LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100796.D
Acq On : 21 Nov 2017 22:21
Operator : SJ/JU
Sample : I6499-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

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-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	525	rBB	107640	145792	6.80%	0.470%
2	5.499	574	580	583	rBV	1958776	1962457	91.52%	6.332%
3	6.504	745	751	758	rVB	1784894	2054787	95.83%	6.630%
4	6.646	770	775	778	rBV	2138776	2021877	94.30%	6.524%
5	6.875	810	814	817	rBV	603256	500755	23.35%	1.616%
6	7.028	836	840	844	rBV	1637675	1544528	72.03%	4.983%
7	7.440	904	910	913	rBV	1223540	1242346	57.94%	4.008%
8	8.151	1028	1031	1035	rBV	714772	632834	29.51%	2.042%
9	9.228	1209	1214	1217	rBV	2280688	2144199	100.00%	6.918%
10	9.304	1223	1227	1229	rBV	57865	47672	2.22%	0.154%
11	9.563	1264	1271	1277	rBV5	18552	33569	1.57%	0.108%
12	9.622	1277	1281	1284	rBV	199283	188871	8.81%	0.609%
13	9.769	1303	1306	1309	rBV	131080	102228	4.77%	0.330%
14	9.834	1313	1317	1320	rVV	92819	76673	3.58%	0.247%
15	9.910	1326	1330	1333	rVV	750508	625211	29.16%	2.017%
16	9.939	1333	1335	1338	rVB	43065	30303	1.41%	0.098%
17	10.110	1359	1364	1368	rVB2	31819	41987	1.96%	0.135%
18	10.304	1394	1397	1399	rBV	30407	30081	1.40%	0.097%
19	10.328	1399	1401	1404	rVB	86548	72732	3.39%	0.235%
20	10.457	1419	1423	1428	rVB2	31765	35752	1.67%	0.115%
21	10.551	1435	1439	1445	rBV3	26948	35166	1.64%	0.113%
22	10.698	1460	1464	1467	rBV	1204800	1062034	49.53%	3.427%
23	10.804	1479	1482	1491	rVB	94031	117897	5.50%	0.380%
24	10.998	1510	1515	1519	rBV5	26244	43913	2.05%	0.142%
25	11.151	1539	1541	1546	rVV3	30916	38148	1.78%	0.123%
26	11.198	1546	1549	1553	rVV	62312	55032	2.57%	0.178%
27	11.251	1553	1558	1560	rVV2	95256	88357	4.12%	0.285%
28	11.292	1560	1565	1570	rVB2	50306	73748	3.44%	0.238%
29	11.398	1579	1583	1585	rBV	583195	595051	27.75%	1.920%
30	11.422	1585	1587	1590	rVV	778682	587572	27.40%	1.896%
31	11.469	1592	1595	1598	rVB	171642	132802	6.19%	0.428%
32	11.622	1615	1621	1627	rBV3	54726	96173	4.49%	0.310%
33	11.675	1627	1630	1634	rVV2	72393	86767	4.05%	0.280%
34	11.728	1637	1639	1643	rVB3	32754	29917	1.40%	0.097%

LSC Area Percent Report

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Data File : BF100796.D
Acq On : 21 Nov 2017 22:21
Operator : SJ/JU
Sample : I6499-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

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

35	11.780	1643	1648	1651	rBV3	34021	33802	1.58%	0.109%
36	11.898	1664	1668	1669	rVV	121334	114565	5.34%	0.370%
37	11.922	1669	1672	1677	rVV2	202631	261316	12.19%	0.843%
38	11.969	1677	1680	1683	rVV	58791	51794	2.42%	0.167%
39	12.010	1683	1687	1689	rVV2	144424	173467	8.09%	0.560%
40	12.028	1689	1690	1695	rVB	95565	73460	3.43%	0.237%
41	12.086	1696	1700	1704	rVV2	59803	63958	2.98%	0.206%
42	12.192	1715	1718	1720	rBV	102294	81906	3.82%	0.264%
43	12.216	1720	1722	1725	rVV	86276	66015	3.08%	0.213%
44	12.339	1738	1743	1745	rBV3	38689	39696	1.85%	0.128%
45	12.369	1745	1748	1750	rVV2	40970	34693	1.62%	0.112%
46	12.445	1755	1761	1764	rBV2	91672	130831	6.10%	0.422%
47	12.475	1764	1766	1770	rVV2	80080	123169	5.74%	0.397%
48	12.533	1773	1776	1780	rVB	118187	119059	5.55%	0.384%
49	12.610	1785	1789	1793	rVB	1271199	1127991	52.61%	3.640%
50	12.651	1793	1796	1798	rBV	26025	29949	1.40%	0.097%
51	12.704	1802	1805	1807	rBV	88241	80904	3.77%	0.261%
52	12.739	1807	1811	1813	rBV2	28932	39510	1.84%	0.127%
53	12.839	1822	1828	1833	rBV	1134153	1212769	56.56%	3.913%
54	12.886	1833	1836	1840	rVB2	64120	75578	3.52%	0.244%
55	12.980	1848	1852	1855	rVB	1497238	1316958	61.42%	4.249%
56	13.051	1860	1864	1869	rBV3	92865	165107	7.70%	0.533%
57	13.139	1876	1879	1881	rBV3	87535	112597	5.25%	0.363%
58	13.163	1881	1883	1887	rVB	117751	102935	4.80%	0.332%
59	13.198	1887	1889	1892	rBV3	40898	36320	1.69%	0.117%
60	13.227	1892	1894	1897	rVV	41874	41658	1.94%	0.134%
61	13.269	1897	1901	1904	rVV2	143364	161030	7.51%	0.520%
62	13.327	1908	1911	1913	rBV2	28368	33011	1.54%	0.107%
63	13.363	1914	1917	1919	rVV	78525	66290	3.09%	0.214%
64	13.392	1919	1922	1925	rVB2	86529	79540	3.71%	0.257%
65	13.539	1944	1947	1950	rBV5	38467	55864	2.61%	0.180%
66	13.669	1966	1969	1974	rVB	214325	213543	9.96%	0.689%
67	13.780	1984	1988	1991	rBV2	151086	188638	8.80%	0.609%
68	13.810	1991	1993	1995	rVV	125940	112092	5.23%	0.362%
69	13.839	1995	1998	1999	rVV	106969	116938	5.45%	0.377%
70	13.880	1999	2005	2009	rVB3	218960	373317	17.41%	1.205%
71	14.033	2023	2031	2034	rBV3	961013	1450268	67.64%	4.679%

LSC Area Percent Report

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Sample : I6499-08
Misc :
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Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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72	14.063	2034	2036	2044	rVB	727783	656993	30.64%	2.120%
73	14.180	2054	2056	2061	rVV3	73055	77067	3.59%	0.249%
74	14.263	2066	2070	2072	rVV2	65871	88162	4.11%	0.284%
75	14.292	2072	2075	2077	rVB	56312	48672	2.27%	0.157%
76	14.421	2092	2097	2100	rBV	154856	156365	7.29%	0.505%
77	14.457	2100	2103	2106	rVB2	86704	88681	4.14%	0.286%
78	14.504	2106	2111	2115	rBV4	49219	110326	5.15%	0.356%
79	14.545	2115	2118	2120	rVV2	90360	90065	4.20%	0.291%
80	14.569	2120	2122	2126	rVV2	58450	70309	3.28%	0.227%
81	14.616	2128	2130	2136	rVB3	60788	66125	3.08%	0.213%
82	14.839	2166	2168	2172	rVB3	41542	45487	2.12%	0.147%
83	14.916	2176	2181	2188	rVB2	64086	132991	6.20%	0.429%
84	14.986	2190	2193	2197	rBV3	41478	49276	2.30%	0.159%
85	15.080	2204	2209	2212	rBV	601033	932341	43.48%	3.008%
86	15.186	2224	2227	2230	rBV	143647	151404	7.06%	0.489%
87	15.274	2240	2242	2244	rBV2	31815	29114	1.36%	0.094%
88	15.386	2256	2261	2267	rVB	352150	502616	23.44%	1.622%
89	15.451	2267	2272	2277	rBV	509020	612276	28.55%	1.976%
90	15.516	2278	2283	2286	rVV	396023	527524	24.60%	1.702%
91	15.545	2286	2288	2294	rVB2	161758	195449	9.12%	0.631%
92	16.080	2376	2379	2383	rVB2	25993	36086	1.68%	0.116%
93	16.545	2455	2458	2462	rBV5	20631	32280	1.51%	0.104%
94	16.651	2473	2476	2481	rVB4	38005	50865	2.37%	0.164%
95	16.833	2504	2507	2513	rVB3	42378	73091	3.41%	0.236%
96	16.992	2528	2534	2542	rVB2	199657	395006	18.42%	1.275%
97	17.168	2559	2564	2570	rBV	45746	91338	4.26%	0.295%
98	17.233	2570	2575	2582	rVV3	42954	84995	3.96%	0.274%
99	17.445	2604	2611	2622	rVB2	165669	387428	18.07%	1.250%
100	17.680	2645	2651	2656	rVB2	32778	72801	3.40%	0.235%

Sum of corrected areas: 30992902

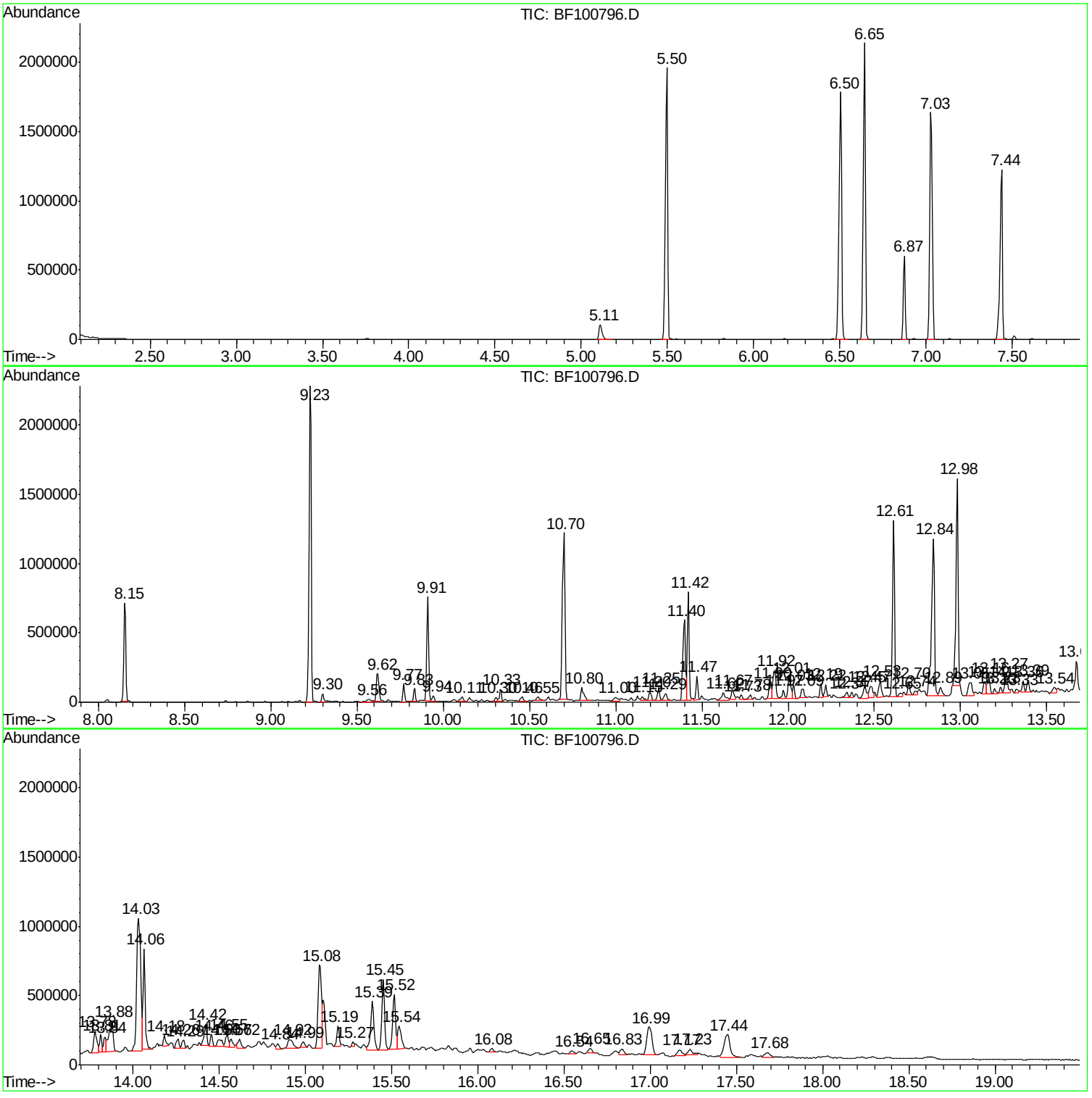
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100796.D
Acq On : 21 Nov 2017 22:21
Operator : SJ/JU
Sample : I6499-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PG1-3-E(4-5)

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\
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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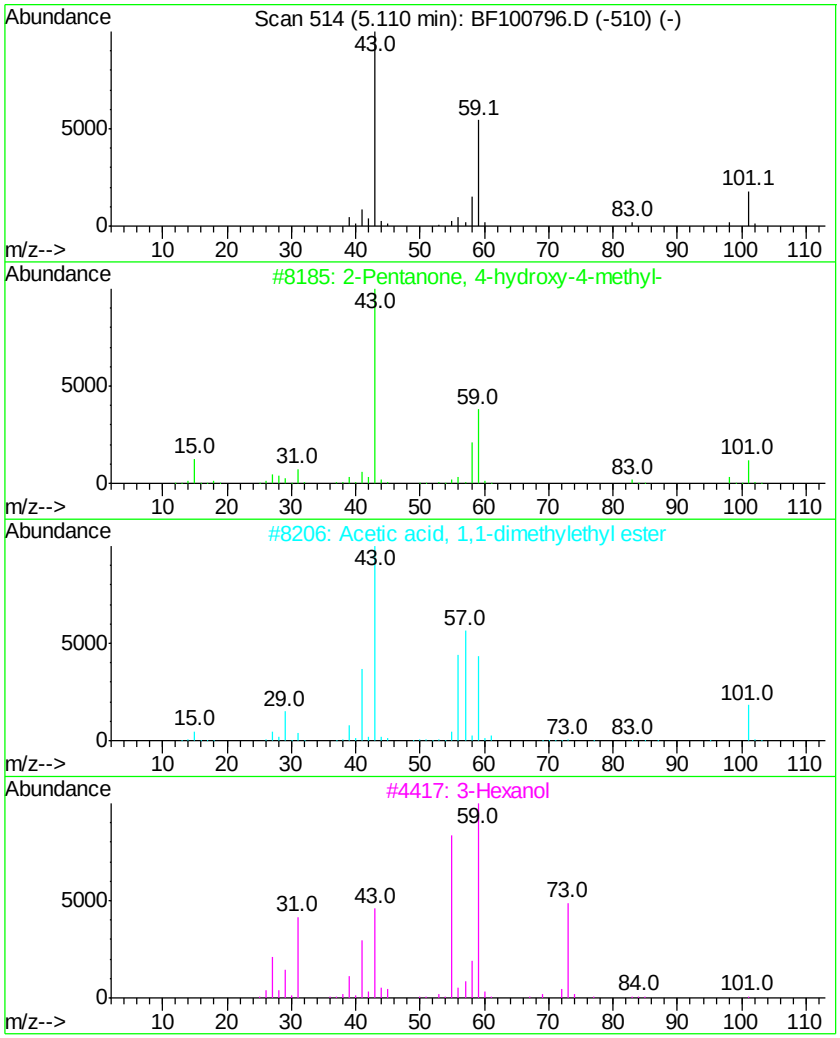
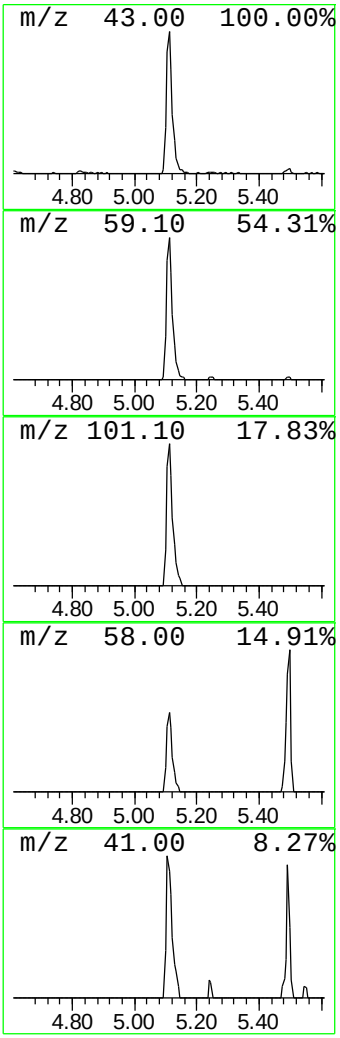
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	5.82 ng	145792	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	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
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Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

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

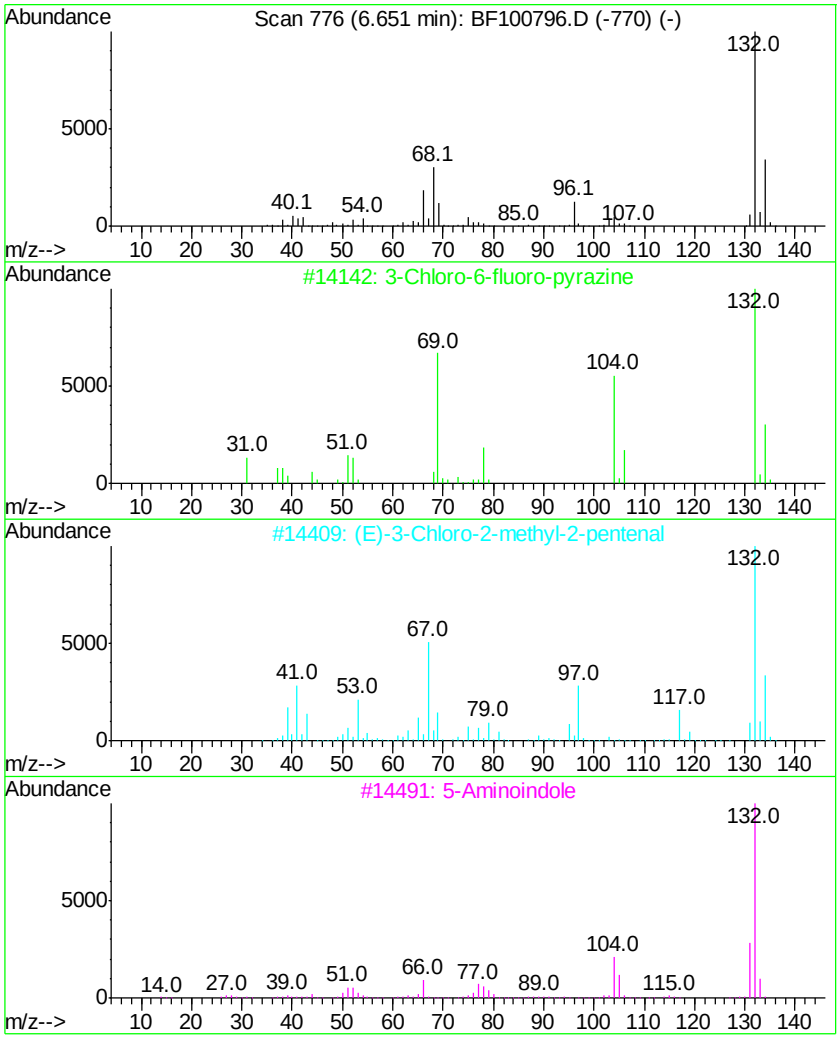
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

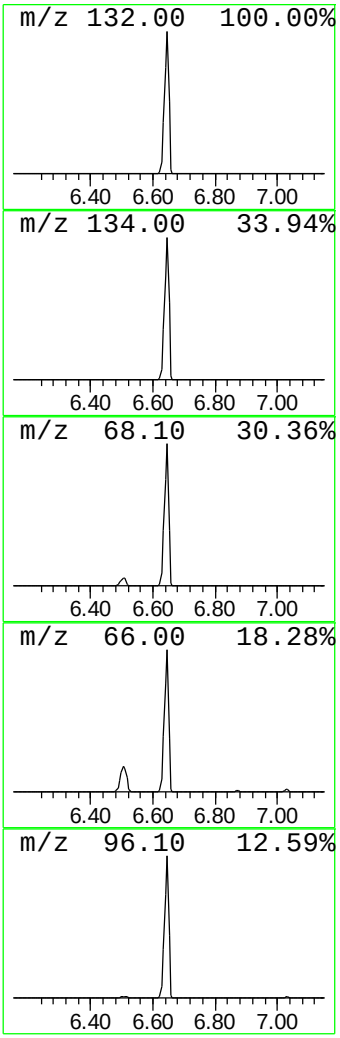
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	80.75 ng	2021880	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

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
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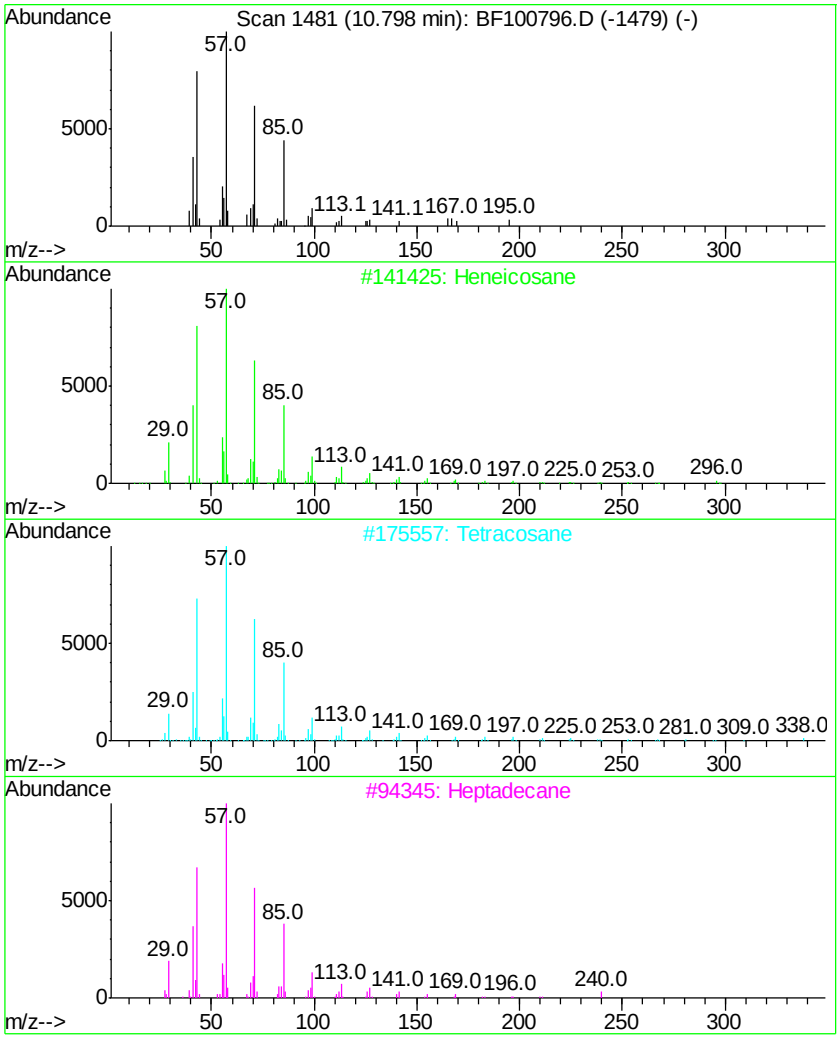
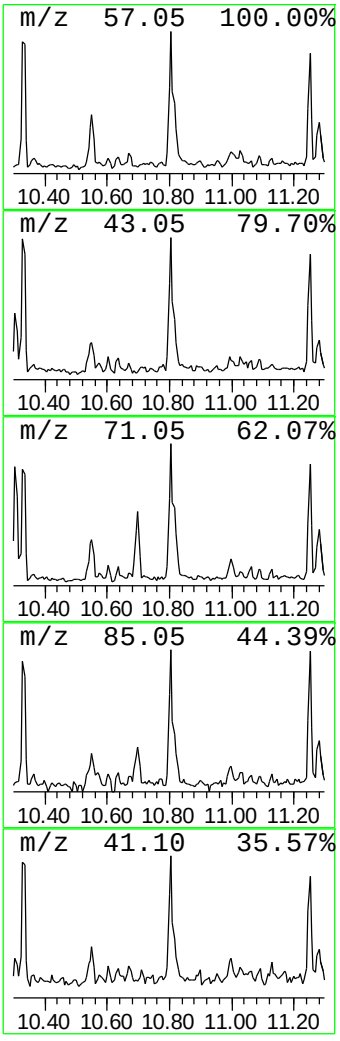
Peak Number 4 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.96 ng	117897	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
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Sample : I6499-08
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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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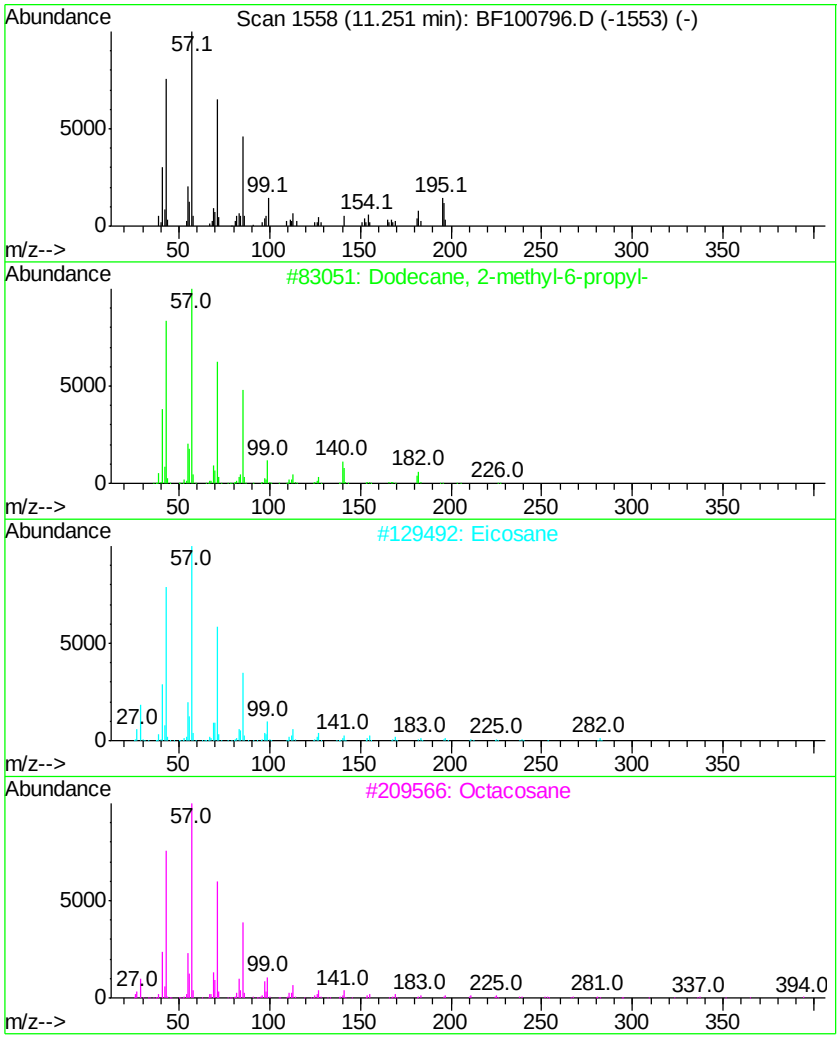
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

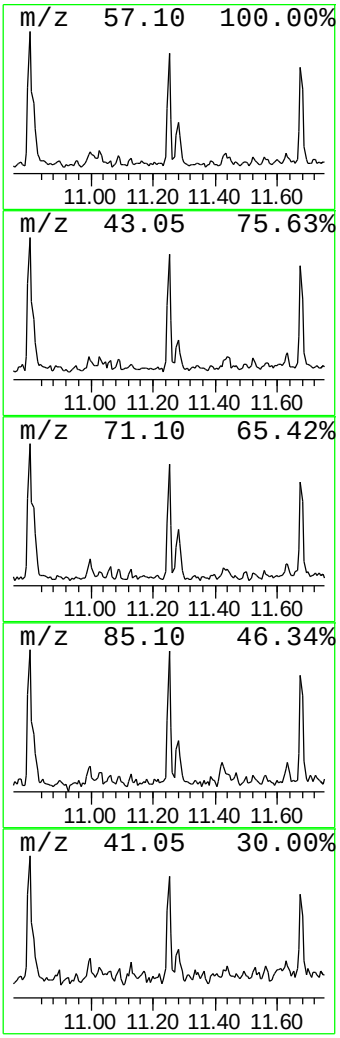
****

Peak Number 5 Dodecane, 2-methyl-6-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.97 ng	88357	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
2	Eicosane	282	C20H42	000112-95-8	68
3	Octacosane	394	C28H58	000630-02-4	62
4	Octadecane	254	C18H38	000593-45-3	58
5	Hexadecane	226	C16H34	000544-76-3	58





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Data File : BF100796.D
Acq On : 21 Nov 2017 22:21
Operator : SJ/JU
Sample : I6499-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

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

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

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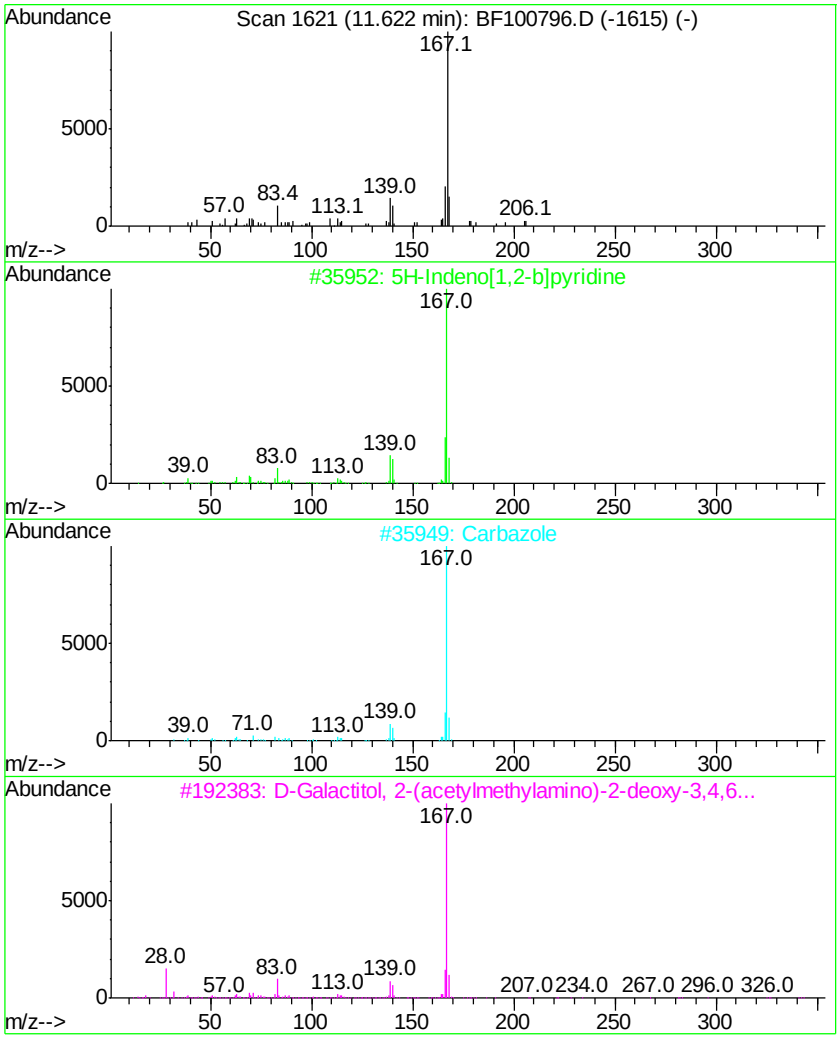
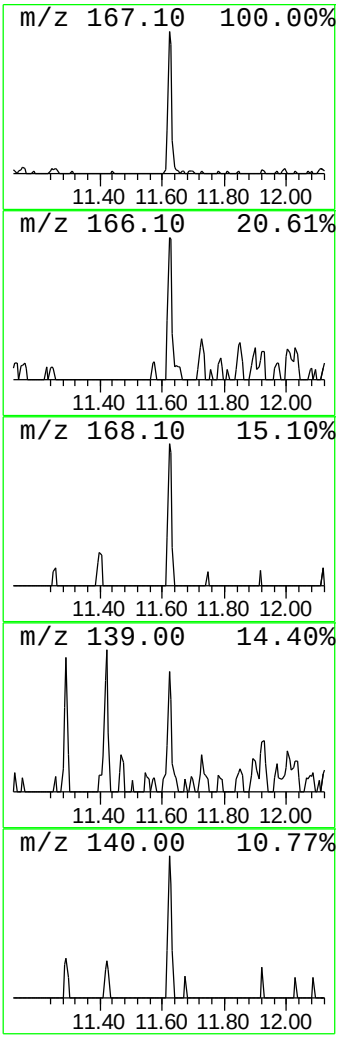
Peak Number 6 5H-Indeno[1,2-b]pyridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	3.23 ng	96173	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	Carbazole	167	C12H9N	000086-74-8	91
3	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	91
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	86





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Acq On : 21 Nov 2017 22:21
Operator : SJ/JU
Sample : I6499-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

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

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

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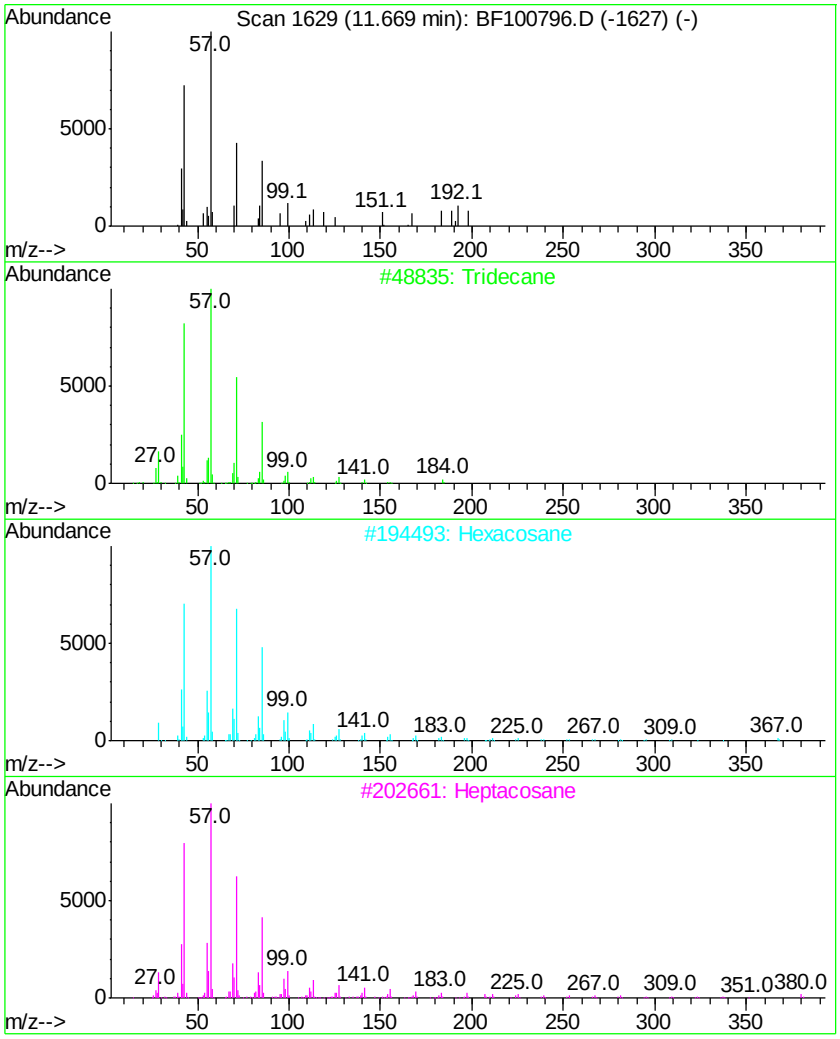
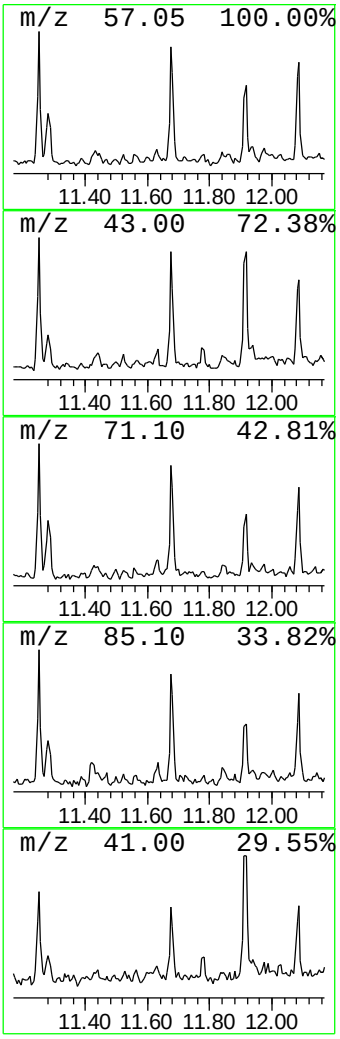
Peak Number 7 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	2.92 ng	86767	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tetracosane	338	C24H50	000646-31-1	86





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ClientSampleId : PG1-3-E(4-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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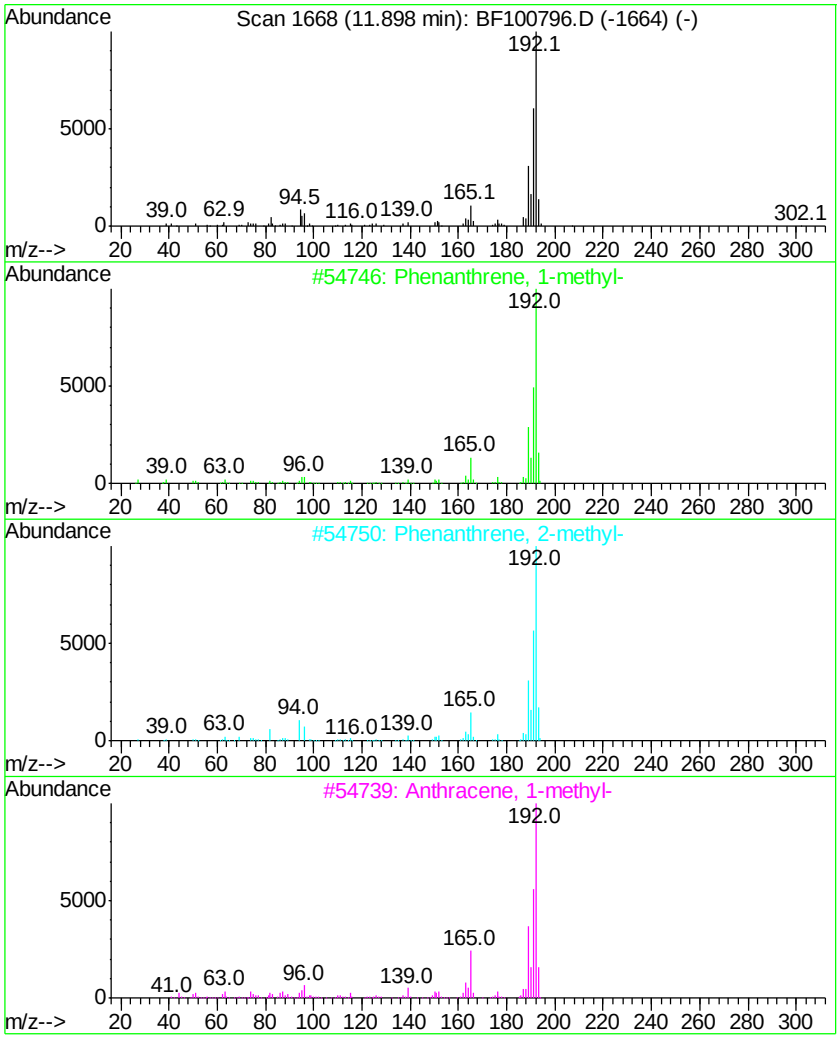
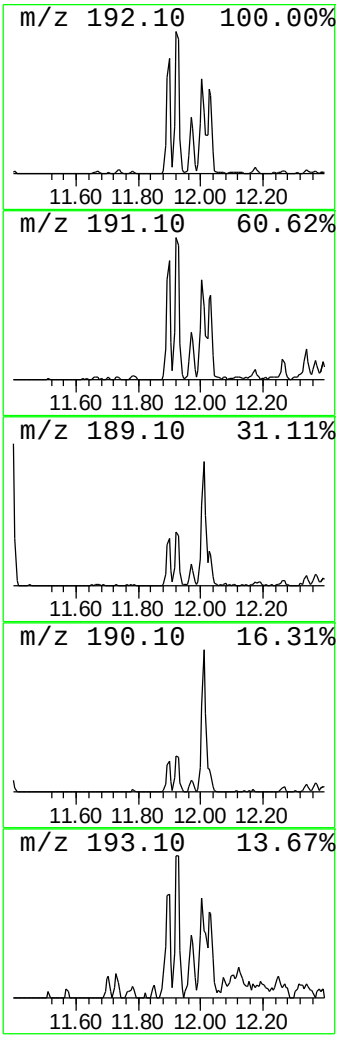
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.85 ng	114565	Phenanthrene-d10	11.40

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	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Misc :
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Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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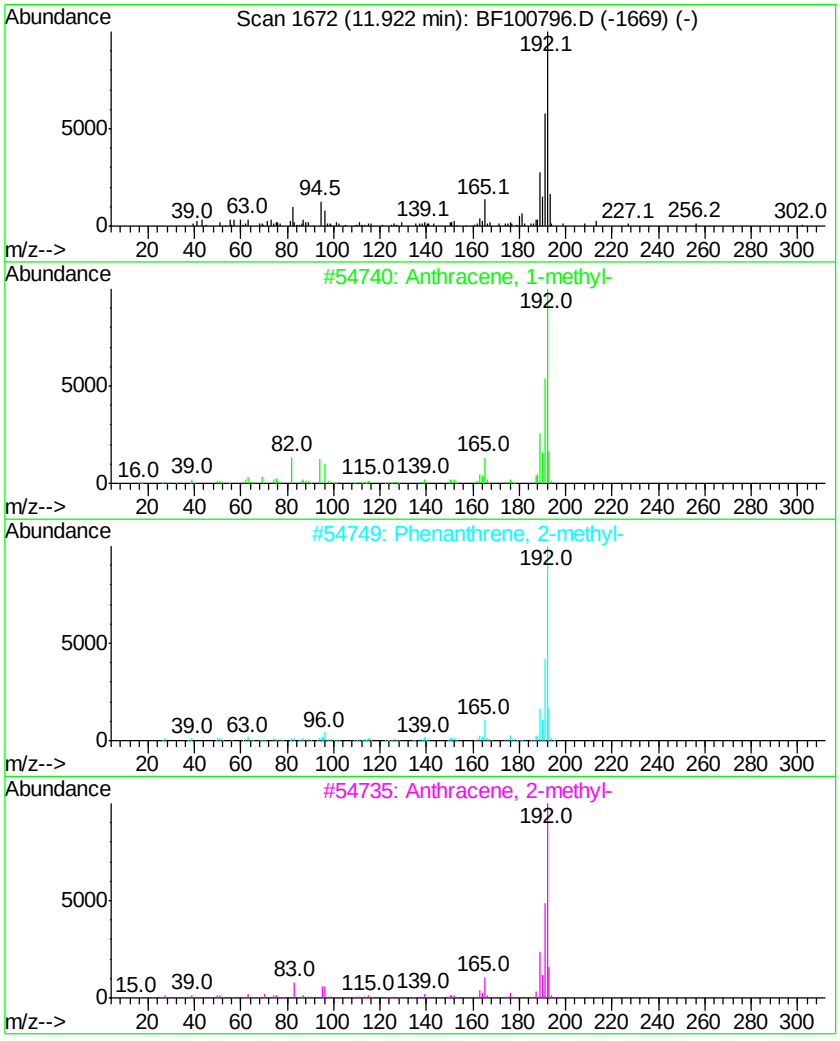
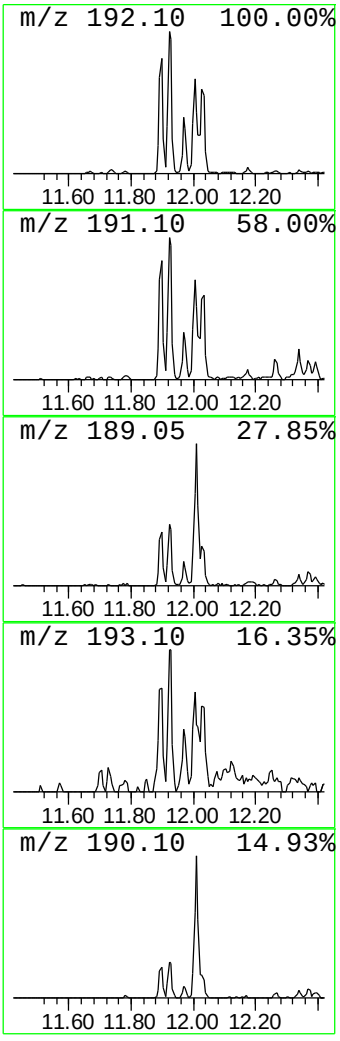
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	8.78 ng	261316	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

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

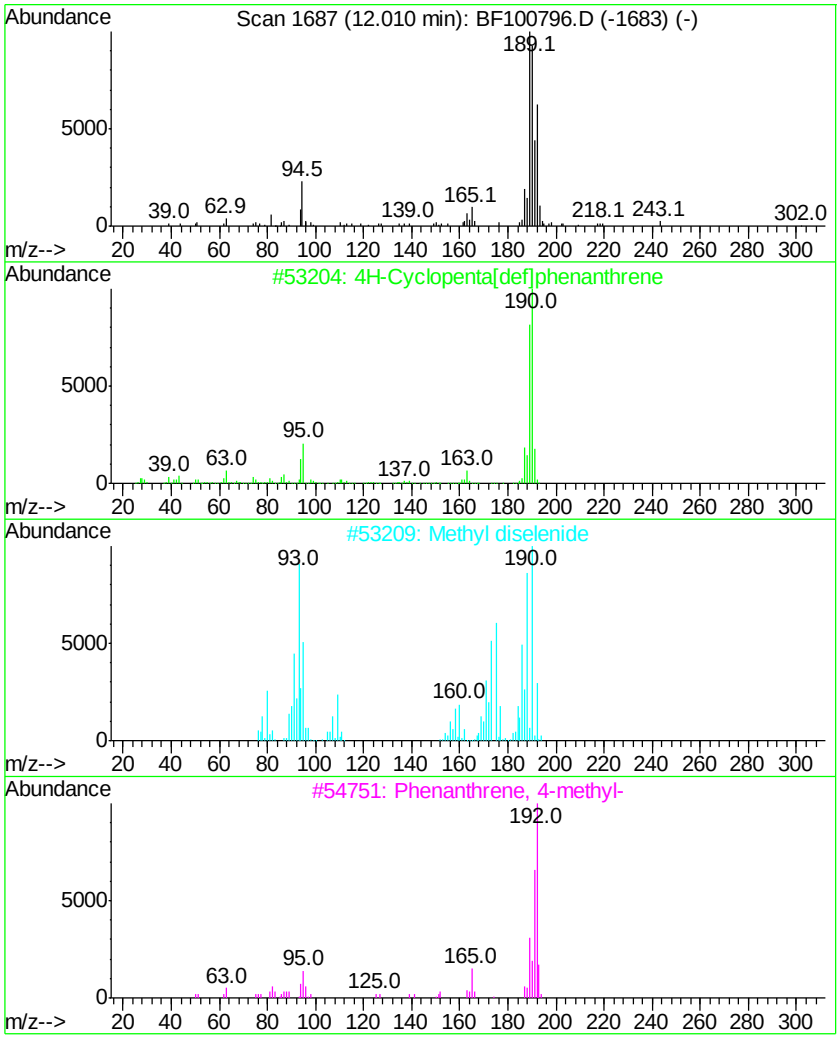
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

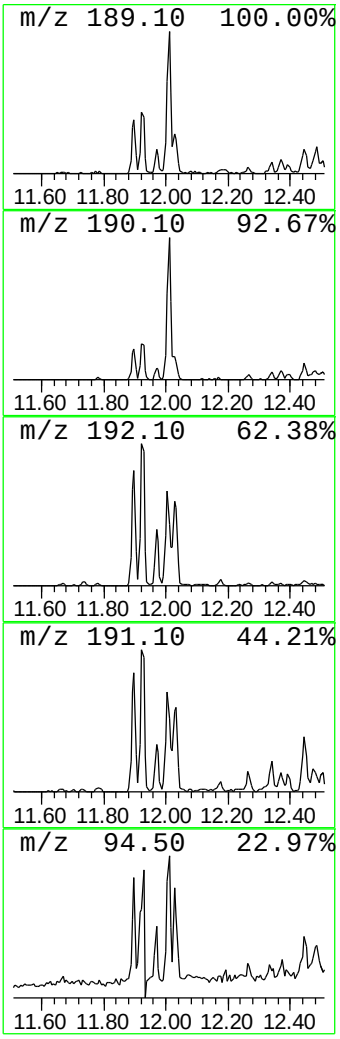
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	5.83 ng	173467	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	38
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

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

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

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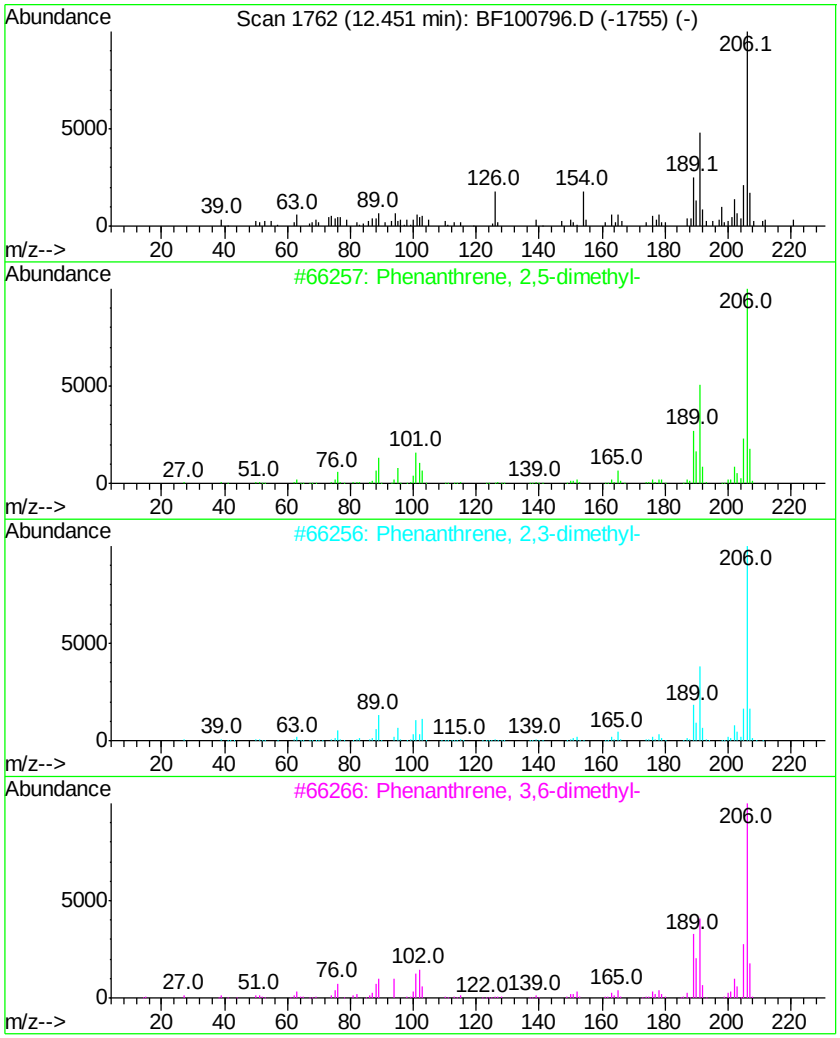
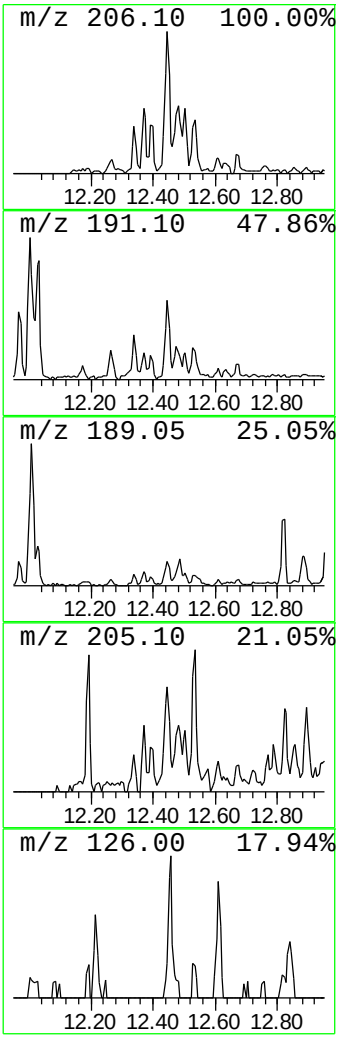
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	4.40 ng	130831	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

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

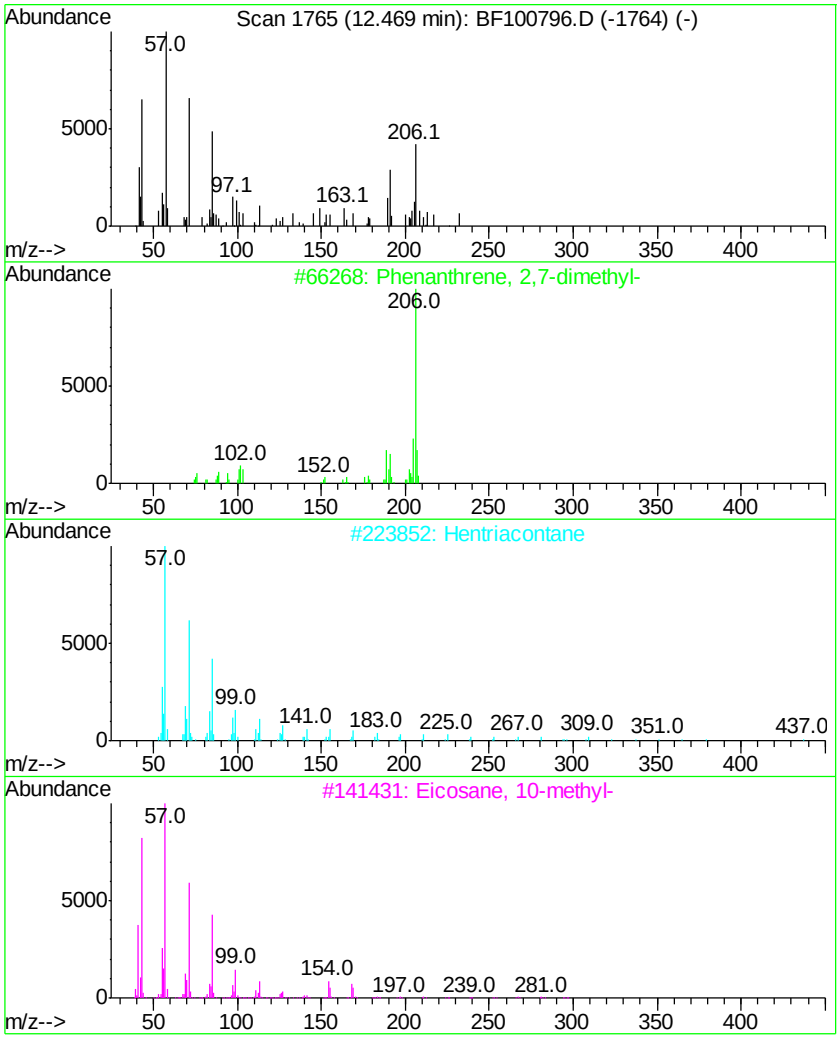
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

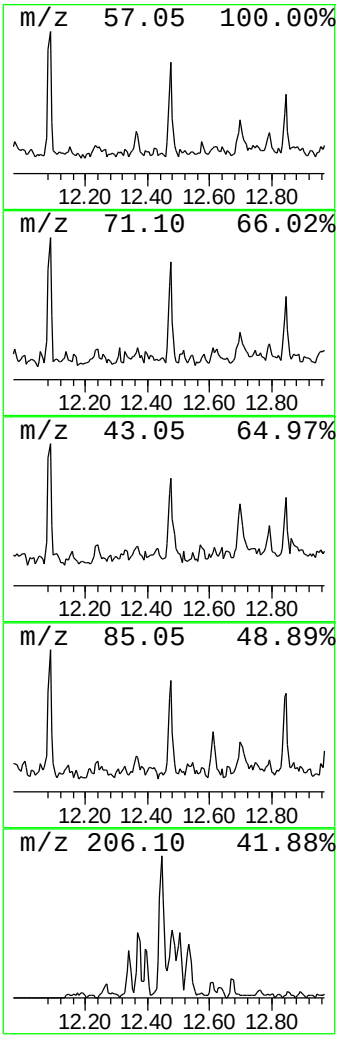
****

Peak Number 12 unknown12.47 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.14 ng	123169	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	46
2	Hentriacontane	437	C31H64	000630-04-6	38
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	35
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	35
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	30





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Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

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

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

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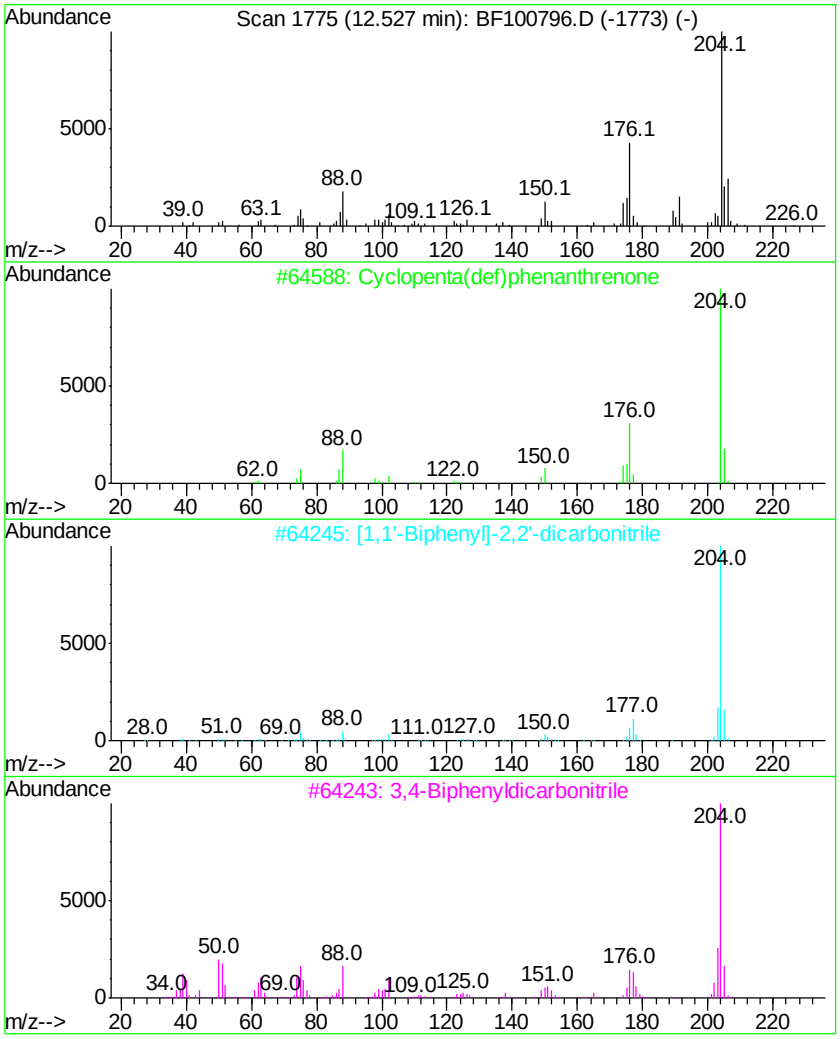
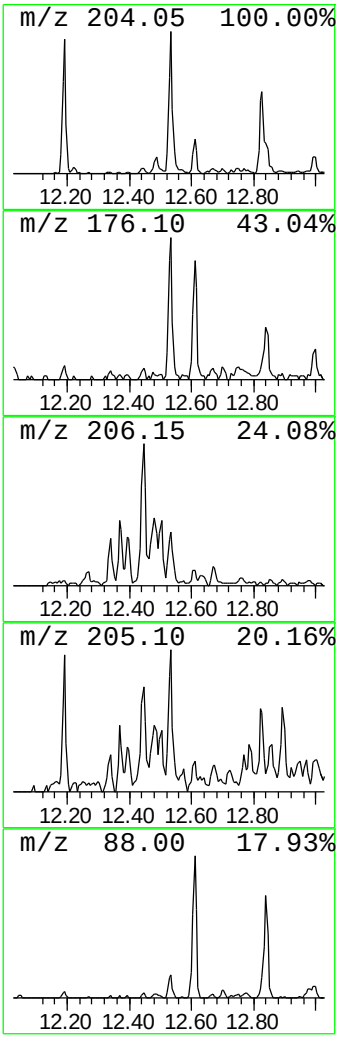
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	4.00 ng	119059	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49





Library Search Compound Report

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Sample : I6499-08
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ClientSampleId : PG1-3-E(4-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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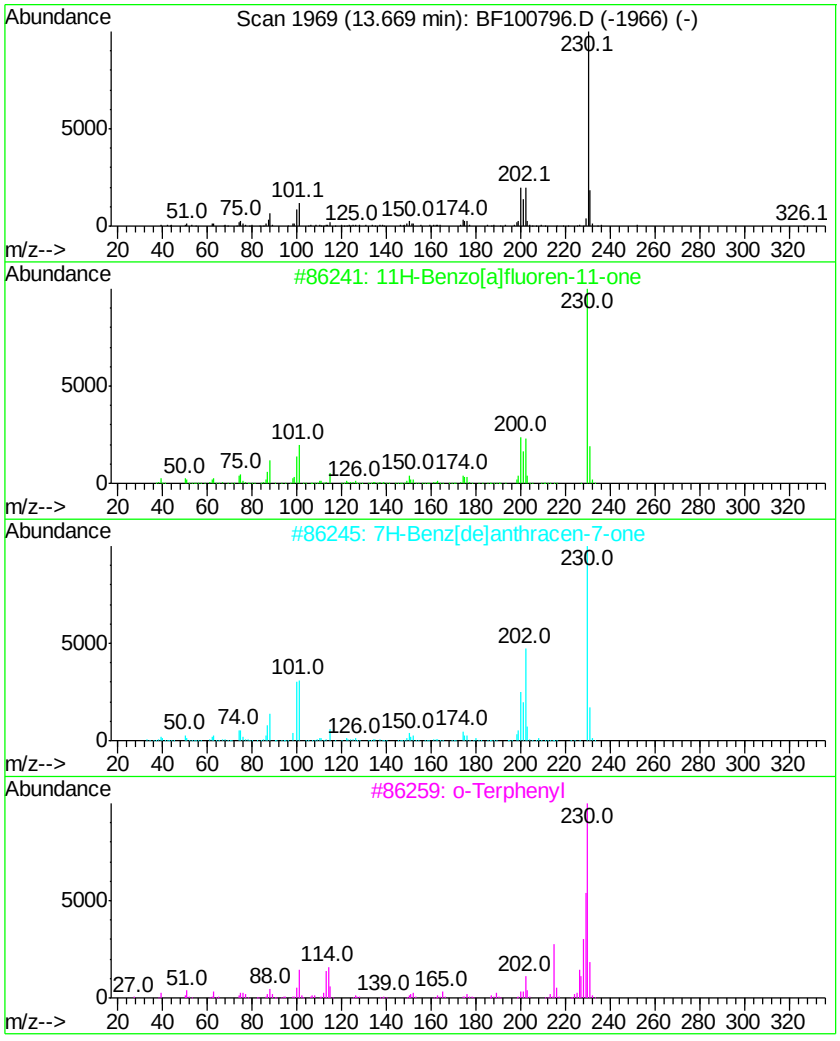
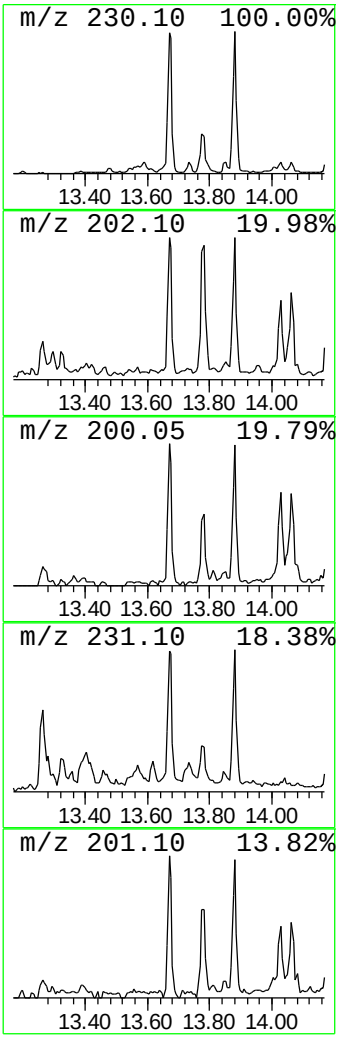
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	2.94 ng	213543	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	o-Terphenyl	230	C18H14	000084-15-1	58
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	5,6-Dihydrochrysene	230	C18H14	002091-92-1	53





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Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

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

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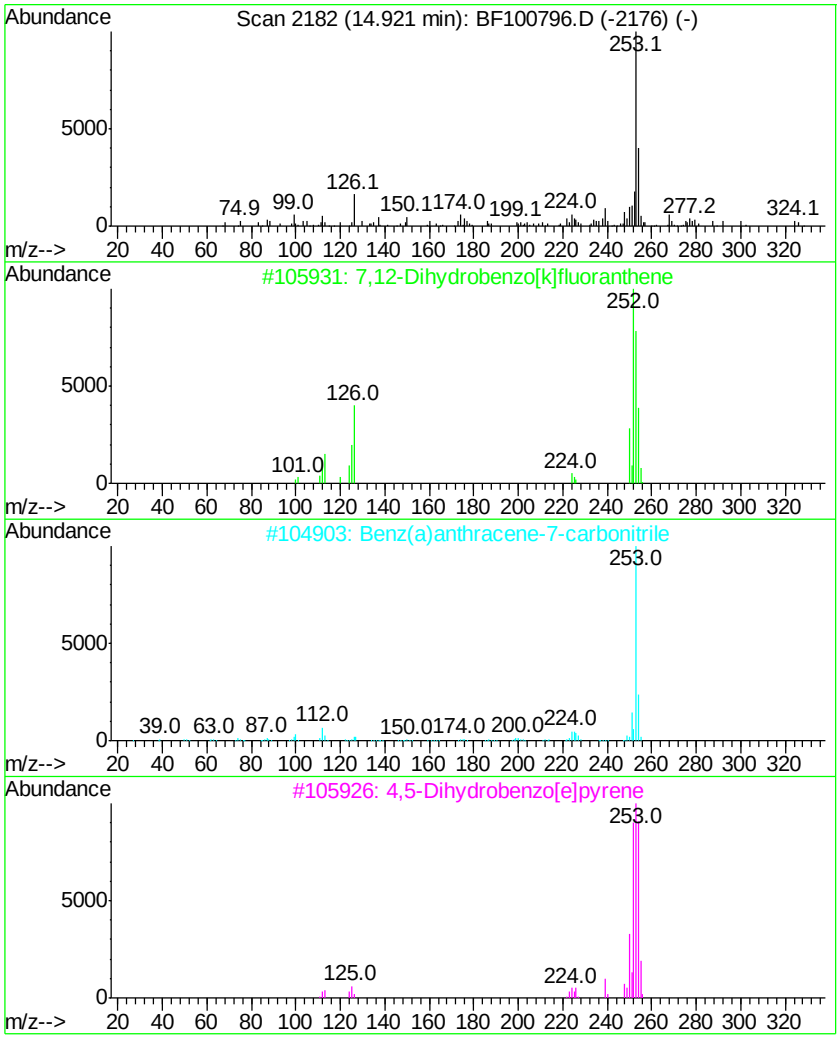
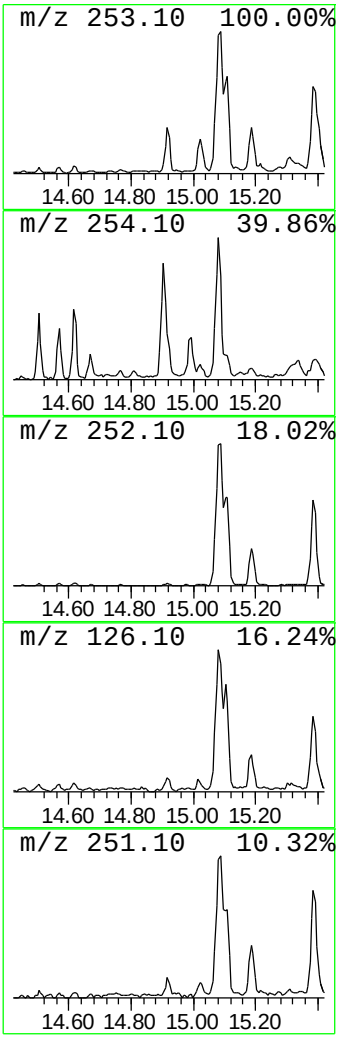
Peak Number 16 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	5.04 ng	132991	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	58
3	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	43
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	42
5	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	42





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Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

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

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

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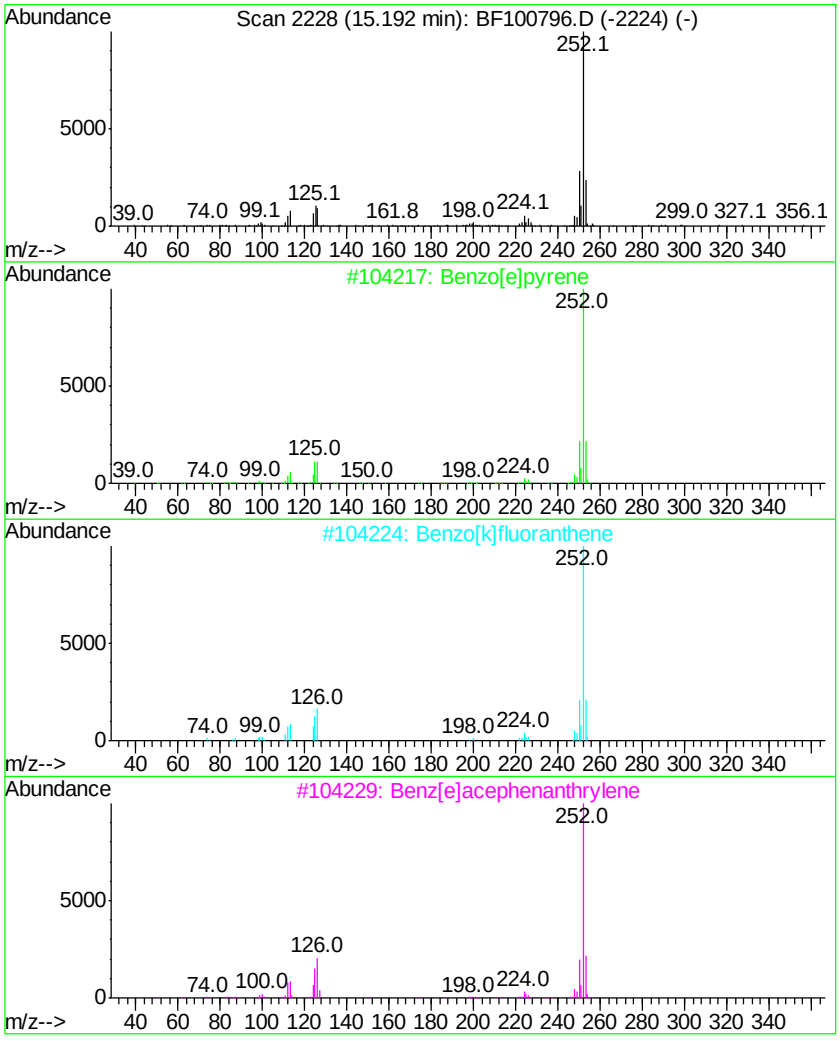
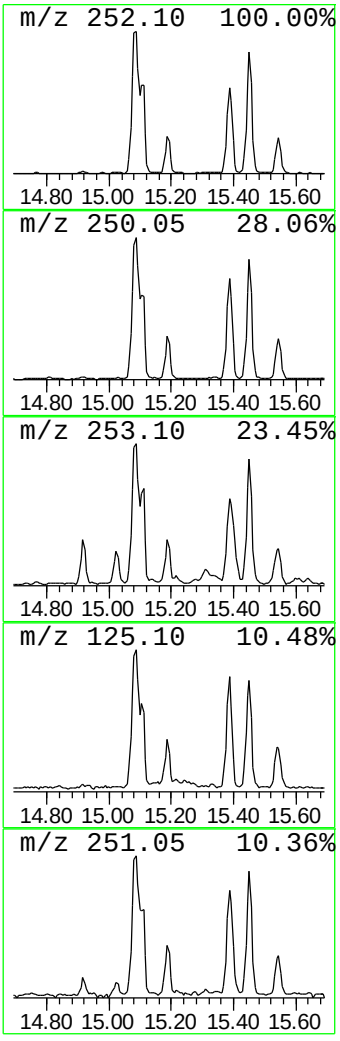
Peak Number 17 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	5.74 ng	151404	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	89





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

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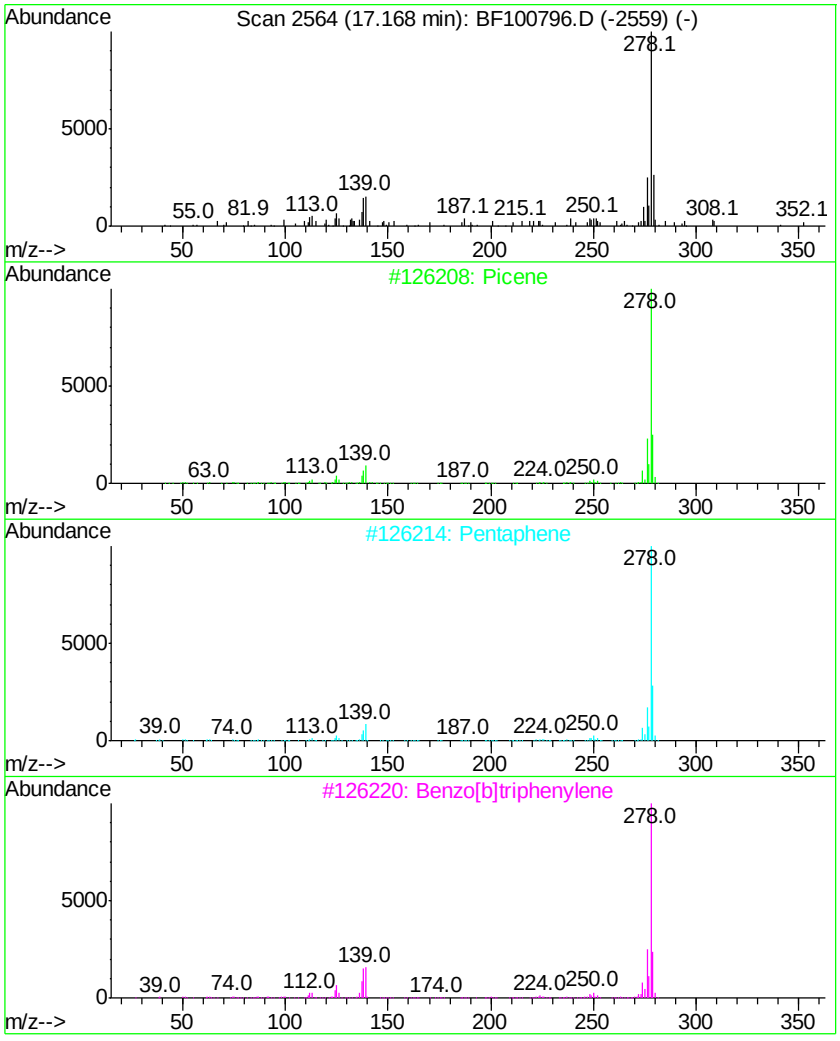
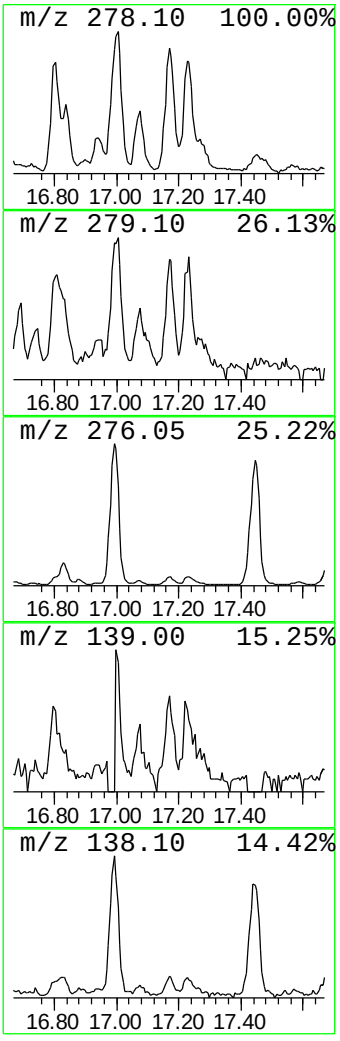
Peak Number 19 Picene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	3.46 ng	91338	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	95
2	Pentaphene	278	C22H14	000222-93-5	93
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
4	Benzo[b]chrysene	278	C22H14	000214-17-5	89
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86





Tentatively Identified Compound (LSC) summary

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Data File : BF100796.D
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Operator : SJ/JU
Sample : I6499-08
Misc :
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Instrument : BNA_F
ClientSampleId : PG1-3-E(4-5)

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	5.8	ng	145792	1	6.87	500755	20.0
unknown6.65	6.65	80.8	ng	2021880	1	6.87	500755	20.0
Heneicosane	10.80	4.0	ng	117897	4	11.40	595051	20.0
Dodecane, 2-methy...	11.25	3.0	ng	88357	4	11.40	595051	20.0
5H-Indeno[1,2-b]p...	11.62	3.2	ng	96173	4	11.40	595051	20.0
Tridecane	11.67	2.9	ng	86767	4	11.40	595051	20.0
Phenanthrene, 1-m...	11.90	3.9	ng	114565	4	11.40	595051	20.0
Anthracene, 1-met...	11.92	8.8	ng	261316	4	11.40	595051	20.0
4H-Cyclopenta[def...	12.01	5.8	ng	173467	4	11.40	595051	20.0
Phenanthrene, 2,5...	12.45	4.4	ng	130831	4	11.40	595051	20.0
unknown12.47	12.47	4.1	ng	123169	4	11.40	595051	20.0
Cyclopenta(def)ph...	12.53	4.0	ng	119059	4	11.40	595051	20.0
11H-Benzo[a]fluor...	13.67	2.9	ng	213543	5	14.04	1450270	20.0
7,12-Dihydrobenzo...	14.92	5.0	ng	132991	6	15.52	527524	20.0
Benzo[e]pyrene	15.19	5.7	ng	151404	6	15.52	527524	20.0
Picene	17.17	3.5	ng	91338	6	15.52	527524	20.0