LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103211.D
Acq On : 26 Feb 2018 11:54
Operator : SJ/JU
Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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	2.110	3	4	18	rVB	593538	599264	30.02%	1.801%
2	5.087	508	510	524	rVB	72340	94355	4.73%	0.284%
3	5.487	574	578	599	rVB	2057140	1996023	100.00%	5.999%
4	6.498	746	750	770	rBV	1739997	1920173	96.20%	5.771%
5	6.639	770	774	777	rBV	2087594	1942904	97.34%	5.839%
6	6.869	809	813	819	rBV	1153165	988907	49.54%	2.972%
7	7.022	835	839	847	rBV	1719063	1472943	73.79%	4.427%
8	7.428	904	908	920	rBV	1272246	1239217	62.08%	3.724%
9	8.151	1027	1031	1043	rBV	1427142	1319957	66.13%	3.967%
10	8.798	1134	1141	1143	rBV7	12507	22464	1.13%	0.068%
11	8.869	1150	1153	1155	rBV	26001	24449	1.22%	0.073%
12	8.963	1166	1169	1175	rVB	38996	39494	1.98%	0.119%
13	9.163	1200	1203	1208	rVB2	26963	26230	1.31%	0.079%
14	9.222	1209	1213	1223	rBV	1974683	1745467	87.45%	5.246%
15	9.298	1223	1226	1229	rVB	68525	65373	3.28%	0.196%
16	9.492	1255	1259	1264	rBV3	26664	44751	2.24%	0.134%
17	9.563	1267	1271	1274	rVV2	46665	57030	2.86%	0.171%
18	9.616	1277	1280	1287	rVB	145865	172997	8.67%	0.520%
19	9.680	1288	1291	1293	rBV2	32477	29245	1.47%	0.088%
20	9.769	1302	1306	1309	rBV2	78996	75070	3.76%	0.226%
21	9.827	1311	1316	1320	rVB	123020	117386	5.88%	0.353%
22	9.904	1324	1329	1333	rVV	1307111	1256541	62.95%	3.776%
23	9.939	1333	1335	1338	rVB	199474	155705	7.80%	0.468%
24	10.010	1344	1347	1351	rVB4	19995	28642	1.43%	0.086%
25	10.063	1351	1356	1358	rBV4	32754	47910	2.40%	0.144%
26	10.110	1361	1364	1367	rVV2	95483	100704	5.05%	0.303%
27	10.145	1367	1370	1374	rVB2	60381	59747	2.99%	0.180%
28	10.222	1379	1383	1386	rBV2	39004	50444	2.53%	0.152%
29	10.327	1394	1401	1404	rBV	173142	194398	9.74%	0.584%
30	10.457	1419	1423	1429	rVB	174099	183474	9.19%	0.551%
31	10.545	1432	1438	1440	rVV2	74715	99920	5.01%	0.300%
32	10.610	1444	1449	1451	rBV3	32128	46919	2.35%	0.141%
33	10.698	1460	1464	1474	rVV	881610	958079	48.00%	2.879%
34	10.798	1478	1481	1491	rVB	193135	261061	13.08%	0.785%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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	11.004	1511	1516	1518	rBV3	43384	57539	2.88%	0.173%
36	11.027	1518	1520	1523	rVB3	33176	29643	1.49%	0.089%
37	11.086	1527	1530	1532	rVB2	40431	35830	1.80%	0.108%
38	11.121	1532	1536	1538	rBV3	33613	42261	2.12%	0.127%
39	11.245	1554	1557	1560	rBV2	144017	122728	6.15%	0.369%
40	11.274	1560	1562	1564	rVV	60999	61051	3.06%	0.183%
41	11.292	1564	1565	1569	rVB	75663	51240	2.57%	0.154%
42	11.339	1571	1573	1579	rVB	30095	28411	1.42%	0.085%
43	11.398	1579	1583	1585	rBV	995619	1060519	53.13%	3.187%
44	11.421	1585	1587	1592	rVV	891670	720487	36.10%	2.165%
45	11.474	1592	1596	1601	rVV	264100	260737	13.06%	0.784%
46	11.551	1607	1609	1613	rBV5	21569	27505	1.38%	0.083%
47	11.604	1615	1618	1620	rVV2	34451	35987	1.80%	0.108%
48	11.627	1620	1622	1627	rVV	71489	90405	4.53%	0.272%
49	11.674	1627	1630	1636	rVV2	110446	125250	6.27%	0.376%
50	11.727	1637	1639	1644	rVV2	39638	42349	2.12%	0.127%
51	11.774	1644	1647	1650	rVV	155888	120837	6.05%	0.363%
52	11.898	1665	1668	1671	rBV	113546	126682	6.35%	0.381%
53	11.927	1671	1673	1677	rVB	163347	131246	6.58%	0.394%
54	11.974	1678	1681	1684	rVV	59909	57508	2.88%	0.173%
55	12.010	1684	1687	1690	rVV2	244503	272425	13.65%	0.819%
56	12.033	1690	1691	1696	rVB	86644	52690	2.64%	0.158%
57	12.080	1696	1699	1702	rBV	114384	90183	4.52%	0.271%
58	12.192	1714	1718	1721	rBV	85812	83798	4.20%	0.252%
59	12.227	1721	1724	1728	rVB4	47053	51408	2.58%	0.154%
60	12.321	1738	1740	1742	rBV3	27770	26546	1.33%	0.080%
61	12.374	1745	1749	1751	rVV2	38466	39810	1.99%	0.120%
62	12.398	1751	1753	1755	rVB3	34715	26564	1.33%	0.080%
63	12.463	1757	1764	1766	rBV3	338414	480164	24.06%	1.443%
64	12.480	1766	1767	1773	rVB2	372237	319553	16.01%	0.960%
65	12.533	1773	1776	1780	rBV3	51345	71015	3.56%	0.213%
66	12.568	1780	1782	1785	rVB	100051	78121	3.91%	0.235%
67	12.610	1786	1789	1793	rBV	1422396	1253990	62.82%	3.769%
68	12.710	1803	1806	1809	rVB2	32197	25221	1.26%	0.076%
69	12.763	1812	1815	1817	rBV	58365	49589	2.48%	0.149%
70	12.786	1817	1819	1821	rVB3	28995	22185	1.11%	0.067%
71	12.839	1822	1828	1834	rBV	1159640	1390410	69.66%	4.179%

LSC Area Percent Report

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Acq On : 26 Feb 2018 11:54
Operator : SJ/JU
Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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	12.892	1834	1837	1841	rVB2	67931	70961	3.56%	0.213%
73	12.974	1845	1851	1855	rBV	1169954	1189753	59.61%	3.576%
74	13.057	1861	1865	1869	rBV3	83845	145115	7.27%	0.436%
75	13.168	1876	1884	1887	rBV	207283	300545	15.06%	0.903%
76	13.198	1887	1889	1891	rVV	72741	52856	2.65%	0.159%
77	13.233	1892	1895	1898	rVB	175828	138572	6.94%	0.416%
78	13.274	1898	1902	1904	rBV2	103493	126646	6.34%	0.381%
79	13.368	1915	1918	1920	rVB	74329	57599	2.89%	0.173%
80	13.398	1920	1923	1926	rBV	81748	94030	4.71%	0.283%
81	13.539	1945	1947	1950	rBV	86883	74869	3.75%	0.225%
82	13.651	1964	1966	1968	rBV2	38083	38882	1.95%	0.117%
83	13.680	1969	1971	1975	rVB	59061	64760	3.24%	0.195%
84	13.792	1987	1990	1992	rBV	98619	91082	4.56%	0.274%
85	13.815	1992	1994	1996	rVB	64979	45236	2.27%	0.136%
86	13.839	1996	1998	2000	rBV	71178	70475	3.53%	0.212%
87	13.868	2000	2003	2005	rVB3	113570	107539	5.39%	0.323%
88	14.039	2027	2032	2035	rBV2	1088058	1506817	75.49%	4.529%
89	14.068	2035	2037	2045	rVB	583016	515861	25.84%	1.550%
90	14.145	2048	2050	2053	rVB	130958	105337	5.28%	0.317%
91	14.186	2055	2057	2063	rVB4	90987	101591	5.09%	0.305%
92	14.462	2102	2104	2107	rBV2	54369	51722	2.59%	0.155%
93	14.498	2107	2110	2114	rBV3	94248	116400	5.83%	0.350%
94	14.580	2122	2124	2127	rVB2	77429	70425	3.53%	0.212%
95	15.098	2208	2212	2215	rBV	527320	792382	39.70%	2.381%
96	15.209	2228	2231	2236	rBV	104232	131555	6.59%	0.395%
97	15.409	2261	2265	2271	rVB	294728	397309	19.91%	1.194%
98	15.474	2272	2276	2281	rVB	476270	593375	29.73%	1.783%
99	15.533	2282	2286	2290	rBV	668051	903685	45.27%	2.716%
100	17.503	2617	2621	2630	rVB2	148850	319436	16.00%	0.960%

Sum of corrected areas: 33273945

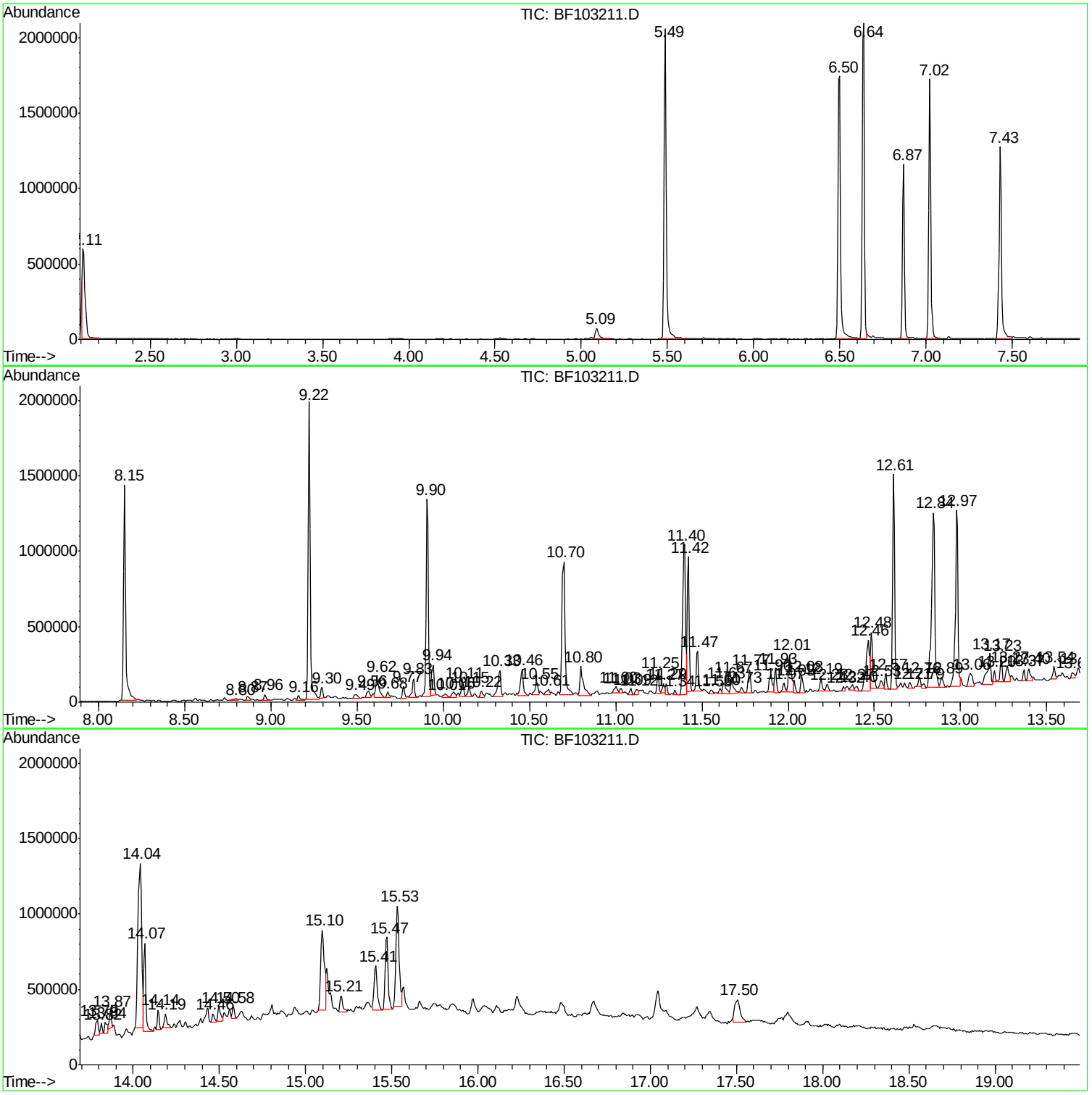
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103211.D
Acq On : 26 Feb 2018 11:54
Operator : SJ/JU
Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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 : BF103211.D
Acq On : 26 Feb 2018 11:54
Operator : SJ/JU
Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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

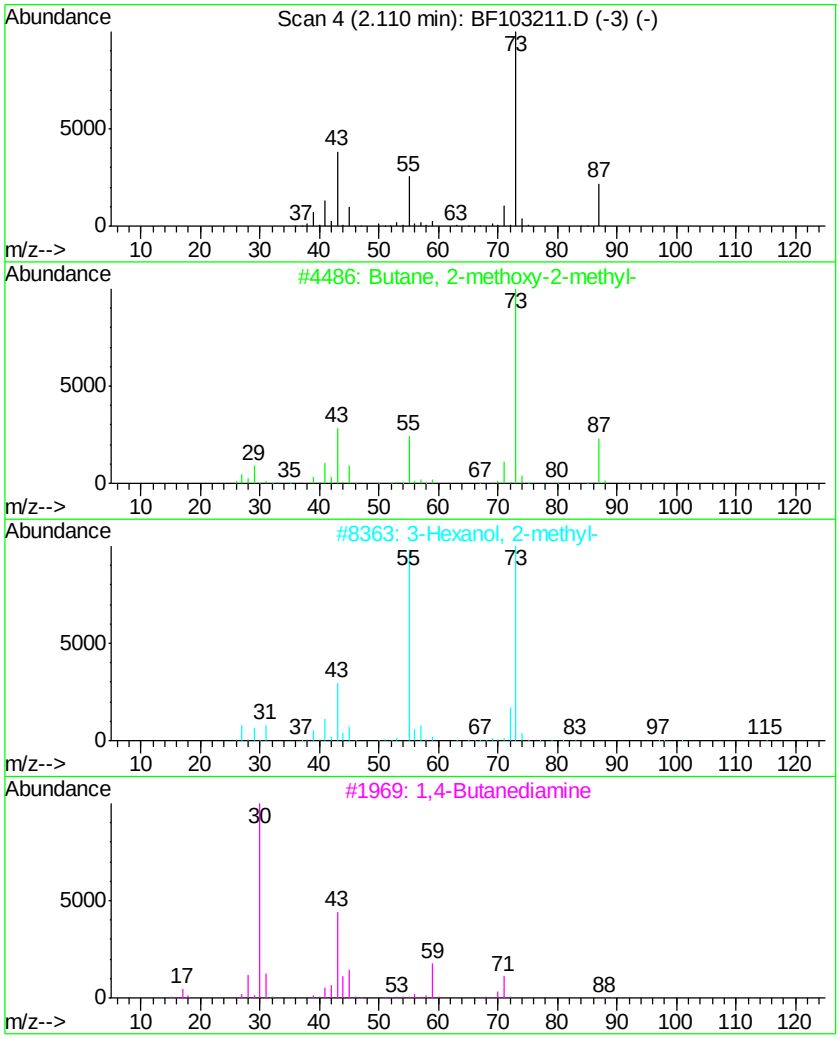
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

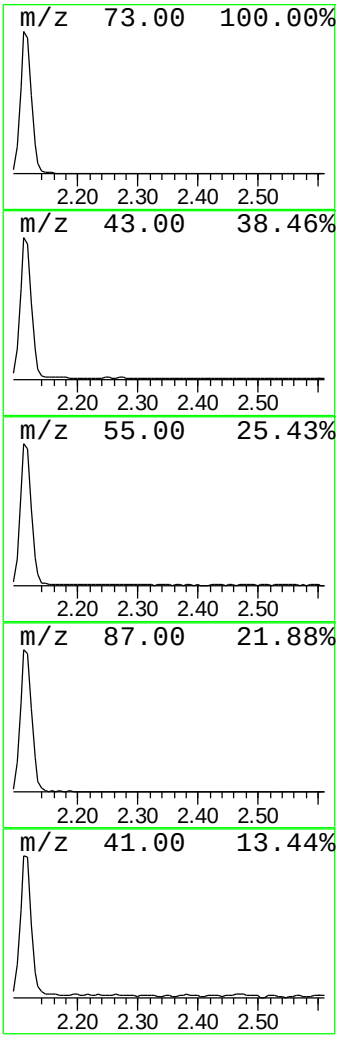
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.11	12.12 ng	599264	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	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	16
3	1,4-Butanediamine	88	C4H12N2	000110-60-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103211.D
Acq On : 26 Feb 2018 11:54
Operator : SJ/JU
Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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

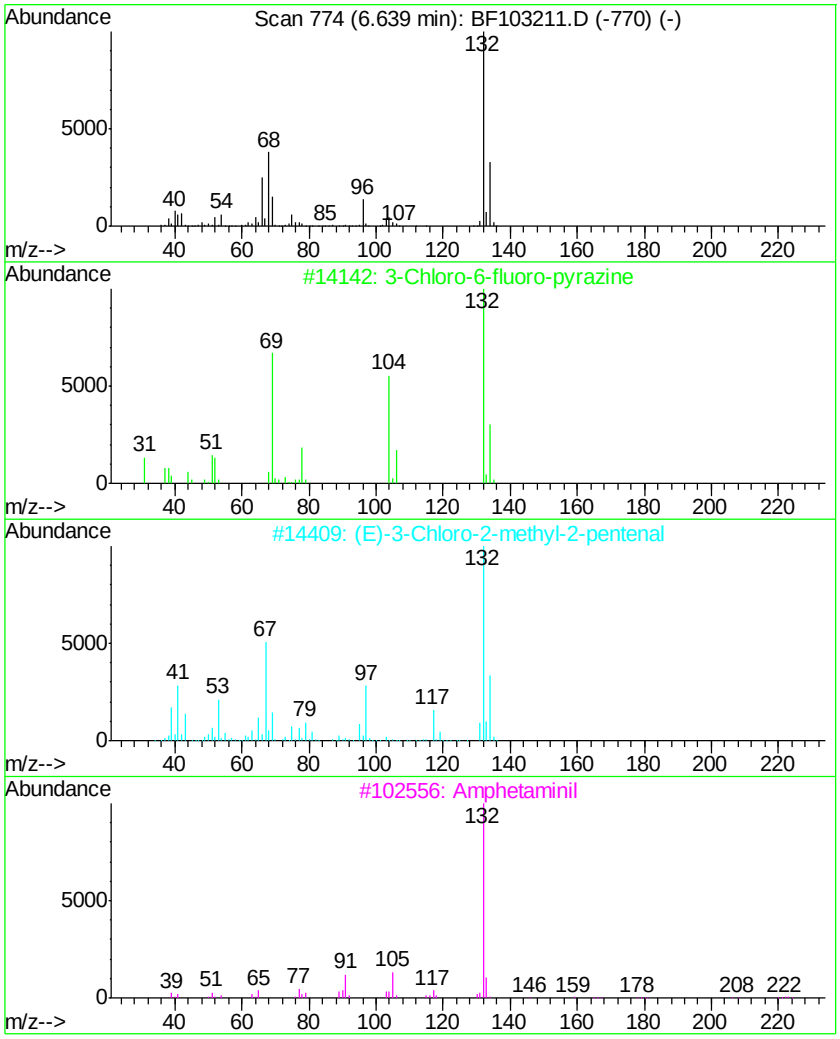
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

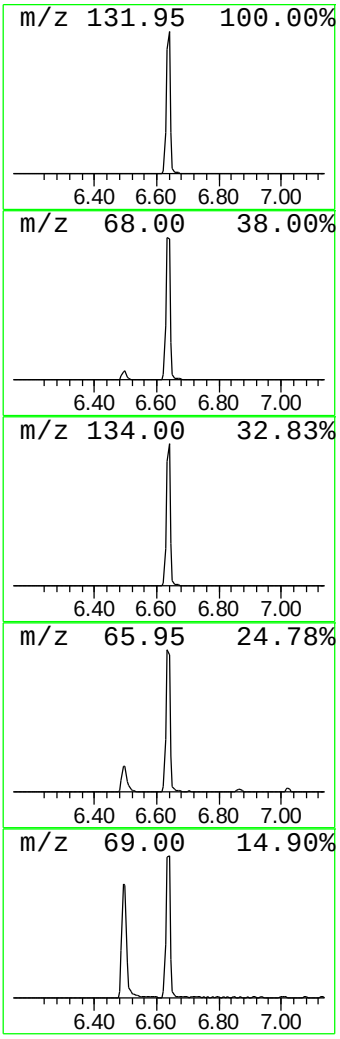
****

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	39.29 ng	1942900	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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Operator : SJ/JU
Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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

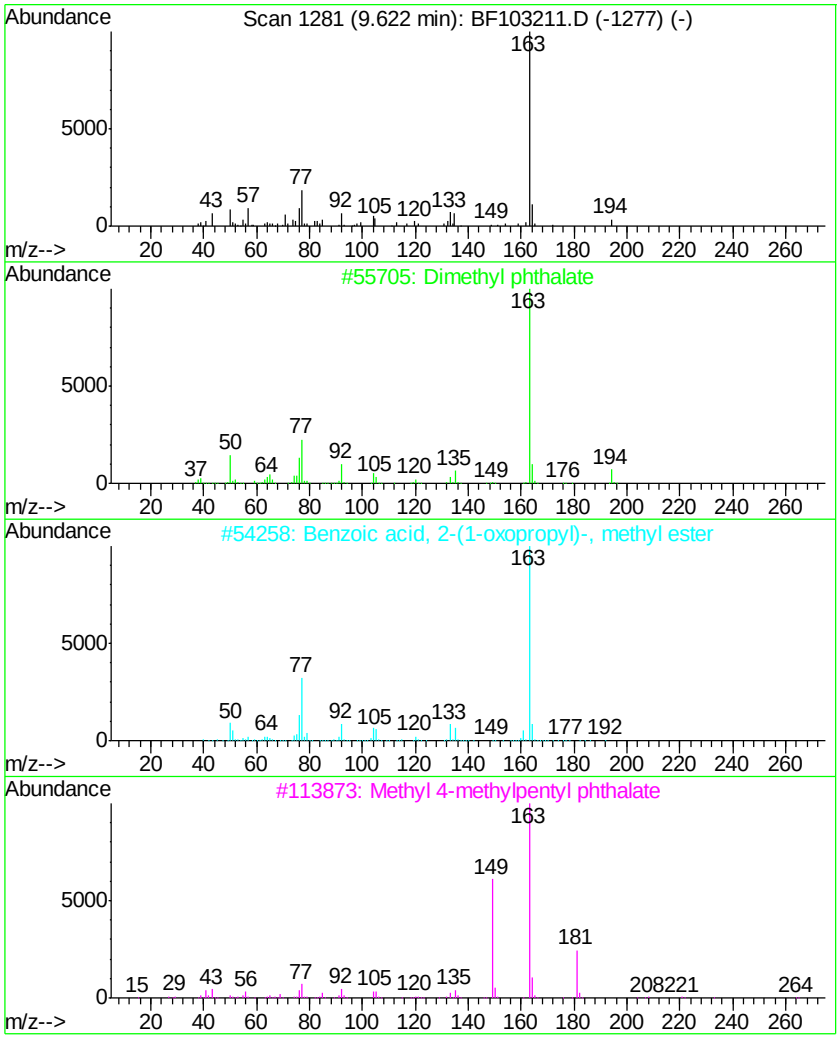
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

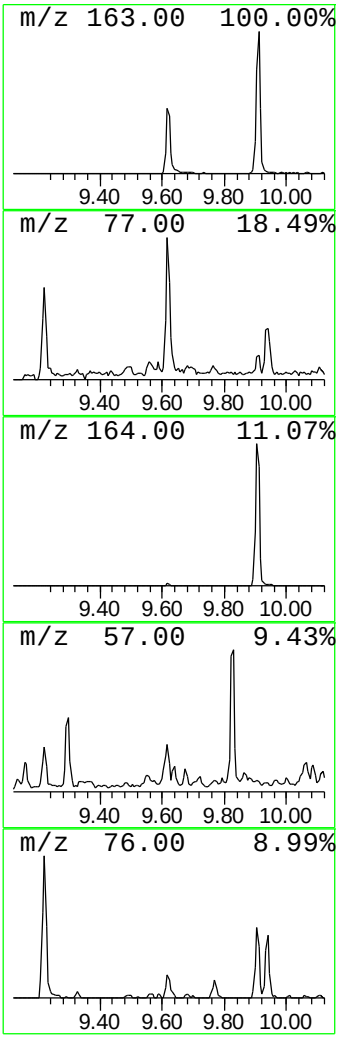
****

Peak Number 4 Dimethyl phthalate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	2.75 ng	172997	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	95
2	Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	83
3	Methyl 4-methylpentyl phthalate	264	C15H20O4	1000373-82-6	74
4	Methyl pentyl phthalate	250	C14H18O4	1000373-89-5	72
5	Isobutyl methyl phthalate	236	C13H16O4	1000373-89-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103211.D
Acq On : 26 Feb 2018 11:54
Operator : SJ/JU
Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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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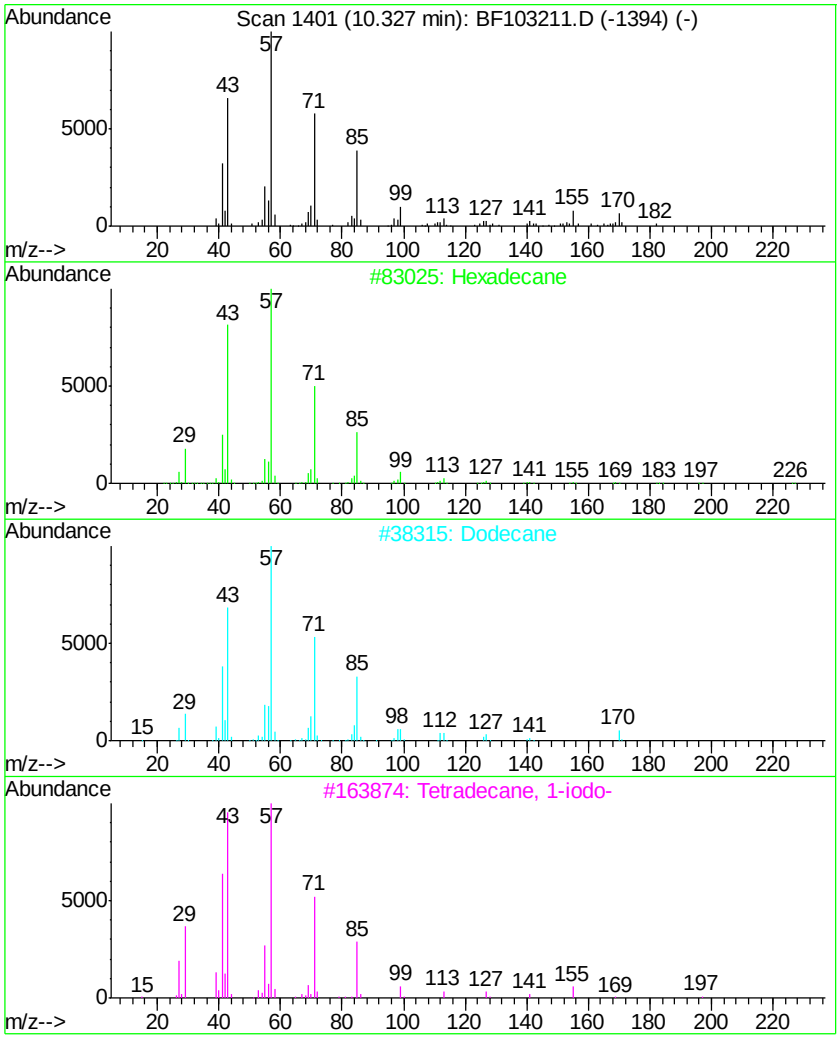
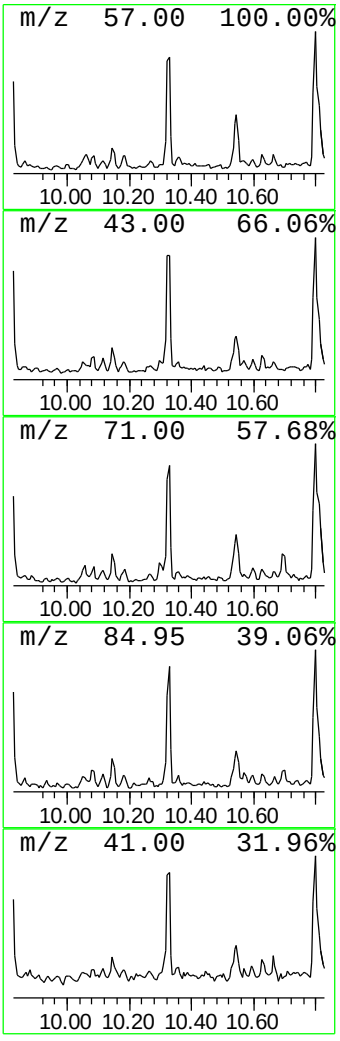
Peak Number 5 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	3.09 ng	194398	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Dodecane	170	C12H26	000112-40-3	83
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Heptacosane	380	C27H56	000593-49-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103211.D
Acq On : 26 Feb 2018 11:54
Operator : SJ/JU
Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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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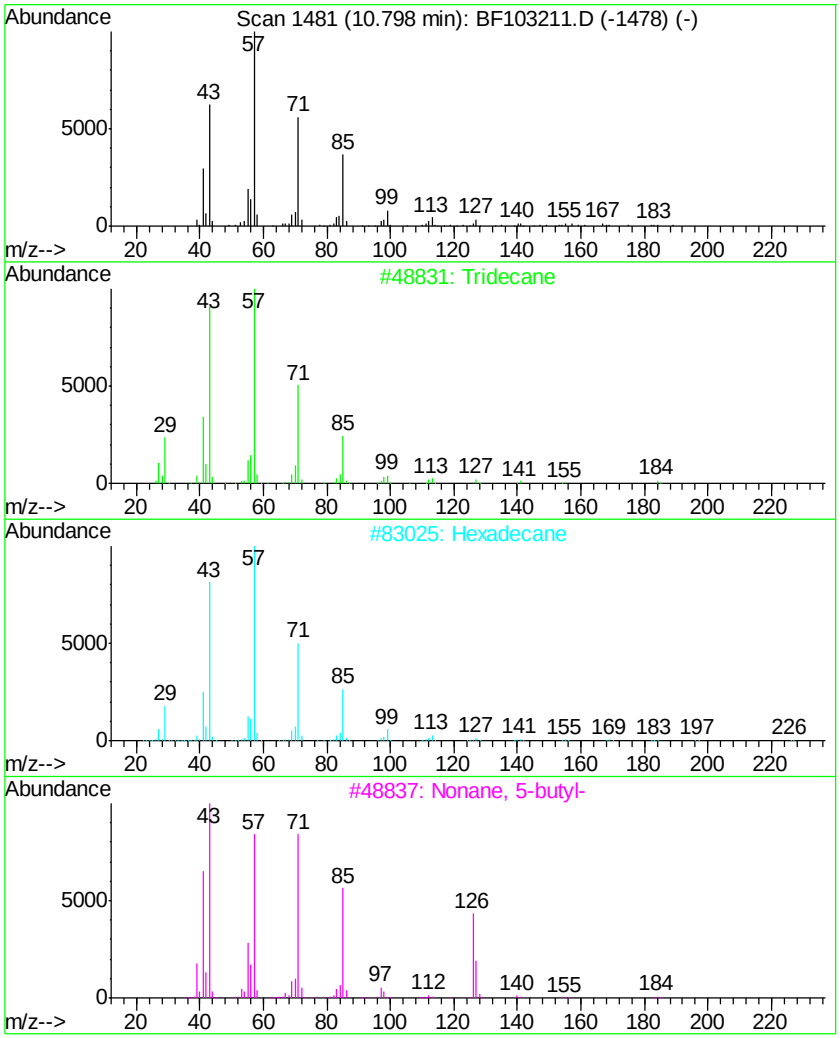
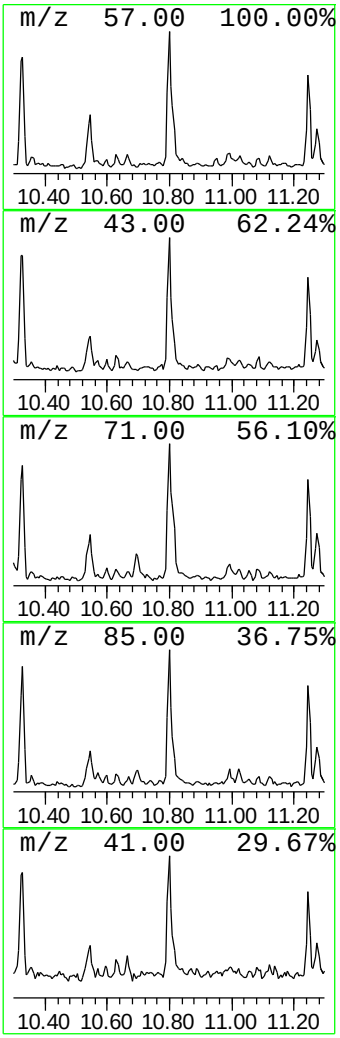
Peak Number 6 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	4.92 ng	261061	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	81
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	80
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103211.D
Acq On : 26 Feb 2018 11:54
Operator : SJ/JU
Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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

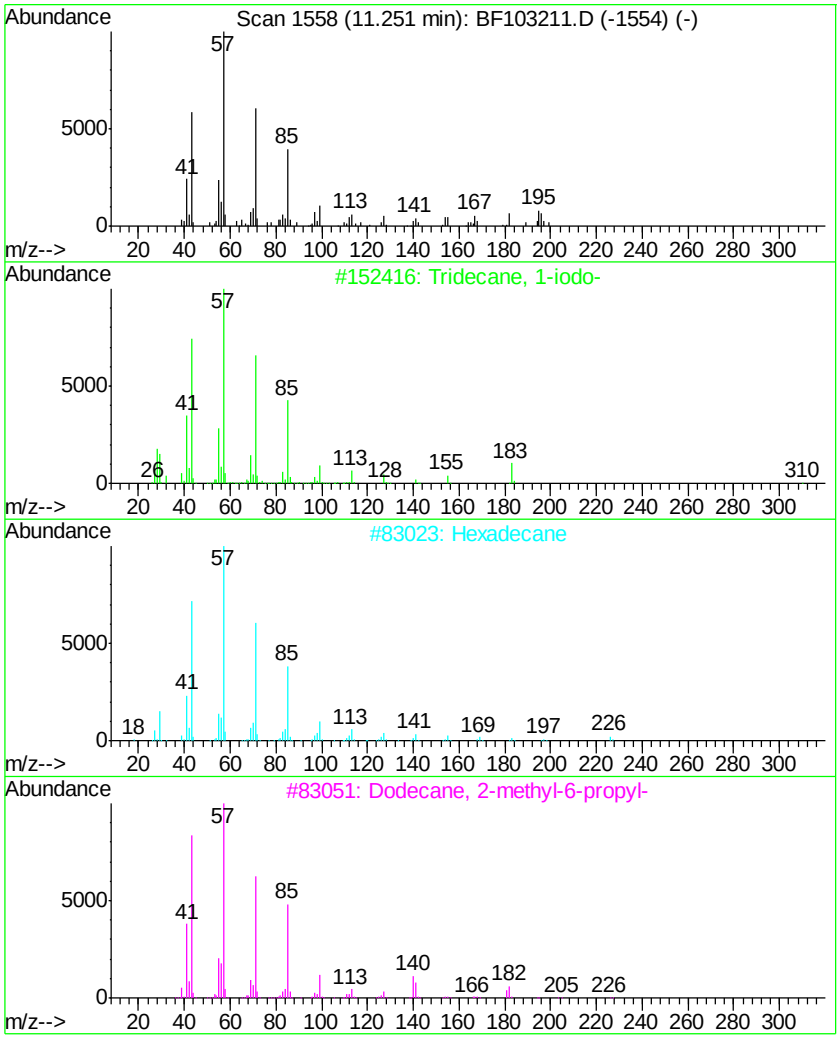
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

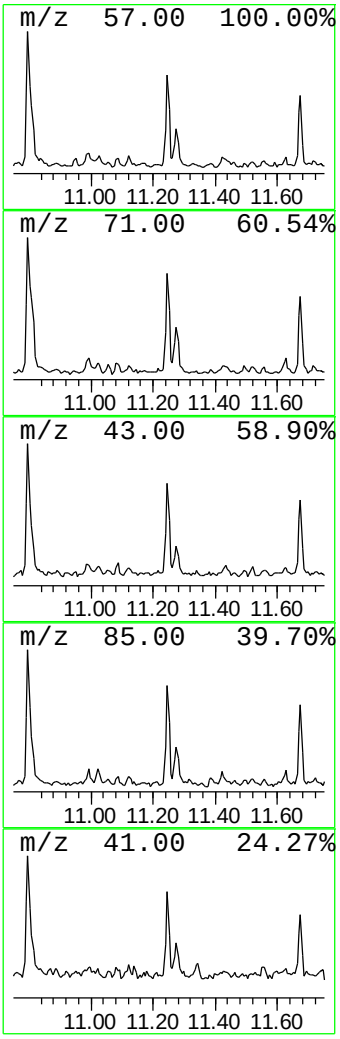
****

Peak Number 7 Tridecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.31 ng	122728	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
2	Hexadecane	226	C16H34	000544-76-3	80
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Tetracosane	338	C24H50	000646-31-1	80





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Acq On : 26 Feb 2018 11:54
Operator : SJ/JU
Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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

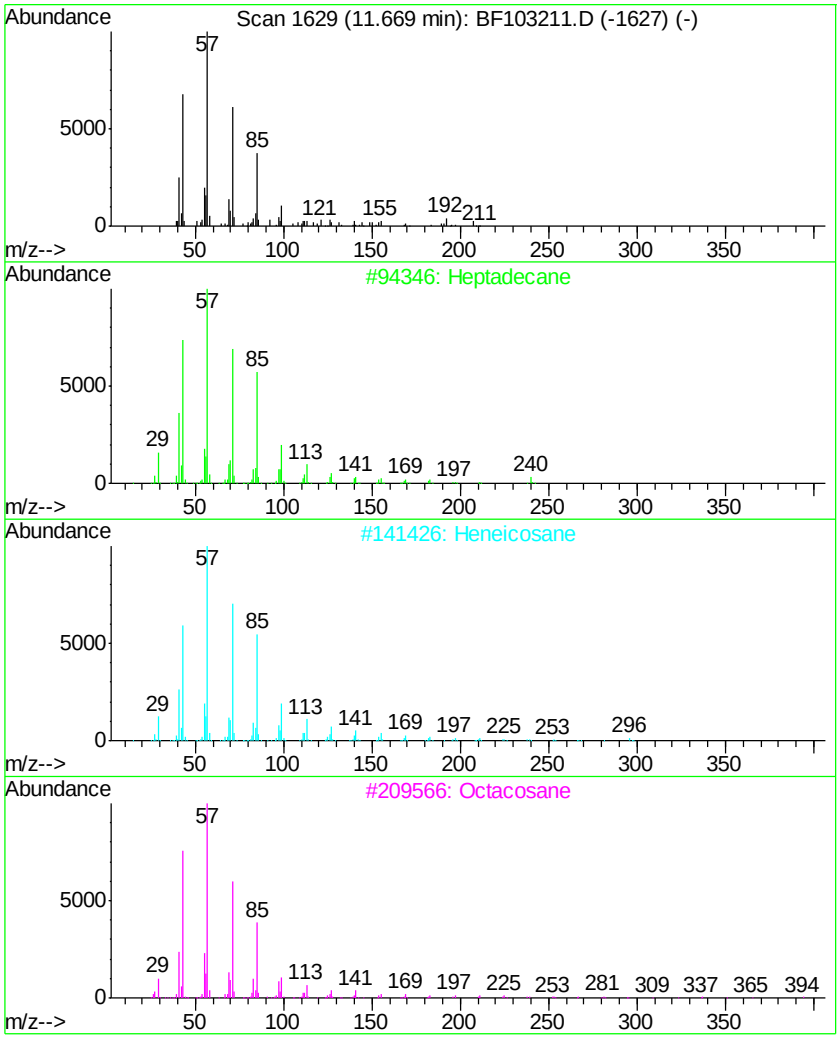
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

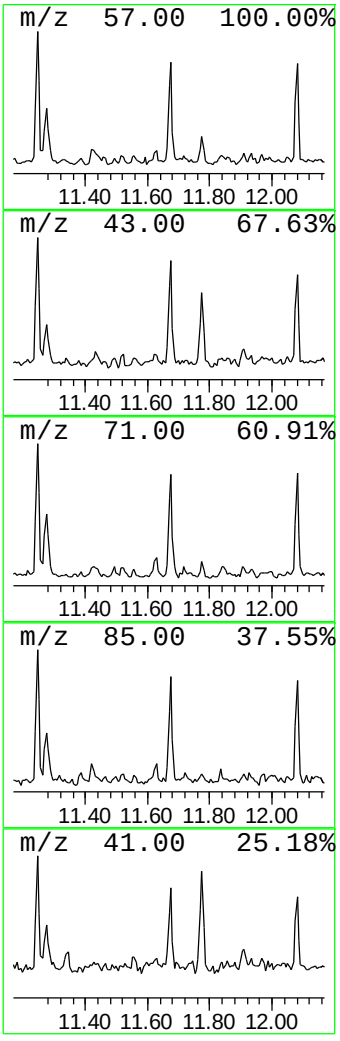
****

Peak Number 8 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	2.36 ng	125250	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Hexadecane	226	C16H34	000544-76-3	86





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Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : OK-01-022218

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

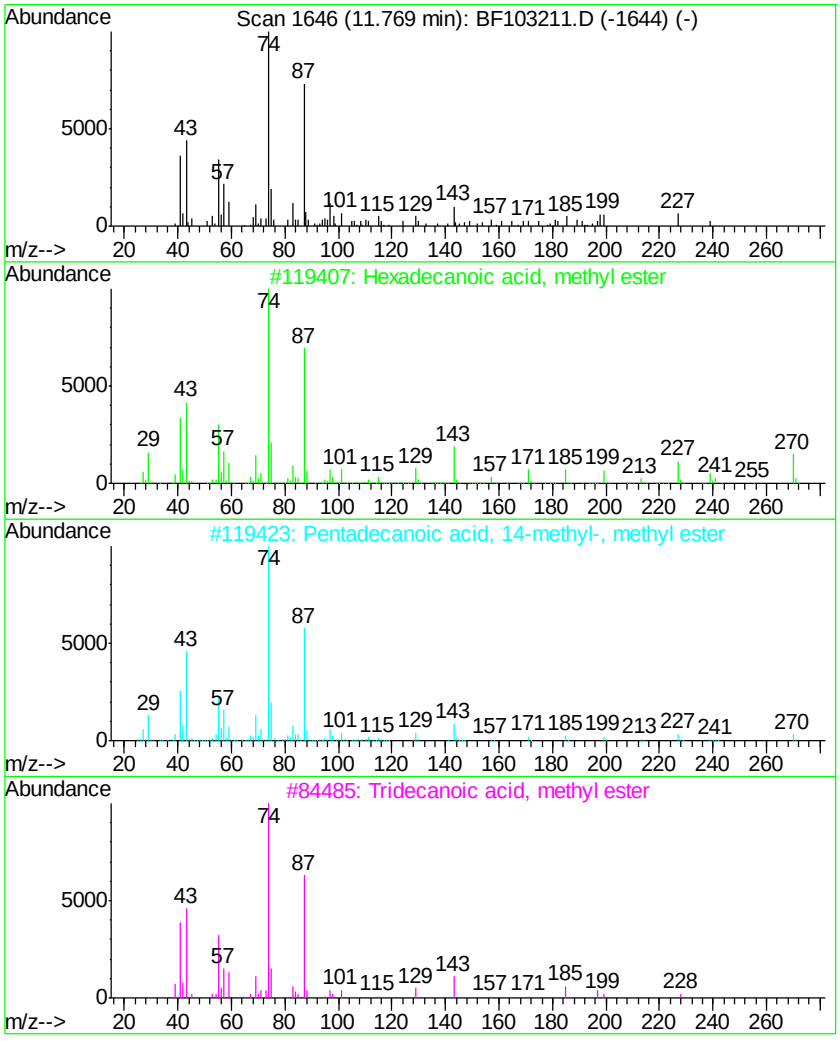
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

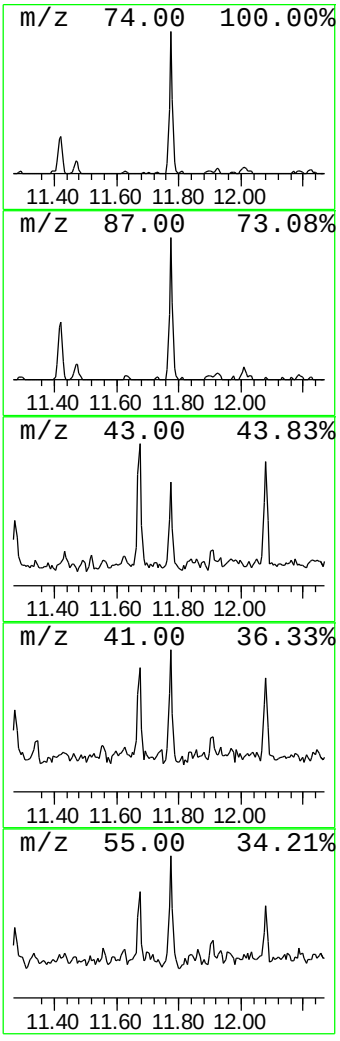
****

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.28 ng	120837	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	86
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Operator : SJ/JU
Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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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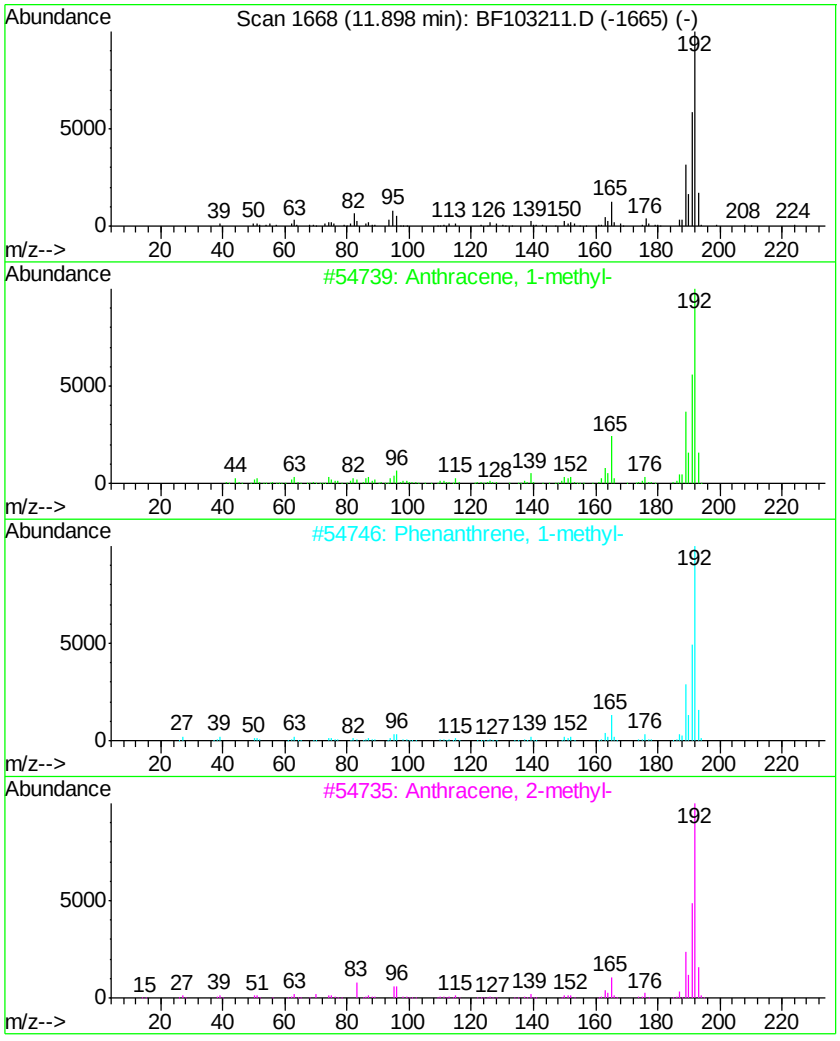
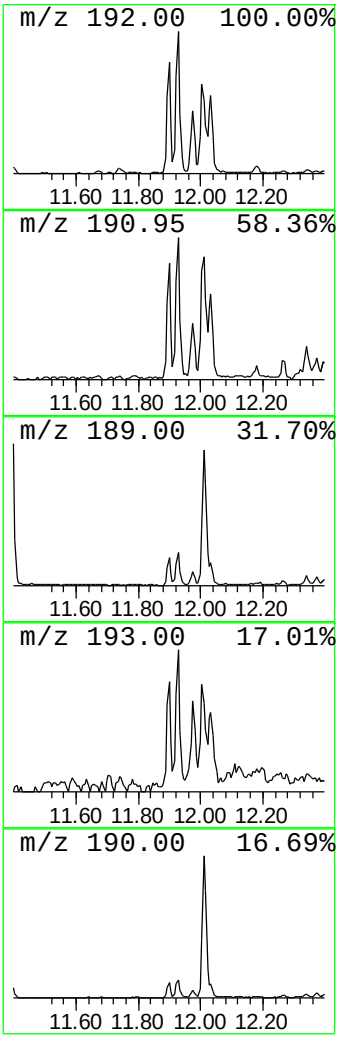
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.39 ng	126682	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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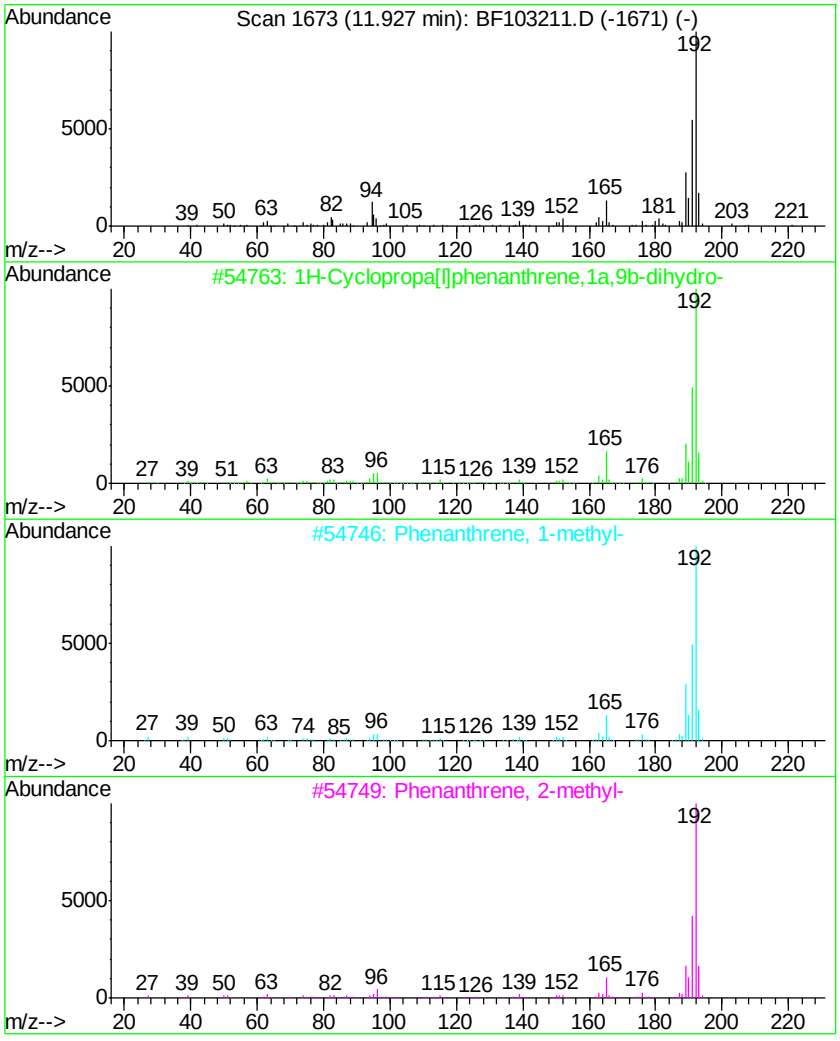
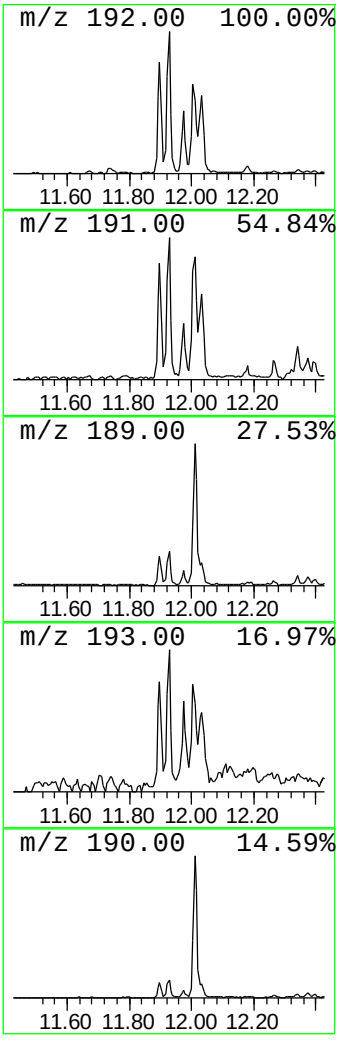
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.48 ng	131246	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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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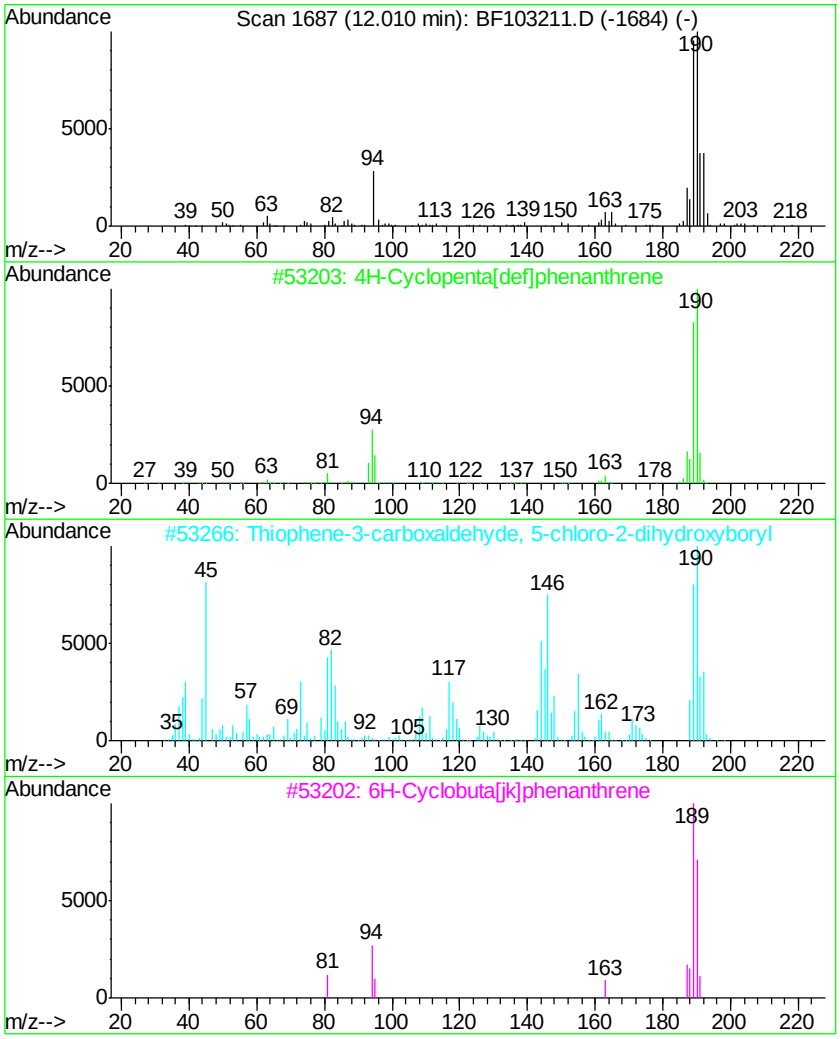
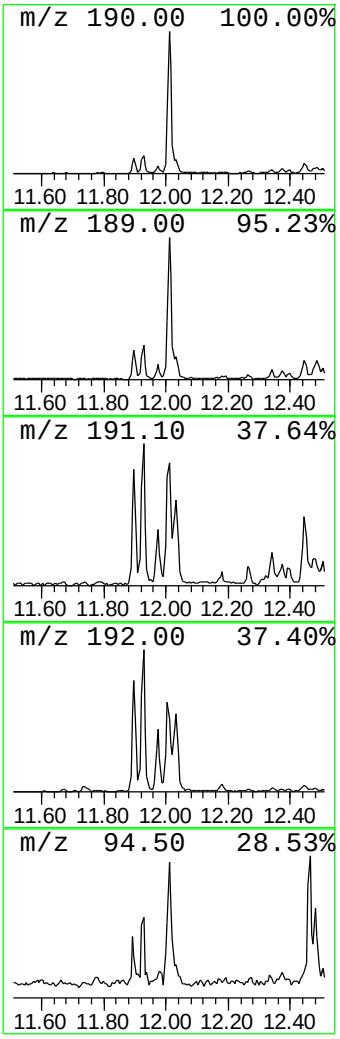
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	5.14 ng	272425	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	35





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Acq On : 26 Feb 2018 11:54
Operator : SJ/JU
Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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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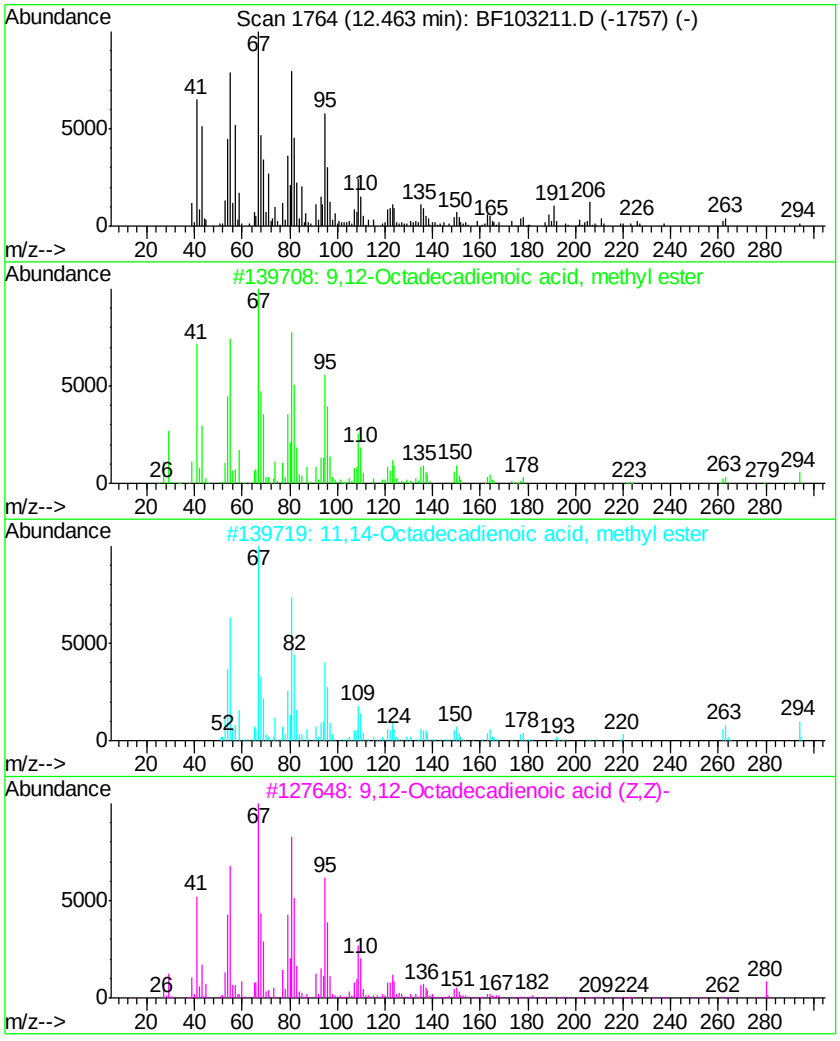
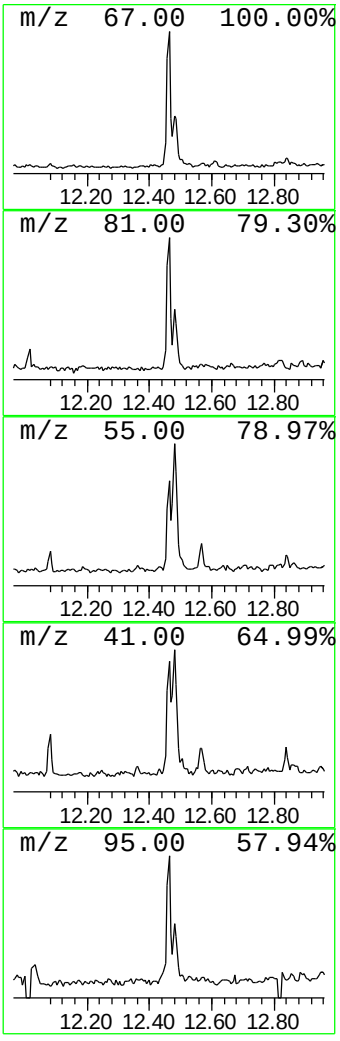
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	9.06 ng	480164	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	95
2	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	93
4	8-Octadecynoic acid, methyl ester	294	C19H34O2	018545-05-6	93
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	93





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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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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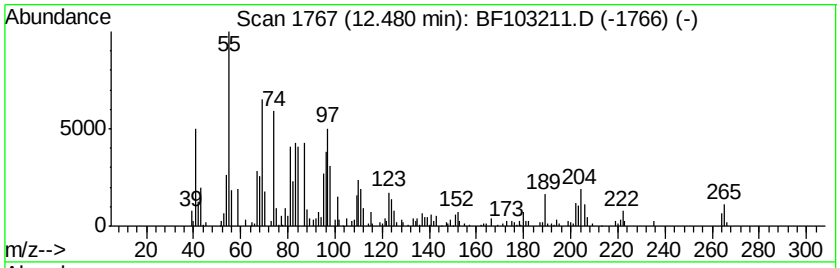
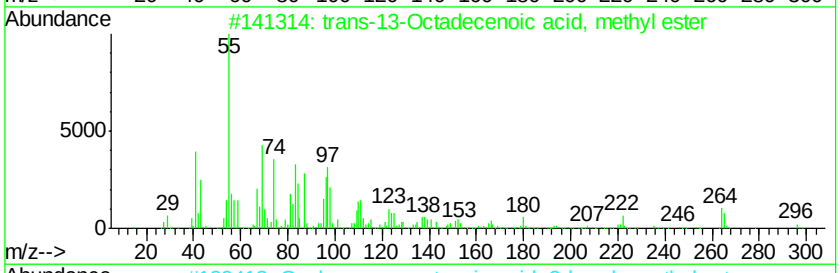
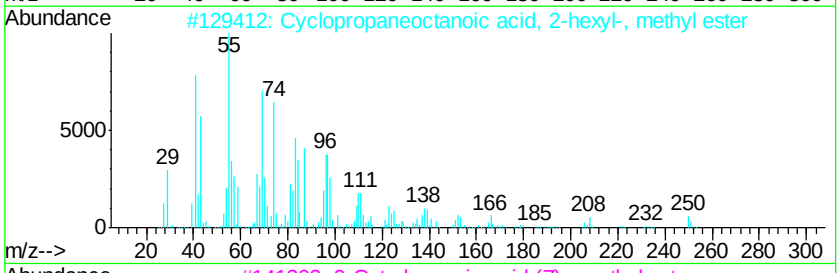
Peak Number 14 trans-13-Octadecenoic acid,... Concentration Rank 6

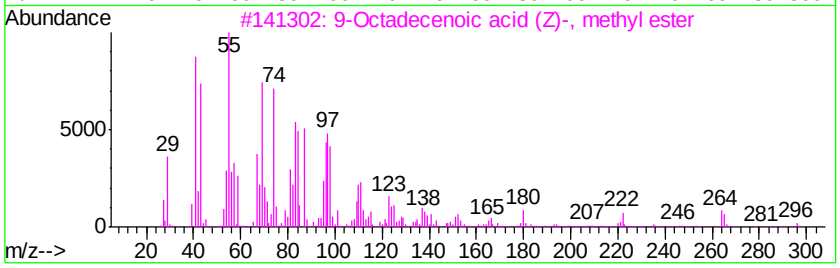
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	6.03 ng	319553	Phenanthrene-d10	11.40

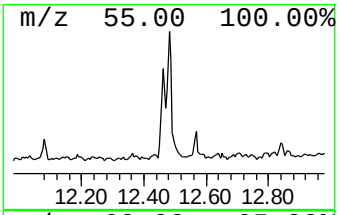
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91
2	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	83
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	76
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	72
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	64

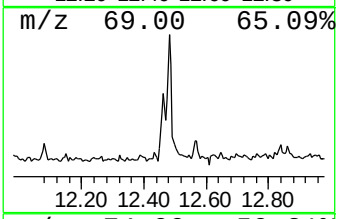


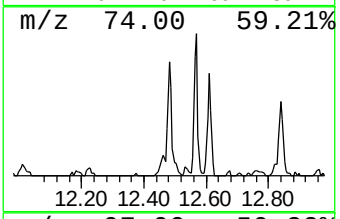


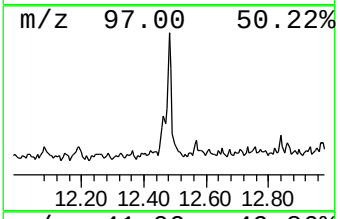


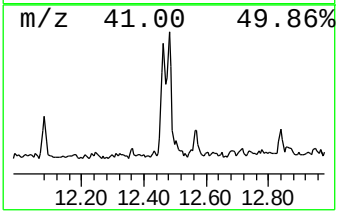












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Data File : BF103211.D
Acq On : 26 Feb 2018 11:54
Operator : SJ/JU
Sample : J1398-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-022218

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

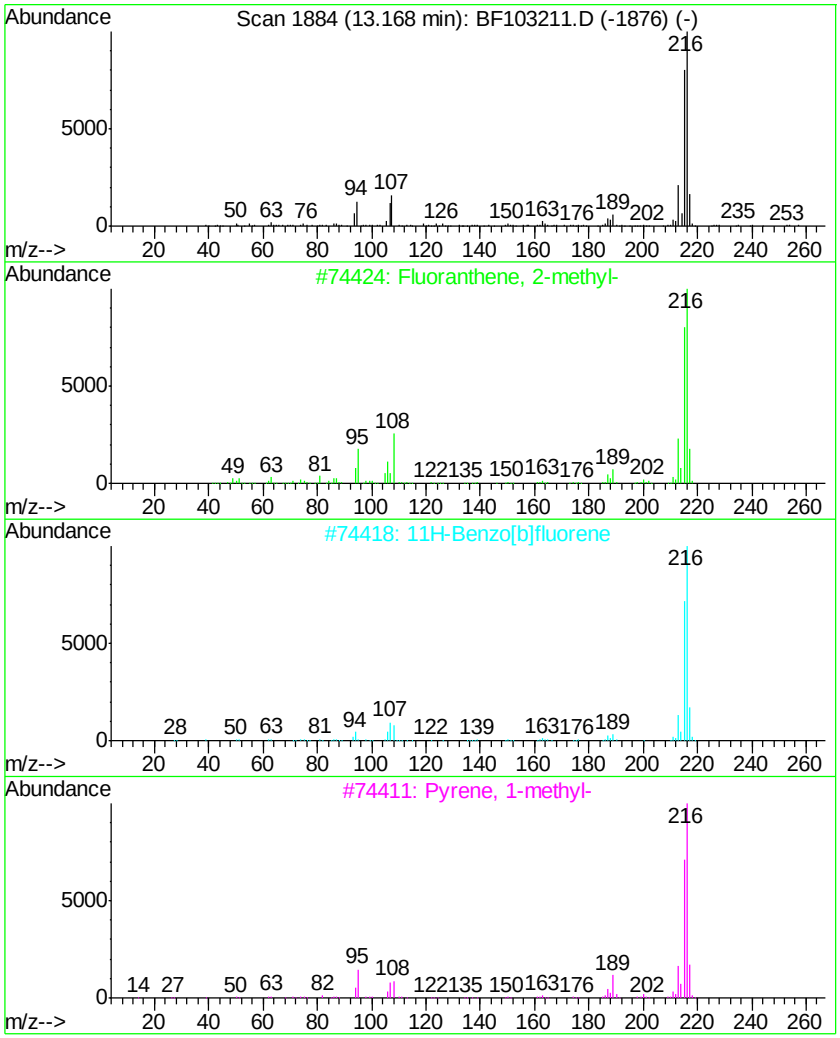
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

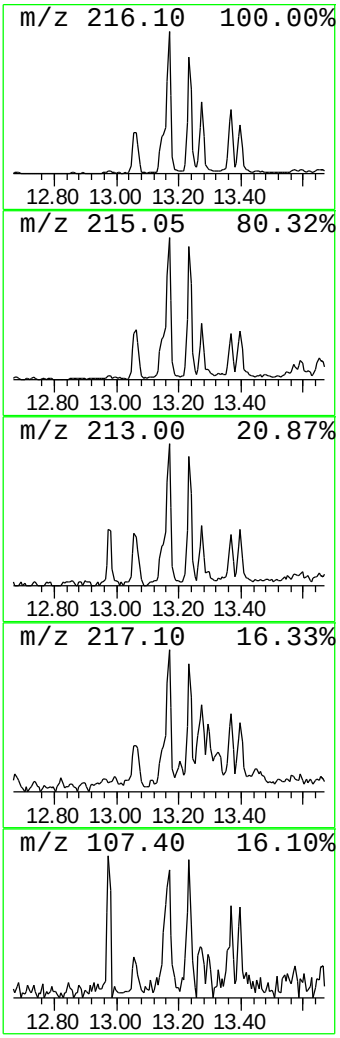
****

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.99 ng	300545	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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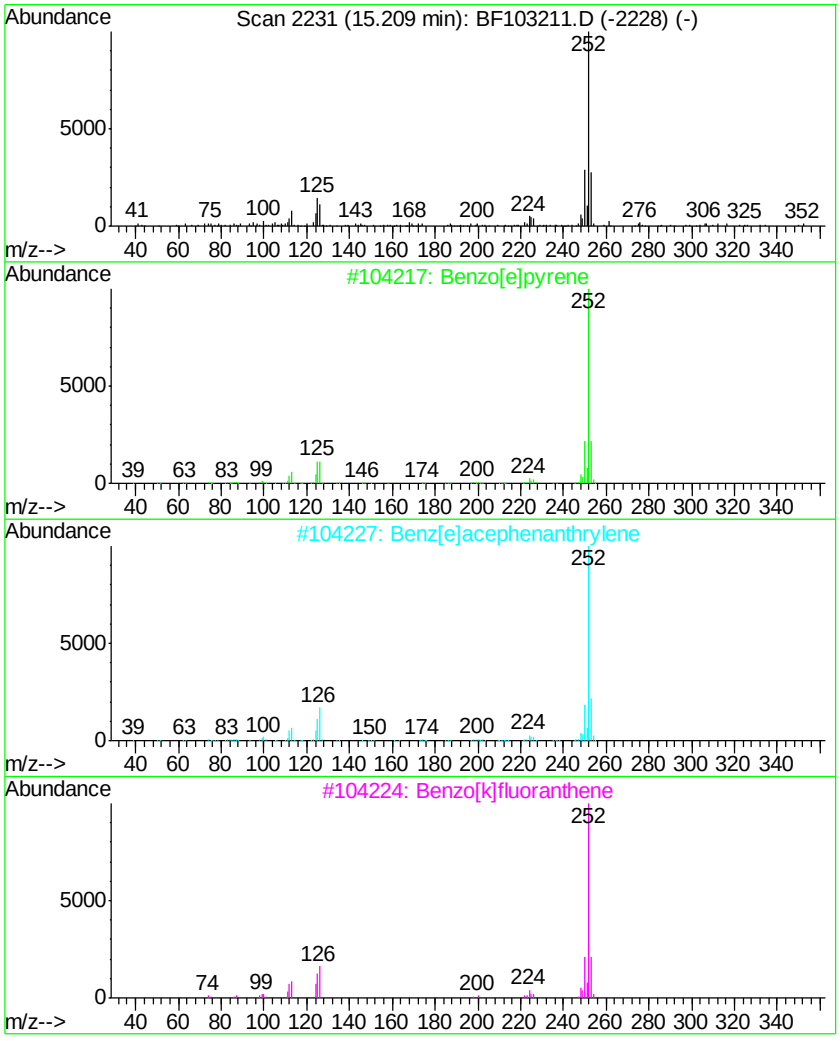
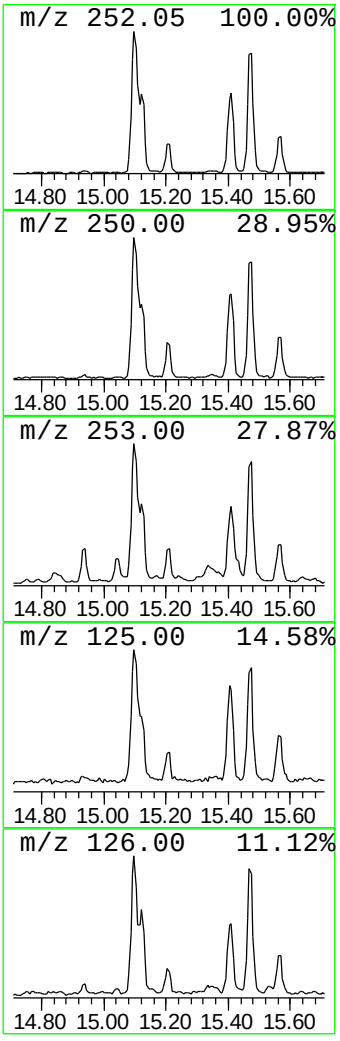
Peak Number 16 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	2.91 ng	131555	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

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Data File : BF103211.D
Acq On : 26 Feb 2018 11:54
Operator : SJ/JU
Sample : J1398-05 2X
Misc :
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.11	12.1	ng	599264	1	6.87	988907	20.0
unknown6.64	6.64	39.3	ng	1942900	1	6.87	988907	20.0
Dimethyl phthalate	9.62	2.8	ng	172997	3	9.90	1256540	20.0
Hexadecane	10.33	3.1	ng	194398	3	9.90	1256540	20.0
Tridecane	10.80	4.9	ng	261061	4	11.40	1060520	20.0
Tridecane, 1-iodo-	11.25	2.3	ng	122728	4	11.40	1060520	20.0
Heptadecane	11.67	2.4	ng	125250	4	11.40	1060520	20.0
Hexadecanoic acid...	11.77	2.3	ng	120837	4	11.40	1060520	20.0
Anthracene, 1-met...	11.90	2.4	ng	126682	4	11.40	1060520	20.0
1H-Cyclopropa[l]p...	11.93	2.5	ng	131246	4	11.40	1060520	20.0
4H-Cyclopenta[def...	12.01	5.1	ng	272425	4	11.40	1060520	20.0
9,12-Octadecadien...	12.46	9.1	ng	480164	4	11.40	1060520	20.0
trans-13-Octadece...	12.48	6.0	ng	319553	4	11.40	1060520	20.0
Fluoranthene, 2-m...	13.17	4.0	ng	300545	5	14.04	1506820	20.0
Benzo[e]pyrene	15.21	2.9	ng	131555	6	15.53	903685	20.0