LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098101.D
Acq On : 29 Aug 2017 7:58
Operator : SJ/JU
Sample : I4961-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

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-BF081517.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	4.939	481	485	496	rVB	239565	354696	10.61%	0.970%
2	5.351	550	555	558	rBV	2858318	3125081	93.52%	8.545%
3	6.381	724	730	734	rBV	2904401	3341518	100.00%	9.137%
4	6.510	747	752	755	rBV	3091219	3097536	92.70%	8.470%
5	6.739	787	791	797	rVB	879068	688414	20.60%	1.882%
6	6.898	813	818	821	rBV	2556659	2305827	69.01%	6.305%
7	7.304	882	887	890	rBV	1921079	2019260	60.43%	5.521%
8	8.022	1004	1009	1023	rVB	1014248	924506	27.67%	2.528%
9	9.098	1187	1192	1203	rBV	3106579	3107042	92.98%	8.496%
10	9.492	1255	1259	1263	rBV	396743	328671	9.84%	0.899%
11	9.710	1293	1296	1300	rVB	48847	40080	1.20%	0.110%
12	9.774	1300	1307	1310	rBV	1023113	916080	27.42%	2.505%
13	9.804	1310	1312	1316	rVB	64013	56391	1.69%	0.154%
14	9.974	1338	1341	1346	rBV	49406	54159	1.62%	0.148%
15	10.210	1378	1381	1384	rVB	70924	57837	1.73%	0.158%
16	10.321	1396	1400	1402	rBV2	58913	57976	1.74%	0.159%
17	10.386	1405	1411	1413	rBV2	26603	34546	1.03%	0.094%
18	10.474	1424	1426	1430	rVB3	29794	35186	1.05%	0.096%
19	10.563	1435	1441	1453	rBV	1880996	1865382	55.82%	5.101%
20	10.680	1458	1461	1469	rVB2	95347	106216	3.18%	0.290%
21	10.869	1487	1493	1495	rBV3	31368	45290	1.36%	0.124%
22	11.016	1509	1518	1523	rBV7	34116	68824	2.06%	0.188%
23	11.063	1523	1526	1529	rVB	40906	33598	1.01%	0.092%
24	11.151	1539	1541	1548	rVB2	61572	66773	2.00%	0.183%
25	11.257	1555	1559	1561	rBV	1045832	931120	27.87%	2.546%
26	11.280	1561	1563	1566	rVV	799315	608183	18.20%	1.663%
27	11.327	1566	1571	1575	rVB	169772	166161	4.97%	0.454%
28	11.486	1592	1598	1601	rBV	73173	74275	2.22%	0.203%
29	11.586	1612	1615	1618	rVV	39798	38250	1.14%	0.105%
30	11.757	1639	1644	1646	rBV	163953	148432	4.44%	0.406%
31	11.786	1646	1649	1652	rVB	195085	182267	5.45%	0.498%
32	11.827	1652	1656	1659	rBV	67698	75892	2.27%	0.208%
33	11.868	1659	1663	1665	rVV2	202025	245297	7.34%	0.671%
34	11.892	1665	1667	1672	rVB	111471	93184	2.79%	0.255%

LSC Area Percent Report

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Acq On : 29 Aug 2017 7:58
Operator : SJ/JU
Sample : I4961-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.051	1691	1694	1696	rBV	91157	75973	2.27%	0.208%
36	12.074	1696	1698	1704	rVB2	73899	73629	2.20%	0.201%
37	12.198	1714	1719	1722	rBV2	63062	76447	2.29%	0.209%
38	12.227	1722	1724	1727	rBV	44719	41880	1.25%	0.115%
39	12.304	1733	1737	1740	rBV	143095	145209	4.35%	0.397%
40	12.339	1740	1743	1745	rVV2	73243	96502	2.89%	0.264%
41	12.386	1749	1751	1756	rBV2	68903	87129	2.61%	0.238%
42	12.463	1761	1764	1768	rBV	859802	792661	23.72%	2.167%
43	12.692	1797	1803	1806	rBV	821836	872983	26.13%	2.387%
44	12.745	1809	1812	1817	rVB2	53886	83577	2.50%	0.229%
45	12.810	1820	1823	1824	rBV2	48034	41619	1.25%	0.114%
46	12.845	1824	1829	1832	rVV	2592868	2527548	75.64%	6.911%
47	12.910	1835	1840	1844	rBV3	76586	126224	3.78%	0.345%
48	12.998	1852	1855	1856	rBV2	54082	54945	1.64%	0.150%
49	13.021	1856	1859	1862	rVB2	133116	129289	3.87%	0.354%
50	13.086	1866	1870	1873	rVB	89200	80135	2.40%	0.219%
51	13.121	1873	1876	1879	rBV	115557	122692	3.67%	0.335%
52	13.215	1889	1892	1895	rBV	69212	57739	1.73%	0.158%
53	13.245	1895	1897	1901	rBV	73319	64896	1.94%	0.177%
54	13.321	1907	1910	1916	rVB7	20553	35983	1.08%	0.098%
55	13.527	1942	1945	1950	rVB	77574	85216	2.55%	0.233%
56	13.633	1959	1963	1967	rBV2	85433	138761	4.15%	0.379%
57	13.668	1967	1969	1971	rVV	75241	71206	2.13%	0.195%
58	13.686	1971	1972	1977	rVV3	49120	80699	2.42%	0.221%
59	13.739	1977	1981	1989	rVV2	163659	198685	5.95%	0.543%
60	13.810	1989	1993	1999	rVB4	20417	35957	1.08%	0.098%
61	13.886	1999	2006	2009	rBV2	946148	1316459	39.40%	3.600%
62	13.915	2009	2011	2017	rVB	435885	370915	11.10%	1.014%
63	13.992	2022	2024	2026	rVB	60892	42951	1.29%	0.117%
64	14.051	2026	2034	2035	rBV6	28515	38209	1.14%	0.104%
65	14.274	2068	2072	2075	rBV	112043	105836	3.17%	0.289%
66	14.309	2075	2078	2081	rVB	63962	59002	1.77%	0.161%
67	14.368	2081	2088	2091	rBV7	57562	93769	2.81%	0.256%
68	14.398	2091	2093	2095	rBV2	44037	36806	1.10%	0.101%
69	14.468	2100	2105	2110	rVB3	34622	55508	1.66%	0.152%
70	14.539	2112	2117	2121	rBV	246066	259033	7.75%	0.708%
71	14.739	2146	2151	2152	rBV4	39861	53133	1.59%	0.145%

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-01-COMP

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.904	2174	2179	2187	rBV	336860	619989	18.55%	1.695%
73	15.004	2194	2196	2200	rVB	57867	58423	1.75%	0.160%
74	15.109	2208	2214	2217	rBV3	22859	52008	1.56%	0.142%
75	15.192	2223	2228	2233	rVB	190279	238954	7.15%	0.653%
76	15.251	2233	2238	2243	rBV	286027	333632	9.98%	0.912%
77	15.309	2243	2248	2251	rBV	629403	758467	22.70%	2.074%
78	15.339	2251	2253	2260	rVB2	106210	134906	4.04%	0.369%
79	16.680	2476	2481	2491	rVB2	110881	215175	6.44%	0.588%
80	16.774	2492	2497	2504	rVB6	16813	36516	1.09%	0.100%
81	16.845	2506	2509	2516	rBV2	20934	39088	1.17%	0.107%
82	17.092	2546	2551	2561	rVB	79019	161199	4.82%	0.441%

Sum of corrected areas: 36571512

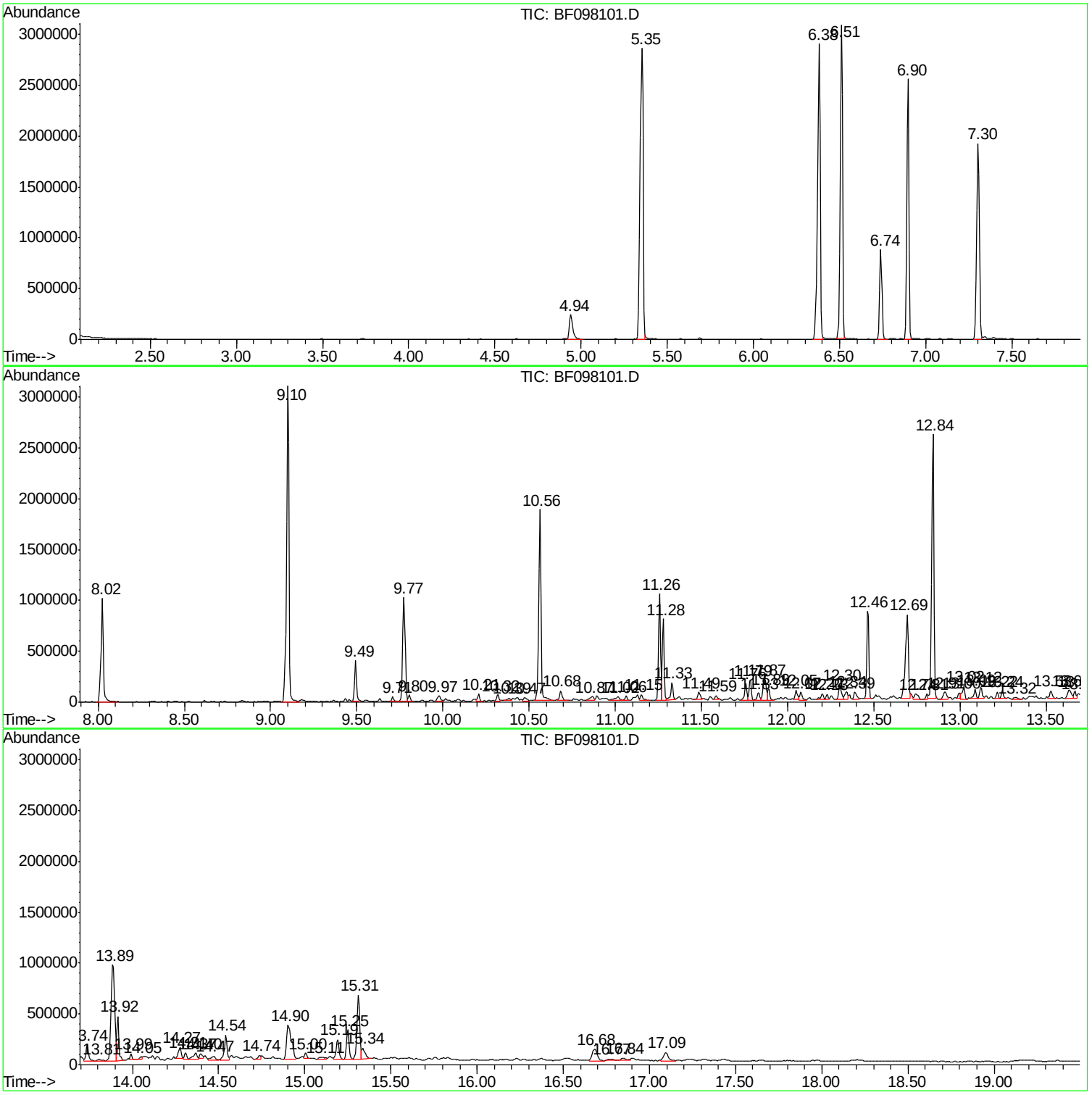
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098101.D
Acq On : 29 Aug 2017 7:58
Operator : SJ/JU
Sample : I4961-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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 : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098101.D
Acq On : 29 Aug 2017 7:58
Operator : SJ/JU
Sample : I4961-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

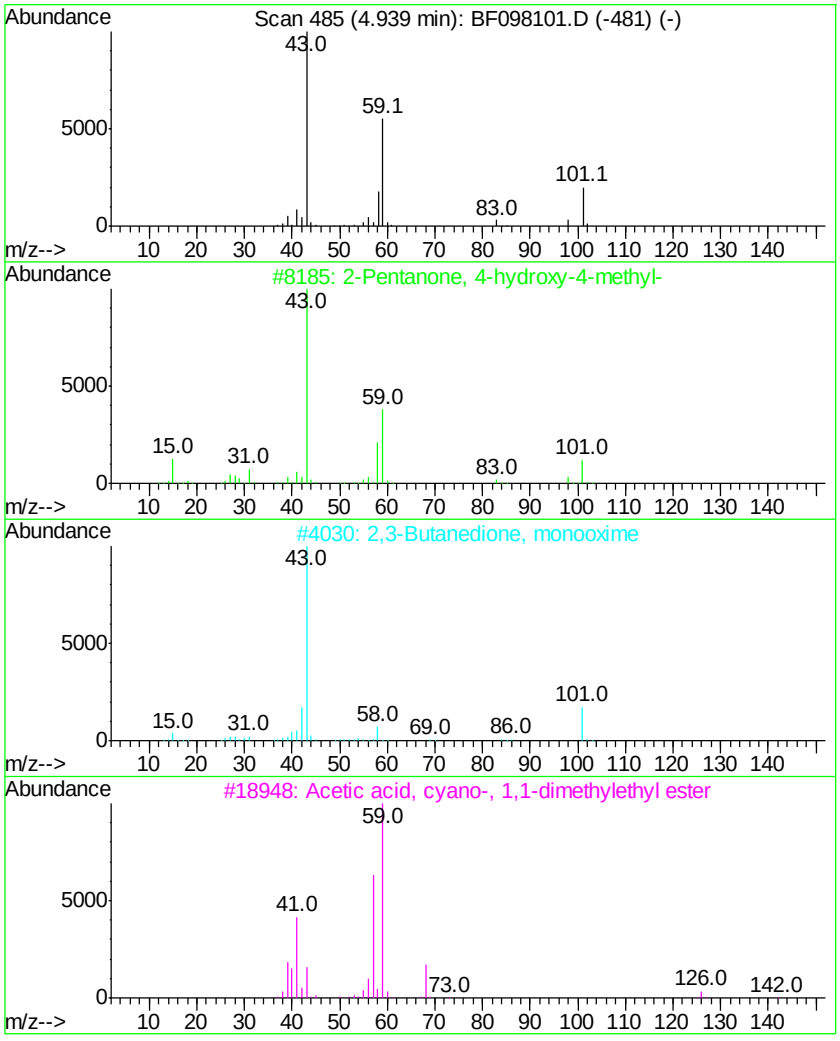
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

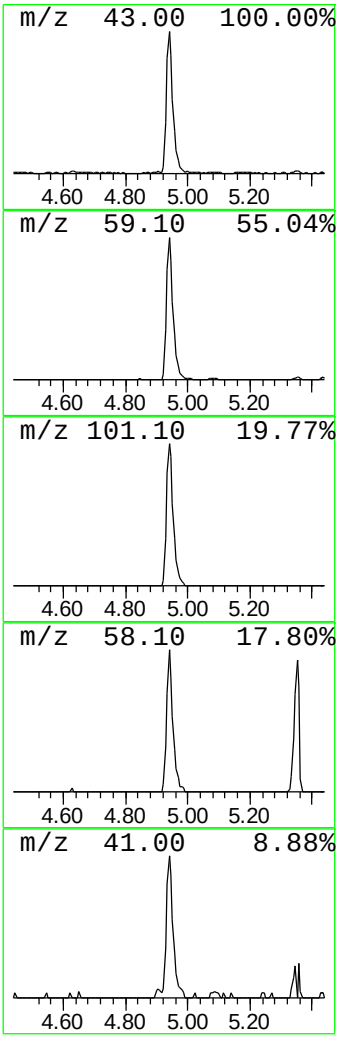
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	10.30 ng	354696	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

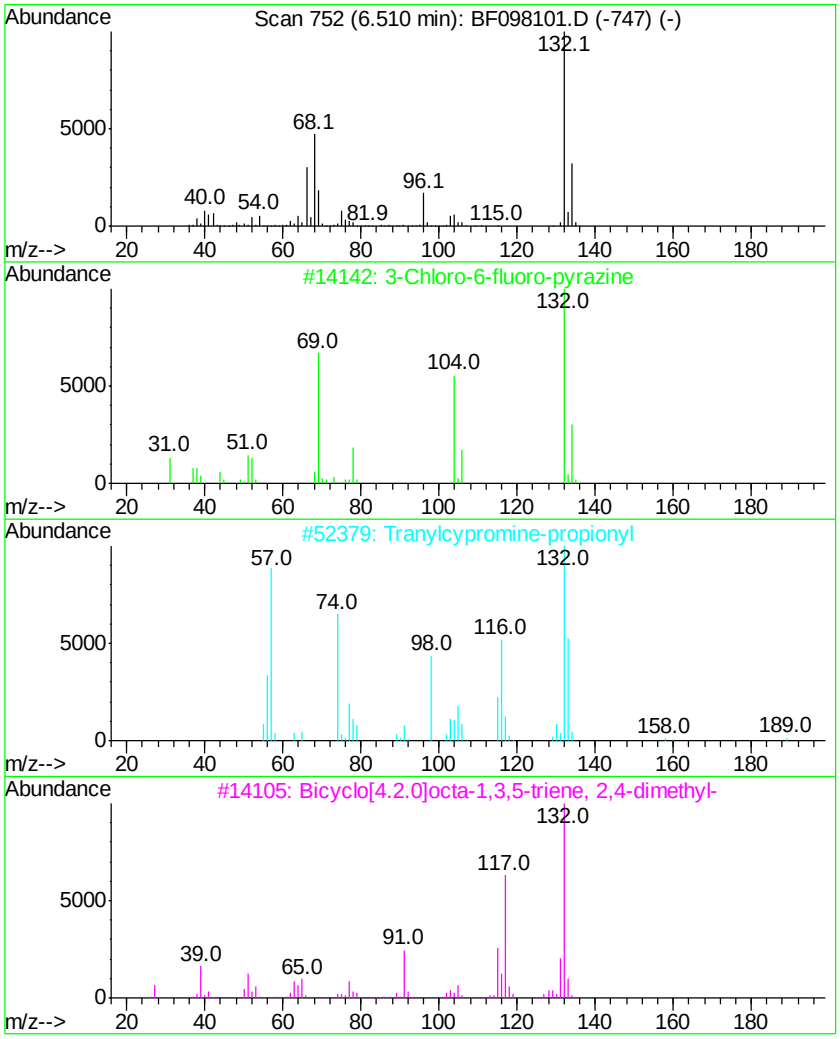
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

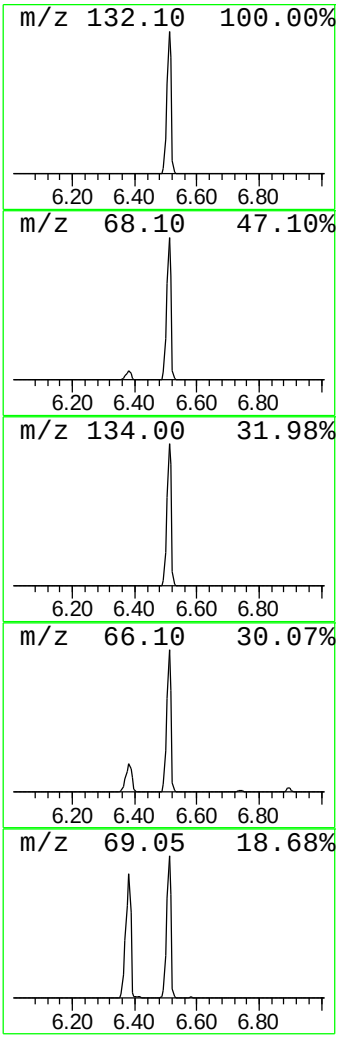
****

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	89.99 ng	3097540	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Xenon	132	Xe	007440-63-3	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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Sample : I4961-08
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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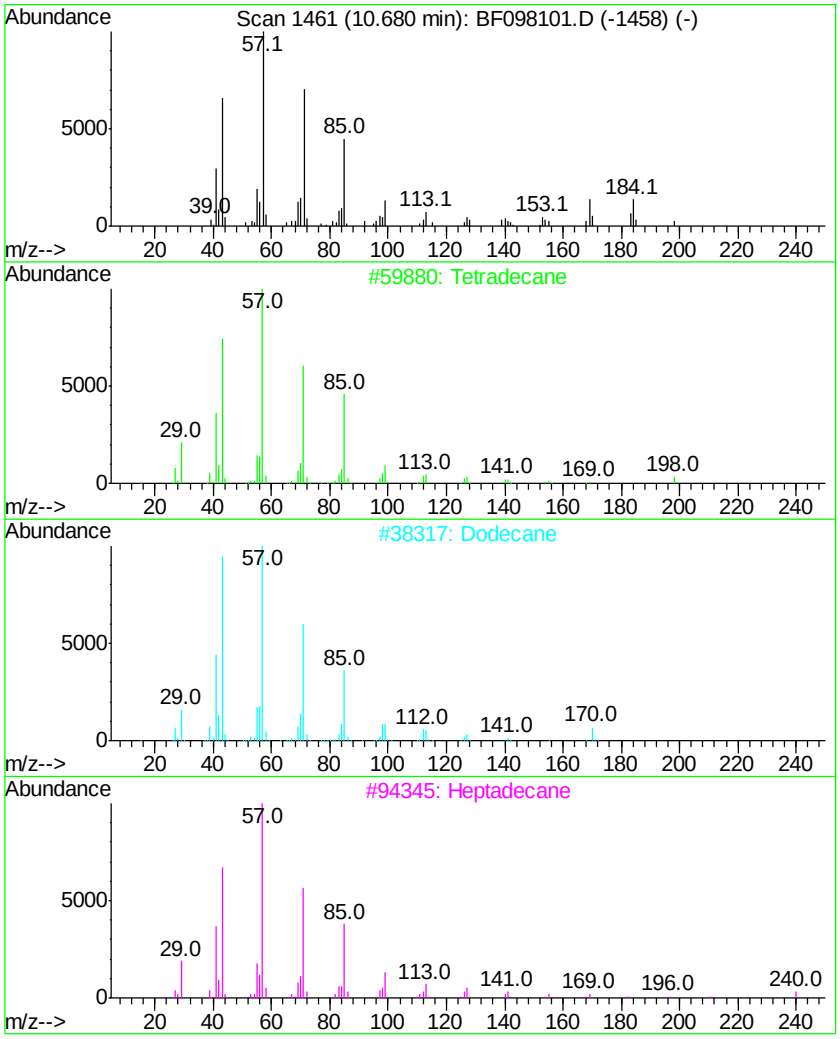
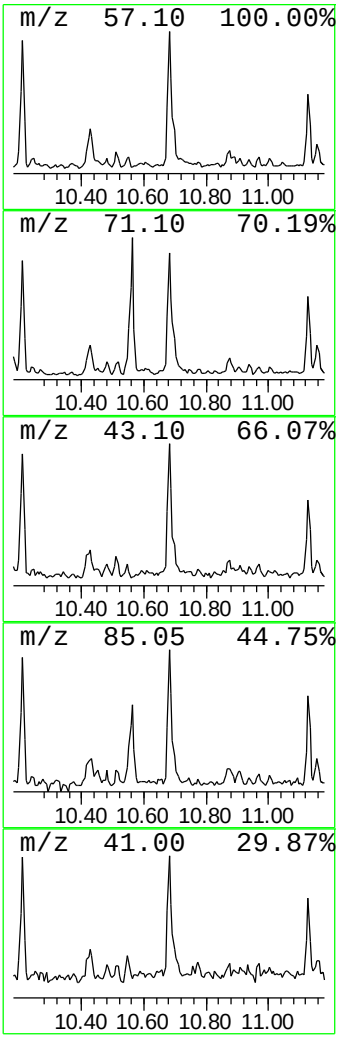
****

Peak Number 4 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	2.28 ng	106216	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Dodecane	170	C12H26	000112-40-3	81
3	Heptadecane	240	C17H36	000629-78-7	74
4	Hexadecane	226	C16H34	000544-76-3	72
5	Octadecane	254	C18H38	000593-45-3	72





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TIC Library : C:\DATABASE\NIST11.L
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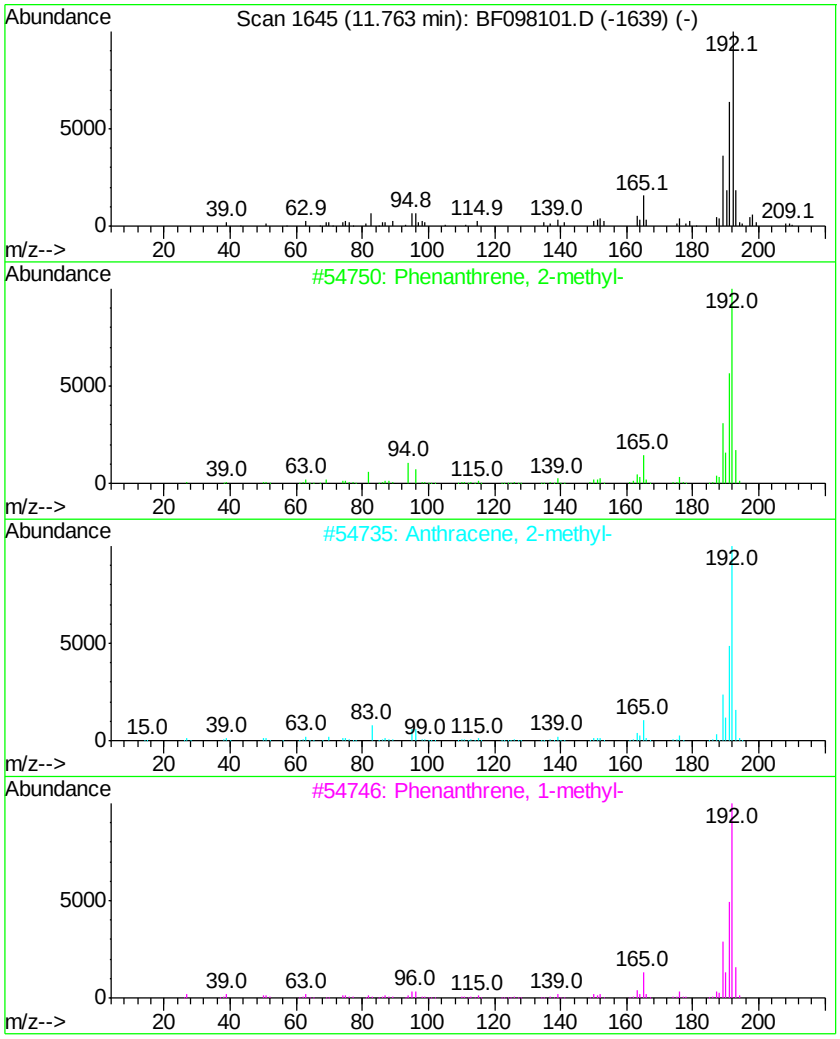
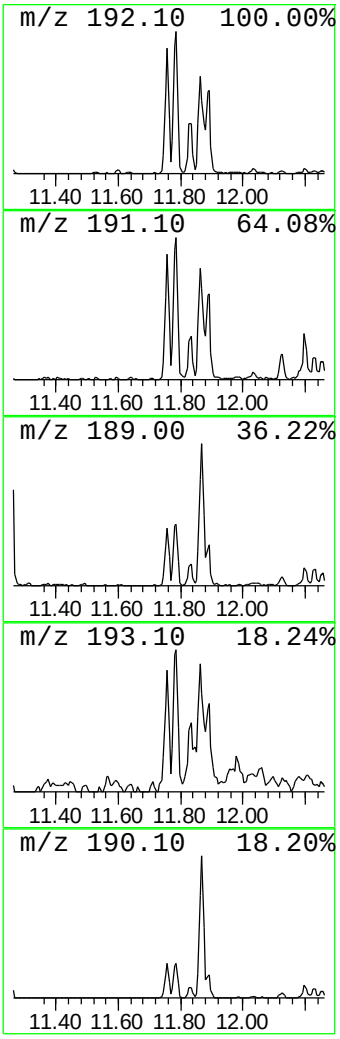
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.19 ng	148432	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Sample : I4961-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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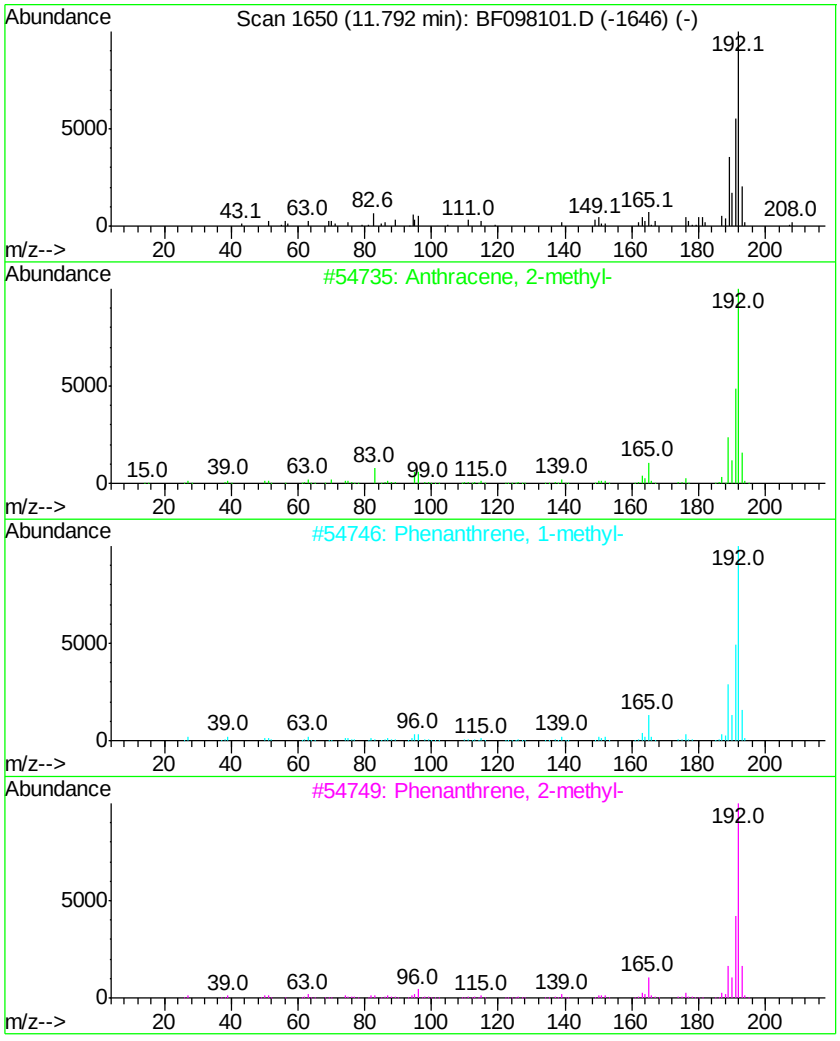
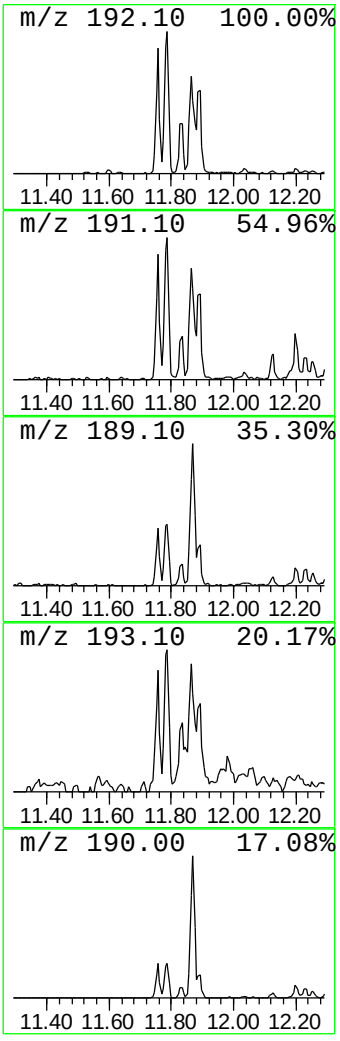
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.92 ng	182267	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098101.D
Acq On : 29 Aug 2017 7:58
Operator : SJ/JU
Sample : I4961-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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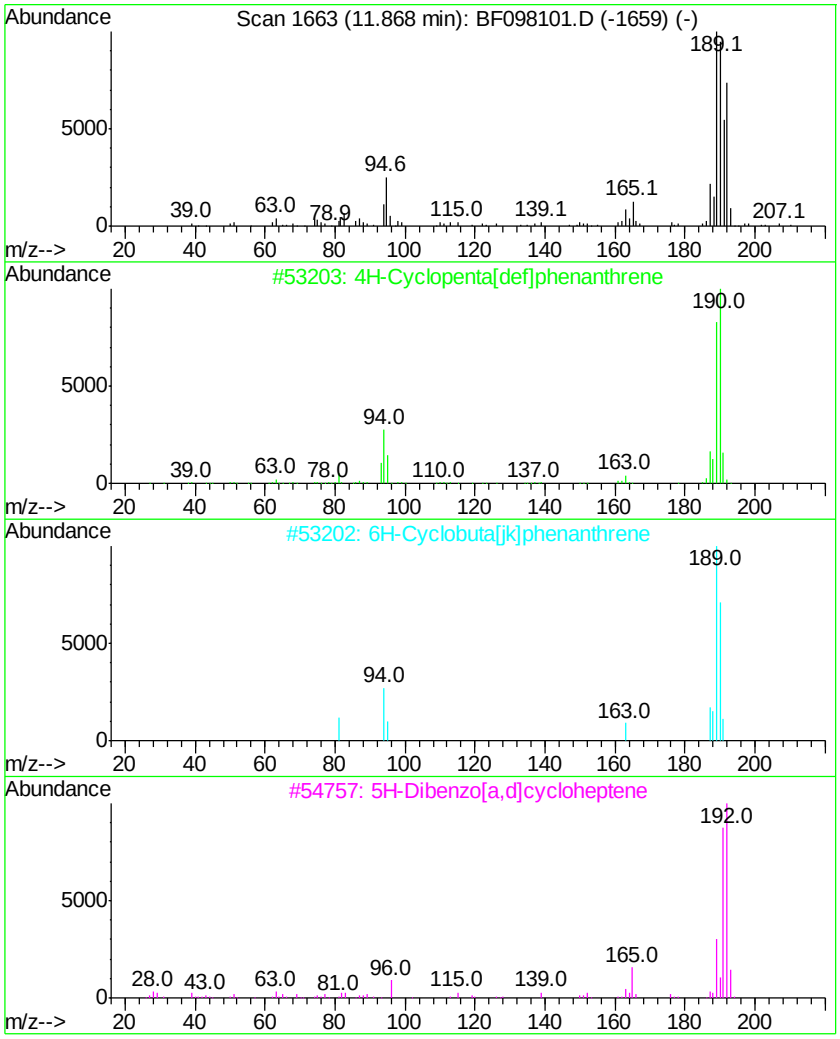
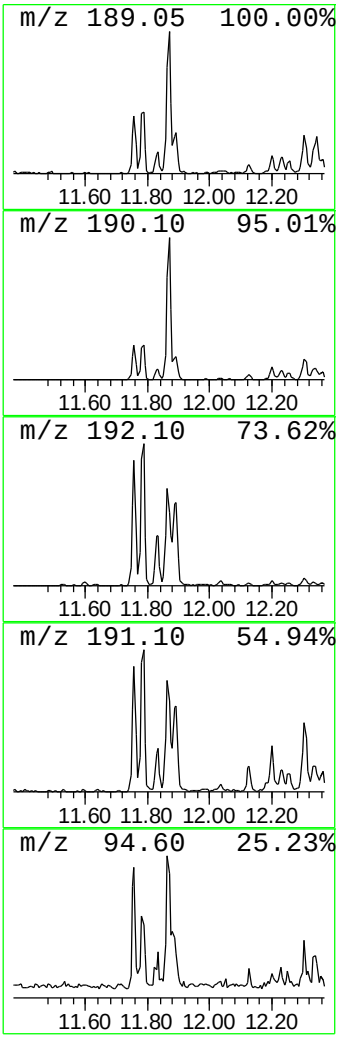
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.27 ng	245297	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098101.D
Acq On : 29 Aug 2017 7:58
Operator : SJ/JU
Sample : I4961-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

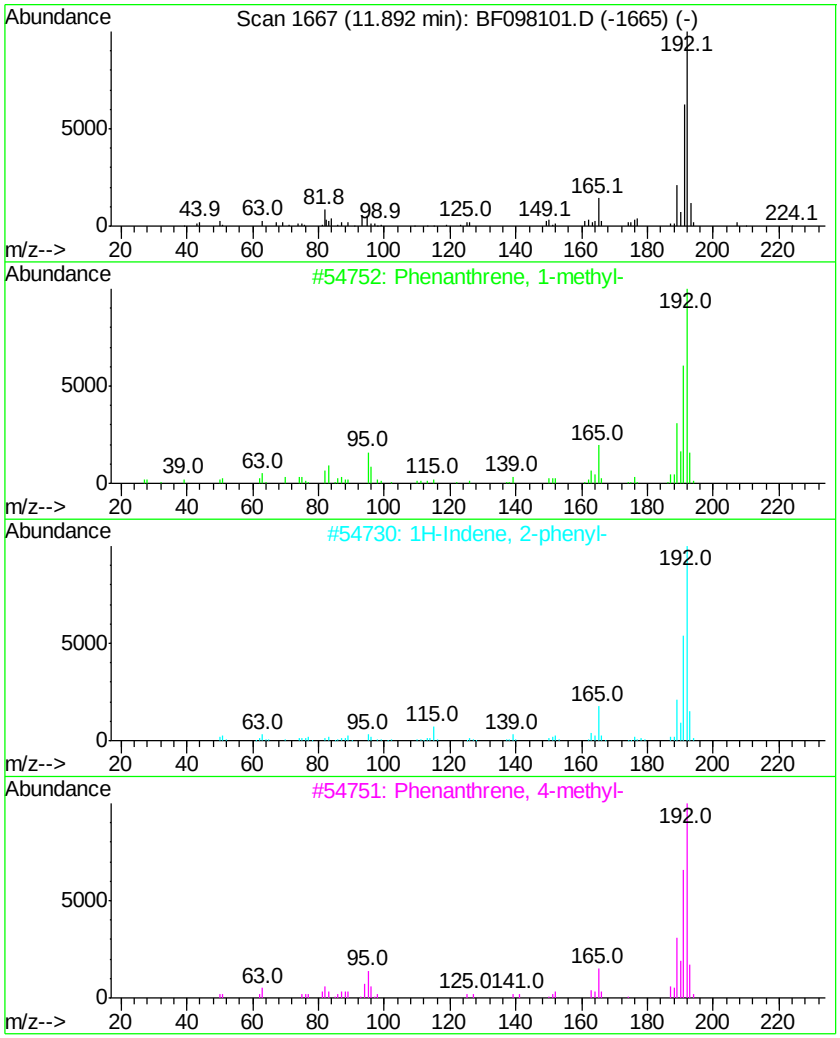
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

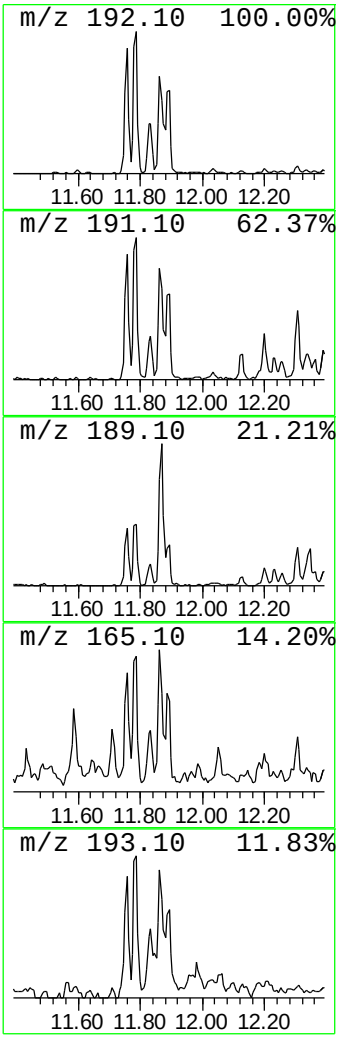
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.00 ng	93184	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	70
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68





Library Search Compound Report

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Data File : BF098101.D
Acq On : 29 Aug 2017 7:58
Operator : SJ/JU
Sample : I4961-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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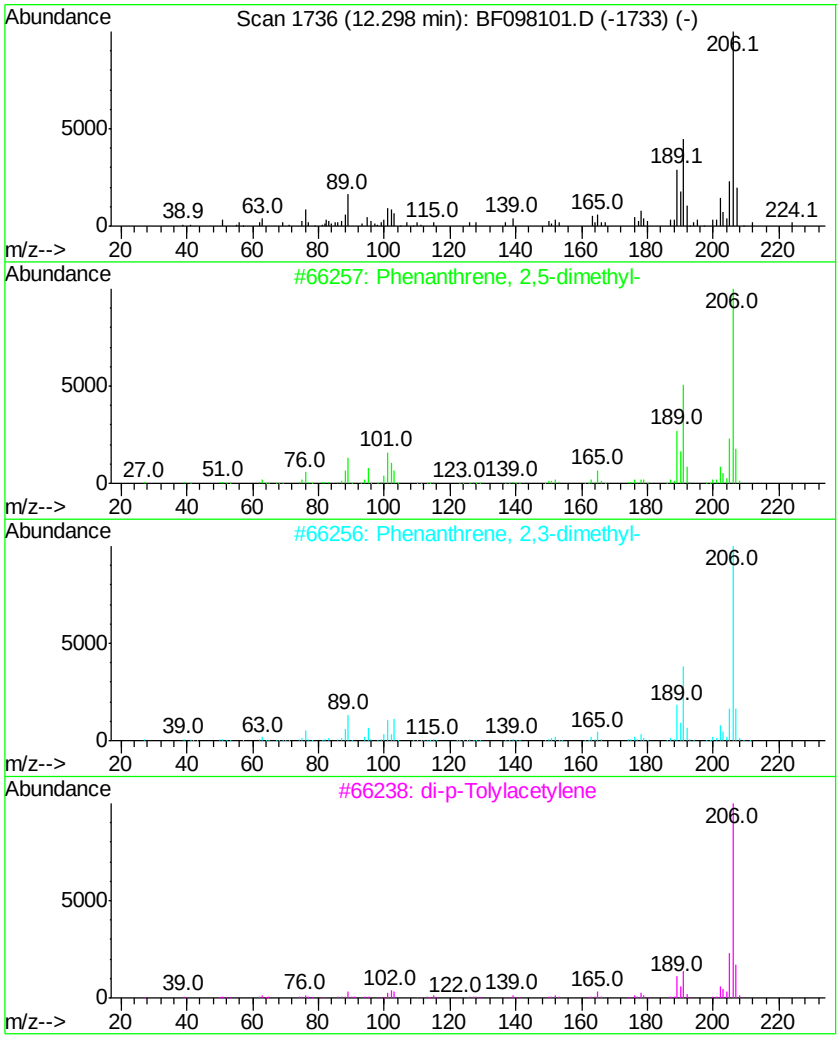
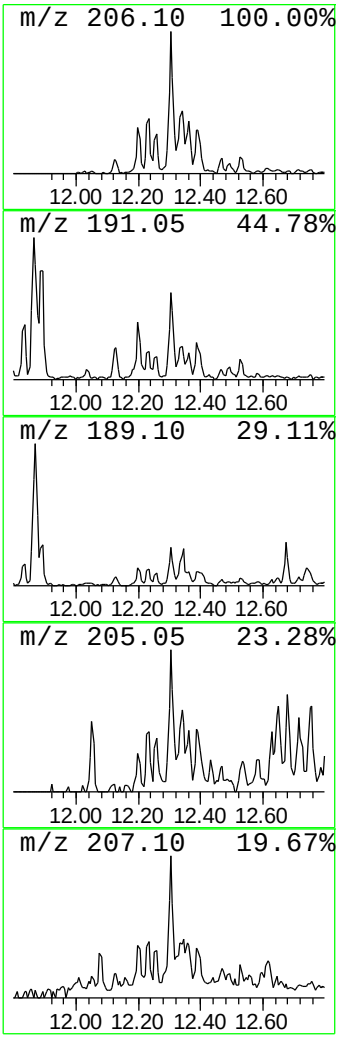
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.12 ng	145209	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93





Library Search Compound Report

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Acq On : 29 Aug 2017 7:58
Operator : SJ/JU
Sample : I4961-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

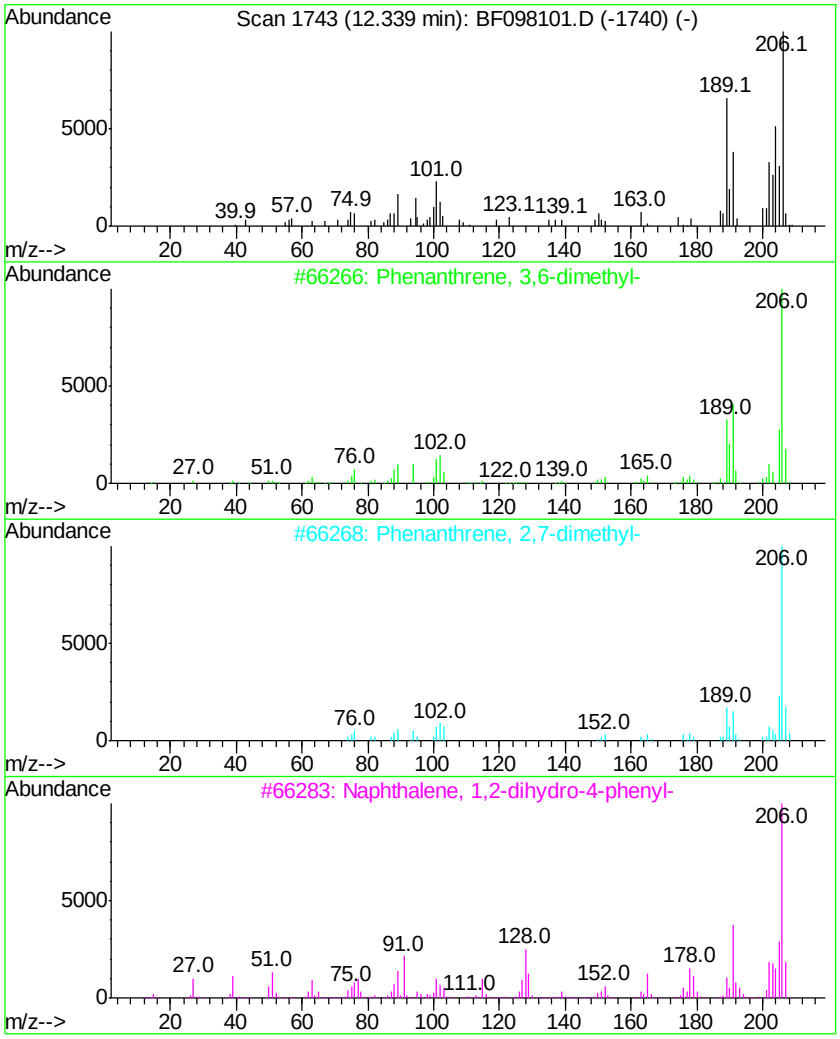
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

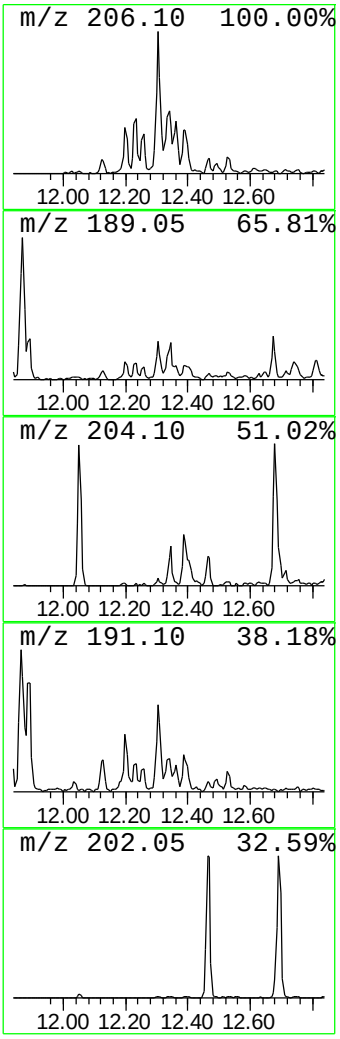
****

Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	2.07 ng	96502	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	37
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	32





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Acq On : 29 Aug 2017 7:58
Operator : SJ/JU
Sample : I4961-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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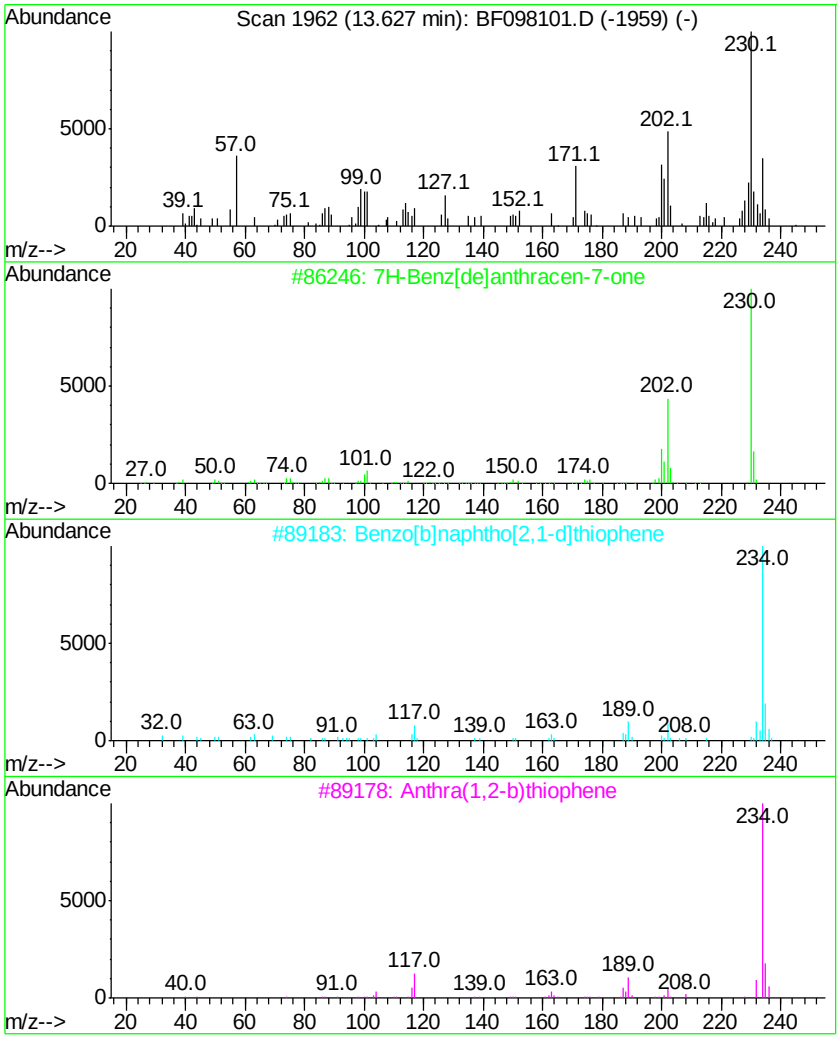
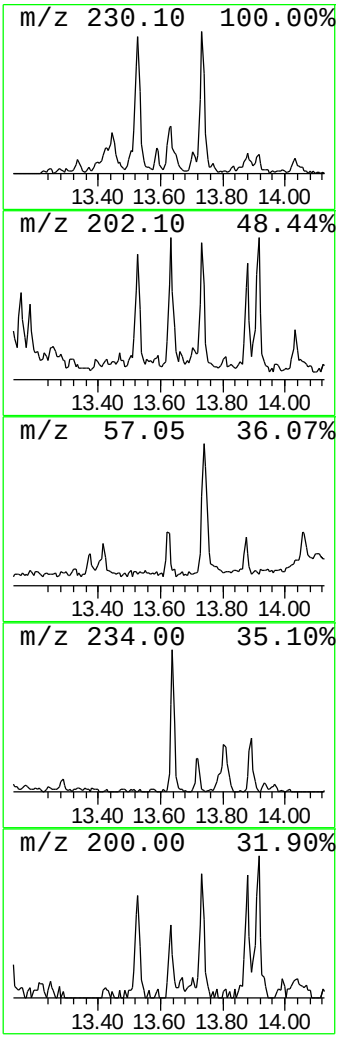
Peak Number 11 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.11 ng	138761	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	55
3	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	50
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	50
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	50





Library Search Compound Report

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Data File : BF098101.D
Acq On : 29 Aug 2017 7:58
Operator : SJ/JU
Sample : I4961-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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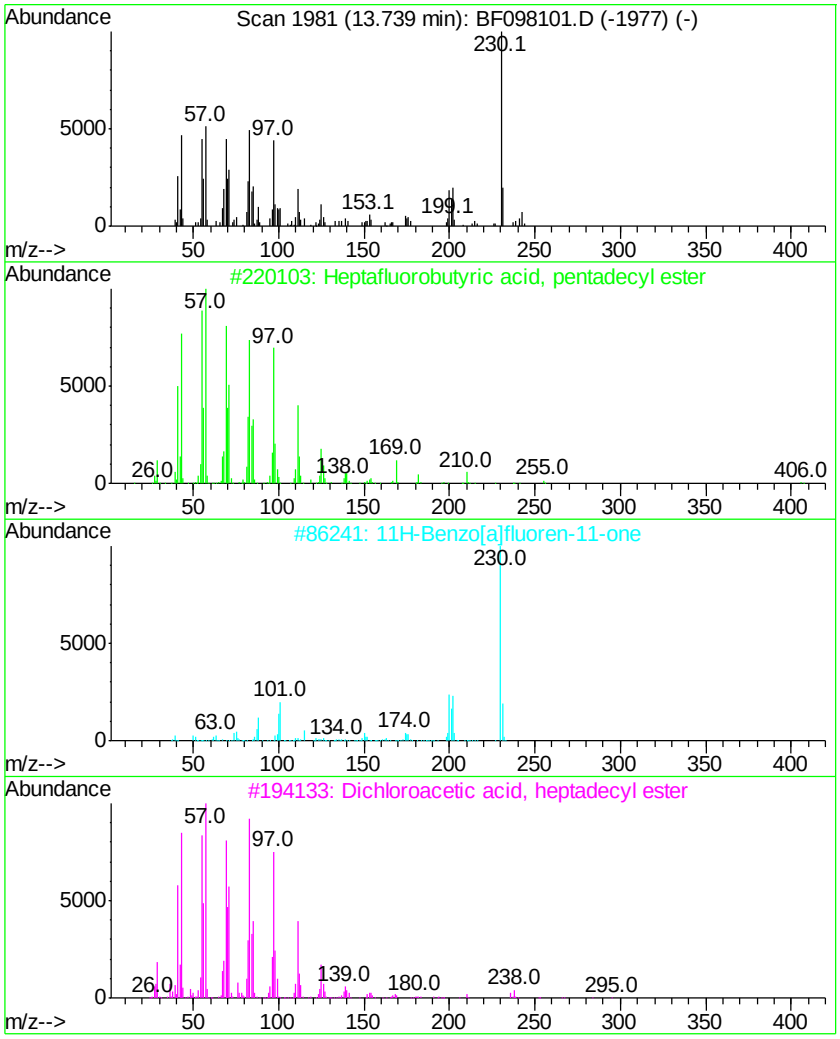
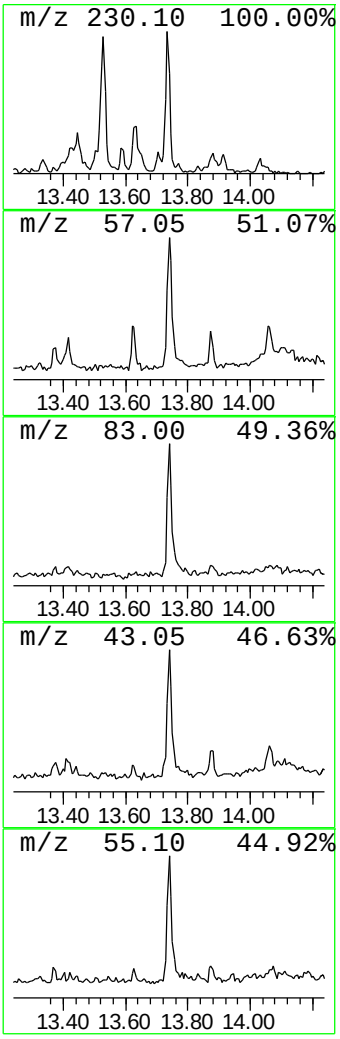
Peak Number 12 Heptafluorobutyric acid, pe... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.02 ng	198685	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	83
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	46
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	46
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	46





Library Search Compound Report

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Operator : SJ/JU
Sample : I4961-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

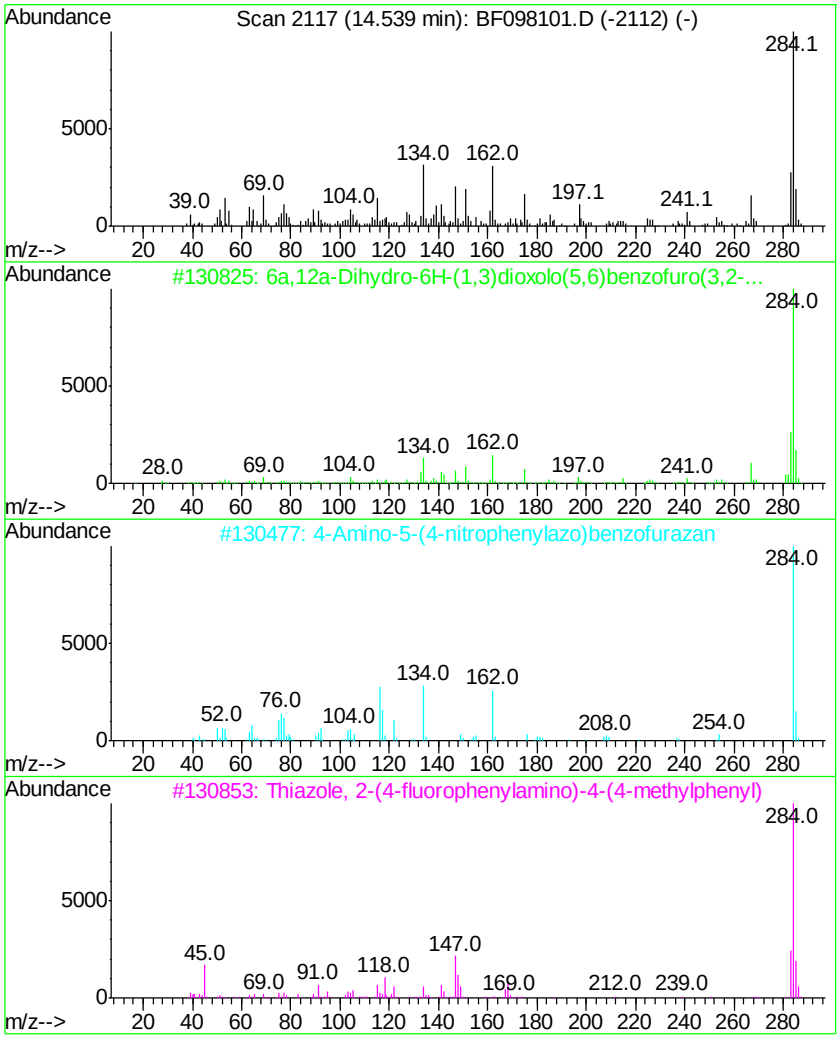
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

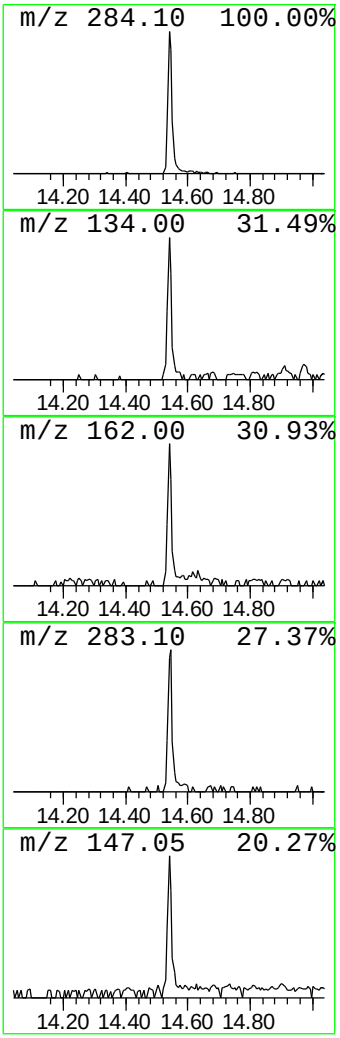
****

Peak Number 13 6a,12a-Dihydro-6H-(1,3)diox... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	3.94 ng	259033	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6a,12a-Dihydro-6H-(1,3)dioxolo(5...	284	C16H12O5	022091-18-5	93
2	4-Amino-5-(4-nitrophenylazo)benz...	284	C12H8N6O3	166766-07-0	58
3	Thiazole, 2-(4-fluorophenylamino...	284	C16H13FN2S	340801-58-3	50
4	3-Hydroxy-2-(4-hydroxy-3-methoxy...	284	C16H12O5	159184-95-9	49
5	Dibenz[a,c]cycloheptane, 2,3,7-t...	284	C18H20O3	054705-02-1	46





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Sample : I4961-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Library : C:\DATABASE\NIST11.L
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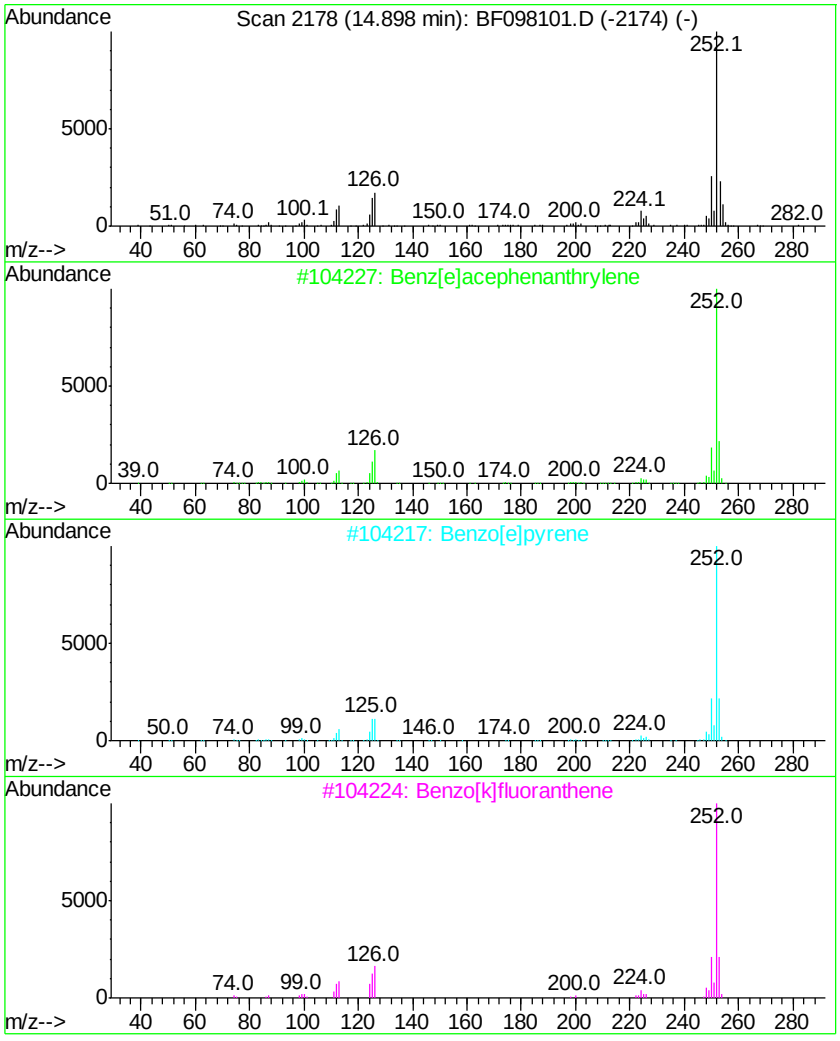
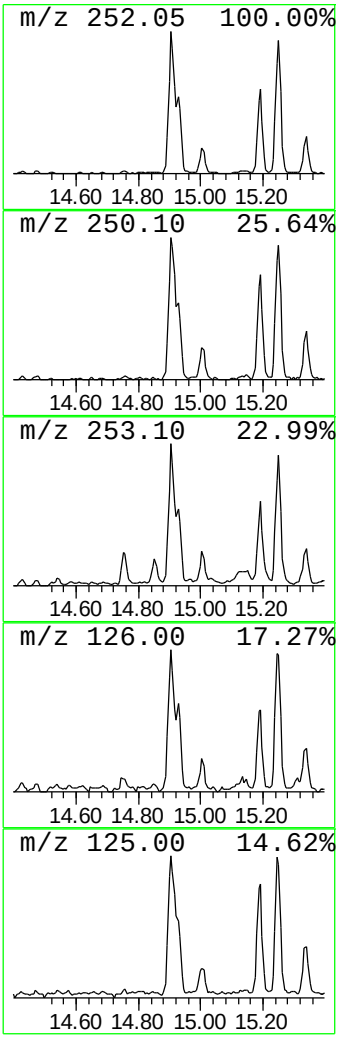
Peak Number 14 Benz[e]acephenanthrylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	9.42 ng	619989	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Perylene	252	C20H12	000198-55-0	93





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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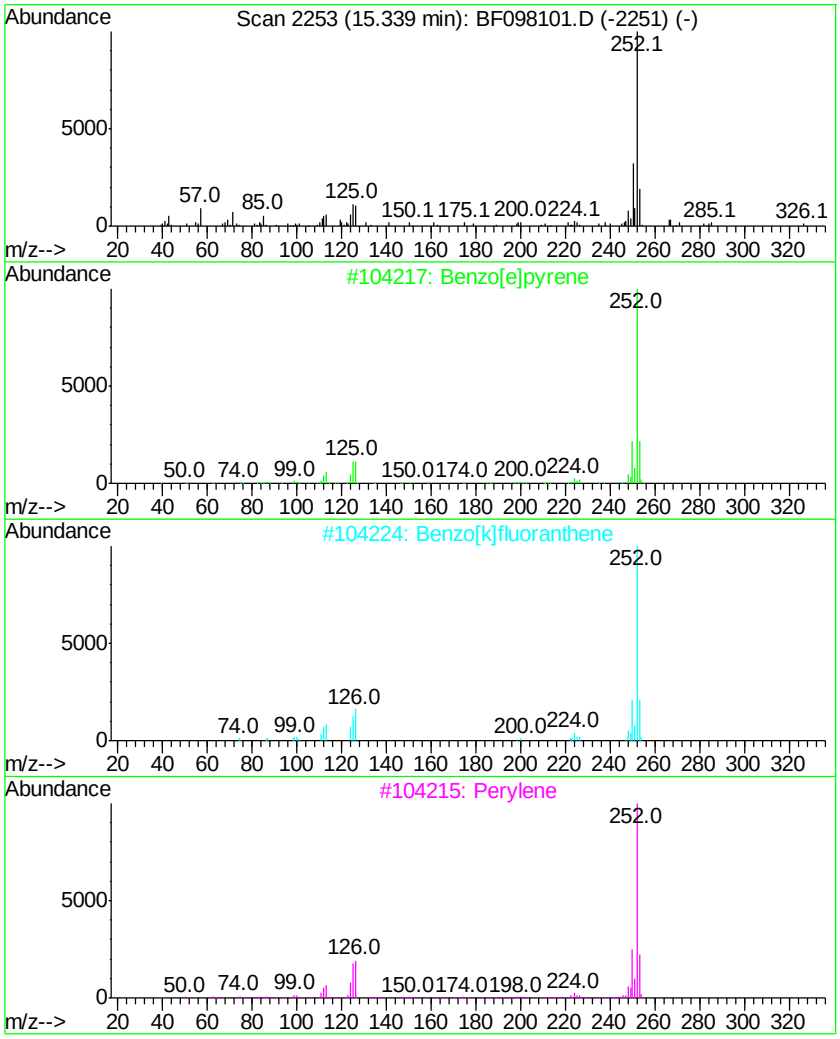
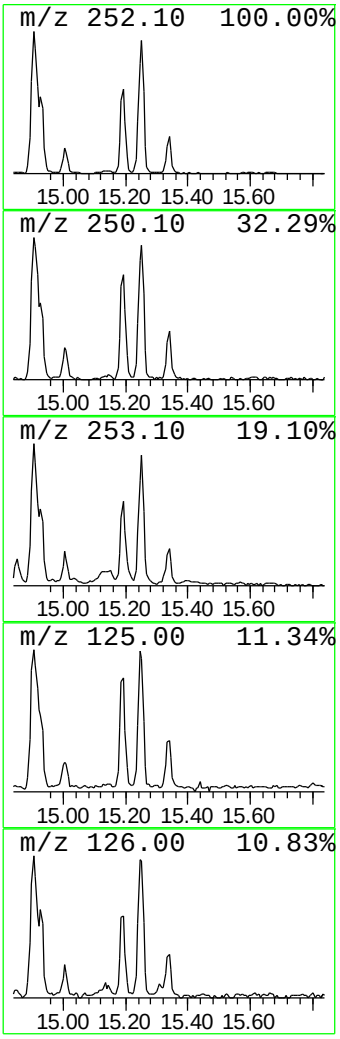
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.05 ng	134906	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Perylene	252	C20H12	000198-55-0	83
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

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Acq On : 29 Aug 2017 7:58
Operator : SJ/JU
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.94	10.3	ng	354696	1	6.74	688414	20.0
unknown6.51	6.51	90.0	ng	3097540	1	6.74	688414	20.0
Tetradecane	10.68	2.3	ng	106216	4	11.26	931120	20.0
Phenanthrene, 2-m...	11.76	3.2	ng	148432	4	11.26	931120	20.0
Anthracene, 2-met...	11.79	3.9	ng	182267	4	11.26	931120	20.0
4H-Cyclopenta[def...	11.87	5.3	ng	245297	4	11.26	931120	20.0
Phenanthrene, 1-m...	11.89	2.0	ng	93184	4	11.26	931120	20.0
Phenanthrene, 2,5...	12.30	3.1	ng	145209	4	11.26	931120	20.0
Phenanthrene, 3,6...	12.34	2.1	ng	96502	4	11.26	931120	20.0
7H-Benz[de]anthra...	13.63	2.1	ng	138761	5	13.89	1316460	20.0
Heptafluorobutyri...	13.74	3.0	ng	198685	5	13.89	1316460	20.0
6a,12a-Dihydro-6H...	14.54	3.9	ng	259033	5	13.89	1316460	20.0
Benz[e]acephenant...	14.90	9.4	ng	619989	5	13.89	1316460	20.0
Benzo[e]pyrene	15.34	2.0	ng	134906	5	13.89	1316460	20.0