LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100296.D
Acq On : 8 Nov 2017 17:22
Operator : SJ/JU
Sample : I6305-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-110317

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	72394	70328	4.92%	0.375%
2	5.498	576	580	584	rBV	480205	407622	28.51%	2.174%
3	6.504	747	751	757	rVB	536212	439005	30.71%	2.342%
4	6.657	773	777	781	rBV	510606	435863	30.49%	2.325%
5	6.898	814	818	821	rBV	1193338	958622	67.06%	5.113%
6	7.051	840	844	847	rBV	361170	297073	20.78%	1.585%
7	7.451	908	912	916	rBV	280334	233190	16.31%	1.244%
8	8.180	1029	1036	1039	rBV	1608756	1329803	93.02%	7.093%
9	8.733	1127	1130	1133	rVB	41320	33098	2.32%	0.177%
10	8.992	1170	1174	1178	rVB	32782	29998	2.10%	0.160%
11	9.251	1214	1218	1221	rBV	581252	441992	30.92%	2.358%
12	9.516	1259	1263	1267	rBV2	22253	27787	1.94%	0.148%
13	9.592	1271	1276	1278	rVV	44350	43841	3.07%	0.234%
14	9.645	1282	1285	1289	rVV	161624	145163	10.15%	0.774%
15	9.710	1293	1296	1302	rBV4	27814	37876	2.65%	0.202%
16	9.792	1307	1310	1314	rBV	105453	95998	6.72%	0.512%
17	9.863	1316	1322	1324	rVB4	17041	26178	1.83%	0.140%
18	9.933	1327	1334	1338	rBV	1604829	1429604	100.00%	7.626%
19	9.969	1338	1340	1344	rVB	52973	42059	2.94%	0.224%
20	10.133	1363	1368	1372	rVB	53073	57528	4.02%	0.307%
21	10.174	1372	1375	1380	rBV2	29058	25499	1.78%	0.136%
22	10.245	1384	1387	1390	rBV2	31236	37983	2.66%	0.203%
23	10.339	1398	1403	1405	rBV3	35047	51396	3.60%	0.274%
24	10.480	1424	1427	1433	rVB	94148	89297	6.25%	0.476%
25	10.586	1440	1445	1449	rVB5	19440	33592	2.35%	0.179%
26	10.645	1449	1455	1457	rBV	167759	155882	10.90%	0.832%
27	10.716	1462	1467	1472	rBV	361247	308477	21.58%	1.645%
28	10.845	1484	1489	1494	rBV2	50795	63534	4.44%	0.339%
29	11.027	1515	1520	1522	rBV2	39695	47741	3.34%	0.255%
30	11.057	1522	1525	1528	rVV2	27371	29713	2.08%	0.158%
31	11.157	1537	1542	1543	rBV3	18714	25409	1.78%	0.136%
32	11.174	1543	1545	1550	rVV3	23042	28058	1.96%	0.150%
33	11.221	1550	1553	1557	rVB3	38414	38947	2.72%	0.208%
34	11.280	1557	1563	1565	rBV2	32118	44759	3.13%	0.239%

LSC Area Percent Report

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Acq On : 8 Nov 2017 17:22
Operator : SJ/JU
Sample : I6305-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-110317

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	11.316	1566	1569	1574	rVB2	71449	69459	4.86%	0.371%
36	11.421	1583	1587	1589	rBV	1576944	1381596	96.64%	7.370%
37	11.445	1589	1591	1594	rVV	576253	433993	30.36%	2.315%
38	11.492	1597	1599	1602	rVB	164659	130085	9.10%	0.694%
39	11.521	1602	1604	1608	rBV4	24313	31469	2.20%	0.168%
40	11.645	1623	1625	1628	rBV	26460	23589	1.65%	0.126%
41	11.716	1633	1637	1640	rVB2	33389	38436	2.69%	0.205%
42	11.751	1640	1643	1646	rBV2	46465	43550	3.05%	0.232%
43	11.810	1649	1653	1655	rBV	72485	59129	4.14%	0.315%
44	11.833	1655	1657	1660	rVB2	31841	30447	2.13%	0.162%
45	11.921	1668	1672	1674	rVV	142609	133519	9.34%	0.712%
46	11.945	1674	1676	1680	rVV	163712	149598	10.46%	0.798%
47	11.998	1682	1685	1687	rVV	52444	53494	3.74%	0.285%
48	12.033	1687	1691	1693	rVV2	208541	235109	16.45%	1.254%
49	12.051	1693	1694	1698	rVB	97602	78308	5.48%	0.418%
50	12.115	1699	1705	1709	rVV5	29612	42433	2.97%	0.226%
51	12.215	1719	1722	1724	rVV	74998	74983	5.25%	0.400%
52	12.233	1724	1725	1729	rVB3	46413	38494	2.69%	0.205%
53	12.363	1745	1747	1750	rVB	33937	24235	1.70%	0.129%
54	12.392	1750	1752	1754	rBV	52390	39516	2.76%	0.211%
55	12.415	1754	1756	1760	rVB2	41736	36863	2.58%	0.197%
56	12.468	1760	1765	1767	rBV	127381	134248	9.39%	0.716%
57	12.498	1767	1770	1771	rVV	239404	235985	16.51%	1.259%
58	12.515	1771	1773	1777	rVV2	339967	298498	20.88%	1.592%
59	12.551	1777	1779	1784	rVV2	73708	80495	5.63%	0.429%
60	12.598	1784	1787	1789	rVV2	41035	39554	2.77%	0.211%
61	12.633	1789	1793	1796	rVV	713210	651618	45.58%	3.476%
62	12.674	1797	1800	1802	rVV	29250	27815	1.95%	0.148%
63	12.727	1806	1809	1811	rVB	46459	44190	3.09%	0.236%
64	12.757	1811	1814	1816	rBV4	24354	25715	1.80%	0.137%
65	12.786	1816	1819	1821	rVV	35561	35196	2.46%	0.188%
66	12.863	1825	1832	1837	rBV	765439	845548	59.15%	4.510%
67	12.915	1837	1841	1844	rVB2	49002	62371	4.36%	0.333%
68	12.974	1848	1851	1853	rBV2	32871	39887	2.79%	0.213%
69	12.998	1853	1855	1862	rVB	374382	383041	26.79%	2.043%
70	13.074	1864	1868	1872	rBV3	79437	121943	8.53%	0.650%
71	13.162	1880	1883	1885	rBV2	65100	85924	6.01%	0.458%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I6305-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-110317

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.186	1885	1887	1891	rVB	132036	106571	7.45%	0.568%
73	13.251	1893	1898	1901	rVV2	89754	99778	6.98%	0.532%
74	13.292	1901	1905	1908	rVV2	129791	136710	9.56%	0.729%
75	13.321	1908	1910	1912	rVV3	25811	25948	1.82%	0.138%
76	13.357	1913	1916	1918	rVV3	31261	38030	2.66%	0.203%
77	13.386	1918	1921	1923	rVV	95893	93363	6.53%	0.498%
78	13.415	1923	1926	1929	rVV	93177	99113	6.93%	0.529%
79	13.451	1929	1932	1935	rVB4	30102	35077	2.45%	0.187%
80	13.574	1949	1953	1957	rBV5	20118	42275	2.96%	0.226%
81	13.692	1970	1973	1977	rVB	56005	62704	4.39%	0.334%
82	13.804	1987	1992	1995	rBV3	62757	104821	7.33%	0.559%
83	13.833	1995	1997	1999	rVV	58206	46386	3.24%	0.247%
84	13.857	1999	2001	2005	rVV2	52830	63965	4.47%	0.341%
85	13.898	2005	2008	2013	rVB3	55683	71530	5.00%	0.382%
86	14.057	2030	2035	2038	rBV2	1168218	1347823	94.28%	7.190%
87	14.080	2038	2039	2044	rVB	287292	207114	14.49%	1.105%
88	14.162	2051	2053	2055	rBV2	31719	28576	2.00%	0.152%
89	14.404	2092	2094	2096	rBV	31296	24081	1.68%	0.128%
90	14.439	2098	2100	2104	rVV	87056	87999	6.16%	0.469%
91	14.474	2104	2106	2109	rVB	45656	40300	2.82%	0.215%
92	14.568	2119	2122	2124	rBV	45824	49757	3.48%	0.265%
93	14.833	2165	2167	2169	rBV3	41748	38446	2.69%	0.205%
94	15.098	2208	2212	2216	rBV	222880	371334	25.97%	1.981%
95	15.209	2228	2231	2236	rVB	57472	73518	5.14%	0.392%
96	15.409	2262	2265	2269	rVB	144845	161797	11.32%	0.863%
97	15.468	2271	2275	2279	rBV	218060	274656	19.21%	1.465%
98	15.539	2282	2287	2290	rBV	730293	880512	61.59%	4.697%
99	17.021	2534	2539	2548	rVB2	88794	183347	12.83%	0.978%
100	17.468	2611	2615	2621	rVB	73011	128144	8.96%	0.684%

Sum of corrected areas: 18746923

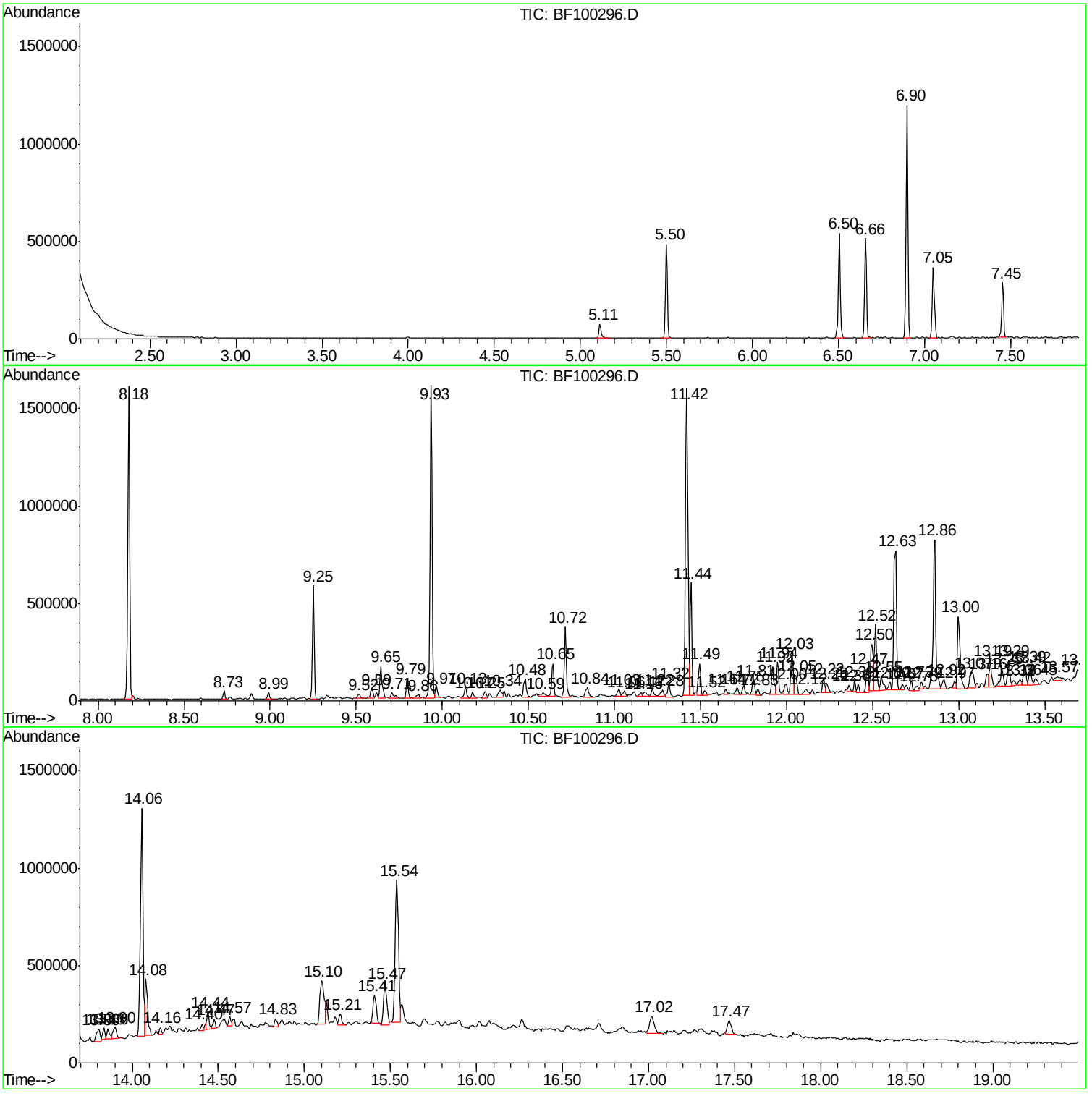
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100296.D
Acq On : 8 Nov 2017 17:22
Operator : SJ/JU
Sample : I6305-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-110317

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

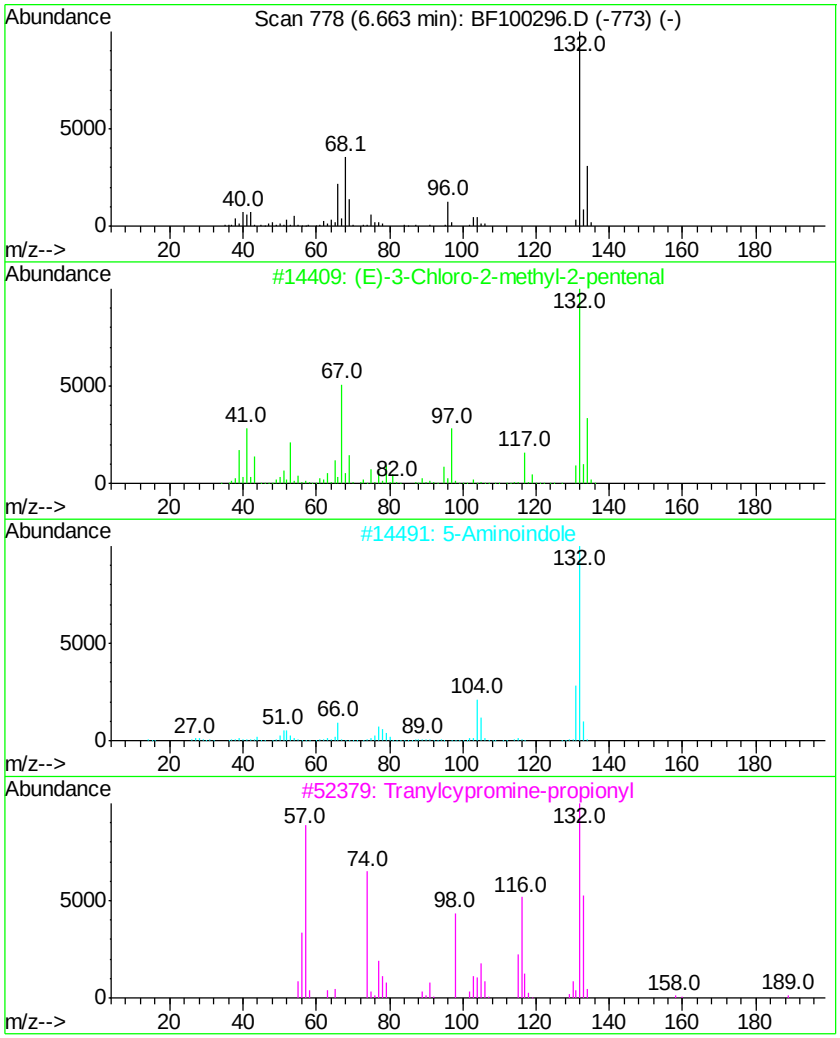
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

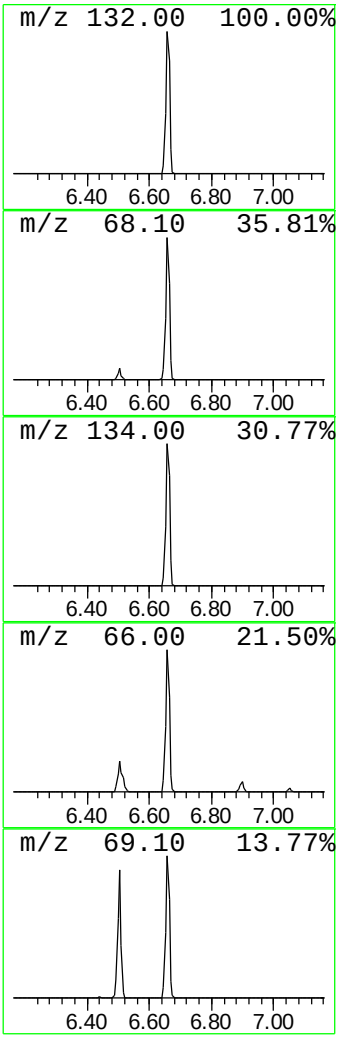
****

Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	9.09 ng	435863	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Sample : I6305-01 10X
Misc :
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Instrument : BNA_F
ClientSampleId : PL-01-110317

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

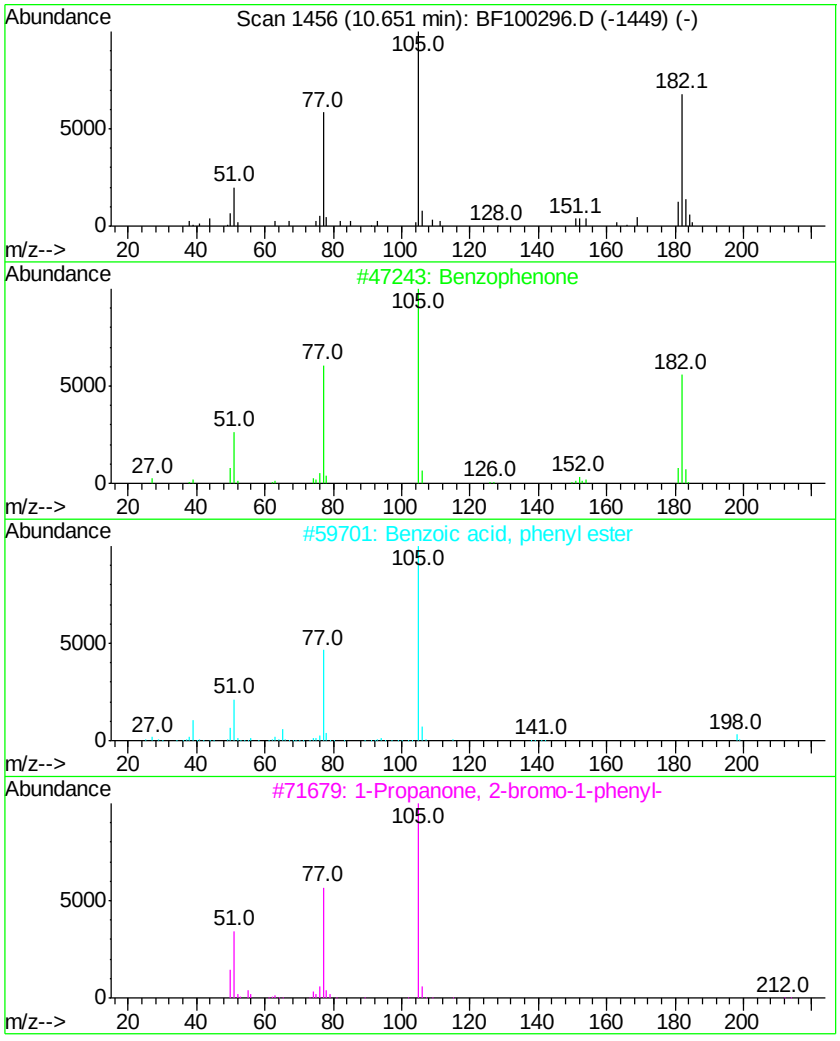
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

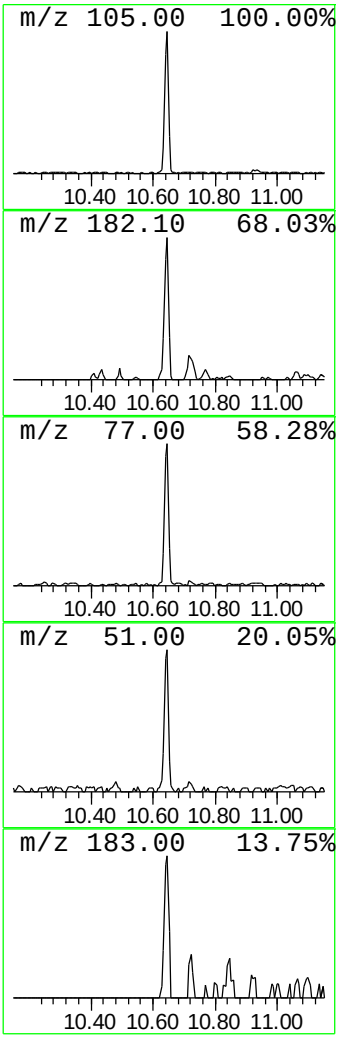
****

Peak Number 3 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.18 ng	155882	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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TIC Library : C:\DATABASE\NIST11.L
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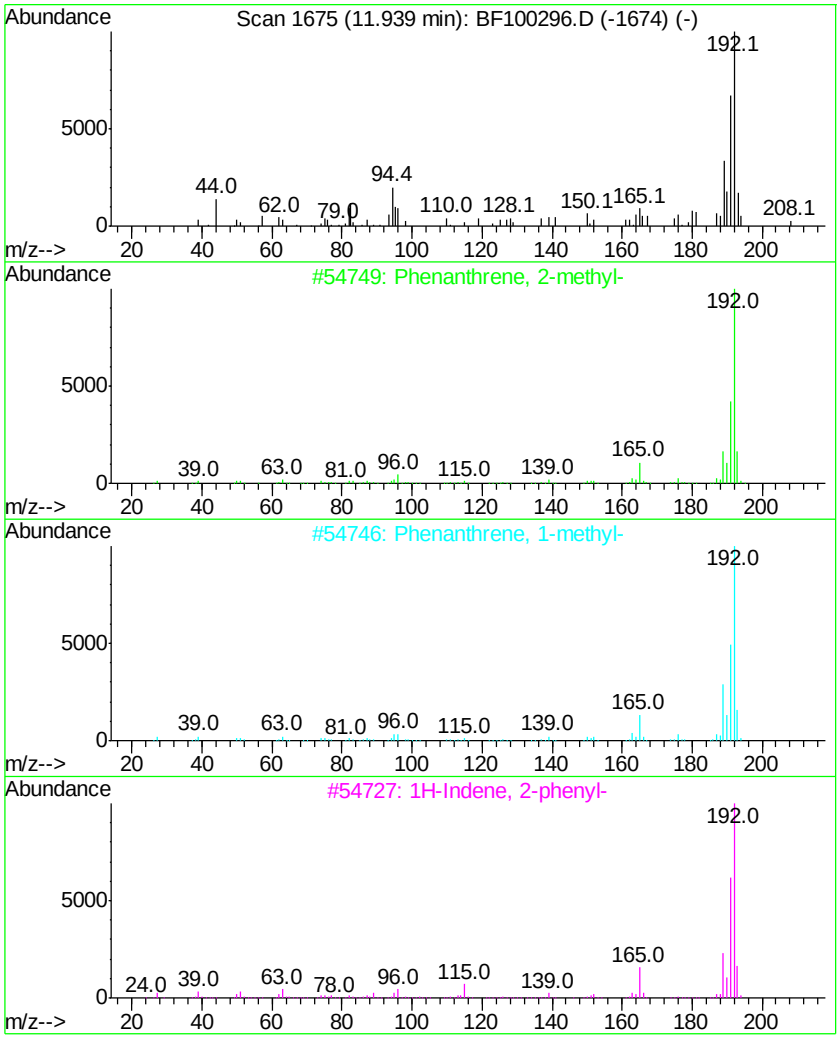
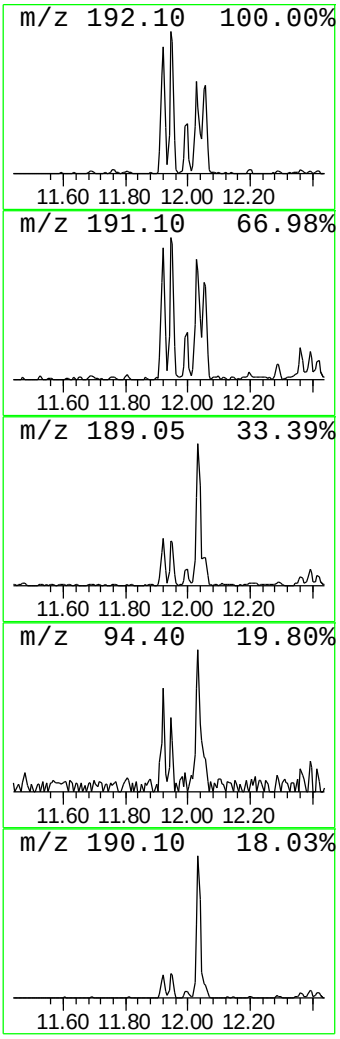
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.17 ng	149598	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Instrument : BNA_F
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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

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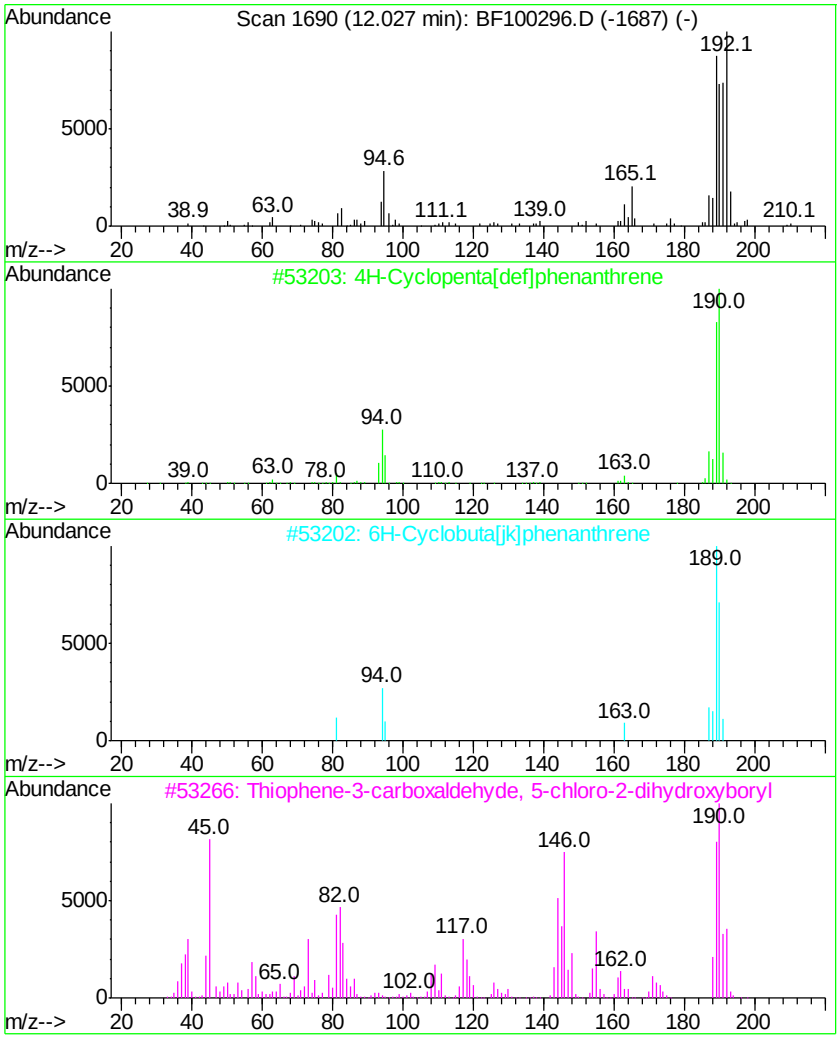
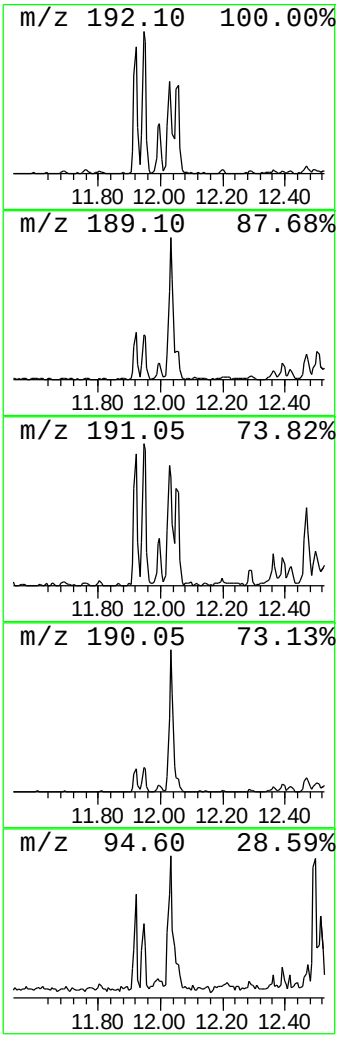
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.40 ng	235109	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	14





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100296.D
Acq On : 8 Nov 2017 17:22
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Sample : I6305-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-110317

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

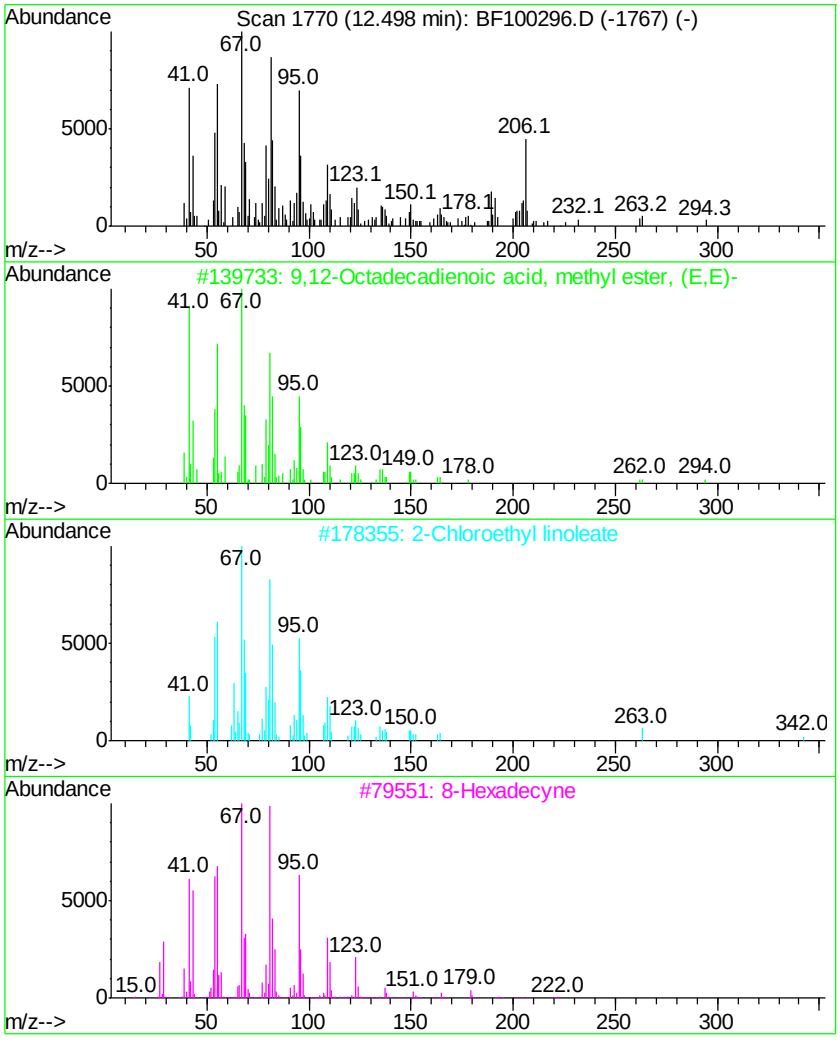
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

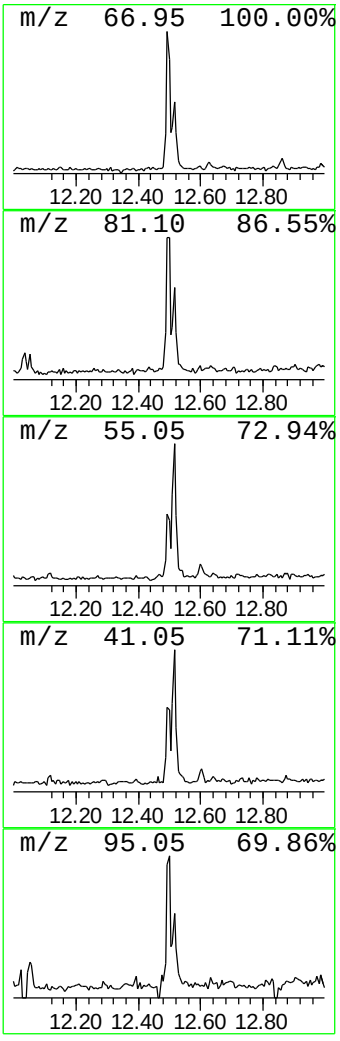
****

Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.42 ng	235985	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	96
2	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	76
3	8-Hexadecyne	222	C16H30	019781-86-3	68
4	7-Hexadecyne	222	C16H30	074685-28-2	64
5	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	62





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Acq On : 8 Nov 2017 17:22
Operator : SJ/JU
Sample : I6305-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-110317

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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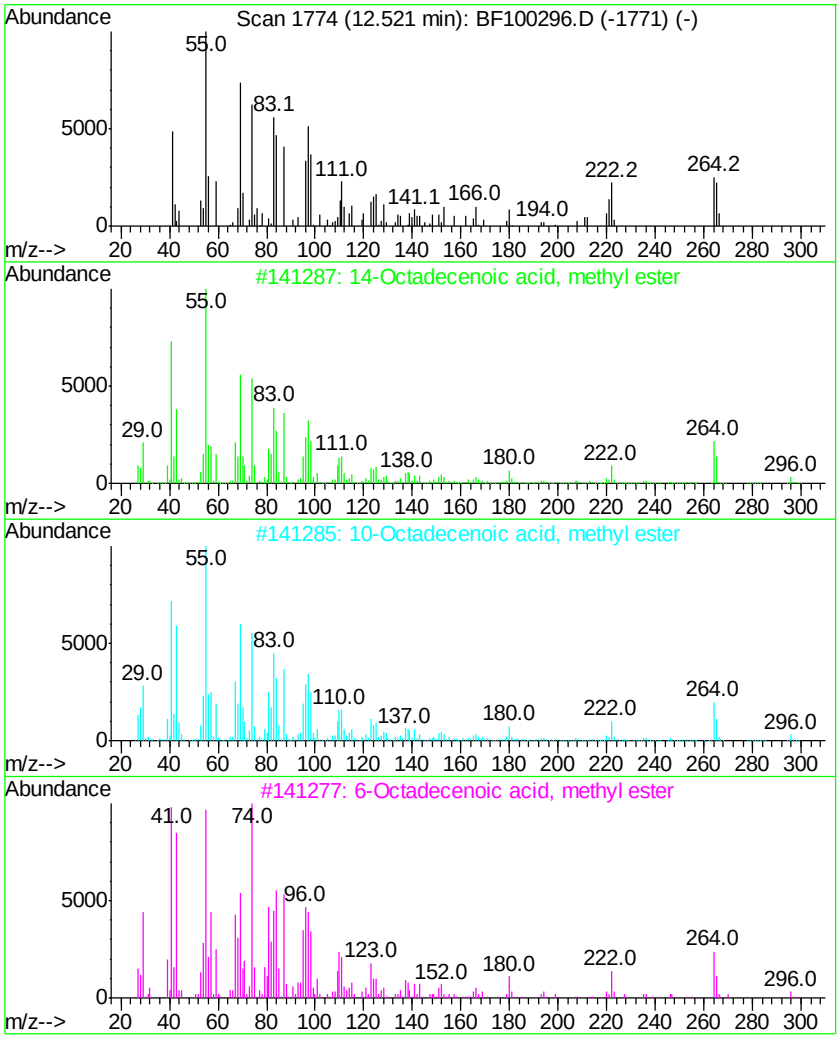
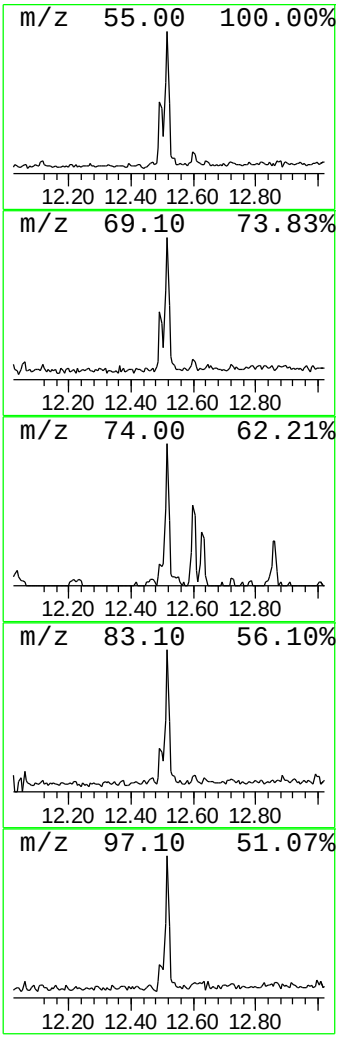
Peak Number 7 14-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	4.32 ng	298498	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	86
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	83
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	83





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Data File : BF100296.D
Acq On : 8 Nov 2017 17:22
Operator : SJ/JU
Sample : I6305-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-110317

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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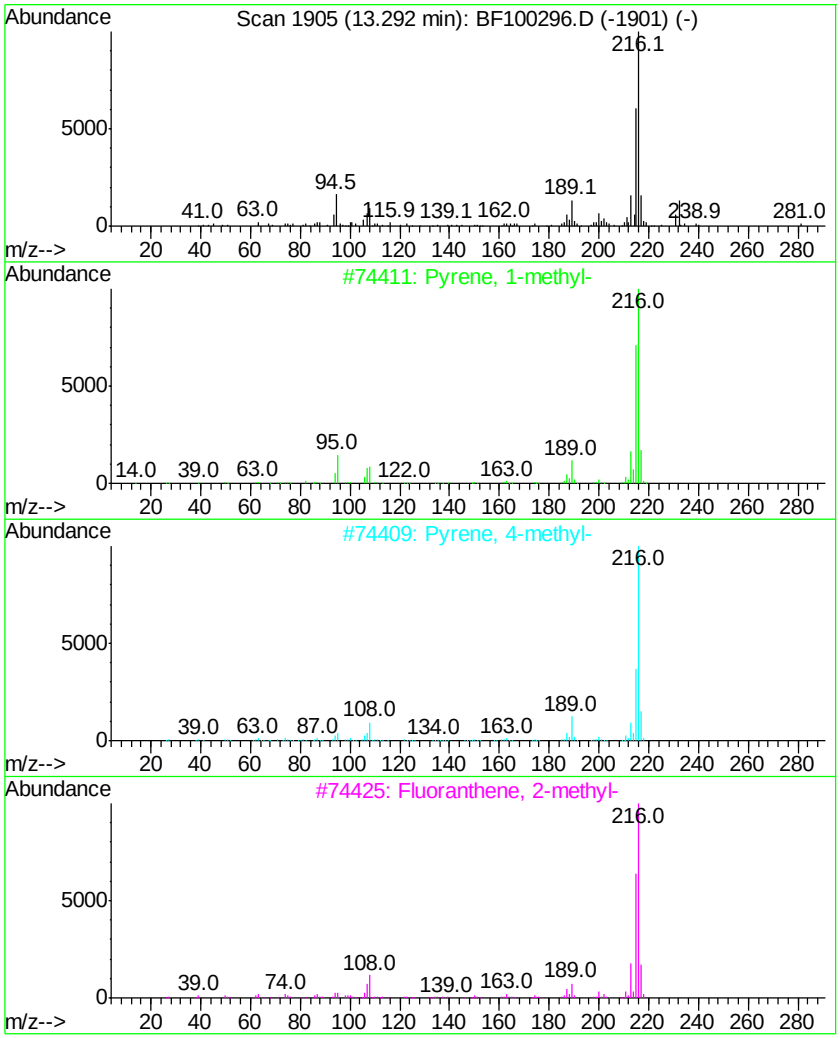
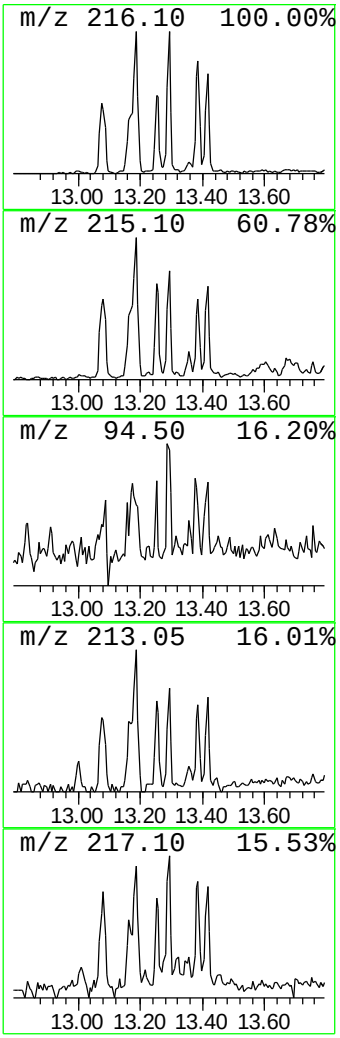
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.03 ng	136710	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	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF110817\
Data File : BF100296.D
Acq On : 8 Nov 2017 17:22
Operator : SJ/JU
Sample : I6305-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-110317

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	9.1	ng	435863	1	6.90	958622	20.0
Benzophenone	10.65	2.2	ng	155882	3	9.93	1429600	20.0
Phenanthrene, 2-m...	11.94	2.2	ng	149598	4	11.42	1381600	20.0
4H-Cyclopenta[def...	12.03	3.4	ng	235109	4	11.42	1381600	20.0
9,12-Octadecadien...	12.50	3.4	ng	235985	4	11.42	1381600	20.0
14-Octadecenoic a...	12.52	4.3	ng	298498	4	11.42	1381600	20.0
Pyrene, 1-methyl-	13.29	2.0	ng	136710	5	14.06	1347820	20.0