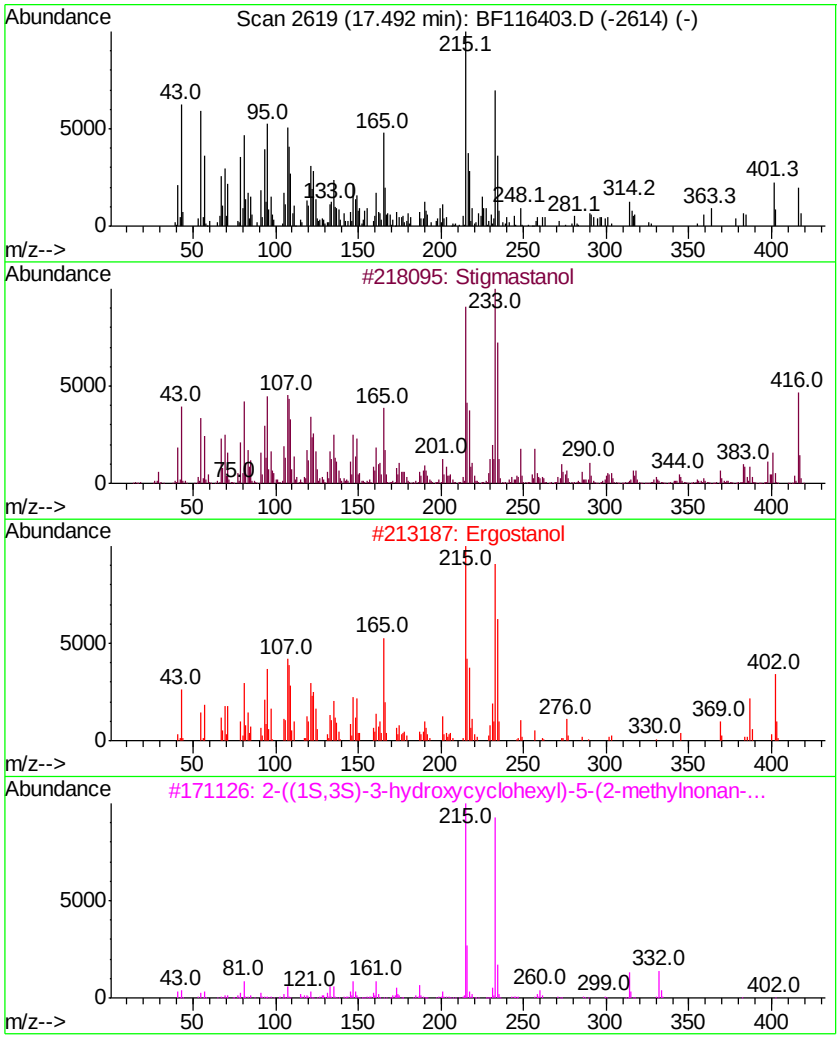
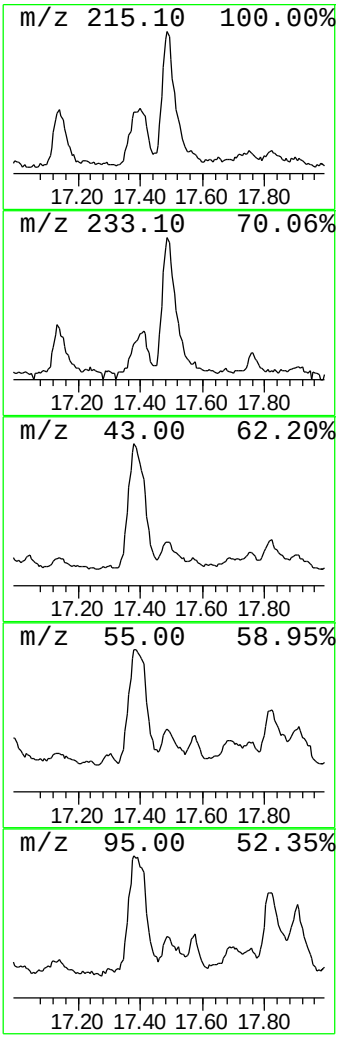
Peak Number 14 Stigmastanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	19.46 ng	760332	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmastanol	416	C29H52O	019466-47-8	83
2	Ergostanol	402	C28H50O	006538-02-9	38
3	2-((1S,3S)-3-hydroxycyclohexyl)-...	332	C22H36O2	1000372-26-3	27
4	2-((1S,3R)-3-hydroxycyclohexyl)-...	332	C22H36O2	1000372-26-4	27
5	Cyclopent[e]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	25





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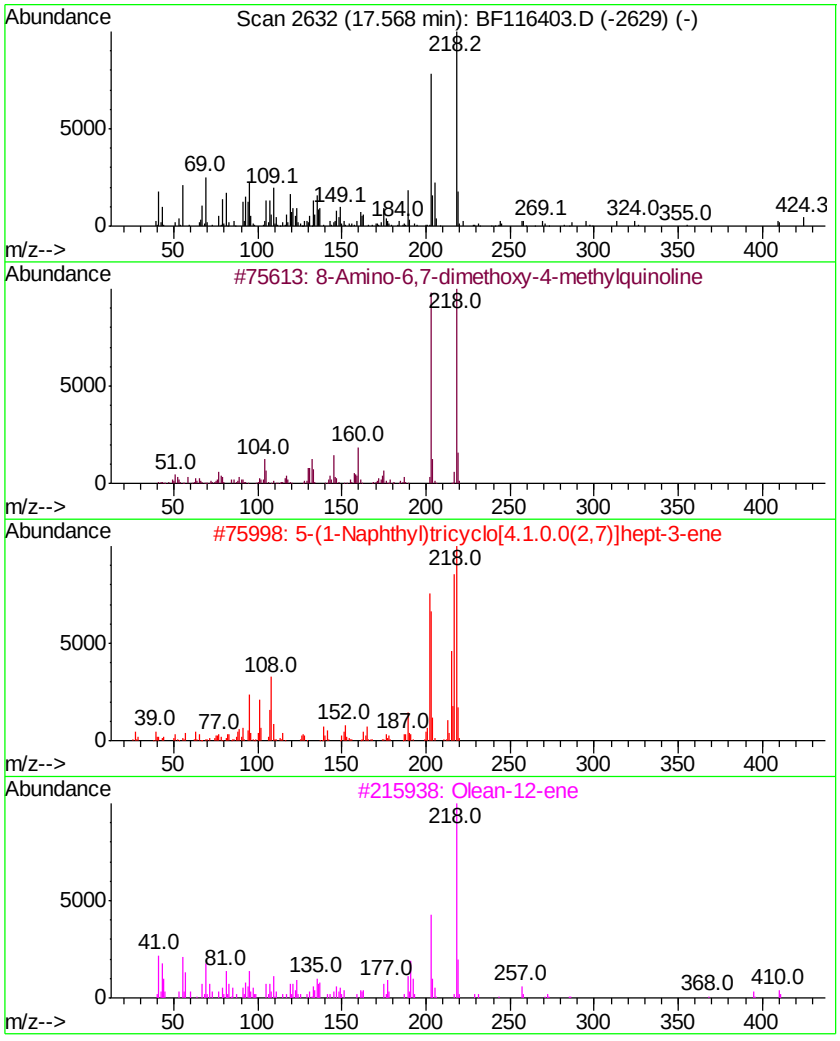
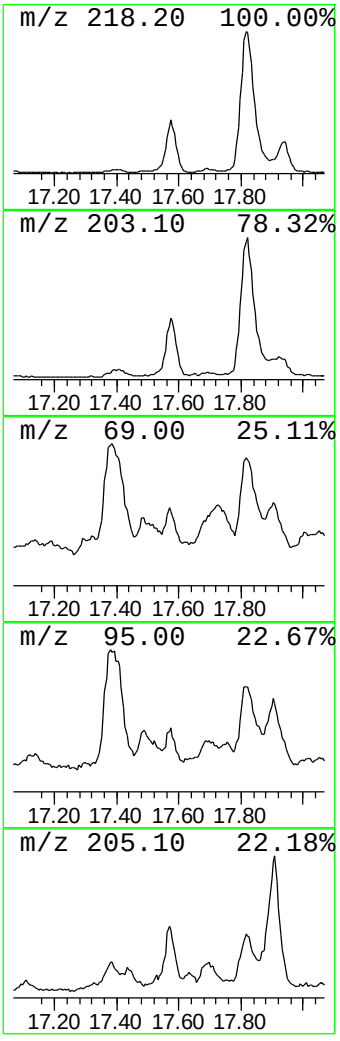
Peak Number 15 8-Amino-6,7-dimethoxy-4-met... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	9.13 ng	356941	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	72
2	5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	62
3	Olean-12-ene	410	C30H50	000471-68-1	53
4	Urs-12-ene	410	C30H50	000464-97-1	50
5	(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	46





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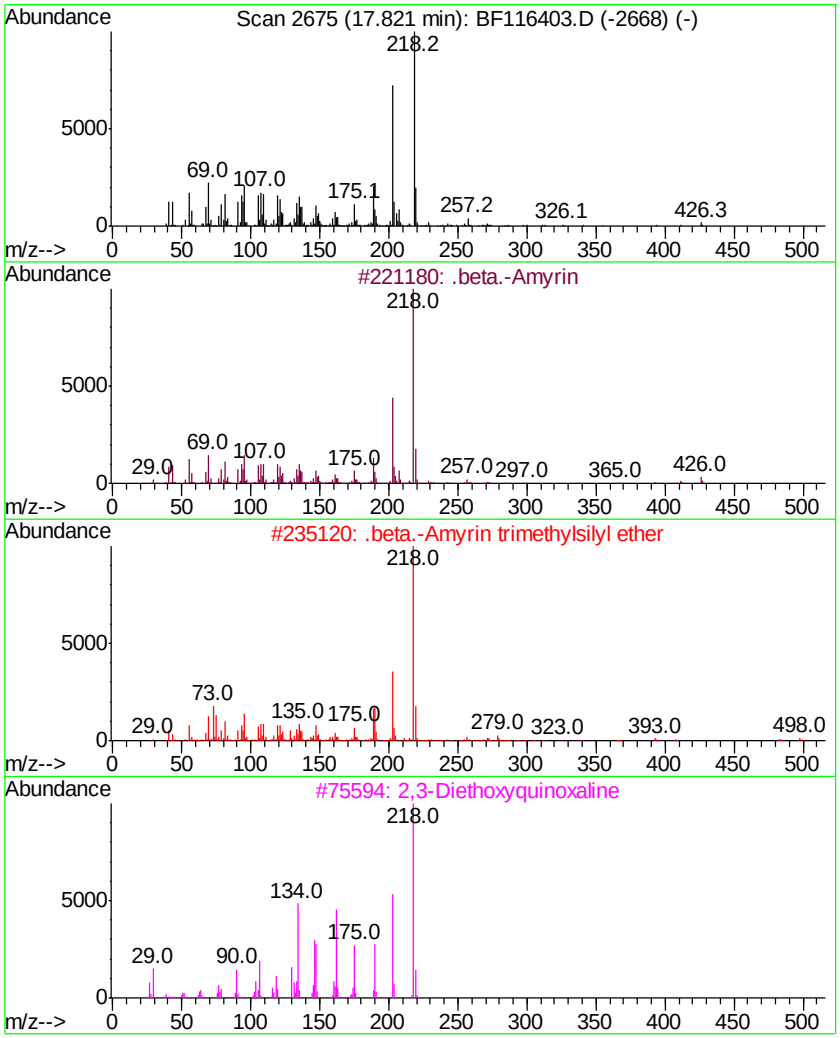
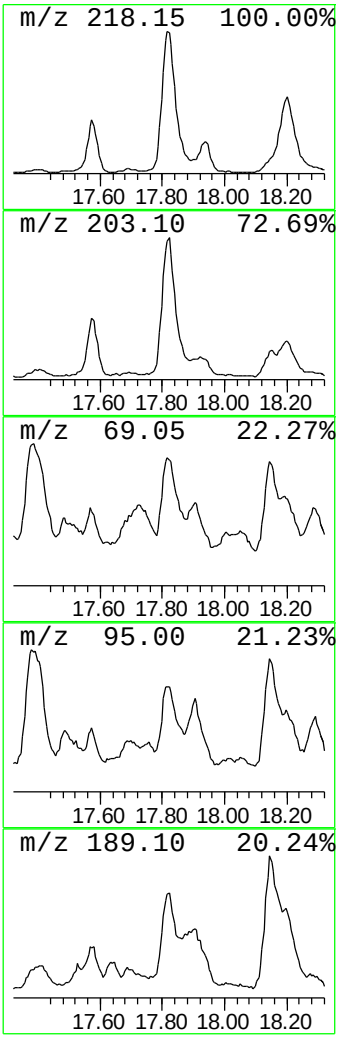
Peak Number 16 .beta.-Amyrin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	32.31 ng	1262610	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	91
2	.beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	80
3	2,3-Diethoxyquinoxaline	218	C12H14N2O2	057050-66-5	59
4	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	58
5	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	53





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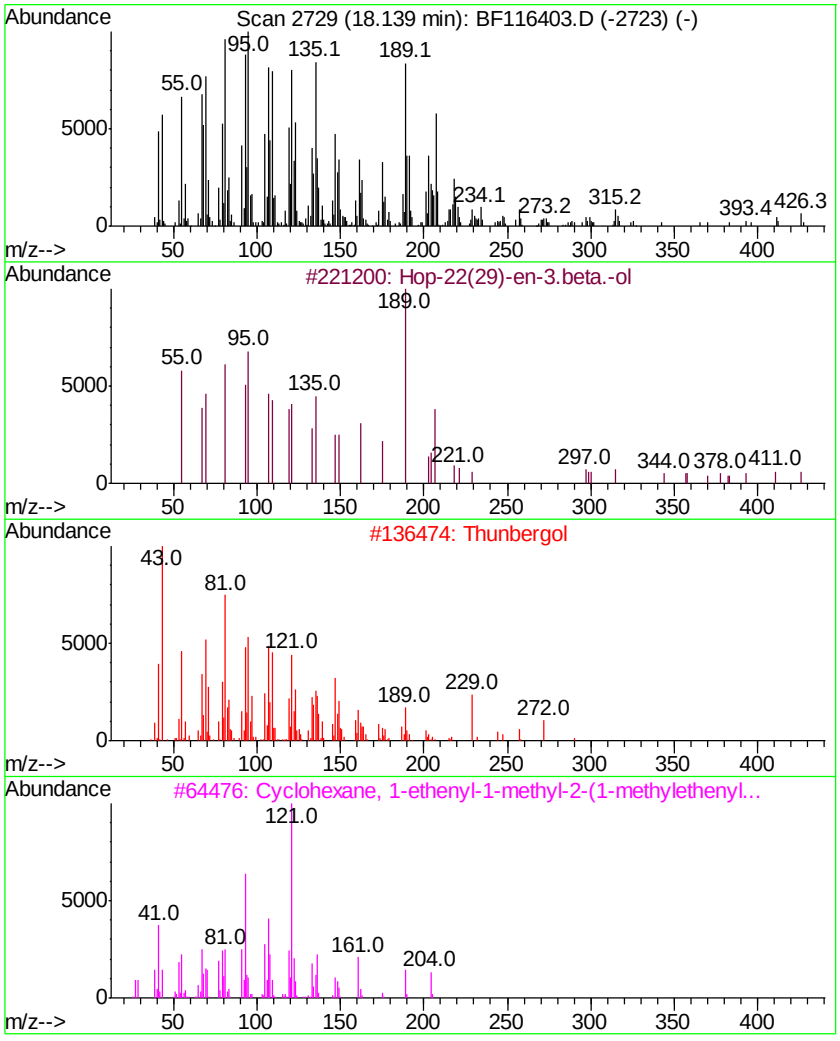
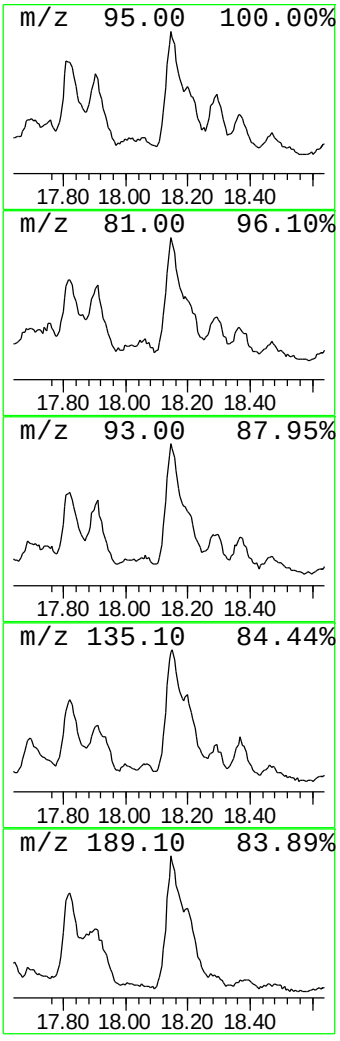
Peak Number 17 Hop-22(29)-en-3.beta.-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	39.83 ng	1556160	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	89
2	Thunbergol	290	C20H34O	025269-17-4	87
3	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	46
4	6-epi-shyobunol	222	C15H26O	1000374-18-3	44
5	Taraxasterol	426	C30H50O	001059-14-9	43





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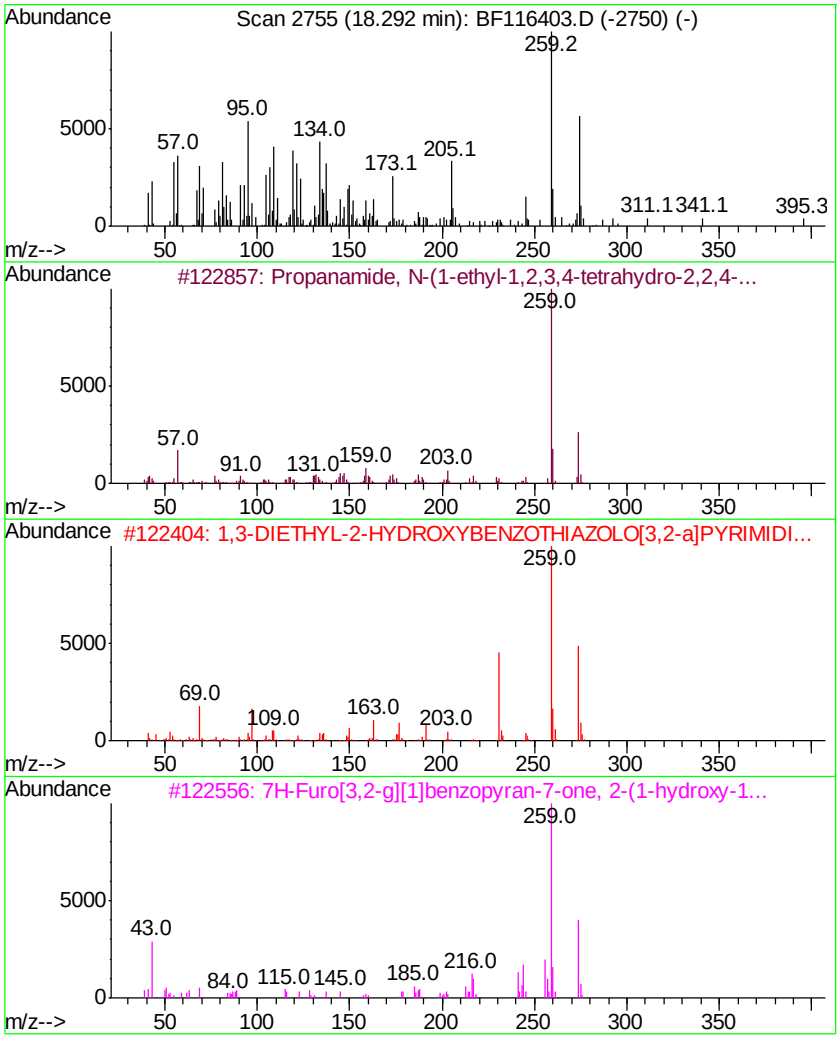
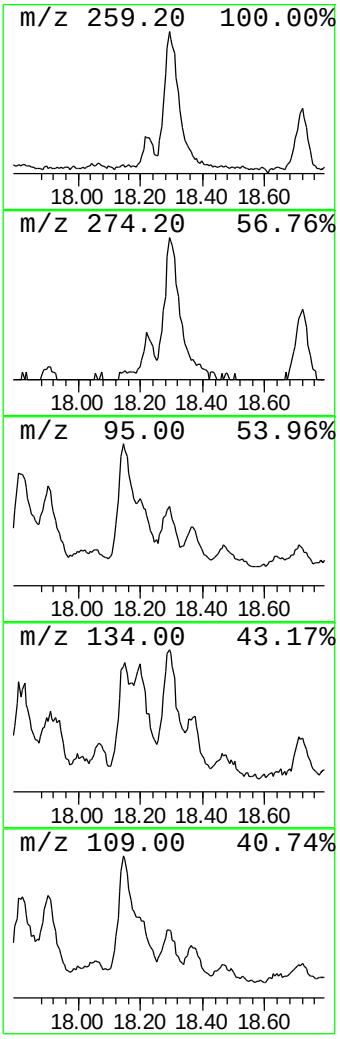
Peak Number 18 unknown18.29 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	9.92 ng	387494	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	46
2	1,3-DIETHYL-2-HYDROXYBENZOTHIAZO...	274	C14H14N2O2S	1000227-15-3	43
3	7H-Furo[3,2-g][1]benzopyran-7-on...	274	C15H14O5	054087-32-0	38
4	1-(4-Undecylphenyl)ethanone	274	C19H30O	1000185-92-4	35
5	6-tert-butyl-2,4-dimethylphenol,...	274	C14H17F3O2	1000376-41-4	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116403.D
Acq On : 19 Aug 2019 22:22
Operator : HP/JU
Sample : K4223-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

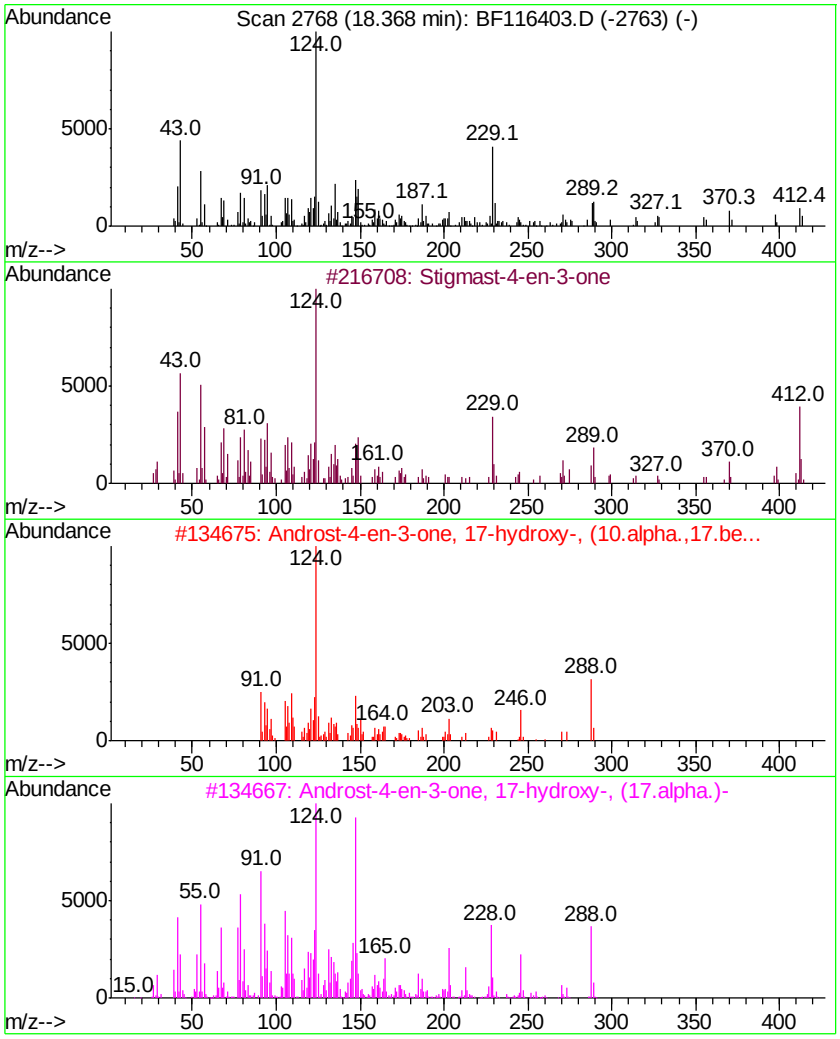
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

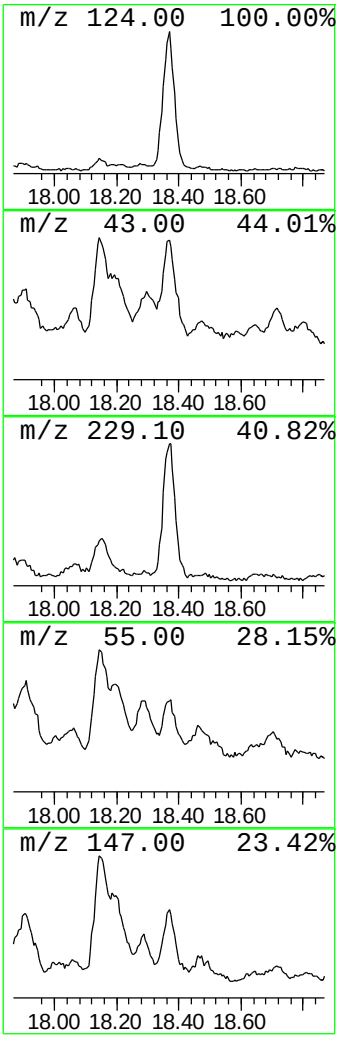
****

Peak Number 19 Stigmast-4-en-3-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	16.86 ng	658773	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	92
2	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	45
3	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000481-30-1	45
4	Thiophene-2-sulfonic acid, (3-fl...	271	C11H10FNO2S2	1000311-21-1	38
5	Isonicotinic acid, dodecyl ester	291	C18H29NO2	1000299-88-7	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116403.D
Acq On : 19 Aug 2019 22:22
Operator : HP/JU
Sample : K4223-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

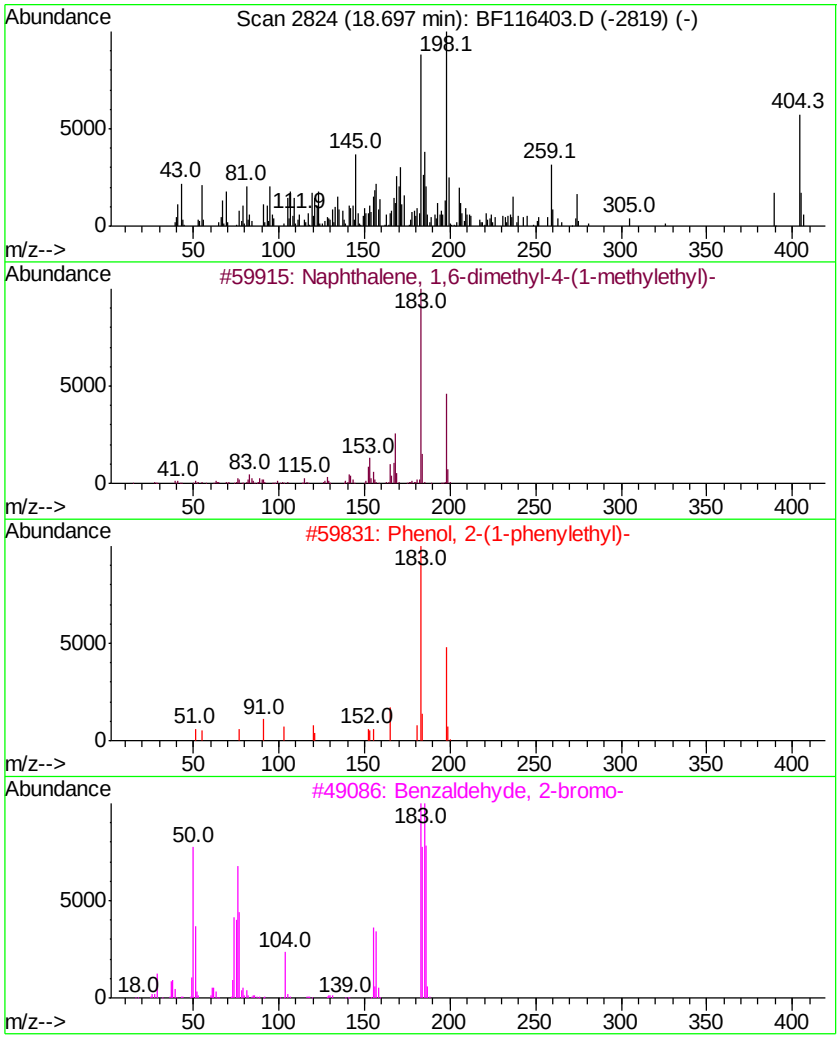
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

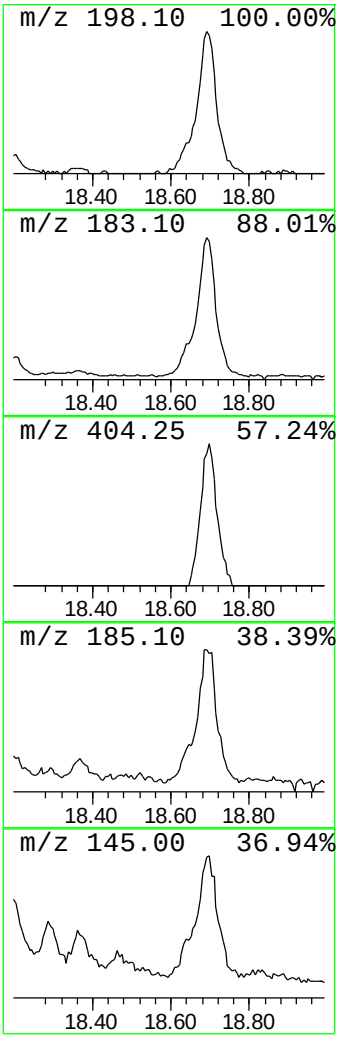
****

Peak Number 20 unknown18.70 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	15.93 ng	622635	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	45
2	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	43
3	Benzaldehyde, 2-bromo-	184	C7H5BrO	006630-33-7	43
4	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	43
5	Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
Data File : BF116403.D
Acq On : 19 Aug 2019 22:22
Operator : HP/JU
Sample : K4223-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.57	6.57	75.0	ng	2173770	1	6.80	579718	20.0
n-Hexadecanoic acid	11.85	27.0	ng	1603940	4	11.32	1188610	20.0
Phytol	12.46	10.6	ng	629468	4	11.32	1188610	20.0
Octadecanoic acid	12.63	13.9	ng	828704	4	11.32	1188610	20.0
2-Phenanthrenol, ...	13.32	15.6	ng	698384	5	13.96	896253	20.0
Oxalic acid, isob...	13.79	15.6	ng	700879	5	13.96	896253	20.0
Hexacosane	14.41	23.3	ng	1045090	5	13.96	896253	20.0
Squalene	14.77	8.5	ng	332194	6	15.42	781490	20.0
2-methyloctacosane	15.82	44.6	ng	1744410	6	15.42	781490	20.0
unknown15.87	15.87	10.9	ng	424077	6	15.42	781490	20.0
dl-.alpha.-Tocoph...	16.08	9.9	ng	388026	6	15.42	781490	20.0
.gamma.-Sitosterol	17.38	92.5	ng	3614300	6	15.42	781490	20.0
Stigmastanol	17.49	19.5	ng	760332	6	15.42	781490	20.0
8-Amino-6,7-dimet...	17.57	9.1	ng	356941	6	15.42	781490	20.0
.beta.-Amyrin	17.82	32.3	ng	1262610	6	15.42	781490	20.0
Hop-22(29)-en-3.b...	18.14	39.8	ng	1556160	6	15.42	781490	20.0
unknown18.29	18.29	9.9	ng	387494	6	15.42	781490	20.0
Stigmast-4-en-3-one	18.37	16.9	ng	658773	6	15.42	781490	20.0
unknown18.70	18.70	15.9	ng	622635	6	15.42	781490	20.0