LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103216.D
Acq On : 26 Feb 2018 14:07
Operator : SJ/JU
Sample : J1652-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4248

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	2.152	5	11	23	rVB	964193	1290672	36.07%	2.515%
2	5.104	510	513	525	rVB	151983	200997	5.62%	0.392%
3	5.493	575	579	595	rBV	3409580	3578378	100.00%	6.974%
4	6.504	746	751	754	rBV	3195363	3274962	91.52%	6.383%
5	6.640	770	774	778	rBV	3552426	3436193	96.03%	6.697%
6	6.869	809	813	820	rBV	1224536	994363	27.79%	1.938%
7	7.028	835	840	843	rBV	2872332	2708950	75.70%	5.280%
8	7.434	904	909	912	rBV	2353983	2227469	62.25%	4.341%
9	8.151	1027	1031	1033	rBV	1488828	1326614	37.07%	2.585%
10	8.175	1033	1035	1041	rVV	1095241	901605	25.20%	1.757%
11	8.228	1041	1044	1050	rVB	47737	59980	1.68%	0.117%
12	8.863	1149	1152	1159	rBV	403635	366862	10.25%	0.715%
13	8.963	1164	1169	1173	rVB2	231847	207004	5.78%	0.403%
14	9.228	1209	1214	1217	rBV	3451437	3317433	92.71%	6.465%
15	9.298	1223	1226	1228	rBV	88846	74242	2.07%	0.145%
16	9.328	1228	1231	1236	rVB	73738	69914	1.95%	0.136%
17	9.486	1254	1258	1264	rBV	147677	215693	6.03%	0.420%
18	9.563	1267	1271	1274	rVV	200078	217888	6.09%	0.425%
19	9.592	1274	1276	1278	rVV	128138	115524	3.23%	0.225%
20	9.616	1278	1280	1288	rVB	310347	284893	7.96%	0.555%
21	9.680	1288	1291	1296	rBV2	107243	127350	3.56%	0.248%
22	9.769	1303	1306	1309	rBV	99183	82599	2.31%	0.161%
23	9.828	1312	1316	1320	rVB	186267	153579	4.29%	0.299%
24	9.910	1326	1330	1332	rBV	1215759	1172459	32.77%	2.285%
25	9.939	1332	1335	1338	rVB	905751	708614	19.80%	1.381%
26	10.004	1344	1346	1351	rVB2	58743	75297	2.10%	0.147%
27	10.063	1351	1356	1358	rBV2	111578	120416	3.37%	0.235%
28	10.110	1361	1364	1368	rVV	596964	561868	15.70%	1.095%
29	10.145	1368	1370	1374	rVB2	133949	117910	3.30%	0.230%
30	10.222	1379	1383	1385	rBV	90337	85197	2.38%	0.166%
31	10.251	1385	1388	1394	rVB2	66232	81887	2.29%	0.160%
32	10.328	1394	1401	1404	rBV2	231577	281270	7.86%	0.548%
33	10.457	1419	1423	1428	rVV	1112280	959734	26.82%	1.870%
34	10.504	1428	1431	1432	rBV	66466	53115	1.48%	0.104%

LSC Area Percent Report

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Data File : BF103216.D
Acq On : 26 Feb 2018 14:07
Operator : SJ/JU
Sample : J1652-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4248

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.522	1432	1434	1435	rVV	96221	74273	2.08%	0.145%
36	10.539	1435	1437	1440	rVB3	133902	133249	3.72%	0.260%
37	10.610	1447	1449	1454	rVB	253871	213816	5.98%	0.417%
38	10.698	1460	1464	1469	rBV	1778240	1732218	48.41%	3.376%
39	10.798	1478	1481	1490	rVB4	190476	342184	9.56%	0.667%
40	11.004	1512	1516	1519	rBV2	180167	189959	5.31%	0.370%
41	11.033	1519	1521	1523	rVB	64801	52611	1.47%	0.103%
42	11.086	1527	1530	1533	rVB	88932	79115	2.21%	0.154%
43	11.127	1533	1537	1539	rBV3	85699	108324	3.03%	0.211%
44	11.151	1539	1541	1546	rVB	85976	87736	2.45%	0.171%
45	11.204	1547	1550	1553	rVB2	74638	72843	2.04%	0.142%
46	11.245	1553	1557	1560	rBV2	133447	150080	4.19%	0.292%
47	11.292	1560	1565	1569	rVB2	196082	236431	6.61%	0.461%
48	11.345	1571	1574	1577	rVB	98213	81563	2.28%	0.159%
49	11.398	1579	1583	1585	rBV	1046243	1021628	28.55%	1.991%
50	11.422	1585	1587	1590	rVV	1963296	1560852	43.62%	3.042%
51	11.474	1591	1596	1598	rVV	677656	628854	17.57%	1.226%
52	11.510	1598	1602	1607	rVB2	102651	166135	4.64%	0.324%
53	11.604	1615	1618	1619	rBV	82968	77578	2.17%	0.151%
54	11.627	1619	1622	1628	rVV2	186292	239075	6.68%	0.466%
55	11.686	1631	1632	1637	rVV2	62281	61524	1.72%	0.120%
56	11.898	1664	1668	1670	rBV	214859	207277	5.79%	0.404%
57	11.927	1670	1673	1676	rVB	307043	277062	7.74%	0.540%
58	11.974	1676	1681	1684	rBV	139456	129994	3.63%	0.253%
59	12.016	1684	1688	1696	rVB2	563586	722778	20.20%	1.409%
60	12.080	1696	1699	1701	rBV	63658	53427	1.49%	0.104%
61	12.192	1715	1718	1721	rBV	163265	139175	3.89%	0.271%
62	12.339	1738	1743	1746	rBV2	45298	52227	1.46%	0.102%
63	12.445	1758	1761	1764	rBV	86443	88517	2.47%	0.173%
64	12.486	1764	1768	1770	rVV3	54361	76301	2.13%	0.149%
65	12.539	1774	1777	1781	rBV2	88320	95938	2.68%	0.187%
66	12.616	1785	1790	1793	rBV	2256052	2131262	59.56%	4.154%
67	12.763	1808	1815	1817	rBV2	85309	115166	3.22%	0.224%
68	12.786	1817	1819	1822	rVB	247676	224004	6.26%	0.437%
69	12.845	1822	1829	1832	rBV2	1577204	1844025	51.53%	3.594%
70	12.892	1834	1837	1841	rVB2	78002	88971	2.49%	0.173%
71	12.980	1845	1852	1855	rBV	2265585	2229984	62.32%	4.346%

LSC Area Percent Report

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Acq On : 26 Feb 2018 14:07
Operator : SJ/JU
Sample : J1652-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4248

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.004	1855	1856	1860	rVB	87118	54813	1.53%	0.107%
73	13.057	1861	1865	1870	rBV4	96458	171253	4.79%	0.334%
74	13.145	1876	1880	1881	rBV2	87954	93306	2.61%	0.182%
75	13.168	1881	1884	1887	rVB	277319	267683	7.48%	0.522%
76	13.233	1892	1895	1898	rBV	255664	238794	6.67%	0.465%
77	13.274	1898	1902	1904	rBV2	104003	126137	3.52%	0.246%
78	13.368	1915	1918	1920	rBV	65276	58274	1.63%	0.114%
79	13.398	1920	1923	1929	rVV3	65340	87149	2.44%	0.170%
80	13.492	1936	1939	1942	rVB	174383	158146	4.42%	0.308%
81	13.651	1963	1966	1969	rBV5	35234	46842	1.31%	0.091%
82	13.680	1969	1971	1975	rVB	57333	57549	1.61%	0.112%
83	13.792	1987	1990	1992	rBV	90400	82763	2.31%	0.161%
84	13.816	1992	1994	1996	rVV	104008	84889	2.37%	0.165%
85	13.845	1996	1999	2000	rVV	82639	87487	2.44%	0.171%
86	13.868	2000	2003	2005	rVV3	211644	246400	6.89%	0.480%
87	13.921	2009	2012	2014	rVB	70567	58806	1.64%	0.115%
88	14.004	2023	2026	2028	rBV2	116565	111590	3.12%	0.217%
89	14.039	2028	2032	2035	rVV2	985659	1382202	38.63%	2.694%
90	14.068	2035	2037	2045	rVB	598366	539445	15.08%	1.051%
91	14.151	2048	2051	2053	rVV	67968	52264	1.46%	0.102%
92	14.433	2097	2099	2102	rVB	64476	48980	1.37%	0.095%
93	14.498	2107	2110	2114	rBV3	63264	95344	2.66%	0.186%
94	14.880	2172	2175	2178	rVB	145115	145804	4.07%	0.284%
95	15.098	2208	2212	2215	rBV	250063	367315	10.26%	0.716%
96	15.404	2261	2264	2271	rVB	124156	167468	4.68%	0.326%
97	15.468	2272	2275	2280	rBV2	160497	214742	6.00%	0.419%
98	15.533	2281	2286	2291	rBV	603421	889993	24.87%	1.735%
99	15.968	2357	2360	2364	rVB2	56441	77262	2.16%	0.151%
100	16.480	2445	2447	2452	rVB2	48918	60017	1.68%	0.117%

Sum of corrected areas: 51309804

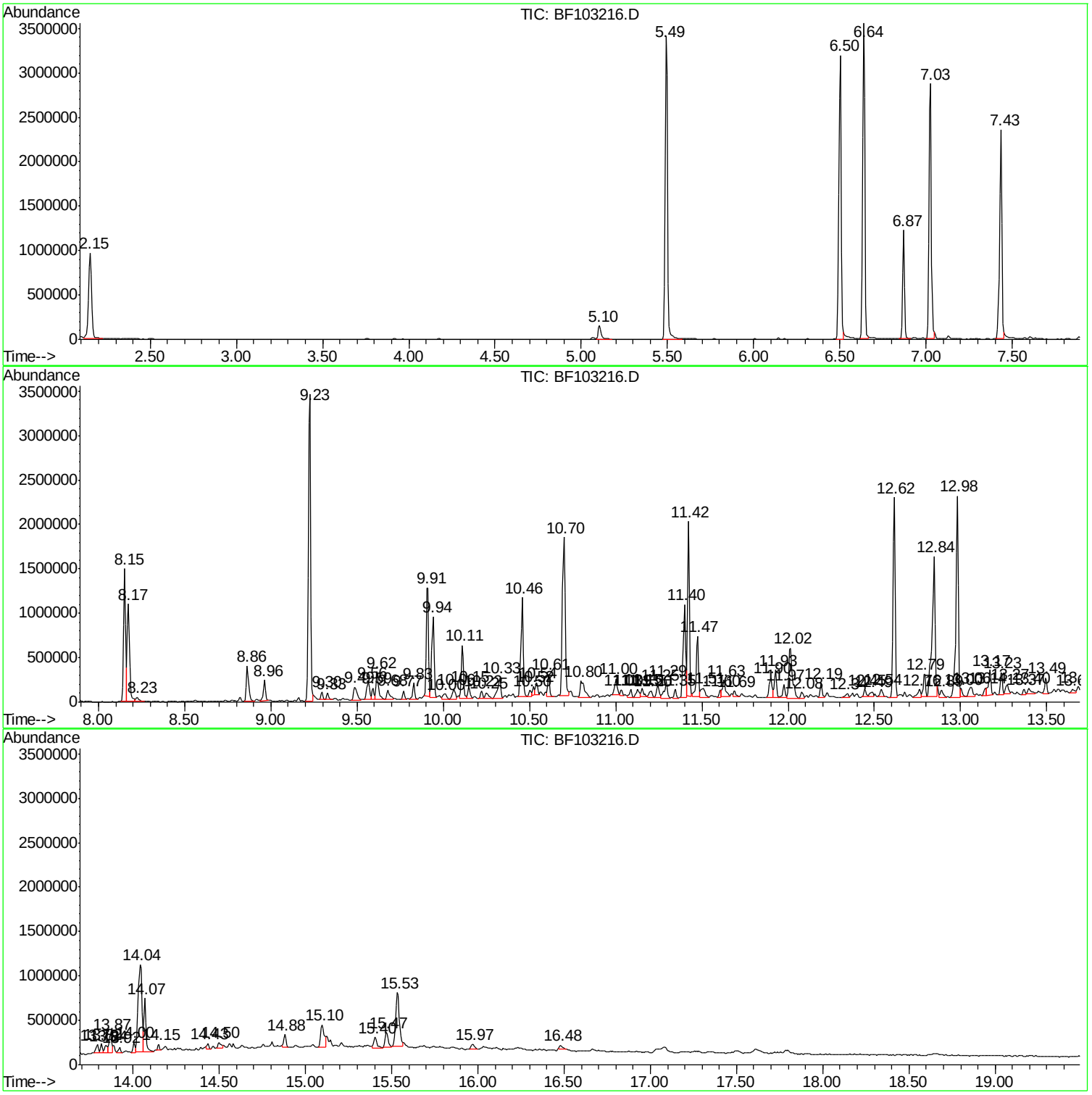
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103216.D
Acq On : 26 Feb 2018 14:07
Operator : SJ/JU
Sample : J1652-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4248

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103216.D
Acq On : 26 Feb 2018 14:07
Operator : SJ/JU
Sample : J1652-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4248

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

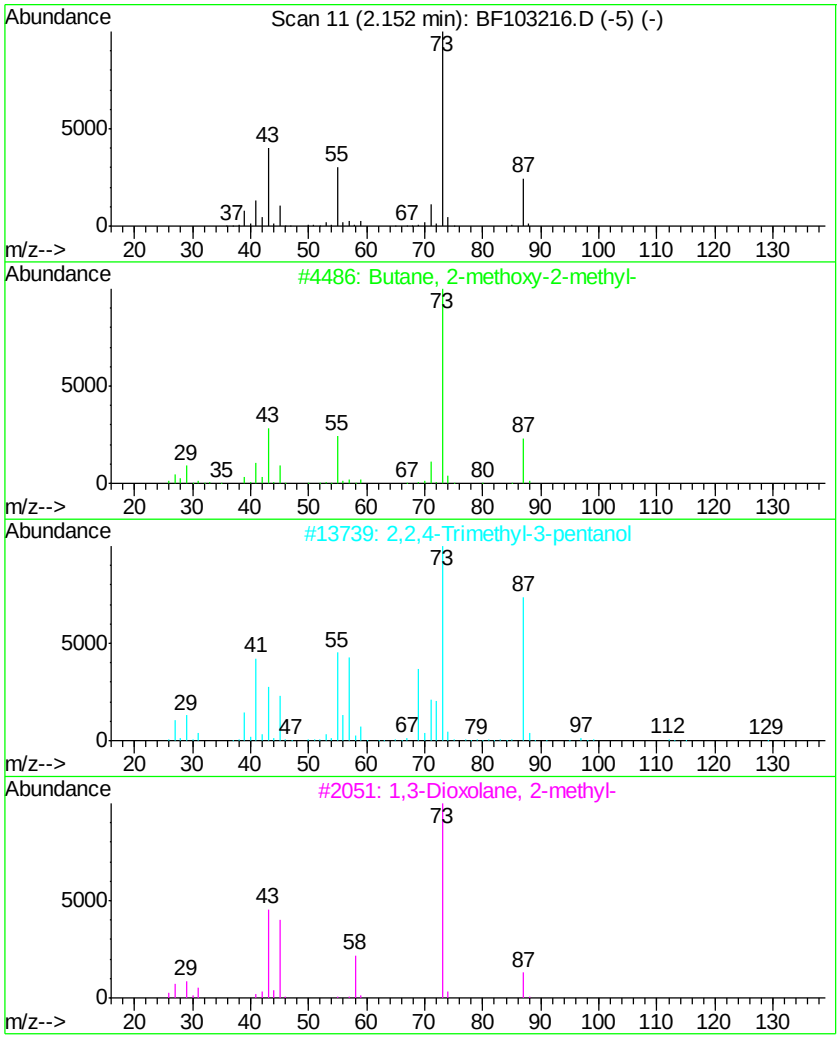
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

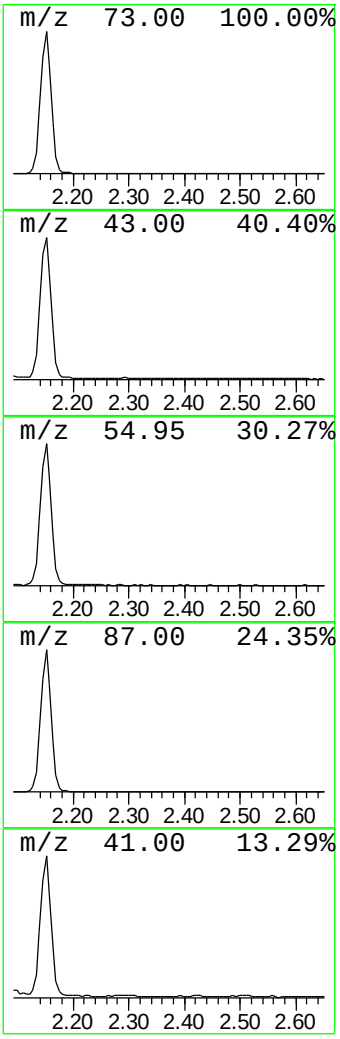
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	25.96 ng	1290670	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103216.D
Acq On : 26 Feb 2018 14:07
Operator : SJ/JU
Sample : J1652-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4248

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

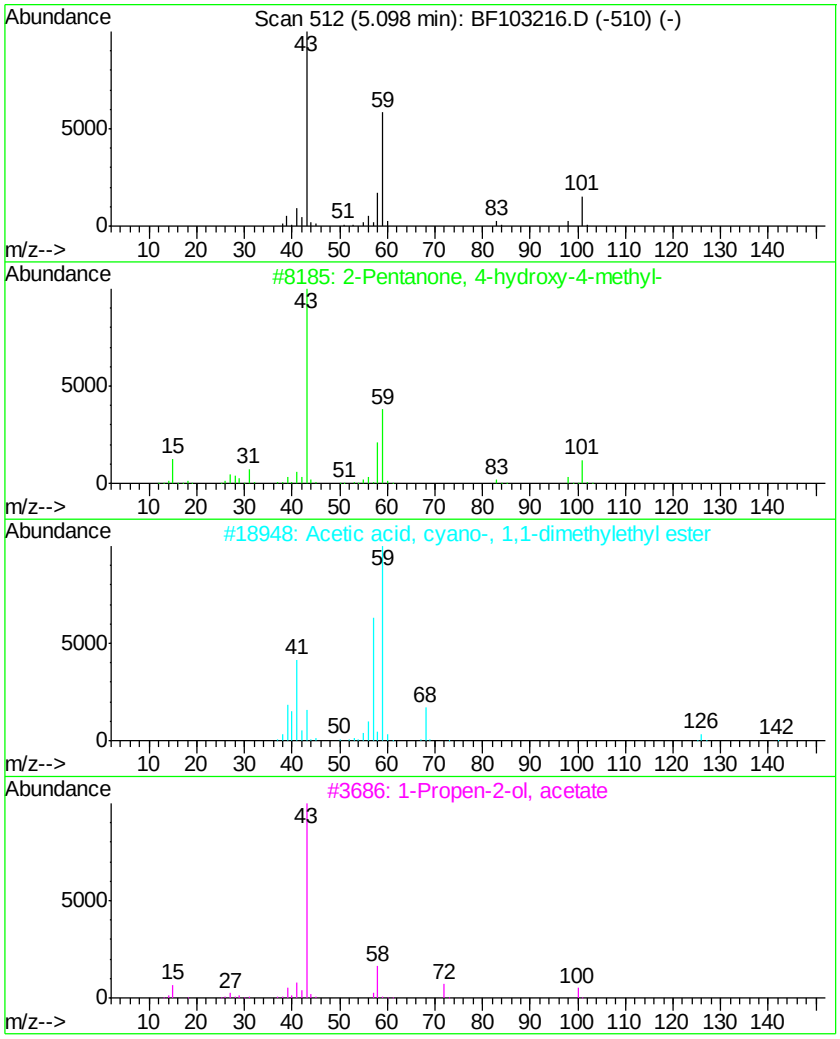
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

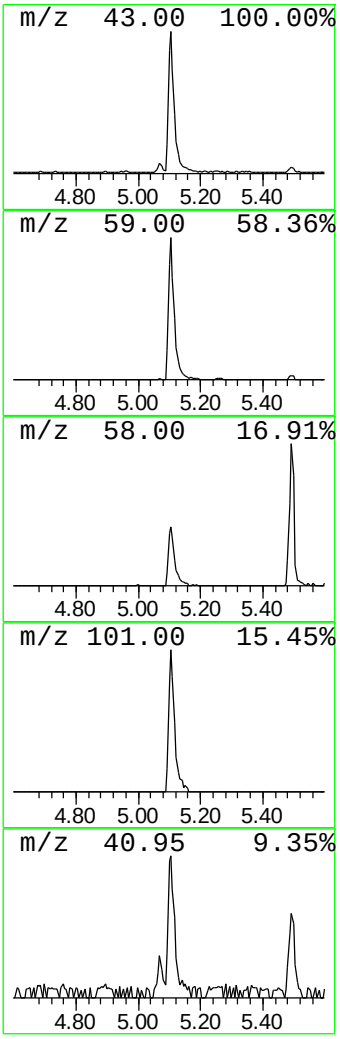
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	4.04 ng	200997	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Propane, 2-methoxy-	74	C4H10O	000598-53-8	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103216.D
Acq On : 26 Feb 2018 14:07
Operator : SJ/JU
Sample : J1652-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4248

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

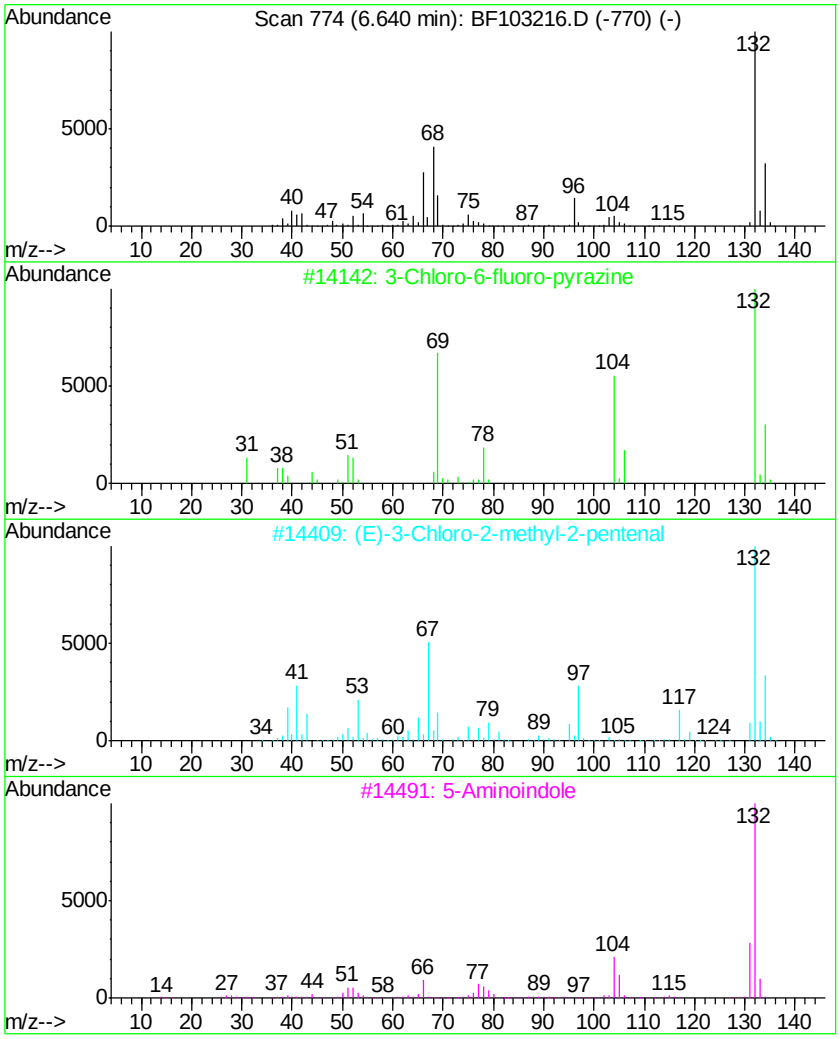
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

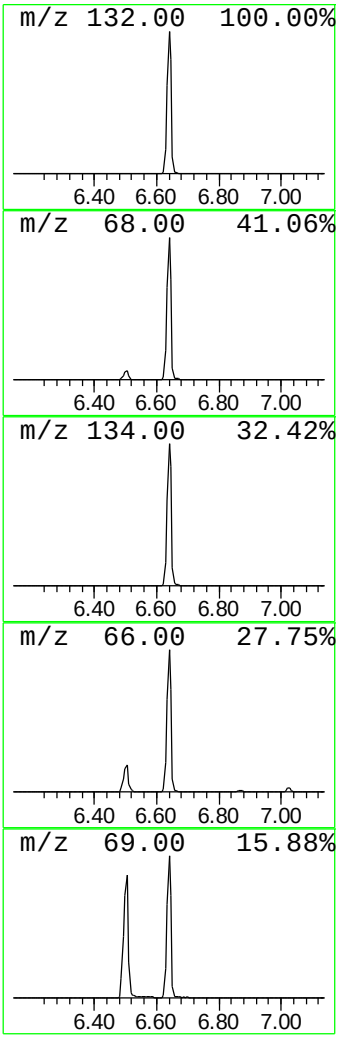
****

Peak Number 3 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	69.11 ng	3436190	1,4-Dichlorobenzene-d4	6.87

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103216.D
Acq On : 26 Feb 2018 14:07
Operator : SJ/JU
Sample : J1652-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4248

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

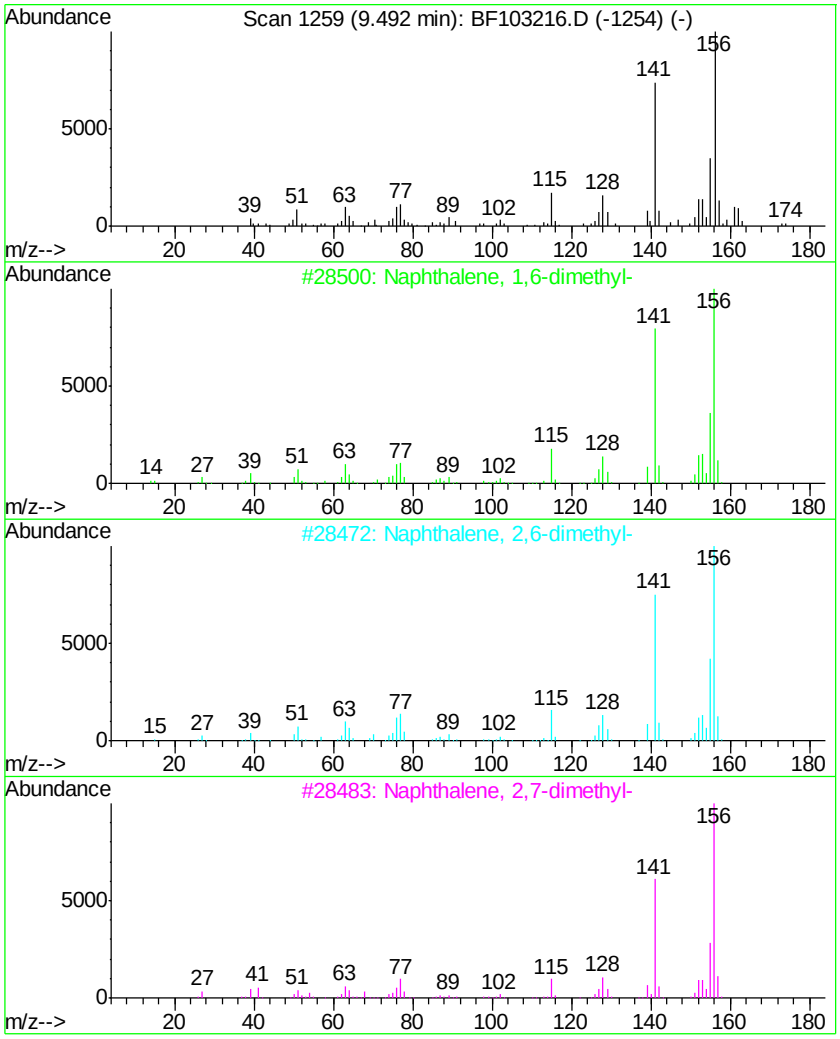
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

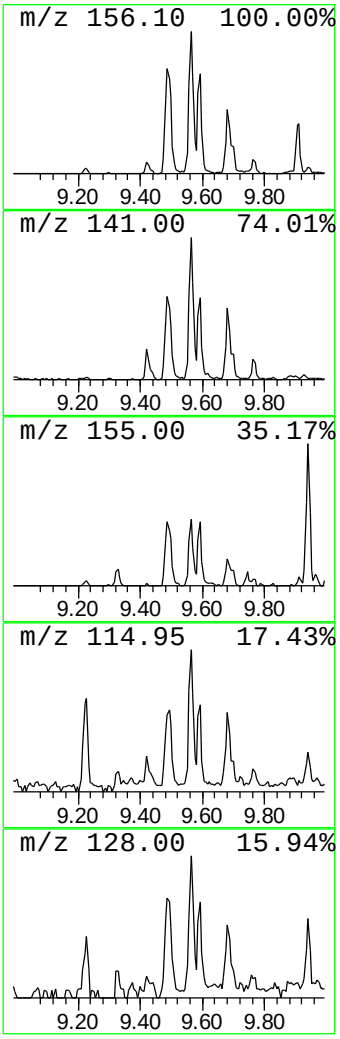
****

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	3.68 ng	215693	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103216.D
Acq On : 26 Feb 2018 14:07
Operator : SJ/JU
Sample : J1652-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4248

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

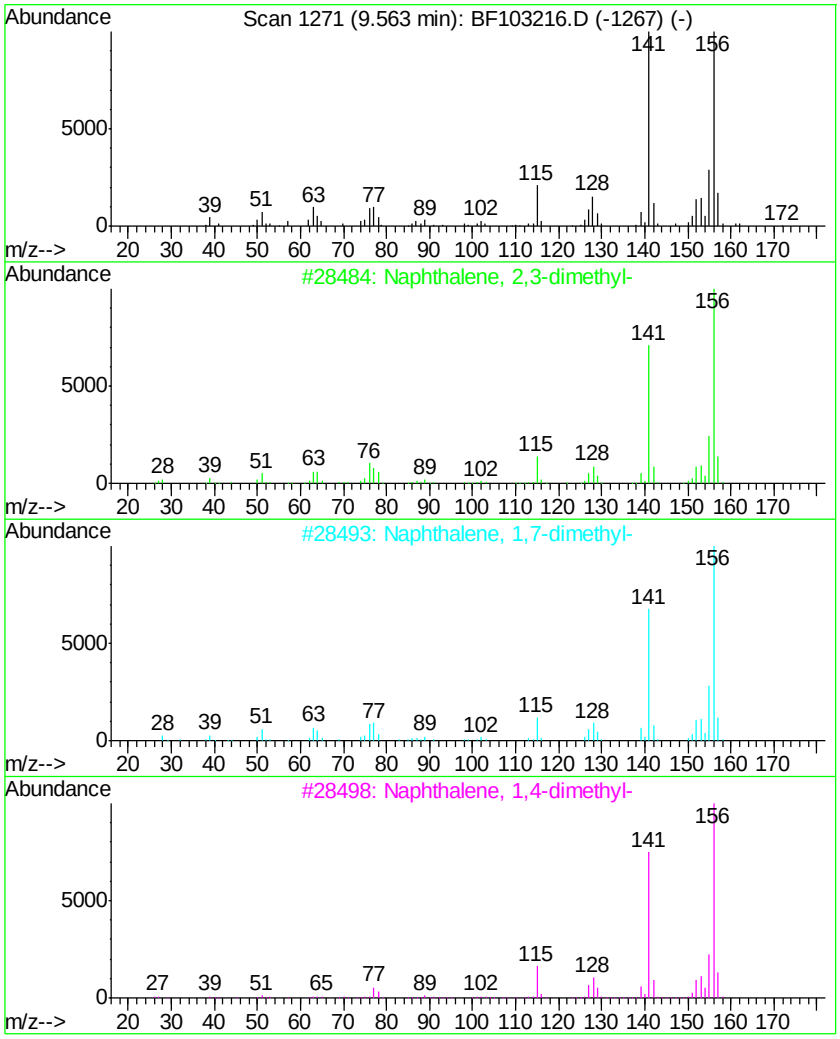
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

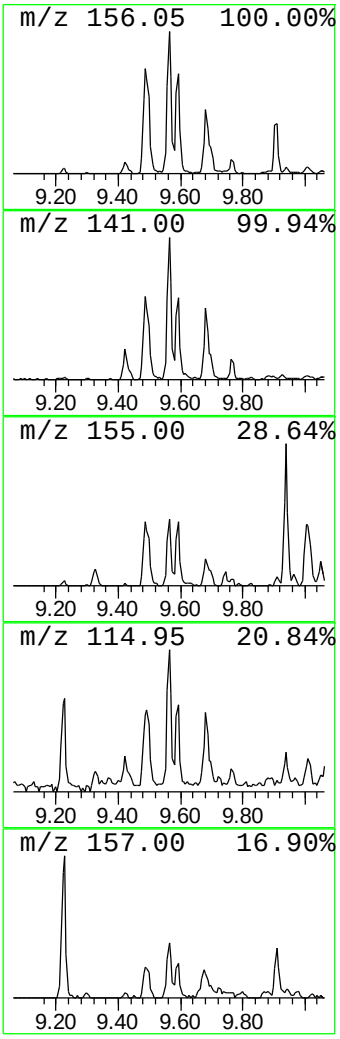
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	3.72 ng	217888	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 26 Feb 2018 14:07
Operator : SJ/JU
Sample : J1652-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4248

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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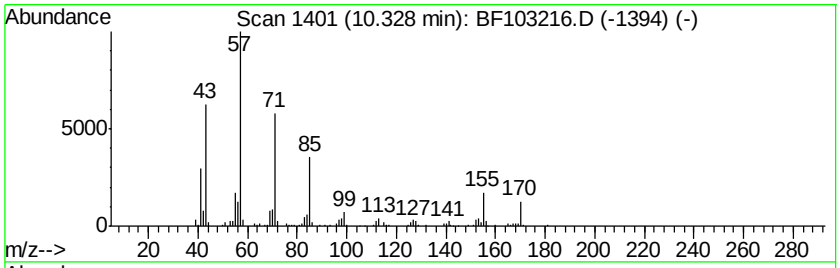
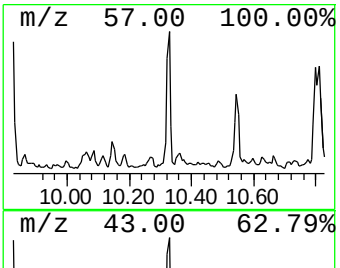
Peak Number 7 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	4.80 ng	281270	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	74
2	Hexadecane	226	C16H34	000544-76-3	72
3	Eicosane	282	C20H42	000112-95-8	68
4	Tetradecane	198	C14H30	000629-59-4	68
5	Heptacosane	380	C27H56	000593-49-7	64





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ClientSampleId : RT-4248

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

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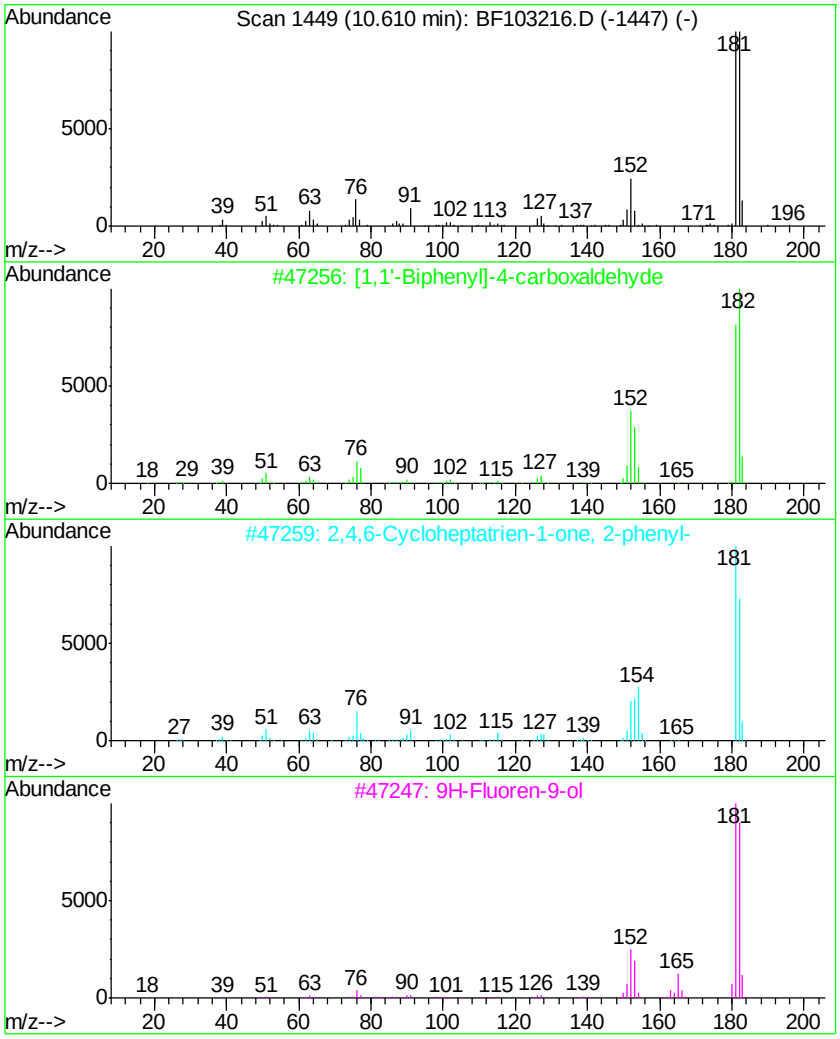
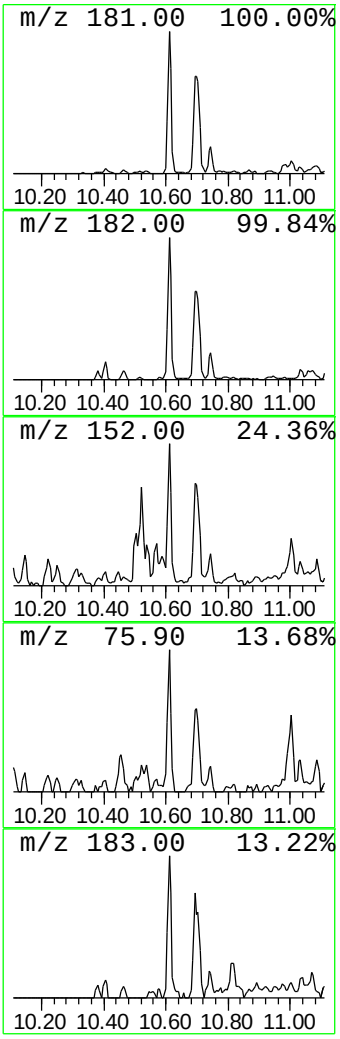
Peak Number 8 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	3.65 ng	213816	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
5	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	72





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TIC Library : C:\DATABASE\NIST11.L
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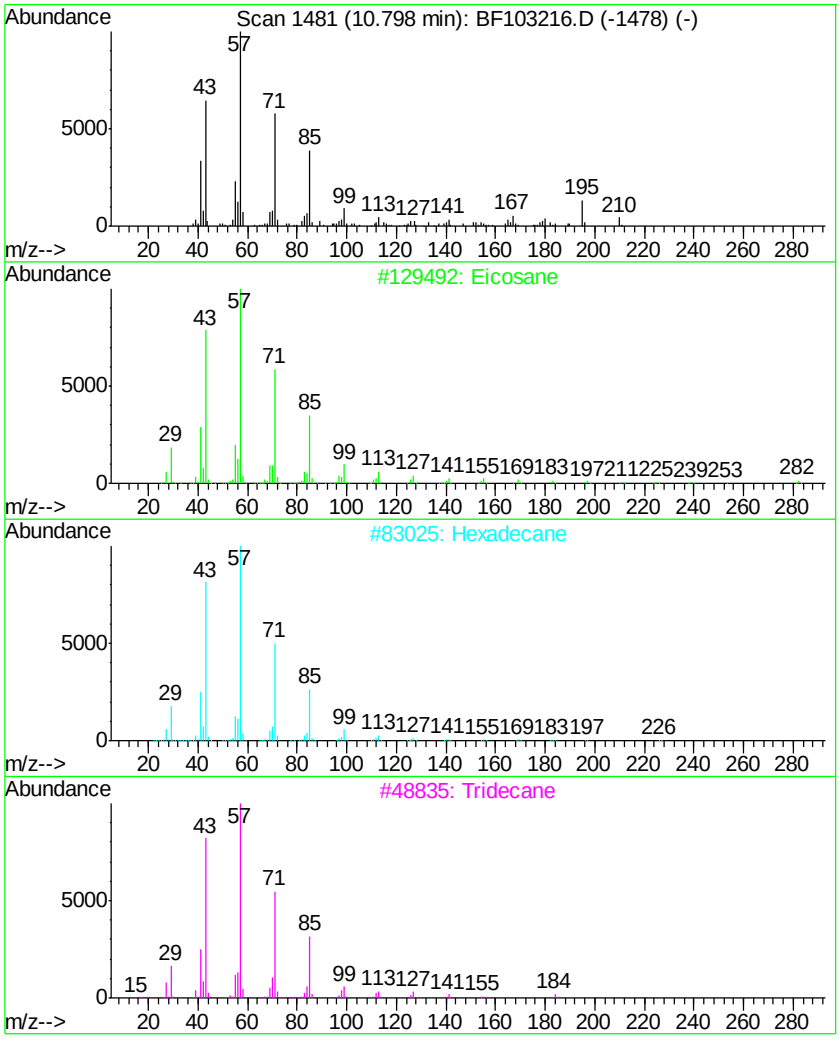
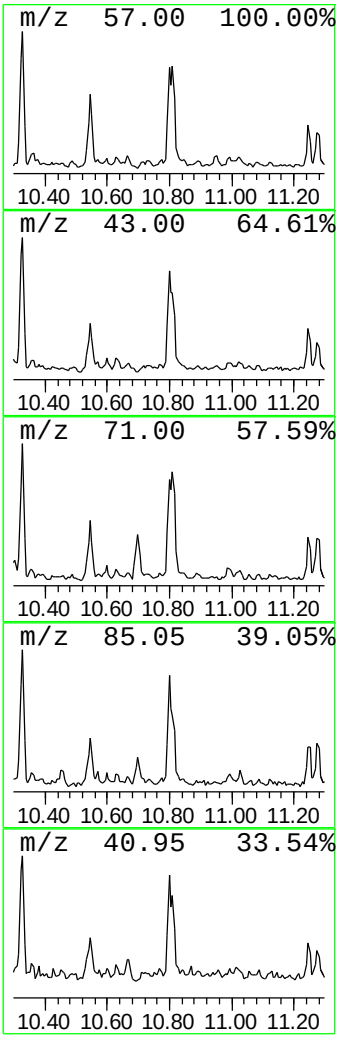
Peak Number 9 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	6.70 ng	342184	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	68
2	Hexadecane	226	C16H34	000544-76-3	68
3	Tridecane	184	C13H28	000629-50-5	60
4	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	43
5	Decane, 4-methyl-	156	C11H24	002847-72-5	30





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4248

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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TIC Integration Parameters: LSCINT.P

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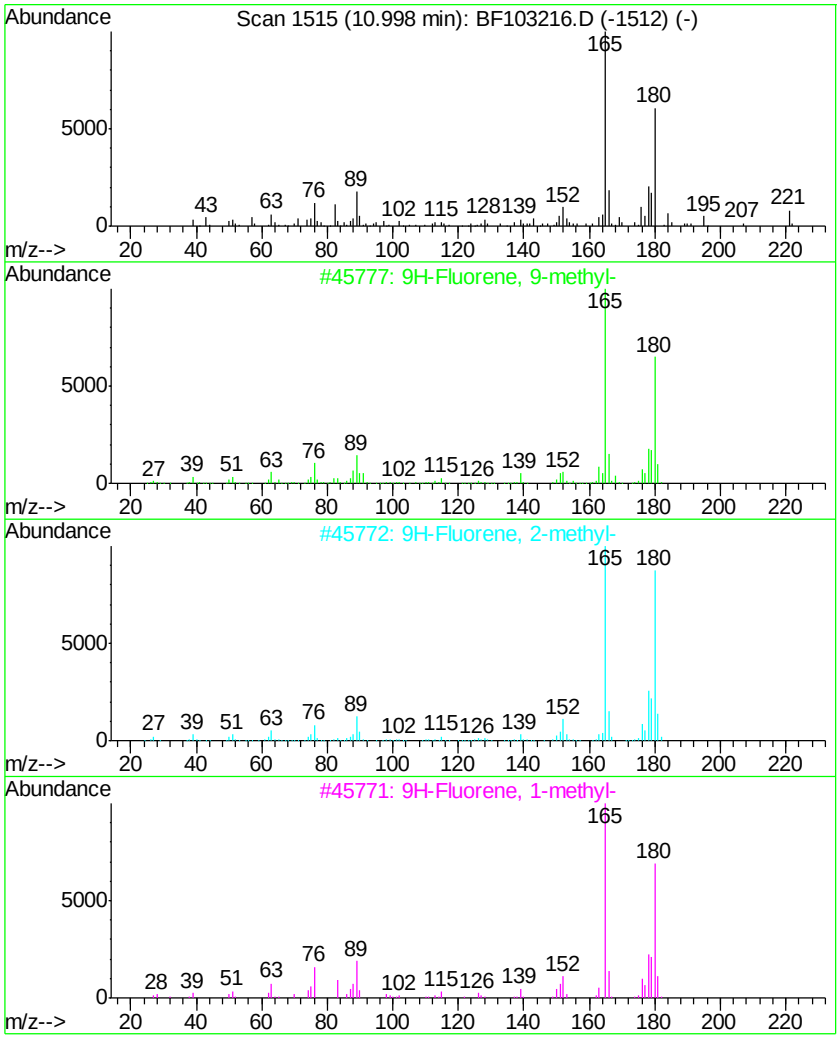
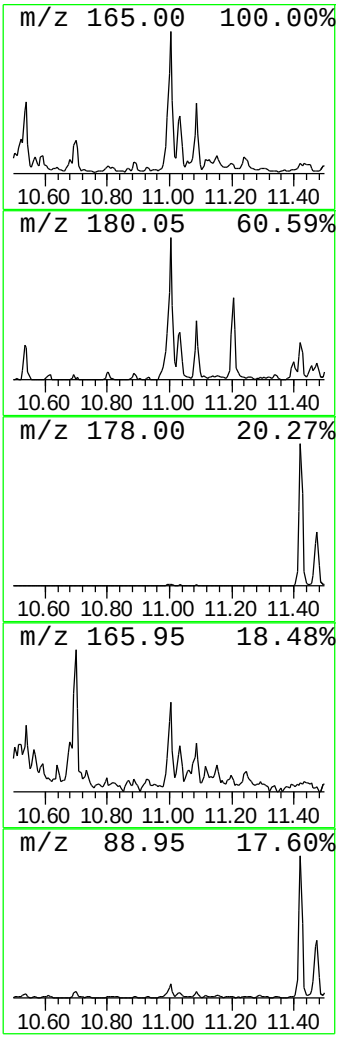
Peak Number 10 9H-Fluorene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	3.72 ng	189959	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	64





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

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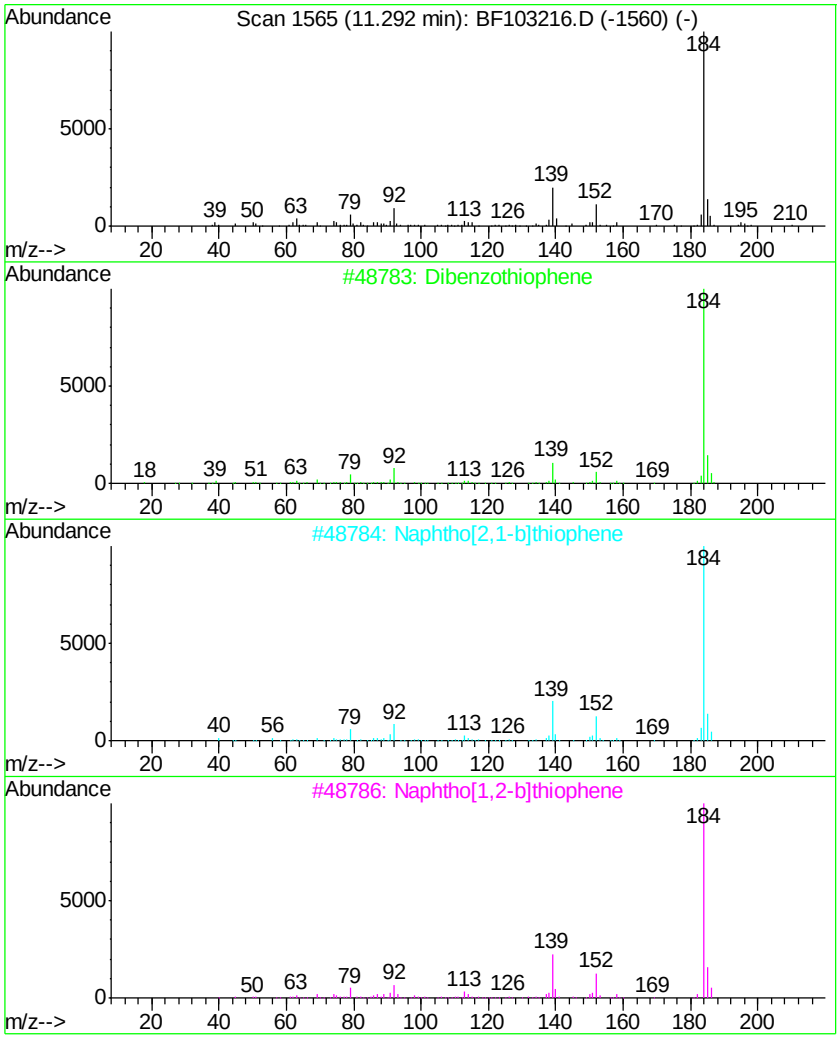
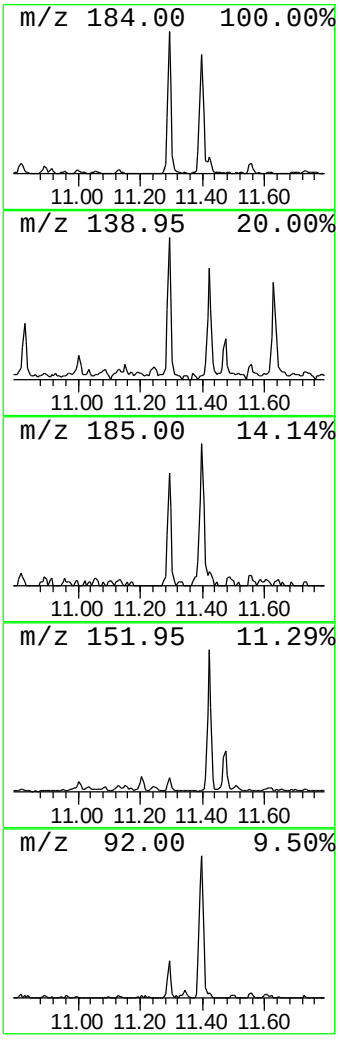
Peak Number 11 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	4.63 ng	236431	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	64





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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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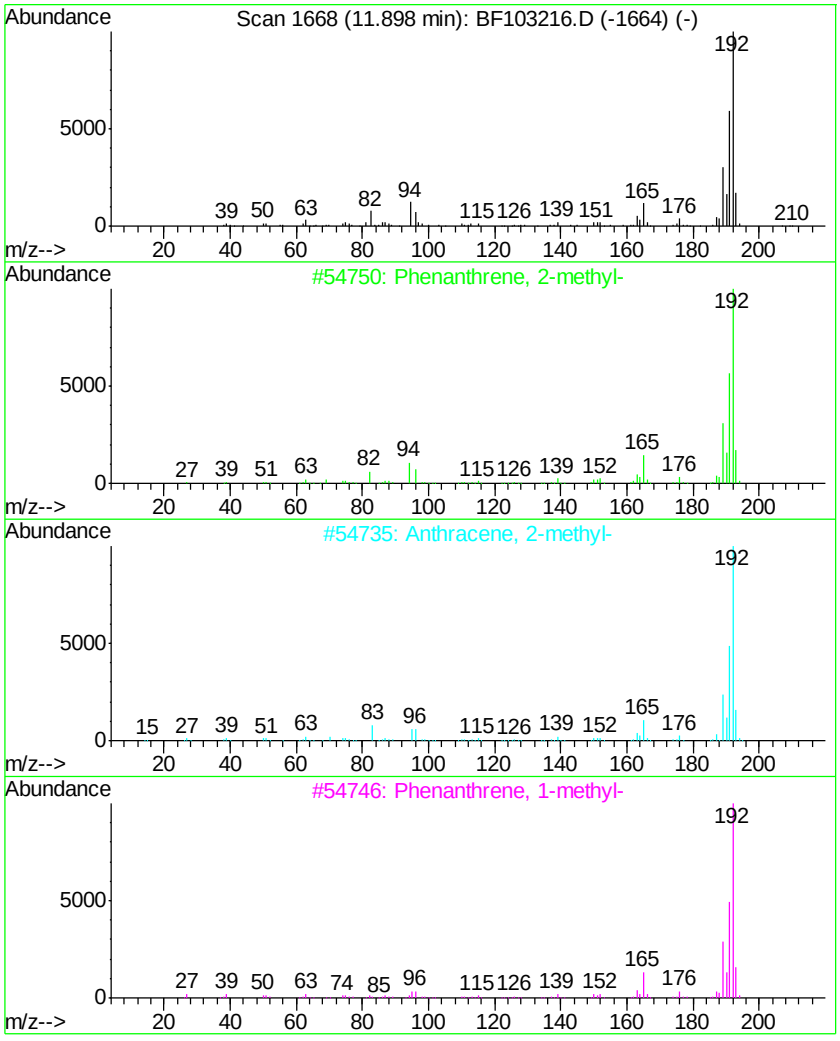
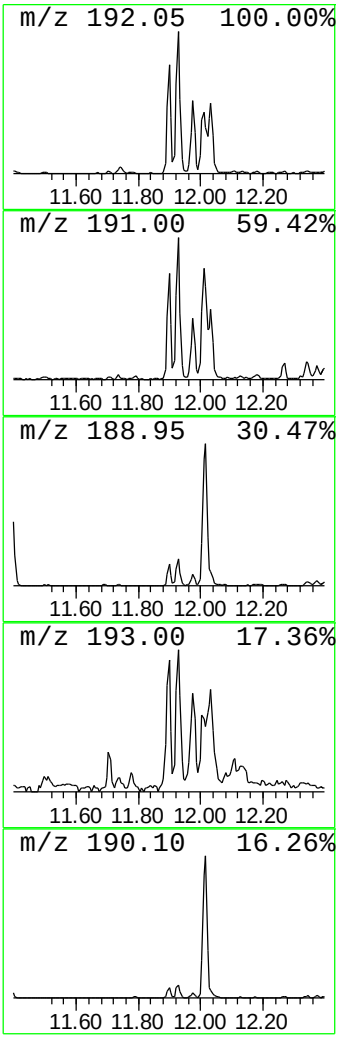
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.06 ng	207277	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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ClientSampleId : RT-4248

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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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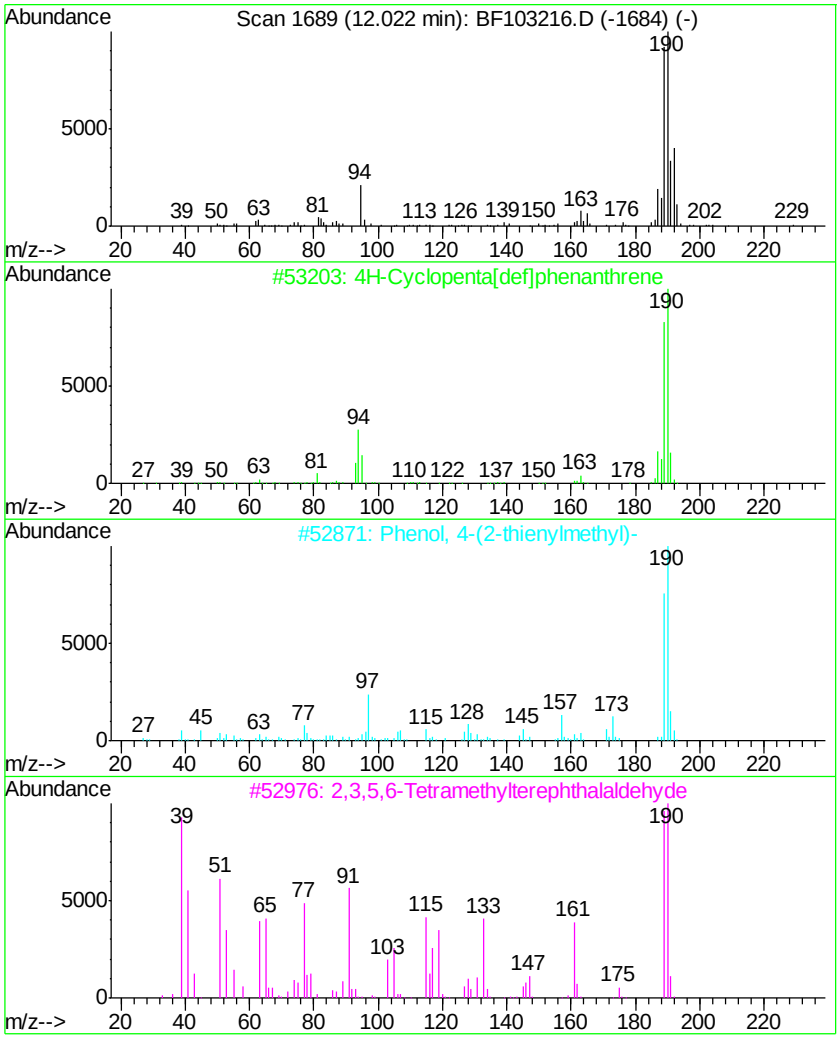
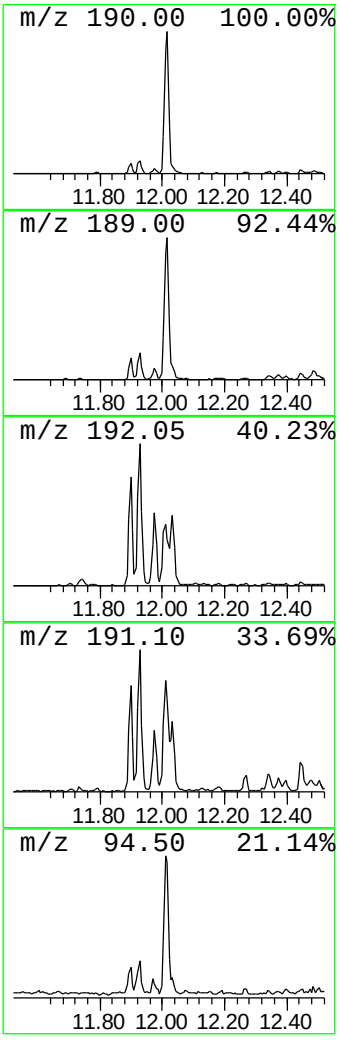
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	14.15 ng	722778	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	96
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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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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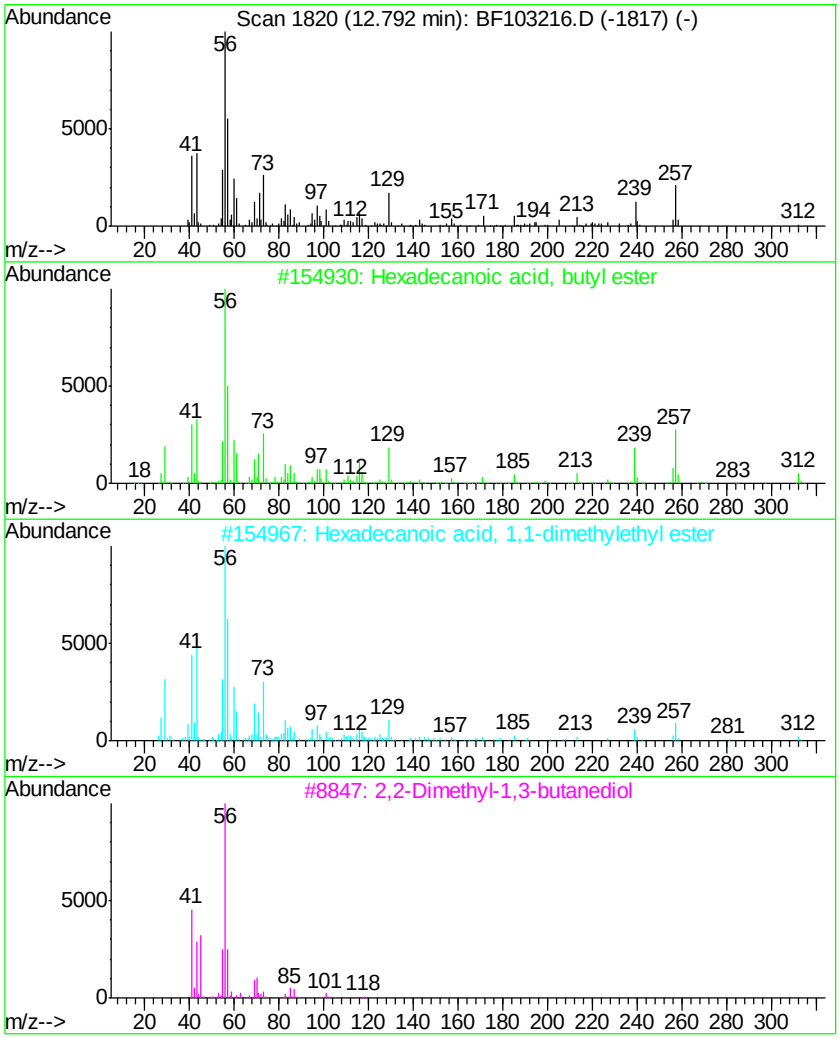
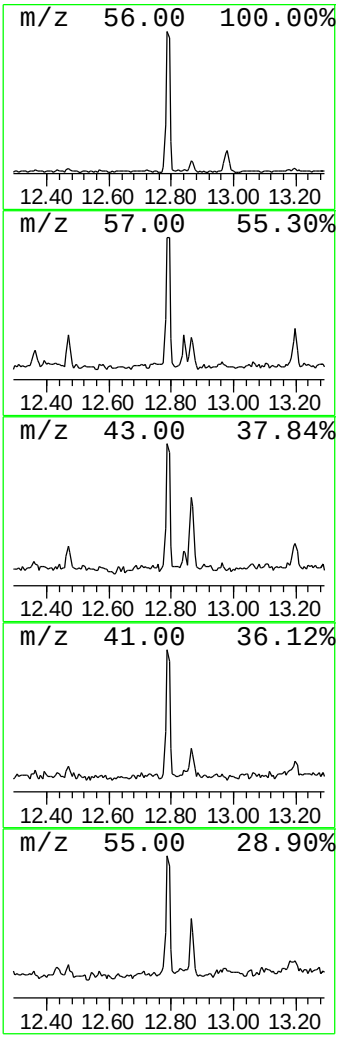
Peak Number 15 Hexadecanoic acid, butyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.24 ng	224004	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	97
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
3	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	46
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	38
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	38





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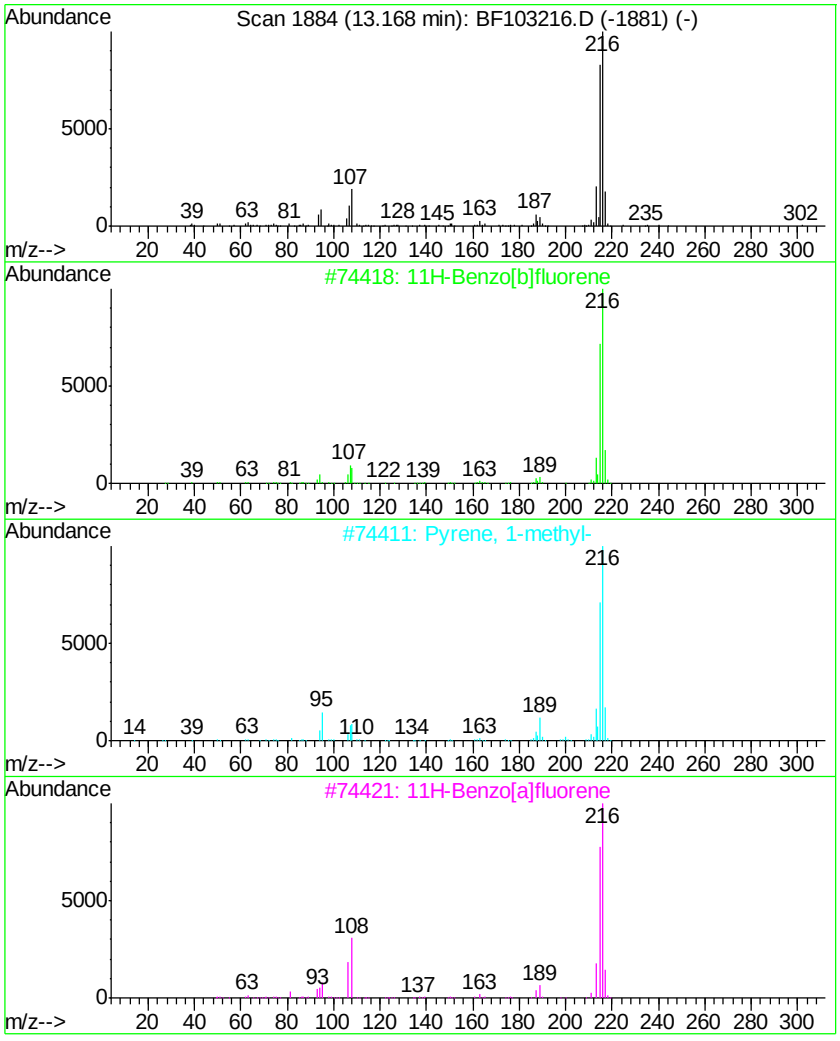
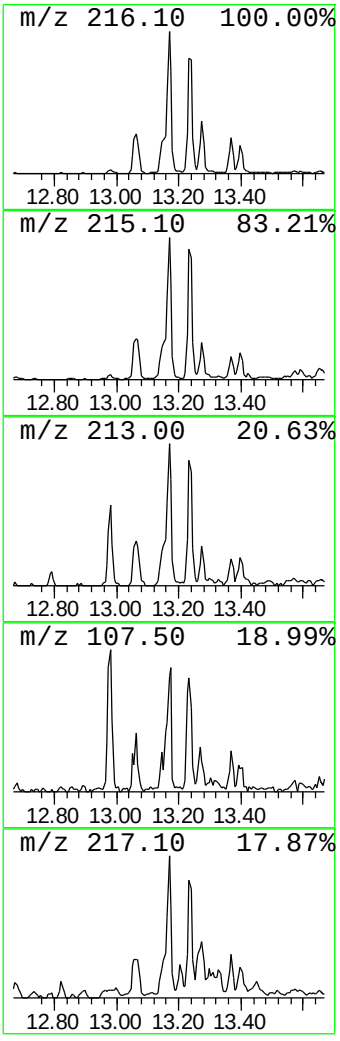
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.87 ng	267683	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Instrument : BNA_F
ClientSampleId : RT-4248

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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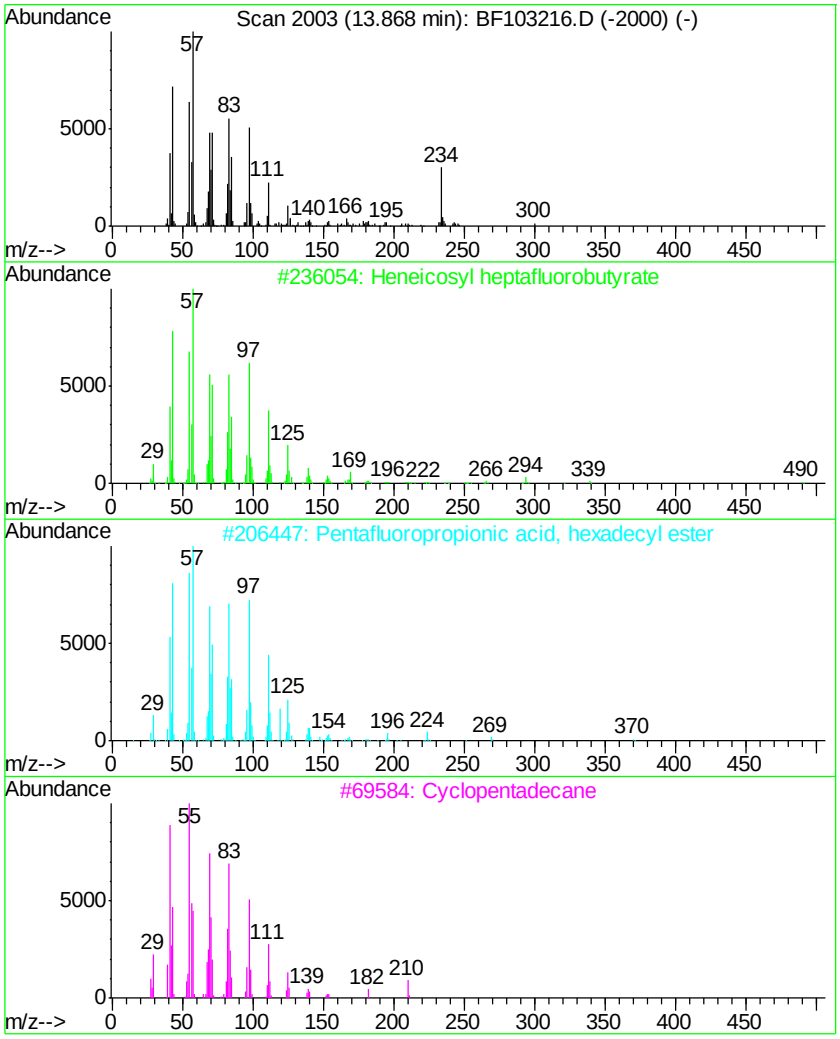
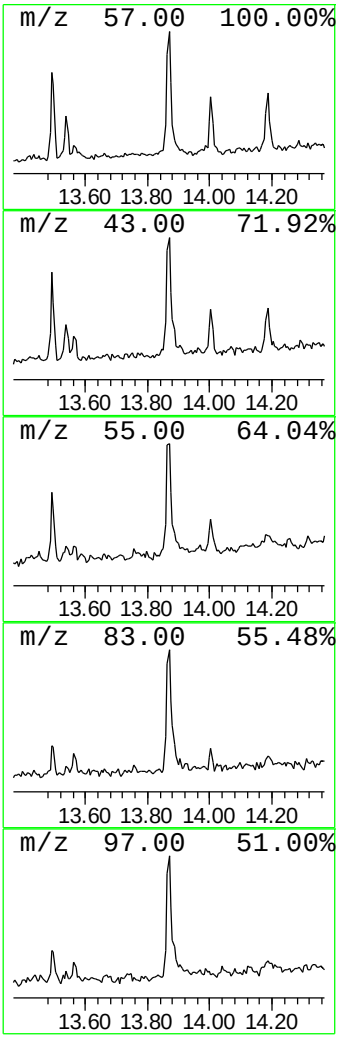
Peak Number 18 Heneicosyl heptafluorobutyrate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.57 ng	246400	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	87
3	Cyclopentadecane	210	C15H30	000295-48-7	83
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	83
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	83





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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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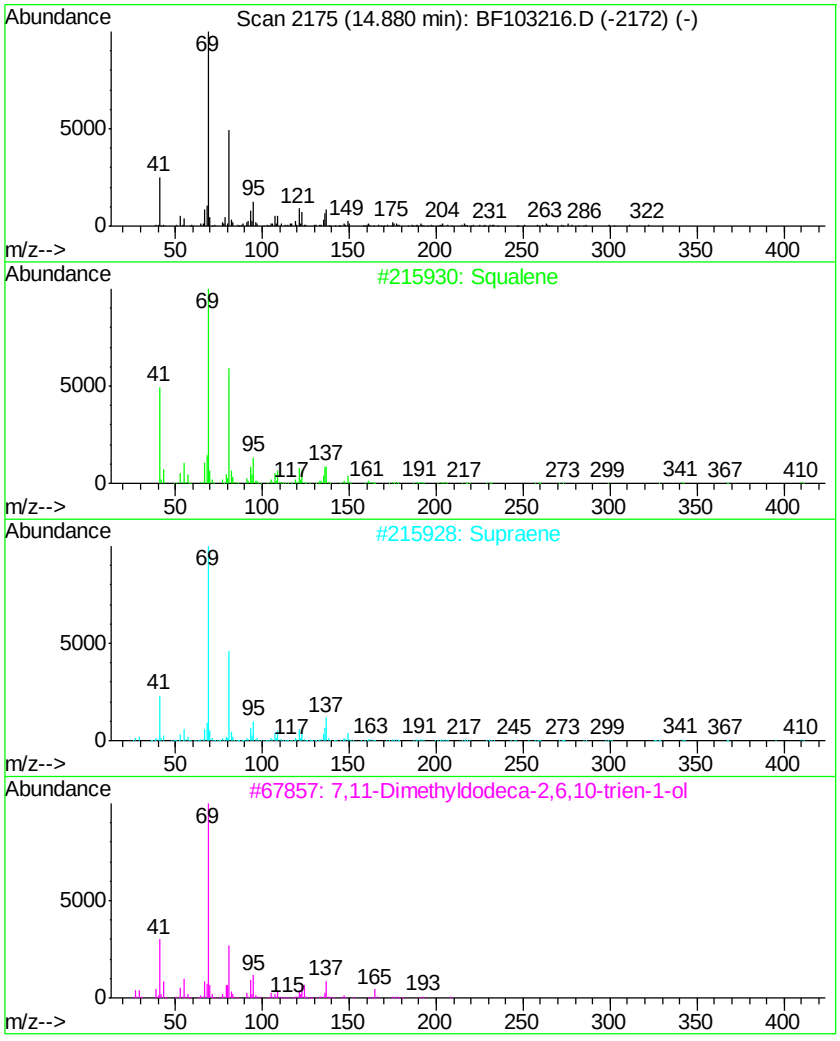
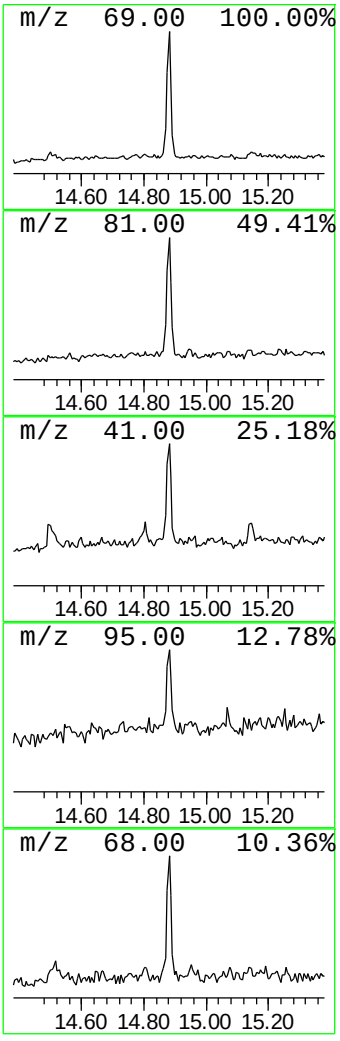
Peak Number 19 Squalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	3.28 ng	145804	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	90
2	Supraene	410	C30H50	007683-64-9	87
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
5	2-Octene, 2-methyl-6-methylene-	138	C10H18	010054-09-8	53





Tentatively Identified Compound (LSC) summary

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Data File : BF103216.D
Acq On : 26 Feb 2018 14:07
Operator : SJ/JU
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.15	26.0	ng	1290670	1	6.87	994363	20.0
2-Pentanone, 4-hy...	5.10	4.0	ng	200997	1	6.87	994363	20.0
unknown6.64	6.64	69.1	ng	3436190	1	6.87	994363	20.0
Naphthalene, 1,6-...	9.49	3.7	ng	215693	3	9.90	1172460	20.0
Naphthalene, 2,3-...	9.56	3.7	ng	217888	3	9.90	1172460	20.0
Pentadecane	10.33	4.8	ng	281270	3	9.90	1172460	20.0
[1,1'-Biphenyl]-4...	10.61	3.6	ng	213816	3	9.90	1172460	20.0
Eicosane	10.80	6.7	ng	342184	4	11.40	1021630	20.0
9H-Fluorene, 9-me...	11.00	3.7	ng	189959	4	11.40	1021630	20.0
Dibenzothiophene	11.29	4.6	ng	236431	4	11.40	1021630	20.0
Phenanthrene, 2-m...	11.90	4.1	ng	207277	4	11.40	1021630	20.0
4H-Cyclopenta[def...	12.02	14.2	ng	722778	4	11.40	1021630	20.0
Hexadecanoic acid...	12.79	3.2	ng	224004	5	14.04	1382200	20.0
11H-Benzo[b]fluorene	13.17	3.9	ng	267683	5	14.04	1382200	20.0
Heneicosyl heptaf...	13.87	3.6	ng	246400	5	14.04	1382200	20.0
Squalene	14.88	3.3	ng	145804	6	15.54	889993	20.0