LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098666.D
Acq On : 20 Sep 2017 18:04
Operator : SJ/JU
Sample : I5285-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSTP-3

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-BF091117.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	4.793	457	460	475	rVB	359497	509875	22.73%	1.714%
2	5.228	530	534	552	rBV	2048552	2108448	93.99%	7.087%
3	6.275	708	712	728	rBV	2191363	2169273	96.70%	7.292%
4	6.393	728	732	739	rVV	2719134	2243259	100.00%	7.540%
5	6.616	767	770	778	rBV	644506	581790	25.94%	1.956%
6	6.775	793	797	800	rBV	2086012	1703012	75.92%	5.724%
7	7.192	864	868	871	rBV	1652485	1438753	64.14%	4.836%
8	7.904	984	989	992	rBV	836431	774872	34.54%	2.605%
9	8.981	1167	1172	1175	rBV	2582076	2162976	96.42%	7.271%
10	9.381	1236	1240	1243	rBV	293513	261200	11.64%	0.878%
11	9.651	1282	1286	1289	rBV2	886022	743347	33.14%	2.499%
12	9.686	1289	1292	1298	rVB	71736	66998	2.99%	0.225%
13	9.857	1318	1321	1324	rBV	30283	29687	1.32%	0.100%
14	10.198	1376	1379	1385	rVB2	41847	42858	1.91%	0.144%
15	10.445	1417	1421	1427	rBV	988025	968457	43.17%	3.255%
16	10.563	1437	1441	1449	rVB3	36582	53015	2.36%	0.178%
17	11.004	1514	1516	1519	rVB	33631	27670	1.23%	0.093%
18	11.033	1519	1521	1526	rVB	38025	32759	1.46%	0.110%
19	11.133	1535	1538	1540	rBV	676222	585865	26.12%	1.969%
20	11.157	1540	1542	1546	rVV	676782	567611	25.30%	1.908%
21	11.210	1546	1551	1555	rVB	142216	139962	6.24%	0.470%
22	11.375	1575	1579	1586	rVB2	62795	70158	3.13%	0.236%
23	11.433	1586	1589	1591	rBV	29673	26680	1.19%	0.090%
24	11.633	1620	1623	1626	rBV	70202	64345	2.87%	0.216%
25	11.663	1626	1628	1633	rVB	91888	82069	3.66%	0.276%
26	11.710	1633	1636	1639	rBV	34655	34895	1.56%	0.117%
27	11.745	1639	1642	1645	rVV	110434	120690	5.38%	0.406%
28	11.769	1645	1646	1653	rVB	51720	37697	1.68%	0.127%
29	11.839	1653	1658	1662	rBV4	23716	30387	1.35%	0.102%
30	11.933	1671	1674	1678	rVB	56598	51564	2.30%	0.173%
31	11.969	1678	1680	1684	rBV	32853	33038	1.47%	0.111%
32	12.080	1693	1699	1702	rBV	27697	30066	1.34%	0.101%
33	12.186	1713	1717	1720	rBV	57912	60298	2.69%	0.203%
34	12.227	1720	1724	1726	rVV3	43270	58584	2.61%	0.197%

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Misc :
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Instrument : BNA_F
ClientSampleId : CSTP-3

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-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.280	1729	1733	1736	rVB2	40211	49953	2.23%	0.168%
36	12.345	1740	1744	1748	rBV	1047432	901825	40.20%	3.031%
37	12.498	1766	1770	1772	rBV2	44656	43436	1.94%	0.146%
38	12.574	1777	1783	1786	rVV	988448	1017292	45.35%	3.419%
39	12.627	1789	1792	1797	rVB2	41503	51623	2.30%	0.174%
40	12.716	1800	1807	1811	rBV	1379729	1342773	59.86%	4.514%
41	12.798	1815	1821	1824	rBV3	55927	93166	4.15%	0.313%
42	12.880	1832	1835	1837	rBV2	46020	64522	2.88%	0.217%
43	12.904	1837	1839	1842	rVB	99594	88365	3.94%	0.297%
44	12.969	1842	1850	1853	rBV2	76004	93810	4.18%	0.315%
45	13.004	1853	1856	1860	rBV2	96218	119350	5.32%	0.401%
46	13.098	1869	1872	1875	rBV	61133	53315	2.38%	0.179%
47	13.127	1875	1877	1881	rVV	60829	52972	2.36%	0.178%
48	13.298	1901	1906	1909	rBV6	24238	48935	2.18%	0.164%
49	13.392	1918	1922	1924	rBV3	19478	26359	1.18%	0.089%
50	13.416	1924	1926	1929	rVB	58233	59609	2.66%	0.200%
51	13.521	1939	1944	1946	rBV2	91641	107173	4.78%	0.360%
52	13.545	1946	1948	1951	rVV	94022	94757	4.22%	0.319%
53	13.574	1951	1953	1954	rVV	80682	67036	2.99%	0.225%
54	13.592	1954	1956	1959	rVV3	56951	65228	2.91%	0.219%
55	13.627	1959	1962	1968	rVV2	132361	169158	7.54%	0.569%
56	13.686	1968	1972	1978	rVB2	22809	34125	1.52%	0.115%
57	13.768	1978	1986	1989	rBV2	800296	1236962	55.14%	4.158%
58	13.798	1989	1991	1999	rVV	541452	488934	21.80%	1.643%
59	13.874	1999	2004	2011	rVV	128596	127205	5.67%	0.428%
60	13.939	2011	2015	2019	rBV5	42766	63943	2.85%	0.215%
61	13.974	2019	2021	2025	rVV2	28422	45677	2.04%	0.154%
62	14.010	2025	2027	2030	rVB	42078	35803	1.60%	0.120%
63	14.121	2044	2046	2048	rBV	47296	44921	2.00%	0.151%
64	14.163	2048	2053	2055	rVV	131031	170324	7.59%	0.573%
65	14.192	2055	2058	2061	rVV2	65728	71034	3.17%	0.239%
66	14.239	2061	2066	2067	rVV4	58493	82362	3.67%	0.277%
67	14.286	2071	2074	2075	rVV2	64197	65482	2.92%	0.220%
68	14.304	2075	2077	2080	rVV2	66724	59189	2.64%	0.199%
69	14.333	2080	2082	2084	rVV2	24879	28701	1.28%	0.096%
70	14.357	2084	2086	2088	rVB3	38285	31937	1.42%	0.107%
71	14.486	2103	2108	2111	rBV5	51371	77529	3.46%	0.261%

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Misc :
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Instrument : BNA_F
ClientSampleId : CSTP-3

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.521	2111	2114	2115	rVV2	49804	56092	2.50%	0.189%
73	14.557	2118	2120	2126	rVB3	38362	53548	2.39%	0.180%
74	14.639	2131	2134	2137	rVV	72629	72847	3.25%	0.245%
75	14.686	2140	2142	2145	rVB3	30305	27776	1.24%	0.093%
76	14.780	2154	2158	2167	rBV	540606	963004	42.93%	3.237%
77	14.880	2172	2175	2179	rVB	105218	102097	4.55%	0.343%
78	14.974	2185	2191	2193	rBV6	35168	71793	3.20%	0.241%
79	15.010	2193	2197	2200	rVV4	42109	75893	3.38%	0.255%
80	15.057	2200	2205	2210	rVV	380730	435444	19.41%	1.464%
81	15.115	2210	2215	2220	rVV	528744	611907	27.28%	2.057%
82	15.168	2220	2224	2227	rVV	472057	568439	25.34%	1.911%
83	15.198	2227	2229	2235	rVB2	155563	186395	8.31%	0.627%
84	15.333	2248	2252	2255	rBV3	25250	50734	2.26%	0.171%
85	15.457	2270	2273	2277	rVB2	27277	29540	1.32%	0.099%
86	15.486	2277	2278	2286	rVB3	36028	54652	2.44%	0.184%
87	15.568	2287	2292	2296	rBV3	39746	63293	2.82%	0.213%
88	15.604	2296	2298	2300	rBV2	23408	27648	1.23%	0.093%
89	15.674	2307	2310	2314	rVB2	27752	39412	1.76%	0.132%
90	16.162	2389	2393	2397	rBV7	13767	26583	1.19%	0.089%
91	16.504	2444	2451	2458	rBV	196132	363683	16.21%	1.222%
92	16.651	2470	2476	2481	rBV2	44795	93585	4.17%	0.315%
93	16.704	2481	2485	2491	rVB4	32741	67414	3.01%	0.227%
94	16.898	2511	2518	2527	rBV	163205	317440	14.15%	1.067%
95	17.121	2549	2556	2564	rBV4	59151	150137	6.69%	0.505%
96	18.915	2853	2861	2863	rBV3	26400	53469	2.38%	0.180%

Sum of corrected areas: 29749768

LSC Report - Integrated Chromatogram

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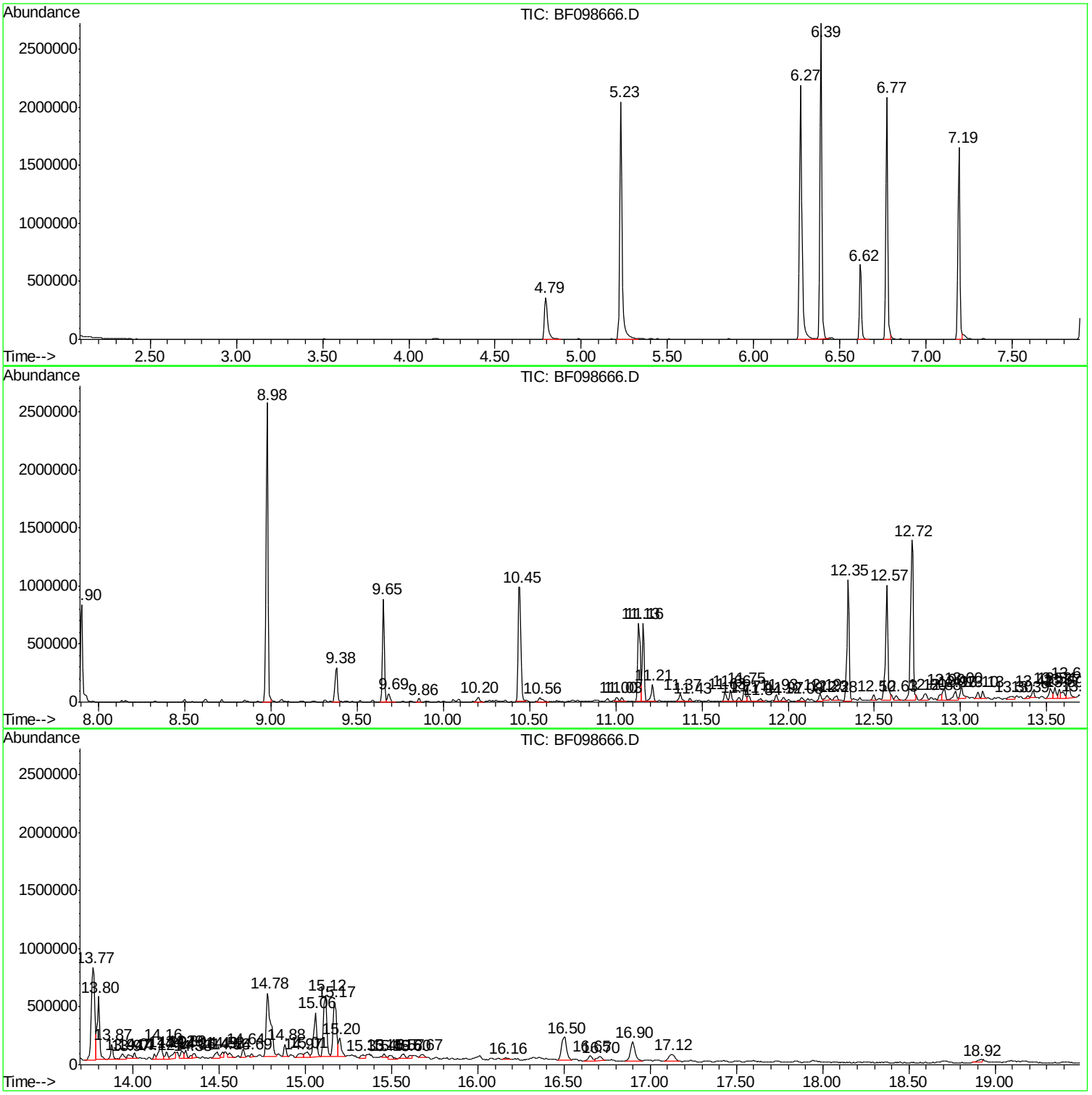
Operator : SJ/JU
Sample : I5285-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSTP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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\BF092017\
Data File : BF098666.D
Acq On : 20 Sep 2017 18:04
Operator : SJ/JU
Sample : I5285-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSTP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

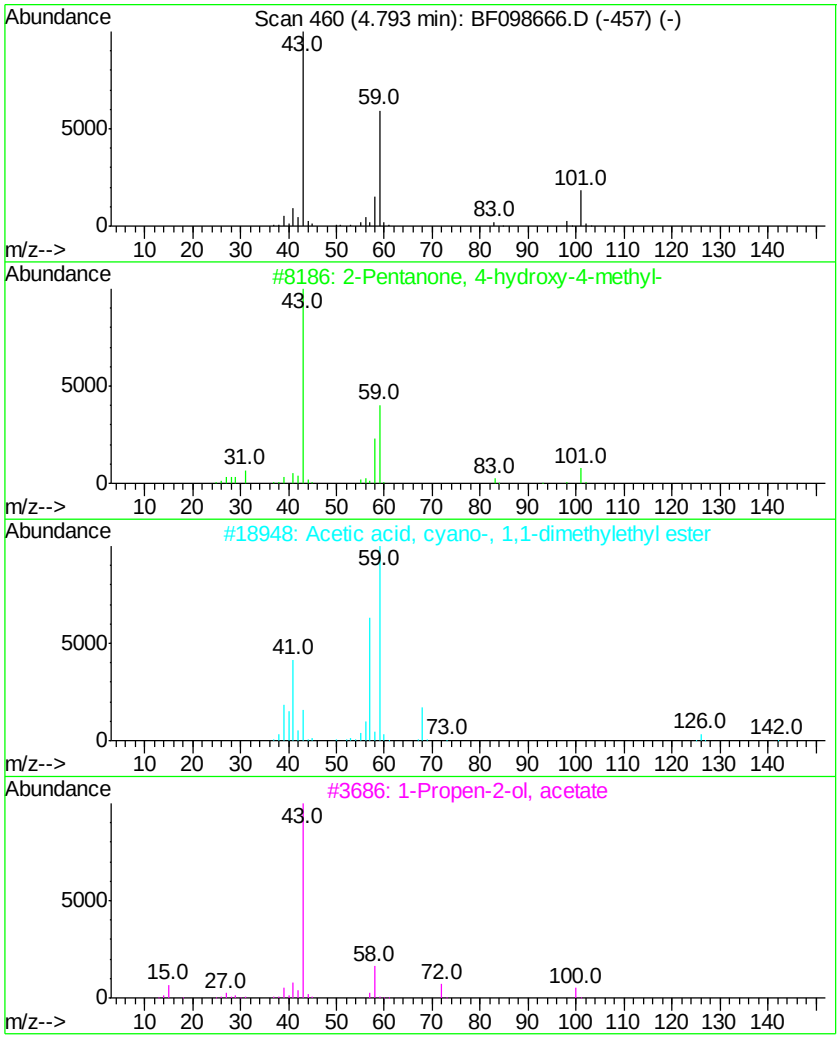
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

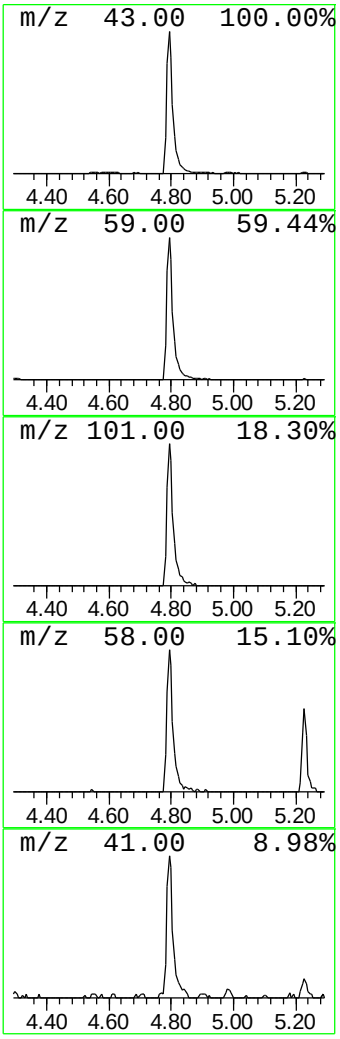
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	17.53 ng	509875	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : I5285-03
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSTP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

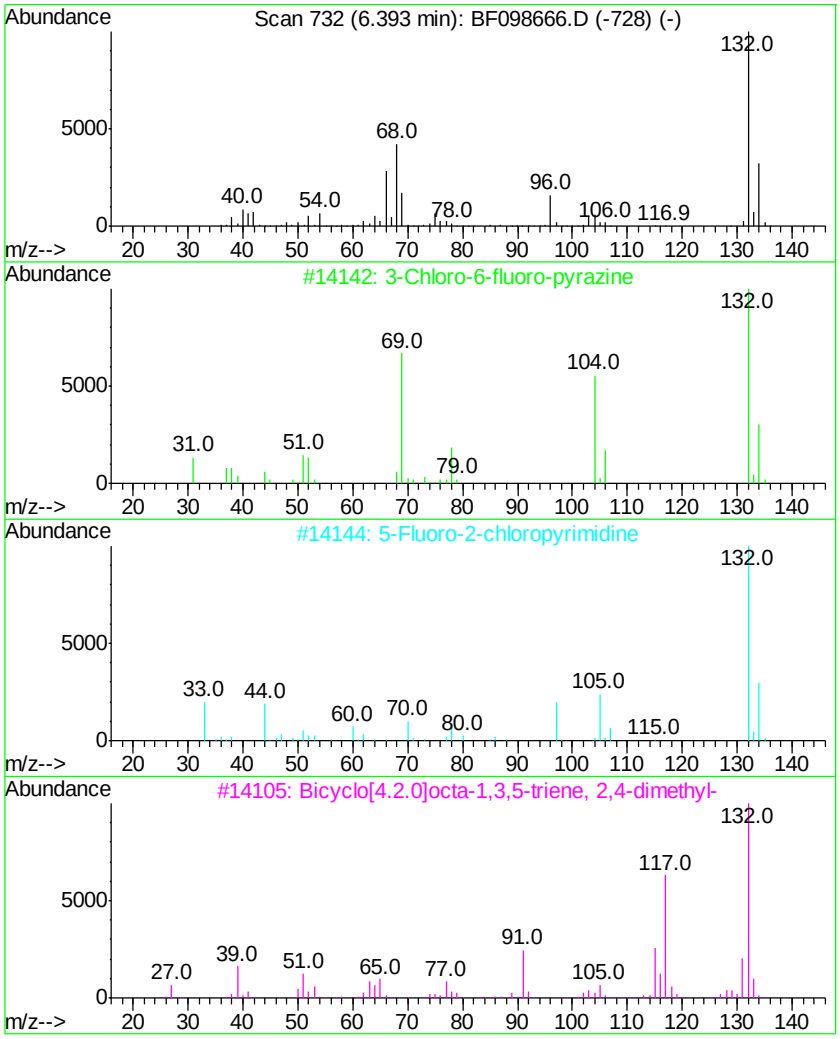
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

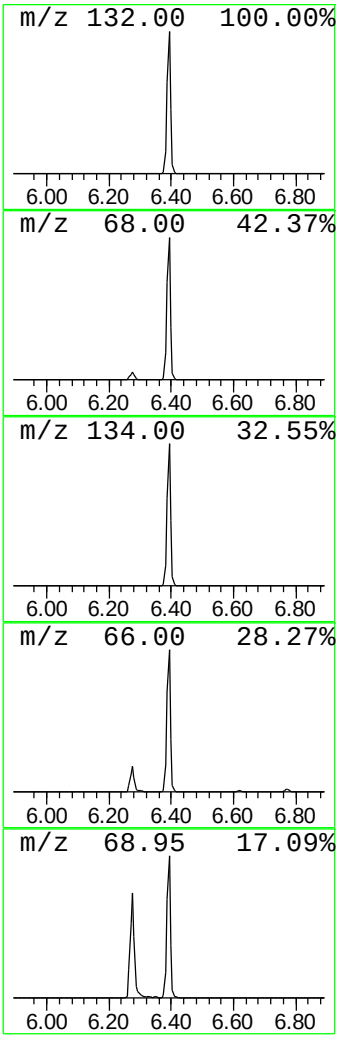
****

Peak Number 2 unknown6.39 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	77.12 ng	2243260	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
ClientSampleId : CSTP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

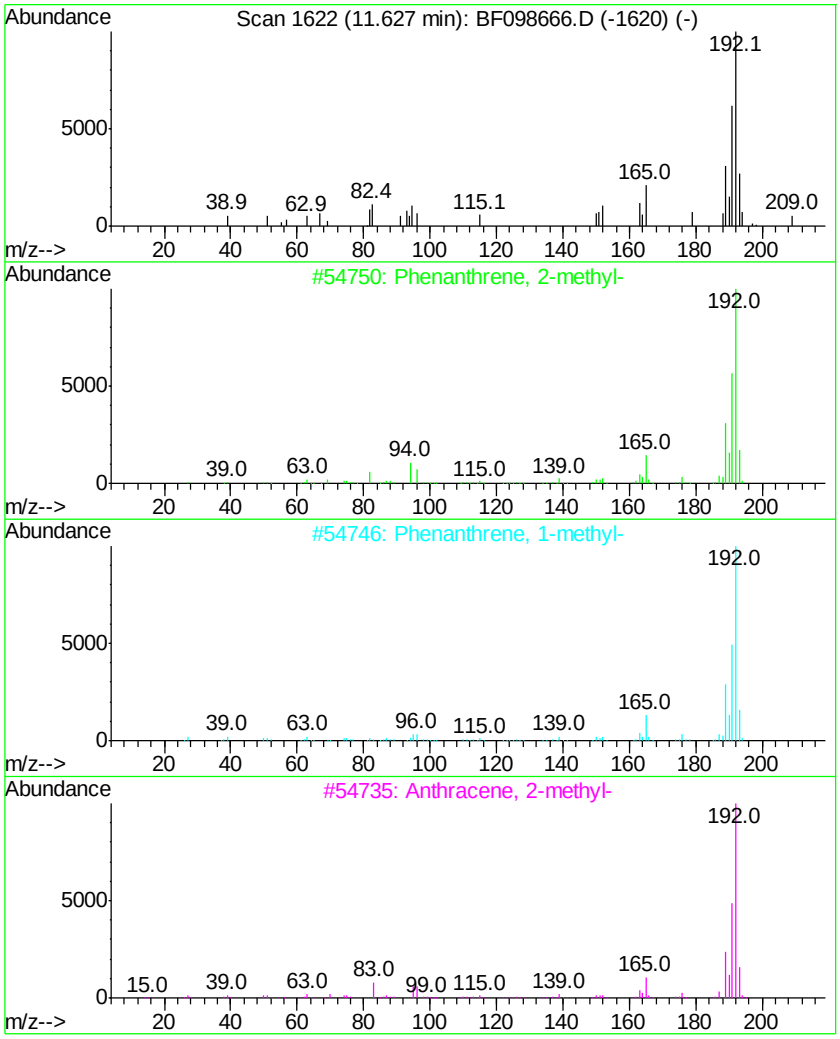
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

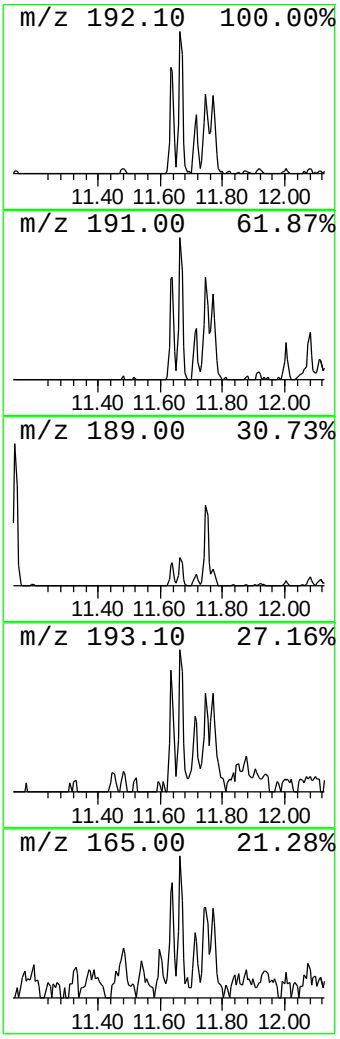
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	2.20 ng	64345	Phenanthrene-d10	11.13

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Instrument : BNA_F
ClientSampleId : CSTP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
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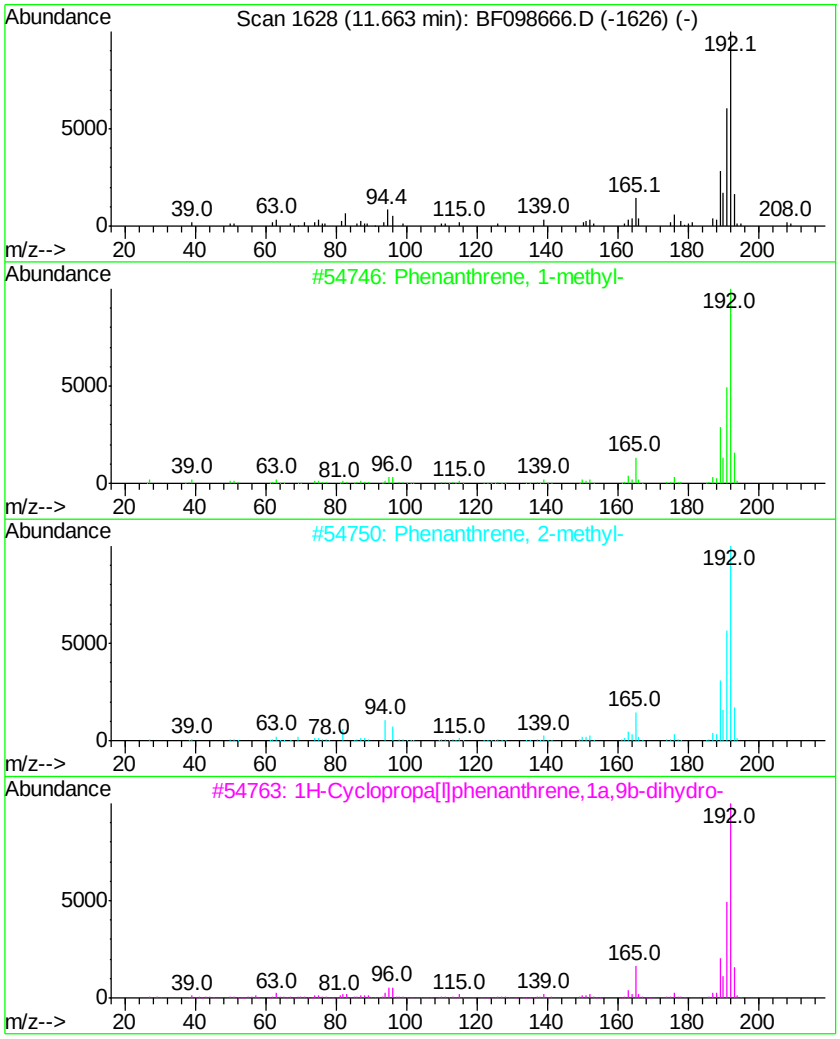
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

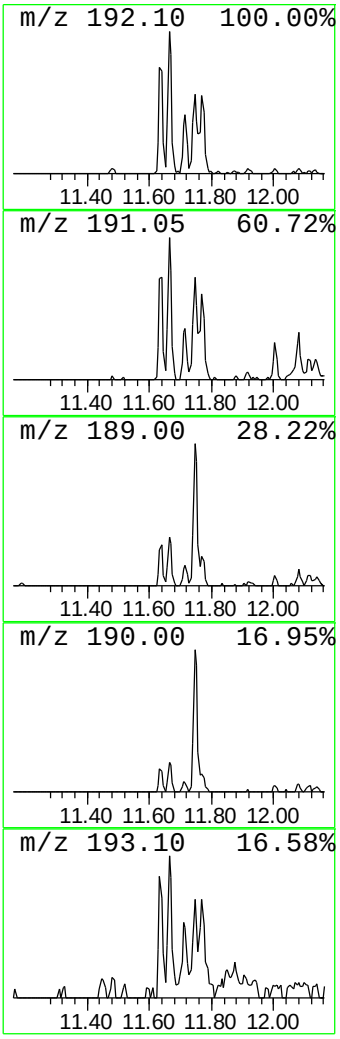
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	2.80 ng	82069	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : I5285-03
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSTP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

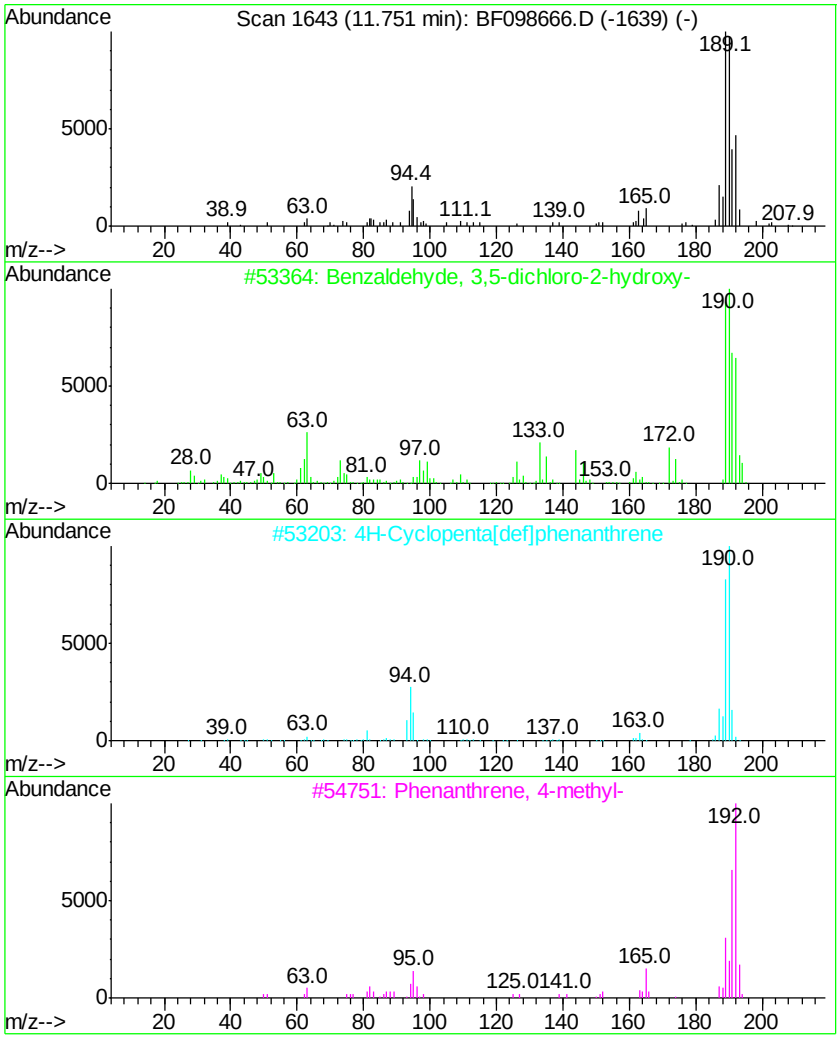
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

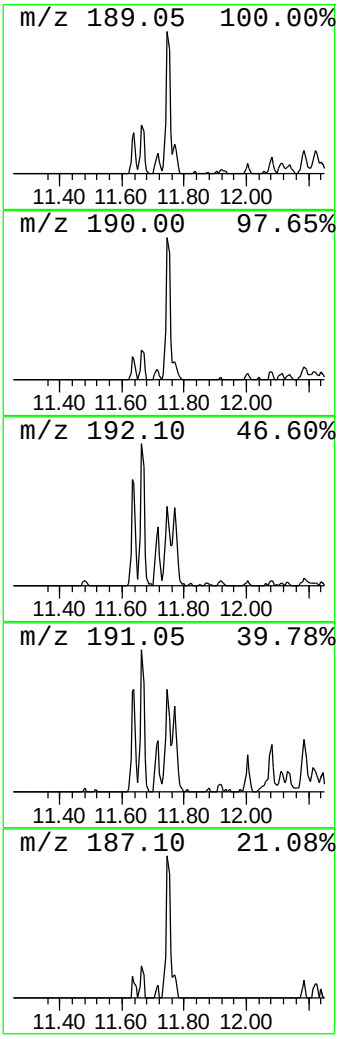
****

Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	4.12 ng	120690	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
4	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





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Instrument : BNA_F
ClientSampleId : CSTP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

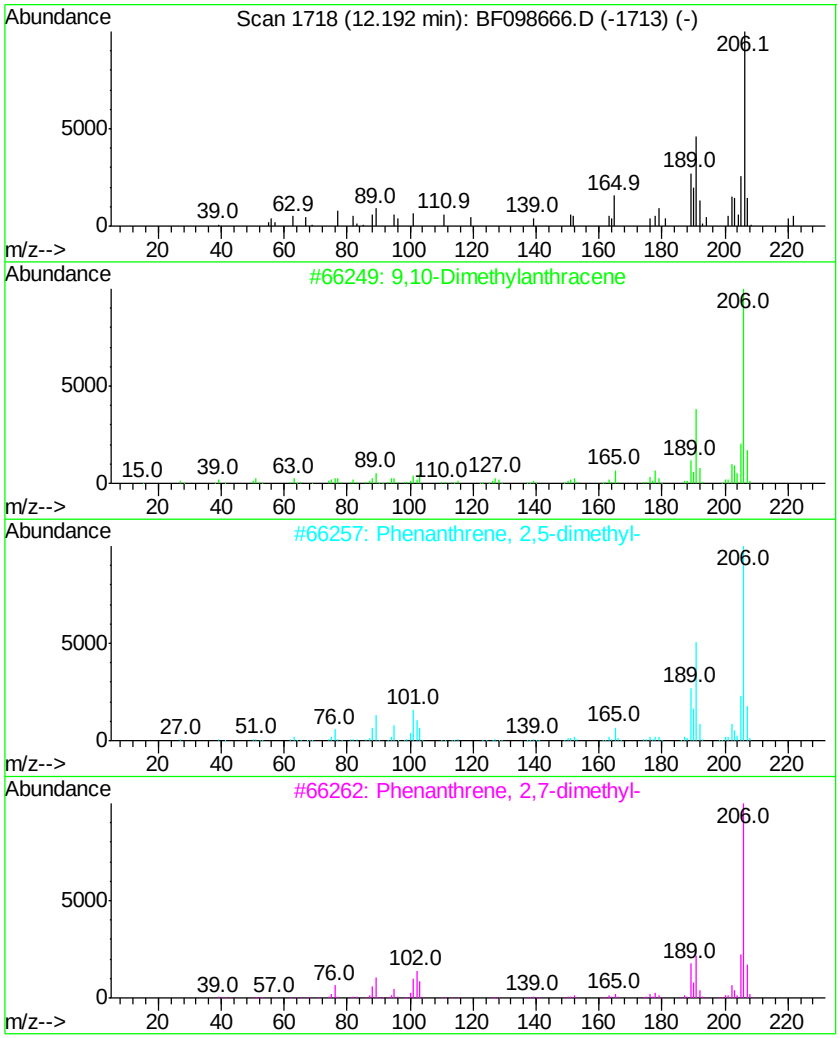
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

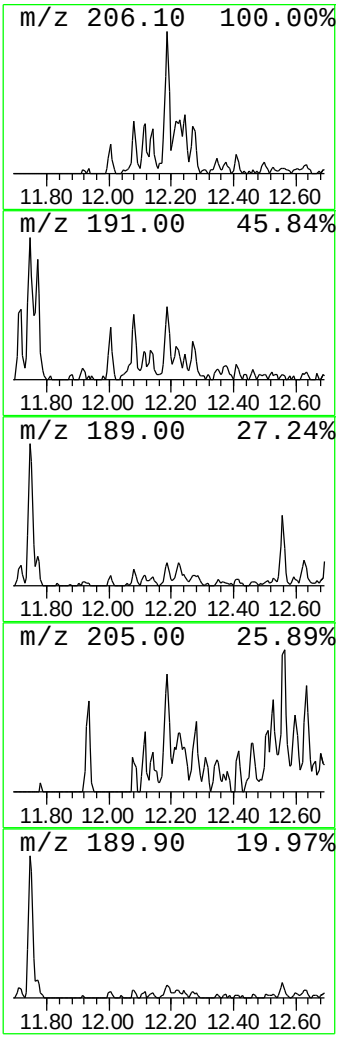
****

Peak Number 8 9,10-Dimethylanthracene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.06 ng	60298	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098666.D
Acq On : 20 Sep 2017 18:04
Operator : SJ/JU
Sample : I5285-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSTP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

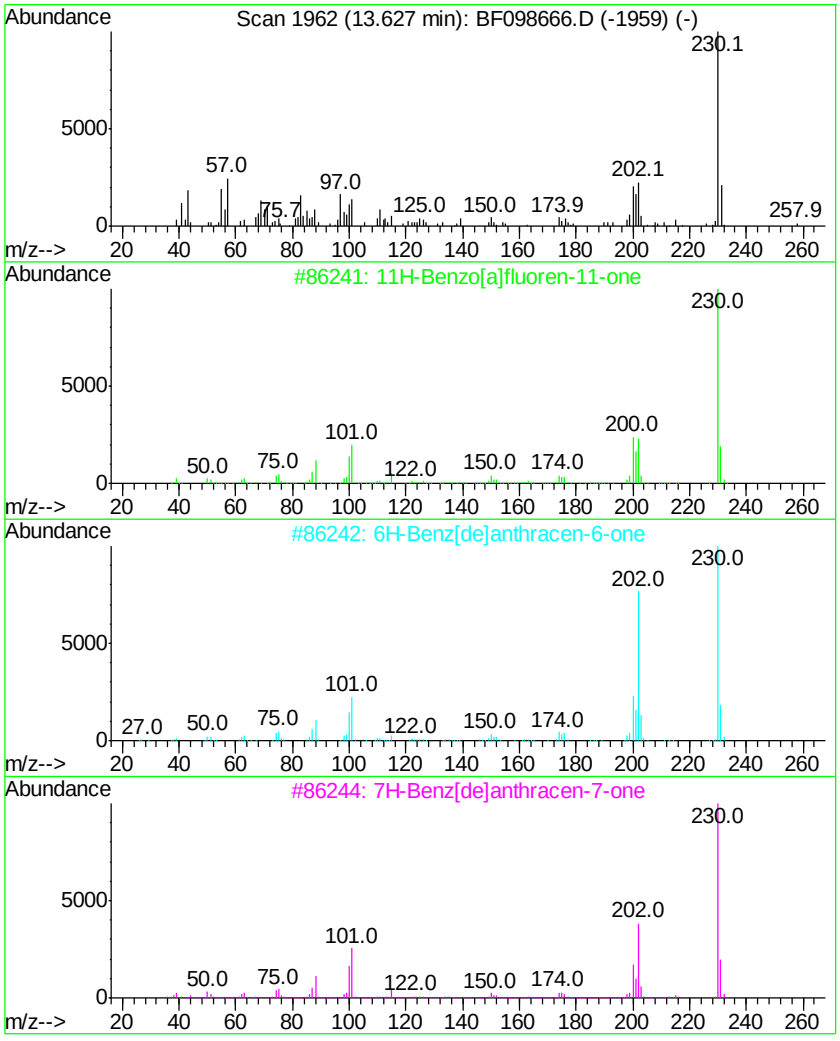
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

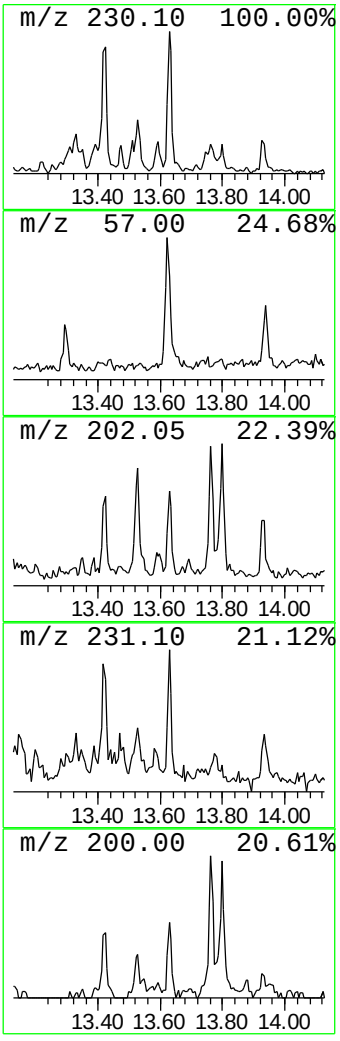
****

Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.74 ng	169158	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
5	m-Terphenyl	230	C18H14	000092-06-8	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098666.D
Acq On : 20 Sep 2017 18:04
Operator : SJ/JU
Sample : I5285-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSTP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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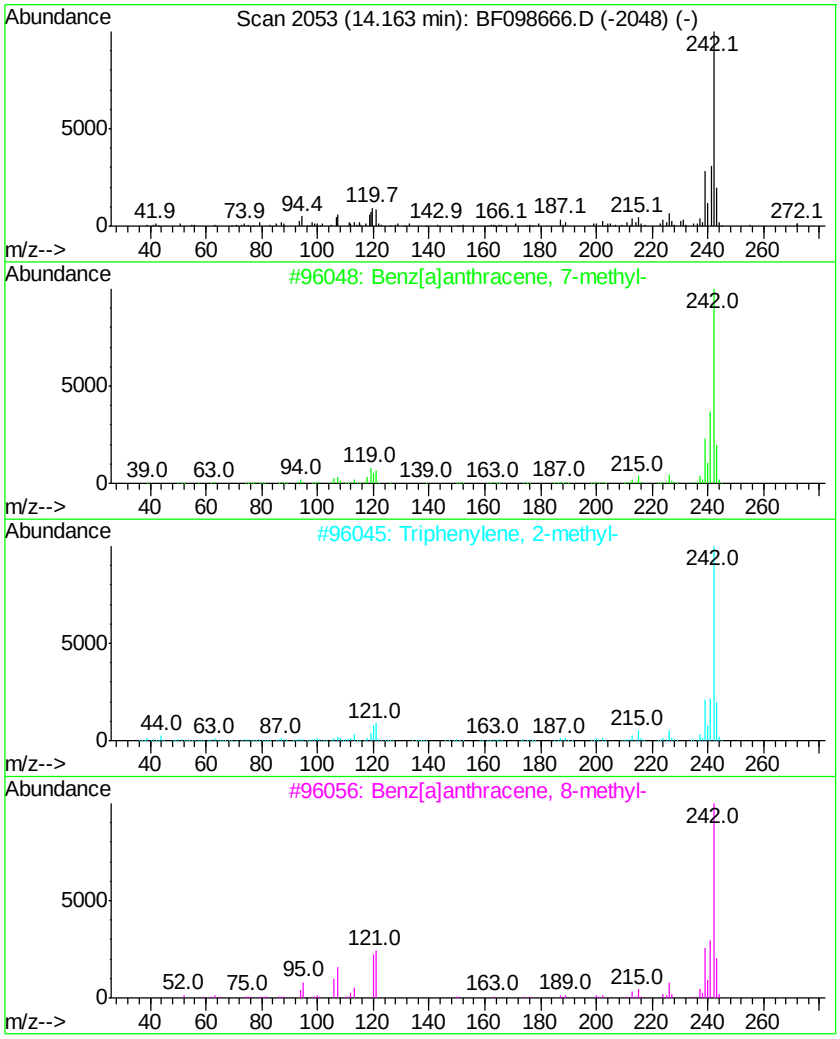
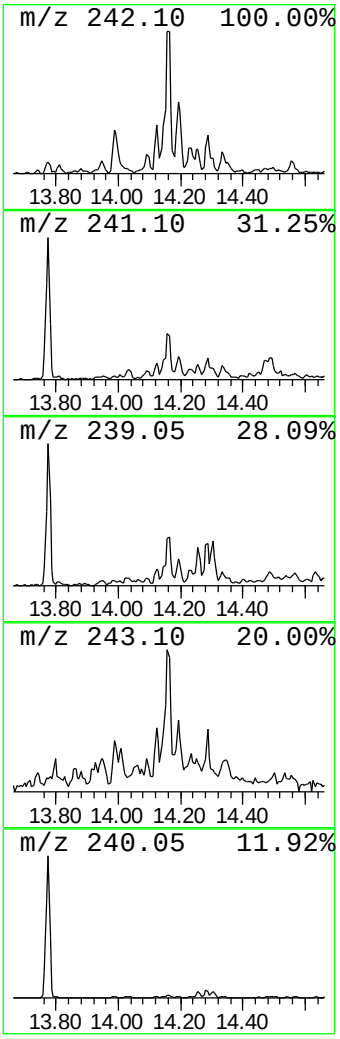
Peak Number 10 Benz[a]anthracene, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.75 ng	170324	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	93





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Data File : BF098666.D
Acq On : 20 Sep 2017 18:04
Operator : SJ/JU
Sample : I5285-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSTP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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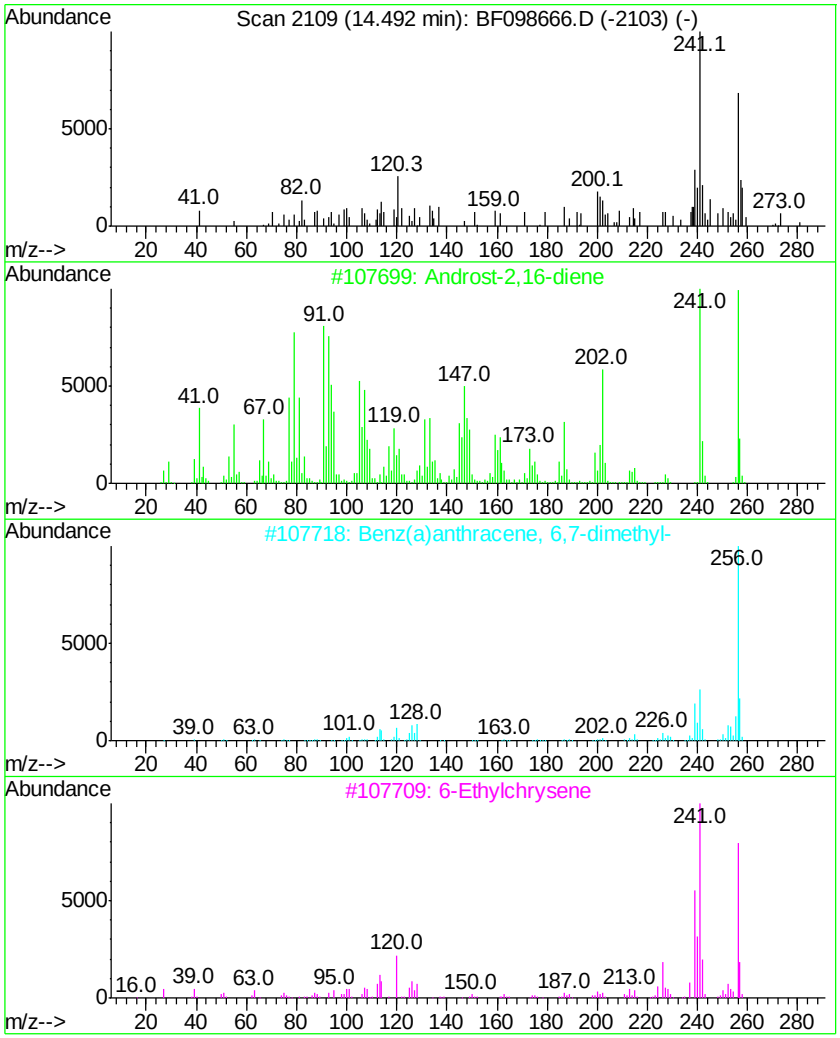
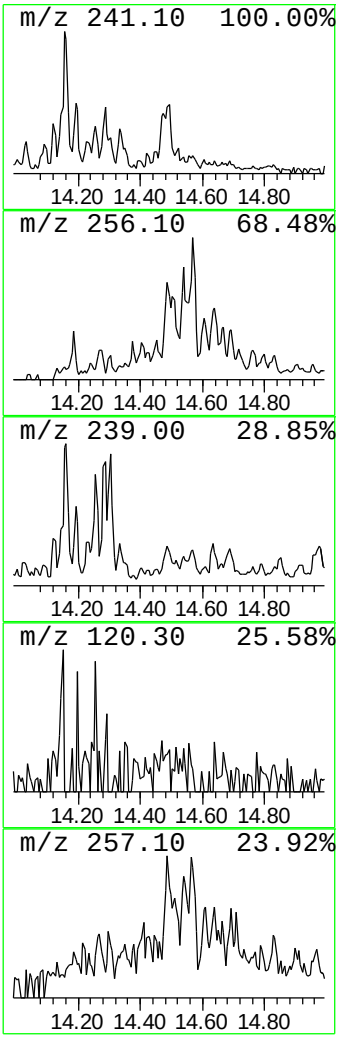
Peak Number 11 Androst-2,16-diene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.73 ng	77529	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-2,16-diene	256	C19H28	1000193-07-5	91
2	Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	70
3	6-Ethylchrysene	256	C20H16	1000342-58-3	70
4	Benz(a)anthracene, 12-ethyl-	256	C20H16	018868-66-1	64
5	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	53





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Acq On : 20 Sep 2017 18:04
Operator : SJ/JU
Sample : I5285-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSTP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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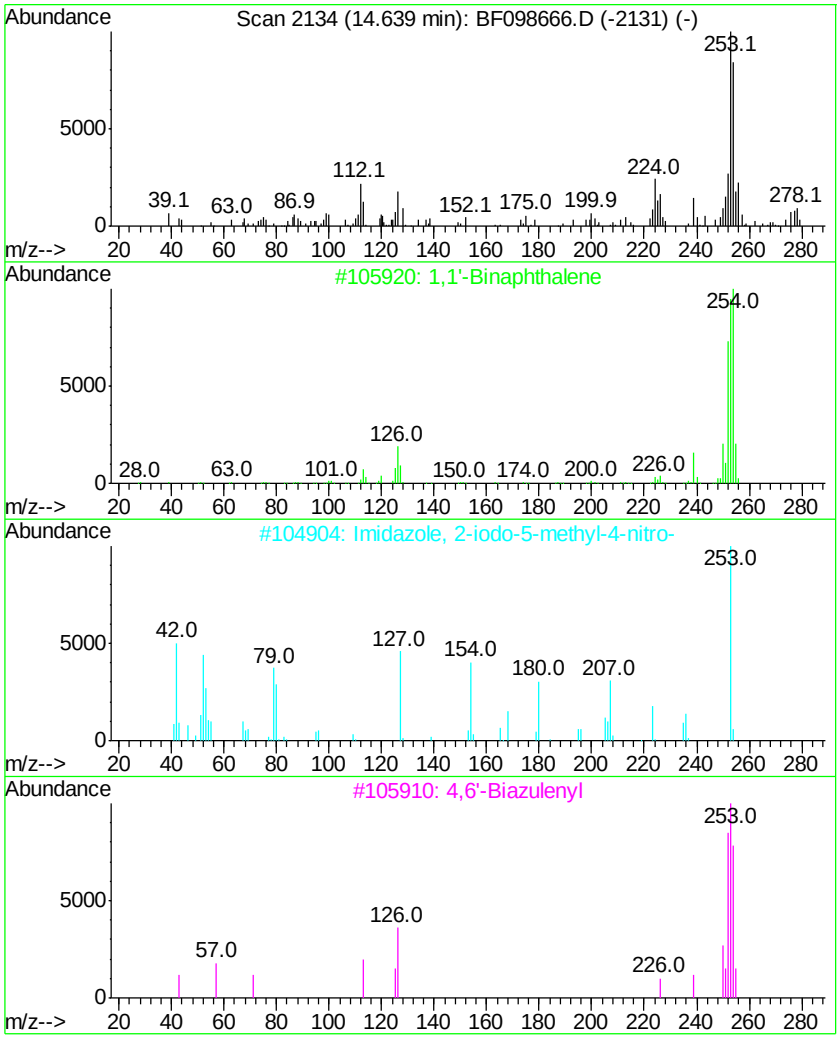
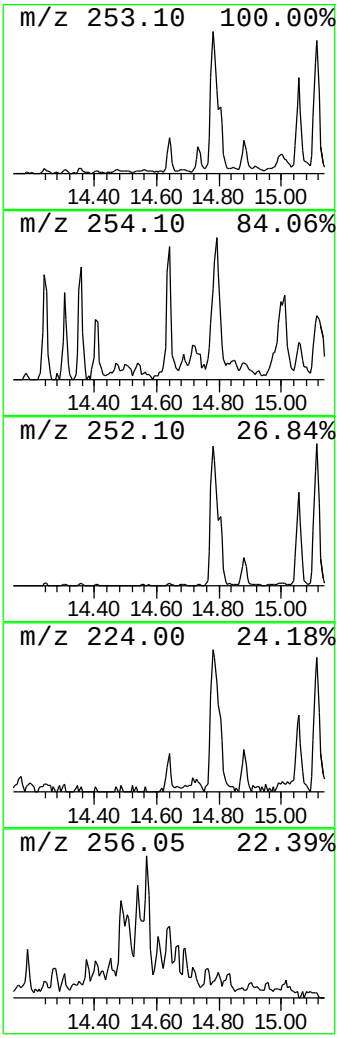
Peak Number 12 1,1'-Binaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.56 ng	72847	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	78
2	Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	60
3	4,6'-Biazulenyl	254	C20H14	094154-49-1	53
4	4,4'-Biazulenyl	254	C20H14	094053-54-0	53
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098666.D
Acq On : 20 Sep 2017 18:04
Operator : SJ/JU
Sample : I5285-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSTP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

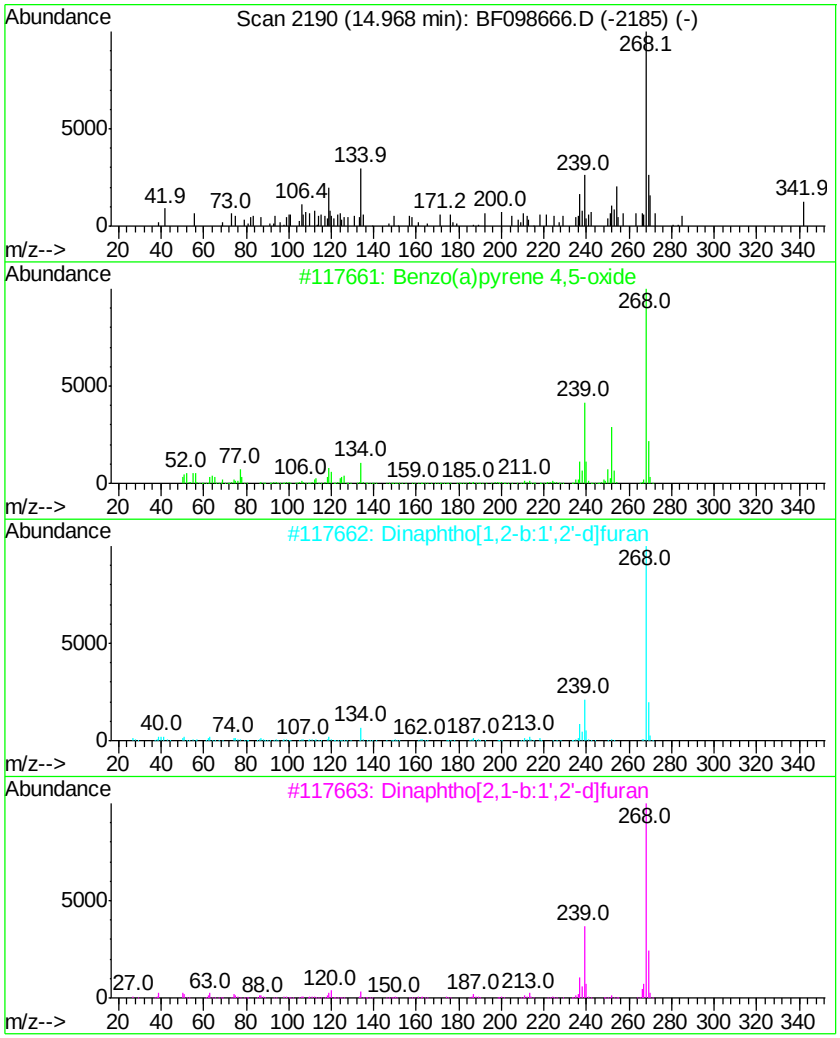
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

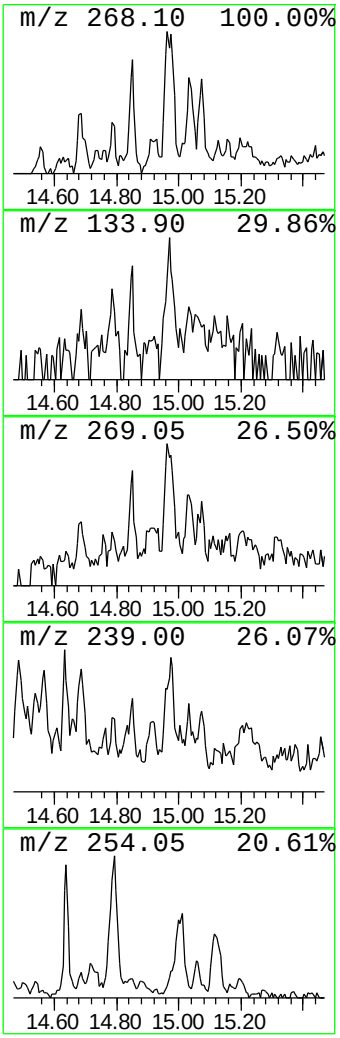
****

Peak Number 14 Benzo(a)pyrene 4,5-oxide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	2.53 ng	71793	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	59
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	58
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	52
4	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	49
5	Diethylstilbestrol	268	C18H20O2	000056-53-1	47





Library Search Compound Report

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Acq On : 20 Sep 2017 18:04
Operator : SJ/JU
Sample : I5285-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSTP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
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TIC Library : C:\DATABASE\NIST11.L
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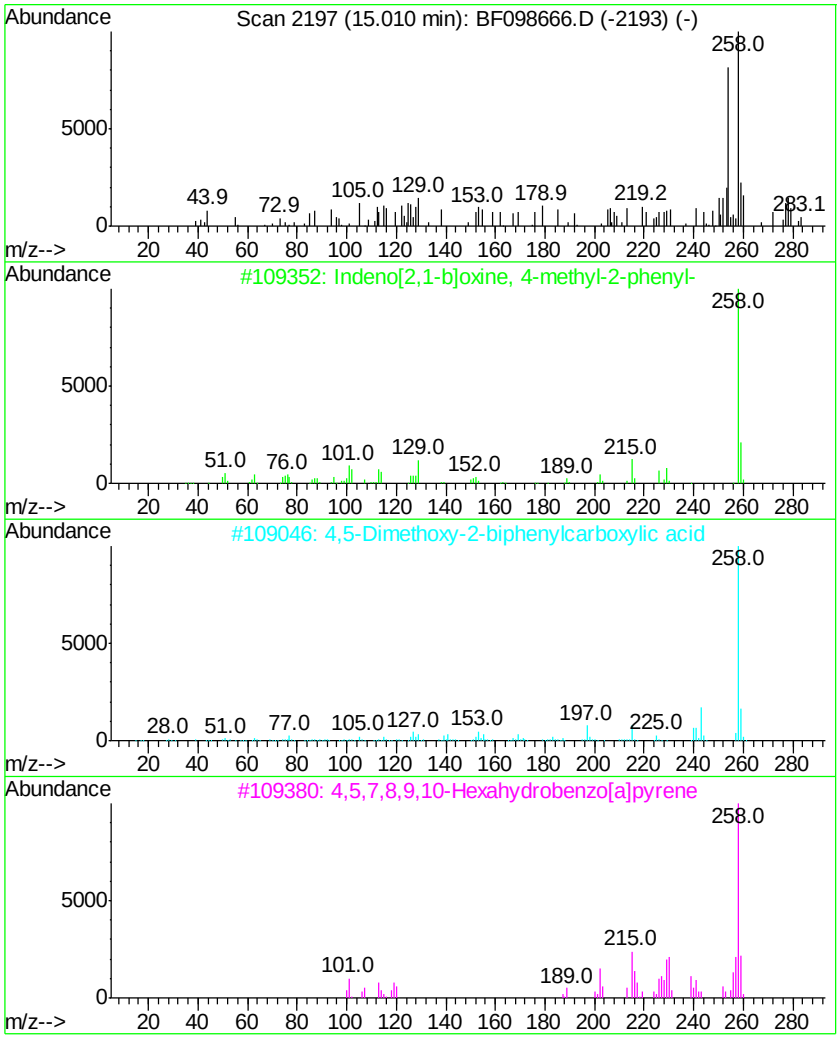
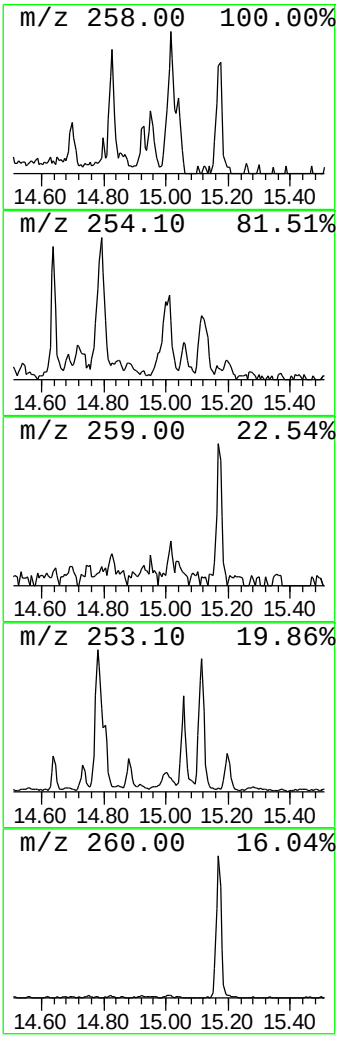
Peak Number 15 unknown15.01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	2.67 ng	75893	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-b]oxine, 4-methyl-2-p...	258	C19H14O	062096-45-1	30
2	4,5-Dimethoxy-2-biphenylcarboxyl...	258	C15H14O4	162137-38-4	30
3	4,5,7,8,9,10-Hexahydrobenzo[a]py...	258	C20H18	073712-75-1	30
4	Benzenamine, 4-(9H-carbazol-9-yl)-	258	C18H14N2	052708-37-9	27
5	Benzo[1,2-b:4,3-b']bisbenzofuran	258	C18H10O2	000192-93-8	27





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Sample : I5285-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSTP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
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TIC Library : C:\DATABASE\NIST11.L
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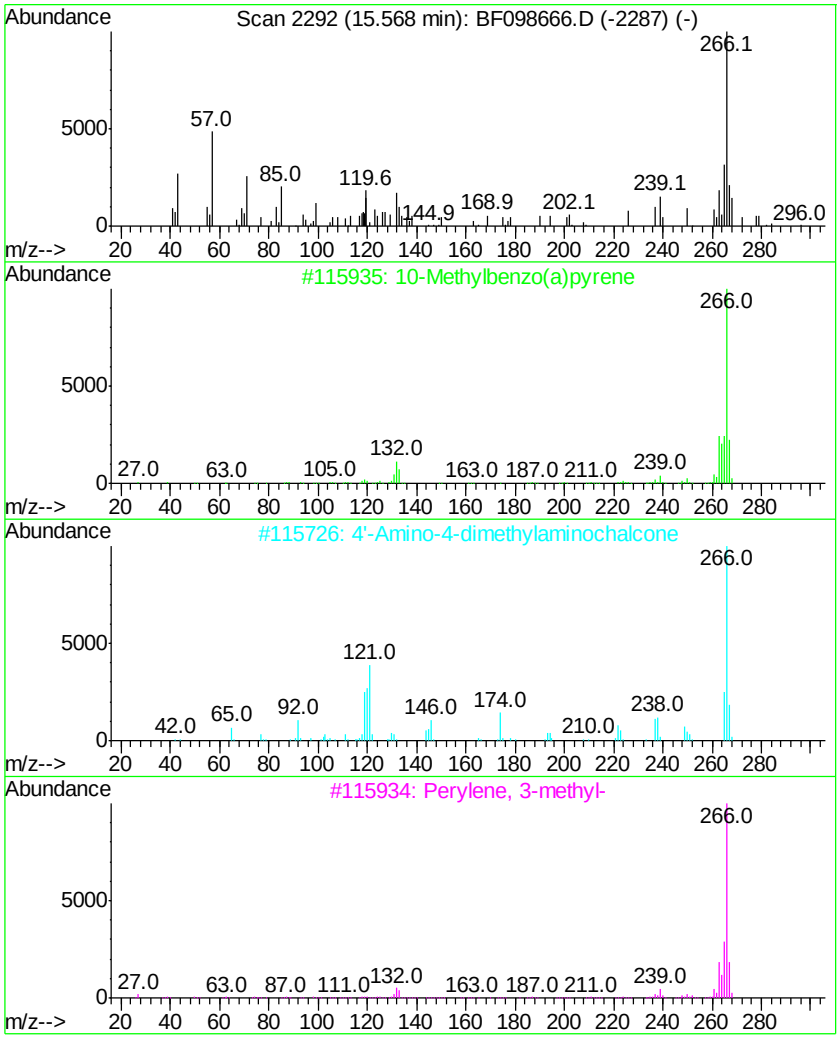
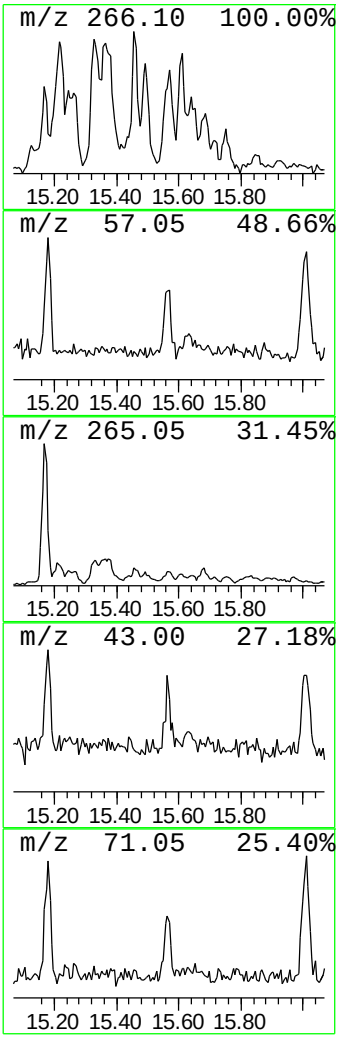
Peak Number 17 10-Methylbenzo(a)pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.23 ng	63293	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	60
2	4'-Amino-4-dimethylaminochalcone	266	C17H18N2O	025870-72-8	53
3	Perylene, 3-methyl-	266	C21H14	024471-47-4	53
4	4H-1,2,4-Triazol-4-amine, 3,5-bi...	266	C14H14N6	1000350-00-5	53
5	[2]Benzopyrano[4,3-b][1]benzopyr...	284	C17H16O4	022396-10-7	47





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Sample : I5285-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSTP-3

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TIC Integration Parameters: LSCINT.P

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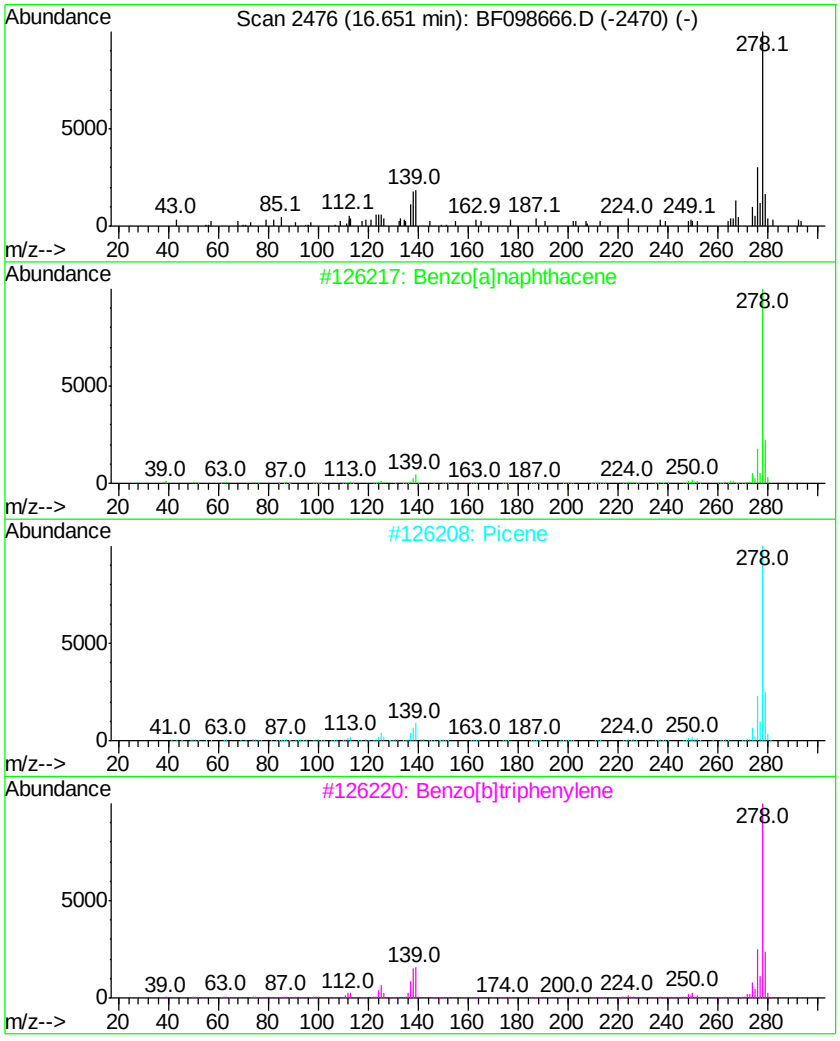
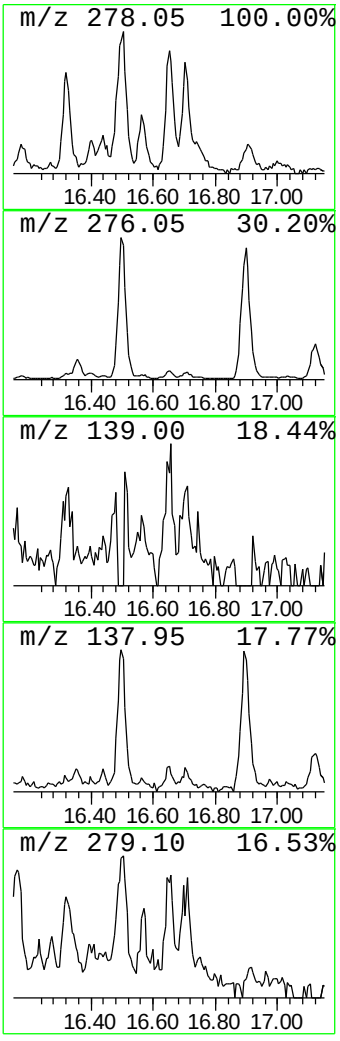
Peak Number 18 Benzo[a]naphthacene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	3.29 ng	93585	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]naphthacene	278	C22H14	000226-88-0	89
2	Picene	278	C22H14	000213-46-7	83
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	78
4	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	64
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	60





Tentatively Identified Compound (LSC) summary

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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...	4.79	17.5	ng	509875	1	6.62	581790	20.0
unknown6.39	6.39	77.1	ng	2243260	1	6.62	581790	20.0
Phenanthrene, 2-m...	11.63	2.2	ng	64345	4	11.13	585865	20.0
Phenanthrene, 1-m...	11.66	2.8	ng	82069	4	11.13	585865	20.0
Benzaldehyde, 3,5...	11.75	4.1	ng	120690	4	11.13	585865	20.0
9,10-Dimethylanth...	12.19	2.1	ng	60298	4	11.13	585865	20.0
11H-Benzo[a]fluor...	13.63	2.7	ng	169158	5	13.77	1236960	20.0
Benz[a]anthracene...	14.16	2.8	ng	170324	5	13.77	1236960	20.0
Androst-2,16-diene	14.49	2.7	ng	77529	6	15.17	568439	20.0
1,1'-Binaphthalene	14.64	2.6	ng	72847	6	15.17	568439	20.0
Benzo(a)pyrene 4,...	14.97	2.5	ng	71793	6	15.17	568439	20.0
unknown15.01	15.01	2.7	ng	75893	6	15.17	568439	20.0
10-Methylbenzo(a)...	15.57	2.2	ng	63293	6	15.17	568439	20.0
Benzo[a]naphthacene	16.65	3.3	ng	93585	6	15.17	568439	20.0