LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081615.D
Acq On : 14 Sep 2015 19:27
Operator : UM/IZ
Sample : G3597-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9(0-5)

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-BF090115.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	1.463	8	11	16	rBV	13274	34887	2.34%	0.170%
2	1.543	16	18	49	rVB	456260	1489956	100.00%	7.240%
3	4.480	272	275	290	rBV	130156	268032	17.99%	1.302%
4	5.371	351	353	369	rBV	218118	435483	29.23%	2.116%
5	7.646	549	552	558	rBV	245077	458375	30.76%	2.227%
6	7.737	558	560	570	rVB	261028	483059	32.42%	2.347%
7	8.229	600	603	607	rBV	266806	415834	27.91%	2.021%
8	8.549	628	631	638	rBB	203087	344557	23.13%	1.674%
9	9.520	713	716	727	rBB	192691	297197	19.95%	1.444%
10	11.132	853	857	860	rBV	343522	531746	35.69%	2.584%
11	13.772	1084	1088	1091	rBV	328934	486941	32.68%	2.366%
12	14.824	1177	1180	1185	rVB	49223	77039	5.17%	0.374%
13	14.915	1185	1188	1191	rBV	35576	55140	3.70%	0.268%
14	15.270	1215	1219	1223	rBV	323433	527097	35.38%	2.561%
15	15.338	1223	1225	1228	rVB	36658	52765	3.54%	0.256%
16	15.761	1260	1262	1267	rBV	14814	21411	1.44%	0.104%
17	16.573	1330	1333	1338	rVB2	23607	43724	2.93%	0.212%
18	17.167	1381	1385	1391	rBB2	147293	269324	18.08%	1.309%
19	17.807	1438	1441	1446	rBV	9893	28136	1.89%	0.137%
20	18.253	1475	1480	1483	rBV4	8685	20581	1.38%	0.100%
21	18.344	1486	1488	1491	rVB	33439	51641	3.47%	0.251%
22	18.516	1500	1503	1506	rVB	28272	46880	3.15%	0.228%
23	18.779	1522	1526	1528	rBV	277737	488169	32.76%	2.372%
24	18.836	1528	1531	1534	rVV	498518	793136	53.23%	3.854%
25	18.893	1534	1536	1538	rVV	10821	20674	1.39%	0.100%
26	18.950	1538	1541	1548	rVB	102507	170310	11.43%	0.828%
27	19.419	1580	1582	1586	rVB	31565	56860	3.82%	0.276%
28	19.579	1593	1596	1599	rVB	17785	30736	2.06%	0.149%
29	19.933	1622	1627	1630	rVB2	11250	24544	1.65%	0.119%
30	20.002	1630	1633	1636	rBV	62191	106584	7.15%	0.518%
31	20.070	1636	1639	1642	rVV	72244	125826	8.44%	0.611%
32	20.173	1646	1648	1650	rVV	21977	39130	2.63%	0.190%
33	20.219	1650	1652	1657	rVV2	50955	154513	10.37%	0.751%
34	20.299	1657	1659	1663	rVB	40162	73136	4.91%	0.355%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081615.D
Acq On : 14 Sep 2015 19:27
Operator : UM/IZ
Sample : G3597-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9(0-5)

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.516	1673	1678	1681	rBV3	17237	43296	2.91%	0.210%
36	20.756	1693	1699	1703	rBV2	77114	184302	12.37%	0.896%
37	20.870	1707	1709	1712	rBV	25477	34916	2.34%	0.170%
38	21.030	1718	1723	1726	rBV3	12503	37275	2.50%	0.181%
39	21.087	1726	1728	1730	rVV	16840	28381	1.90%	0.138%
40	21.213	1736	1739	1741	rBV	45525	88601	5.95%	0.431%
41	21.259	1741	1743	1746	rVV2	27127	62092	4.17%	0.302%
42	21.316	1746	1748	1750	rVV2	59868	100399	6.74%	0.488%
43	21.362	1750	1752	1756	rVV2	20262	42835	2.87%	0.208%
44	21.453	1756	1760	1763	rVV	917865	1235067	82.89%	6.001%
45	21.556	1765	1769	1771	rBV2	26383	63549	4.27%	0.309%
46	21.602	1771	1773	1775	rVV2	28175	37735	2.53%	0.183%
47	21.670	1775	1779	1782	rVV	19982	45551	3.06%	0.221%
48	21.727	1782	1784	1787	rVV3	20995	28638	1.92%	0.139%
49	21.796	1787	1790	1793	rVV	901211	1381545	92.72%	6.713%
50	21.910	1798	1800	1803	rBV	42082	66903	4.49%	0.325%
51	21.967	1803	1805	1807	rVB	15150	18916	1.27%	0.092%
52	22.013	1807	1809	1810	rBV	50952	66600	4.47%	0.324%
53	22.036	1810	1811	1814	rVV	209045	311064	20.88%	1.512%
54	22.116	1816	1818	1820	rBV	339521	398359	26.74%	1.936%
55	22.150	1820	1821	1824	rVB2	75894	123288	8.27%	0.599%
56	22.207	1824	1826	1829	rBV	17109	22744	1.53%	0.111%
57	22.310	1829	1835	1837	rBV2	98463	229211	15.38%	1.114%
58	22.402	1840	1843	1845	rBV	73027	92922	6.24%	0.452%
59	22.436	1845	1846	1852	rVV3	85737	203532	13.66%	0.989%
60	22.550	1854	1856	1858	rVV2	61588	91522	6.14%	0.445%
61	22.596	1858	1860	1861	rVV2	67107	78638	5.28%	0.382%
62	22.676	1865	1867	1869	rVV3	17114	30409	2.04%	0.148%
63	22.710	1869	1870	1872	rVB2	15571	17209	1.16%	0.084%
64	22.847	1877	1882	1883	rBV5	20885	55479	3.72%	0.270%
65	22.870	1883	1884	1887	rVB3	24985	29897	2.01%	0.145%
66	22.950	1888	1891	1894	rBV2	182470	324743	21.80%	1.578%
67	23.008	1894	1896	1897	rVB3	32784	39958	2.68%	0.194%
68	23.030	1897	1898	1900	rBV2	25469	33385	2.24%	0.162%
69	23.099	1902	1904	1905	rBV2	81420	110917	7.44%	0.539%
70	23.133	1905	1907	1910	rVB2	92146	164257	11.02%	0.798%
71	23.179	1910	1911	1913	rBV2	62565	77369	5.19%	0.376%

LSC Area Percent Report

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Data File : BF081615.D
Acq On : 14 Sep 2015 19:27
Operator : UM/IZ
Sample : G3597-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9(0-5)

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	23.225	1913	1915	1919	rVB	92752	123577	8.29%	0.600%
73	23.293	1919	1921	1925	rBV	32565	45801	3.07%	0.223%
74	23.396	1925	1930	1931	rBV2	669906	1145493	76.88%	5.566%
75	23.430	1931	1933	1935	rVB	615717	621242	41.70%	3.019%
76	23.465	1935	1936	1938	rVB2	33882	35949	2.41%	0.175%
77	23.510	1938	1940	1941	rBV2	94386	107665	7.23%	0.523%
78	23.568	1943	1945	1946	rBV2	29032	39034	2.62%	0.190%
79	23.636	1949	1951	1953	rVB2	75195	89671	6.02%	0.436%
80	23.682	1953	1955	1957	rBV2	62378	87288	5.86%	0.424%
81	23.728	1957	1959	1961	rVB2	61780	80355	5.39%	0.390%
82	23.808	1964	1966	1967	rBV	53504	66314	4.45%	0.322%
83	23.842	1967	1969	1971	rBV	110542	132040	8.86%	0.642%
84	23.876	1971	1972	1975	rBV2	36423	42263	2.84%	0.205%
85	23.945	1976	1978	1979	rVV2	29308	31857	2.14%	0.155%
86	23.979	1979	1981	1983	rVB2	29388	53707	3.60%	0.261%
87	24.048	1986	1987	1992	rVB2	55264	95390	6.40%	0.464%
88	24.185	1995	1999	2002	rBV5	47846	113890	7.64%	0.553%
89	24.356	2011	2014	2016	rBV2	82285	116585	7.82%	0.567%
90	24.505	2023	2027	2031	rBV	501705	966059	64.84%	4.694%
91	24.585	2031	2034	2036	rVB2	104783	117958	7.92%	0.573%
92	24.653	2038	2040	2041	rBV2	44821	72672	4.88%	0.353%
93	24.745	2045	2048	2050	rVV	246337	348245	23.37%	1.692%
94	24.791	2050	2052	2054	rVV	458423	433148	29.07%	2.105%
95	24.836	2054	2056	2062	rVV2	267552	438938	29.46%	2.133%
96	25.236	2089	2091	2097	rVB3	43677	79642	5.35%	0.387%
97	25.636	2124	2126	2129	rBV3	34446	54218	3.64%	0.263%
98	25.888	2145	2148	2151	rVB	136789	236283	15.86%	1.148%
99	26.196	2172	2175	2181	rVB	103921	206359	13.85%	1.003%
100	27.751	2309	2311	2316	rVB2	34291	72987	4.90%	0.355%

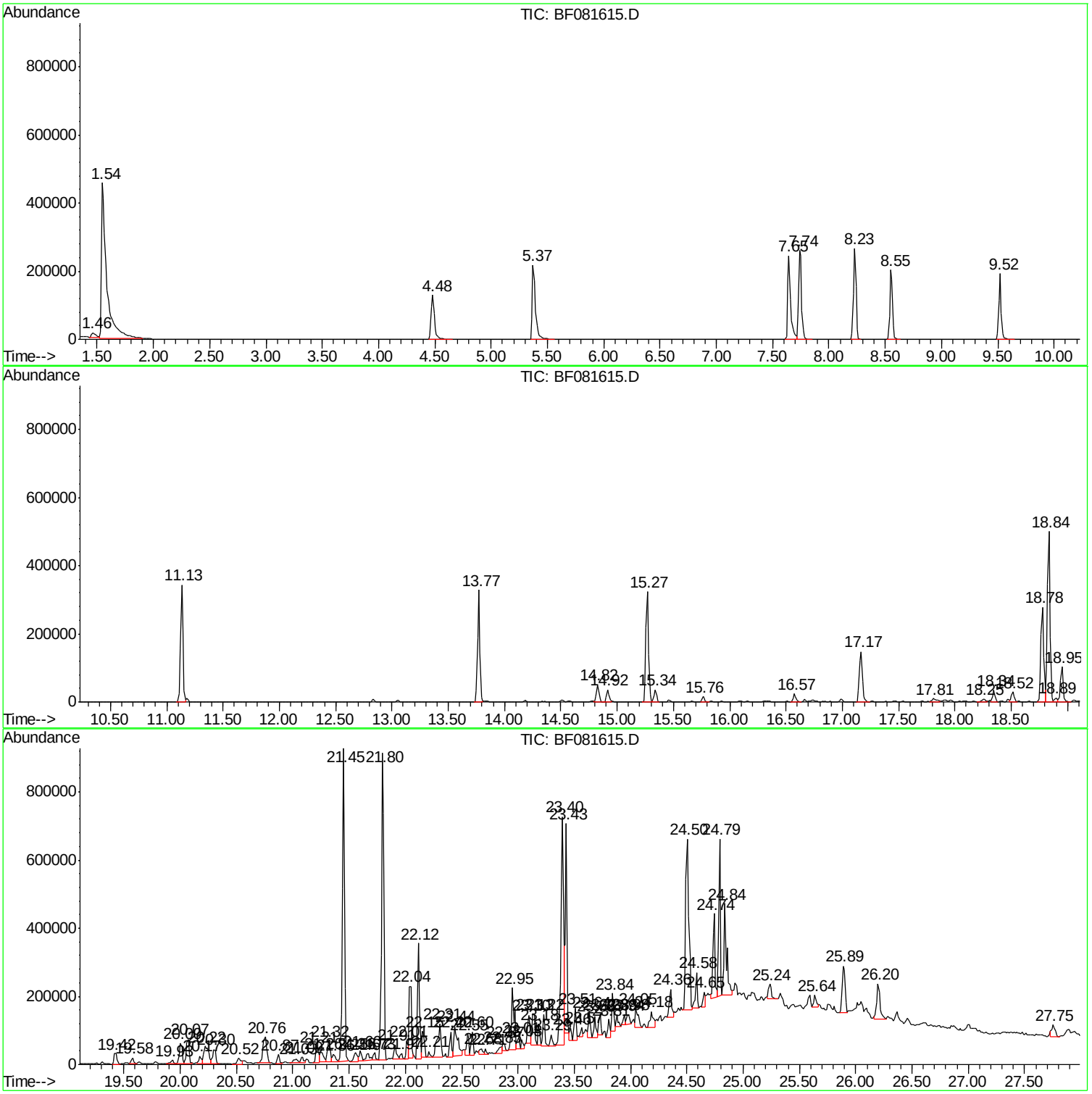
Sum of corrected areas: 20579557

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081615.D
Acq On : 14 Sep 2015 19:27
Operator : UM/IZ
Sample : G3597-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-9(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081615.D
Acq On : 14 Sep 2015 19:27
Operator : UM/IZ
Sample : G3597-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

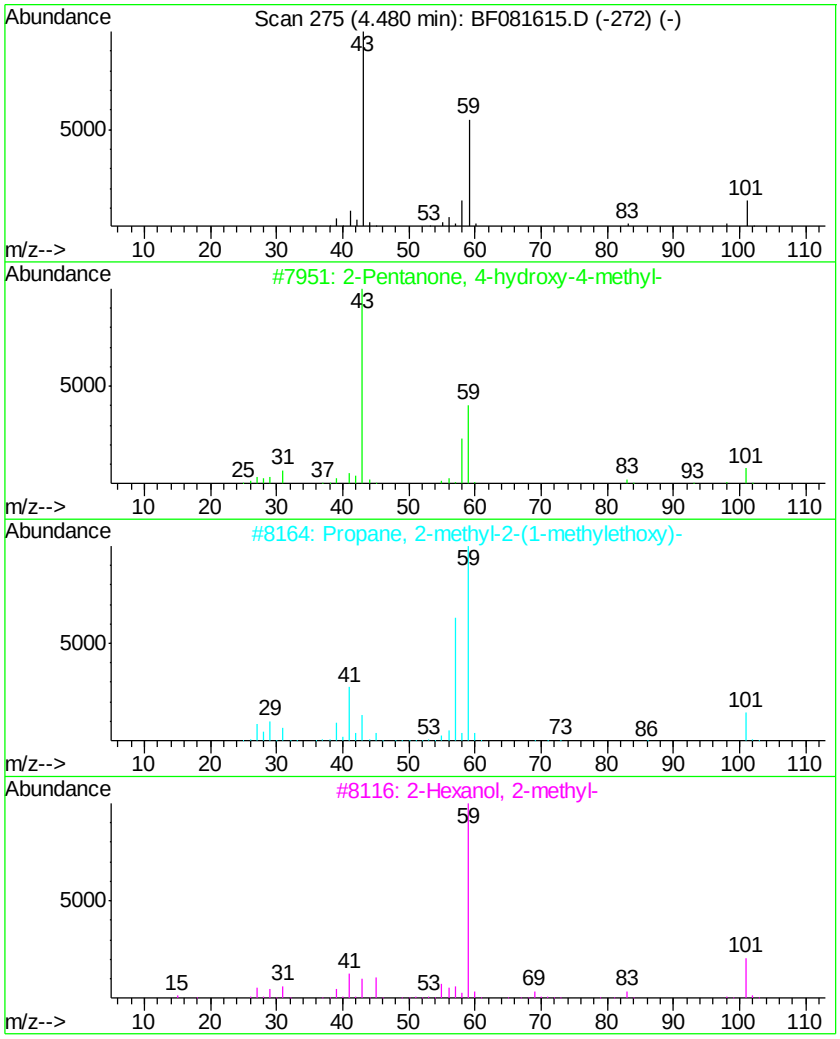
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

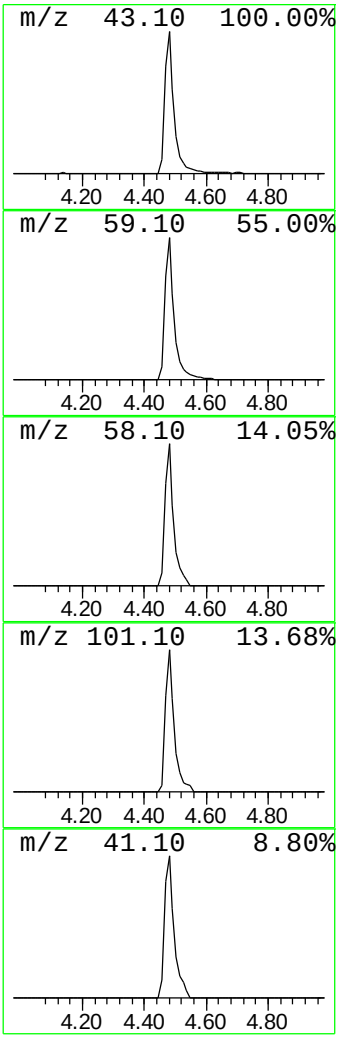
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	12.89 ng	268032	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081615.D
Acq On : 14 Sep 2015 19:27
Operator : UM/IZ
Sample : G3597-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

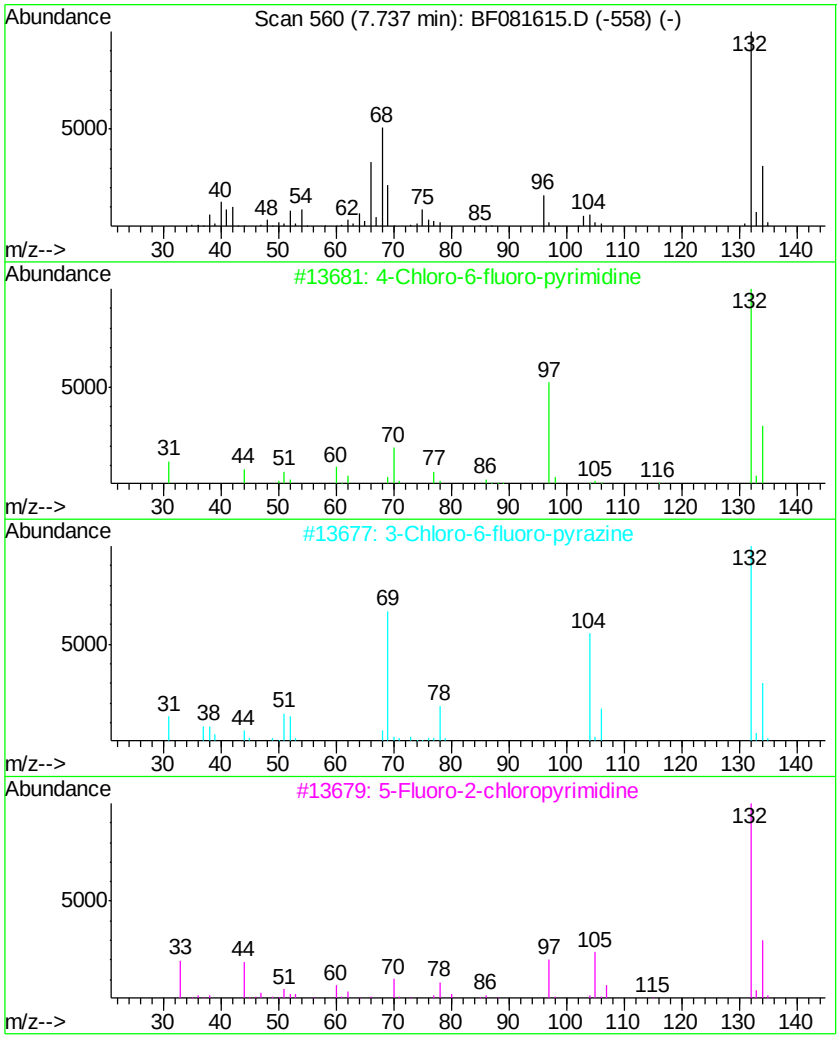
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

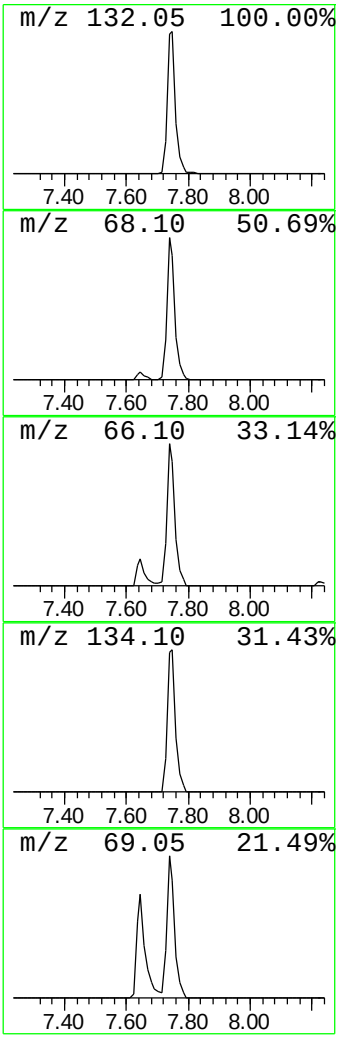
****

Peak Number 3 unknown7.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	23.23 ng	483059	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081615.D
Acq On : 14 Sep 2015 19:27
Operator : UM/IZ
Sample : G3597-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

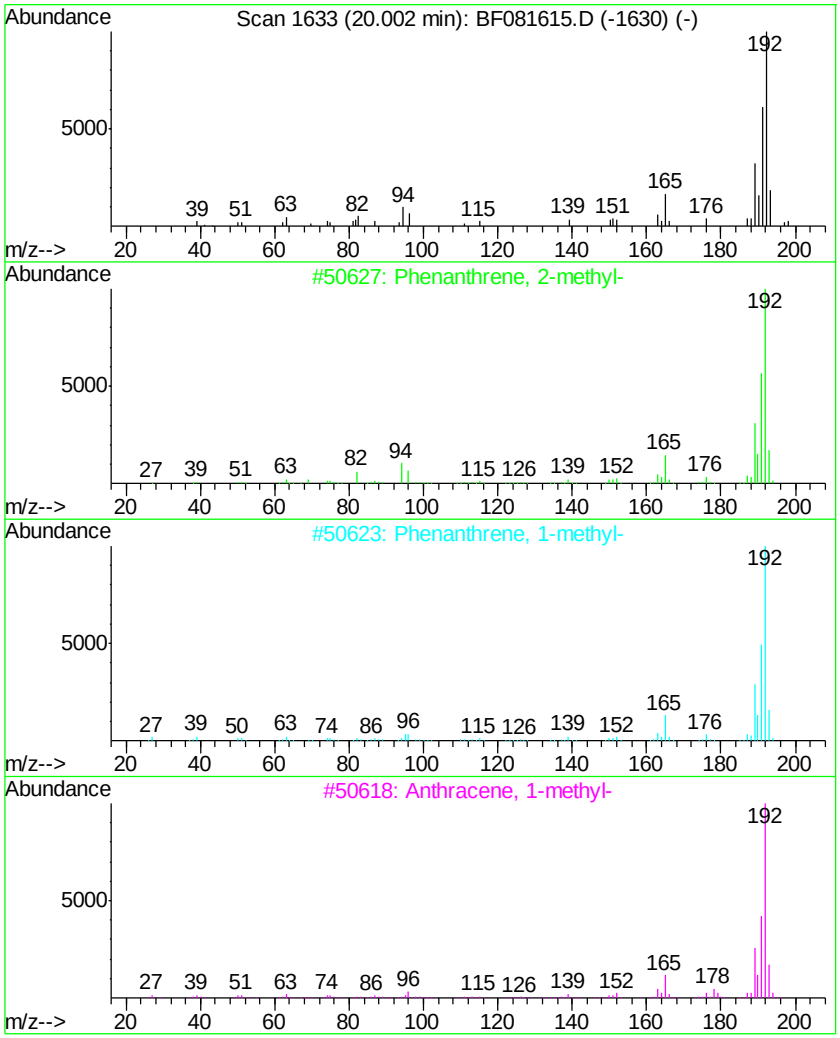
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

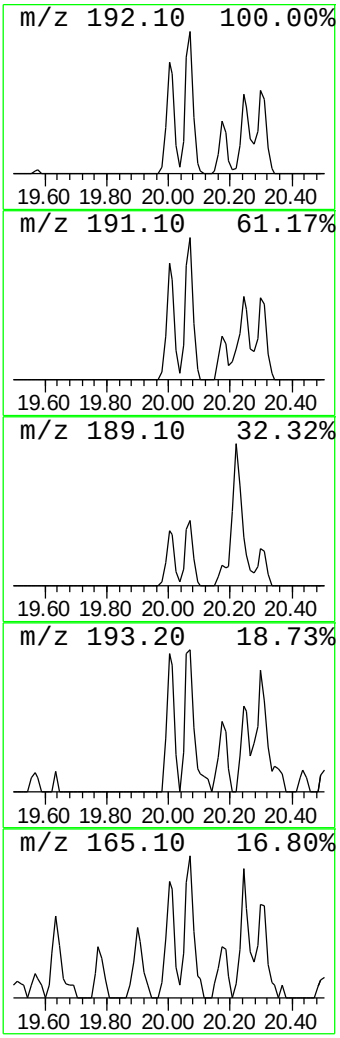
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	4.37 ng	106584	Phenanthrene-d10	18.78

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, 1-methyl-	192	C15H12	000610-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081615.D
Acq On : 14 Sep 2015 19:27
Operator : UM/IZ
Sample : G3597-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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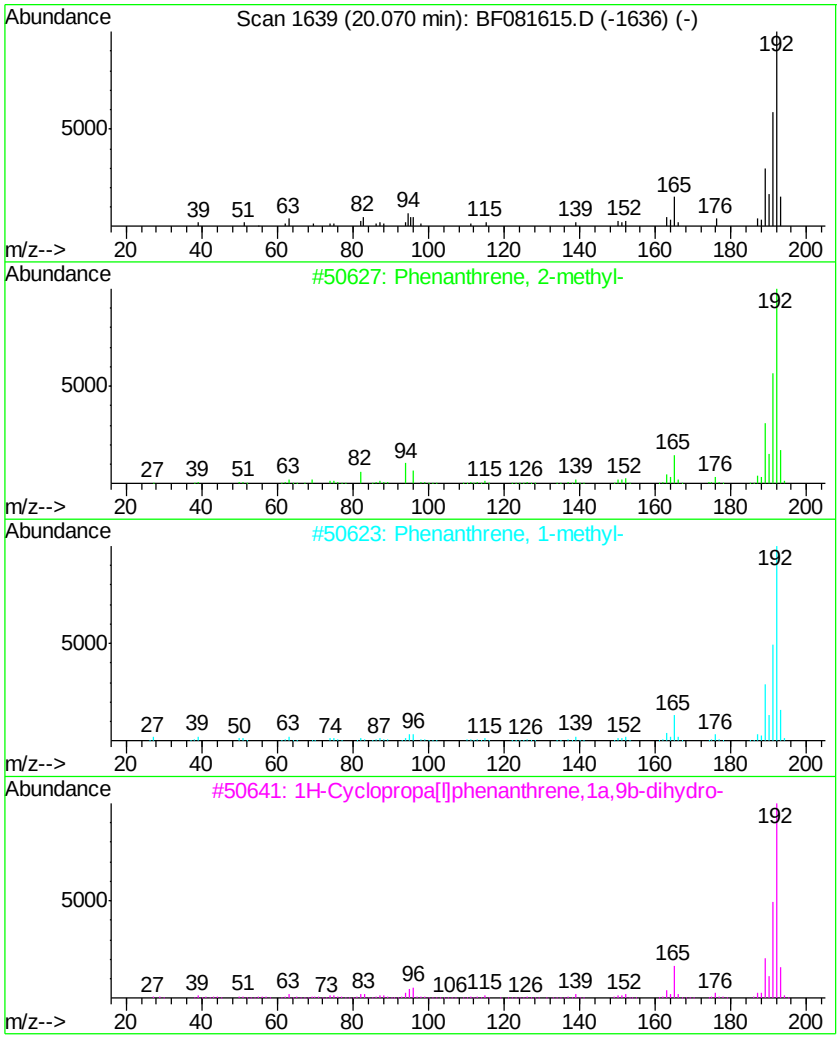
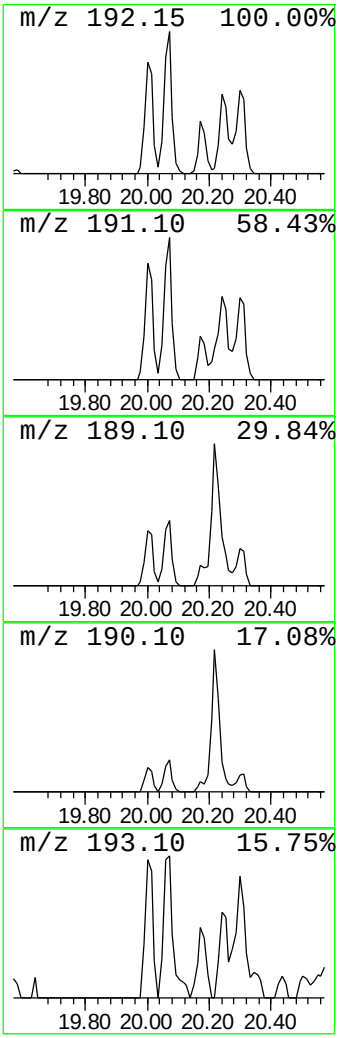
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	5.16 ng	125826	Phenanthrene-d10	18.78

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081615.D
Acq On : 14 Sep 2015 19:27
Operator : UM/IZ
Sample : G3597-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

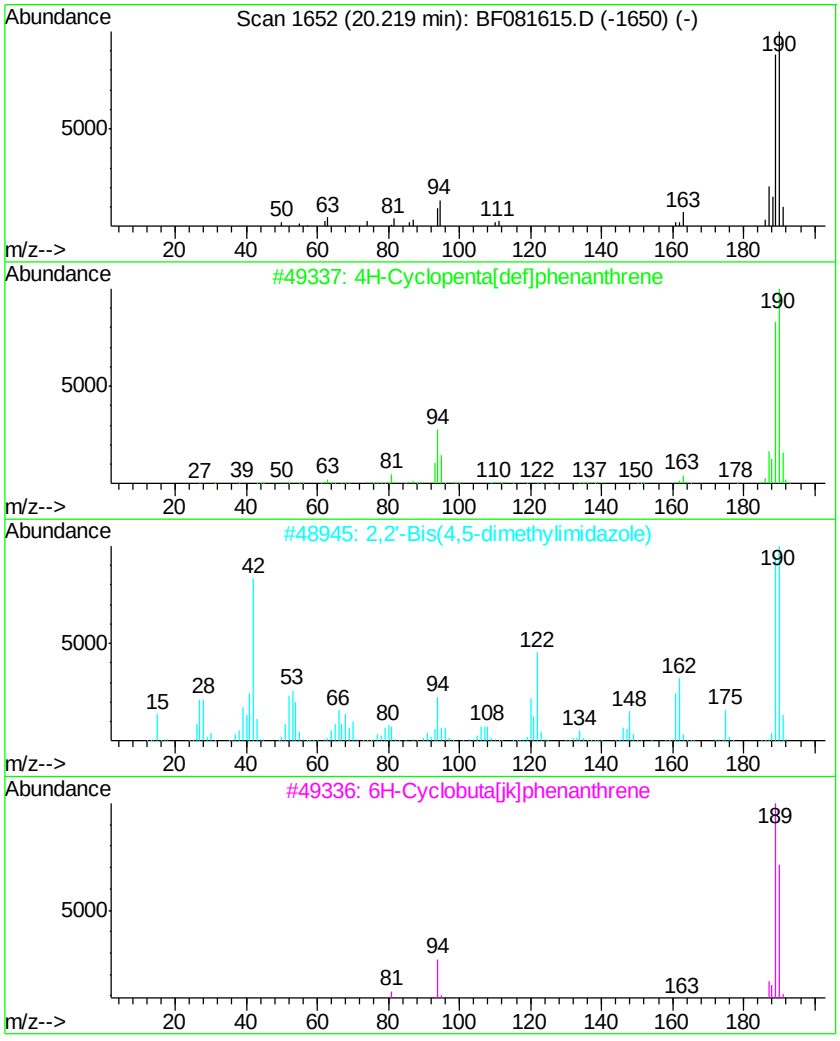
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

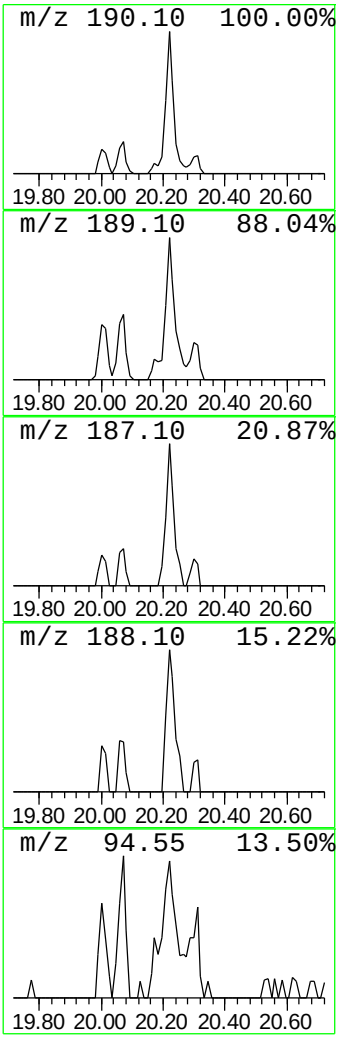
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	6.33 ng	154513	Phenanthrene-d10	18.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	36
5	8H-Imidazo[4,5-E]-2,1,3-benzothi...	190	C8H6N4S	129485-68-3	9





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Acq On : 14 Sep 2015 19:27
Operator : UM/IZ
Sample : G3597-09 5X
Misc :
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ClientSampleId : GP-9(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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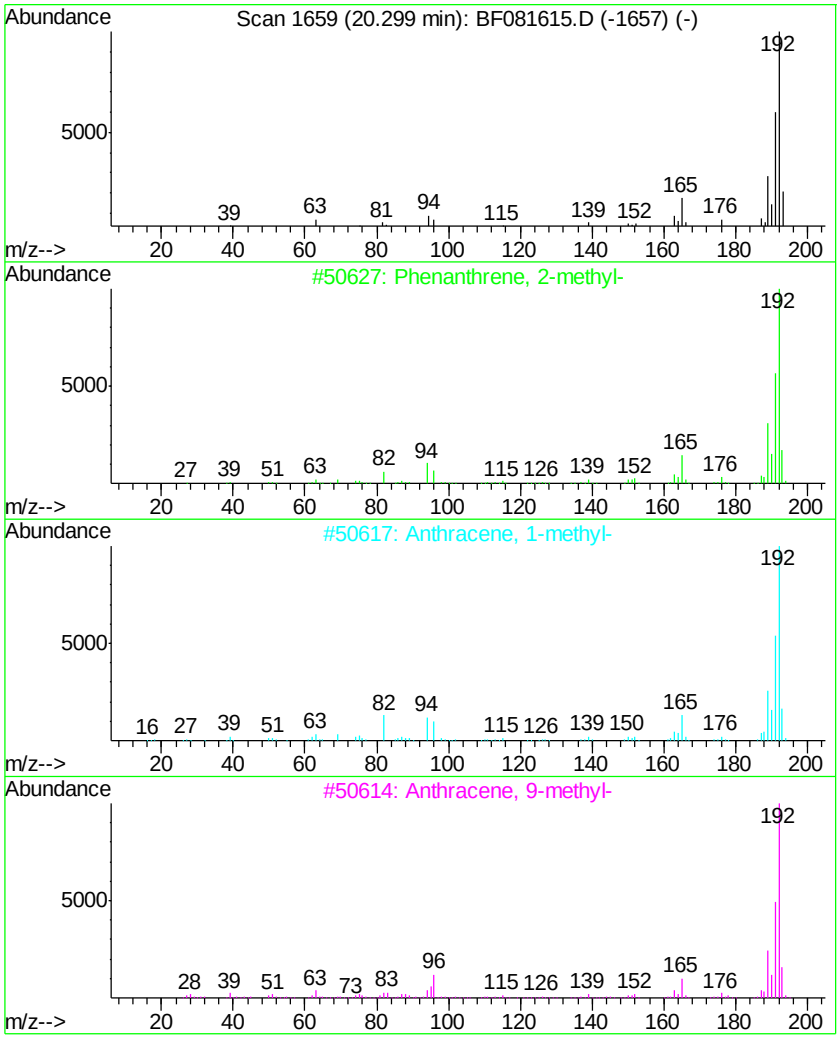
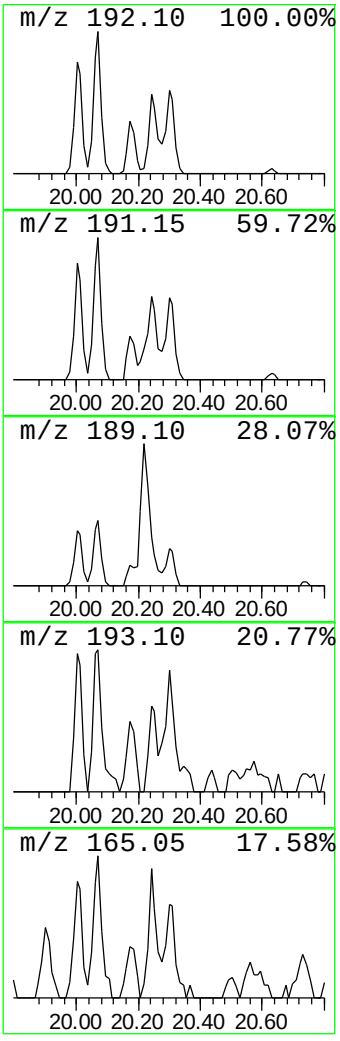
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	3.00 ng	73136	Phenanthrene-d10	18.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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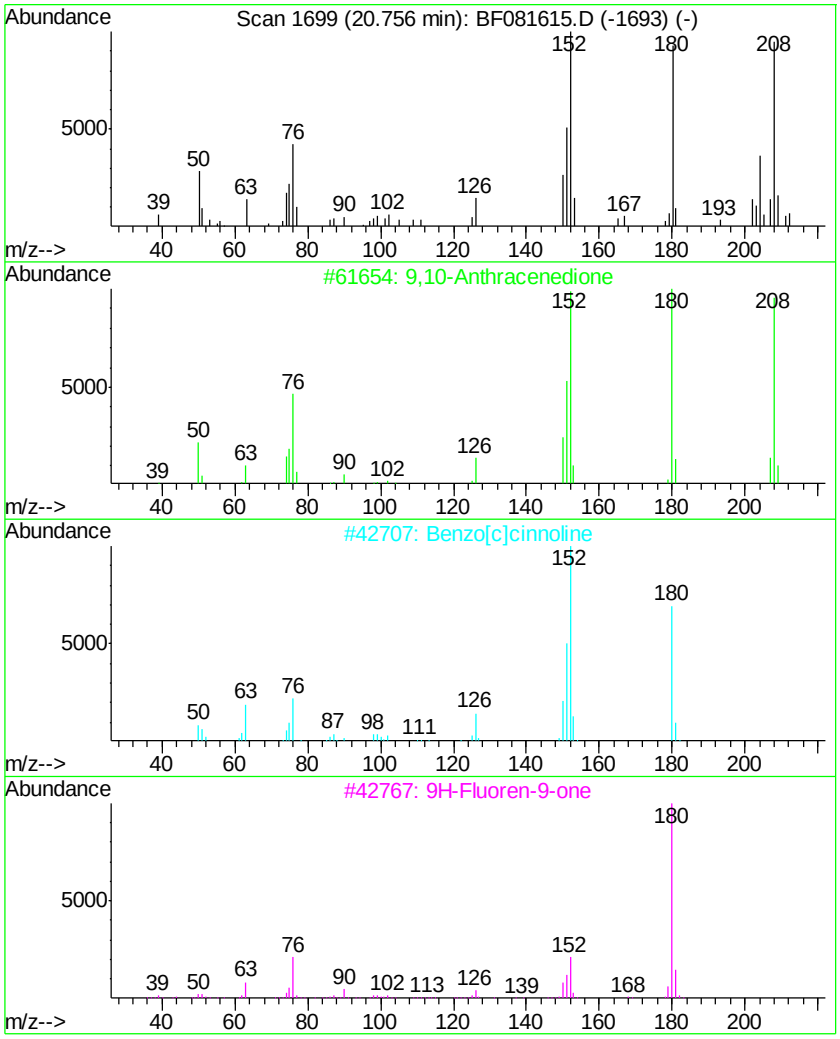
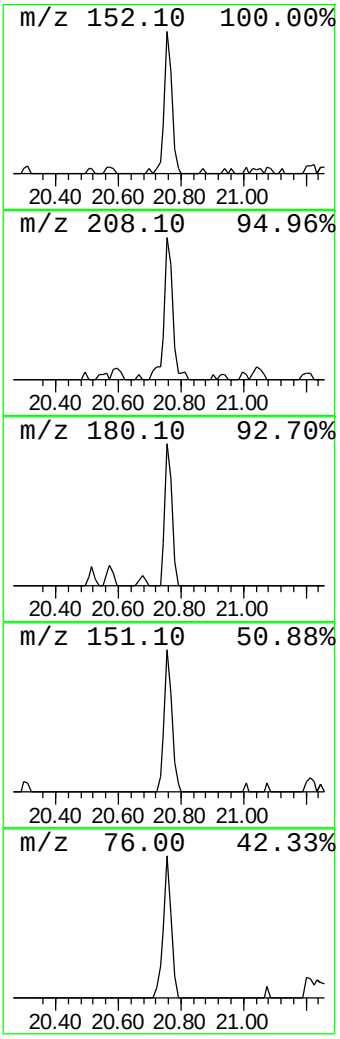
Peak Number 9 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	7.55 ng	184302	Phenanthrene-d10	18.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	49





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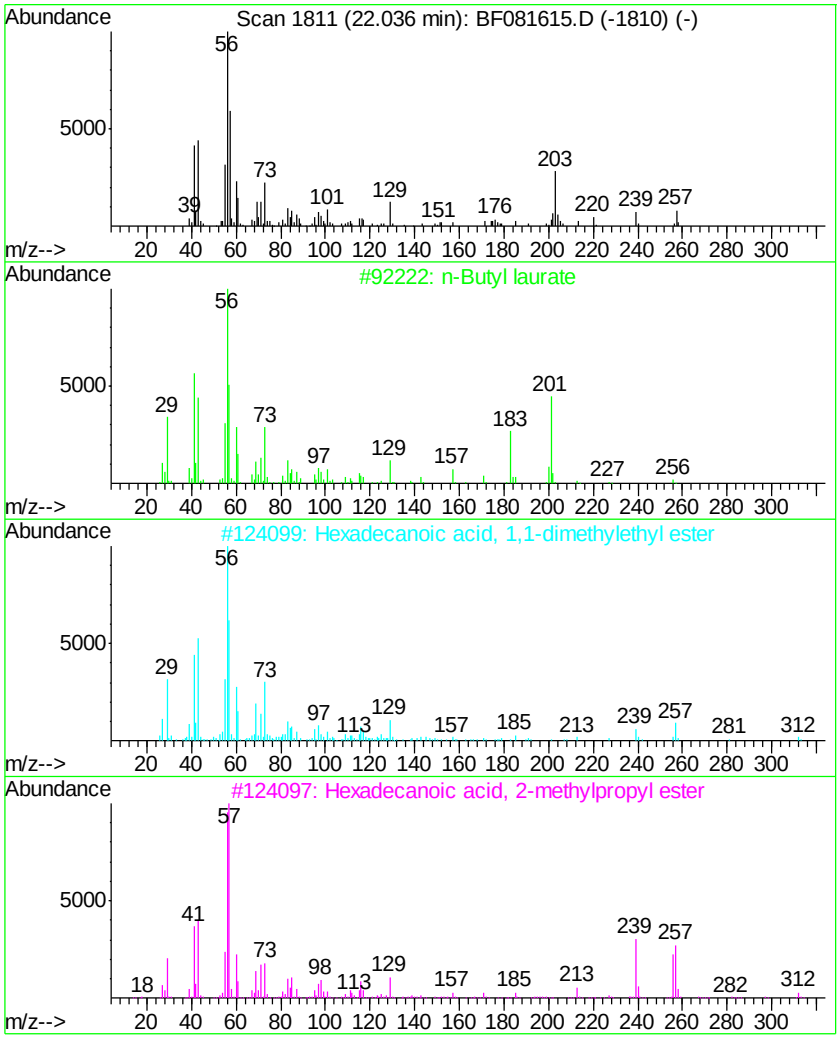
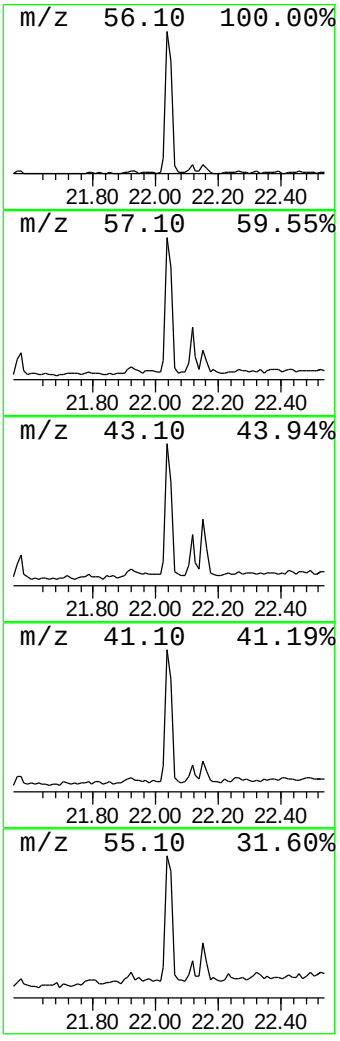
Peak Number 10 n-Butyl laurate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	5.43 ng	311064	Chrysene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyl laurate	256	C16H32O2	000106-18-3	93
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	83
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	45
4	Ampyrone	203	C11H13N3O	000083-07-8	43
5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	43





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Sample : G3597-09 5X
Misc :
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ClientSampleId : GP-9(0-5)

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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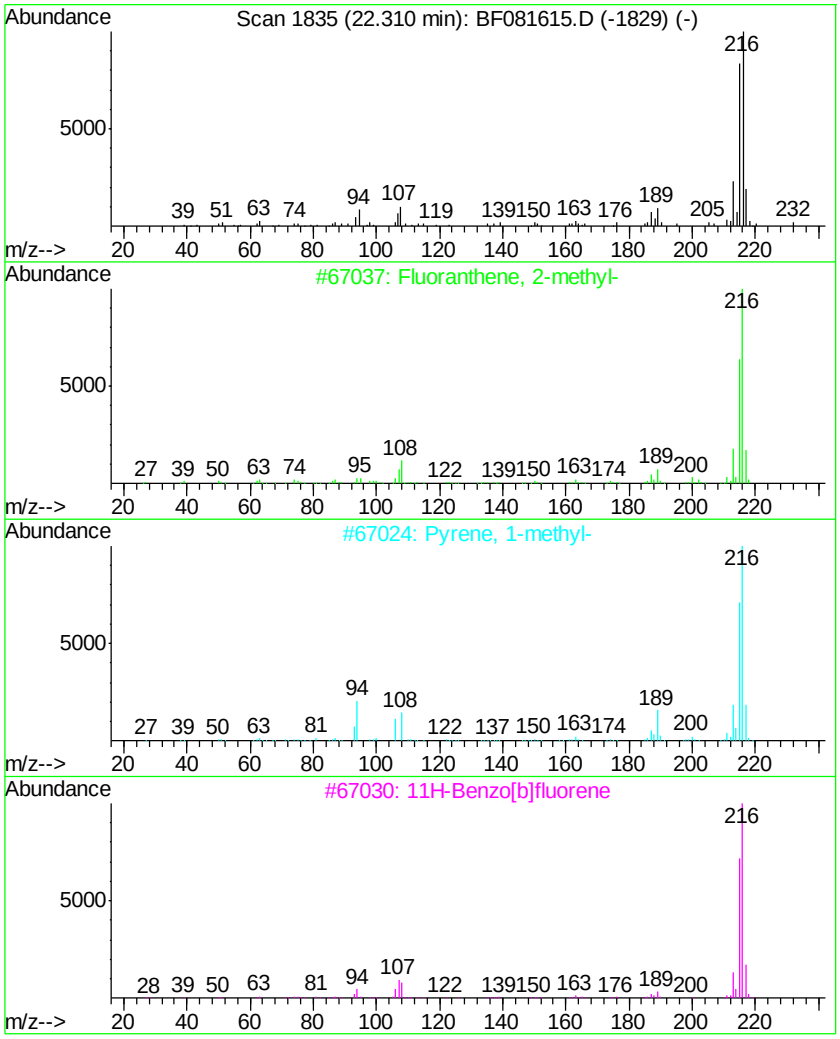
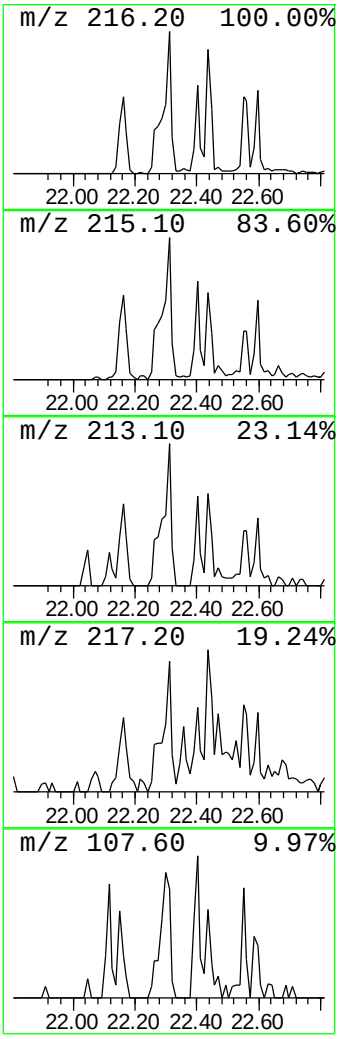
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	4.00 ng	229211	Chrysene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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Misc :
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ClientSampleId : GP-9(0-5)

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TIC Integration Parameters: LSCINT.P

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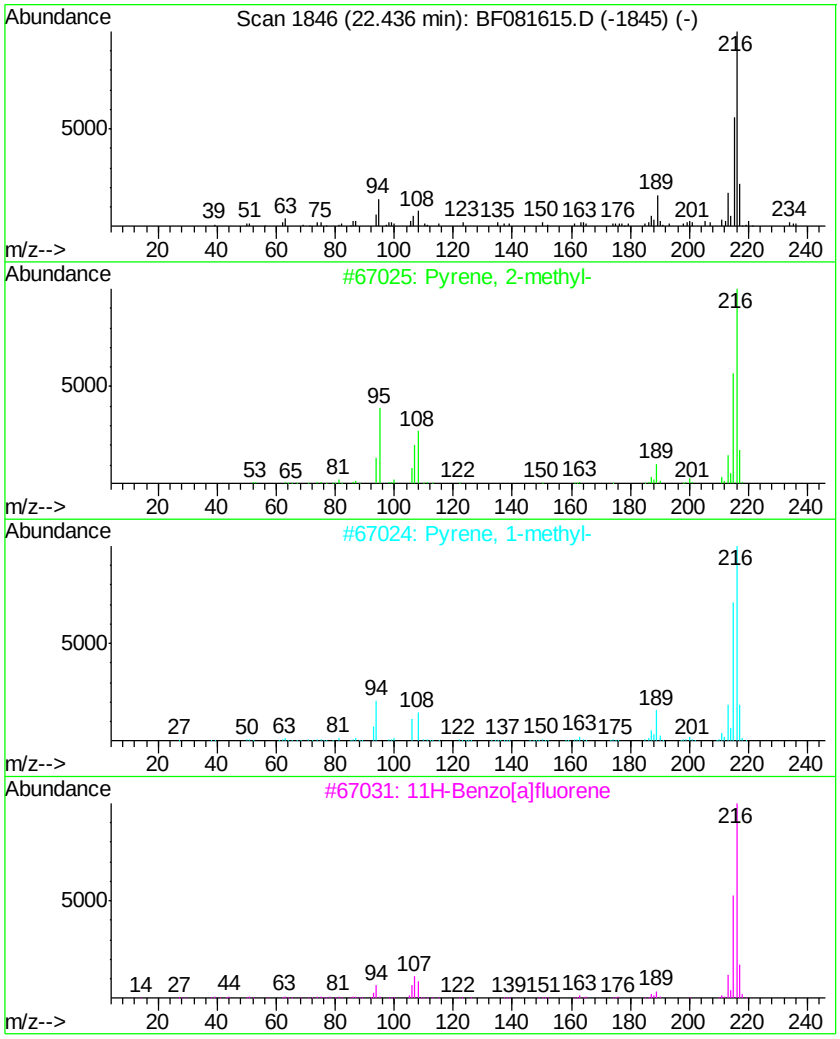
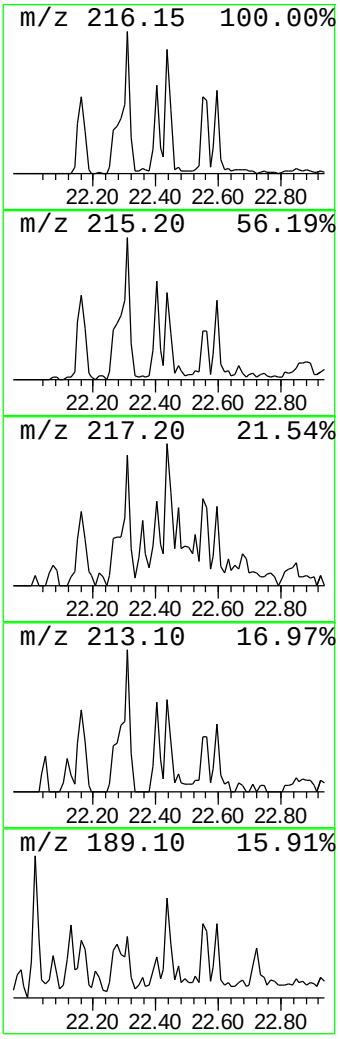
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	3.55 ng	203532	Chrysene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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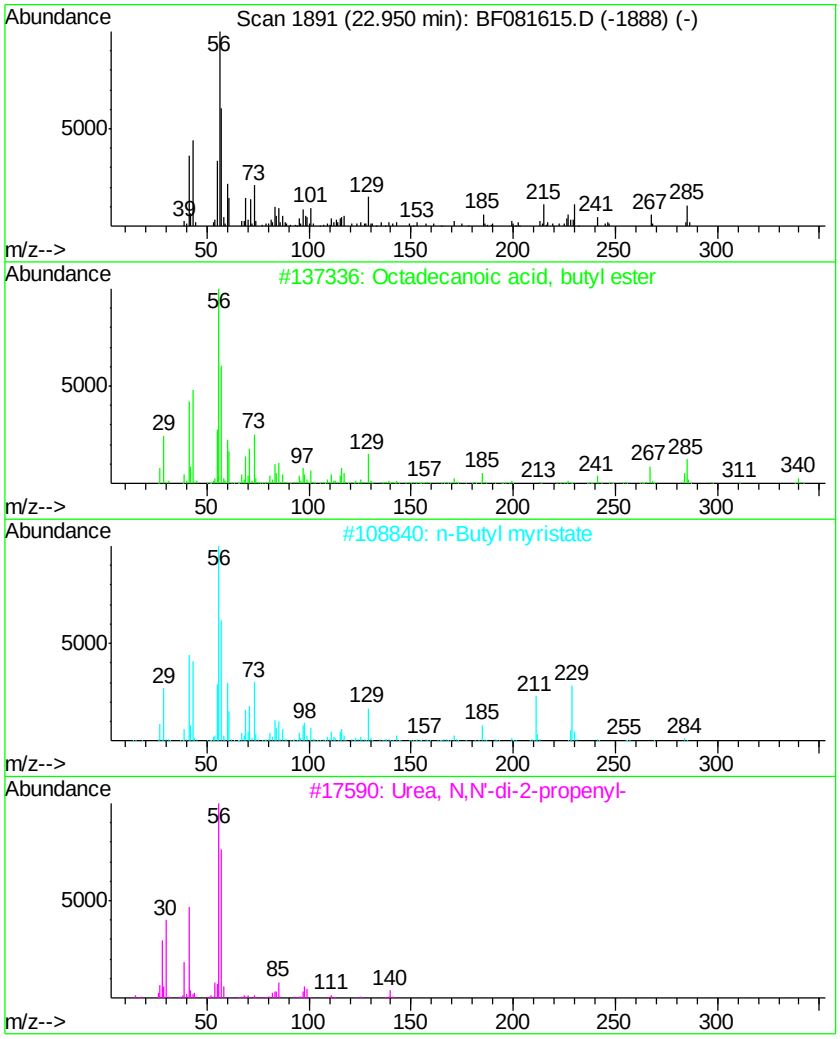
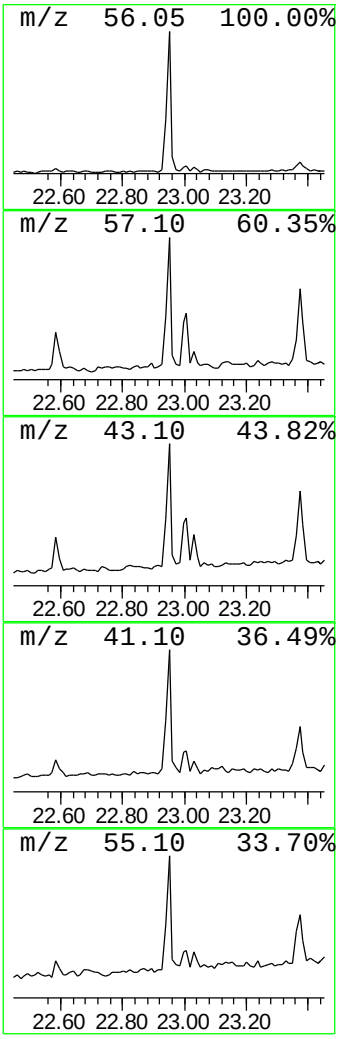
Peak Number 13 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	5.67 ng	324743	Chrysene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2	n-Butyl myristate	284	C18H36O2	000110-36-1	78
3	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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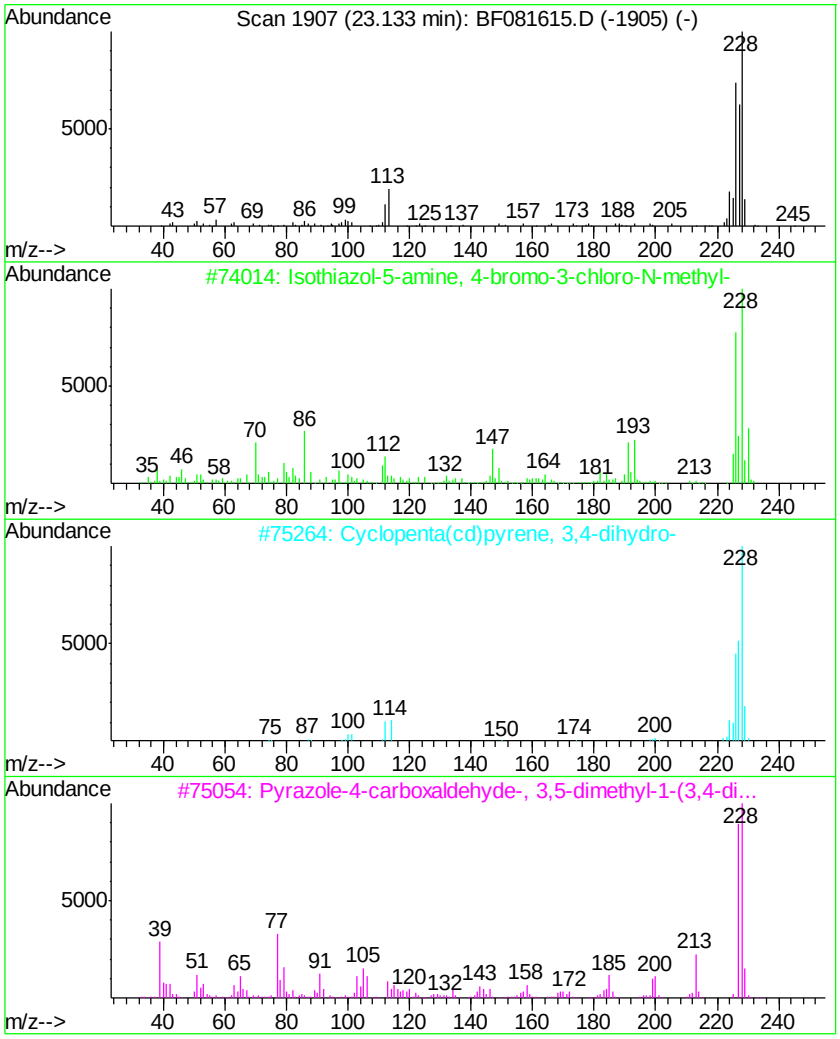
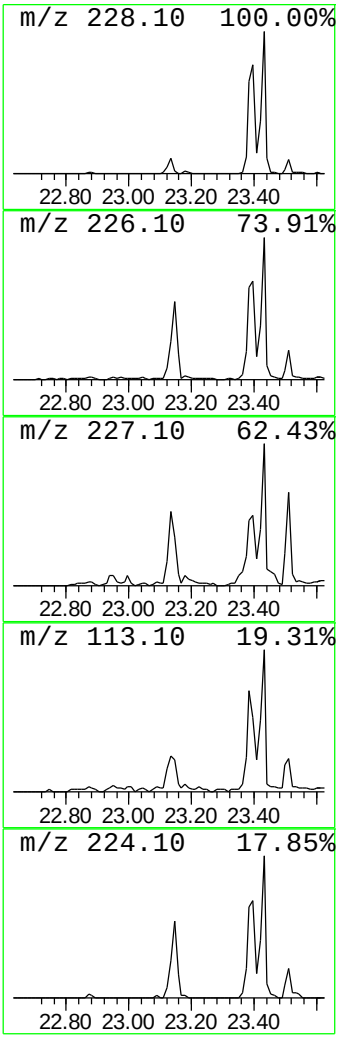
Peak Number 14 Isothiazol-5-amine, 4-bromo... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	2.87 ng	164257	Chrysene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	59
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	43
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	35
4	2,1,3-Benzoselenadiazole-5-carbo...	228	C7H4N2O2Se	140669-75-6	32
5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	27





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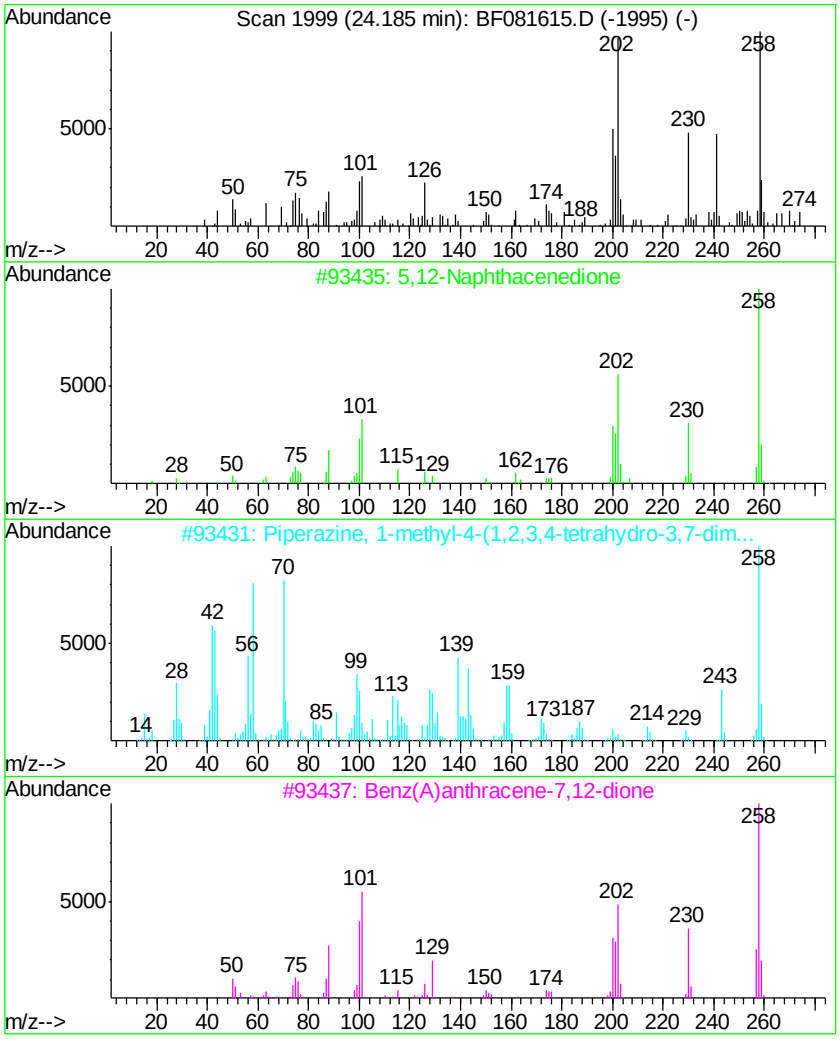
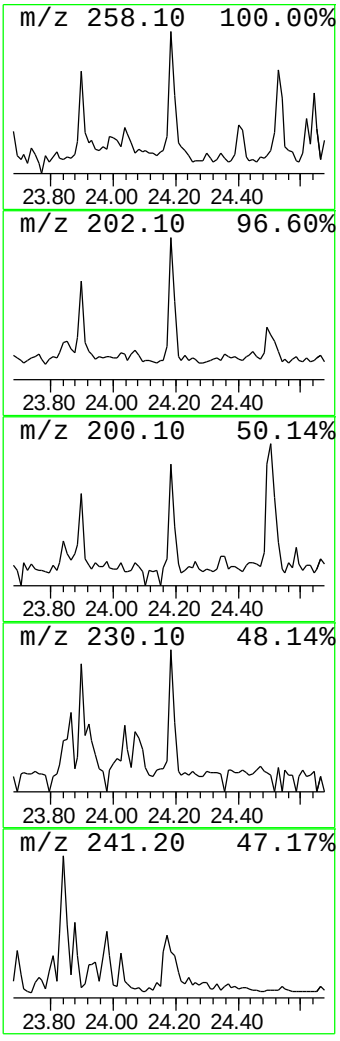
Peak Number 15 5,12-Naphthacenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.18	5.19 ng	113890	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	92
2	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	68
3	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	55
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	35
5	Benzoic acid, 3-(6-methyl-4-oxo-...	230	C13H10O4	295364-59-9	27





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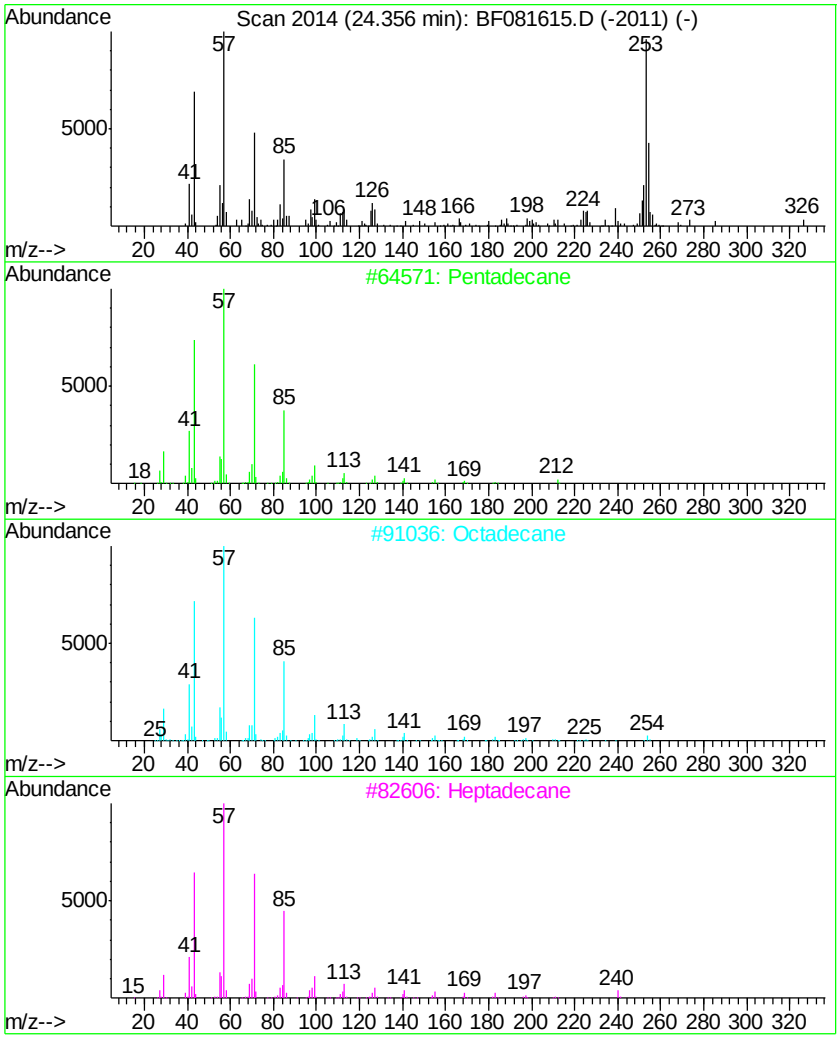
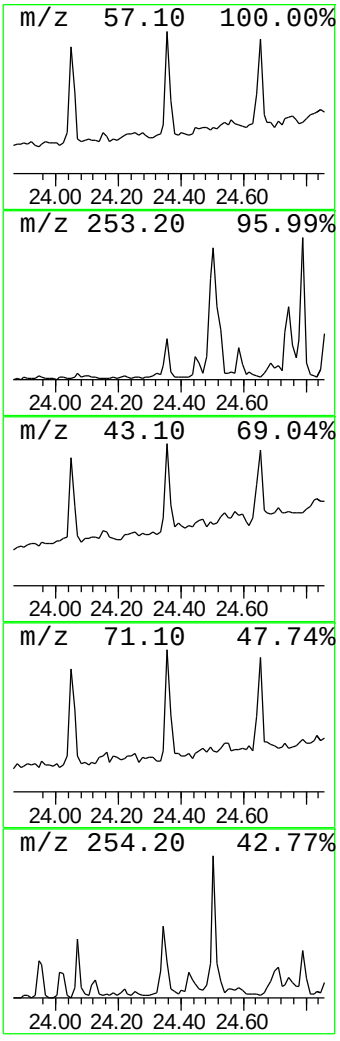
Peak Number 16 unknown24.36 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.36	5.31 ng	116585	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	45
2	Octadecane	254	C18H38	000593-45-3	42
3	Heptadecane	240	C17H36	000629-78-7	25
4	Nonadecane	268	C19H40	000629-92-5	25
5	Tetradecane	198	C14H30	000629-59-4	25





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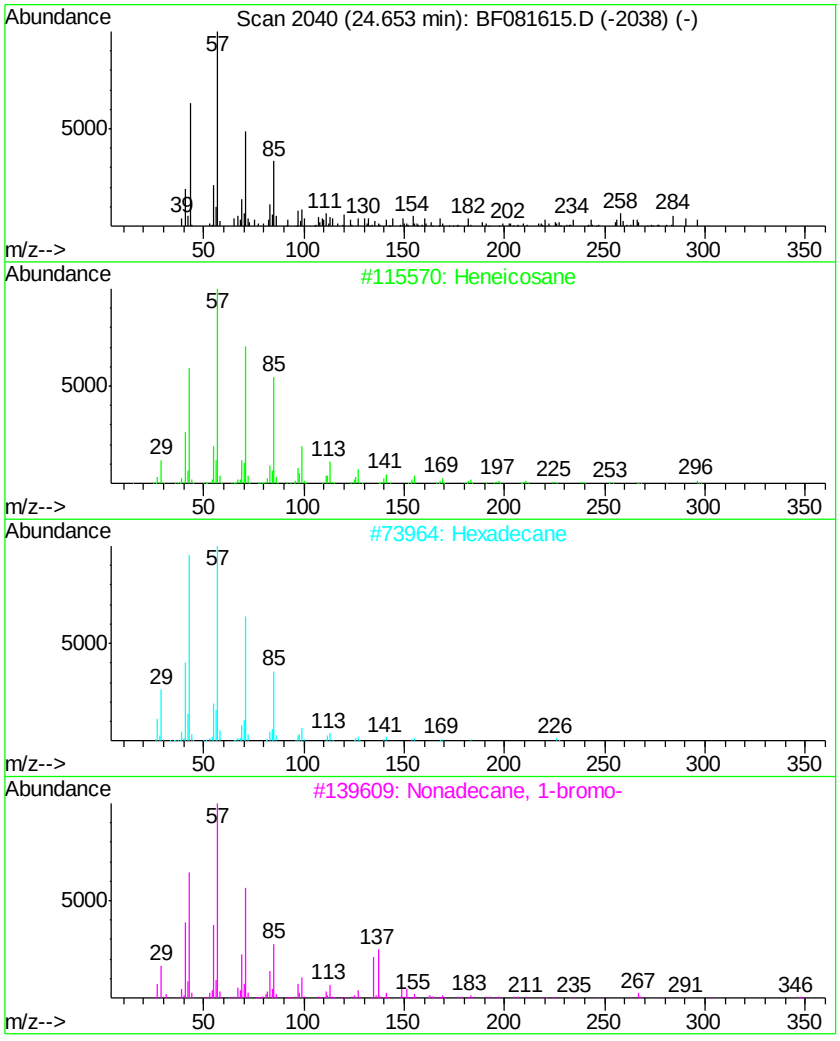
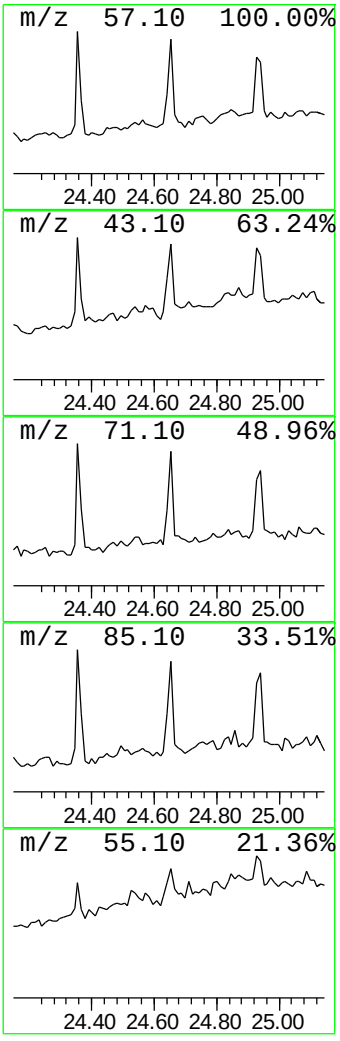
Peak Number 18 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	3.31 ng	72672	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Hexadecane	226	C16H34	000544-76-3	60
3	Nonadecane, 1-bromo-	346	C19H39Br	004434-66-6	58
4	Heptacosane	380	C27H56	000593-49-7	58
5	Octacosane	394	C28H58	000630-02-4	53





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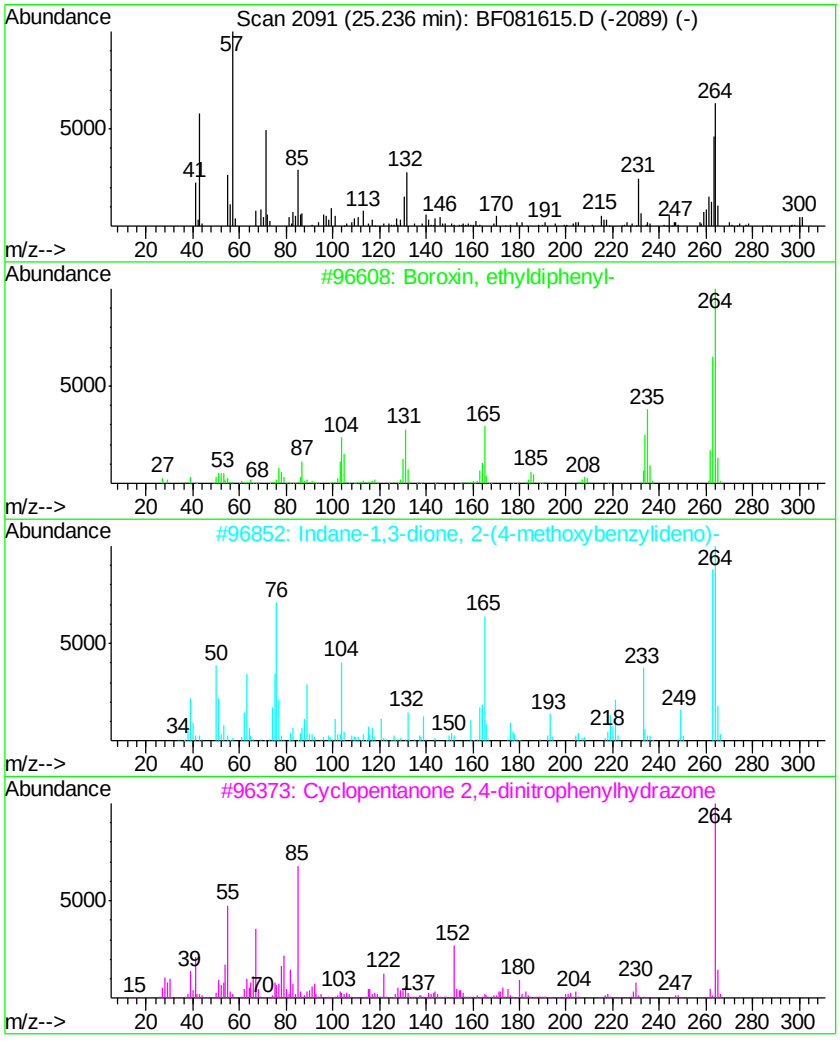
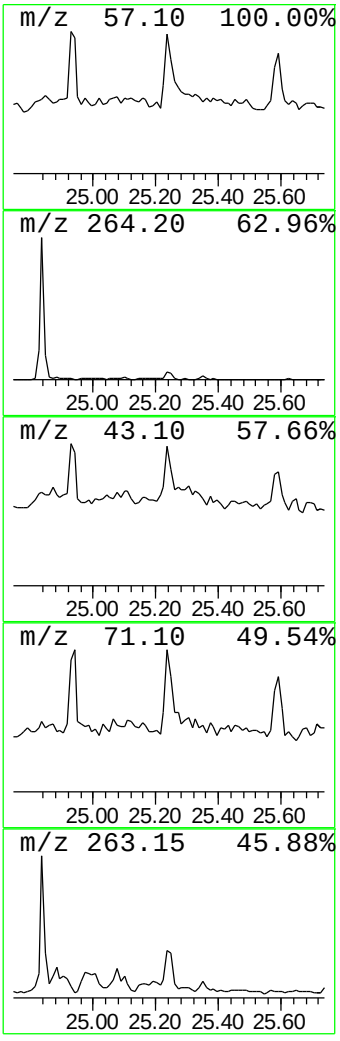
Peak Number 19 unknown25.24 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.24	3.63 ng	79642	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	38
2	Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	27
3	Cyclopentanone 2,4-dinitrophenyl...	264	C11H12N4O4	002057-87-6	10
4	2-Oxo-6-phenyl-4-(2-hydroxypheny...	264	C16H12N2O2	017432-82-5	10
5	Methyl p-(trans-styryl)-trans-ci...	264	C18H16O2	071205-18-0	10





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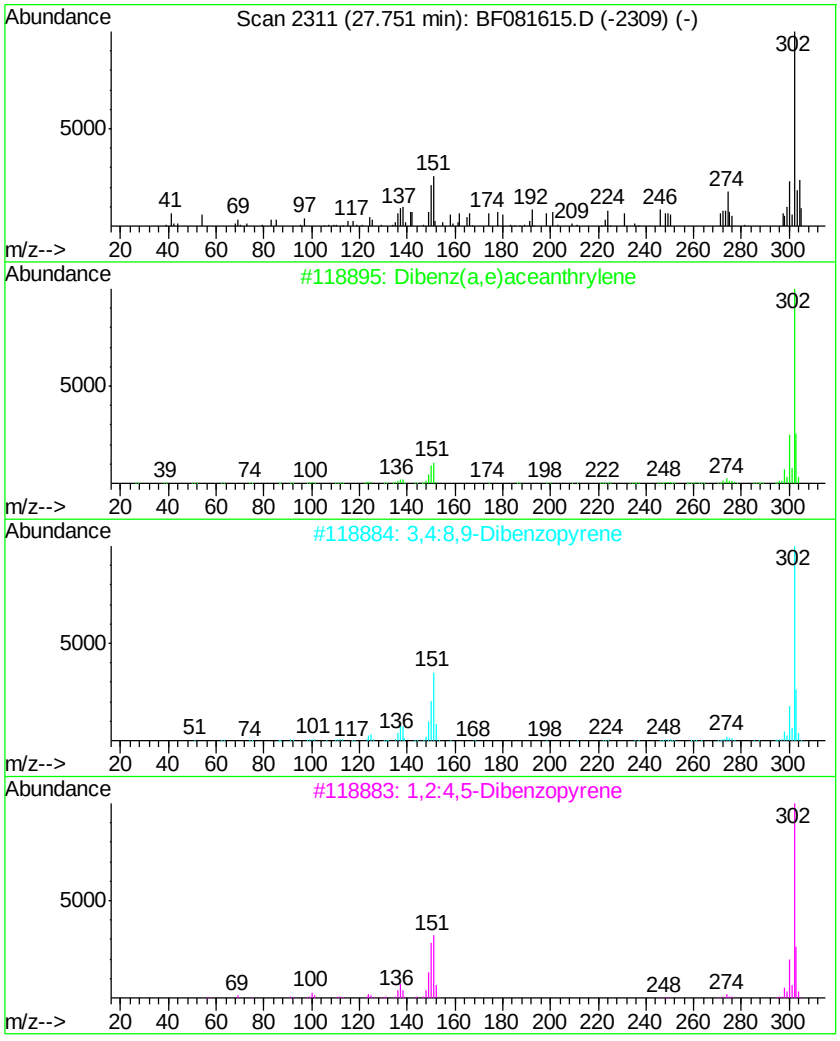
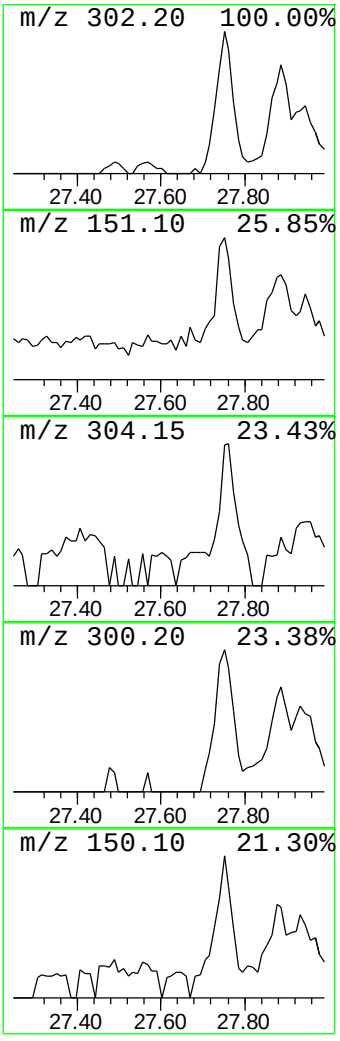
Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.75	3.33 ng	72987	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	70
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	64
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	58
4	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	53
5	2,4-Quinazolinediamine, 6-((4-ch...	302	C14H11ClN4S	051124-29-9	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081615.D
Acq On : 14 Sep 2015 19:27
Operator : UM/IZ
Sample : G3597-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.48	12.9	ng	268032	1	8.23	415834	20.0
unknown7.74	7.74	23.2	ng	483059	1	8.23	415834	20.0
Phenanthrene, 2-m...	20.00	4.4	ng	106584	4	18.78	488169	20.0
Phenanthrene, 1-m...	20.07	5.2	ng	125826	4	18.78	488169	20.0
4H-Cyclopenta[def...	20.22	6.3	ng	154513	4	18.78	488169	20.0
Anthracene, 1-met...	20.30	3.0	ng	73136	4	18.78	488169	20.0
9,10-Anthracenedione	20.76	7.5	ng	184302	4	18.78	488169	20.0
n-Butyl laurate	22.04	5.4	ng	311064	5	23.40	1145490	20.0
Fluoranthene, 2-m...	22.31	4.0	ng	229211	5	23.40	1145490	20.0
Pyrene, 2-methyl-	22.44	3.5	ng	203532	5	23.40	1145490	20.0
Octadecanoic acid...	22.95	5.7	ng	324743	5	23.40	1145490	20.0
Isothiazol-5-amin...	23.13	2.9	ng	164257	5	23.40	1145490	20.0
5,12-Naphthacened...	24.18	5.2	ng	113890	6	24.84	438938	20.0
unknown24.36	24.36	5.3	ng	116585	6	24.84	438938	20.0
Heneicosane	24.65	3.3	ng	72672	6	24.84	438938	20.0
unknown25.24	25.24	3.6	ng	79642	6	24.84	438938	20.0
Dibenz(a,e)aceant...	27.75	3.3	ng	72987	6	24.84	438938	20.0