LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116410.D
Acq On : 20 Aug 2019 1:32
Operator : HP/JU
Sample : K4223-29
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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	5.434	566	569	596	rBV	1379777	1744422	50.39%	3.919%
2	6.451	739	742	756	rBV	1705979	1910214	55.18%	4.291%
3	6.581	760	764	772	rVB	1984960	1921854	55.52%	4.318%
4	6.804	799	802	812	rBV	727856	667590	19.28%	1.500%
5	6.957	825	828	843	rBV	1622864	1476629	42.66%	3.317%
6	7.369	895	898	919	rBV	1218863	1223582	35.35%	2.749%
7	8.080	1016	1019	1028	rBV	967633	901387	26.04%	2.025%
8	9.151	1198	1201	1205	rBV	2144964	1978964	57.17%	4.446%
9	9.463	1252	1254	1256	rBV2	40748	36396	1.05%	0.082%
10	9.486	1256	1258	1263	rVV	175032	146497	4.23%	0.329%
11	9.551	1266	1269	1272	rVV	418758	343738	9.93%	0.772%
12	9.586	1272	1275	1280	rVB2	68694	68682	1.98%	0.154%
13	9.680	1286	1291	1293	rBV	87672	82543	2.38%	0.185%
14	9.739	1297	1301	1304	rVV3	50526	54931	1.59%	0.123%
15	9.833	1314	1317	1320	rVV	1337700	1098845	31.74%	2.469%
16	9.857	1320	1321	1327	rVB3	110144	84238	2.43%	0.189%
17	9.904	1327	1329	1332	rVB	56683	46195	1.33%	0.104%
18	9.951	1332	1337	1341	rBV	218703	202492	5.85%	0.455%
19	9.986	1341	1343	1346	rVB	59988	49708	1.44%	0.112%
20	10.063	1349	1356	1357	rBV6	35114	55916	1.62%	0.126%
21	10.121	1363	1366	1370	rVB	84841	90019	2.60%	0.202%
22	10.498	1428	1430	1433	rVB	88447	78024	2.25%	0.175%
23	10.557	1433	1440	1443	rBV5	75388	106373	3.07%	0.239%
24	10.604	1443	1448	1449	rVV3	104951	130034	3.76%	0.292%
25	10.627	1449	1452	1459	rVV	1598958	1591629	45.98%	3.576%
26	10.686	1459	1462	1467	rVB2	63906	69569	2.01%	0.156%
27	10.739	1467	1471	1478	rBV3	71845	84412	2.44%	0.190%
28	10.821	1482	1485	1489	rBV5	23816	37052	1.07%	0.083%
29	10.927	1500	1503	1510	rBV	69499	80271	2.32%	0.180%
30	10.992	1510	1514	1519	rBV3	105299	169444	4.89%	0.381%
31	11.033	1519	1521	1524	rVB	55038	55091	1.59%	0.124%
32	11.268	1558	1561	1564	rBV3	34353	38464	1.11%	0.086%
33	11.321	1564	1570	1573	rVV	1383646	1281431	37.02%	2.879%
34	11.363	1576	1577	1580	rVB	152851	117083	3.38%	0.263%

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.451	1586	1592	1595	rVB	131174	158820	4.59%	0.357%
36	11.492	1595	1599	1602	rVB2	41641	57668	1.67%	0.130%
37	11.527	1602	1605	1606	rBV3	39751	38449	1.11%	0.086%
38	11.698	1631	1634	1639	rVB2	59757	72167	2.08%	0.162%
39	11.798	1645	1651	1655	rBV2	134039	228382	6.60%	0.513%
40	11.851	1655	1660	1673	rVV	1240784	1448333	41.84%	3.254%
41	12.004	1684	1686	1690	rVV3	255309	266510	7.70%	0.599%
42	12.039	1690	1692	1698	rVB3	79936	86743	2.51%	0.195%
43	12.098	1699	1702	1704	rBV4	53726	53970	1.56%	0.121%
44	12.198	1716	1719	1722	rVB2	58022	58986	1.70%	0.133%
45	12.251	1726	1728	1731	rVB3	66607	65370	1.89%	0.147%
46	12.386	1747	1751	1752	rBV2	74312	79705	2.30%	0.179%
47	12.404	1752	1754	1759	rVB2	102375	83752	2.42%	0.188%
48	12.451	1759	1762	1767	rBV	433393	471214	13.61%	1.059%
49	12.539	1773	1777	1778	rBV	685330	785177	22.68%	1.764%
50	12.557	1778	1780	1789	rVV2	1253548	1787689	51.64%	4.016%
51	12.627	1789	1792	1800	rVV	299623	378250	10.93%	0.850%
52	12.721	1805	1808	1811	rVV2	149589	186345	5.38%	0.419%
53	12.768	1813	1816	1819	rVB	207870	221177	6.39%	0.497%
54	12.898	1834	1838	1842	rVV	2202150	1947721	56.26%	4.376%
55	13.098	1870	1872	1874	rBV	57624	41496	1.20%	0.093%
56	13.121	1874	1876	1881	rVB3	72047	74317	2.15%	0.167%
57	13.162	1881	1883	1887	rBV4	40100	55370	1.60%	0.124%
58	13.292	1901	1905	1907	rBV3	119053	153365	4.43%	0.345%
59	13.327	1908	1911	1912	rBV	253196	246741	7.13%	0.554%
60	13.415	1924	1926	1929	rVB2	101862	88807	2.57%	0.200%
61	13.639	1962	1964	1966	rBV2	55851	52789	1.52%	0.119%
62	13.786	1986	1989	1996	rVB	547223	539430	15.58%	1.212%
63	13.874	2001	2004	2008	rBV	143657	160411	4.63%	0.360%
64	13.962	2016	2019	2023	rBV	837578	849928	24.55%	1.909%
65	14.104	2041	2043	2046	rVB2	73151	54710	1.58%	0.123%
66	14.409	2091	2095	2102	rBV2	607839	762611	22.03%	1.713%
67	14.609	2126	2129	2131	rBV	77965	85472	2.47%	0.192%
68	14.662	2135	2138	2141	rVV	104716	114975	3.32%	0.258%
69	14.704	2143	2145	2148	rVB	118385	113458	3.28%	0.255%
70	14.780	2155	2158	2162	rVB	338029	324310	9.37%	0.729%
71	15.033	2197	2201	2204	rBV	1652230	1768323	51.08%	3.973%

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72	15.062	2204	2206	2212	rVB	220275	251815	7.27%	0.566%
73	15.286	2241	2244	2251	rVB3	100006	170187	4.92%	0.382%
74	15.398	2260	2263	2264	rBV	75465	90078	2.60%	0.202%
75	15.421	2264	2267	2276	rVB	637763	829343	23.96%	1.863%
76	15.815	2328	2334	2339	rVB	1167346	1674248	48.36%	3.761%
77	15.868	2339	2343	2349	rBV	189208	297171	8.58%	0.668%
78	16.080	2375	2379	2392	rVB2	300689	601820	17.38%	1.352%
79	17.303	2583	2587	2592	rBV2	134366	243049	7.02%	0.546%
80	17.386	2592	2601	2613	rVV4	915702	3461768	100.00%	7.777%
81	17.486	2614	2618	2629	rVB6	158030	482690	13.94%	1.084%
82	17.821	2669	2675	2685	rBV	445604	1151857	33.27%	2.588%
83	18.150	2723	2731	2736	rBV2	596389	1633124	47.18%	3.669%
84	18.292	2749	2755	2763	rVV4	190276	478574	13.82%	1.075%
85	18.374	2763	2769	2778	rVB4	201617	581297	16.79%	1.306%
86	18.709	2820	2826	2838	rVB7	190344	578841	16.72%	1.300%

Sum of corrected areas: 44512522

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
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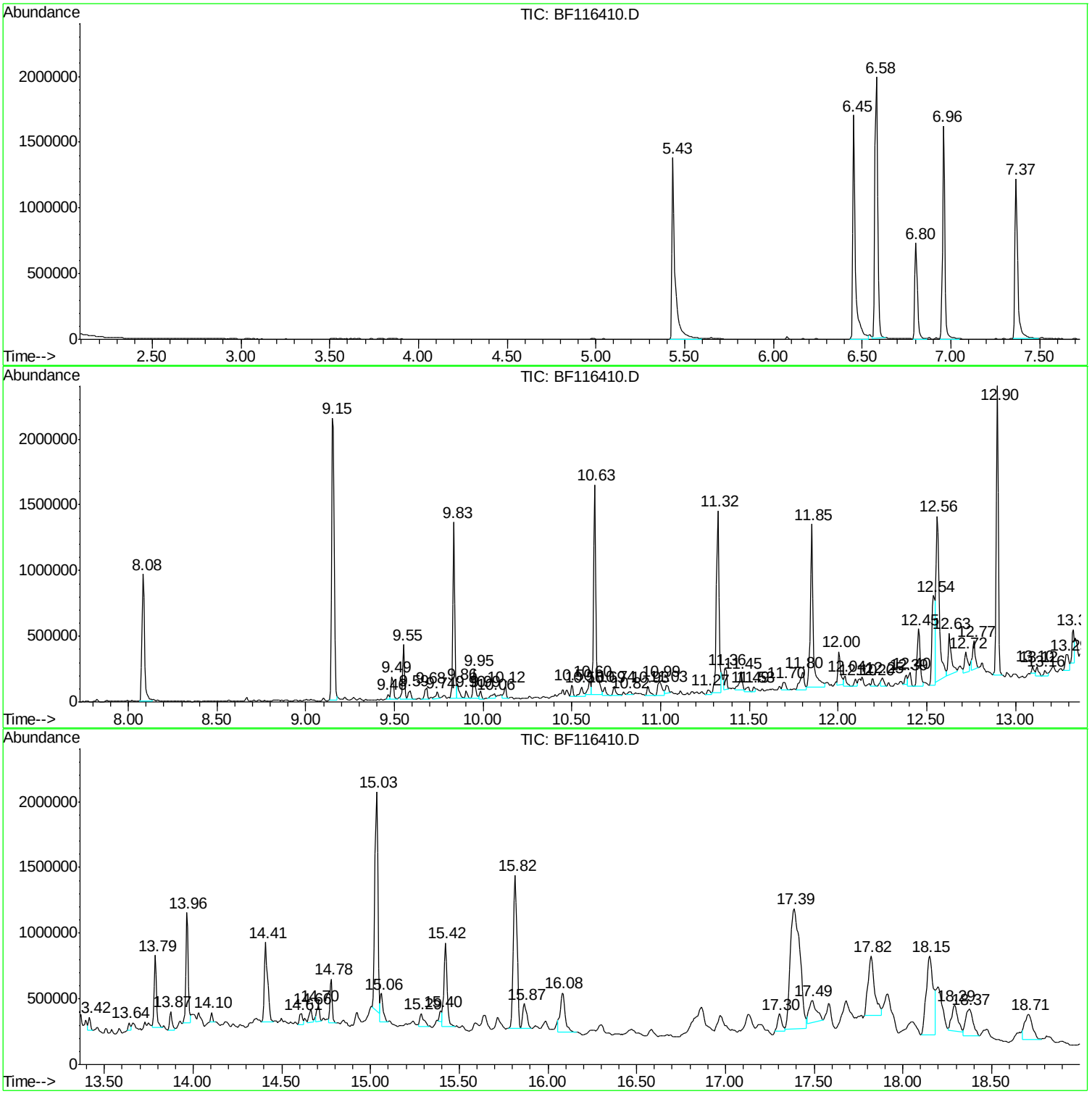
Operator : HP/JU
Sample : K4223-29
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-15

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 : BF116410.D
Acq On : 20 Aug 2019 1:32
Operator : HP/JU
Sample : K4223-29
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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

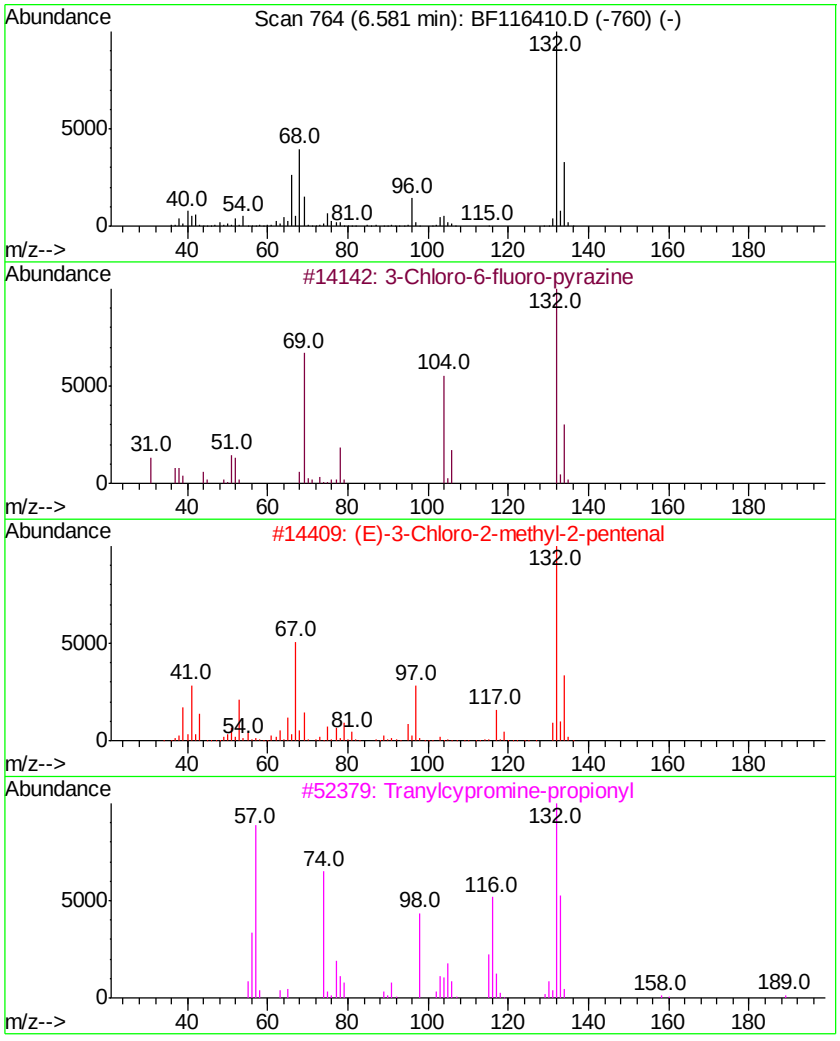
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

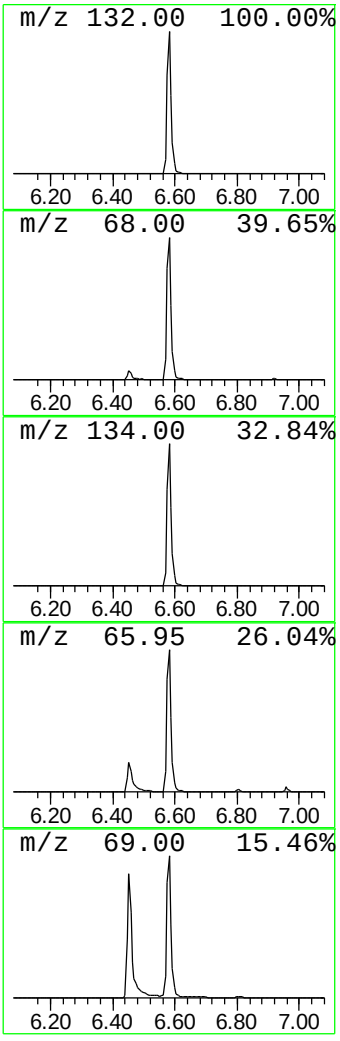
****

Peak Number 1 unknown6.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	57.58 ng	1921850	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116410.D
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Sample : K4223-29
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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

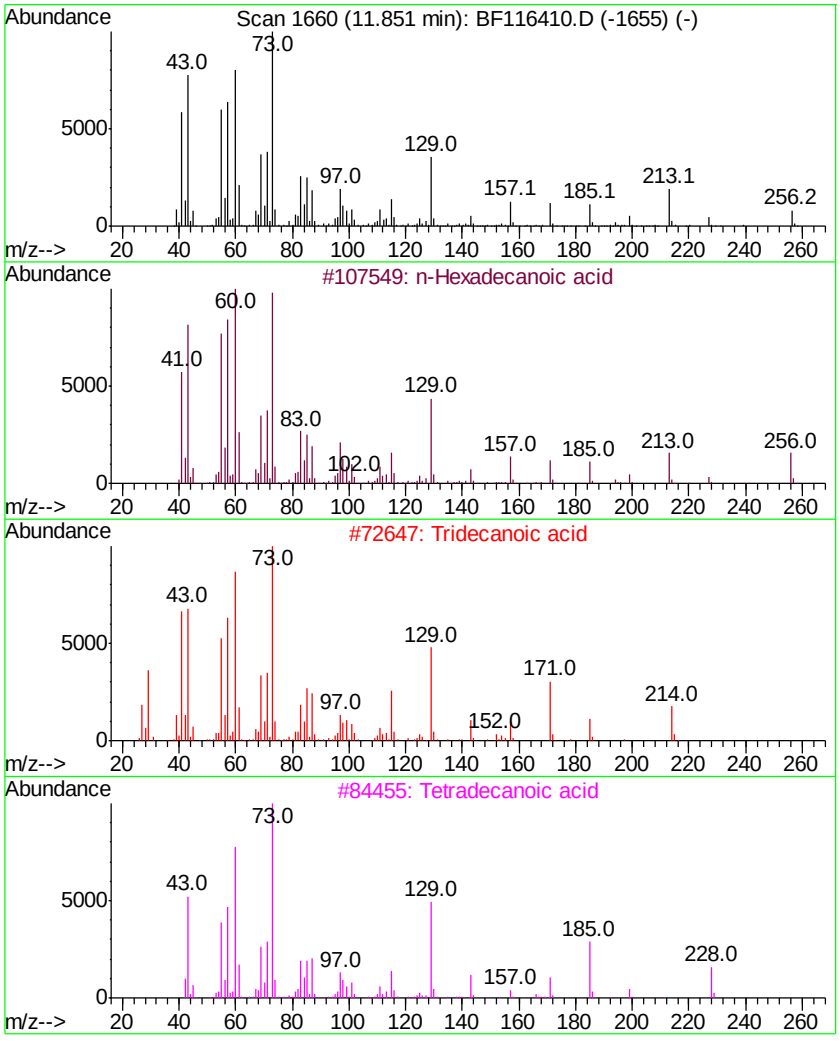
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

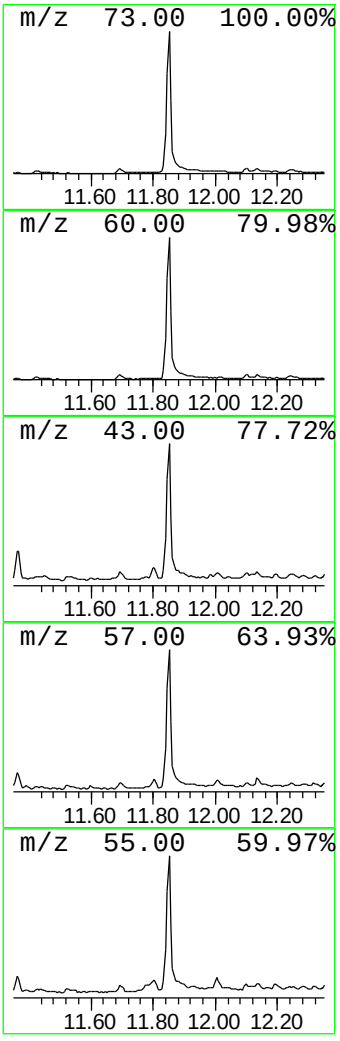
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	22.60 ng	1448330	Phenanthrene-d10	11.32

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Isopropyl palmitate	298	C19H38O2	000142-91-6	53





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Instrument : BNA_F
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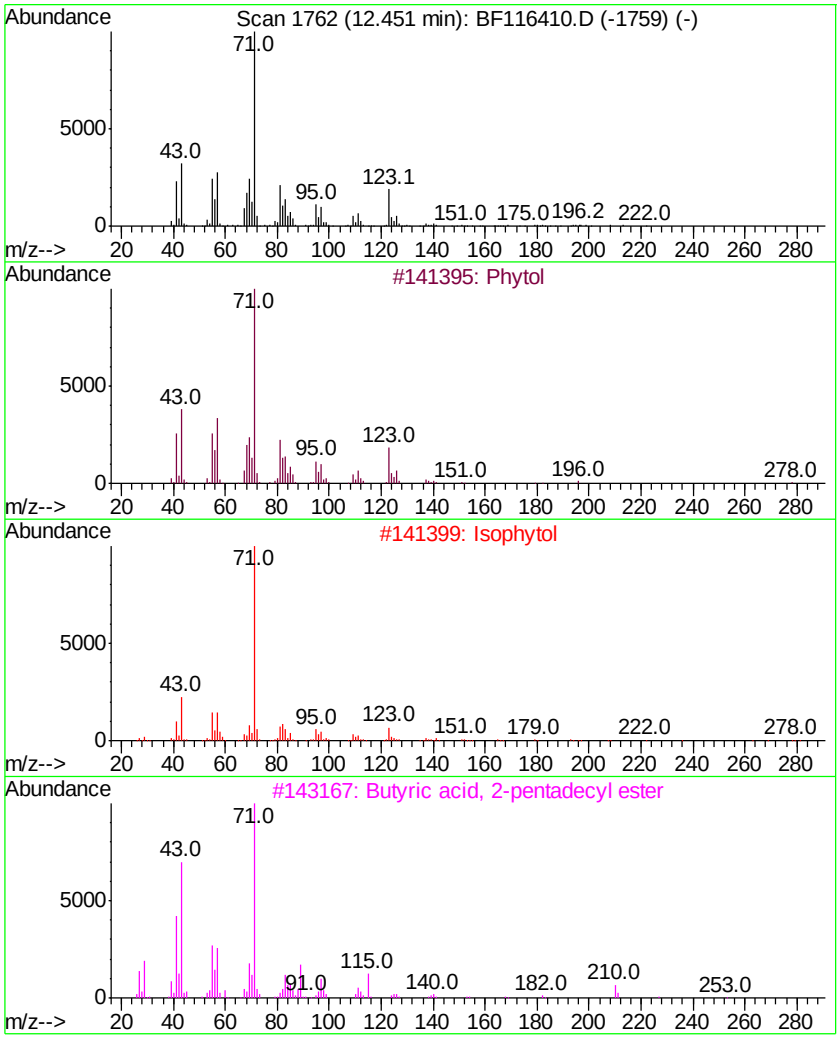
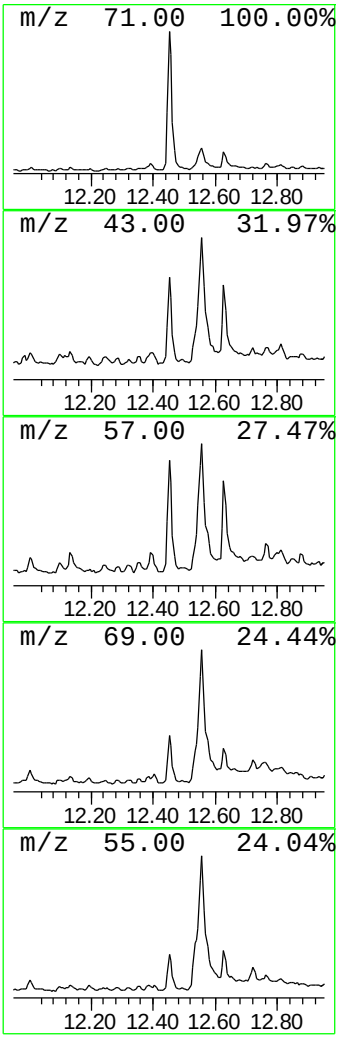
Peak Number 4 Phytol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	7.35 ng	471214	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	78
3	Butyric acid, 2-pentadecyl ester	298	C19H38O2	107853-73-6	59
4	Heptan-2-ol, 5-(2-tetrahydrofurf...	200	C12H24O2	281676-71-9	59
5	Butyric acid, 3-pentadecyl ester	298	C19H38O2	1000280-57-3	53





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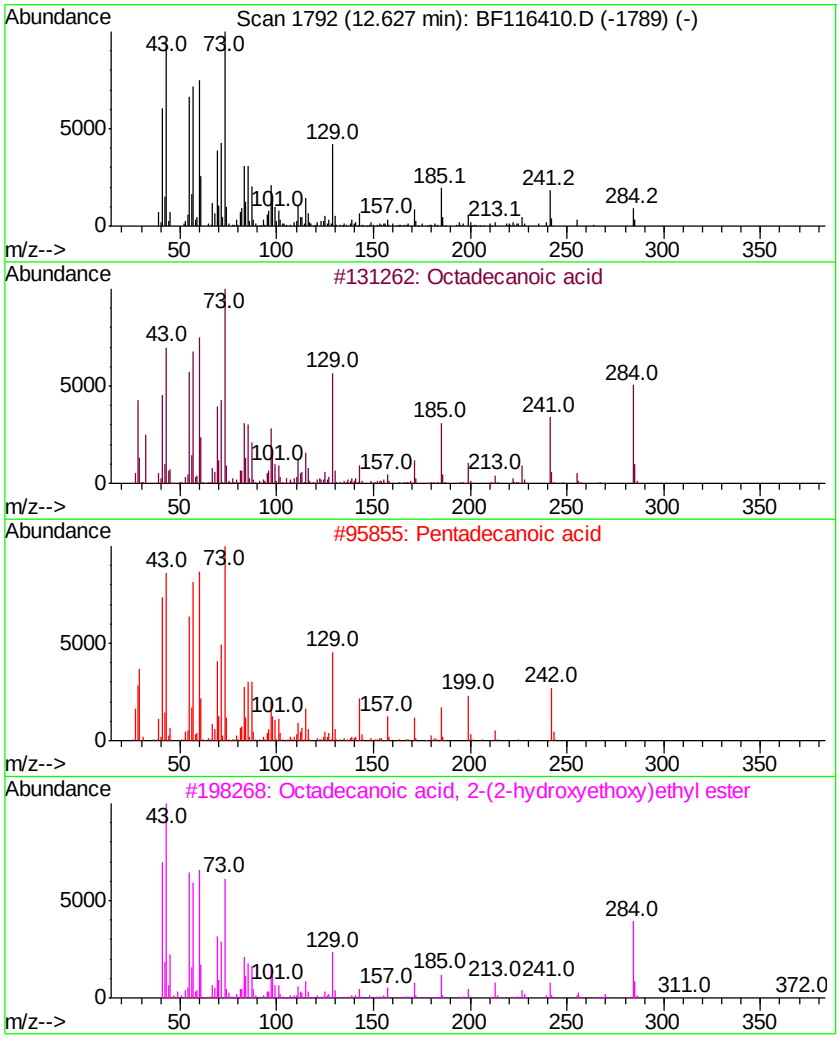
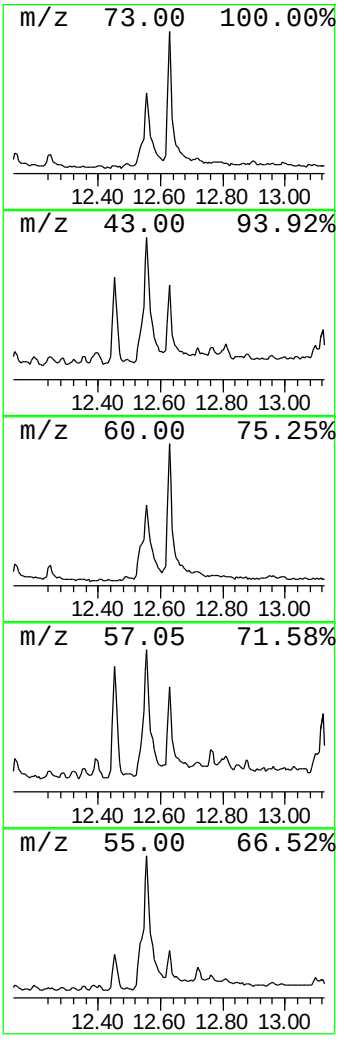
Peak Number 5 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	5.90 ng	378250	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





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Instrument : BNA_F
ClientSampleId : SP-15

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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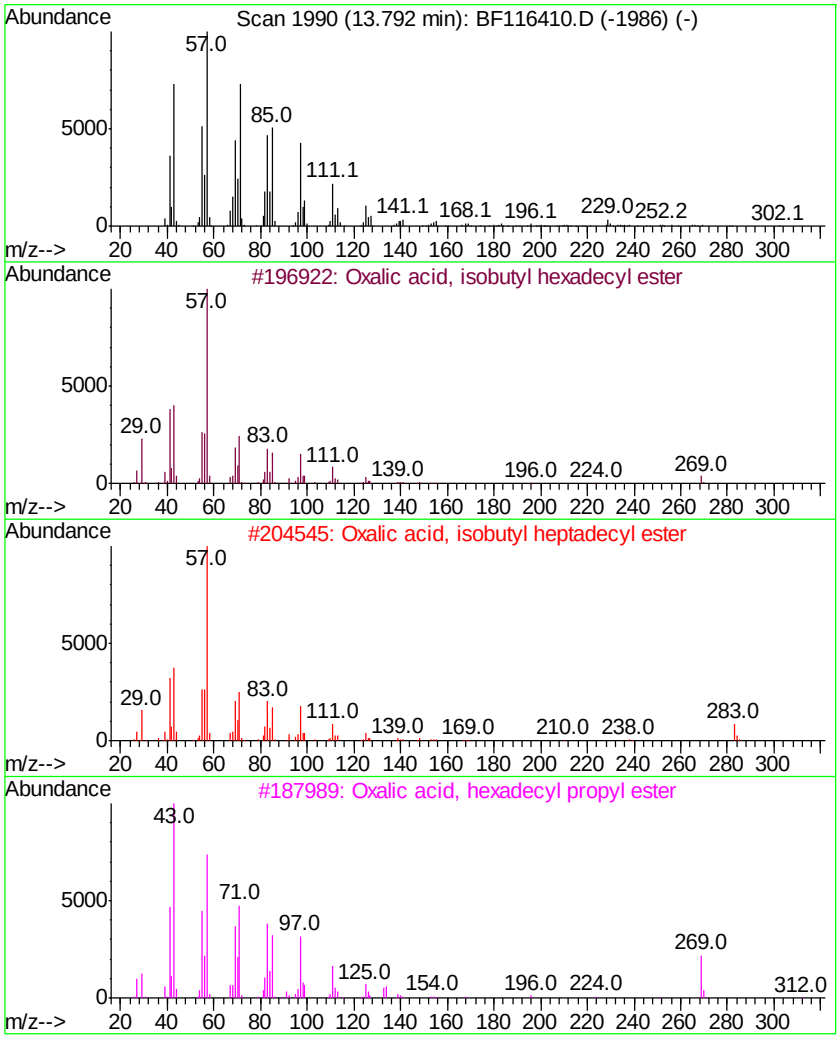
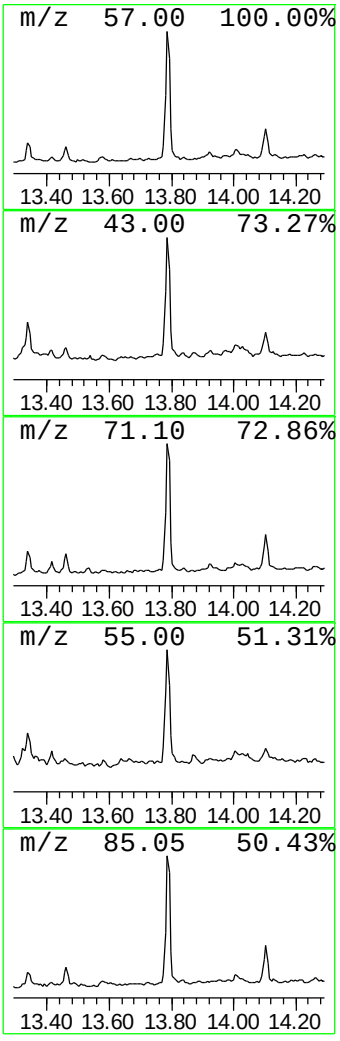
Peak Number 6 Oxalic acid, isobutyl hexad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	12.69 ng	539430	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	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
3	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	76
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76





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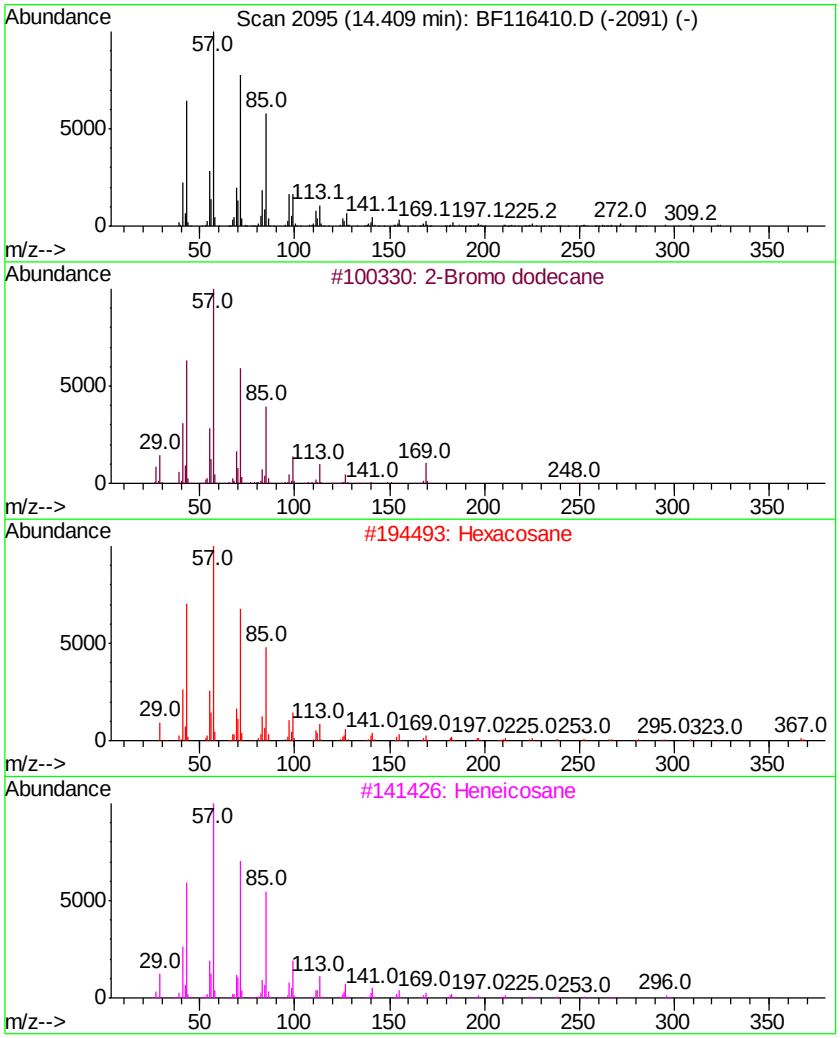
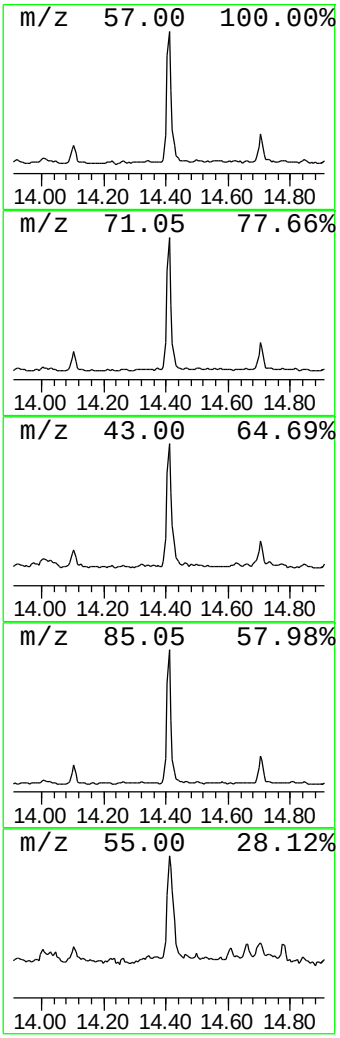
Peak Number 7 2-Bromo dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	17.95 ng	762611	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91





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Sample : K4223-29
Misc :
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Instrument : BNA_F
ClientSampleId : SP-15

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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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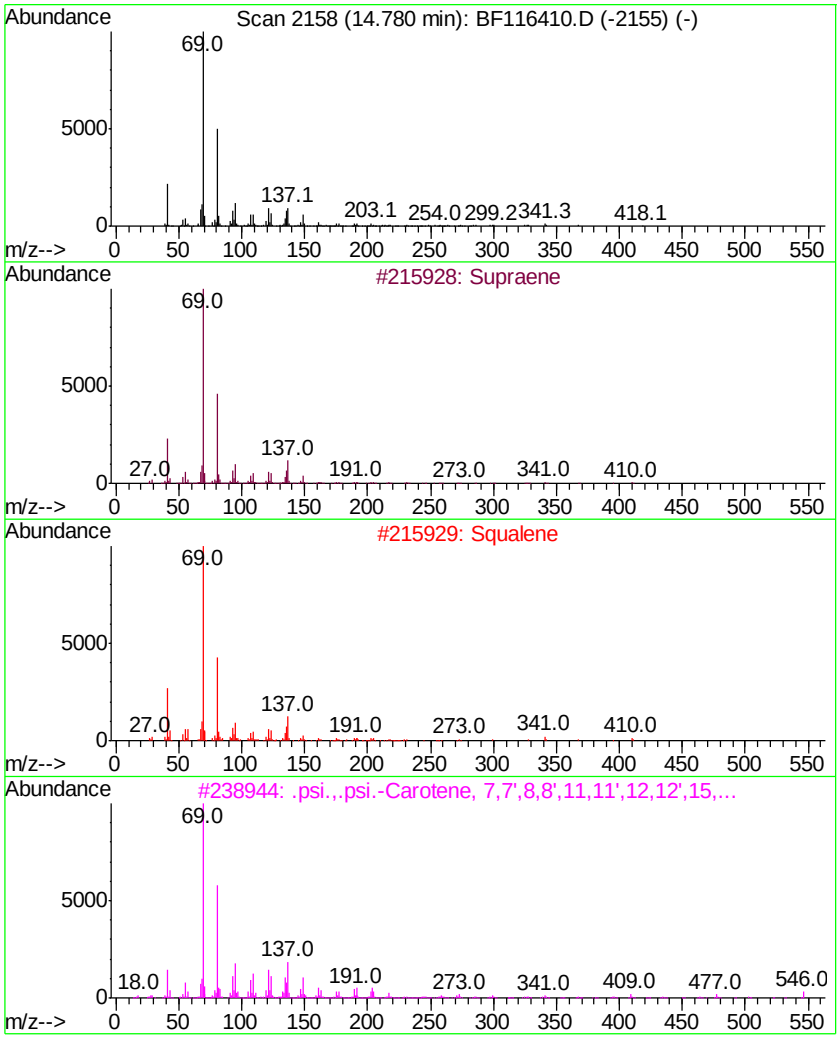
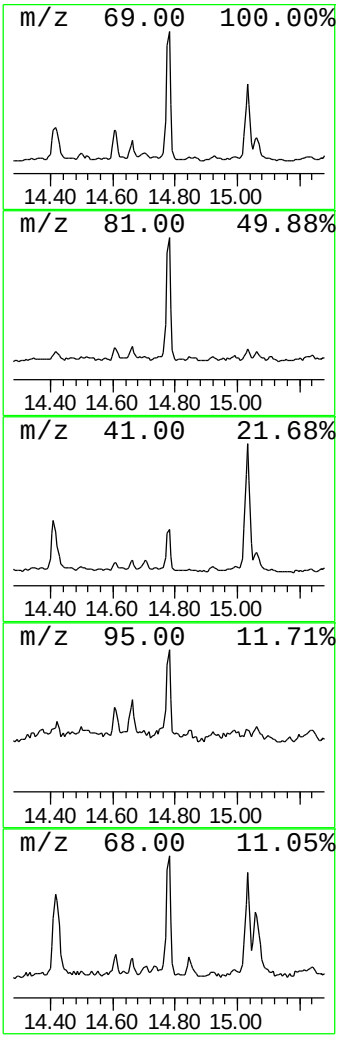
Peak Number 8 Squalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	7.82 ng	324310	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	91
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	74
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





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Instrument : BNA_F
ClientSampleId : SP-15

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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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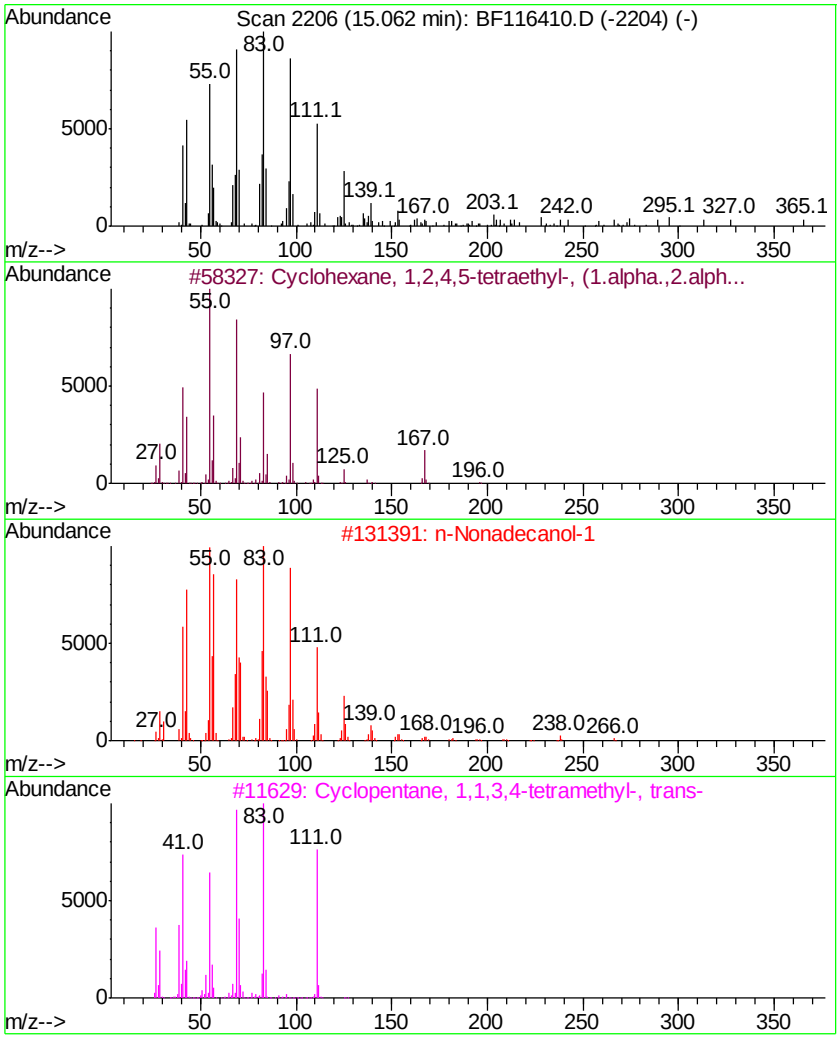
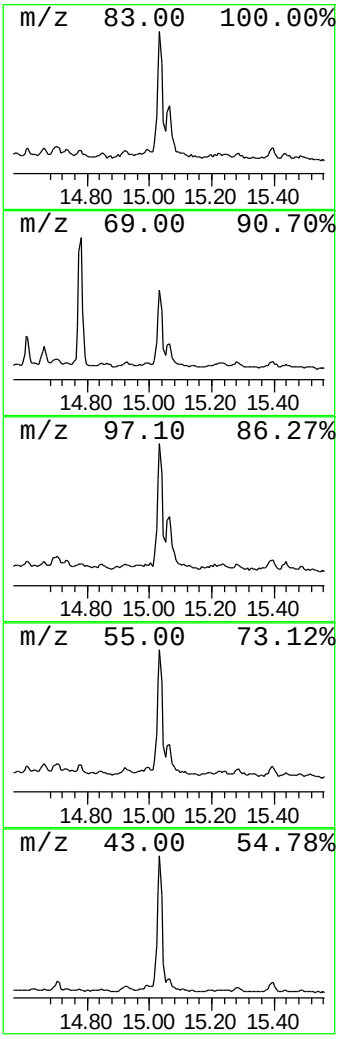
Peak Number 9 Cyclohexane, 1,2,4,5-tetrae... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	6.07 ng	251815	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	58
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	52
3	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	47
4	9-Nonadecene	266	C19H38	031035-07-1	45
5	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	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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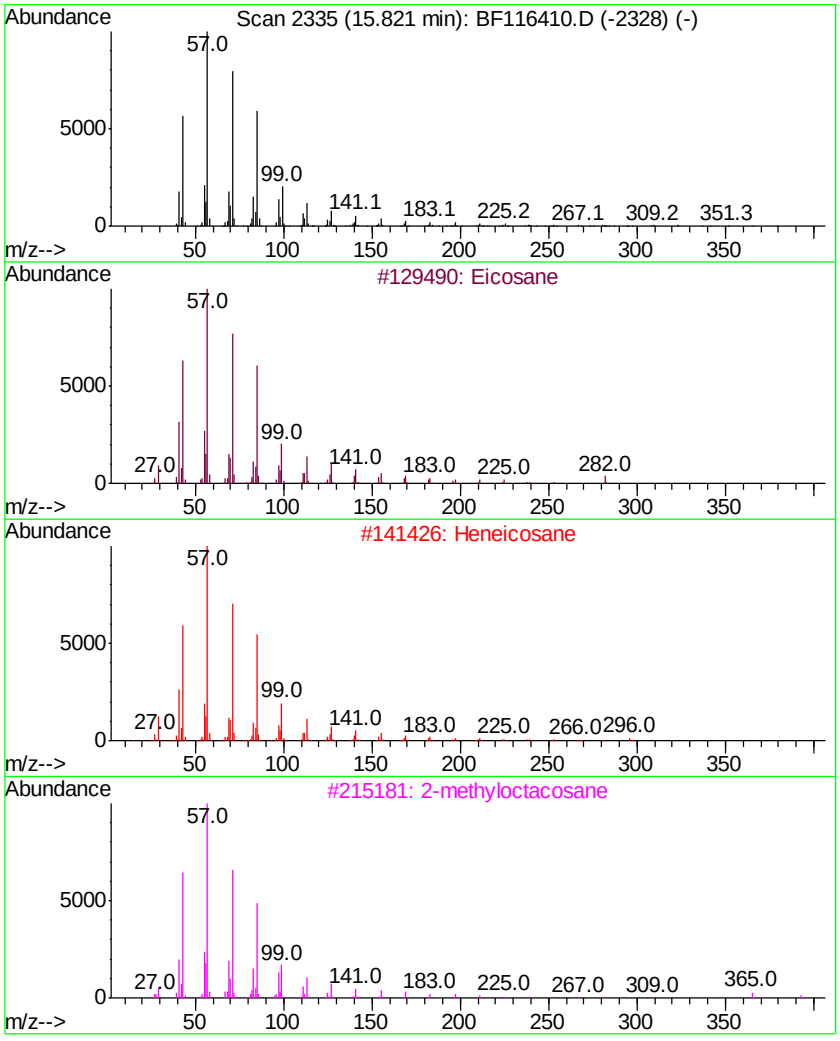
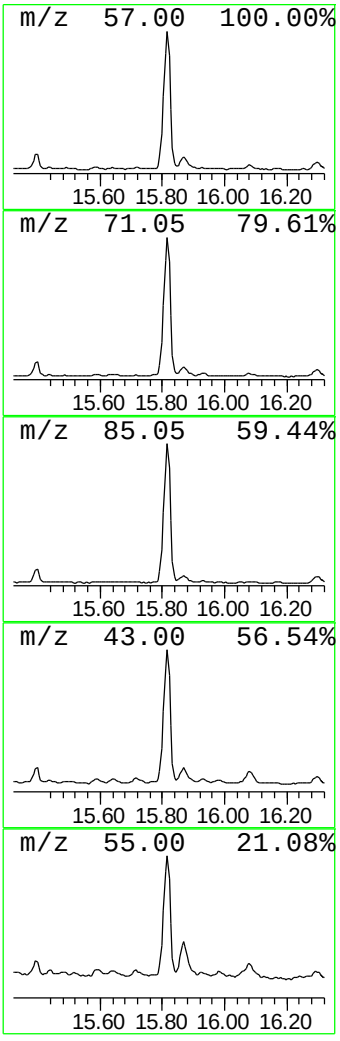
Peak Number 10 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	40.38 ng	1674250	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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ClientSampleId : SP-15

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TIC Library : C:\DATABASE\NIST11.L
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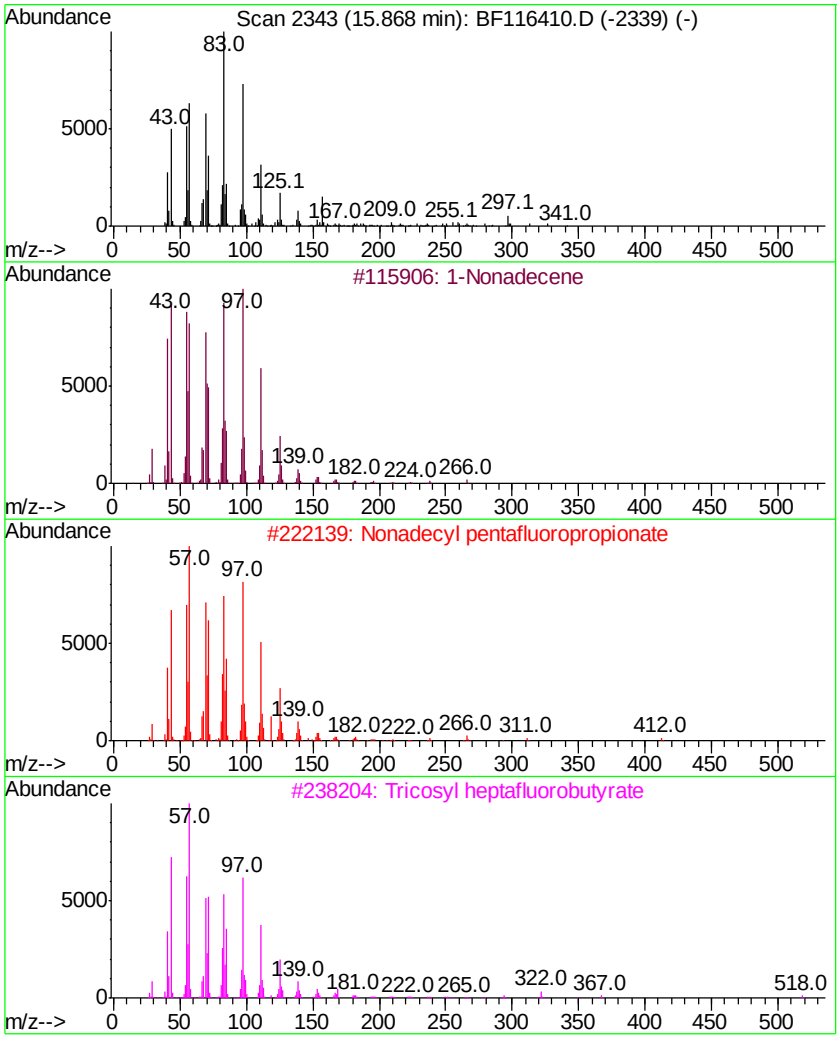
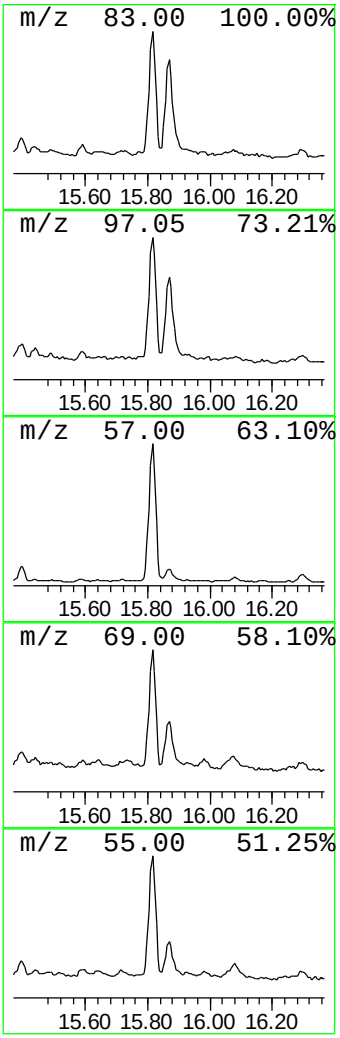
Peak Number 11 1-Nonadecene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	7.17 ng	297171	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	68
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	52
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	50
4	Tetracosyl pentafluoropropionate	500	C27H49F5O2	1000351-81-3	50
5	Behenic alcohol	326	C22H46O	000661-19-8	49





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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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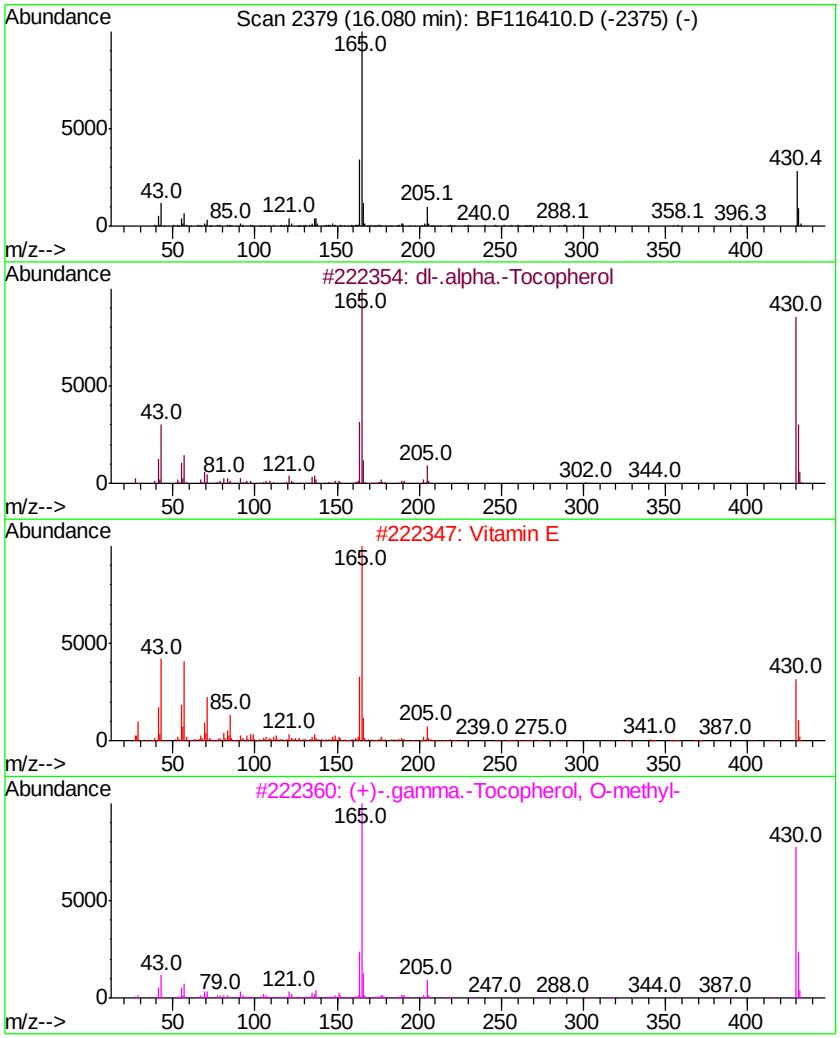
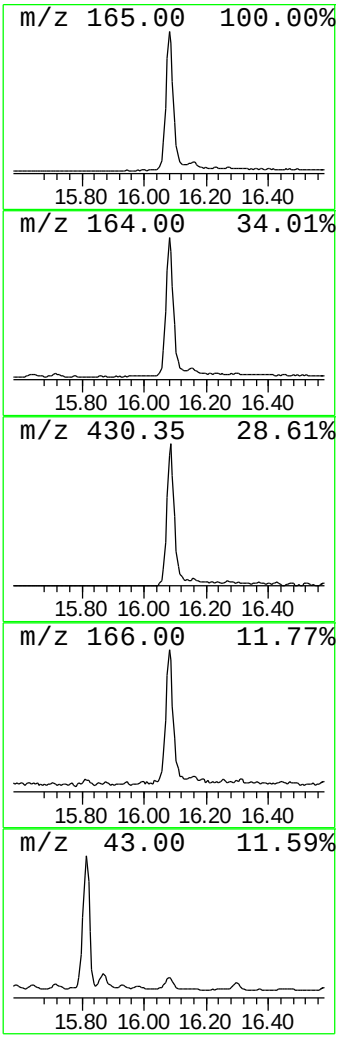
Peak Number 12 dl-.alpha.-Tocopherol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	14.51 ng	601820	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	94
2	Vitamin E	430	C29H50O2	000059-02-9	93
3	(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	91
4	Piperazine, 1-(3,4-dimethoxybenz...	430	C26H26N2O4	333756-87-9	59
5	Furo[3,4-c]pyridine-3,4(1H,5H)-d...	165	C8H7NO3	007472-18-6	53





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ClientSampleId : SP-15

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

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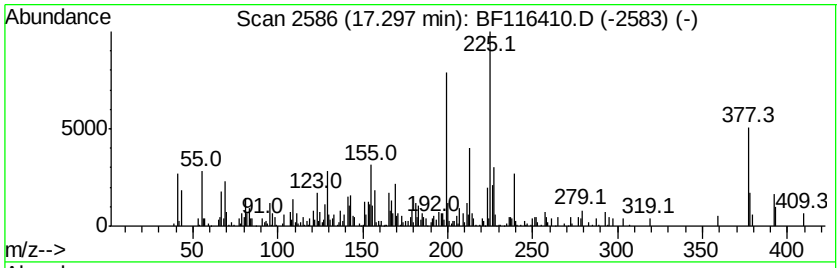
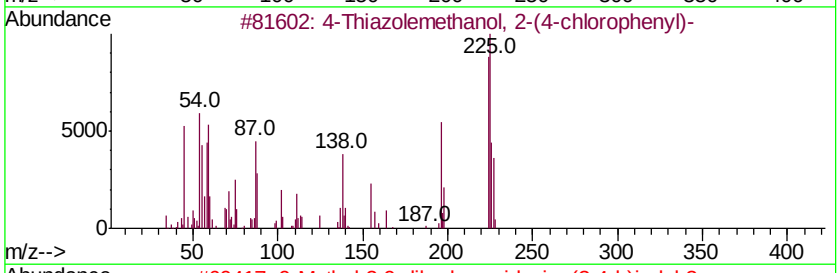
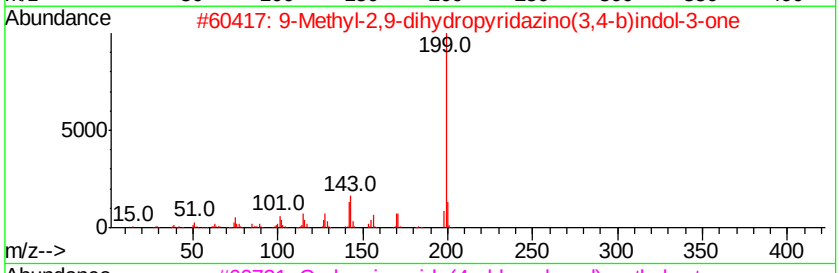
Peak Number 13 4-Thiazolemethanol, 2-(4-ch... Concentration Rank 20

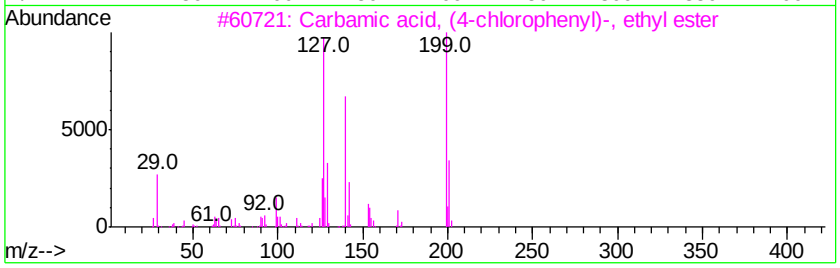
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	5.86 ng	243049	Perylene-d12	15.42

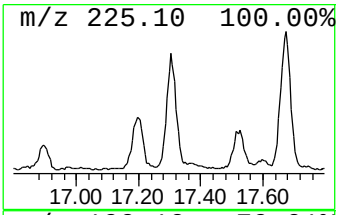
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Thiazolemethanol, 2-(4-chlorop...	225	C10H8ClNOS	036093-99-9	56
2	9-Methyl-2,9-dihydropyridazino(3...	199	C11H9N3O	022294-02-6	15
3	Carbamic acid, (4-chlorophenyl)-...	199	C9H10ClNO2	002621-80-9	15
4	7-Isopropyl-4-morpholinomethyl-2...	284	C18H24N2O	1000240-44-3	11
5	Phenothiazine	199	C12H9NS	000092-84-2	11

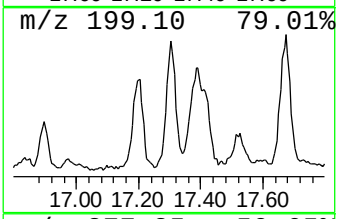


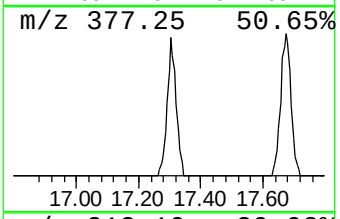


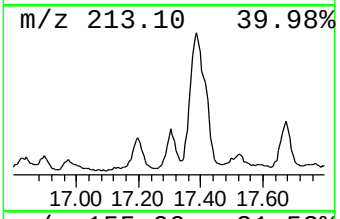


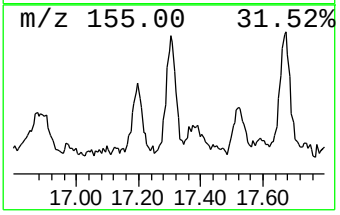












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Sample : K4223-29
Misc :
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Instrument : BNA_F
ClientSampleId : SP-15

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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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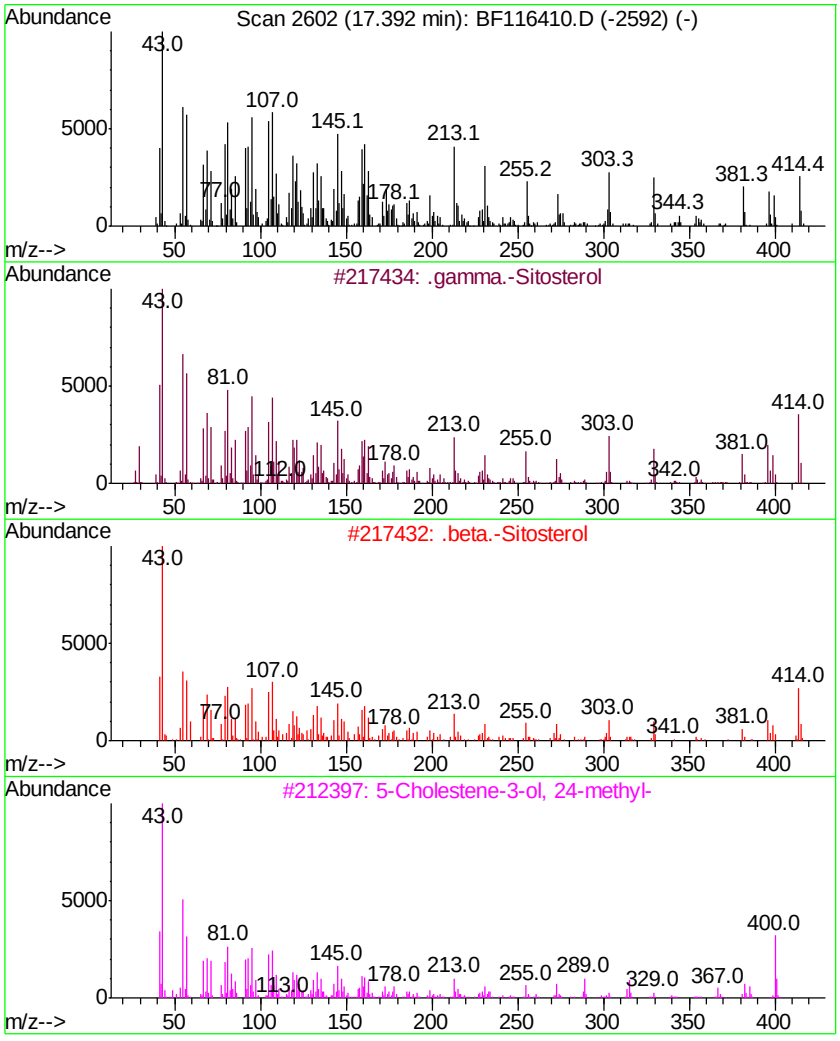
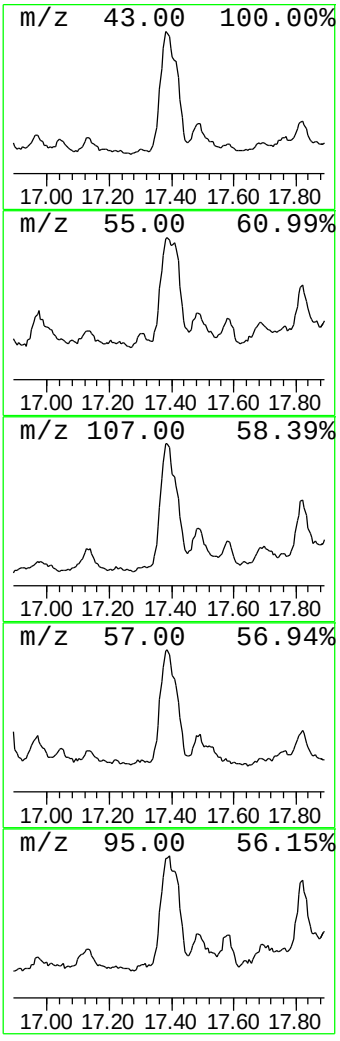
Peak Number 14 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	83.48 ng	3461770	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	97
3	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	49
4	Campesterol	400	C28H48O	000474-62-4	47
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	43





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

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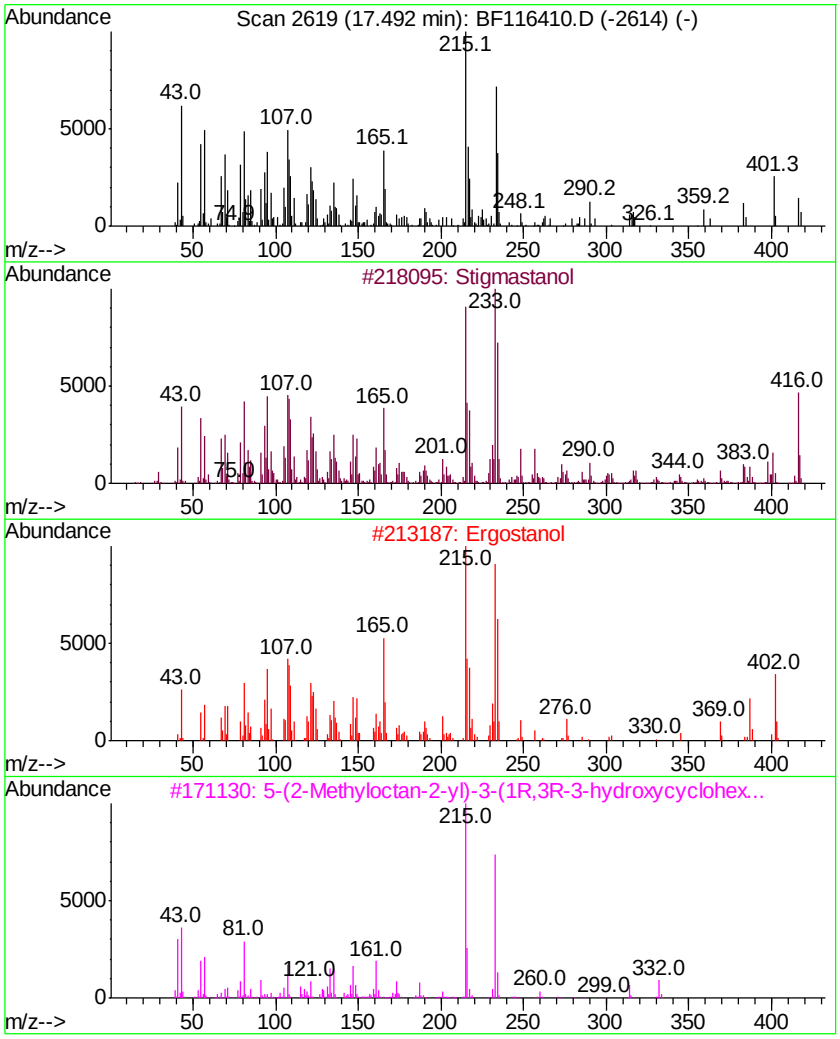
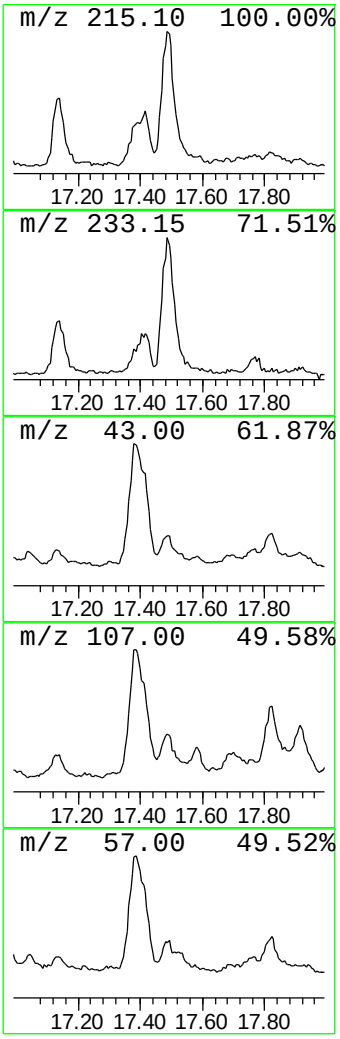
Peak Number 15 Stigmastanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	11.64 ng	482690	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmastanol	416	C29H52O	019466-47-8	89
2	Ergostanol	402	C28H50O	006538-02-9	42
3	5-(2-Methyloctan-2-yl)-3-(1R,3R-...	332	C22H36O2	070434-92-3	25
4	4-Aminodiphenylsulfone	233	C12H11NO2S	007019-01-4	18
5	7H-Benzanthrene	216	C17H12	000199-94-0	14





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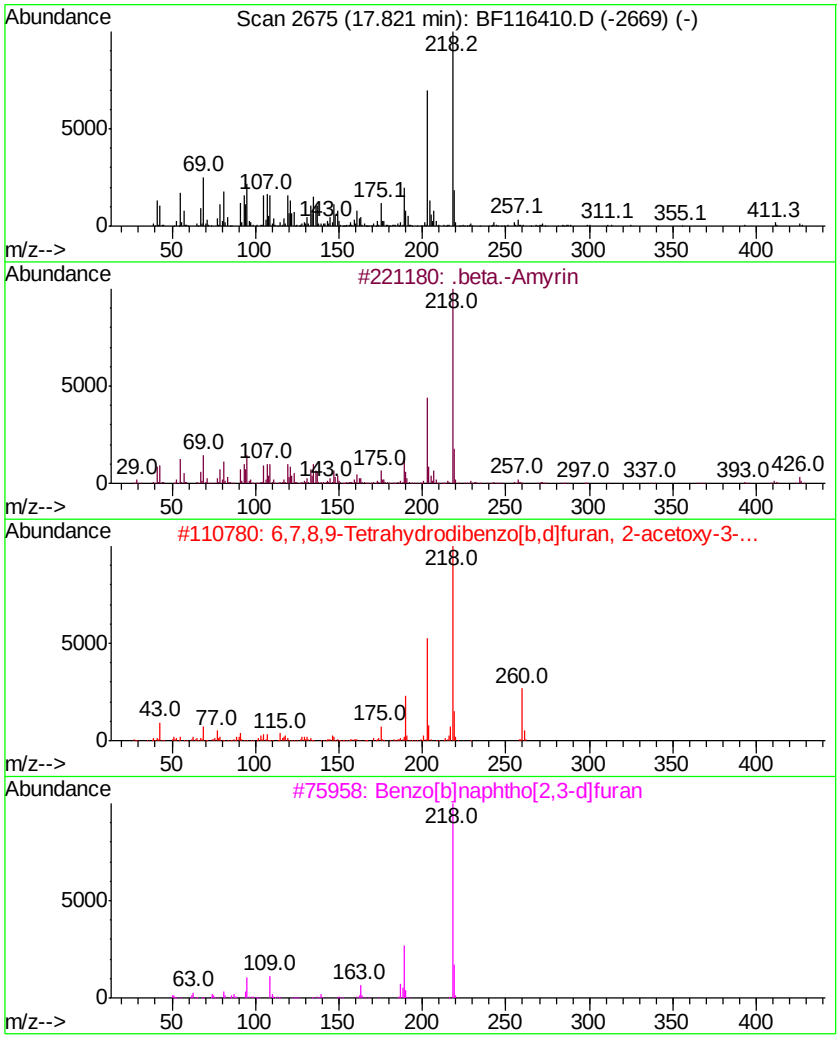
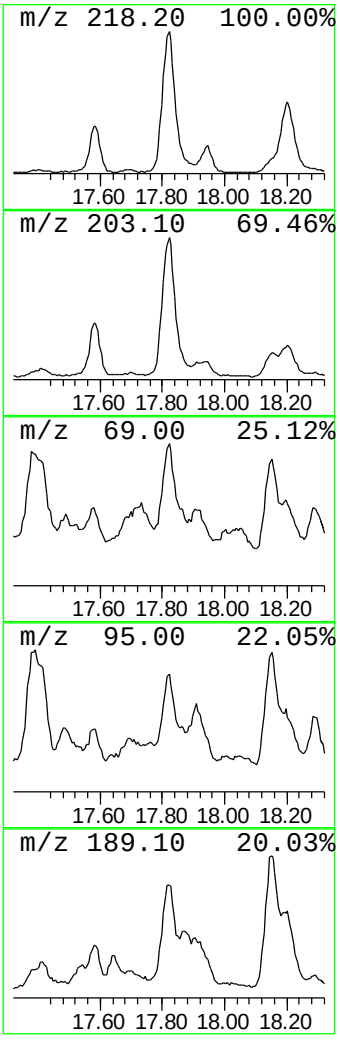
Peak Number 16 .beta.-Amyrin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	27.78 ng	1151860	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	91
2	6,7,8,9-Tetrahydrodibenzo[b,d]fu...	260	C15H16O4	1000196-34-3	68
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	60
4	2,9-Dimethyl-2,3,4,5,6,7-hexahyd...	203	C14H21N	077581-11-4	59
5	2H-1-Benzopyran-2-one, 6-acetyl-...	260	C14H12O5	129812-31-3	59





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

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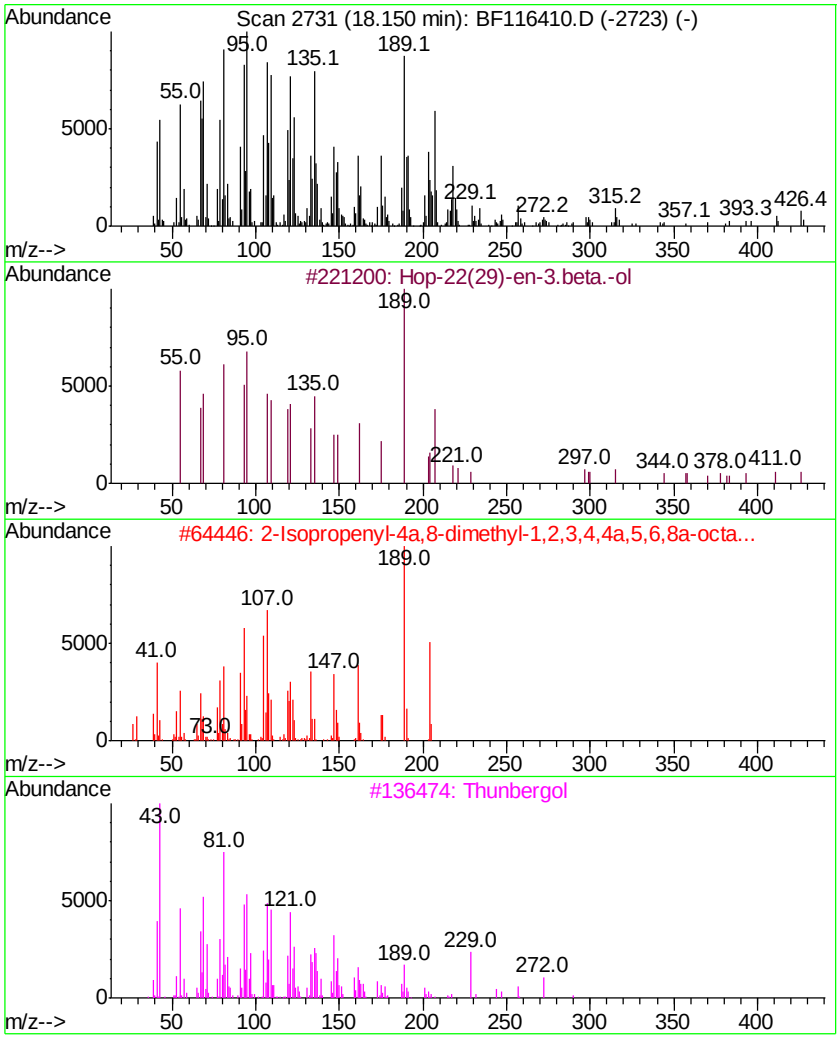
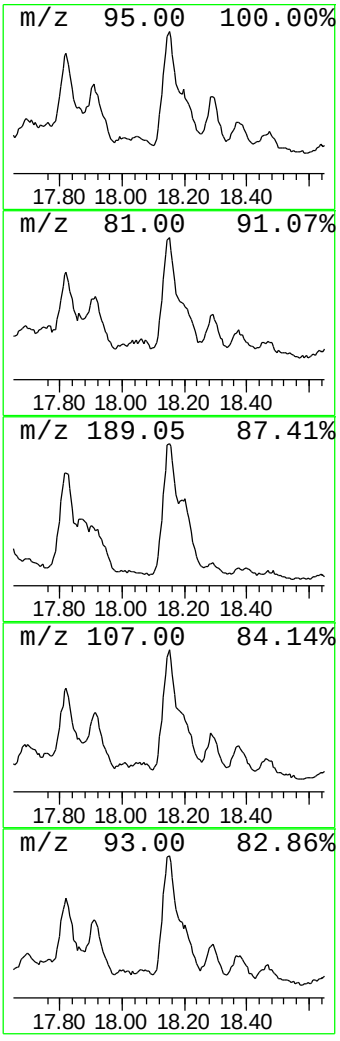
Peak Number 17 Hop-22(29)-en-3.beta.-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	39.38 ng	1633120	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	78
2	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	70
3	Thunbergol	290	C20H34O	025269-17-4	62
4	(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	53
5	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	51





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116410.D
Acq On : 20 Aug 2019 1:32
Operator : HP/JU
Sample : K4223-29
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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

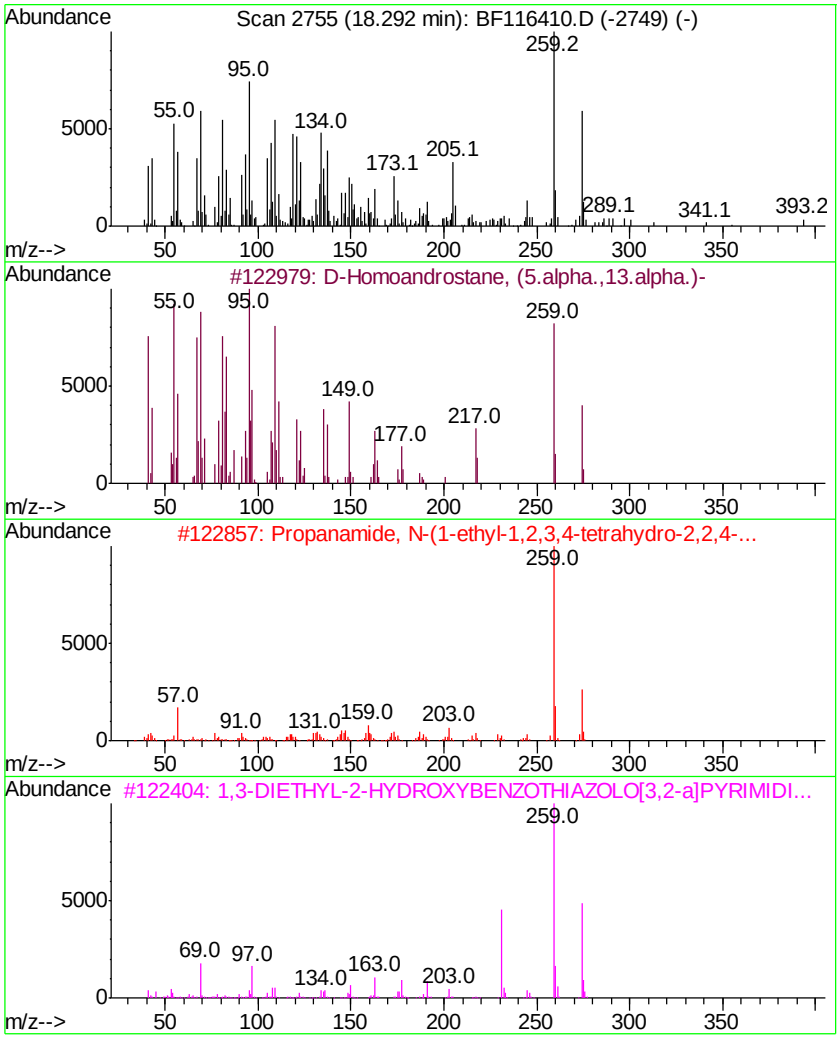
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

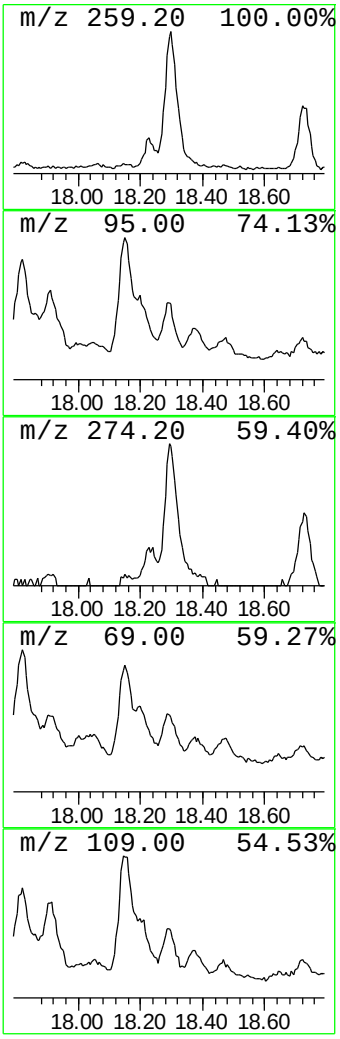
****

Peak Number 18 D-Homoandrostane, (5.alpha.... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	11.54 ng	478574	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Homoandrostane, (5.alpha.,13.a...	274	C20H34	054482-31-4	50
2	Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	35
3	1,3-DIETHYL-2-HYDROXYBENZOTHIAZO...	274	C14H14N2O2S	1000227-15-3	30
4	1-(4-Undecylphenyl)ethanone	274	C19H30O	1000185-92-4	30
5	10H-Phenoxaphosphine, 2-ethyl-10...	274	C15H15O3P	036360-91-5	25





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Acq On : 20 Aug 2019 1:32
Operator : HP/JU
Sample : K4223-29
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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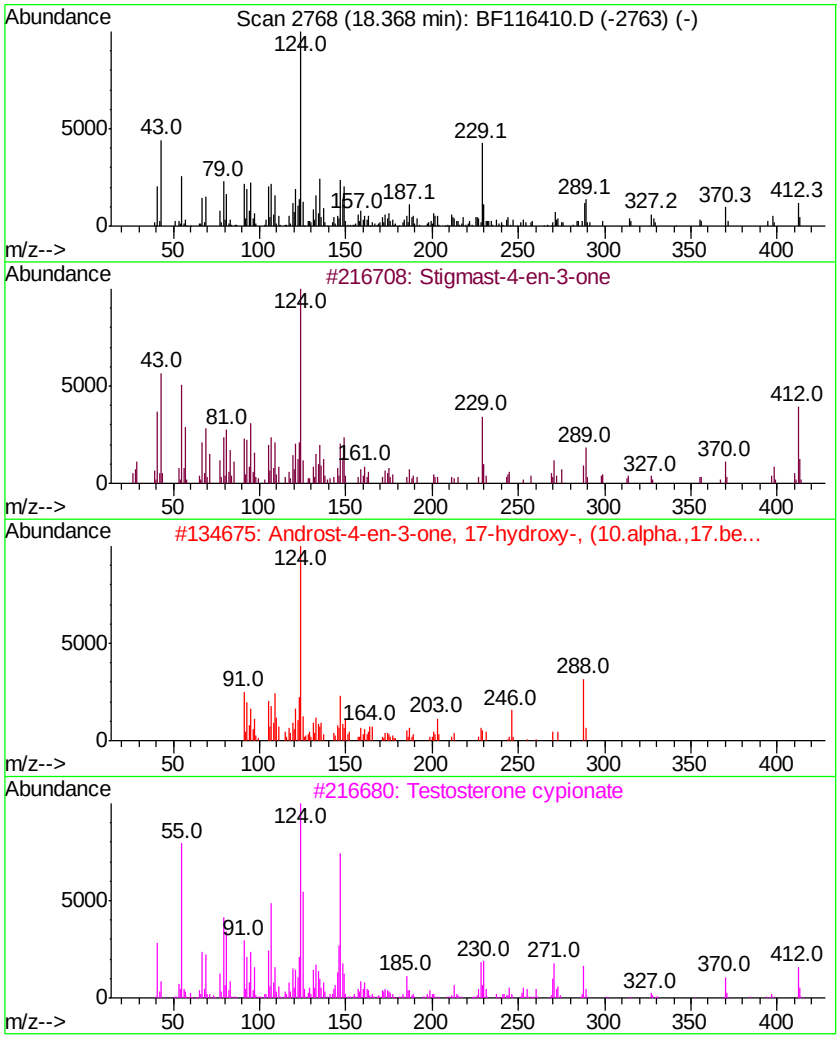
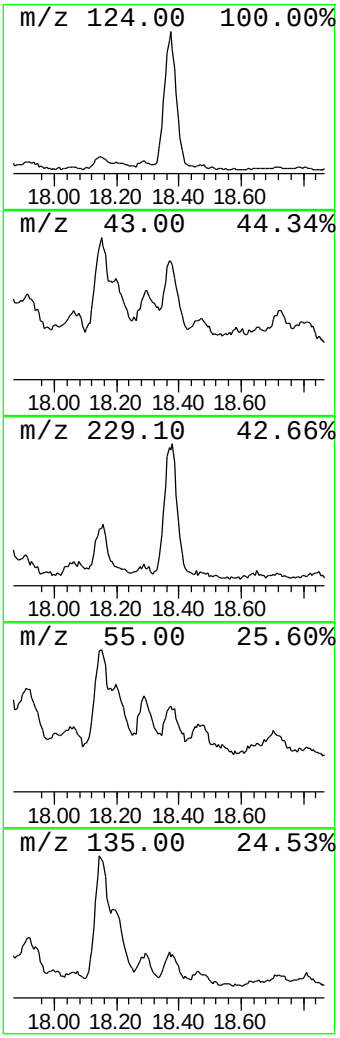
Peak Number 19 Stigmast-4-en-3-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	14.02 ng	581297	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	96
2	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	47
3	Testosterone cypionate	412	C27H40O3	000058-20-8	38
4	Testosterone	288	C19H28O2	000058-22-0	38
5	2-Methyl-4,5-pyrimidinediamine	124	C5H8N4	015579-63-2	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116410.D
Acq On : 20 Aug 2019 1:32
Operator : HP/JU
Sample : K4223-29
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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

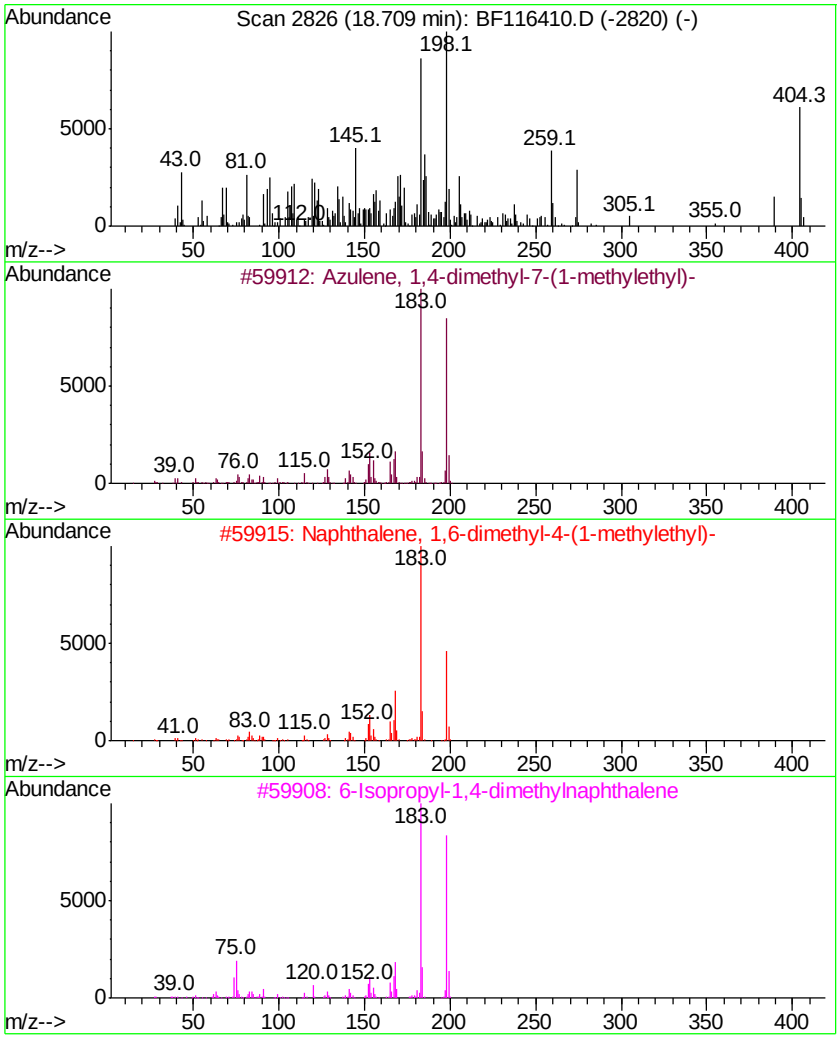
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

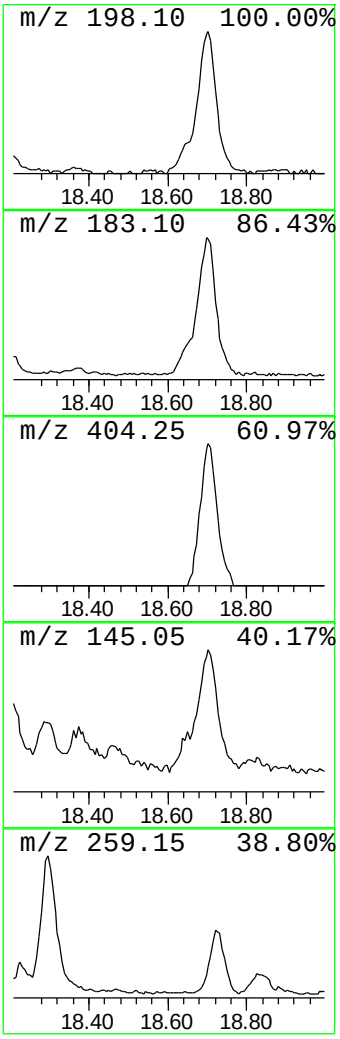
****

Peak Number 20 Azulene, 1,4-dimethyl-7-(1-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	13.96 ng	578841	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	62
2	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	46
3	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	35
4	1,2,3,4-Tetrahydrophenanthren-9-ol	198	C14H14O	019817-12-0	25
5	Benzoic acid, 4-hydroxy-3,5-dime...	198	C9H10O5	000530-57-4	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
Data File : BF116410.D
Acq On : 20 Aug 2019 1:32
Operator : HP/JU
Sample : K4223-29
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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
unknown6.58	6.58	57.6	ng	1921850	1	6.80	667590	20.0
n-Hexadecanoic acid	11.85	22.6	ng	1448330	4	11.32	1281430	20.0
Phytol	12.45	7.3	ng	471214	4	11.32	1281430	20.0
Octadecanoic acid	12.63	5.9	ng	378250	4	11.32	1281430	20.0
Oxalic acid, isob...	13.79	12.7	ng	539430	5	13.96	849928	20.0
2-Bromo dodecane	14.41	17.9	ng	762611	5	13.96	849928	20.0
Squalene	14.78	7.8	ng	324310	6	15.42	829343	20.0
Cyclohexane, 1,2,...	15.06	6.1	ng	251815	6	15.42	829343	20.0
Eicosane	15.82	40.4	ng	1674250	6	15.42	829343	20.0
1-Nonadecene	15.87	7.2	ng	297171	6	15.42	829343	20.0
dl-.alpha.-Tocoph...	16.08	14.5	ng	601820	6	15.42	829343	20.0
4-Thiazolemethano...	17.30	5.9	ng	243049	6	15.42	829343	20.0
.gamma.-Sitosterol	17.39	83.5	ng	3461770	6	15.42	829343	20.0
Stigmastanol	17.49	11.6	ng	482690	6	15.42	829343	20.0
.beta.-Amyrin	17.82	27.8	ng	1151860	6	15.42	829343	20.0
Hop-22(29)-en-3.b...	18.15	39.4	ng	1633120	6	15.42	829343	20.0
D-Homoandrostane,...	18.29	11.5	ng	478574	6	15.42	829343	20.0
Stigmast-4-en-3-one	18.37	14.0	ng	581297	6	15.42	829343	20.0
Azulene, 1,4-dime...	18.71	14.0	ng	578841	6	15.42	829343	20.0