LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100301.D
Acq On : 8 Nov 2017 19:37
Operator : SJ/JU
Sample : I6300-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-110617

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-BF110817.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	5.110	511	514	523	rVB	83435	83196	1.05%	0.186%
2	5.498	577	580	584	rBV	514545	466157	5.86%	1.041%
3	6.504	747	751	756	rBV	626522	475727	5.98%	1.062%
4	6.657	774	777	781	rBV	560628	489967	6.16%	1.094%
5	6.898	814	818	822	rBV	1396362	1152456	14.48%	2.573%
6	7.051	840	844	848	rBV	451369	372003	4.67%	0.830%
7	7.451	909	912	916	rVB	314192	256660	3.22%	0.573%
8	8.181	1028	1036	1039	rBV	1876667	1562860	19.64%	3.489%
9	8.769	1133	1136	1140	rBV	94280	80495	1.01%	0.180%
10	8.992	1170	1174	1178	rBV2	95173	97677	1.23%	0.218%
11	9.251	1215	1218	1221	rVB	674548	500522	6.29%	1.117%
12	9.333	1228	1232	1234	rBV	159511	138798	1.74%	0.310%
13	9.516	1259	1263	1267	rVB2	77820	103984	1.31%	0.232%
14	9.592	1267	1276	1278	rBV	156237	182949	2.30%	0.408%
15	9.651	1283	1286	1288	rBV3	83465	92787	1.17%	0.207%
16	9.710	1293	1296	1302	rVV2	99939	107107	1.35%	0.239%
17	9.792	1307	1310	1314	rBV	116256	107171	1.35%	0.239%
18	9.863	1314	1322	1324	rBV	201387	189749	2.38%	0.424%
19	9.933	1327	1334	1338	rBV	1721738	1596730	20.06%	3.565%
20	10.133	1364	1368	1372	rVV4	106385	135209	1.70%	0.302%
21	10.175	1372	1375	1381	rVV3	97198	105500	1.33%	0.236%
22	10.251	1384	1388	1390	rBV2	83806	86762	1.09%	0.194%
23	10.363	1404	1407	1409	rVB	257441	217235	2.73%	0.485%
24	10.480	1423	1427	1433	rVB2	164915	168156	2.11%	0.375%
25	10.580	1440	1444	1449	rVB3	79115	148790	1.87%	0.332%
26	10.639	1450	1454	1457	rVB3	76707	97946	1.23%	0.219%
27	10.716	1462	1467	1472	rBV	357472	324964	4.08%	0.725%
28	10.833	1484	1487	1495	rVB2	289000	360683	4.53%	0.805%
29	11.027	1515	1520	1522	rBV3	105391	127744	1.61%	0.285%
30	11.057	1522	1525	1528	rVB2	92453	92797	1.17%	0.207%
31	11.157	1537	1542	1544	rBV4	59493	81305	1.02%	0.182%
32	11.280	1557	1563	1566	rBV	261249	260406	3.27%	0.581%
33	11.316	1566	1569	1574	rVB	182868	195823	2.46%	0.437%
34	11.422	1583	1587	1589	rBV	1653180	1426372	17.92%	3.184%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
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Acq On : 8 Nov 2017 19:37
Operator : SJ/JU
Sample : I6300-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-110617

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.445	1589	1591	1594	rVV	1077080	827454	10.40%	1.847%
36	11.492	1597	1599	1602	rVB	193029	165662	2.08%	0.370%
37	11.710	1633	1636	1639	rBV2	216841	184837	2.32%	0.413%
38	11.751	1639	1643	1648	rVB	133559	154349	1.94%	0.345%
39	11.810	1650	1653	1656	rBV	3233065	2901901	36.46%	6.478%
40	11.922	1669	1672	1674	rBV	327622	290543	3.65%	0.649%
41	11.951	1674	1677	1680	rVV	371598	352571	4.43%	0.787%
42	11.998	1682	1685	1687	rBV	91131	87897	1.10%	0.196%
43	12.033	1687	1691	1693	rVV2	391348	408772	5.14%	0.913%
44	12.057	1693	1695	1699	rVB	250677	204711	2.57%	0.457%
45	12.116	1702	1705	1709	rBV	171829	172441	2.17%	0.385%
46	12.216	1719	1722	1724	rBV	185161	158946	2.00%	0.355%
47	12.239	1724	1726	1730	rVB2	87395	89175	1.12%	0.199%
48	12.398	1750	1753	1755	rBV	106920	95742	1.20%	0.214%
49	12.469	1762	1765	1767	rBV	270654	273429	3.44%	0.610%
50	12.504	1767	1771	1773	rVV	6370745	7958685	100.00%	17.768%
51	12.527	1773	1775	1784	rVV2	5856471	5394328	67.78%	12.043%
52	12.604	1784	1788	1790	rVV	1498849	1229237	15.45%	2.744%
53	12.633	1790	1793	1795	rVV	1291753	1120800	14.08%	2.502%
54	12.651	1795	1796	1802	rVV3	370325	479272	6.02%	1.070%
55	12.863	1826	1832	1838	rBV	1143967	1249523	15.70%	2.790%
56	12.921	1838	1842	1845	rVB3	104415	146066	1.84%	0.326%
57	12.974	1845	1851	1853	rBV3	70034	127149	1.60%	0.284%
58	13.004	1853	1856	1864	rVB	428234	445797	5.60%	0.995%
59	13.074	1864	1868	1872	rBV3	143580	224055	2.82%	0.500%
60	13.163	1880	1883	1885	rBV2	144522	157544	1.98%	0.352%
61	13.186	1885	1887	1892	rVB	259146	253633	3.19%	0.566%
62	13.233	1892	1895	1896	rBV	103253	89094	1.12%	0.199%
63	13.251	1896	1898	1902	rVB2	201194	203806	2.56%	0.455%
64	13.292	1902	1905	1908	rBV2	200799	192201	2.41%	0.429%
65	13.327	1908	1911	1912	rVV2	125053	109230	1.37%	0.244%
66	13.345	1912	1914	1918	rVV4	201407	205318	2.58%	0.458%
67	13.386	1918	1921	1924	rVV2	356435	286411	3.60%	0.639%
68	13.416	1924	1926	1929	rVB	155951	126374	1.59%	0.282%
69	13.492	1936	1939	1943	rBV5	57358	84587	1.06%	0.189%
70	13.533	1943	1946	1949	rVB3	124179	124600	1.57%	0.278%
71	13.574	1949	1953	1955	rBV2	59009	83703	1.05%	0.187%

LSC Area Percent Report

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Acq On : 8 Nov 2017 19:37
Operator : SJ/JU
Sample : I6300-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-110617

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.692	1971	1973	1978	rVB	95935	112410	1.41%	0.251%
73	13.757	1980	1984	1987	rVB3	83185	97615	1.23%	0.218%
74	13.810	1987	1993	1995	rBV4	114168	165354	2.08%	0.369%
75	13.898	2005	2008	2012	rVB3	99596	106993	1.34%	0.239%
76	13.992	2022	2024	2028	rVB2	103850	98246	1.23%	0.219%
77	14.057	2030	2035	2038	rVV2	1279753	1596295	20.06%	3.564%
78	14.080	2038	2039	2045	rVB	448599	406444	5.11%	0.907%
79	14.445	2096	2101	2104	rVB	152281	156538	1.97%	0.349%
80	14.474	2104	2106	2109	rVB	101496	84975	1.07%	0.190%
81	14.533	2110	2116	2119	rBV5	71378	143265	1.80%	0.320%
82	14.568	2119	2122	2124	rBV2	94194	90078	1.13%	0.201%
83	14.957	2184	2188	2194	rBV	173179	267509	3.36%	0.597%
84	15.104	2208	2213	2220	rBV	327764	648473	8.15%	1.448%
85	15.210	2229	2231	2236	rVB	81089	91424	1.15%	0.204%
86	15.410	2261	2265	2271	rVB	214541	274539	3.45%	0.613%
87	15.474	2272	2276	2282	rBV	313327	383536	4.82%	0.856%
88	15.539	2282	2287	2291	rBV	822014	1077158	13.53%	2.405%
89	17.021	2534	2539	2548	rVB2	115616	243498	3.06%	0.544%
90	17.468	2611	2615	2627	rVB2	99194	202181	2.54%	0.451%

Sum of corrected areas: 44793061

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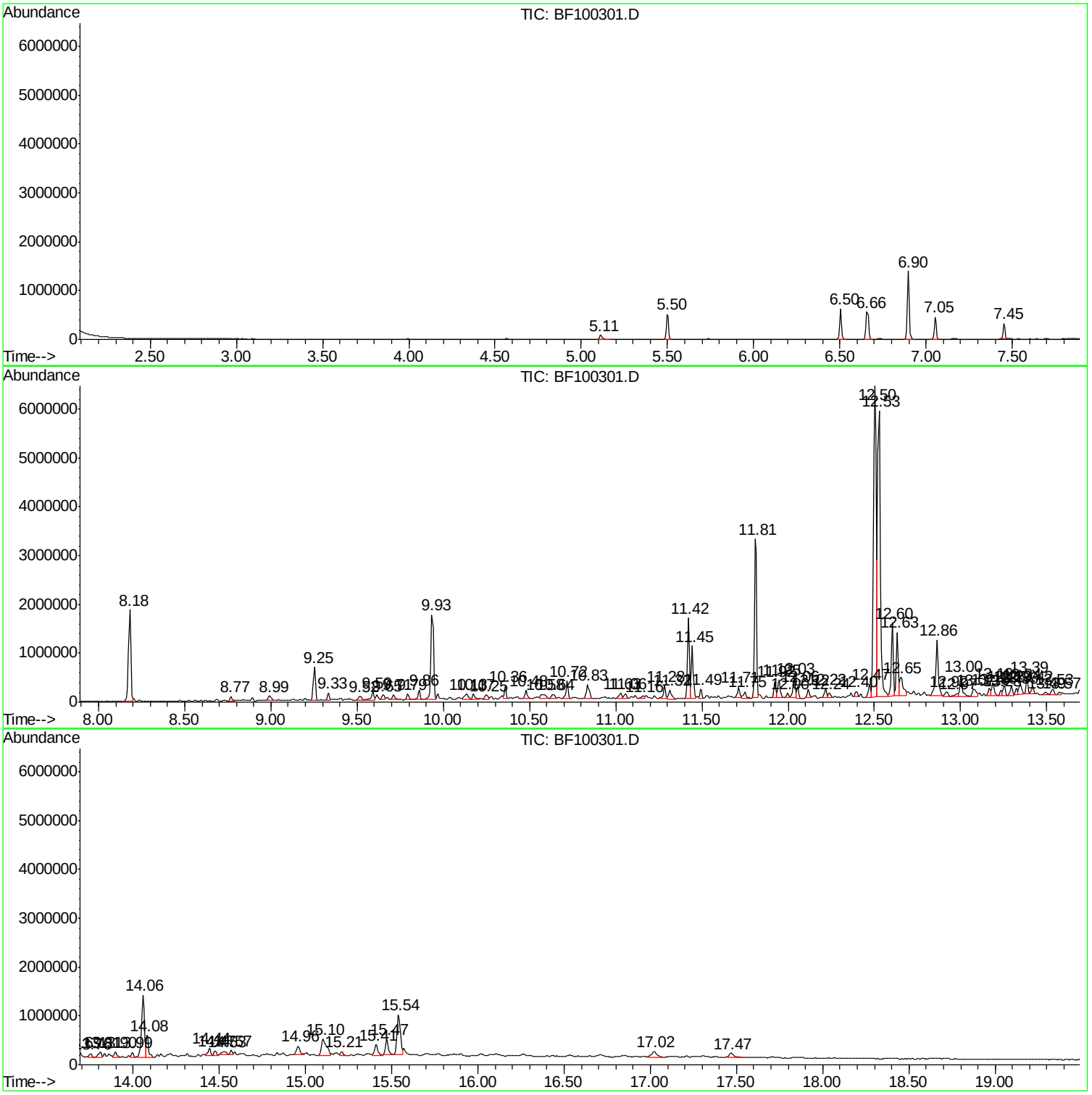
Operator : SJ/JU
Sample : I6300-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-110617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100301.D
Acq On : 8 Nov 2017 19:37
Operator : SJ/JU
Sample : I6300-01 10X
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Instrument : BNA_F
ClientSampleId : OR-02-110617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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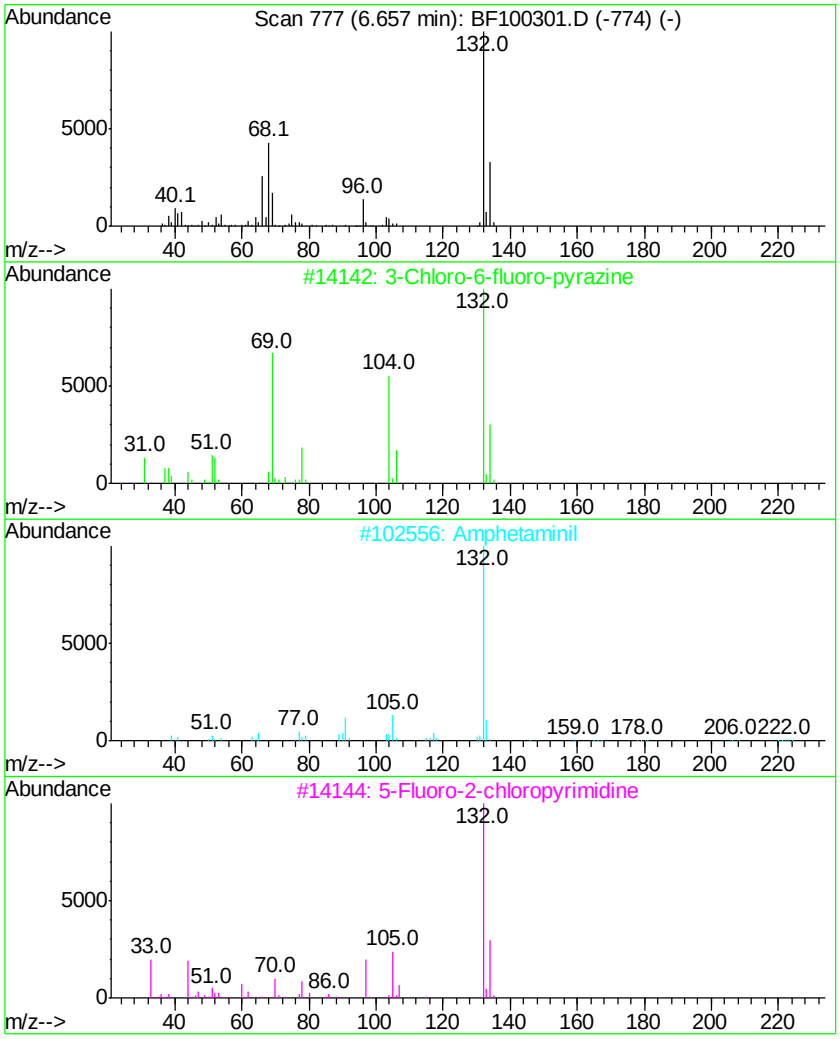
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

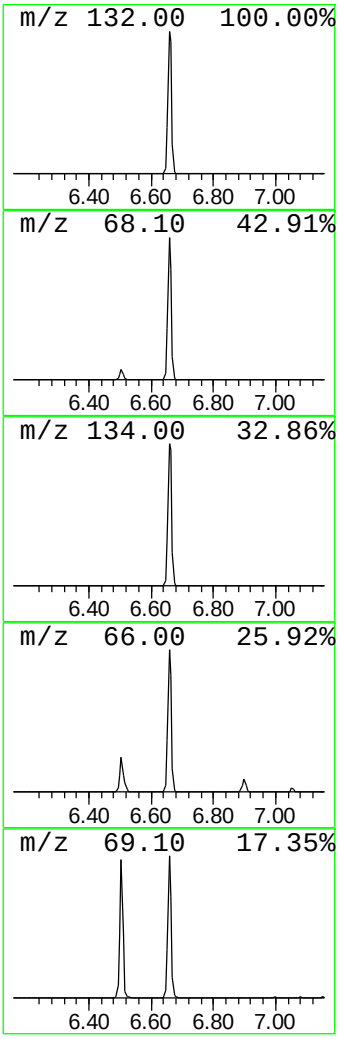
****

Peak Number 1 unknown6.66 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	8.50 ng	489967	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Amphetaminil	250	C17H18N2	017590-01-1	10
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100301.D
Acq On : 8 Nov 2017 19:37
Operator : SJ/JU
Sample : I6300-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-110617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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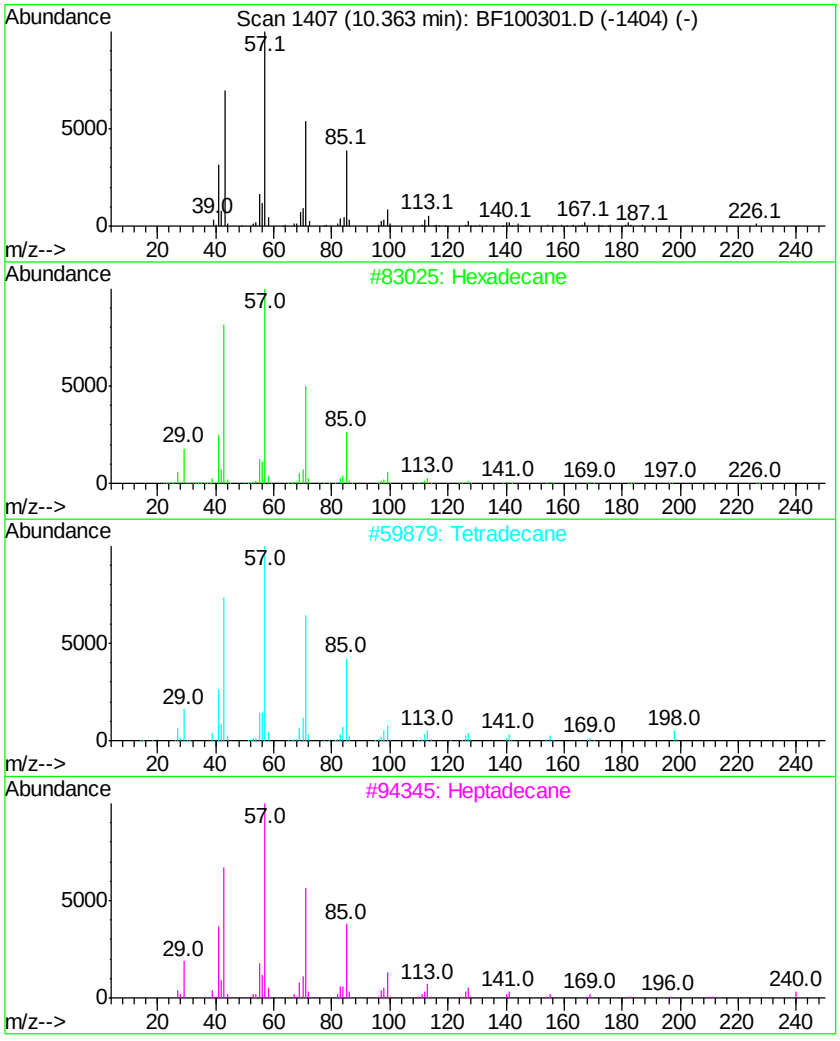
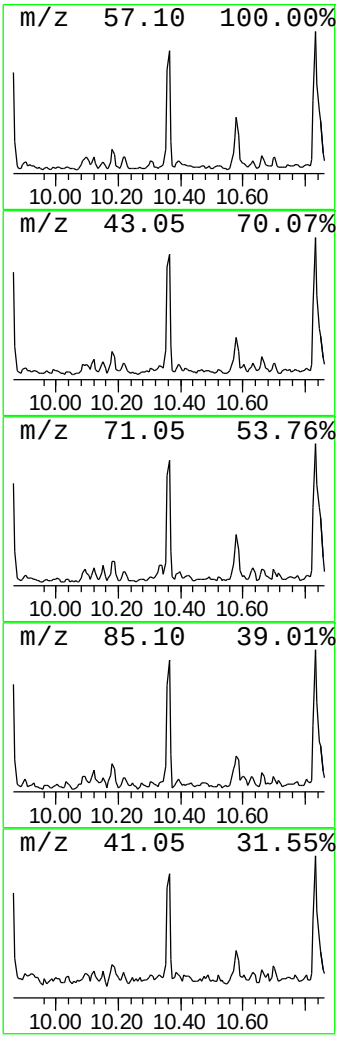
Peak Number 3 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	2.72 ng	217235	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptadecane	240	C17H36	000629-78-7	80
4	Tridecane	184	C13H28	000629-50-5	80
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	78





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Instrument : BNA_F
ClientSampleId : OR-02-110617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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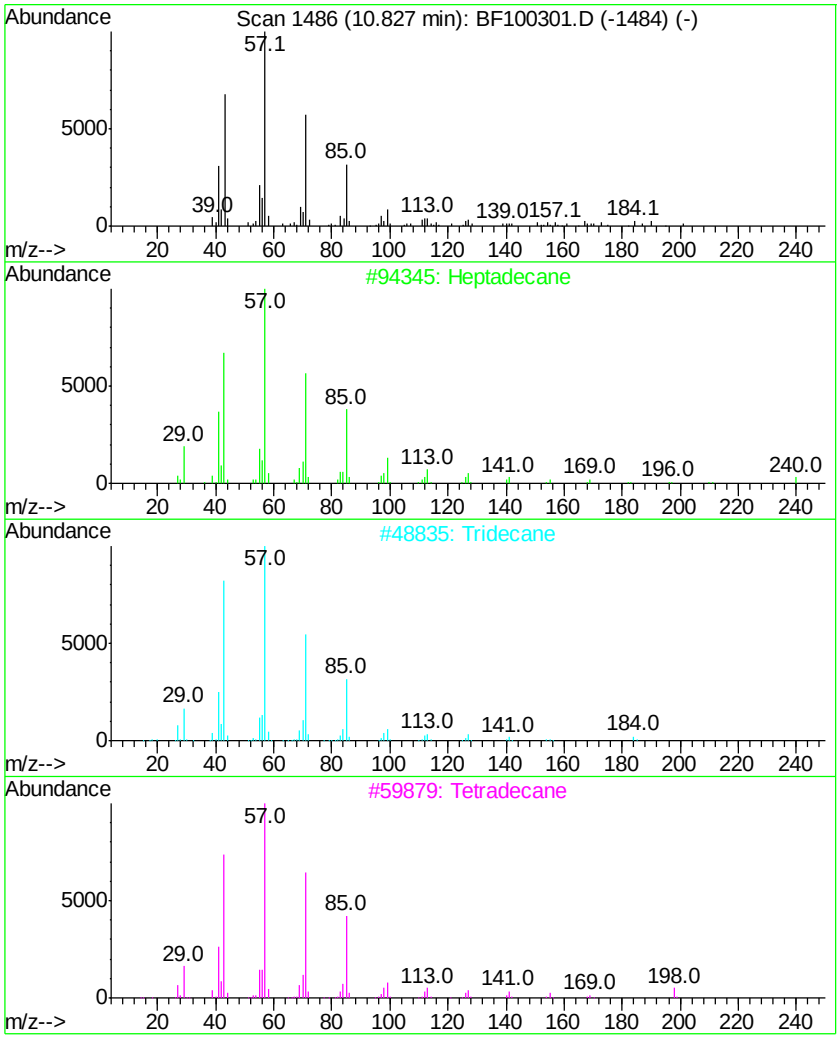
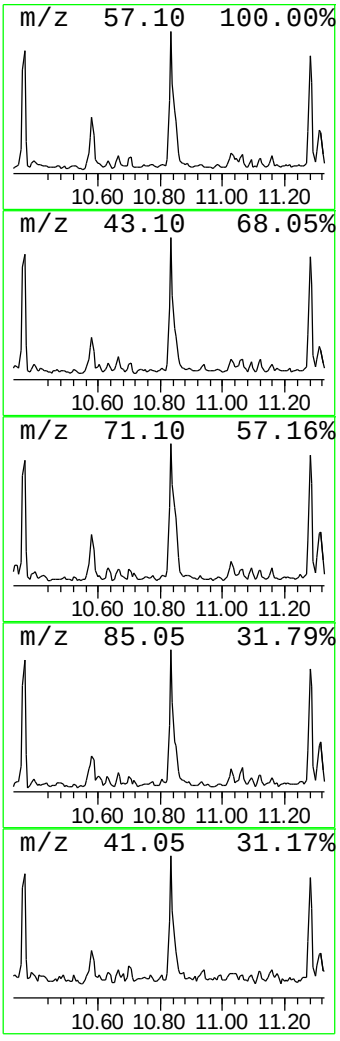
Peak Number 4 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	5.06 ng	360683	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Tridecane	184	C13H28	000629-50-5	94
3	Tetradecane	198	C14H30	000629-59-4	94
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	90
5	Tetracosane	338	C24H50	000646-31-1	90





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Data File : BF100301.D
Acq On : 8 Nov 2017 19:37
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Sample : I6300-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-110617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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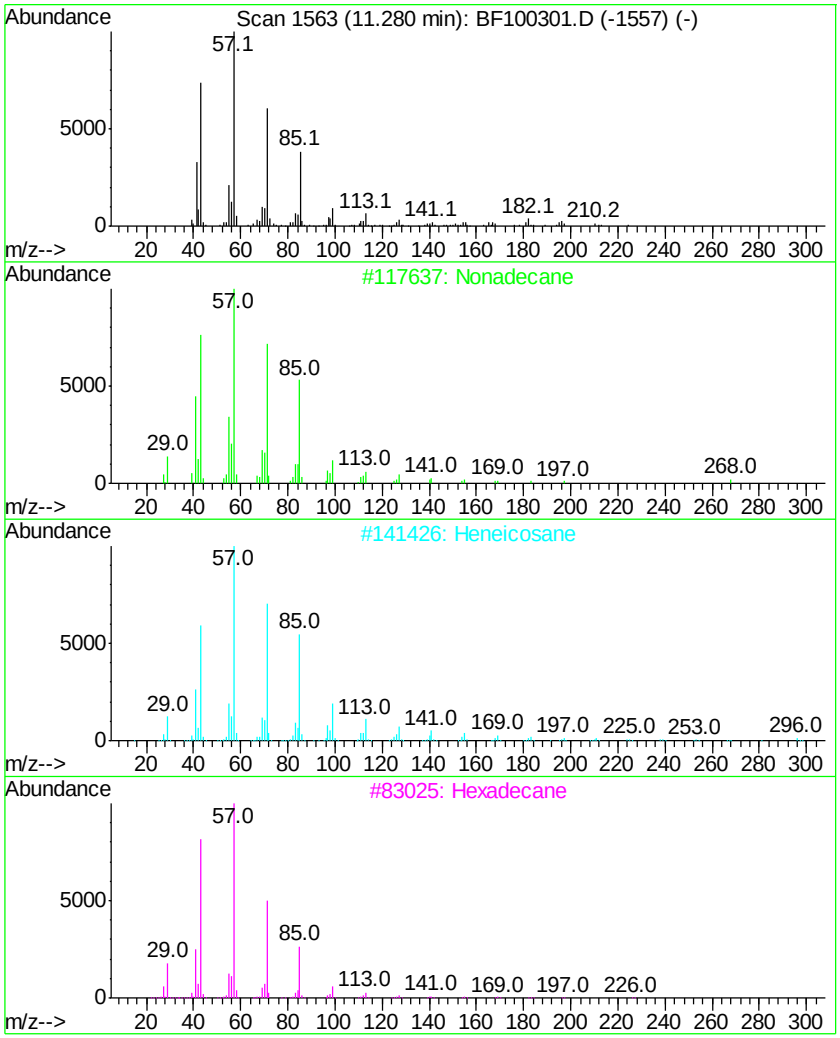
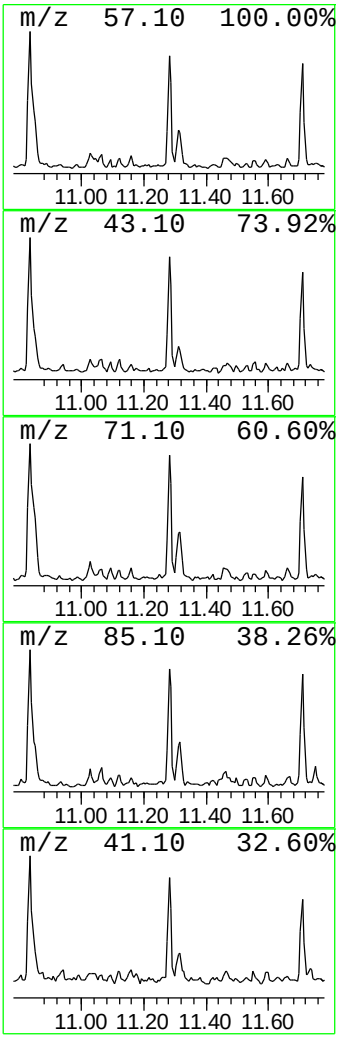
Peak Number 5 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	3.65 ng	260406	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Heneicosane	296	C21H44	000629-94-7	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane	184	C13H28	000629-50-5	86





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Data File : BF100301.D
Acq On : 8 Nov 2017 19:37
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Sample : I6300-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-110617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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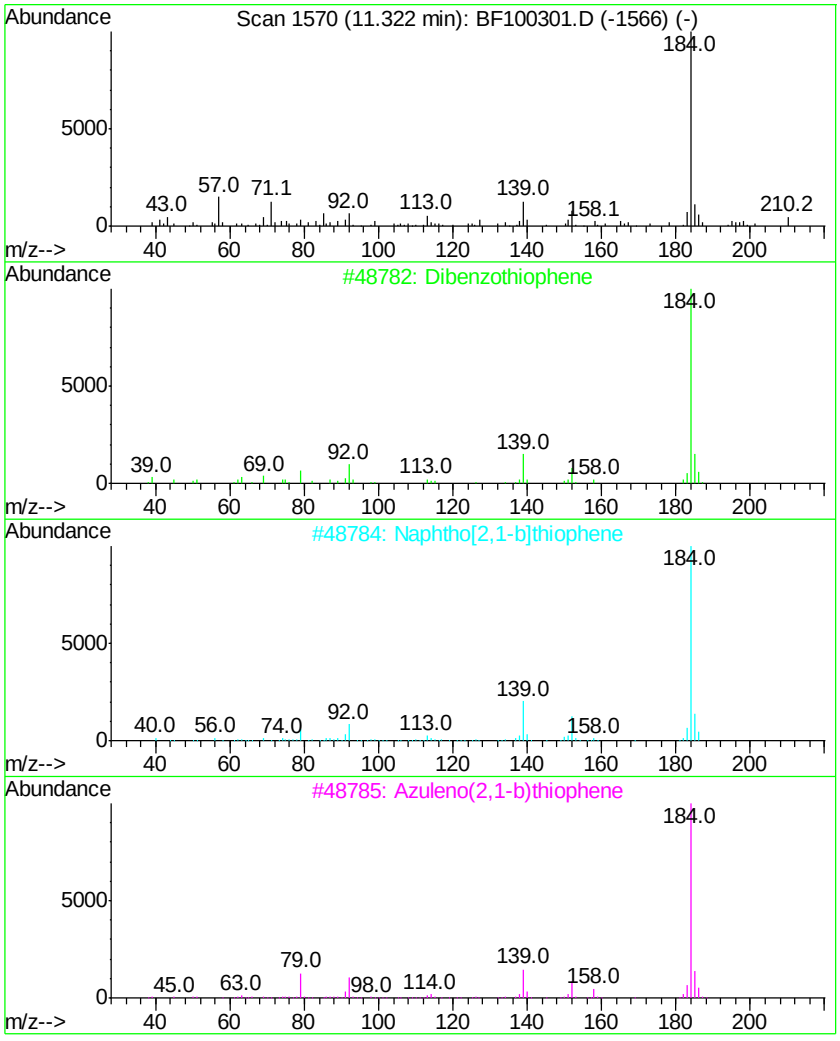
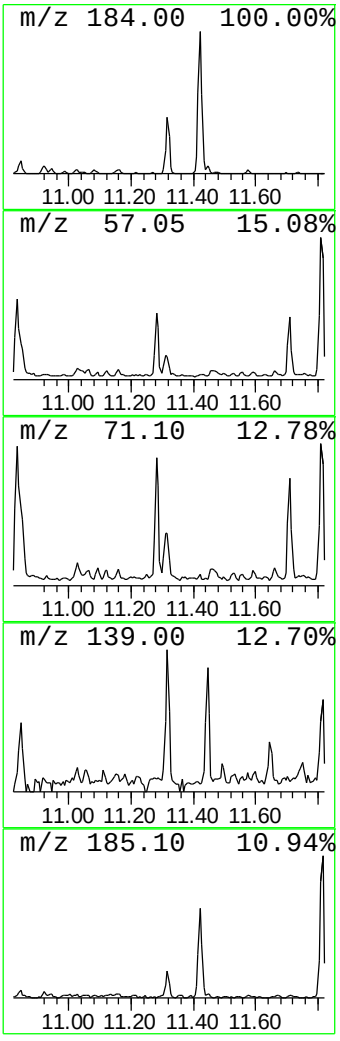
Peak Number 6 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	2.75 ng	195823	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	89
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	89
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	70
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	70





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Data File : BF100301.D
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Operator : SJ/JU
Sample : I6300-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-110617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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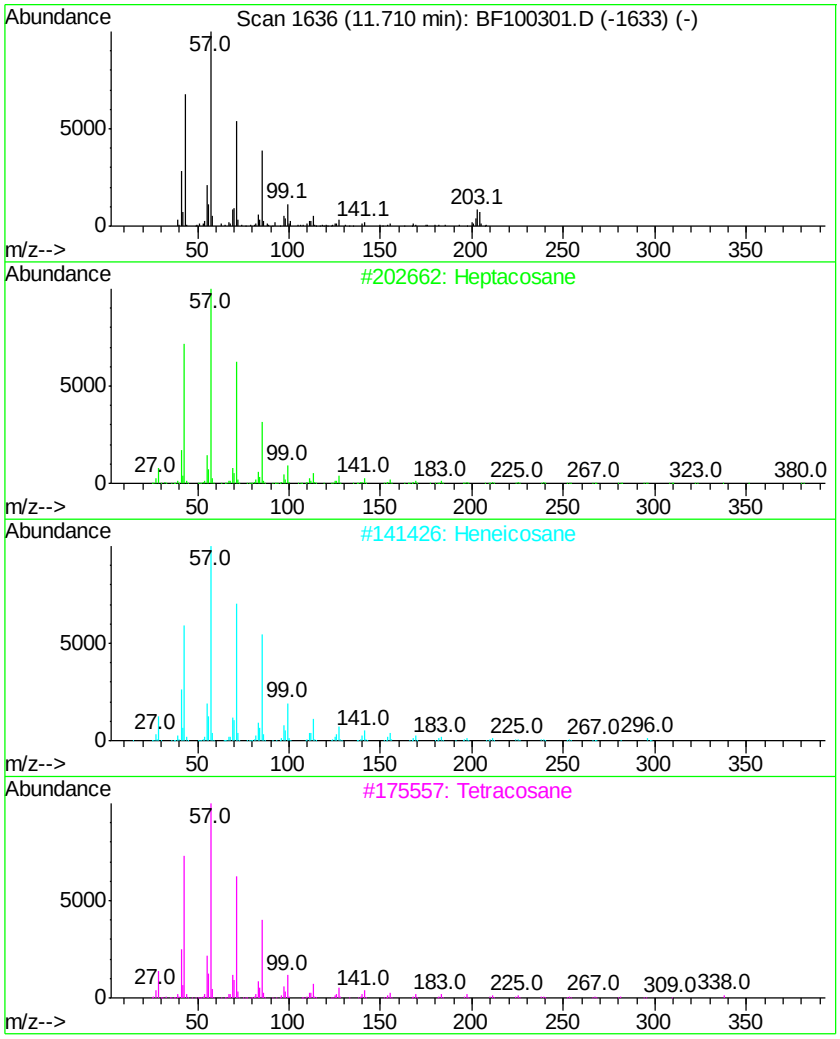
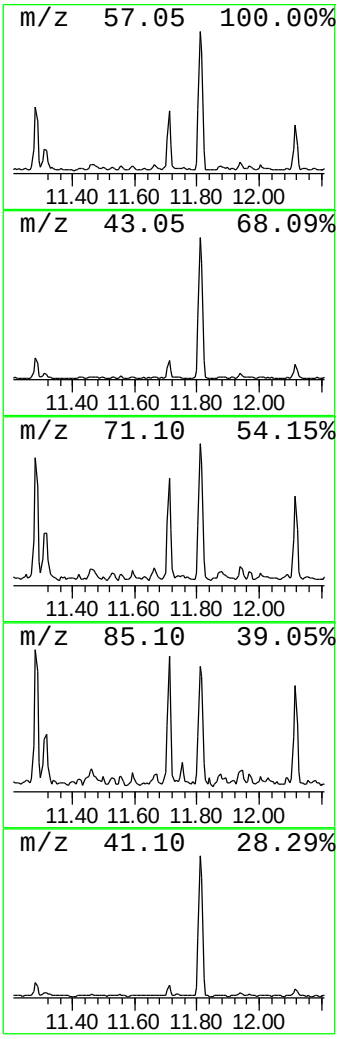
Peak Number 7 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	2.59 ng	184837	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Heneicosane	296	C21H44	000629-94-7	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Octadecane	254	C18H38	000593-45-3	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





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Sample : I6300-01 10X
Misc :
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ClientSampleId : OR-02-110617

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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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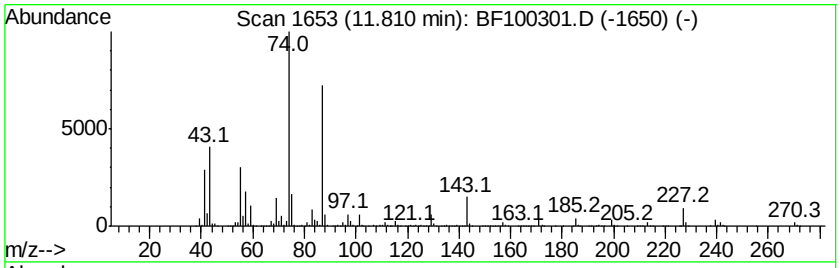
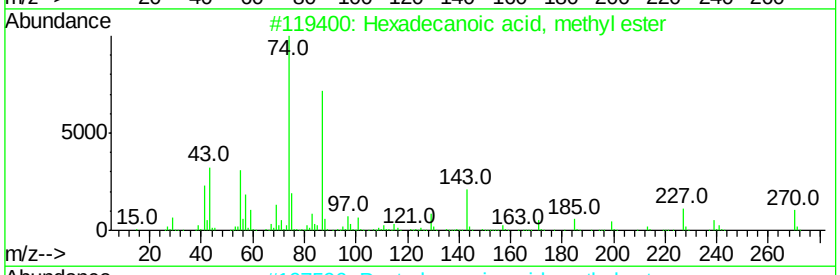
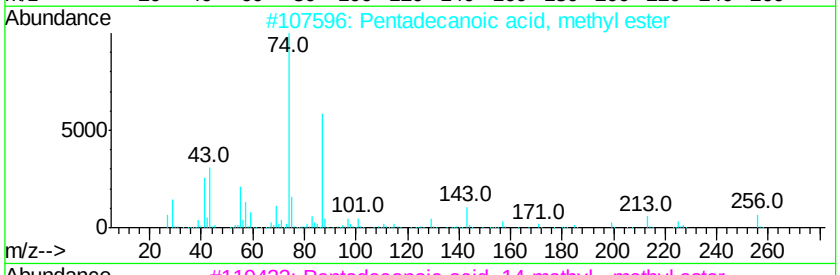
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

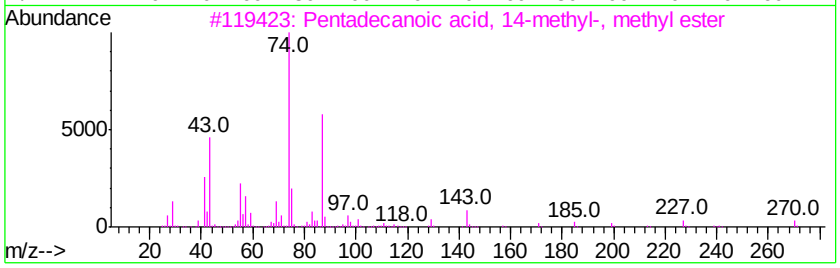
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	40.69 ng	2901900	Phenanthrene-d10	11.42

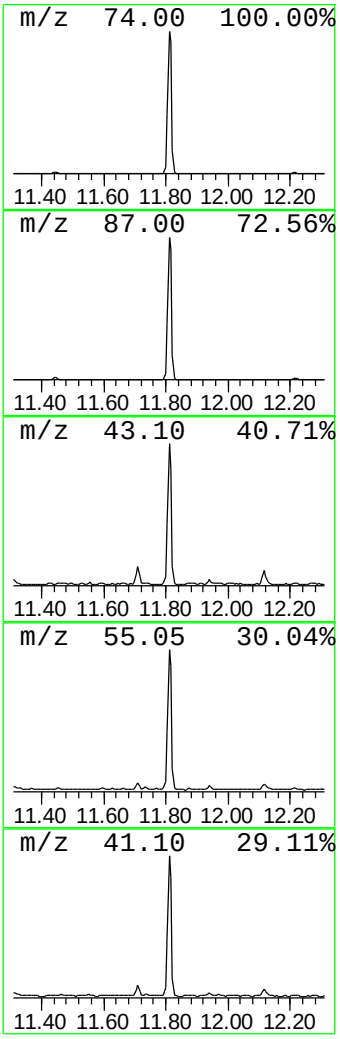
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80











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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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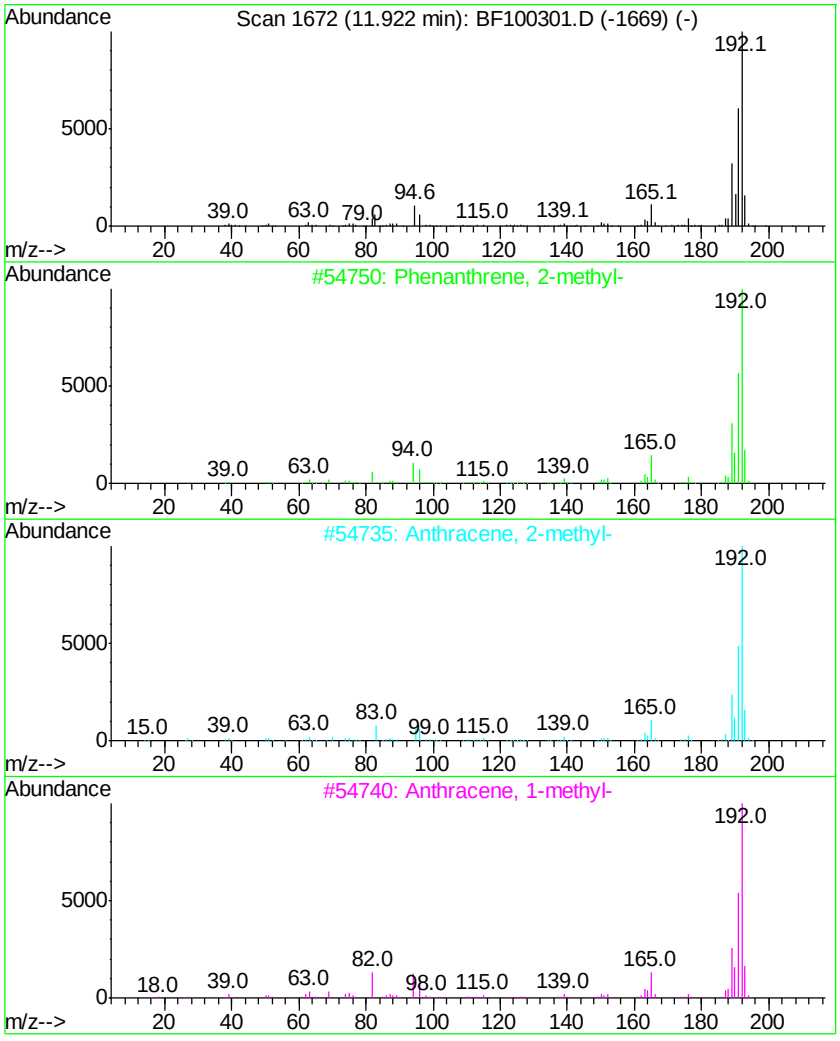
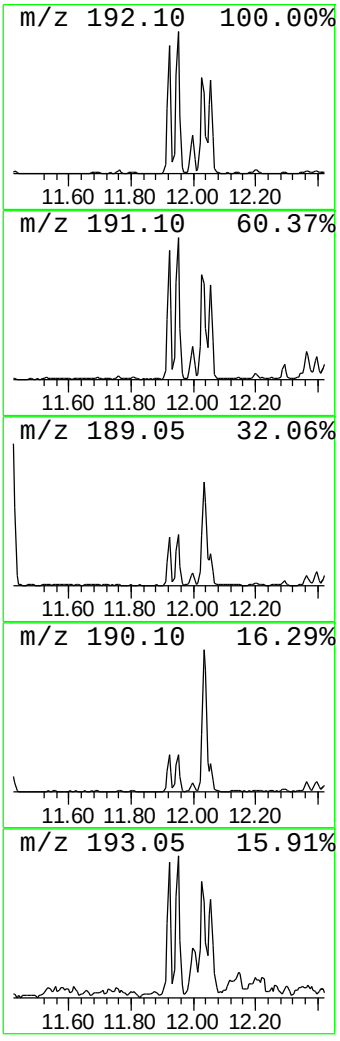
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.07 ng	290543	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91





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Sample : I6300-01 10X
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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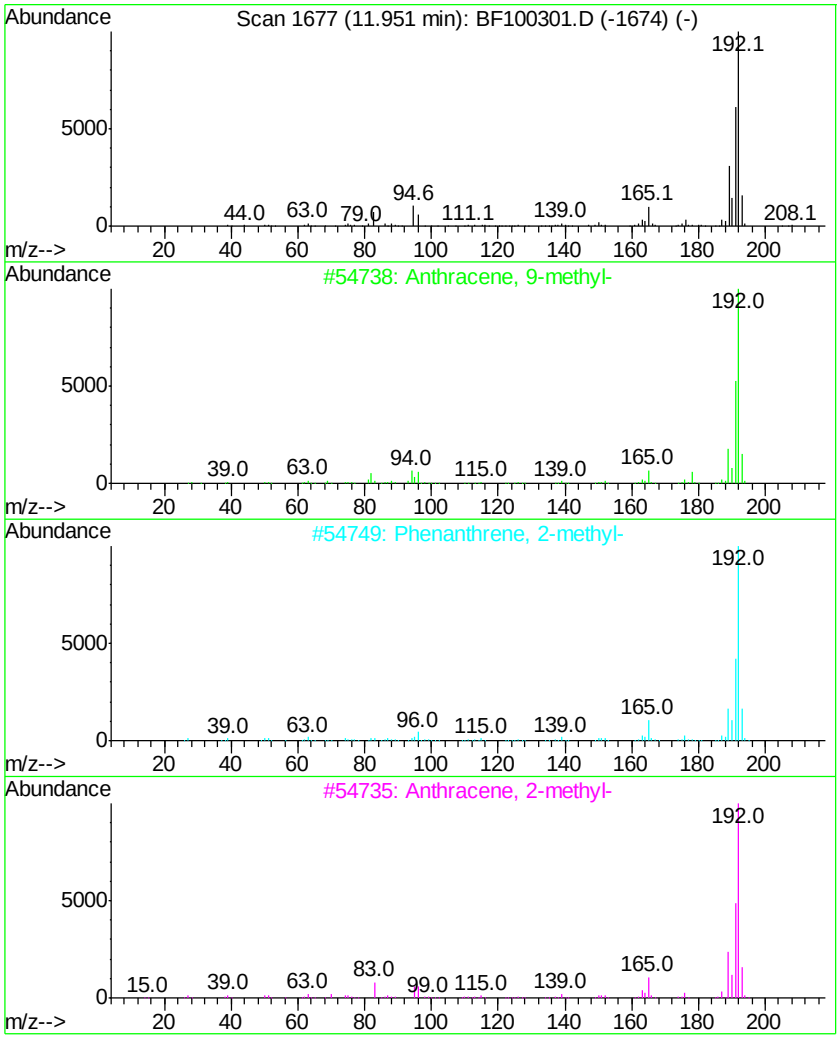
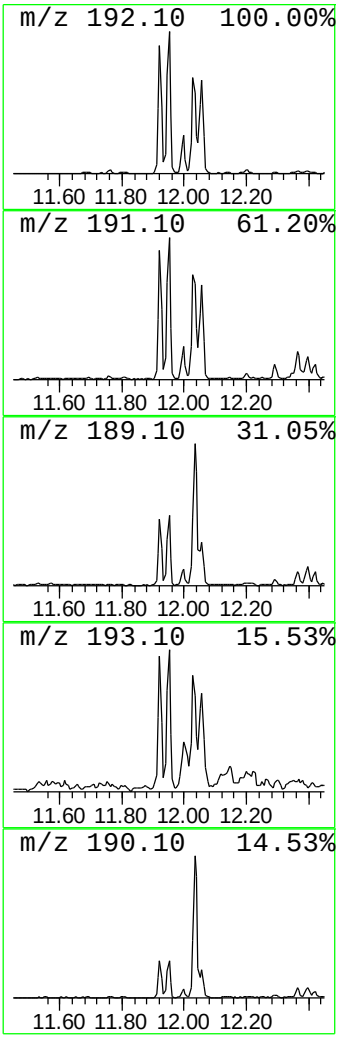
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.94 ng	352571	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





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

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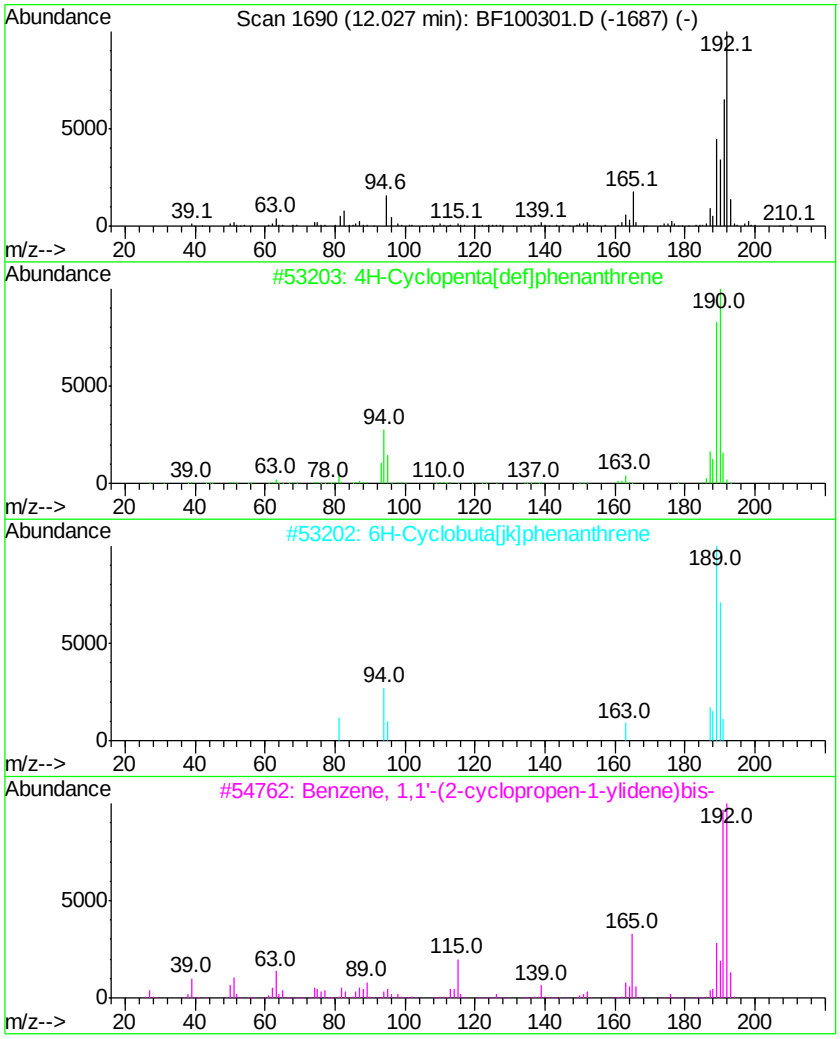
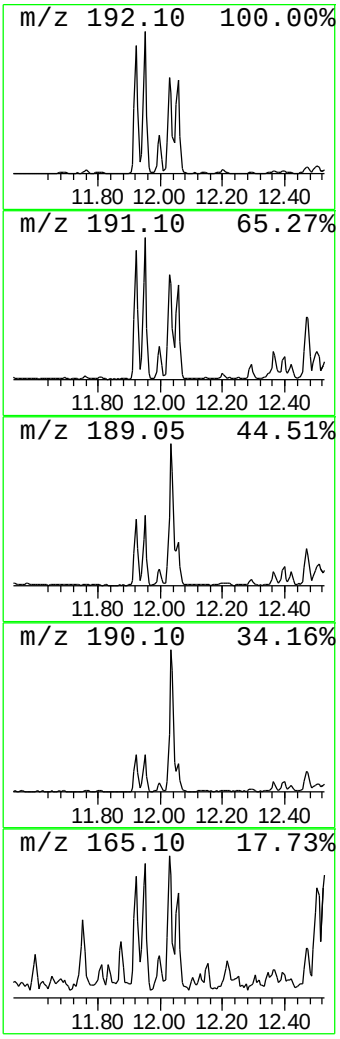
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	5.73 ng	408772	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47
3	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	38
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





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ClientSampleId : OR-02-110617

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

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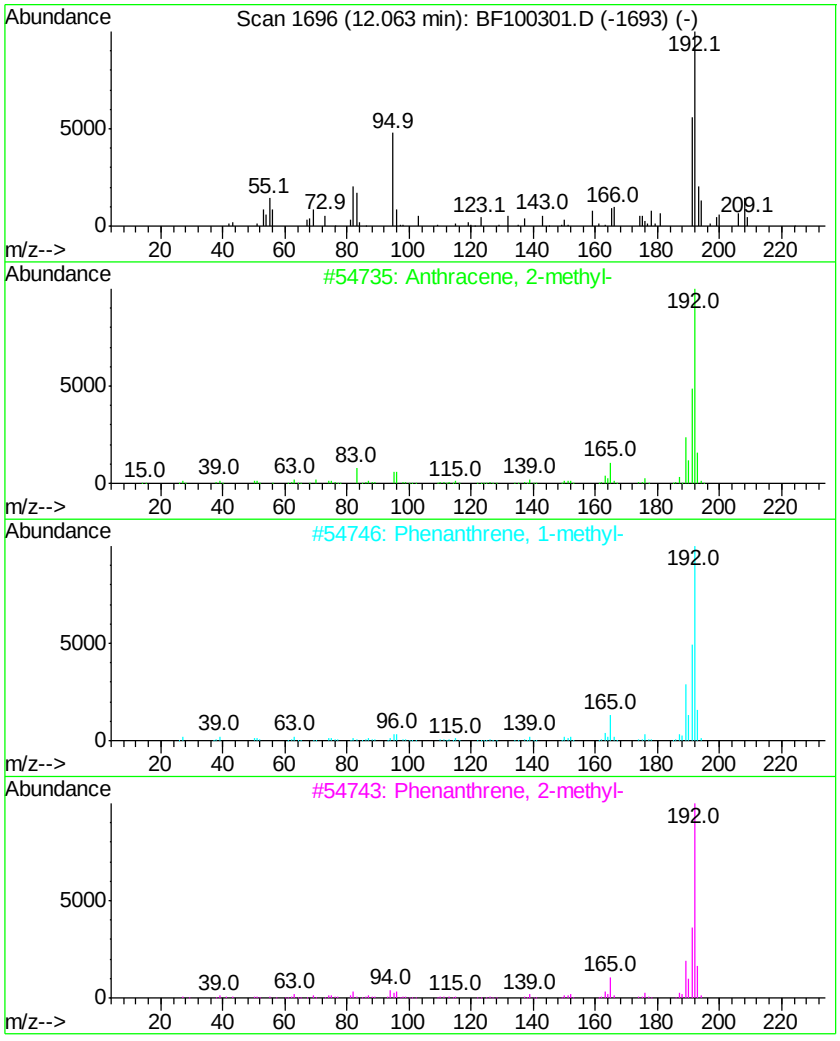
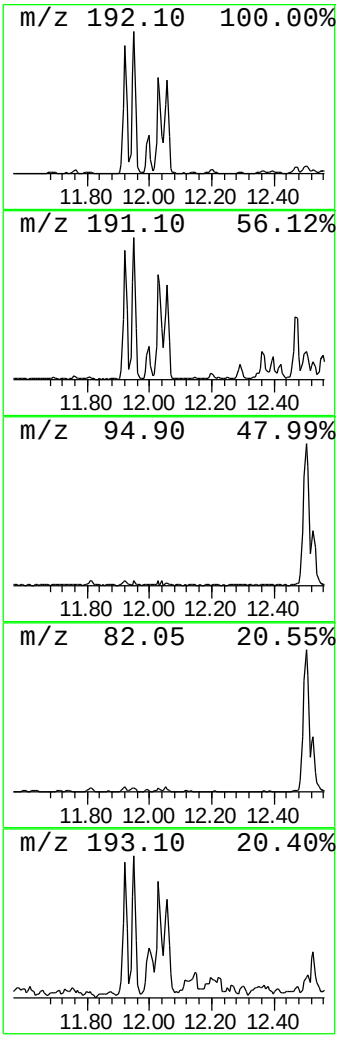
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.87 ng	204711	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Instrument : BNA_F
ClientSampleId : OR-02-110617

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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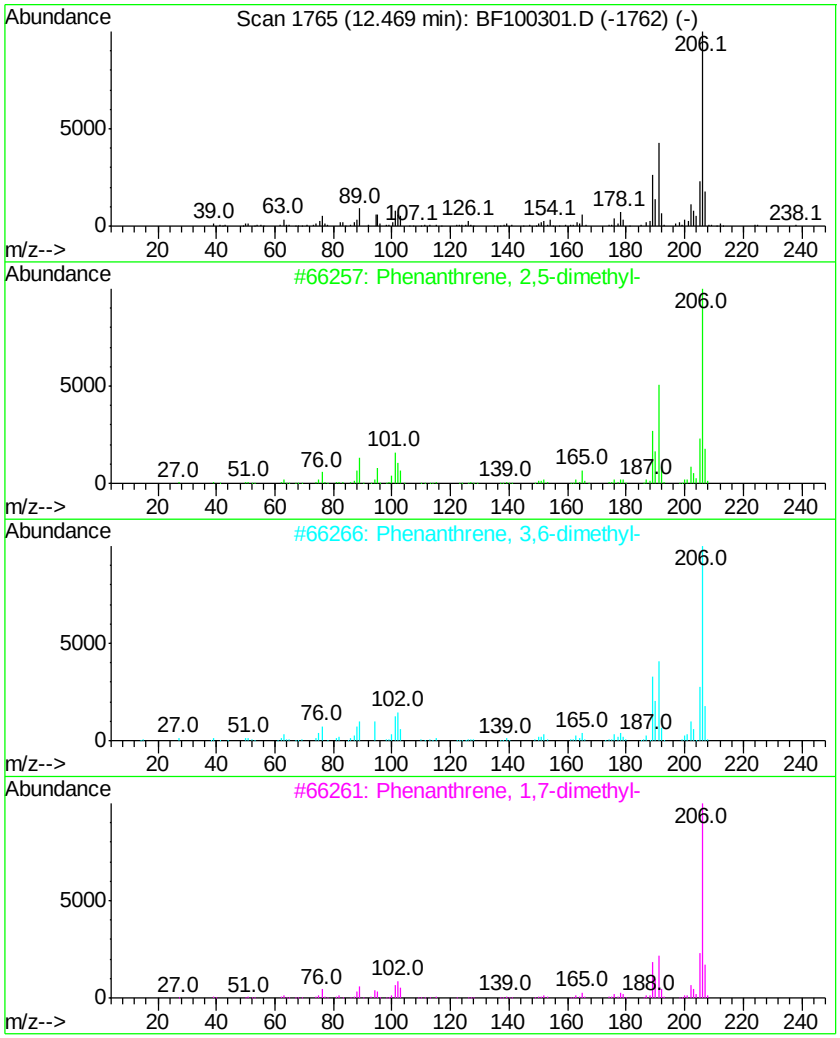
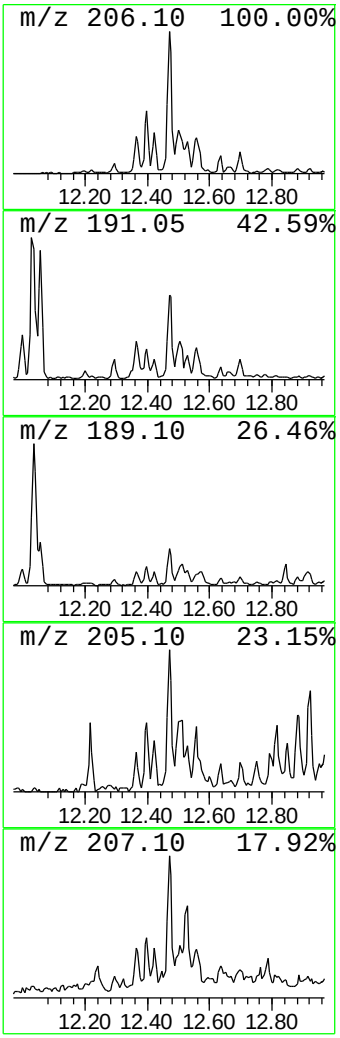
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.83 ng	273429	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	92





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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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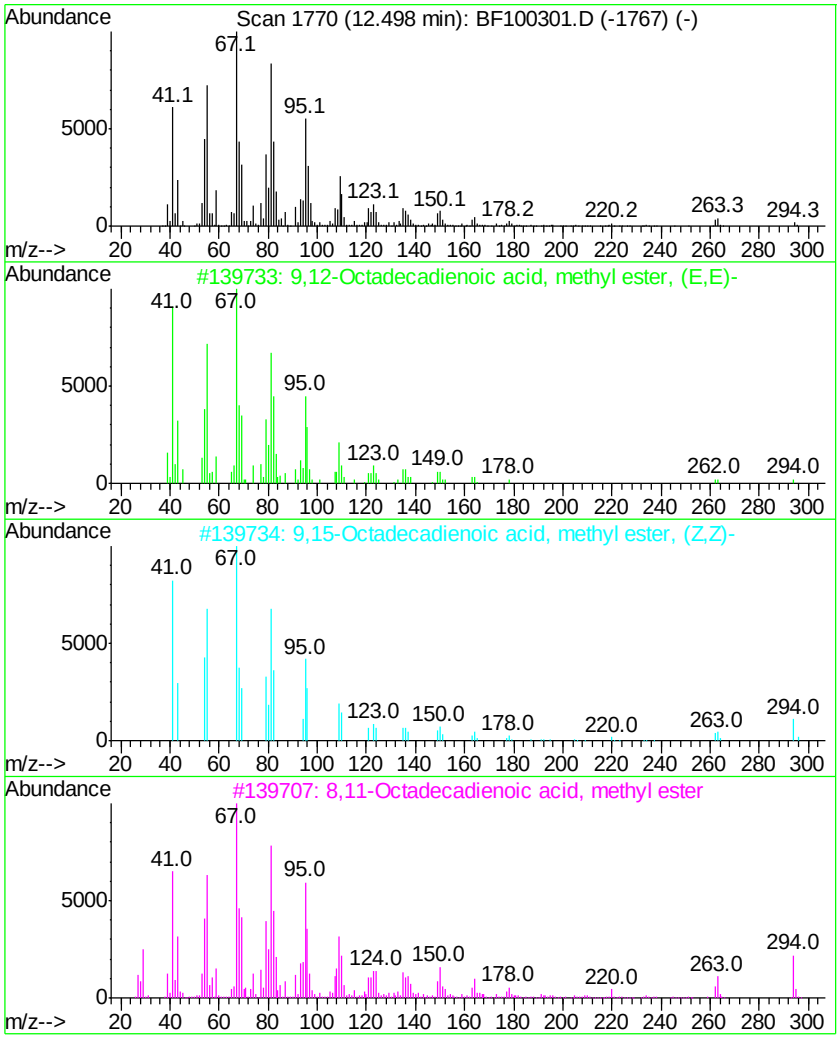
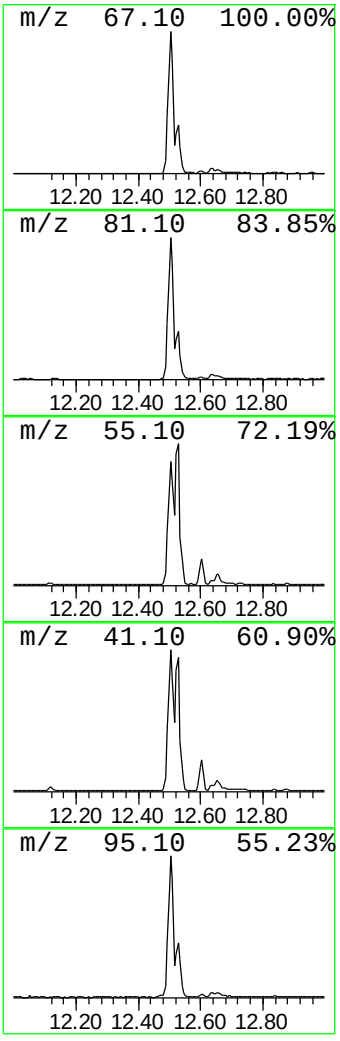
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	111.59 ng	7958690	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





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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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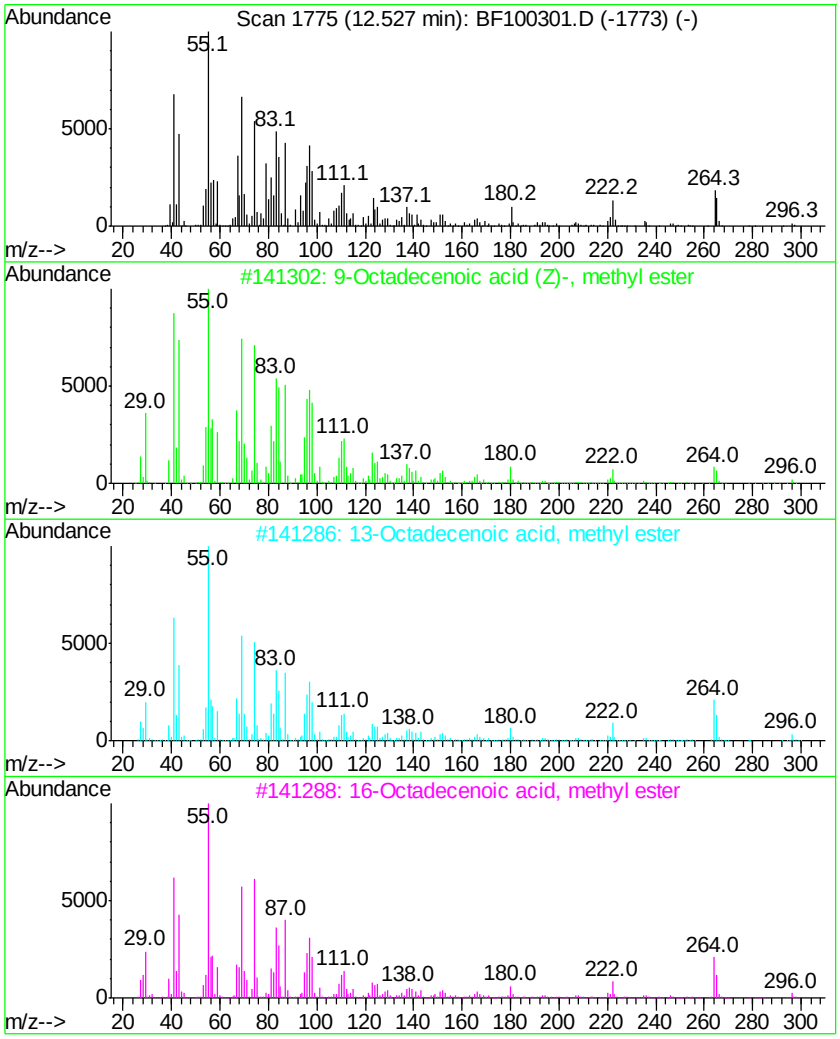
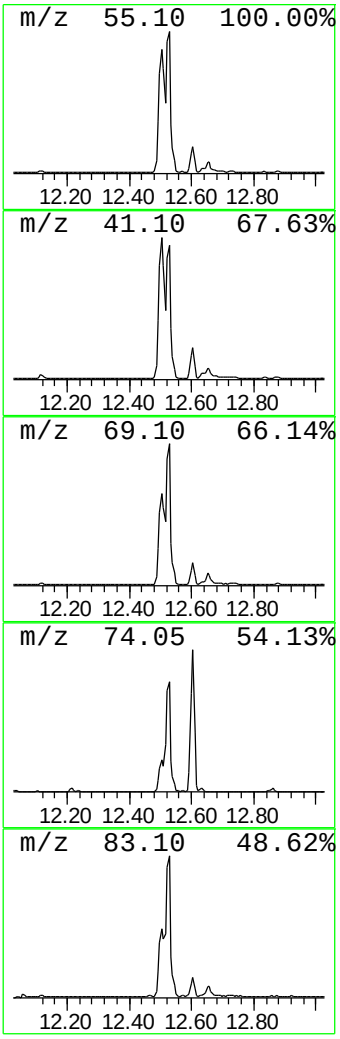
Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	75.64 ng	5394330	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	94





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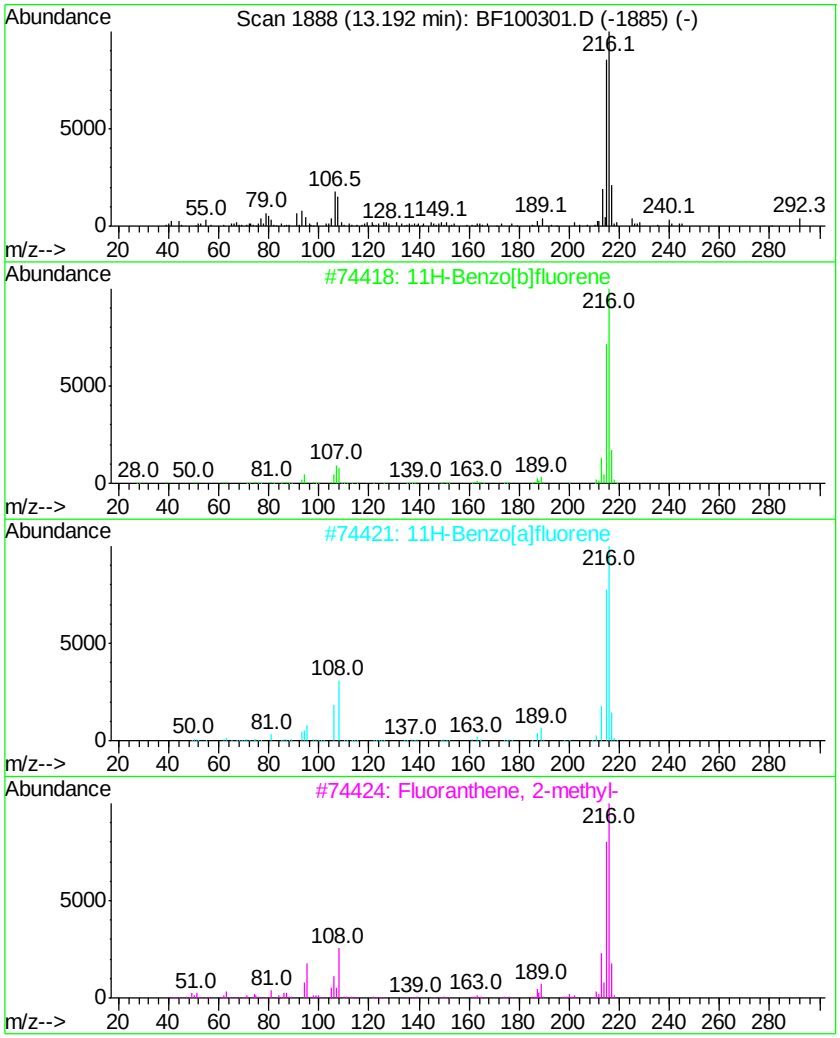
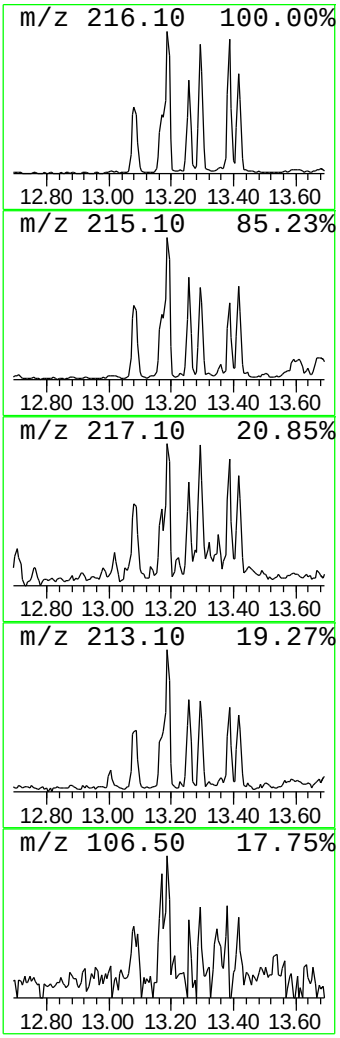
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.18 ng	253633	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Instrument : BNA_F
ClientSampleId : OR-02-110617

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

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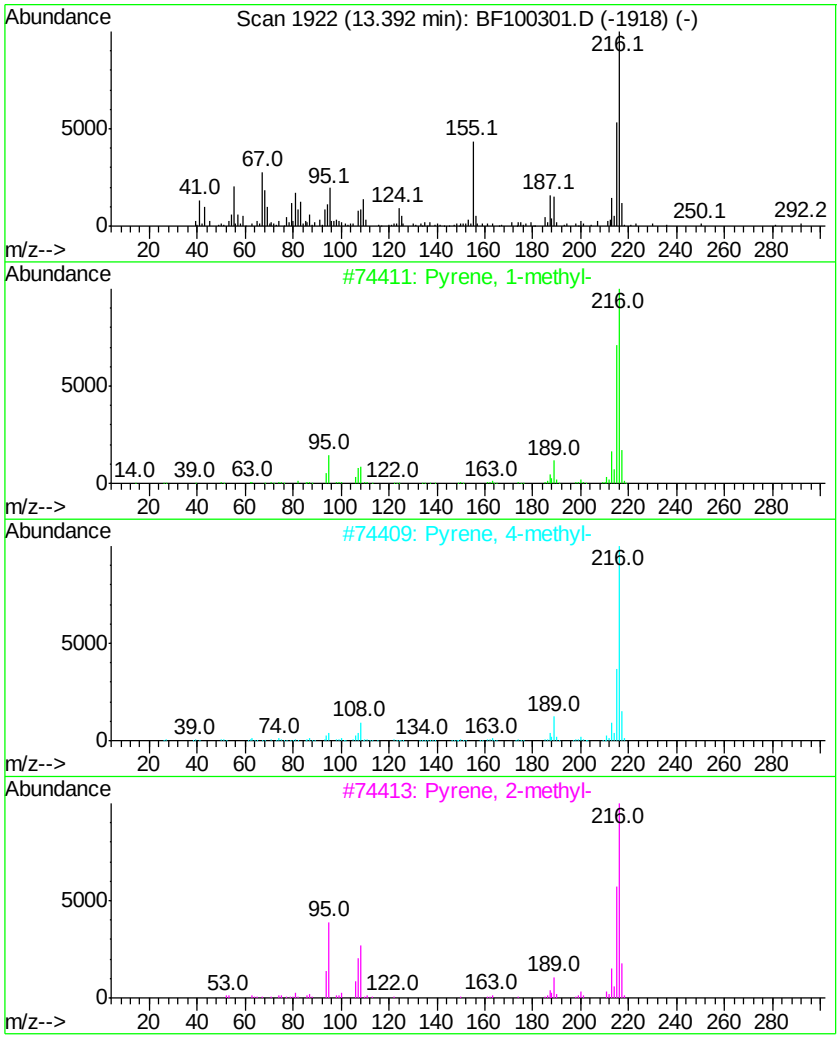
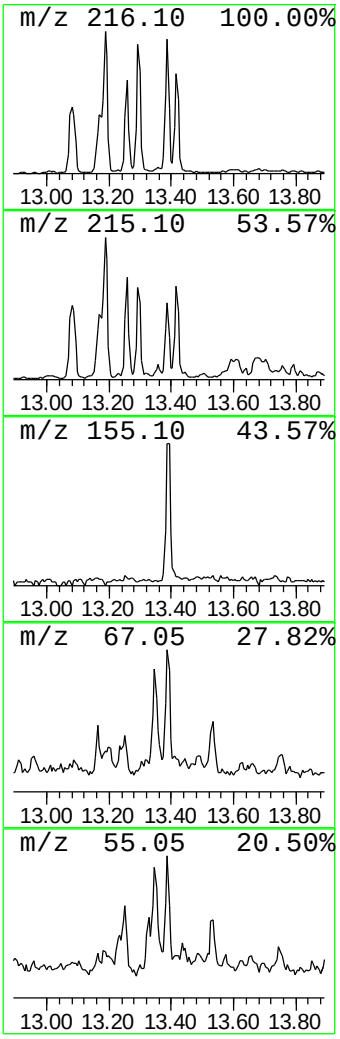
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	3.59 ng	286411	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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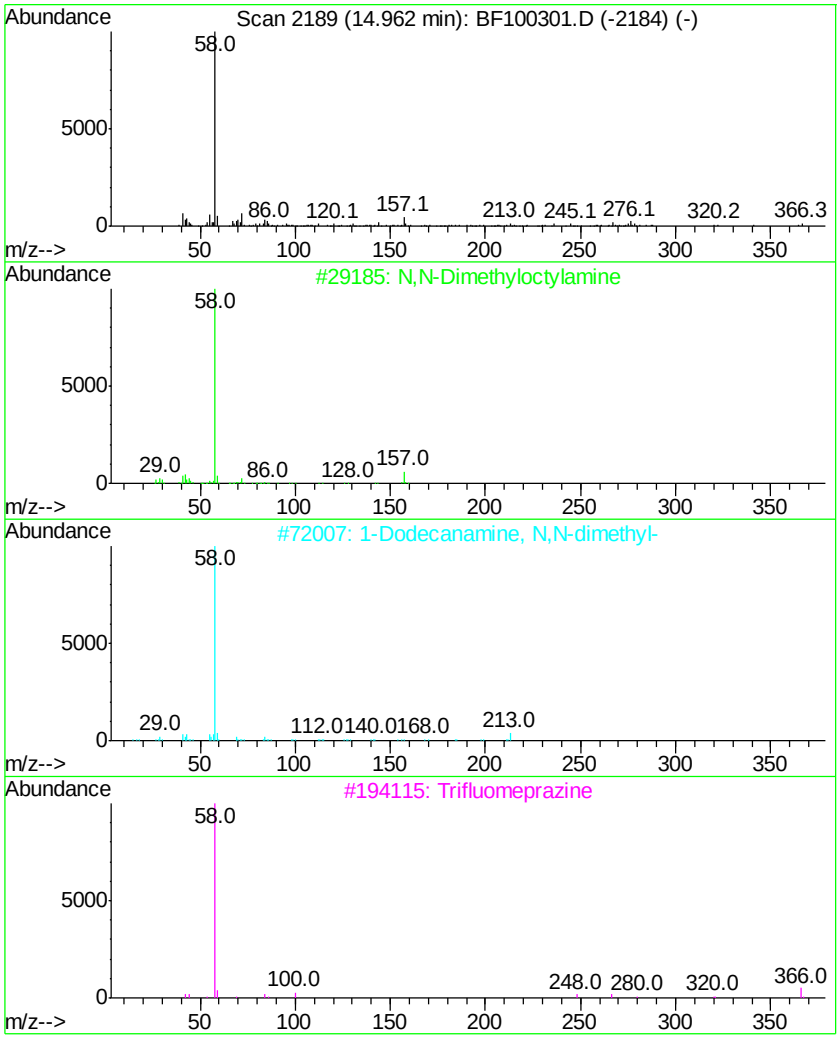
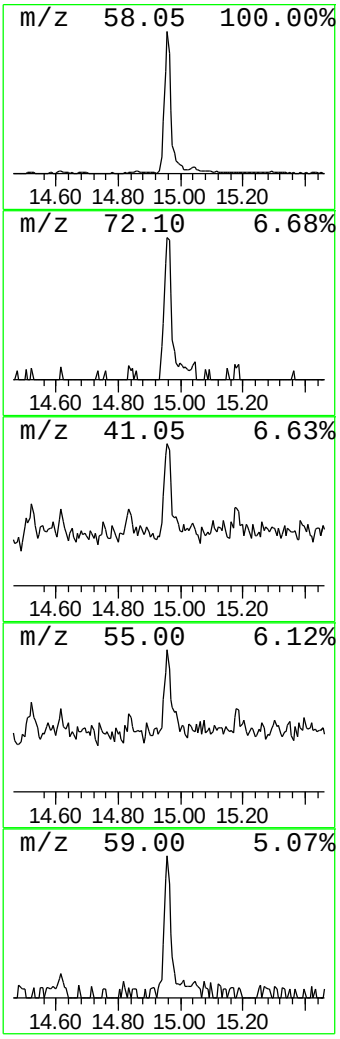
Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.97 ng	267509	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	80
2	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	68
3	Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64
4	N,N-Dimethyl-2-butoxyethylamine	145	C8H19NO	071126-58-4	64
5	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	64





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF110817\
Data File : BF100301.D
Acq On : 8 Nov 2017 19:37
Operator : SJ/JU
Sample : I6300-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-110617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
unknown6.66	6.66	8.5	ng	489967	1	6.90	1152460	20.0
Hexadecane	10.36	2.7	ng	217235	3	9.93	1596730	20.0
Heptadecane	10.83	5.1	ng	360683	4	11.42	1426370	20.0
Nonadecane	11.28	3.6	ng	260406	4	11.42	1426370	20.0
Dibenzothiophene	11.32	2.8	ng	195823	4	11.42	1426370	20.0
Heptacosane	11.71	2.6	ng	184837	4	11.42	1426370	20.0
Hexadecanoic acid...	11.81	40.7	ng	2901900	4	11.42	1426370	20.0
Phenanthrene, 2-m...	11.92	4.1	ng	290543	4	11.42	1426370	20.0
Anthracene, 9-met...	11.95	4.9	ng	352571	4	11.42	1426370	20.0
4H-Cyclopenta[def...	12.03	5.7	ng	408772	4	11.42	1426370	20.0
Anthracene, 2-met...	12.06	2.9	ng	204711	4	11.42	1426370	20.0
Phenanthrene, 2,5...	12.47	3.8	ng	273429	4	11.42	1426370	20.0
9,12-Octadecadien...	12.50	111.6	ng	7958690	4	11.42	1426370	20.0
9-Octadecenoic ac...	12.53	75.6	ng	5394330	4	11.42	1426370	20.0
11H-Benzo[b]fluorene	13.19	3.2	ng	253633	5	14.06	1596300	20.0
Pyrene, 1-methyl-	13.39	3.6	ng	286411	5	14.06	1596300	20.0
N,N-Dimethyloctyl...	14.96	5.0	ng	267509	6	15.54	1077160	20.0