LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	510	514	528	rBV	112586	168381	6.77%	0.498%
2	5.498	574	580	583	rBV	2134153	2145299	86.28%	6.345%
3	6.504	745	751	765	rVB	1877617	2269568	91.27%	6.713%
4	6.645	770	775	778	rBV	2310826	2220381	89.30%	6.567%
5	6.875	810	814	817	rBV	537798	469202	18.87%	1.388%
6	7.028	836	840	844	rBV	1878570	1772311	71.28%	5.242%
7	7.439	904	910	913	rBV	1400549	1398600	56.25%	4.137%
8	7.516	917	923	925	rBV	33091	37445	1.51%	0.111%
9	8.151	1027	1031	1038	rVB	718302	620451	24.95%	1.835%
10	9.227	1209	1214	1217	rBV	2540884	2486522	100.00%	7.354%
11	9.304	1224	1227	1229	rBV	39684	34774	1.40%	0.103%
12	9.563	1266	1271	1274	rBV	30165	33538	1.35%	0.099%
13	9.616	1277	1280	1284	rBV	195877	165459	6.65%	0.489%
14	9.769	1303	1306	1309	rBV	212874	165950	6.67%	0.491%
15	9.833	1313	1317	1321	rVB	84742	75242	3.03%	0.223%
16	9.910	1326	1330	1333	rVV	735829	634054	25.50%	1.875%
17	9.939	1333	1335	1338	rVB	47275	34388	1.38%	0.102%
18	10.110	1358	1364	1368	rVB2	48322	57677	2.32%	0.171%
19	10.151	1368	1371	1375	rVB4	29324	30234	1.22%	0.089%
20	10.304	1394	1397	1399	rBV2	48370	48480	1.95%	0.143%
21	10.327	1399	1401	1404	rVB	100657	82686	3.33%	0.245%
22	10.451	1419	1422	1427	rVB2	32072	42101	1.69%	0.125%
23	10.545	1435	1438	1446	rBV3	26051	44015	1.77%	0.130%
24	10.698	1456	1464	1467	rBV	1364014	1238709	49.82%	3.664%
25	10.804	1479	1482	1491	rVB3	96728	134898	5.43%	0.399%
26	10.998	1510	1515	1518	rBV5	25516	39006	1.57%	0.115%
27	11.127	1532	1537	1539	rBV3	35668	35570	1.43%	0.105%
28	11.151	1539	1541	1546	rVV4	38458	44846	1.80%	0.133%
29	11.198	1546	1549	1553	rVV	95123	84505	3.40%	0.250%
30	11.251	1553	1558	1560	rVV2	94065	97622	3.93%	0.289%
31	11.292	1560	1565	1569	rVB2	48549	68036	2.74%	0.201%
32	11.392	1579	1582	1584	rBV	585582	534720	21.50%	1.582%
33	11.421	1584	1587	1590	rVV	767045	674988	27.15%	1.996%
34	11.468	1592	1595	1598	rVB	194775	146138	5.88%	0.432%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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	11.621	1615	1621	1624	rBV2	76842	91176	3.67%	0.270%
36	11.674	1628	1630	1636	rVV2	56652	74923	3.01%	0.222%
37	11.721	1636	1638	1643	rVB3	45119	46752	1.88%	0.138%
38	11.892	1662	1667	1669	rBV	143036	150559	6.06%	0.445%
39	11.921	1669	1672	1676	rVV2	245094	296330	11.92%	0.876%
40	11.968	1677	1680	1683	rVV	72985	68365	2.75%	0.202%
41	12.004	1683	1686	1689	rVV2	180275	217546	8.75%	0.643%
42	12.027	1689	1690	1694	rVB	114259	76405	3.07%	0.226%
43	12.080	1694	1699	1704	rBV4	47860	69884	2.81%	0.207%
44	12.186	1714	1717	1720	rBV	89054	82729	3.33%	0.245%
45	12.215	1720	1722	1725	rVB	98931	76194	3.06%	0.225%
46	12.339	1741	1743	1745	rVB2	40316	30021	1.21%	0.089%
47	12.368	1745	1748	1750	rVB	40928	29336	1.18%	0.087%
48	12.392	1750	1752	1755	rVB2	38488	32399	1.30%	0.096%
49	12.445	1755	1761	1764	rBV	112340	149777	6.02%	0.443%
50	12.474	1764	1766	1769	rVV3	62489	82555	3.32%	0.244%
51	12.533	1773	1776	1780	rVB	104917	115767	4.66%	0.342%
52	12.610	1785	1789	1792	rBV	1286560	1106030	44.48%	3.271%
53	12.698	1801	1804	1807	rVB	150518	133728	5.38%	0.396%
54	12.733	1807	1810	1812	rBV	29366	29576	1.19%	0.087%
55	12.839	1822	1828	1833	rBV	1157244	1218954	49.02%	3.605%
56	12.886	1833	1836	1841	rVB2	69306	85257	3.43%	0.252%
57	12.980	1848	1852	1858	rVB	1844624	1683032	67.69%	4.978%
58	13.051	1859	1864	1868	rBV2	105600	174547	7.02%	0.516%
59	13.139	1876	1879	1881	rBV5	92645	115303	4.64%	0.341%
60	13.162	1881	1883	1886	rVB	132020	114931	4.62%	0.340%
61	13.198	1886	1889	1892	rBV3	34863	43022	1.73%	0.127%
62	13.227	1892	1894	1897	rBV	50787	46291	1.86%	0.137%
63	13.268	1897	1901	1904	rVV2	148461	162238	6.52%	0.480%
64	13.321	1908	1910	1913	rBV3	29175	32334	1.30%	0.096%
65	13.362	1914	1917	1919	rVV	74761	69159	2.78%	0.205%
66	13.392	1919	1922	1925	rVB	93163	84766	3.41%	0.251%
67	13.539	1944	1947	1950	rBV4	45816	64044	2.58%	0.189%
68	13.668	1966	1969	1974	rVB	201319	199312	8.02%	0.589%
69	13.780	1984	1988	1991	rBV2	145164	191435	7.70%	0.566%
70	13.809	1991	1993	1995	rVV	136852	118240	4.76%	0.350%
71	13.833	1995	1997	2000	rVV	100146	142834	5.74%	0.422%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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	13.880	2000	2005	2012	rVB2	209650	324055	13.03%	0.958%
73	14.027	2023	2030	2034	rBV3	970451	1487255	59.81%	4.399%
74	14.062	2034	2036	2041	rVB	721931	633565	25.48%	1.874%
75	14.139	2047	2049	2051	rBV	45401	40231	1.62%	0.119%
76	14.180	2053	2056	2060	rVV3	58758	73487	2.96%	0.217%
77	14.257	2066	2069	2072	rBV2	69582	88674	3.57%	0.262%
78	14.292	2072	2075	2077	rVB	50077	43526	1.75%	0.129%
79	14.421	2092	2097	2099	rVB	166442	171226	6.89%	0.506%
80	14.451	2099	2102	2106	rVB2	92778	104883	4.22%	0.310%
81	14.492	2106	2109	2110	rBV3	51011	57177	2.30%	0.169%
82	14.545	2115	2118	2120	rVV	110056	108053	4.35%	0.320%
83	14.568	2120	2122	2126	rVV2	67965	76629	3.08%	0.227%
84	14.615	2128	2130	2135	rVB3	63723	68649	2.76%	0.203%
85	14.727	2147	2149	2151	rBV2	32818	29031	1.17%	0.086%
86	14.915	2176	2181	2184	rBV2	56193	93052	3.74%	0.275%
87	14.986	2189	2193	2196	rBV3	55131	77650	3.12%	0.230%
88	15.080	2204	2209	2212	rBV	650189	1019505	41.00%	3.015%
89	15.186	2224	2227	2230	rBV	178872	179336	7.21%	0.530%
90	15.386	2257	2261	2267	rVB	385822	553441	22.26%	1.637%
91	15.451	2267	2272	2278	rBV	575094	721907	29.03%	2.135%
92	15.515	2278	2283	2286	rVV	401885	570210	22.93%	1.686%
93	15.545	2286	2288	2294	rVB2	179118	235465	9.47%	0.696%
94	16.209	2399	2401	2409	rVB4	65661	118347	4.76%	0.350%
95	16.650	2472	2476	2482	rVB4	79144	124724	5.02%	0.369%
96	16.997	2528	2535	2543	rVB2	227940	446831	17.97%	1.322%
97	17.168	2560	2564	2570	rVB2	46787	78042	3.14%	0.231%
98	17.239	2570	2576	2581	rBV2	62198	139480	5.61%	0.413%
99	17.445	2604	2611	2623	rVB	200214	433596	17.44%	1.282%
100	17.686	2647	2652	2658	rVB4	35389	71001	2.86%	0.210%

Sum of corrected areas: 33810575

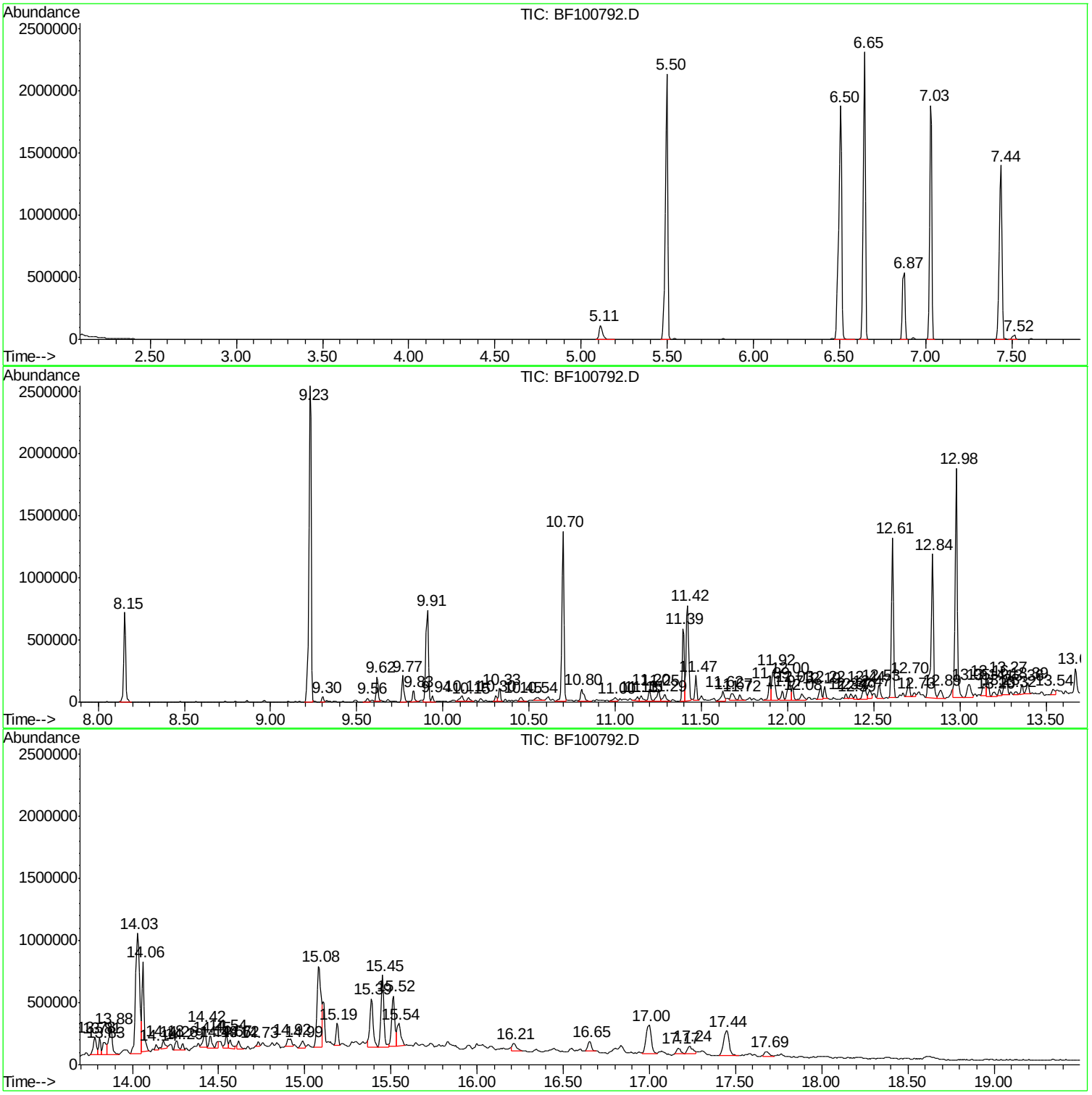
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

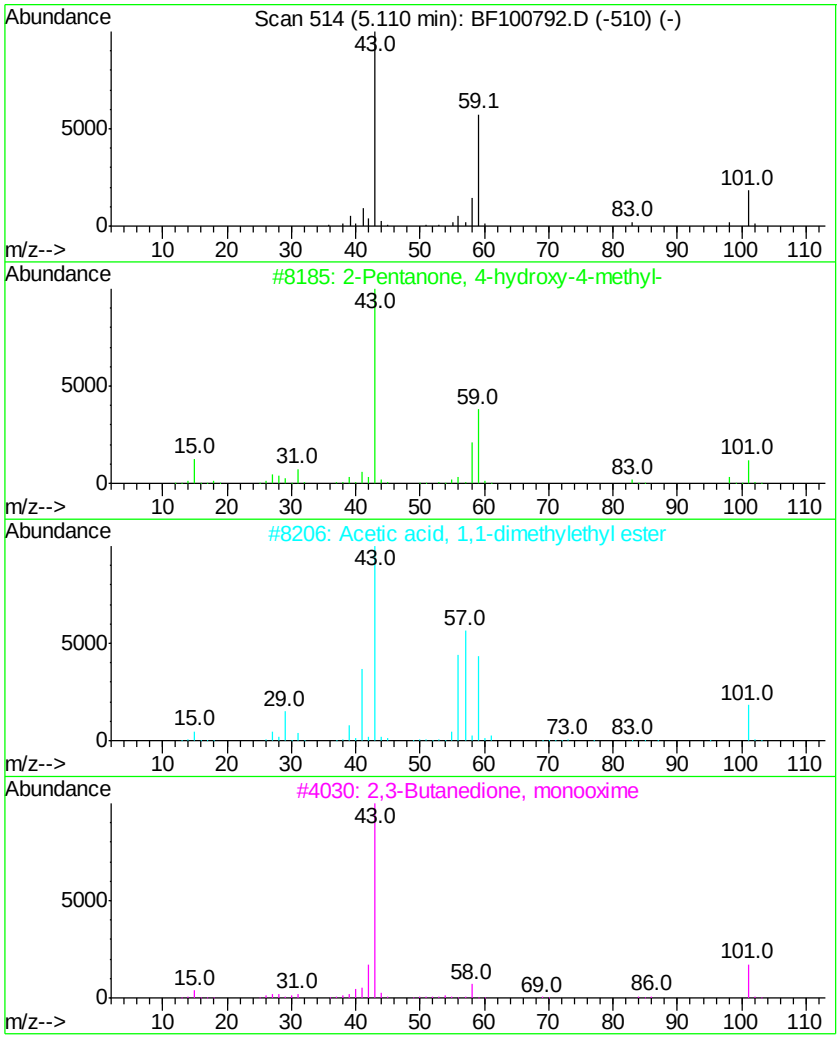
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

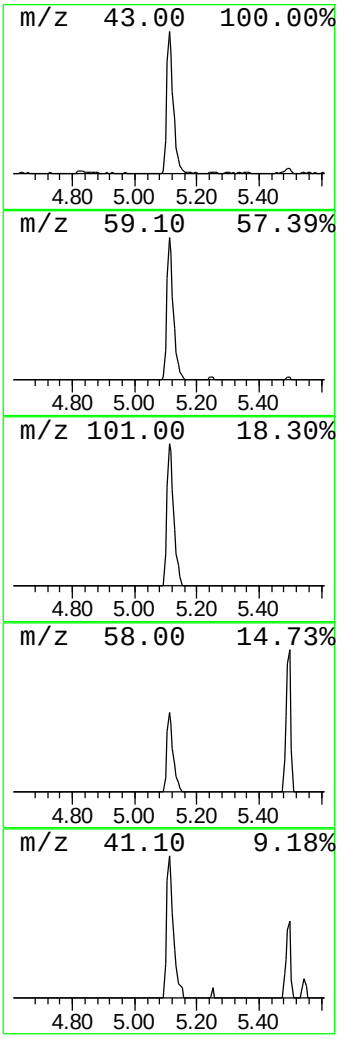
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	7.18 ng	168381	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

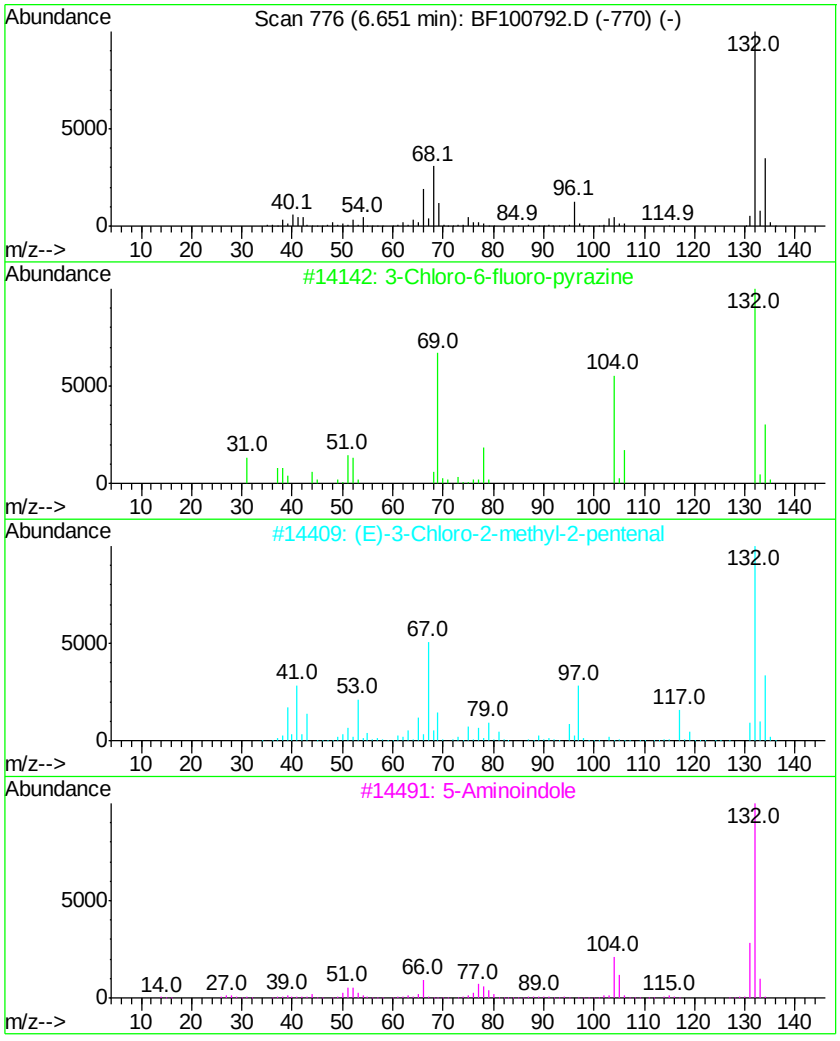
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

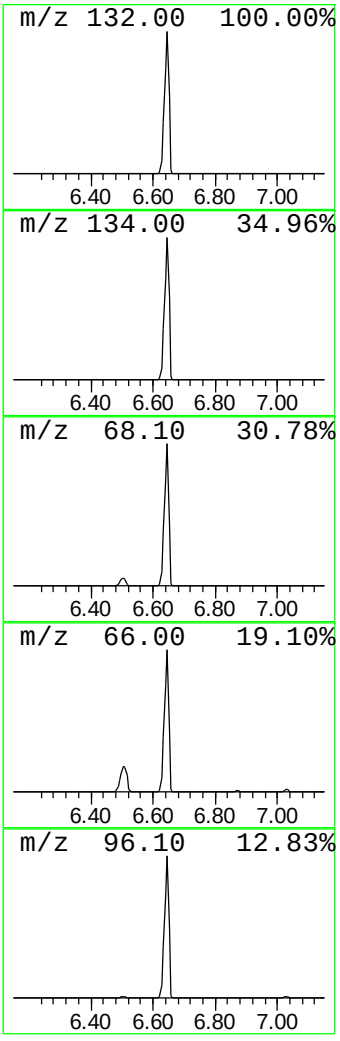
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	94.65 ng	2220380	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

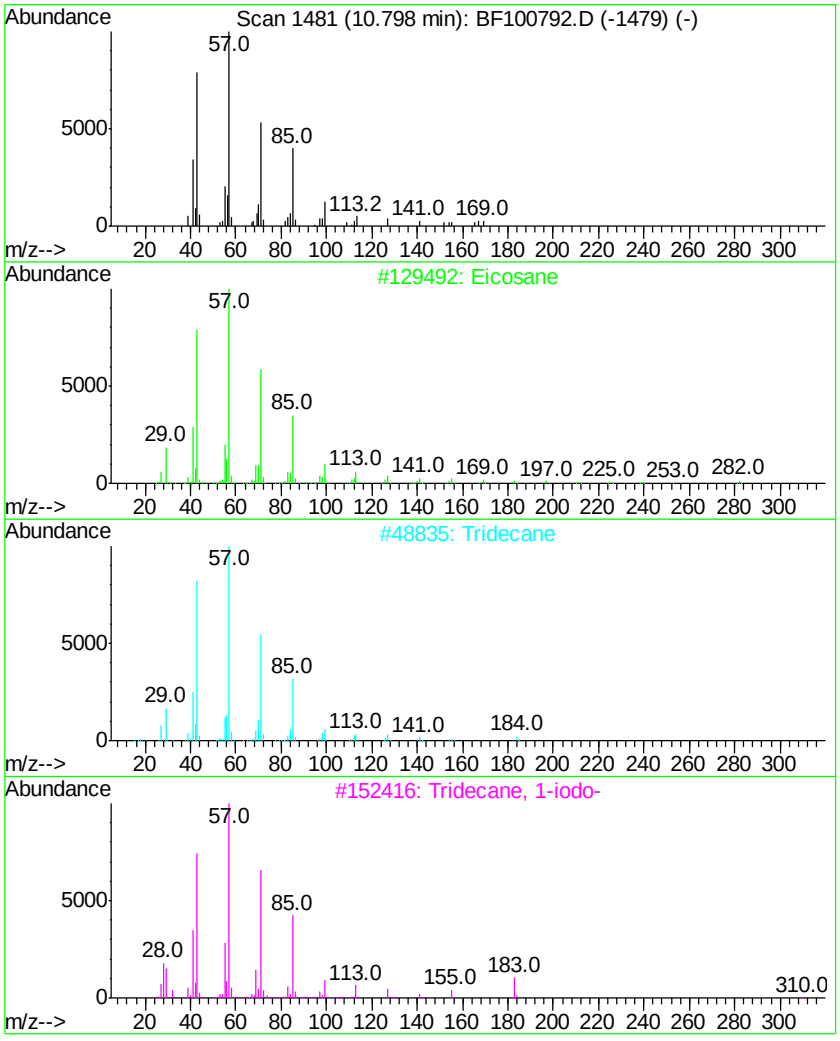
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

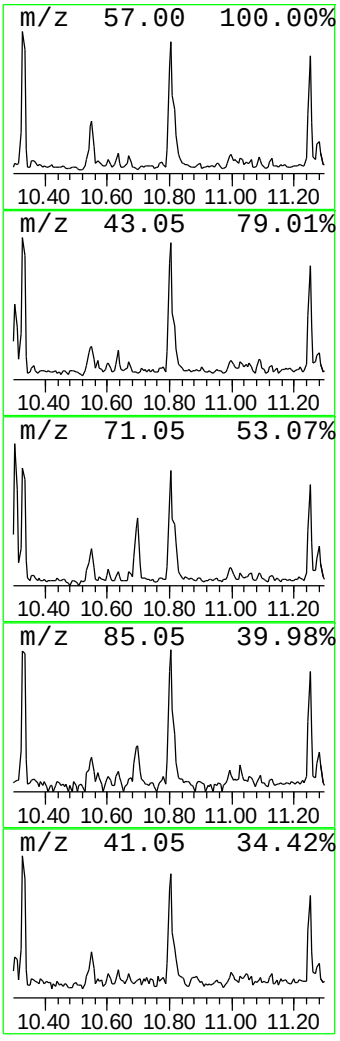
****

Peak Number 4 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	5.05 ng	134898	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

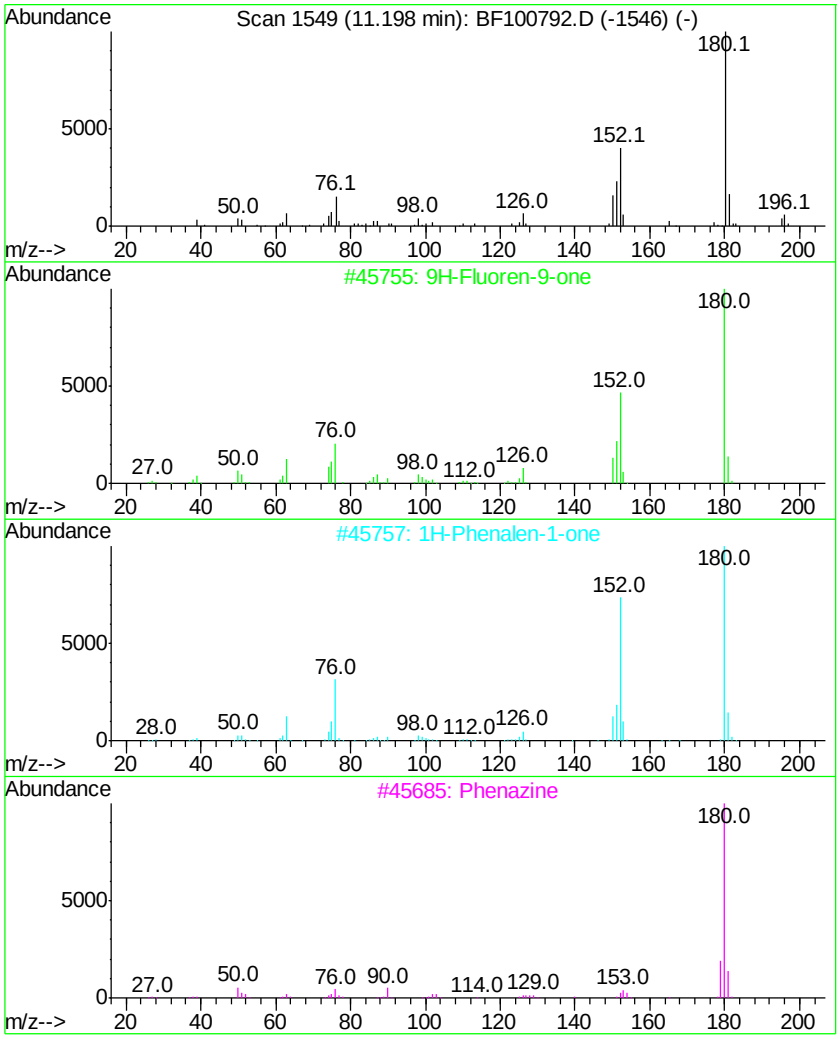
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

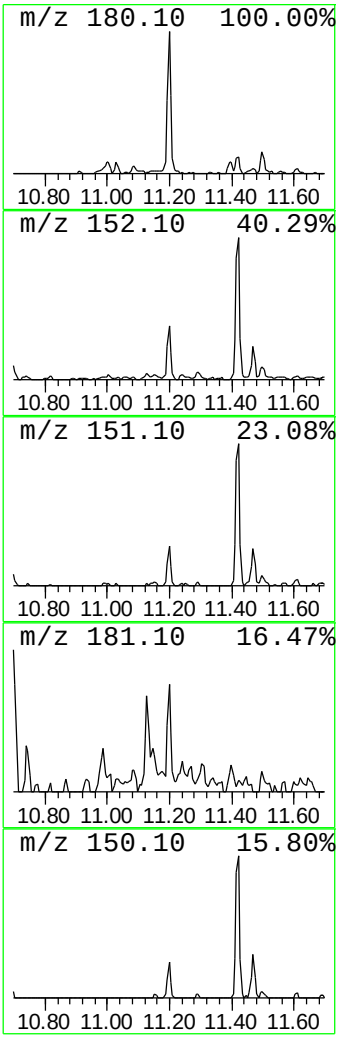
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	3.16 ng	84505	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
3	Phenazine	180	C12H8N2	000092-82-0	43
4	1H-1,2,4-Triazole, 3-(5-nitro-2-...	180	C6H4N4O3	005019-55-6	38
5	2,3-Dicyanoquinoxaline	180	C10H4N4	017132-92-2	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

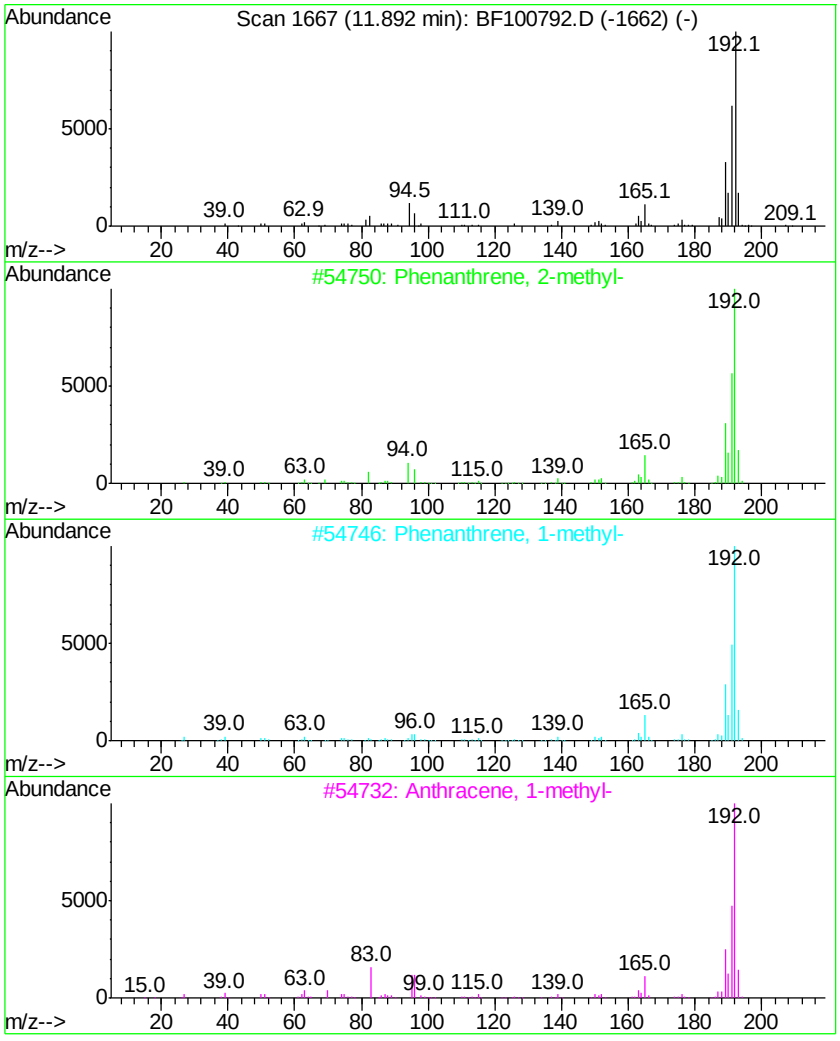
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

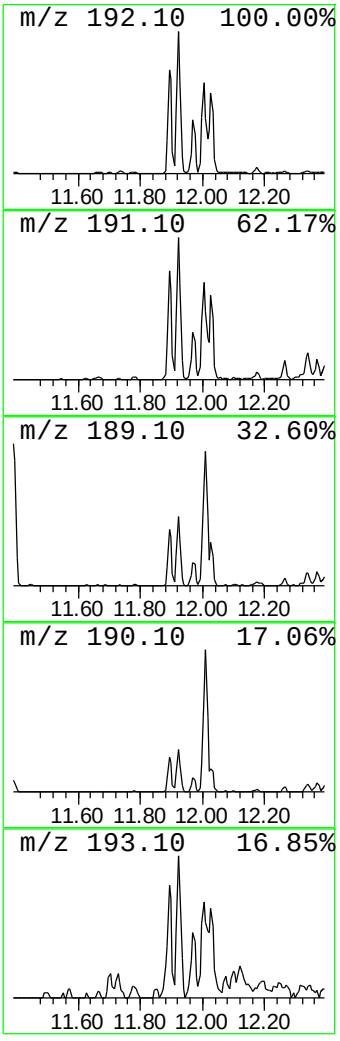
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	5.63 ng	150559	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

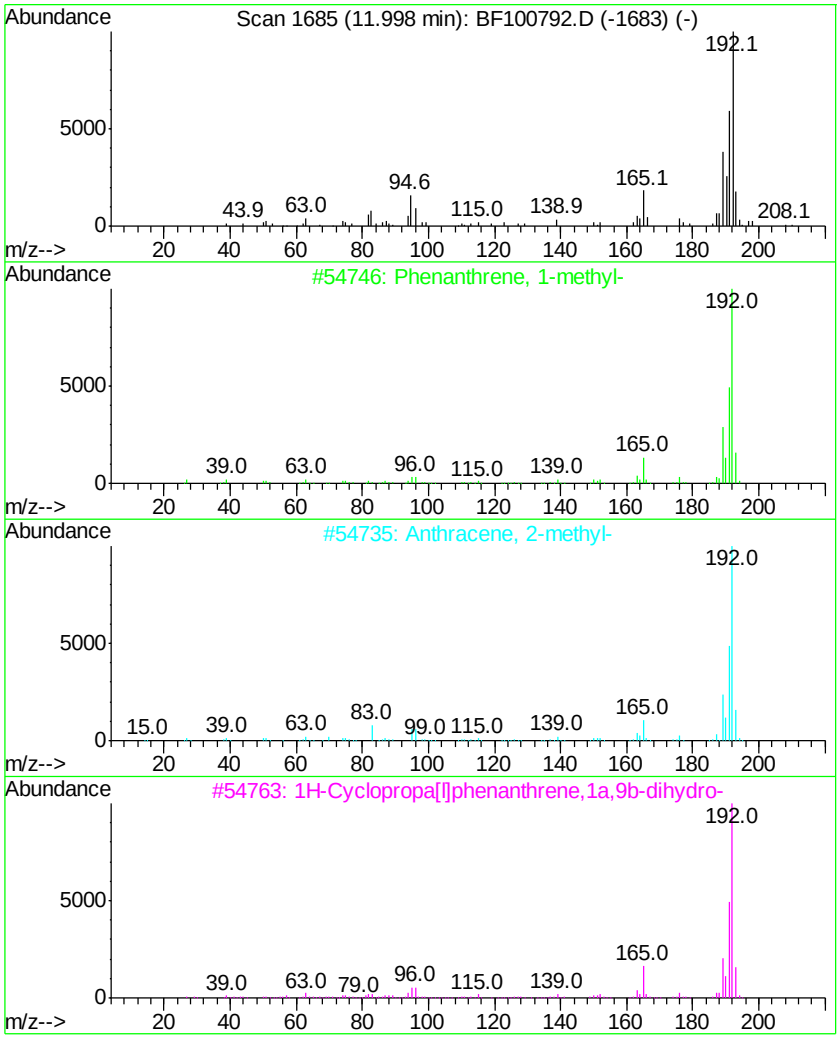
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

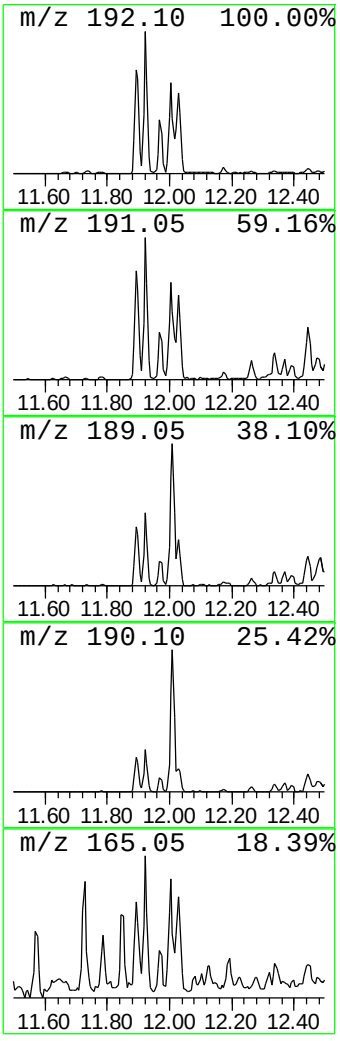
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	8.14 ng	217546	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

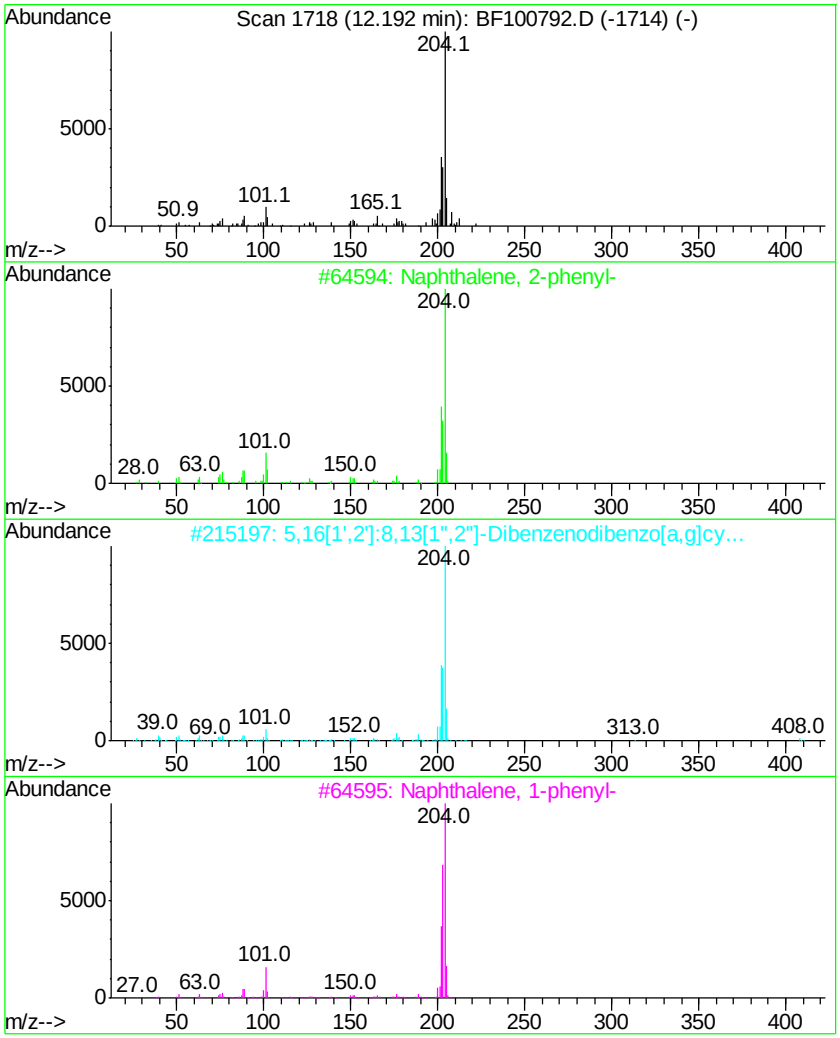
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

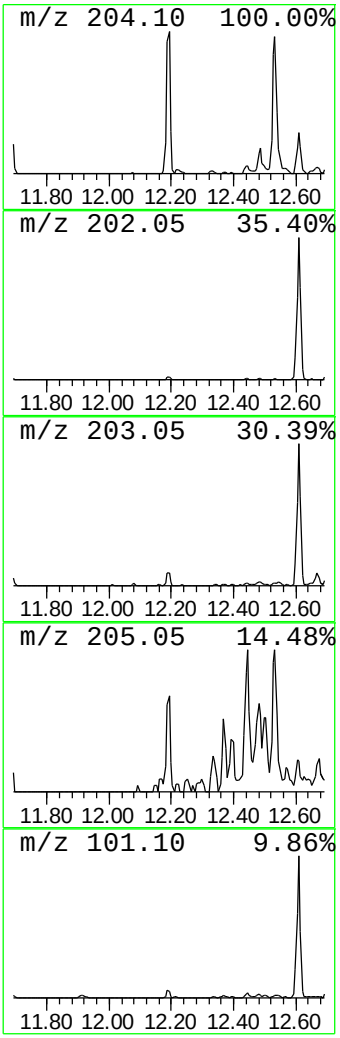
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	3.09 ng	82729	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

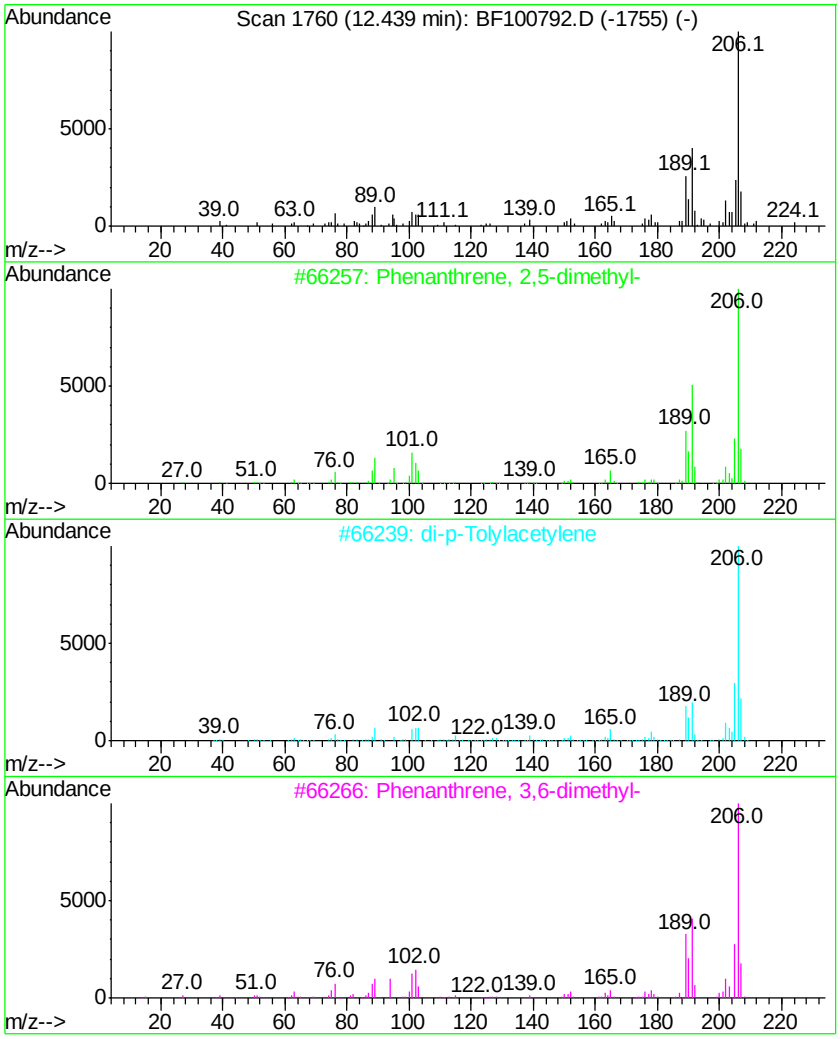
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

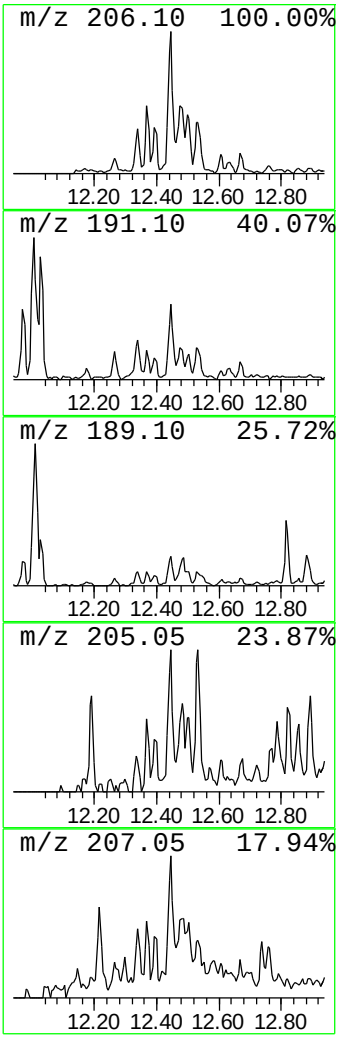
****

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	5.60 ng	149777	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

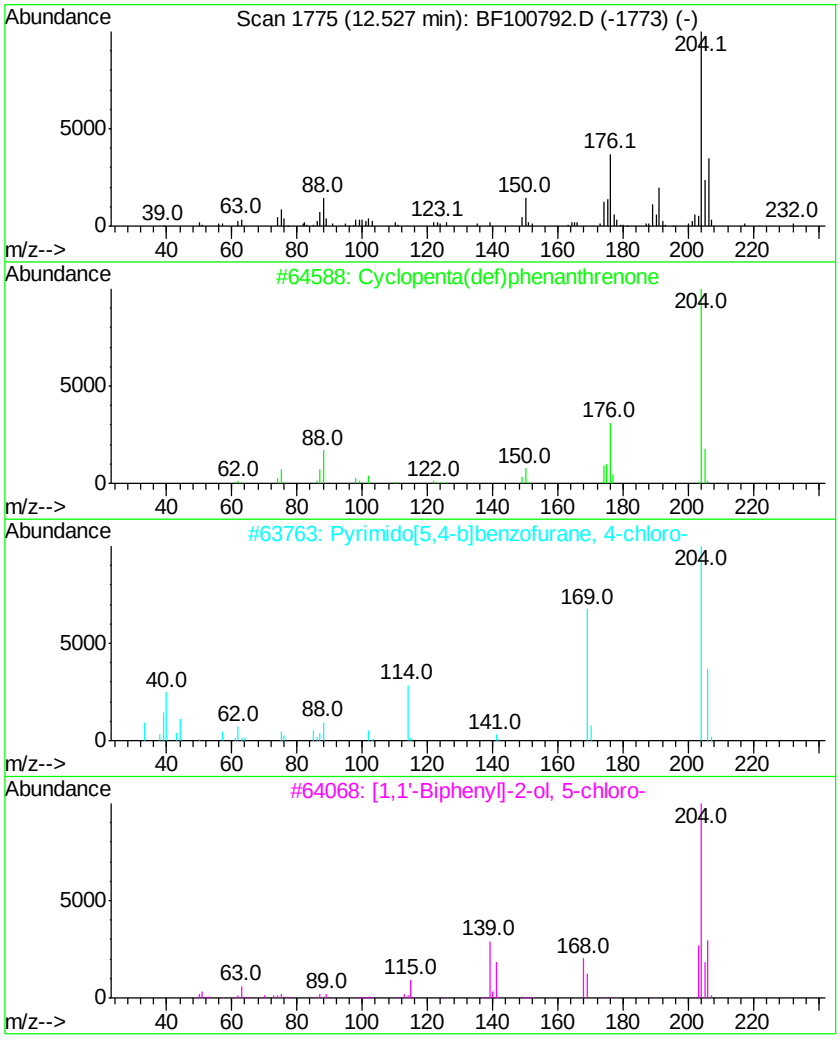
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

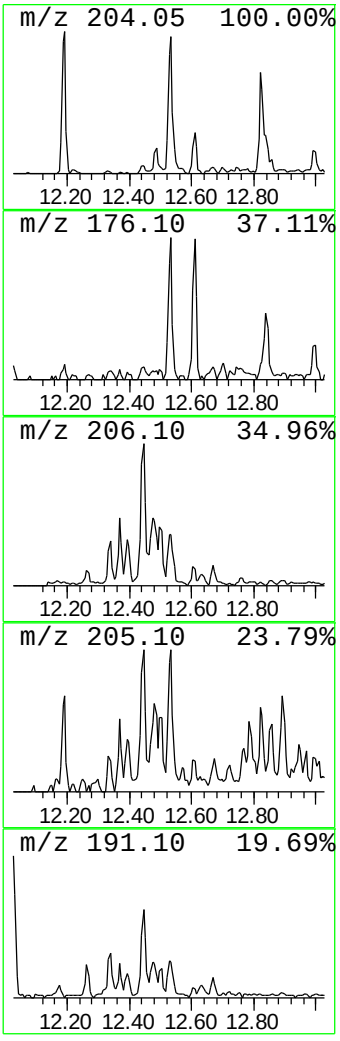
****

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	4.33 ng	115767	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

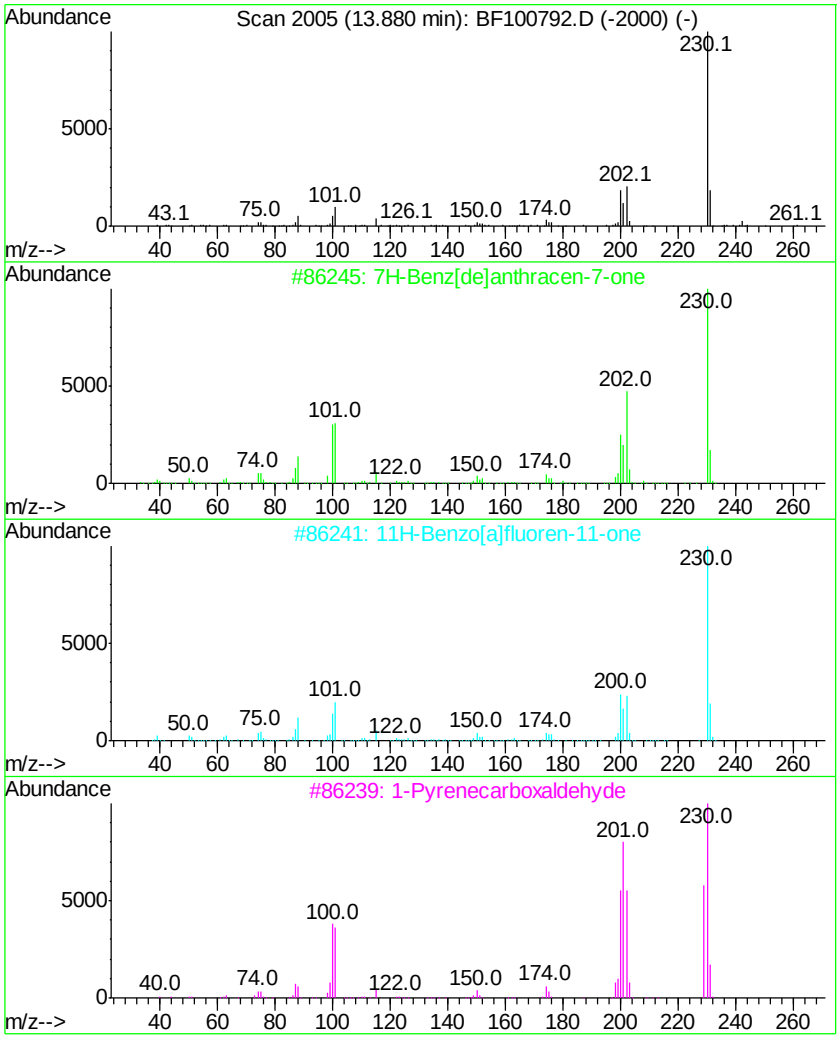
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

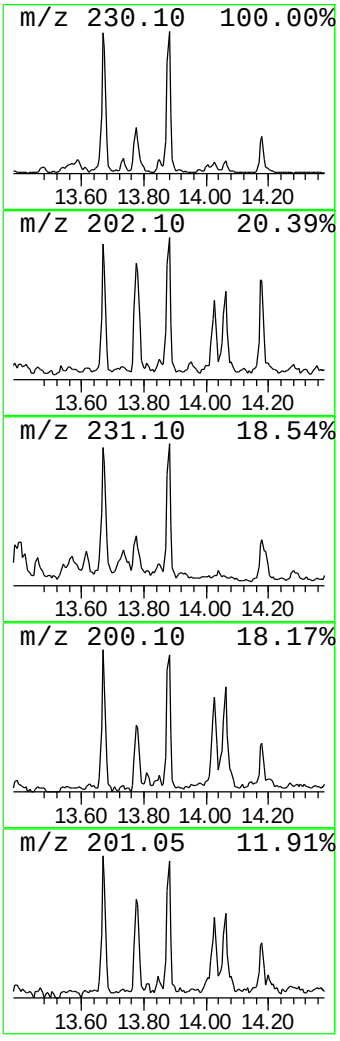
****

Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	4.36 ng	324055	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	64
5	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

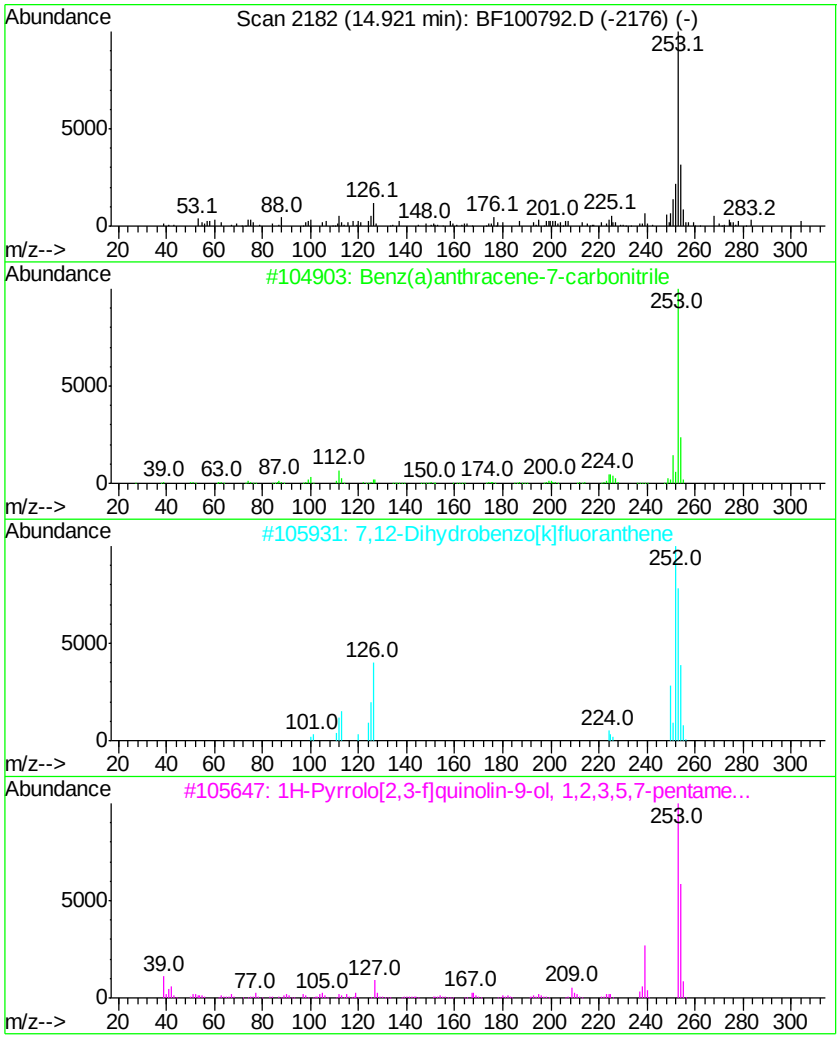
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

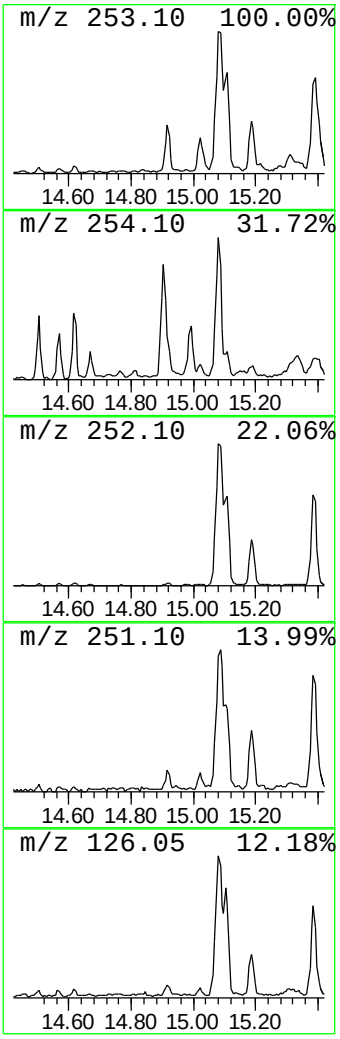
****

Peak Number 15 Benz(a)anthracene-7-carboni... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	3.26 ng	93052	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	60
2	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	58
3	1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	50
4	Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	46
5	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

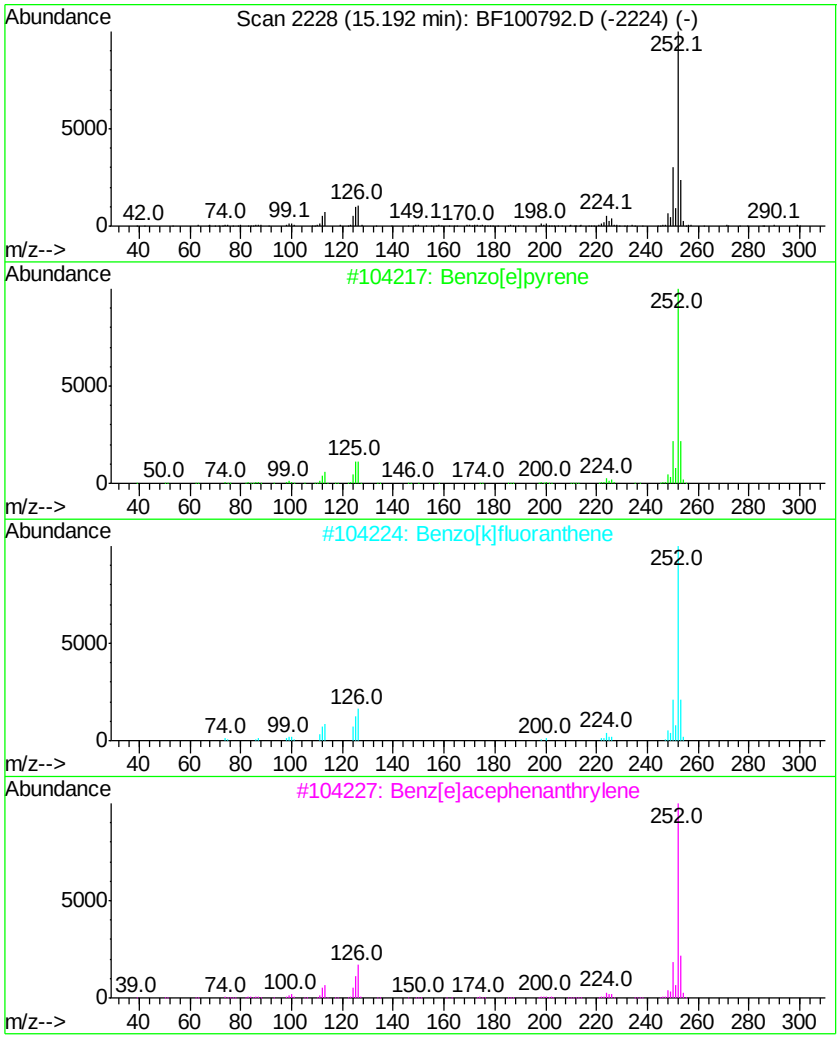
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

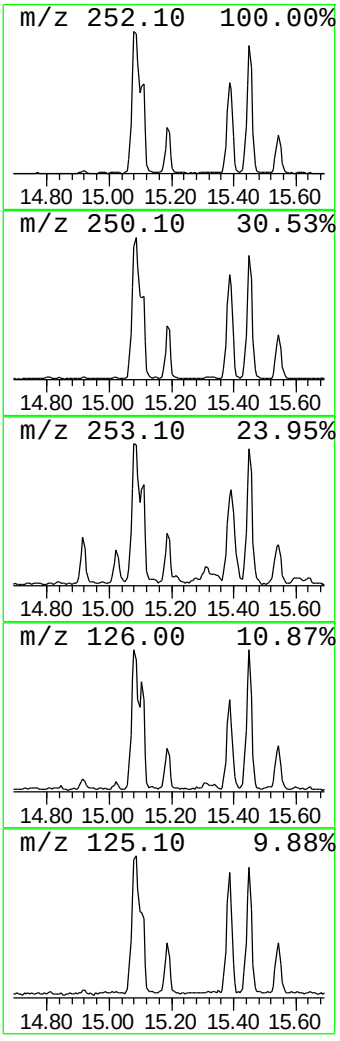
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	6.29 ng	179336	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

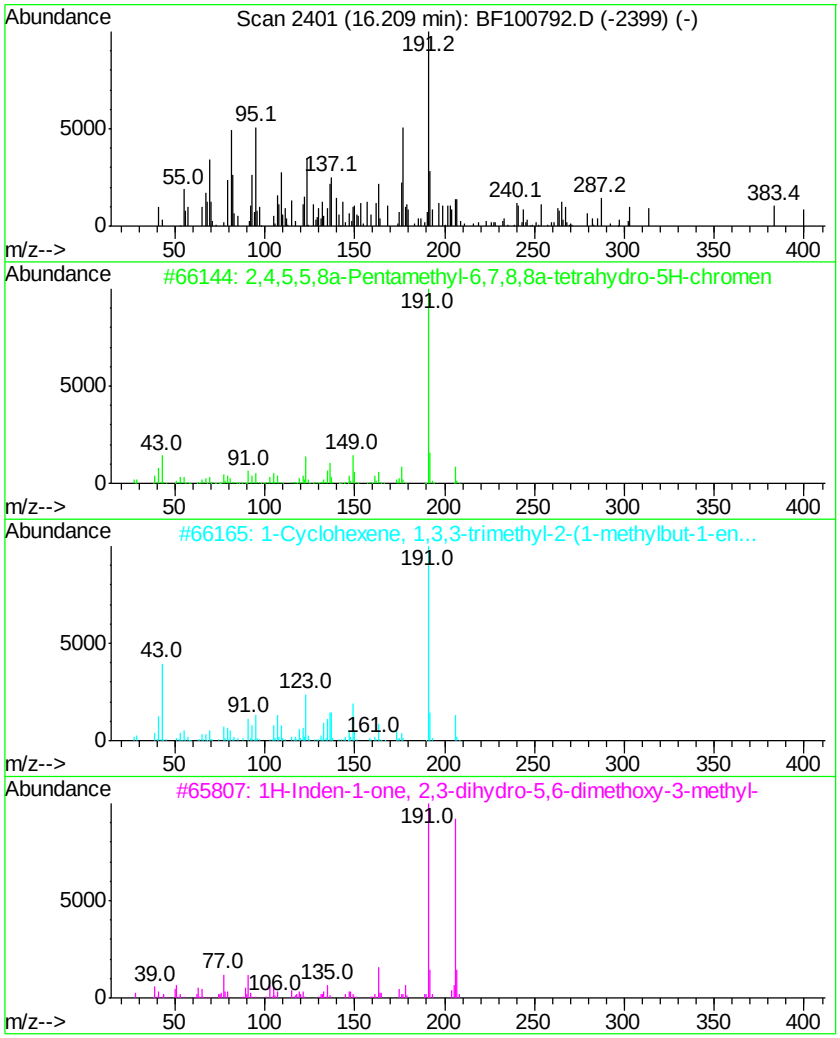
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

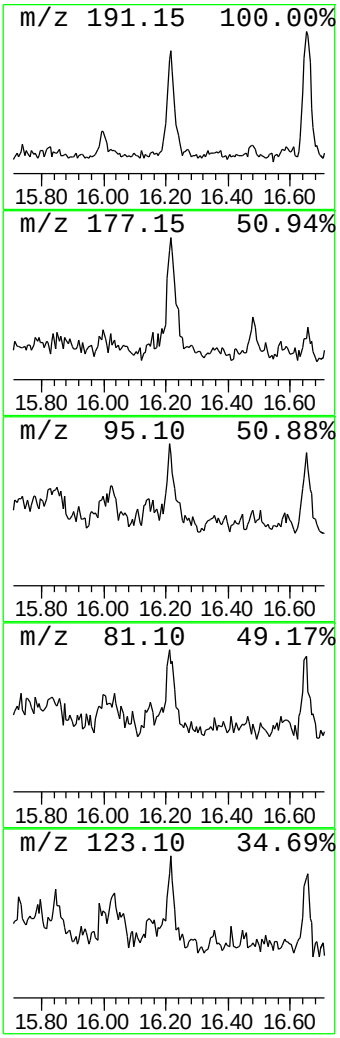
****

Peak Number 18 unknown16.21 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	4.15 ng	118347	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	41
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	30
3	1H-Inden-1-one, 2,3-dihydro-5,6-...	206	C12H14O3	004082-25-1	25
4	5-Fluoro-2-trifluoromethylbenzoi...	404	C22H32F4O2	1000338-55-5	22
5	4-Fluoro-3-trifluoromethylbenzoi...	404	C22H32F4O2	1000338-68-3	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

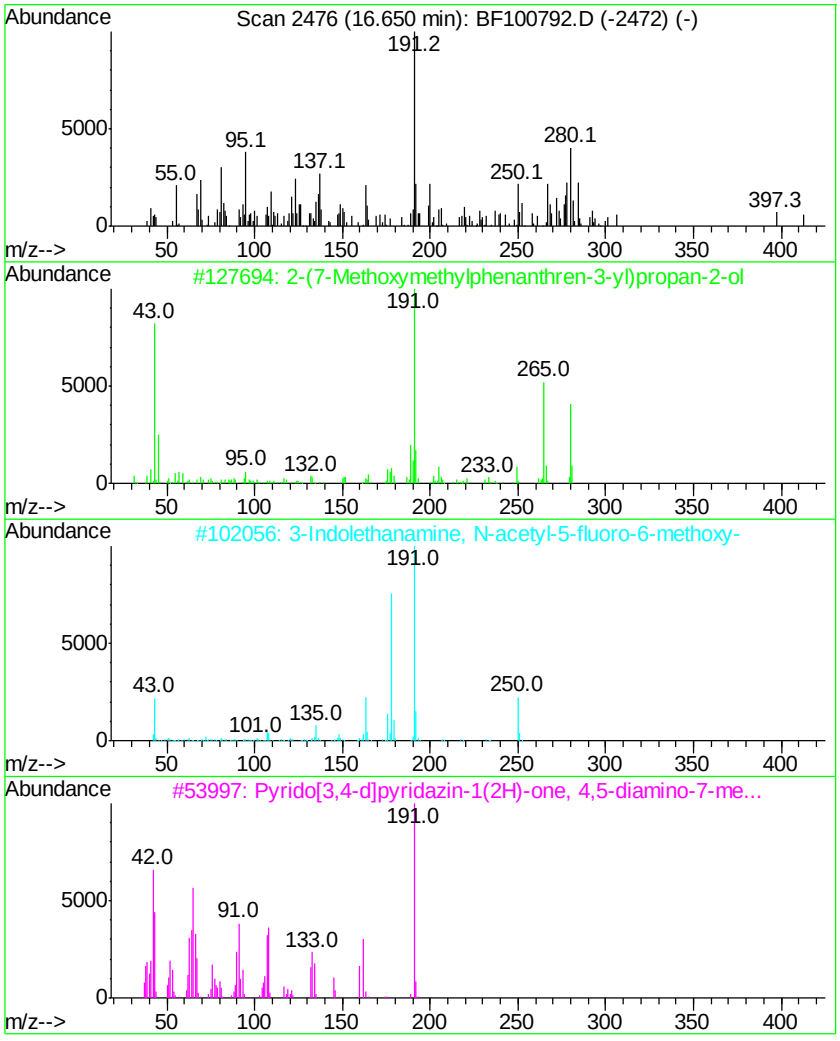
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

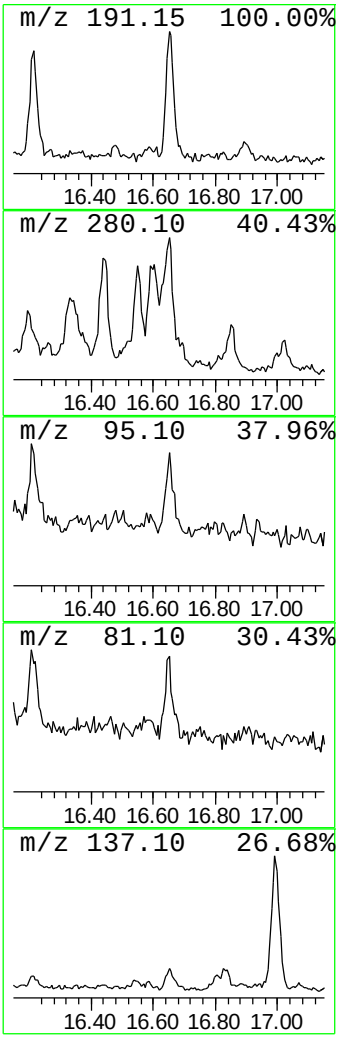
****

Peak Number 19 2-(7-Methoxymethylphenanthr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	4.37 ng	124724	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(7-Methoxymethylphenanthren-3-...	280	C19H20O2	1000201-97-9	52
2	3-Indolethanamine, N-acetyl-5-fl...	250	C13H15FN2O2	1000116-27-1	45
3	Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	38
4	2-Methylsulfanyl-benzoimidazole-...	284	C15H12N2O2S	1000294-32-8	35
5	1-(3-Nitro-phenyl)-pyrrolidine	192	C10H12N2O2	1000300-34-7	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

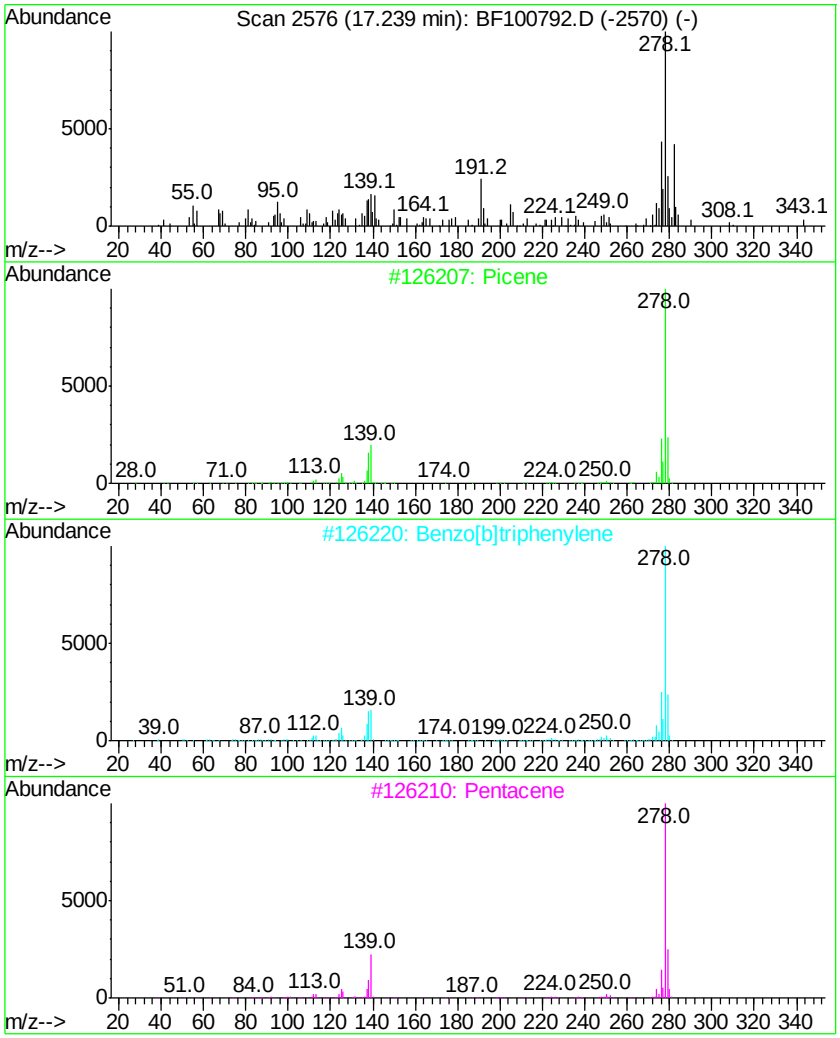
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

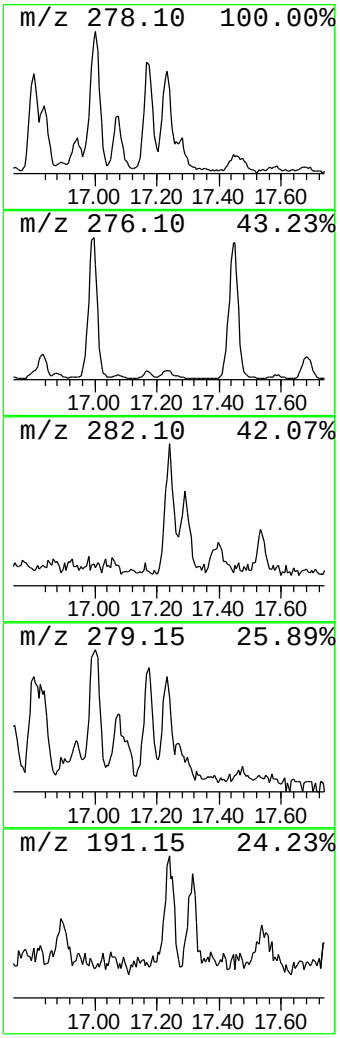
****

Peak Number 20 unknown17.24 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	4.89 ng	139480	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	46
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	46
3	Pentacene	278	C22H14	000135-48-8	46
4	Indeno[2,1-b]pyran, 2-(4-chlorop...	278	C18H11ClO	062096-34-8	38
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112117\
Data File : BF100792.D
Acq On : 21 Nov 2017 20:34
Operator : SJ/JU
Sample : I6499-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-1-E(0-1)

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.11	7.2	ng	168381	1	6.87	469202	20.0
unknown6.65	6.65	94.7	ng	2220380	1	6.87	469202	20.0
Eicosane	10.80	5.0	ng	134898	4	11.39	534720	20.0
9H-Fluoren-9-one	11.20	3.2	ng	84505	4	11.39	534720	20.0
Phenanthrene, 2-m...	11.89	5.6	ng	150559	4	11.39	534720	20.0
Phenanthrene, 1-m...	12.00	8.1	ng	217546	4	11.39	534720	20.0
Naphthalene, 2-ph...	12.19	3.1	ng	82729	4	11.39	534720	20.0
Phenanthrene, 2,5...	12.44	5.6	ng	149777	4	11.39	534720	20.0
Cyclopenta(def)ph...	12.53	4.3	ng	115767	4	11.39	534720	20.0
7H-Benz[de]anthra...	13.88	4.4	ng	324055	5	14.04	1487260	20.0
Benz(a)anthracene...	14.92	3.3	ng	93052	6	15.52	570210	20.0
Benzo[e]pyrene	15.19	6.3	ng	179336	6	15.52	570210	20.0
unknown16.21	16.21	4.2	ng	118347	6	15.52	570210	20.0
2-(7-Methoxymethy...	16.65	4.4	ng	124724	6	15.52	570210	20.0
unknown17.24	17.24	4.9	ng	139480	6	15.52	570210	20.0