LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100504.D
Acq On : 13 Nov 2017 16:23
Operator : SJ/JU
Sample : I6409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-110917-01

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: BF100505.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.004	316	326	330	rBV	1819008	2498826	77.00%	4.765%
2	5.116	511	515	521	rBV	307787	332190	10.24%	0.633%
3	5.387	556	561	564	rBV	1058022	983470	30.31%	1.875%
4	5.492	574	579	580	rBV	1462901	1581721	48.74%	3.016%
5	5.510	580	582	583	rVV	256946	327298	10.09%	0.624%
6	5.745	618	622	625	rBV	594615	495335	15.26%	0.945%
7	6.416	733	736	739	rBV	196235	156407	4.82%	0.298%
8	6.445	739	741	744	rVV2	100623	86155	2.65%	0.164%
9	6.516	746	753	759	rVB	1638037	1975140	60.87%	3.767%
10	6.663	773	778	784	rVB	1878310	1894579	58.38%	3.613%
11	6.716	784	787	790	rBV	282013	222182	6.85%	0.424%
12	6.892	813	817	820	rVB	637390	527064	16.24%	1.005%
13	7.045	840	843	846	rVV	1492368	1298183	40.00%	2.476%
14	7.286	881	884	887	rVV2	84469	100768	3.11%	0.192%
15	7.451	908	912	915	rVB	1154978	1114524	34.35%	2.125%
16	8.075	1015	1018	1021	rBV	120921	118375	3.65%	0.226%
17	8.175	1031	1035	1037	rBV	703971	664981	20.49%	1.268%
18	8.192	1037	1038	1041	rVB	181950	105668	3.26%	0.202%
19	8.722	1124	1128	1132	rBV	89465	89362	2.75%	0.170%
20	9.245	1212	1217	1220	rVB	1915611	1680204	51.78%	3.204%
21	9.633	1281	1283	1287	rVV2	188800	185037	5.70%	0.353%
22	9.786	1306	1309	1312	rBV	230812	181139	5.58%	0.345%
23	9.927	1324	1333	1336	rBV	880974	778657	24.00%	1.485%
24	9.957	1336	1338	1341	rVB	107982	86803	2.67%	0.166%
25	10.127	1362	1367	1370	rVV3	104818	128494	3.96%	0.245%
26	10.474	1422	1426	1431	rVB	170521	178873	5.51%	0.341%
27	10.639	1447	1454	1459	rVB2	203026	238679	7.36%	0.455%
28	10.716	1461	1467	1470	rBV	1423420	1296912	39.97%	2.473%
29	10.833	1483	1487	1494	rVB3	133889	209535	6.46%	0.400%
30	11.021	1513	1519	1521	rBV3	105634	135449	4.17%	0.258%
31	11.145	1536	1540	1542	rBV3	94648	106812	3.29%	0.204%
32	11.169	1542	1544	1550	rVV2	90296	120215	3.70%	0.229%
33	11.268	1555	1561	1564	rVV3	128227	194025	5.98%	0.370%
34	11.310	1564	1568	1573	rVB2	131605	148328	4.57%	0.283%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100504.D
Acq On : 13 Nov 2017 16:23
Operator : SJ/JU
Sample : I6409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-110917-01

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	11.416	1582	1586	1588	rBV	770448	755222	23.27%	1.440%
36	11.439	1588	1590	1593	rVV	1670382	1527881	47.08%	2.914%
37	11.492	1596	1599	1601	rVB	583138	493569	15.21%	0.941%
38	11.698	1631	1634	1638	rVV3	68148	100104	3.08%	0.191%
39	11.916	1668	1671	1673	rBV	286076	296549	9.14%	0.566%
40	11.945	1673	1676	1679	rVB	445116	430838	13.28%	0.822%
41	11.992	1679	1684	1686	rBV	217110	229607	7.08%	0.438%
42	12.027	1686	1690	1692	rVV2	564689	600728	18.51%	1.146%
43	12.051	1692	1694	1697	rVB	199657	161662	4.98%	0.308%
44	12.104	1699	1703	1707	rVV4	77014	104748	3.23%	0.200%
45	12.210	1718	1721	1723	rBV	266964	215453	6.64%	0.411%
46	12.386	1749	1751	1753	rBV	102694	90551	2.79%	0.173%
47	12.410	1753	1755	1758	rVB	105142	98661	3.04%	0.188%
48	12.463	1760	1764	1767	rBV	285116	307401	9.47%	0.586%
49	12.498	1767	1770	1773	rVV2	154458	203515	6.27%	0.388%
50	12.551	1776	1779	1784	rVB3	172180	200211	6.17%	0.382%
51	12.639	1788	1794	1797	rBV	2944810	3089169	95.20%	5.891%
52	12.721	1805	1808	1811	rVB	117356	100010	3.08%	0.191%
53	12.868	1826	1833	1837	rBV2	2476094	3245064	100.00%	6.188%
54	12.904	1837	1839	1844	rVB2	198782	239124	7.37%	0.456%
55	12.974	1844	1851	1852	rBV	246156	269318	8.30%	0.514%
56	12.998	1852	1855	1862	rVB	1156912	1114318	34.34%	2.125%
57	13.074	1862	1868	1872	rBV3	262184	474744	14.63%	0.905%
58	13.157	1879	1882	1884	rBV3	173098	204295	6.30%	0.390%
59	13.186	1884	1887	1890	rVB	610724	543241	16.74%	1.036%
60	13.221	1890	1893	1895	rBV3	72531	85353	2.63%	0.163%
61	13.251	1895	1898	1900	rBV	508807	412650	12.72%	0.787%
62	13.286	1900	1904	1907	rVV2	317649	339885	10.47%	0.648%
63	13.380	1917	1920	1922	rBV	149179	113440	3.50%	0.216%
64	13.410	1922	1925	1928	rBV2	150067	152876	4.71%	0.292%
65	13.562	1947	1951	1953	rBV3	96852	122447	3.77%	0.234%
66	13.586	1953	1955	1957	rVV2	117399	125523	3.87%	0.239%
67	13.604	1957	1958	1961	rVV	105875	84792	2.61%	0.162%
68	13.662	1965	1968	1970	rBV3	94167	117614	3.62%	0.224%
69	13.692	1970	1973	1977	rVB	181511	230453	7.10%	0.439%
70	13.804	1987	1992	1994	rBV3	282539	308222	9.50%	0.588%
71	13.833	1994	1997	1999	rVV	287668	281126	8.66%	0.536%

LSC Area Percent Report

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Acq On : 13 Nov 2017 16:23
Operator : SJ/JU
Sample : I6409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-110917-01

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	13.857	1999	2001	2004	rVV2	252306	323108	9.96%	0.616%
73	13.898	2004	2008	2014	rVB3	212749	308887	9.52%	0.589%
74	13.974	2018	2021	2027	rVV3	74271	114080	3.52%	0.218%
75	14.051	2027	2034	2037	rVV3	1758639	2583760	79.62%	4.927%
76	14.086	2037	2040	2047	rVV	1527903	1533598	47.26%	2.925%
77	14.162	2050	2053	2056	rVV	355920	313586	9.66%	0.598%
78	14.198	2057	2059	2063	rVV4	110981	193960	5.98%	0.370%
79	14.239	2064	2066	2069	rVV	140219	149182	4.60%	0.284%
80	14.268	2069	2071	2076	rVV2	152824	233357	7.19%	0.445%
81	14.439	2096	2100	2103	rVV	343371	385383	11.88%	0.735%
82	14.474	2103	2106	2108	rVV	188758	172252	5.31%	0.328%
83	14.533	2110	2116	2119	rVV3	183909	319274	9.84%	0.609%
84	14.562	2119	2121	2123	rVV	205571	201501	6.21%	0.384%
85	14.586	2123	2125	2129	rVV2	244852	231792	7.14%	0.442%
86	14.633	2129	2133	2138	rVB4	112284	183315	5.65%	0.350%
87	14.751	2149	2153	2155	rBV3	93524	126826	3.91%	0.242%
88	14.827	2163	2166	2169	rBV4	72179	87358	2.69%	0.167%
89	15.109	2208	2214	2217	rBV	1082393	1883954	58.06%	3.593%
90	15.209	2228	2231	2235	rVB	284868	289010	8.91%	0.551%
91	15.304	2243	2247	2248	rBV2	88662	118612	3.66%	0.226%
92	15.415	2261	2266	2271	rVB	605275	864651	26.65%	1.649%
93	15.480	2271	2277	2282	rBV	982821	1269215	39.11%	2.420%
94	15.539	2282	2287	2290	rBV	373425	511912	15.78%	0.976%
95	15.568	2290	2292	2299	rVB2	319468	423336	13.05%	0.807%
96	16.103	2380	2383	2388	rVB	65758	87794	2.71%	0.167%
97	17.033	2534	2541	2549	rVB2	398599	824787	25.42%	1.573%
98	17.203	2566	2570	2575	rVB	81433	138434	4.27%	0.264%
99	17.486	2611	2618	2630	rVB	265621	603557	18.60%	1.151%
100	17.715	2651	2657	2671	rVB2	99260	250271	7.71%	0.477%

Sum of corrected areas: 52438506

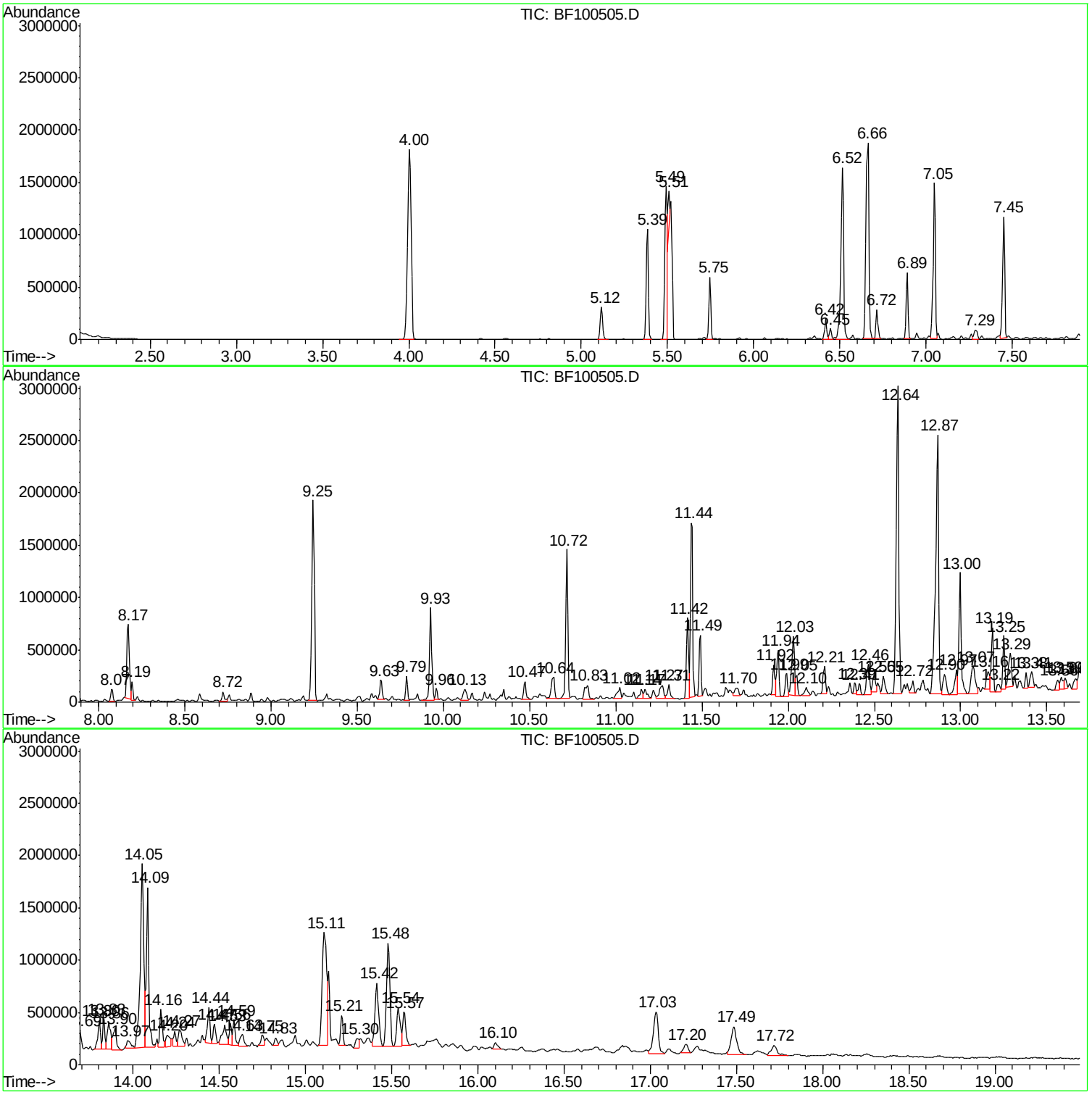
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100504.D
Acq On : 13 Nov 2017 16:23
Operator : SJ/JU
Sample : I6409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-110917-01

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\BF111317\
Data File : BF100504.D
Acq On : 13 Nov 2017 16:23
Operator : SJ/JU
Sample : I6409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-110917-01

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

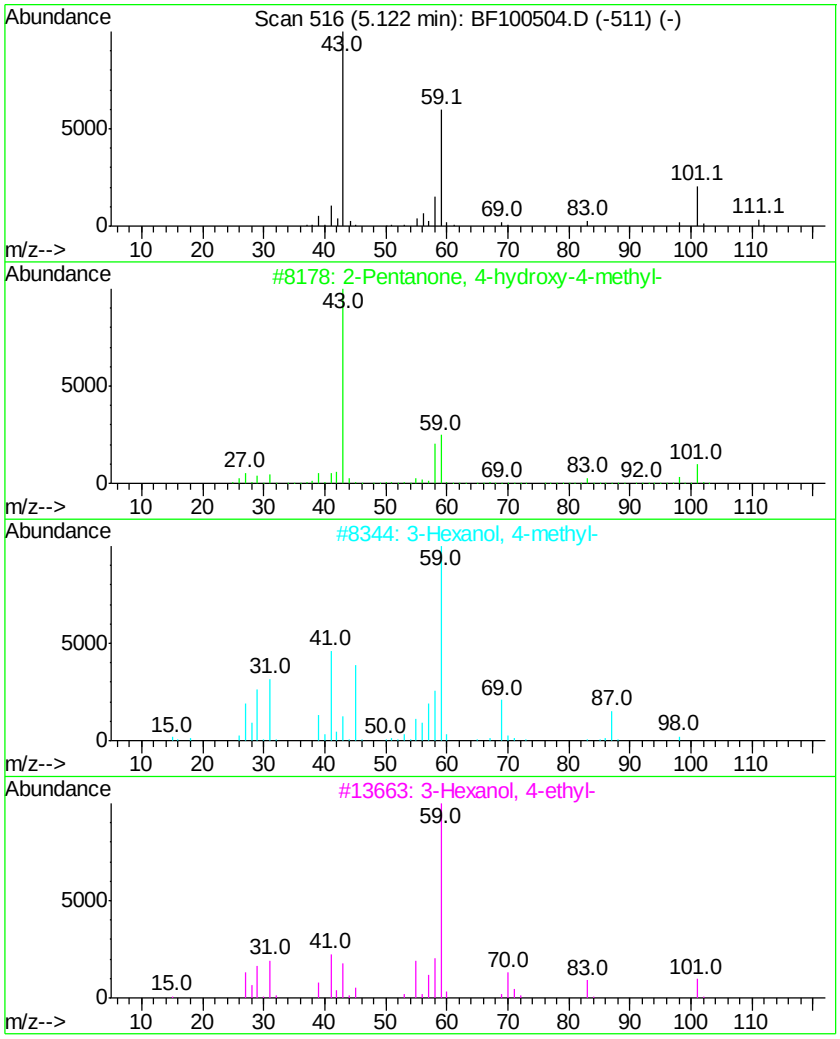
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

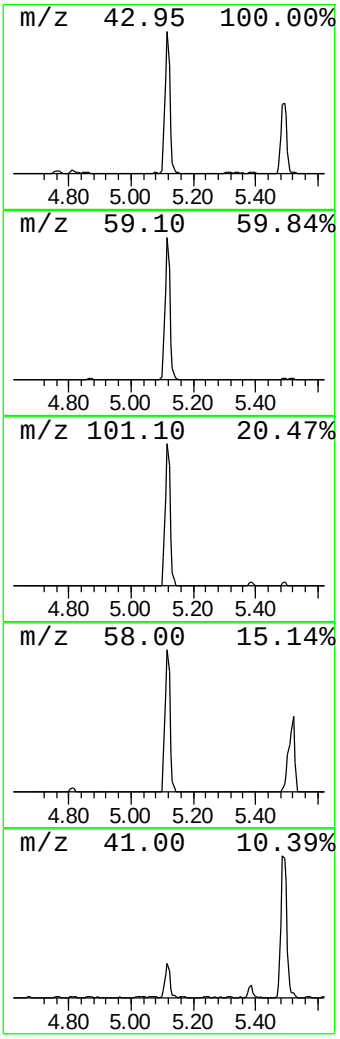
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	12.61 ng	332190	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100504.D
Acq On : 13 Nov 2017 16:23
Operator : SJ/JU
Sample : I6409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-110917-01

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

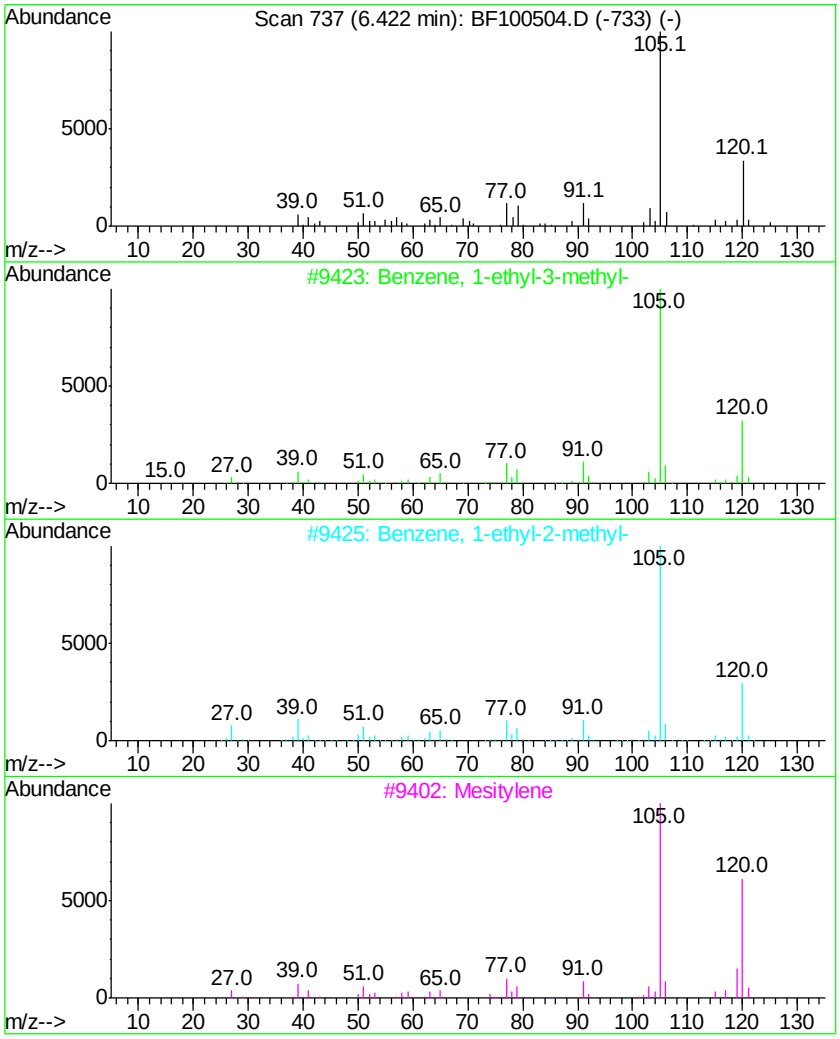
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

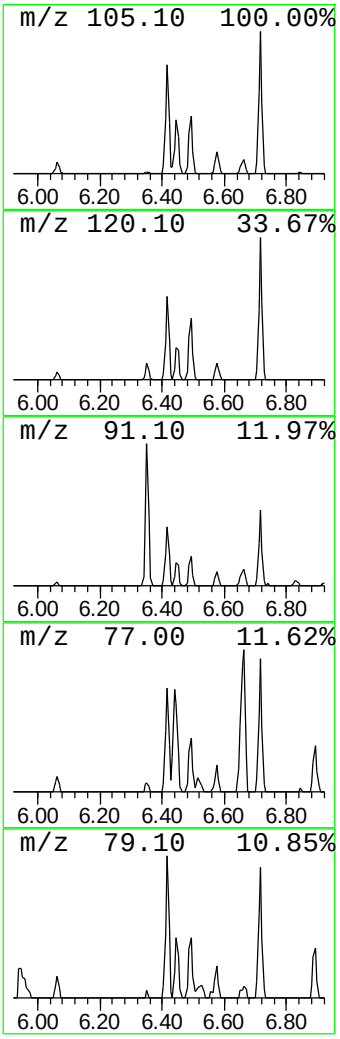
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	5.94 ng	156407	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100504.D
Acq On : 13 Nov 2017 16:23
Operator : SJ/JU
Sample : I6409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-110917-01

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

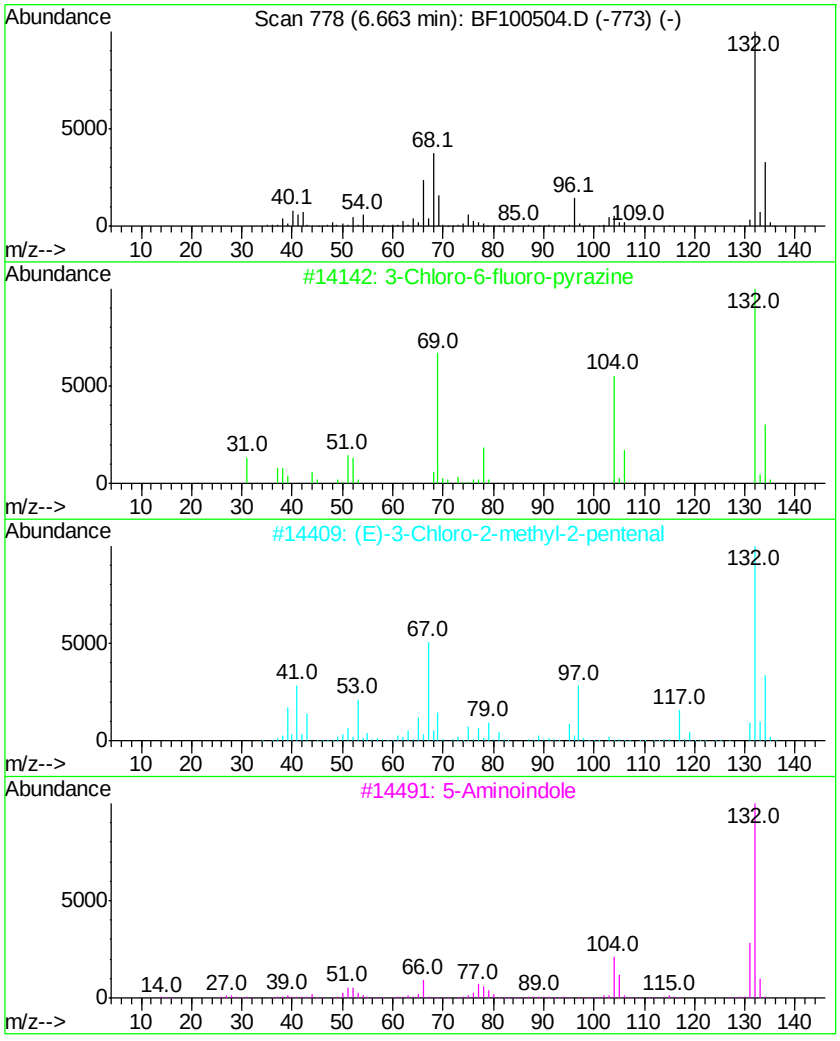
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

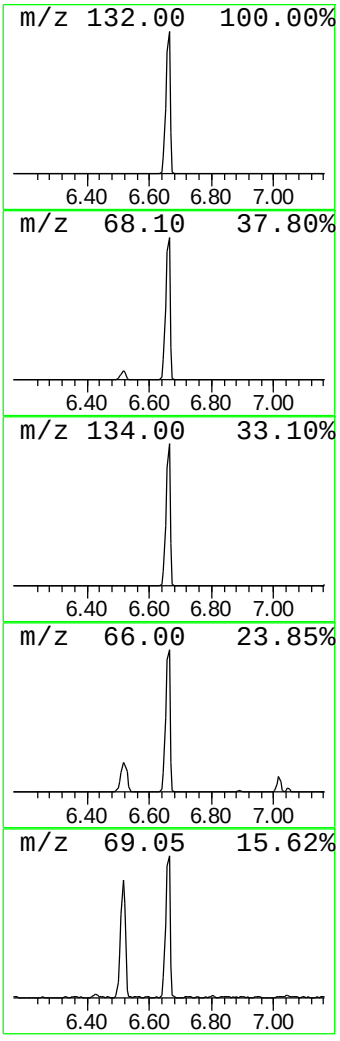
****

Peak Number 6 unknown6.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	71.89 ng	1894580	1,4-Dichlorobenzene-d4	6.89

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BF100504.D
Acq On : 13 Nov 2017 16:23
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Sample : I6409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-110917-01

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

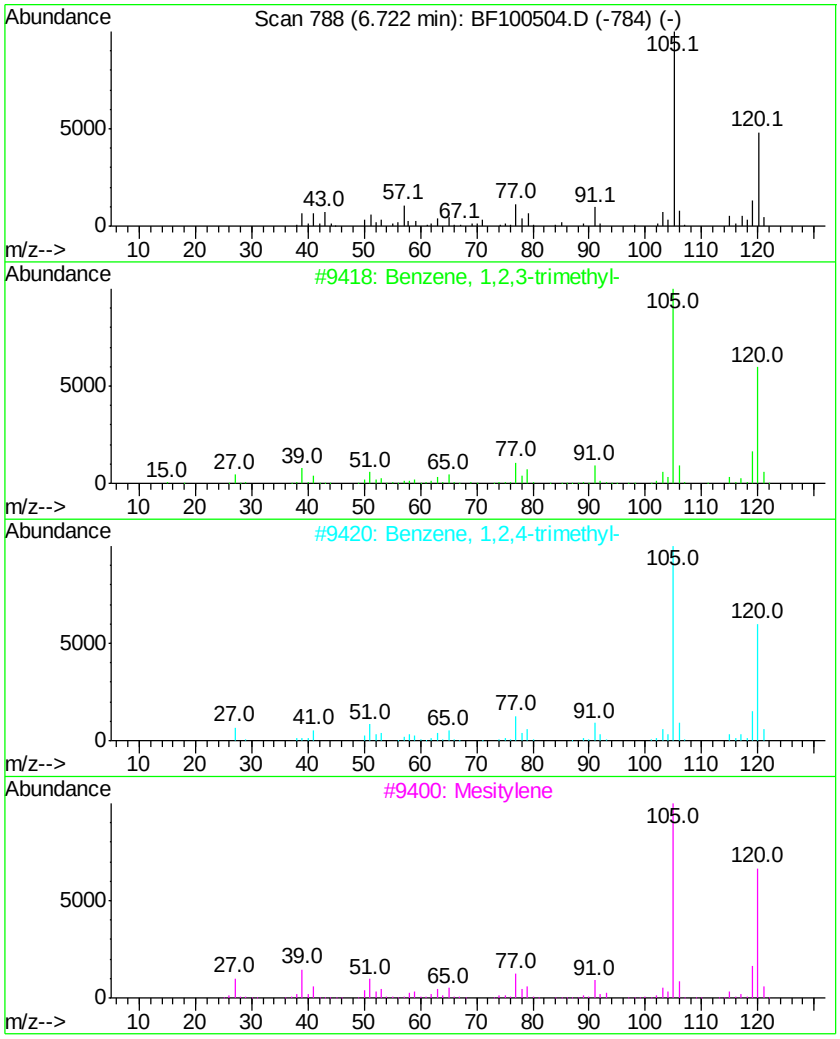
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

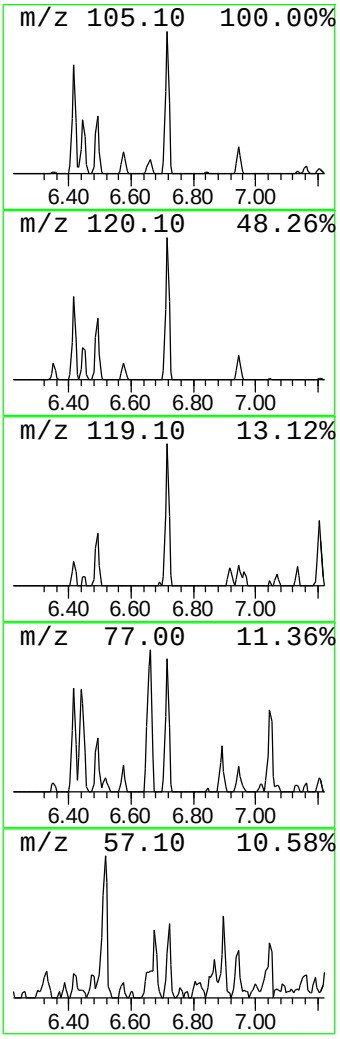
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	8.43 ng	222182	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100504.D
Acq On : 13 Nov 2017 16:23
Operator : SJ/JU
Sample : I6409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-110917-01

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

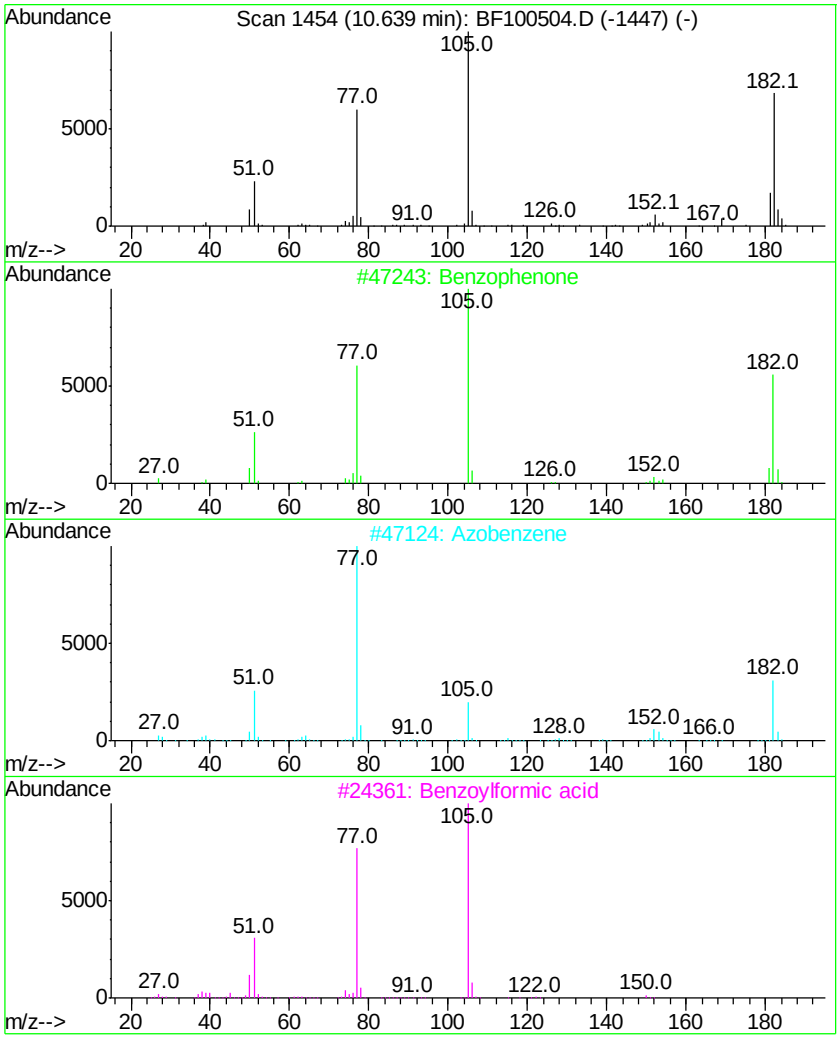
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

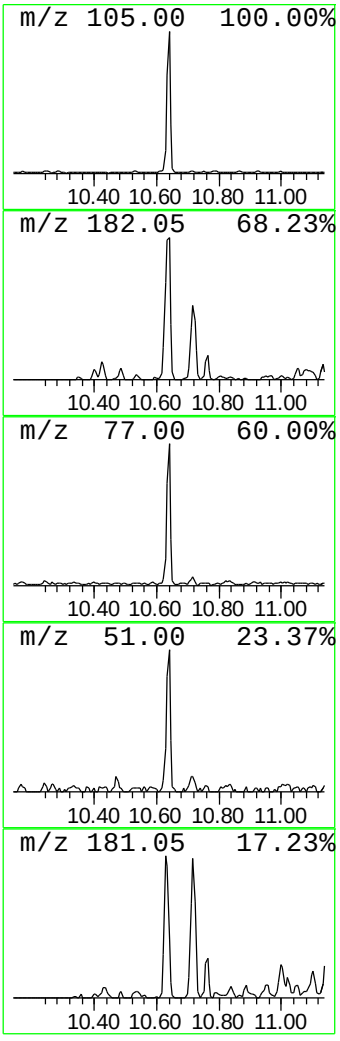
****

Peak Number 9 Benzophenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	6.13 ng	238679	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzoylformic acid	150	C8H6O3	000611-73-4	49
4	Phenyl 3-pyridyl ketone	183	C12H9NO	005424-19-1	47
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46





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Acq On : 13 Nov 2017 16:23
Operator : SJ/JU
Sample : I6409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-110917-01

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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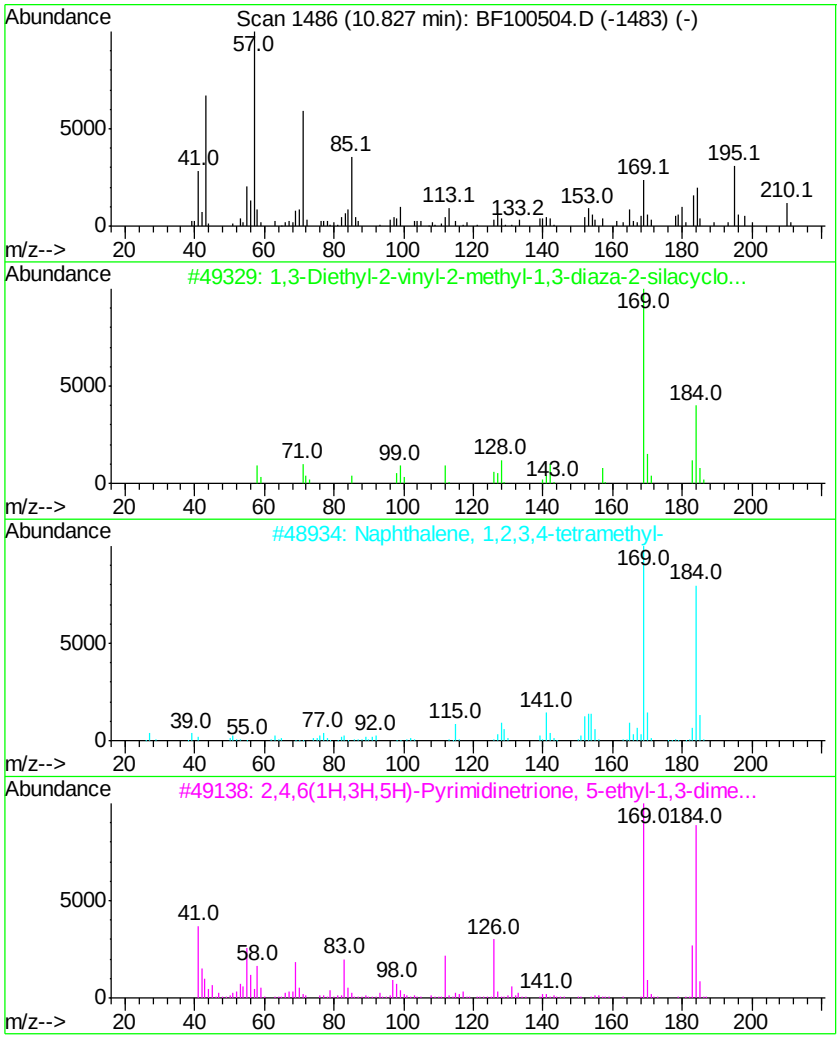
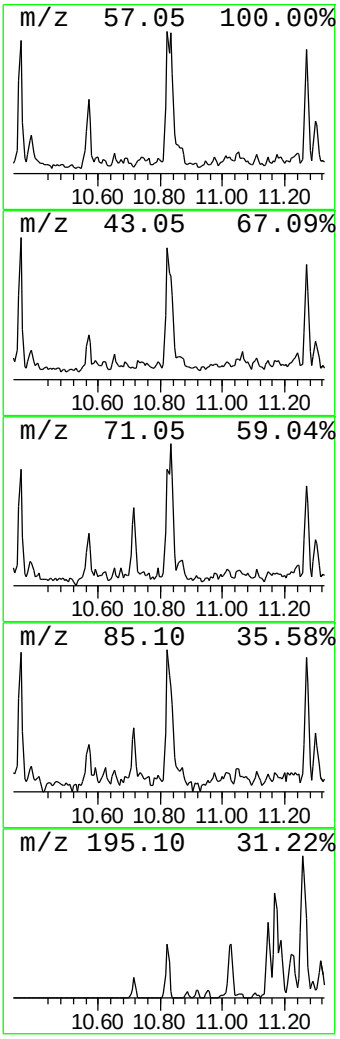
Peak Number 10 1,3-Diethyl-2-vinyl-2-methy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	5.55 ng	209535	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diethyl-2-vinyl-2-methyl-1,3...	184	C9H20N2Si	051169-45-0	58
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	50
3	2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	007391-61-9	46
4	Chamazulene	184	C14H16	000529-05-5	46
5	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	45





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-110917-01

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

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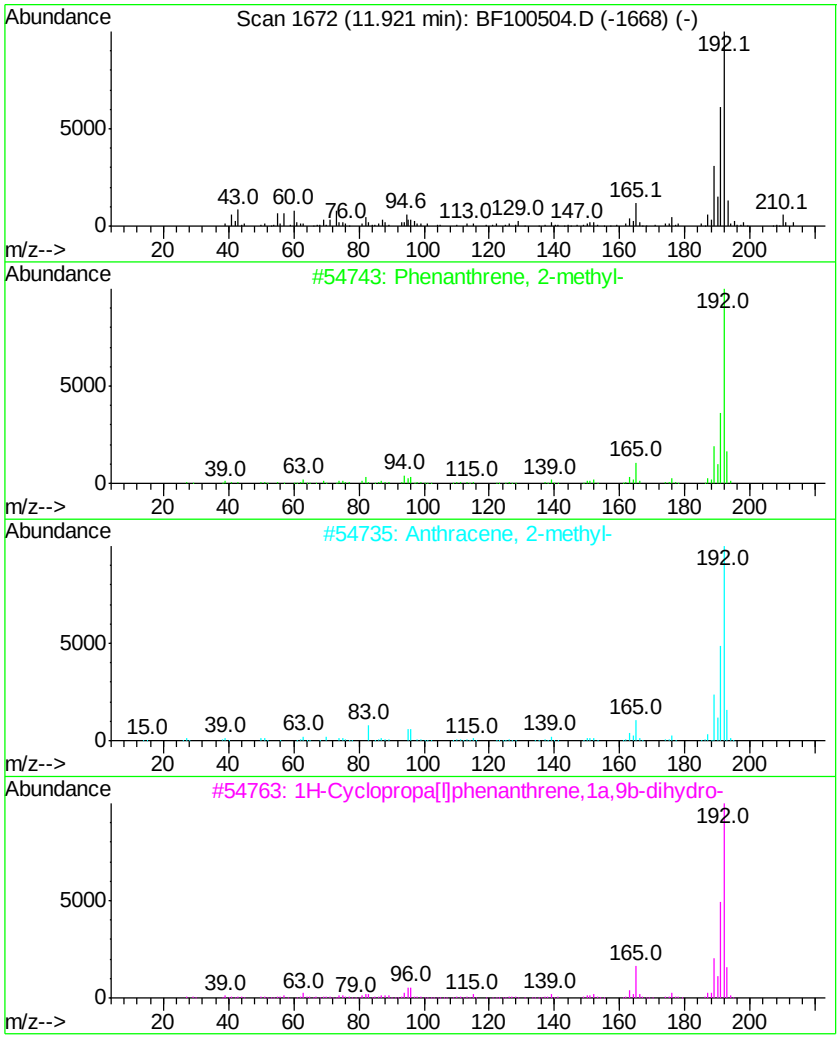
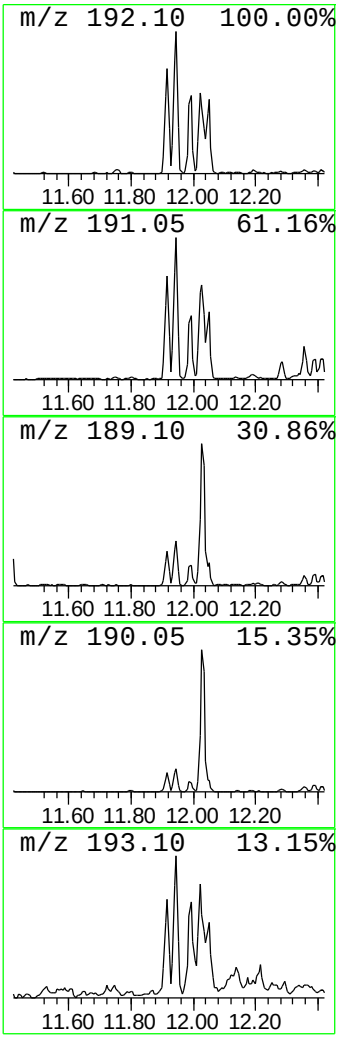
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	7.85 ng	296549	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Library Search Compound Report

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Sample : I6409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-110917-01

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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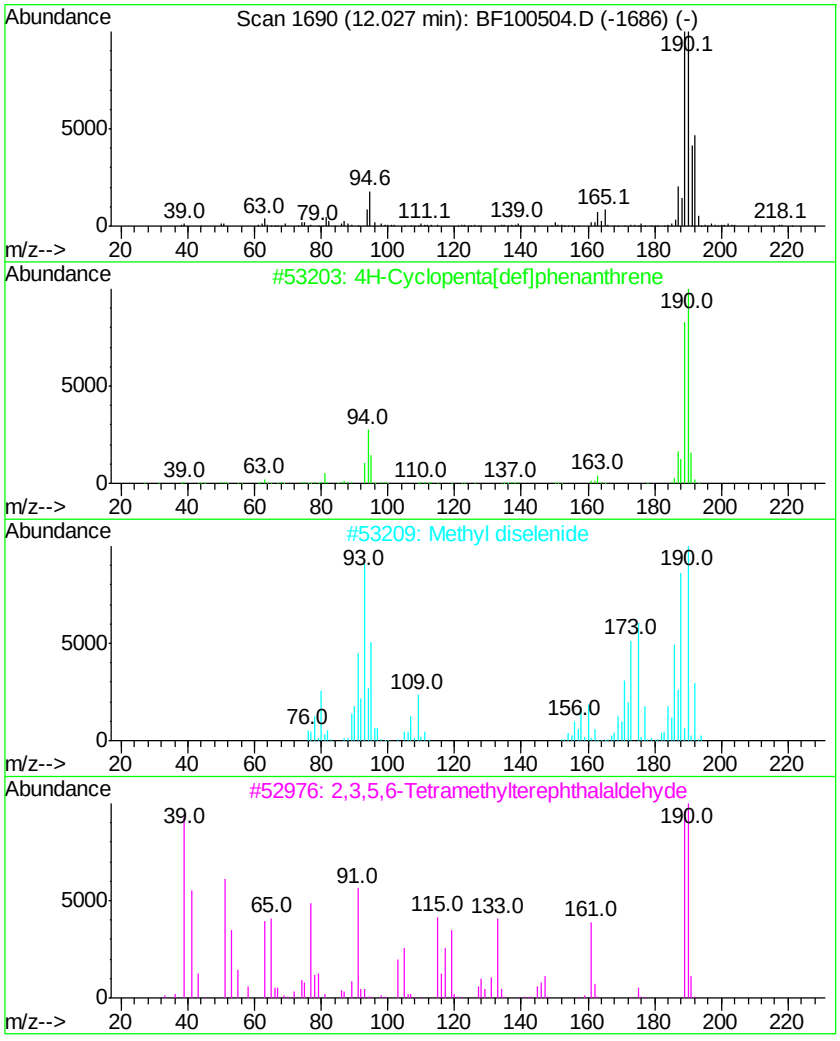
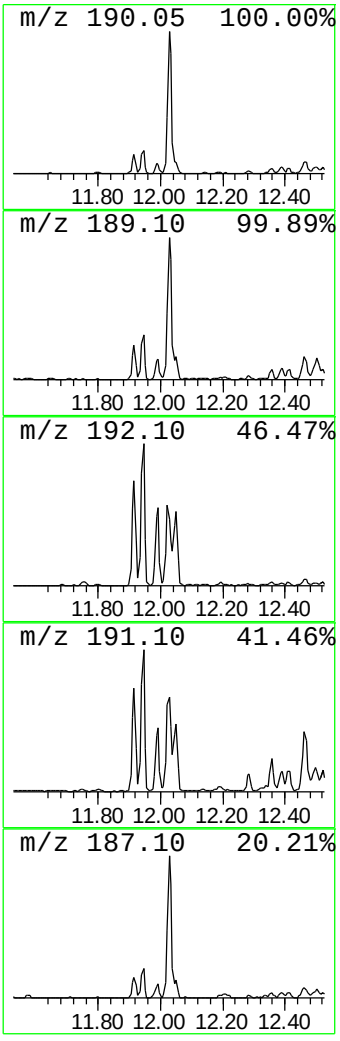
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	15.91 ng	600728	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40





Library Search Compound Report

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Sample : I6409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-110917-01

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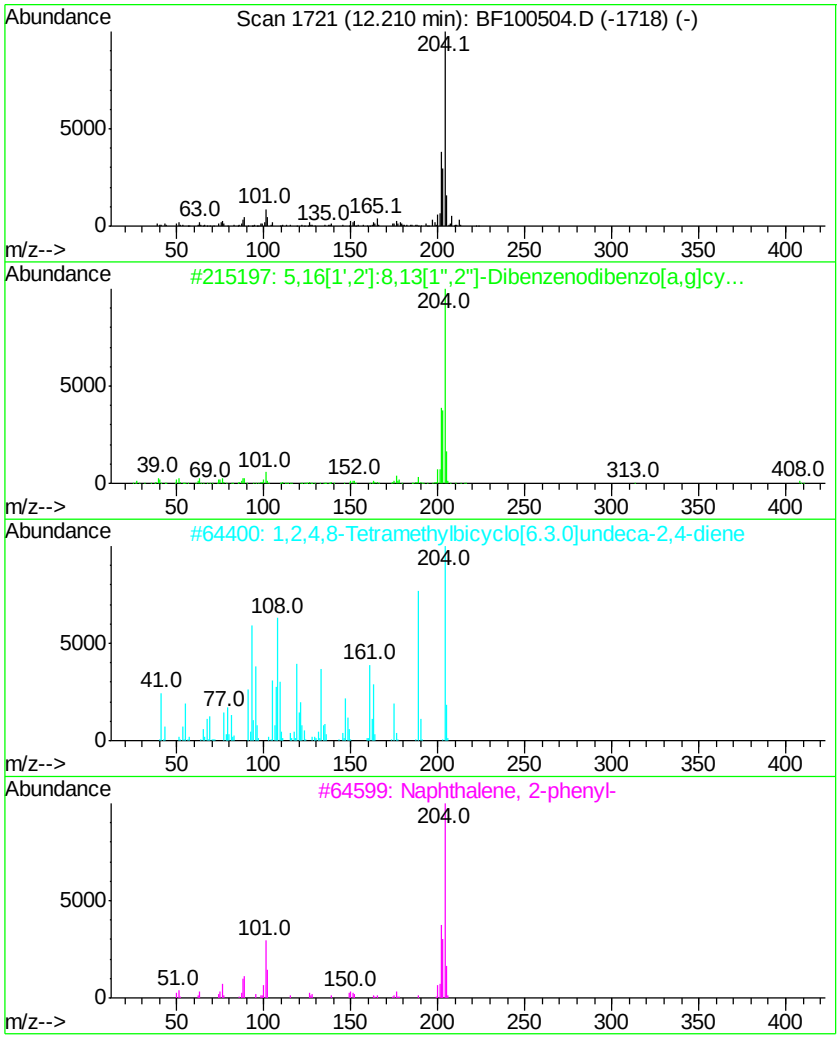
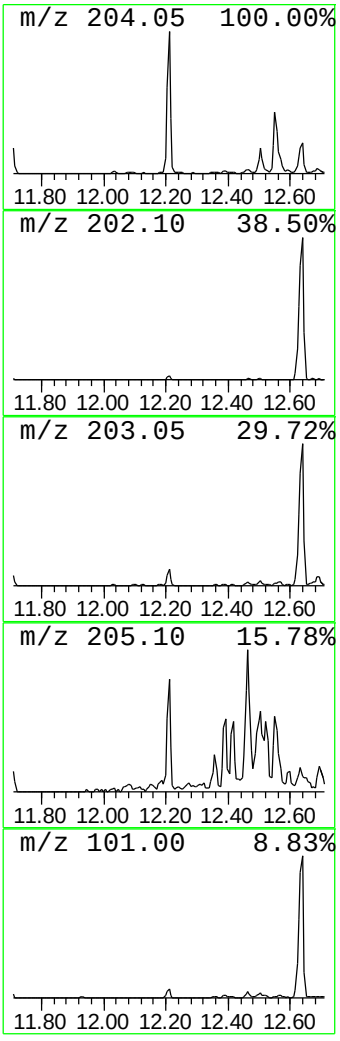
Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	5.71 ng	215453	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50





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Sample : I6409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
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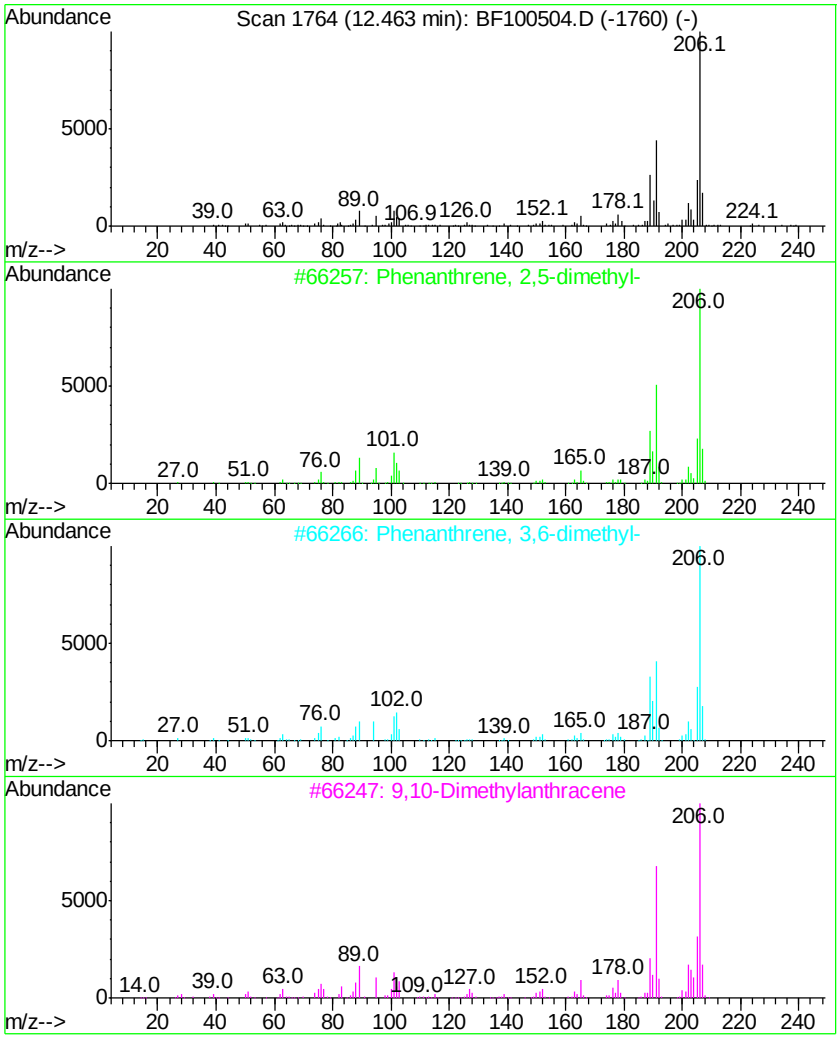
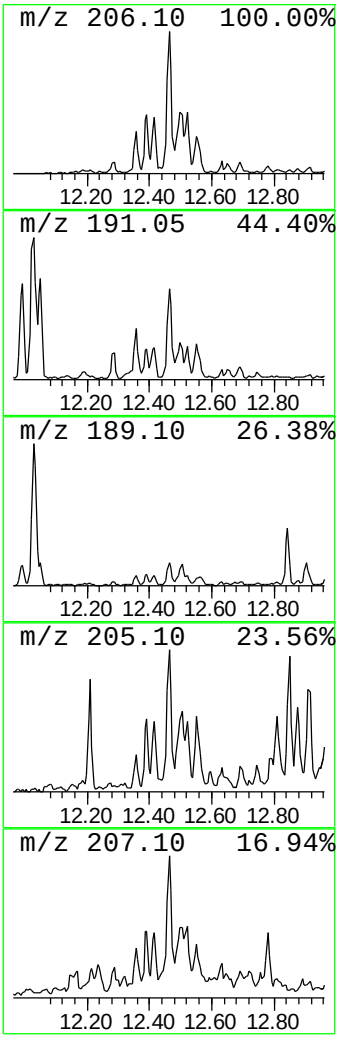
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	8.14 ng	307401	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	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-110917-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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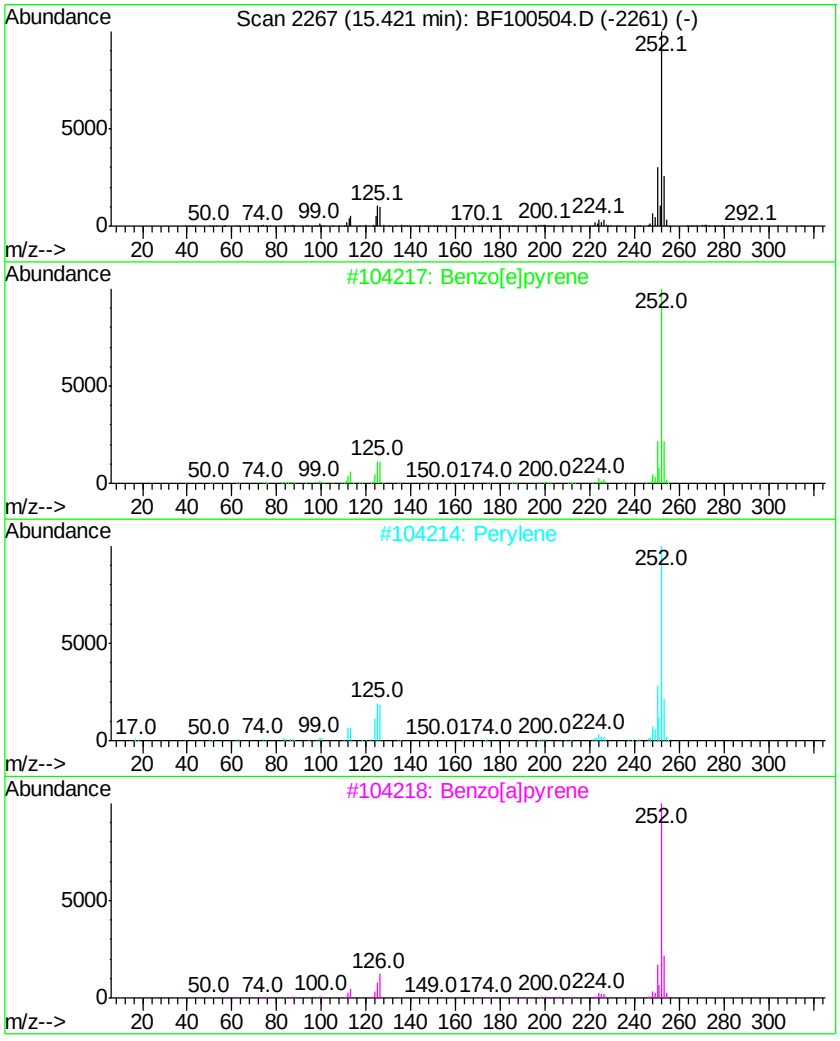
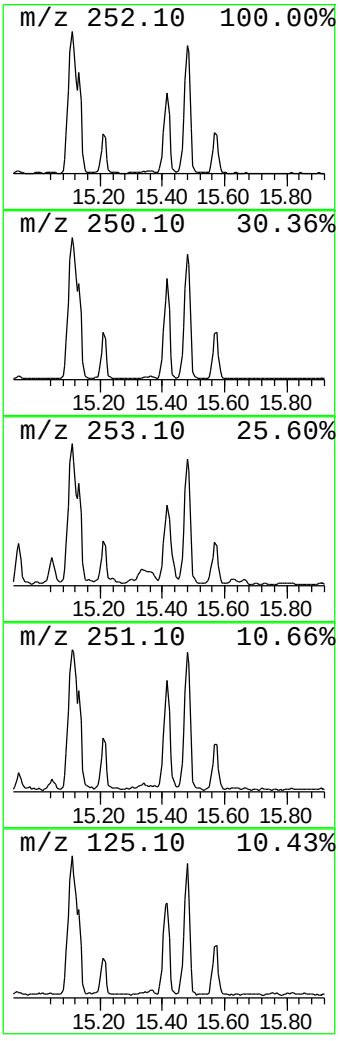
Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	33.78 ng	864651	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





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Operator : SJ/JU
Sample : I6409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-110917-01

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

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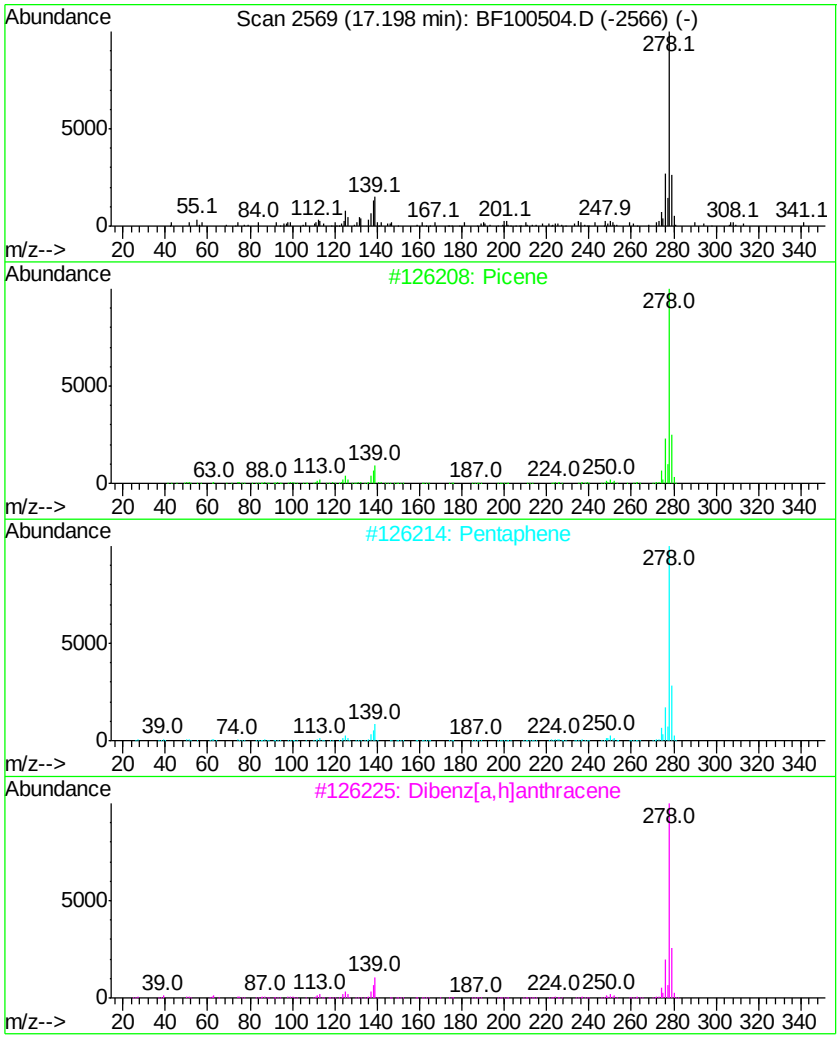
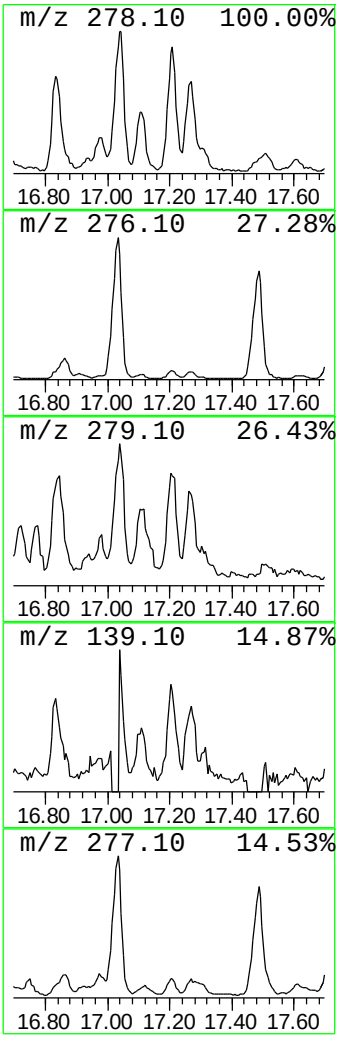
Peak Number 19 Picene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	5.41 ng	138434	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	97
2	Pentaphene	278	C22H14	000222-93-5	94
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
5	Benzo[b]chrysene	278	C22H14	000214-17-5	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.12	12.6	ng	332190	1	6.89	527064	20.0
Benzene, 1-ethyl-...	6.42	5.9	ng	156407	1	6.89	527064	20.0
unknown6.66	6.66	71.9	ng	1894580	1	6.89	527064	20.0
Benzene, 1,2,3-tr...	6.72	8.4	ng	222182	1	6.89	527064	20.0
Benzophenone	10.64	6.1	ng	238679	3	9.93	778657	20.0
1,3-Diethyl-2-vin...	10.83	5.5	ng	209535	4	11.42	755222	20.0
Phenanthrene, 2-m...	11.92	7.8	ng	296549	4	11.42	755222	20.0
4H-Cyclopenta[def...	12.03	15.9	ng	600728	4	11.42	755222	20.0
5,16[1',2']:8,13[...	12.21	5.7	ng	215453	4	11.42	755222	20.0
Phenanthrene, 2,5...	12.46	8.1	ng	307401	4	11.42	755222	20.0
Benzo[e]pyrene	15.42	33.8	ng	864651	6	15.54	511912	20.0
Picene	17.20	5.4	ng	138434	6	15.54	511912	20.0