LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101126.D
Acq On : 5 Dec 2017 16:05
Operator : SJ/JU
Sample : I6718-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2041

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-BF113017.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	5.081	505	509	522	rBB	63576	87086	5.87%	0.493%
2	5.469	570	575	578	rBV	1269223	1293175	87.11%	7.318%
3	6.487	742	748	759	rBV	1274543	1340657	90.31%	7.587%
4	6.622	766	771	774	rBV	1502788	1376051	92.69%	7.787%
5	6.845	806	809	813	rBV	432824	339104	22.84%	1.919%
6	7.004	832	836	839	rBV	1263954	1059318	71.36%	5.995%
7	7.416	901	906	909	rBV	886202	821180	55.31%	4.647%
8	8.128	1024	1027	1030	rBV	527261	423271	28.51%	2.395%
9	9.204	1205	1210	1213	rBV	1733603	1484562	100.00%	8.401%
10	9.539	1262	1267	1270	rBV3	16952	21770	1.47%	0.123%
11	9.598	1273	1277	1284	rVB	174773	165468	11.15%	0.936%
12	9.745	1298	1302	1305	rBV	38445	31481	2.12%	0.178%
13	9.804	1307	1312	1317	rVV2	46710	41052	2.77%	0.232%
14	9.886	1322	1326	1329	rVV	515955	457248	30.80%	2.588%
15	9.916	1329	1331	1334	rVB	27057	21681	1.46%	0.123%
16	10.086	1357	1360	1363	rVB3	17374	20801	1.40%	0.118%
17	10.122	1363	1366	1370	rBV2	19026	17443	1.17%	0.099%
18	10.198	1376	1379	1382	rBV2	16032	17226	1.16%	0.097%
19	10.304	1395	1397	1400	rVB	56410	41907	2.82%	0.237%
20	10.433	1415	1419	1423	rVB2	32936	35425	2.39%	0.200%
21	10.675	1456	1460	1464	rBV	891520	881160	59.35%	4.987%
22	10.775	1474	1477	1486	rBV3	43969	61805	4.16%	0.350%
23	10.980	1506	1512	1514	rBV4	23832	34082	2.30%	0.193%
24	11.228	1550	1554	1556	rBV2	30320	30125	2.03%	0.170%
25	11.269	1556	1561	1564	rVB2	26309	33570	2.26%	0.190%
26	11.375	1575	1579	1581	rBV	538882	453636	30.56%	2.567%
27	11.398	1581	1583	1586	rVV	387093	290818	19.59%	1.646%
28	11.445	1588	1591	1594	rVB	64727	57486	3.87%	0.325%
29	11.604	1614	1618	1624	rBV2	25650	32659	2.20%	0.185%
30	11.704	1632	1635	1639	rVB	28263	27347	1.84%	0.155%
31	11.875	1660	1664	1666	rBV	102135	105173	7.08%	0.595%
32	11.904	1666	1669	1672	rVV	137831	130861	8.81%	0.741%
33	11.951	1672	1677	1679	rVV	34932	32236	2.17%	0.182%
34	11.986	1679	1683	1685	rVV2	134569	145692	9.81%	0.824%

LSC Area Percent Report

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Data File : BF101126.D
Acq On : 5 Dec 2017 16:05
Operator : SJ/JU
Sample : I6718-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2041

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-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.010	1685	1687	1690	rVB	81970	65632	4.42%	0.371%
36	12.169	1711	1714	1716	rBV2	50214	40292	2.71%	0.228%
37	12.198	1716	1719	1724	rVB2	40629	44409	2.99%	0.251%
38	12.351	1742	1745	1747	rVB	32840	26110	1.76%	0.148%
39	12.375	1747	1749	1751	rVB2	25165	19045	1.28%	0.108%
40	12.422	1753	1757	1760	rBV	90943	94880	6.39%	0.537%
41	12.457	1760	1763	1766	rVV3	45213	68137	4.59%	0.386%
42	12.480	1766	1767	1769	rVB	33031	18450	1.24%	0.104%
43	12.516	1769	1773	1777	rBV3	40550	57078	3.84%	0.323%
44	12.592	1781	1786	1789	rBV	466102	439858	29.63%	2.489%
45	12.627	1789	1792	1794	rBV2	22226	20243	1.36%	0.115%
46	12.651	1794	1796	1798	rVV2	30405	23681	1.60%	0.134%
47	12.680	1798	1801	1804	rVB2	19689	17498	1.18%	0.099%
48	12.739	1809	1811	1813	rVB	21239	17033	1.15%	0.096%
49	12.822	1818	1825	1830	rVV	476943	519469	34.99%	2.940%
50	12.869	1830	1833	1837	rVB2	42285	44687	3.01%	0.253%
51	12.957	1844	1848	1851	rBV	1175324	1114974	75.10%	6.310%
52	13.033	1857	1861	1866	rBV4	52891	87309	5.88%	0.494%
53	13.122	1873	1876	1877	rBV2	47094	43280	2.92%	0.245%
54	13.145	1877	1880	1883	rVB	91460	95048	6.40%	0.538%
55	13.210	1889	1891	1894	rBV	53219	45133	3.04%	0.255%
56	13.251	1894	1898	1901	rBV2	80266	76894	5.18%	0.435%
57	13.345	1910	1914	1916	rBV	56774	53626	3.61%	0.303%
58	13.374	1916	1919	1922	rVV	58819	51135	3.44%	0.289%
59	13.627	1959	1962	1964	rBV4	19583	23172	1.56%	0.131%
60	13.657	1964	1967	1971	rVB2	48125	52580	3.54%	0.298%
61	13.769	1980	1986	1988	rBV2	48141	69101	4.65%	0.391%
62	13.792	1988	1990	1992	rVV	47100	36274	2.44%	0.205%
63	13.839	1995	1998	2001	rVV3	120983	133205	8.97%	0.754%
64	13.863	2001	2002	2006	rVB	40991	35930	2.42%	0.203%
65	13.986	2020	2023	2024	rBV2	18192	19926	1.34%	0.113%
66	14.016	2024	2028	2031	rVV2	449371	607750	40.94%	3.439%
67	14.045	2031	2033	2040	rVB	234283	205492	13.84%	1.163%
68	14.121	2045	2046	2049	rVV	27954	22380	1.51%	0.127%
69	14.169	2051	2054	2059	rVV5	27147	39480	2.66%	0.223%
70	14.245	2063	2067	2070	rBV3	19015	24718	1.67%	0.140%
71	14.369	2085	2088	2090	rBV2	23837	22811	1.54%	0.129%

LSC Area Percent Report

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Operator : SJ/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : 2041

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-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.404	2090	2094	2096	rVV	79879	85929	5.79%	0.486%
73	14.439	2097	2100	2103	rVV	44048	51333	3.46%	0.290%
74	14.474	2103	2106	2108	rVV2	43093	51822	3.49%	0.293%
75	14.527	2112	2115	2117	rVV	49351	51002	3.44%	0.289%
76	14.551	2117	2119	2122	rVV	34201	31978	2.15%	0.181%
77	14.598	2124	2127	2130	rVB3	19988	22497	1.52%	0.127%
78	14.739	2145	2151	2152	rBV6	17715	29294	1.97%	0.166%
79	14.816	2158	2164	2165	rBV5	15453	32475	2.19%	0.184%
80	14.904	2176	2179	2186	rVB7	27127	41014	2.76%	0.232%
81	14.963	2186	2189	2194	rVB7	17632	27456	1.85%	0.155%
82	15.063	2200	2206	2217	rBV	158849	328728	22.14%	1.860%
83	15.168	2221	2224	2228	rVB	34030	39524	2.66%	0.224%
84	15.274	2238	2242	2246	rVB7	12952	19948	1.34%	0.113%
85	15.316	2246	2249	2253	rBV6	15017	23211	1.56%	0.131%
86	15.368	2253	2258	2264	rVB	104527	141678	9.54%	0.802%
87	15.433	2264	2269	2273	rBV	152561	195071	13.14%	1.104%
88	15.498	2274	2280	2283	rVV	258309	342797	23.09%	1.940%
89	15.527	2283	2285	2293	rVB2	44858	61349	4.13%	0.347%
90	15.710	2312	2316	2321	rVB7	10948	21934	1.48%	0.124%
91	15.980	2358	2362	2366	rBV4	22622	37616	2.53%	0.213%
92	16.063	2371	2376	2379	rBV7	23041	34167	2.30%	0.193%
93	16.974	2525	2531	2538	rBV2	55269	116148	7.82%	0.657%
94	17.204	2568	2570	2577	rVB5	11716	19794	1.33%	0.112%
95	17.427	2602	2608	2613	rBV	41008	74775	5.04%	0.423%

Sum of corrected areas: 17670816

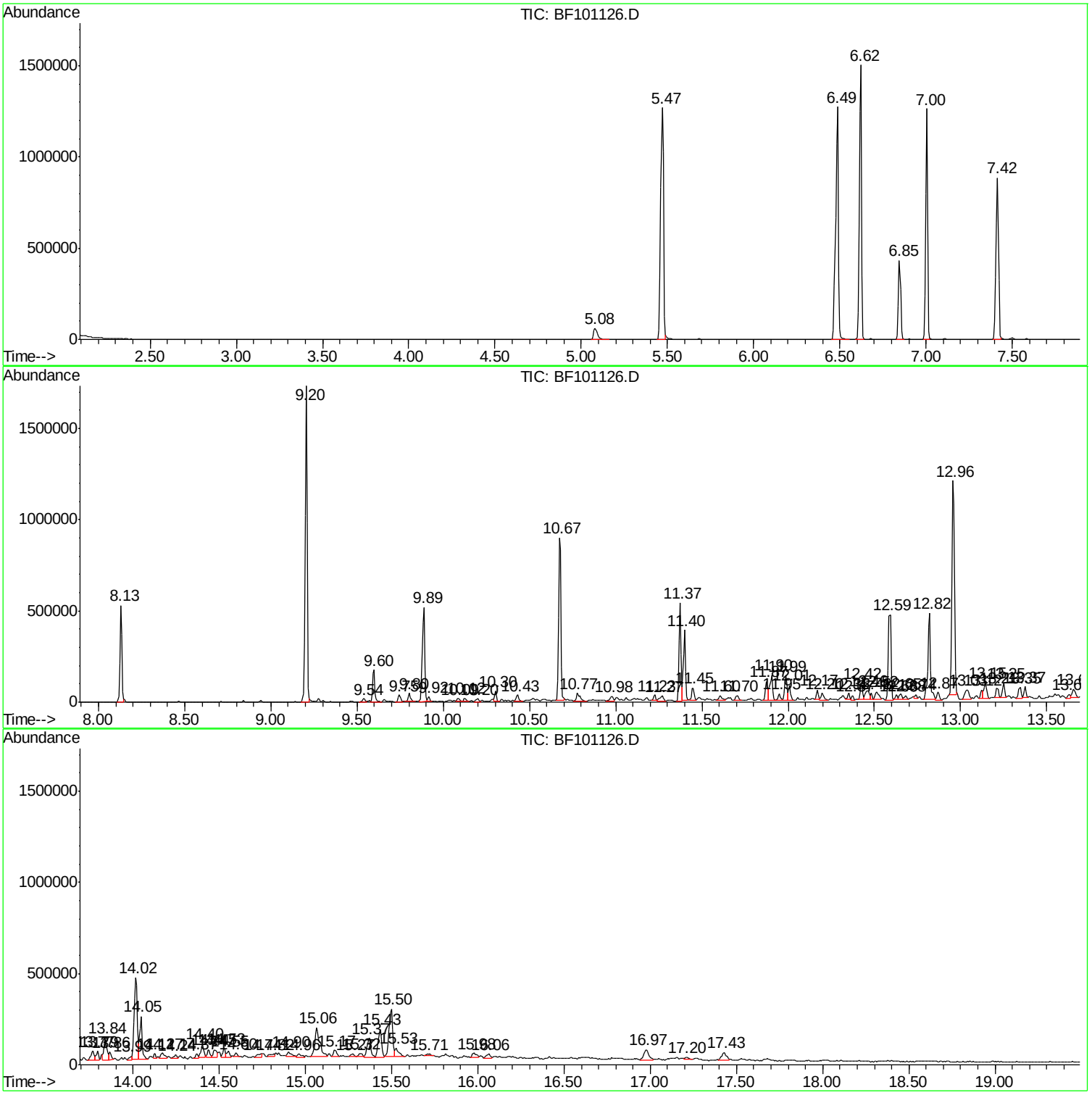
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101126.D
Acq On : 5 Dec 2017 16:05
Operator : SJ/JU
Sample : I6718-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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\BF120517\
Data File : BF101126.D
Acq On : 5 Dec 2017 16:05
Operator : SJ/JU
Sample : I6718-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

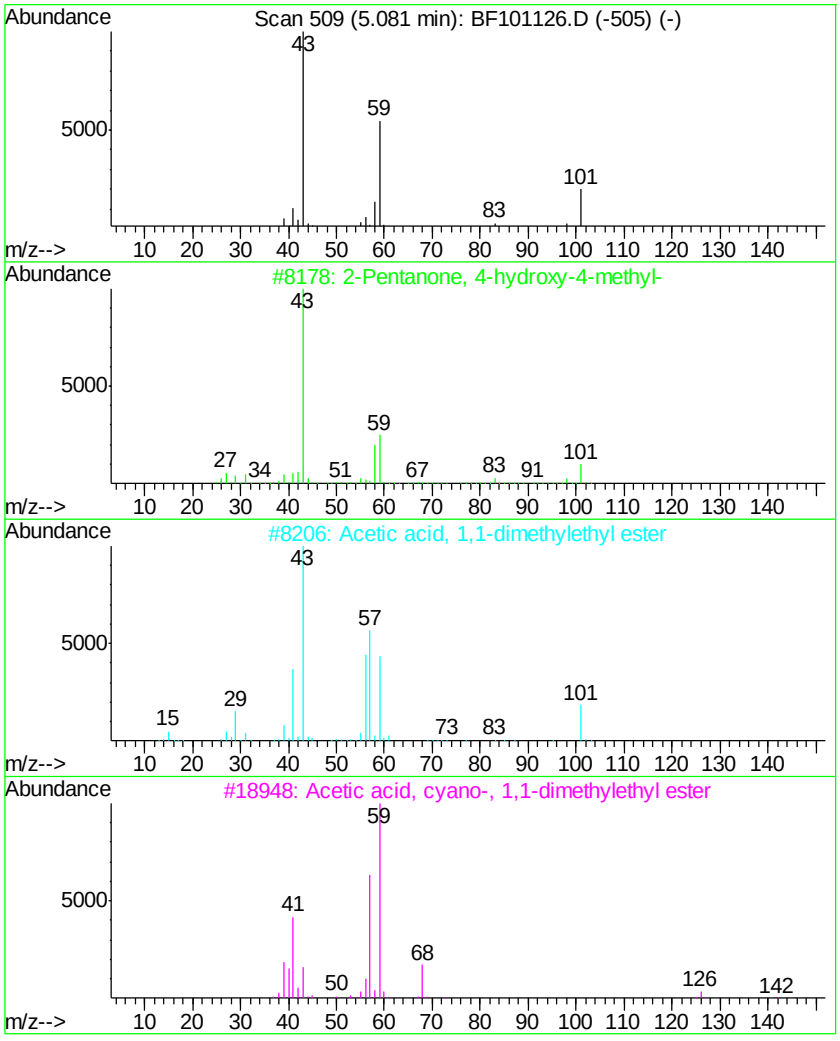
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

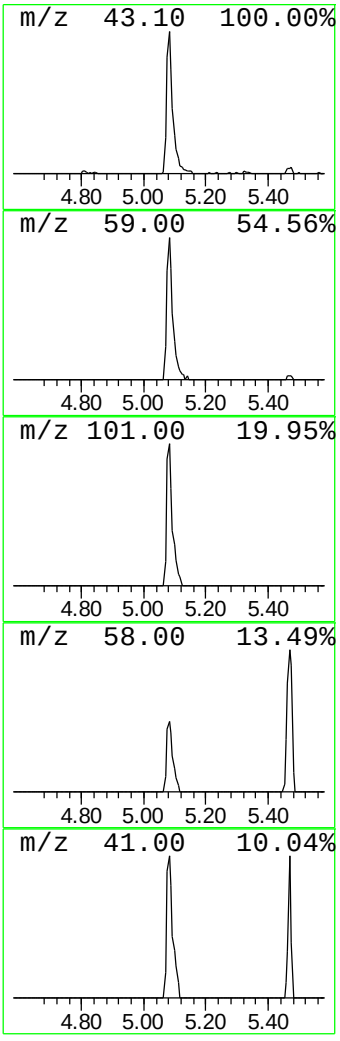
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	5.14 ng	87086	1,4-Dichlorobenzene-d4	6.85

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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101126.D
Acq On : 5 Dec 2017 16:05
Operator : SJ/JU
Sample : I6718-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

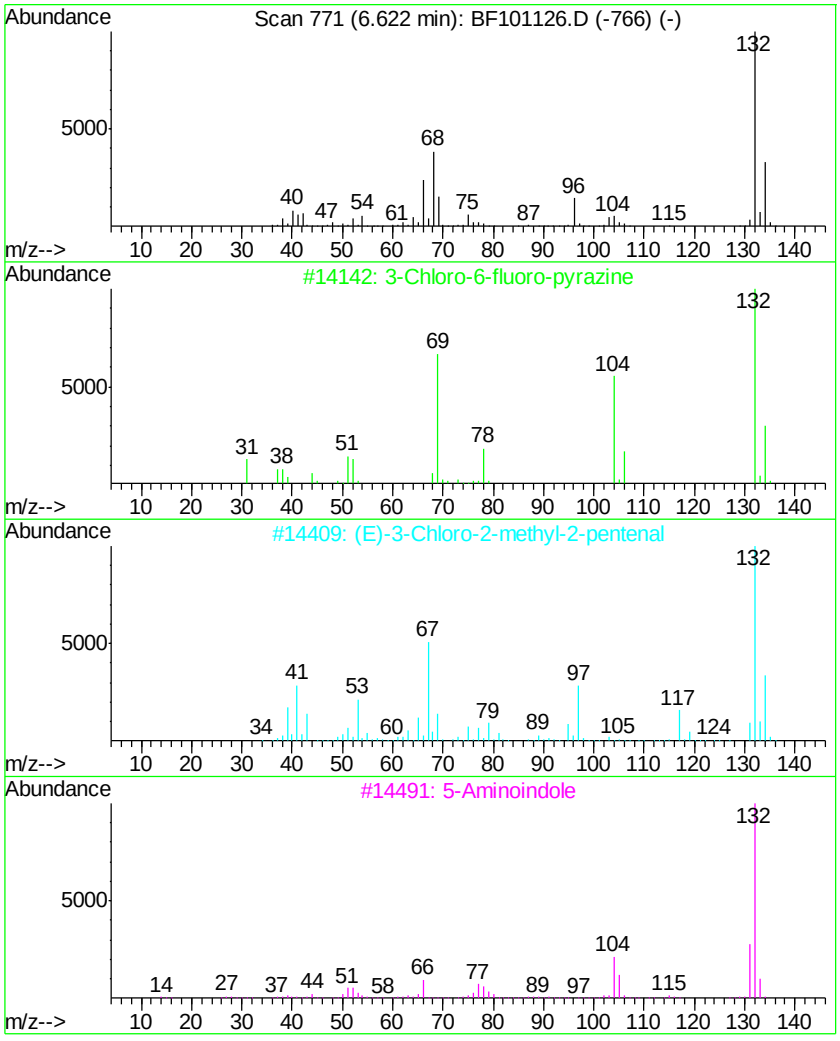
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

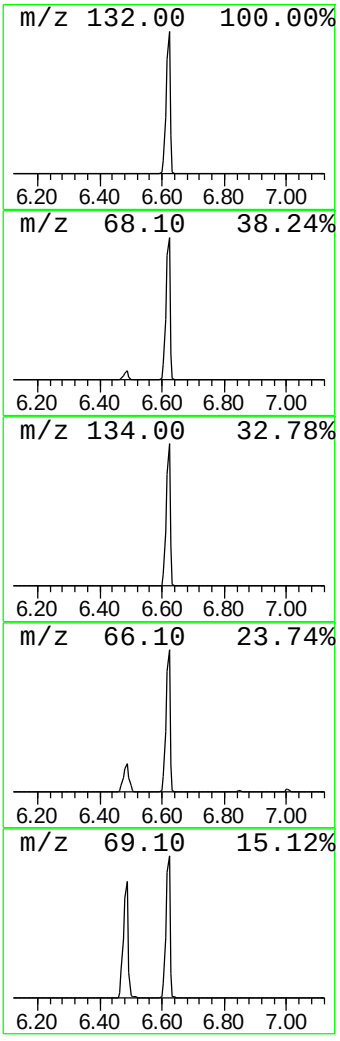
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	81.16 ng	1376050	1,4-Dichlorobenzene-d4	6.85

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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101126.D
Acq On : 5 Dec 2017 16:05
Operator : SJ/JU
Sample : I6718-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

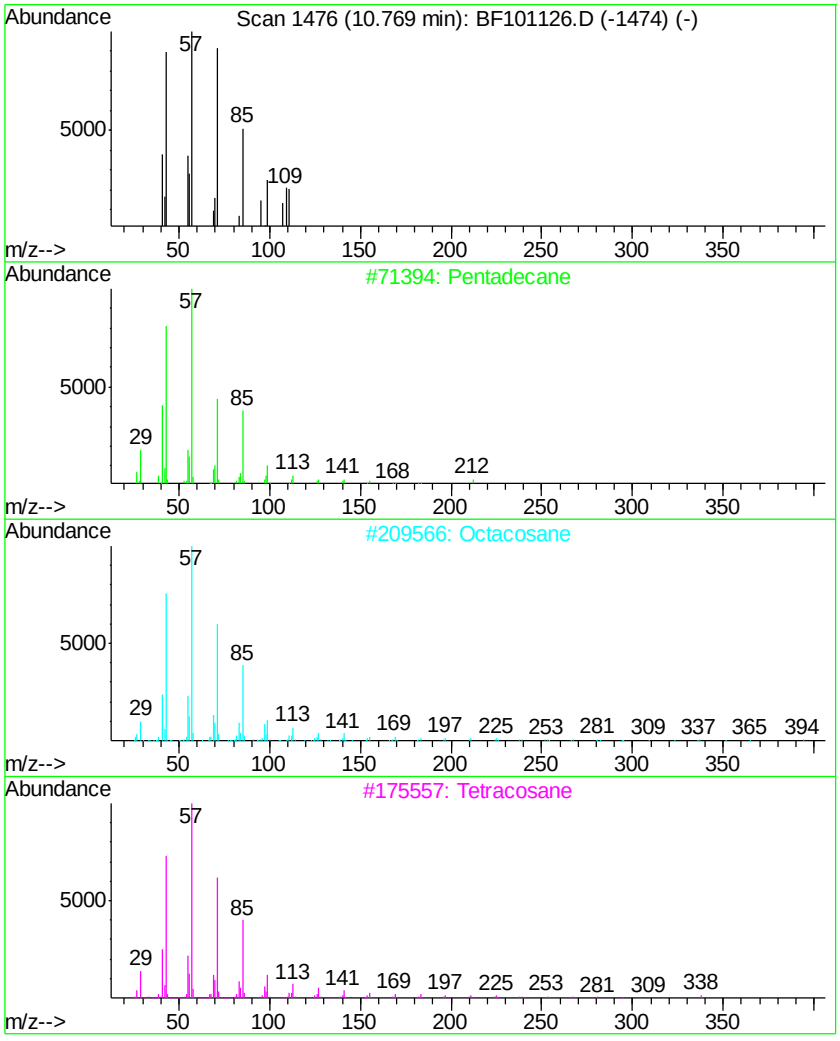
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

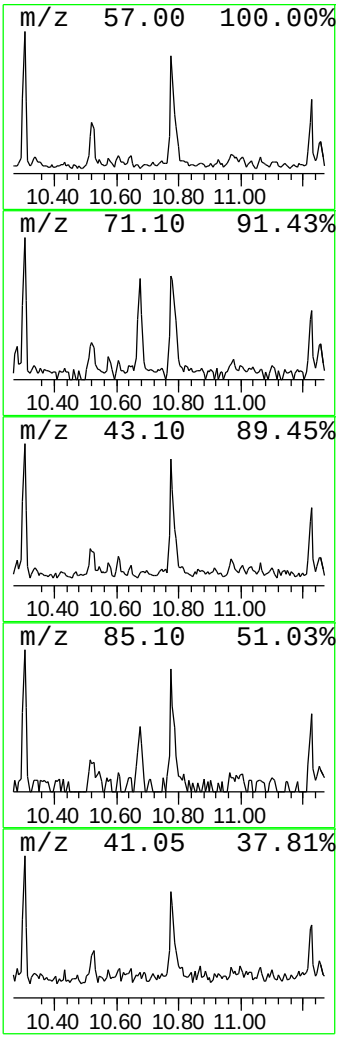
****

Peak Number 4 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.72 ng	61805	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Octacosane	394	C28H58	000630-02-4	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	78
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101126.D
Acq On : 5 Dec 2017 16:05
Operator : SJ/JU
Sample : I6718-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

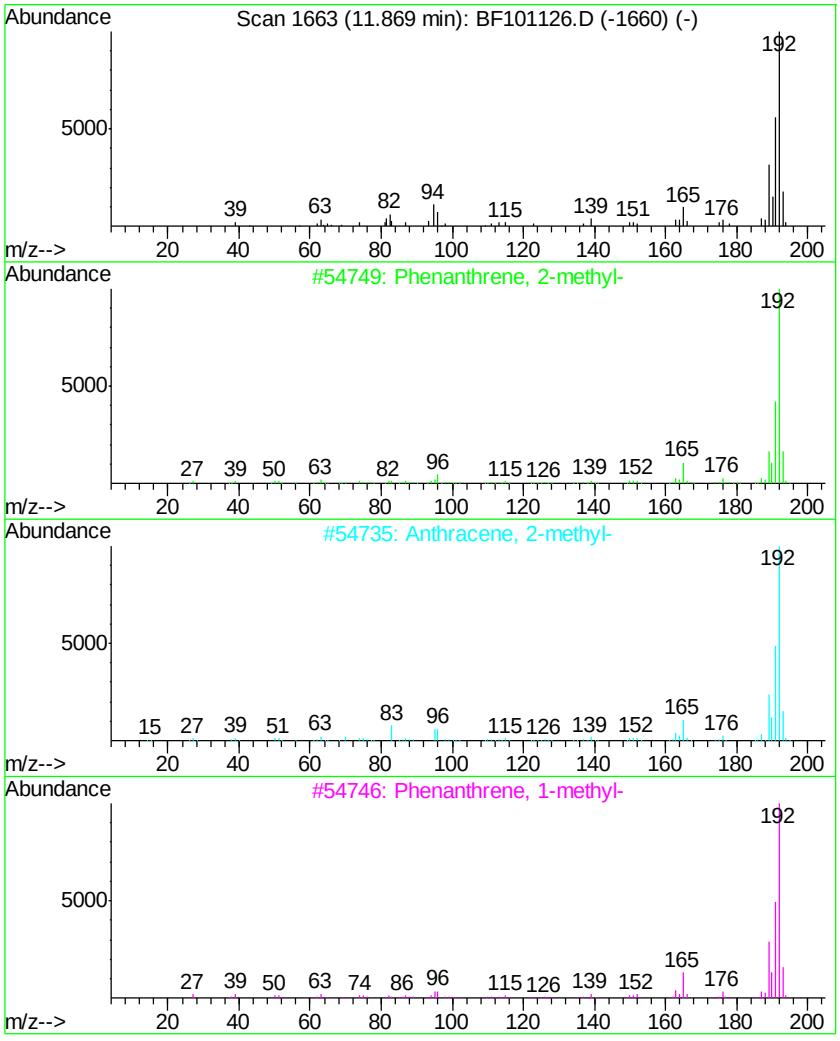
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

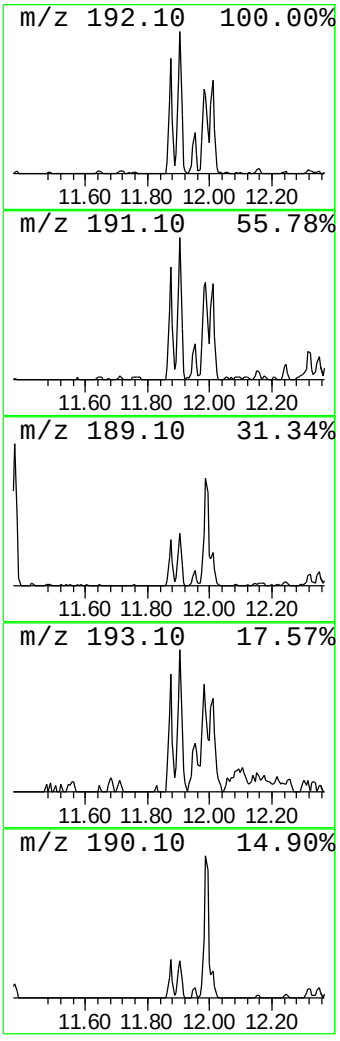
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.64 ng	105173	Phenanthrene-d10	11.37

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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101126.D
Acq On : 5 Dec 2017 16:05
Operator : SJ/JU
Sample : I6718-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

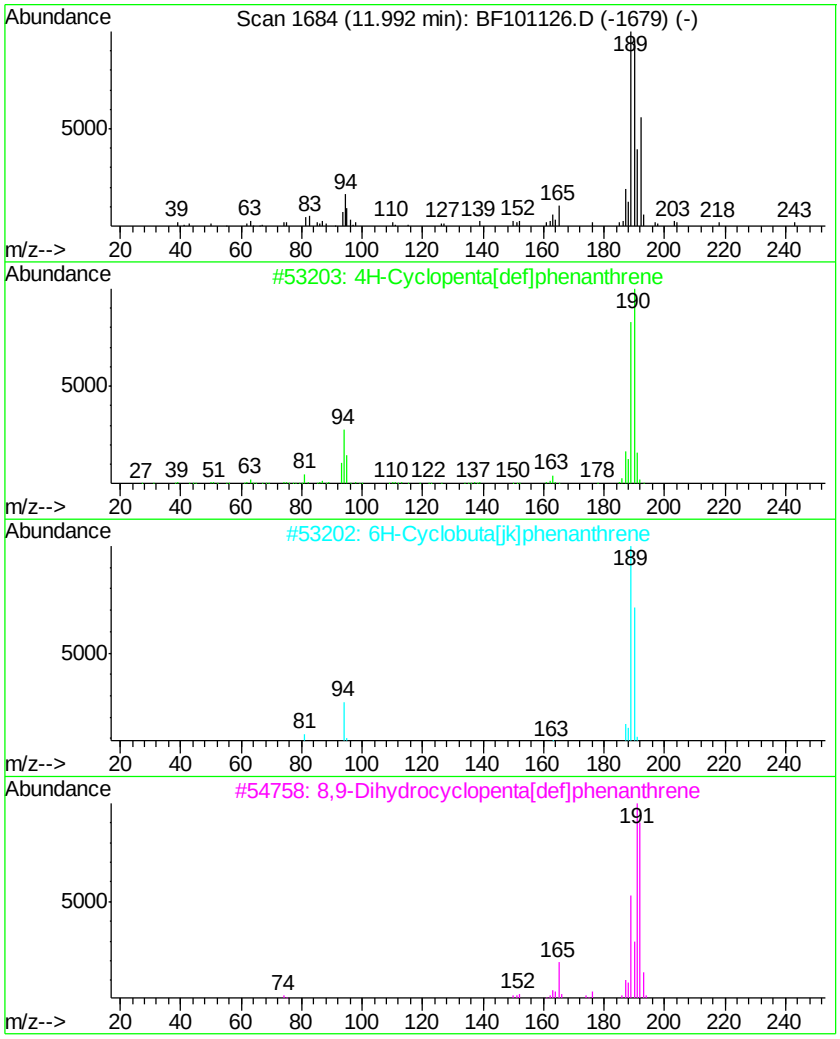
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

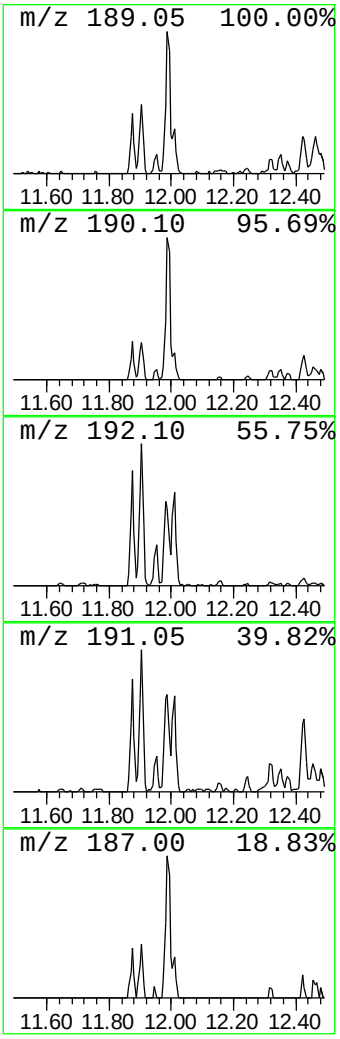
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	6.42 ng	145692	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	44
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101126.D
Acq On : 5 Dec 2017 16:05
Operator : SJ/JU
Sample : I6718-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

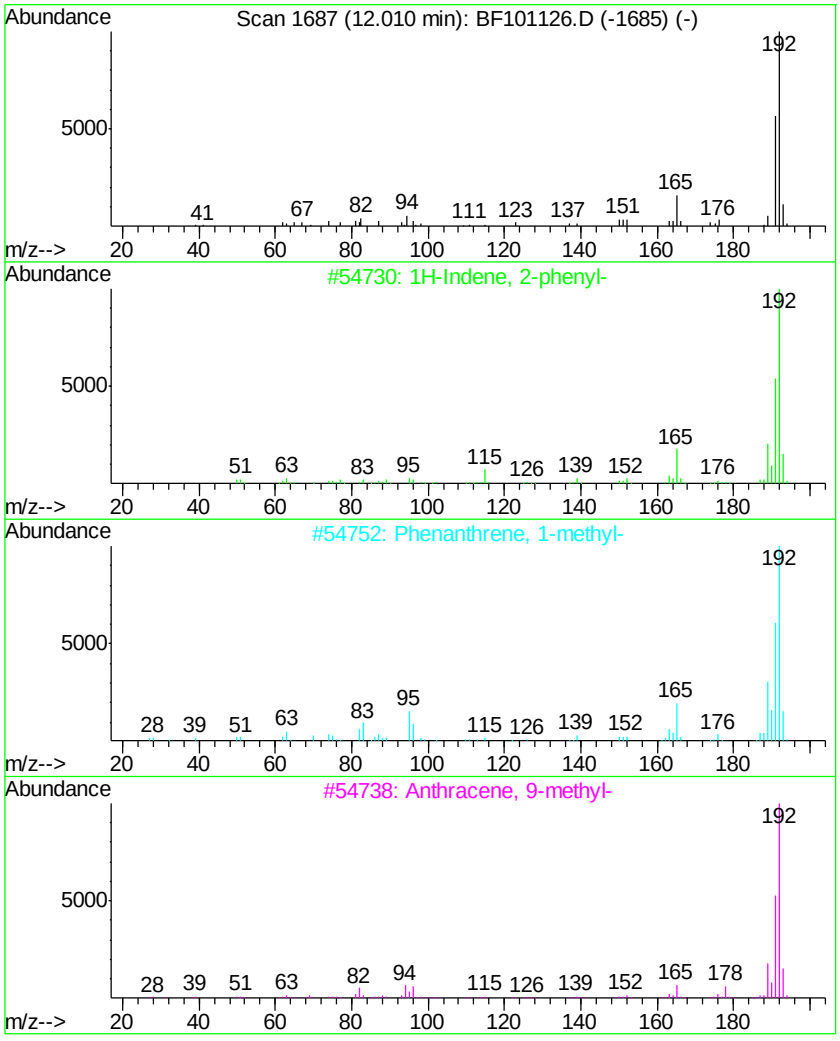
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

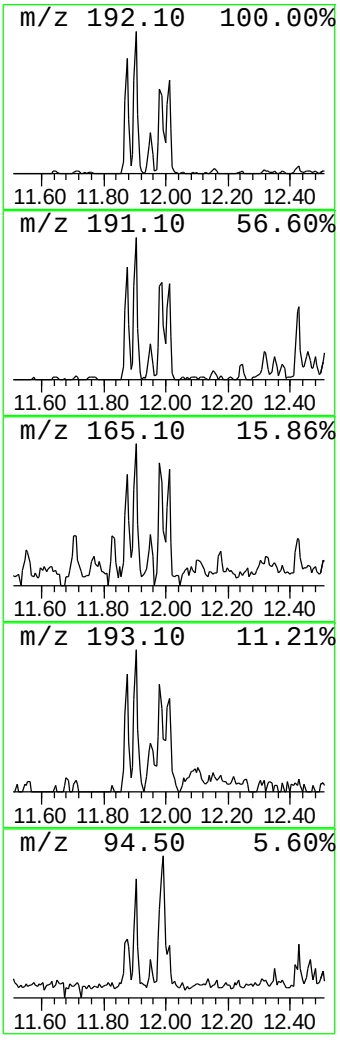
****

Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.89 ng	65632	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	80
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-9	80





Library Search Compound Report

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Operator : SJ/JU
Sample : I6718-01
Misc :
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Instrument : BNA_F
ClientSampleId : 2041

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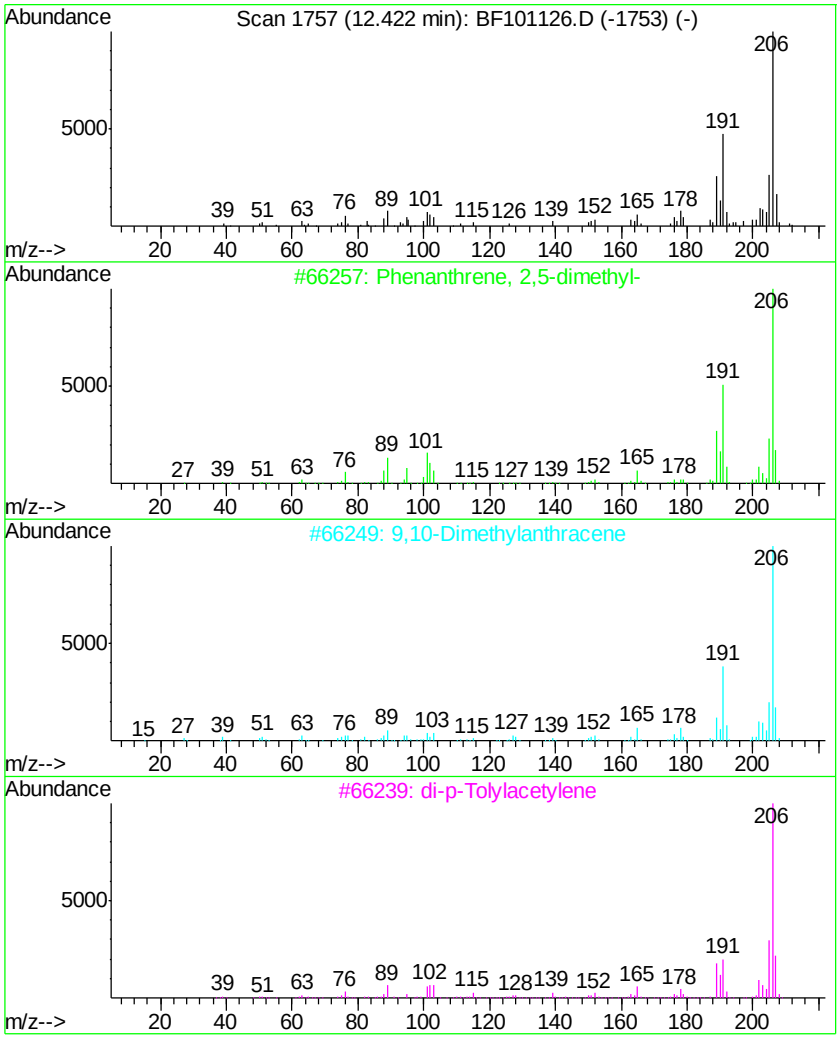
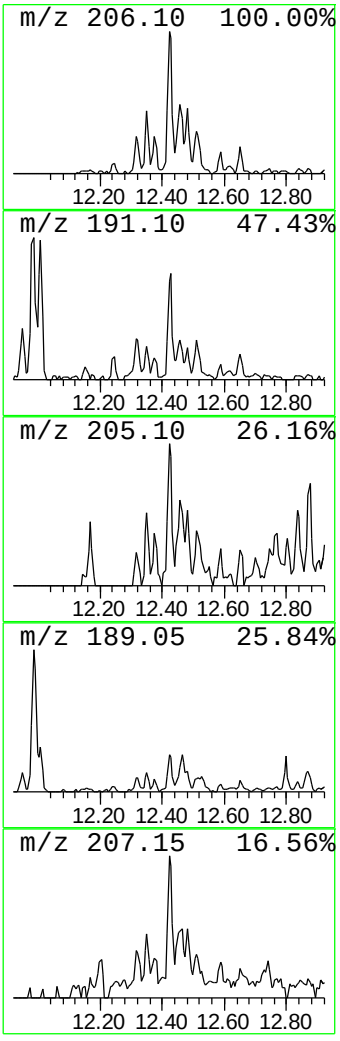
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.18 ng	94880	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	98
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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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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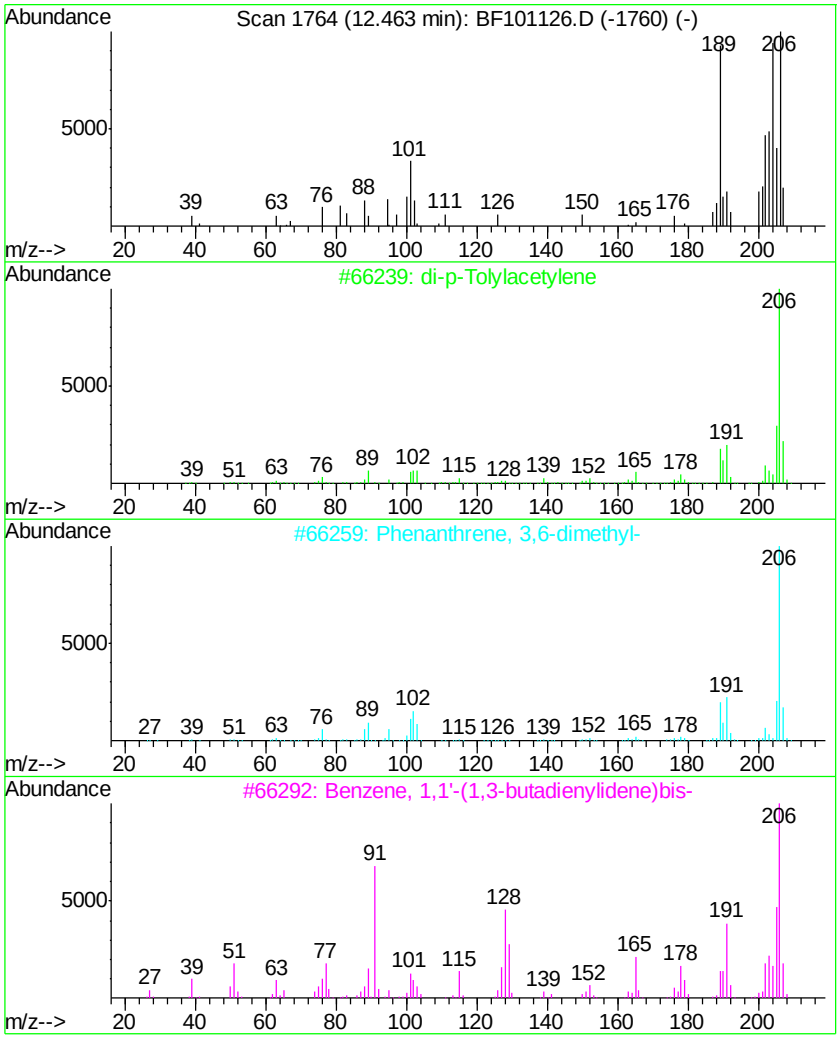
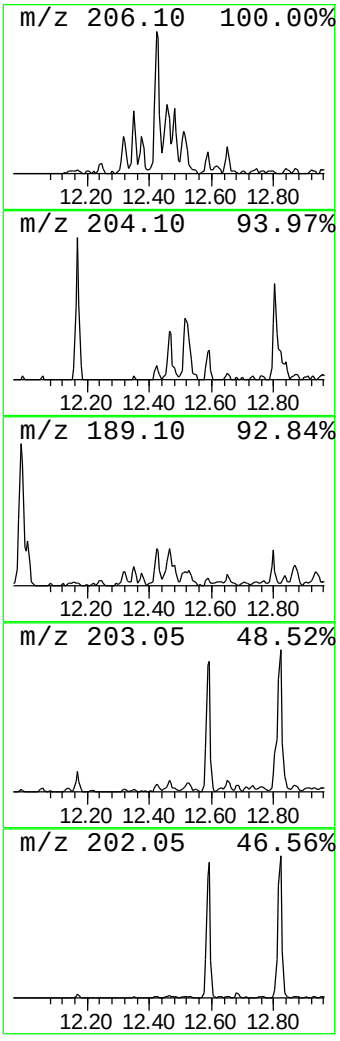
Peak Number 10 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.00 ng	68137	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
3	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	53
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	47
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	46





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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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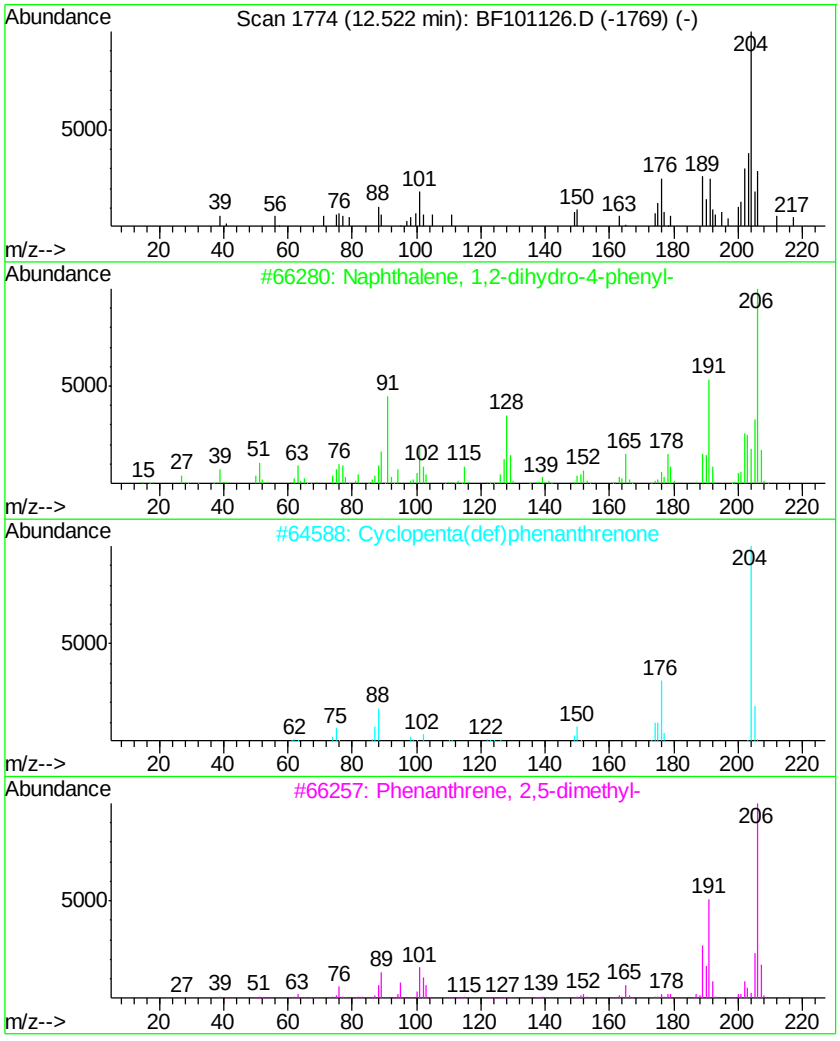
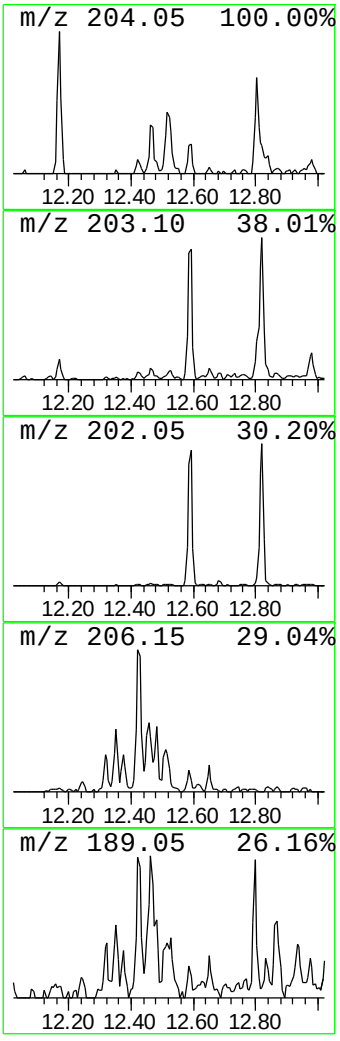
Peak Number 11 Naphthalene, 1,2-dihydro-4-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.52 ng	57078	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	55
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	50
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	42
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	42
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	41





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

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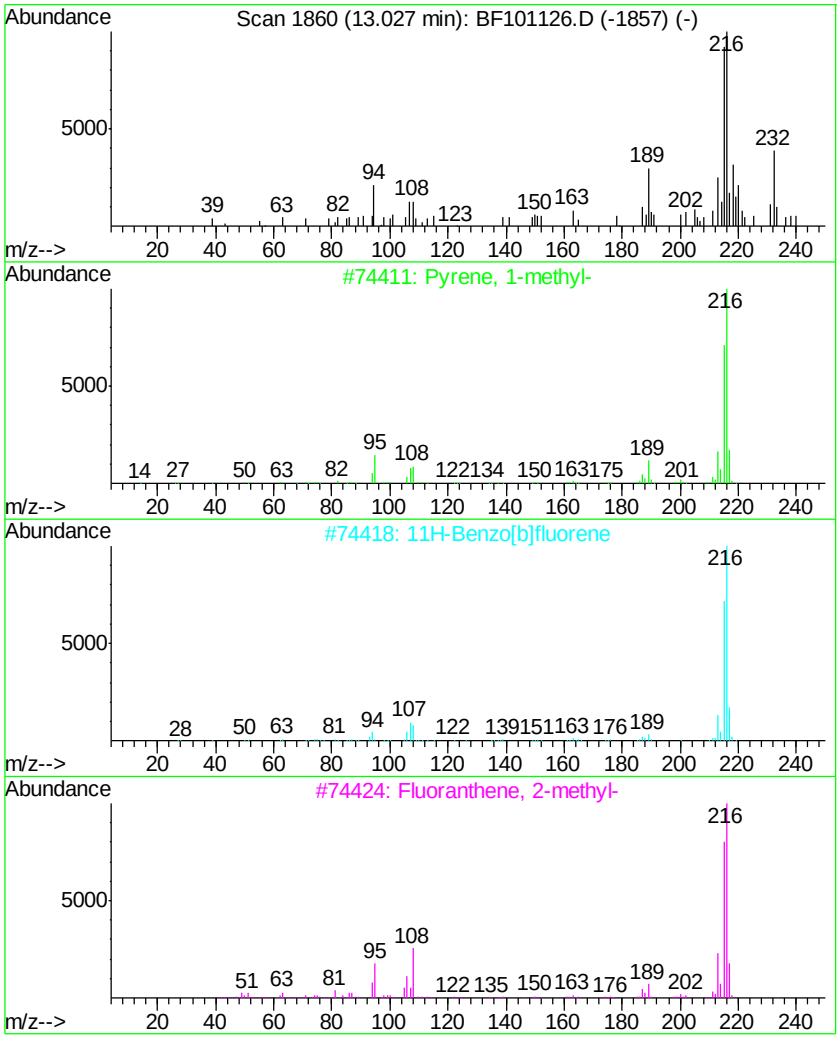
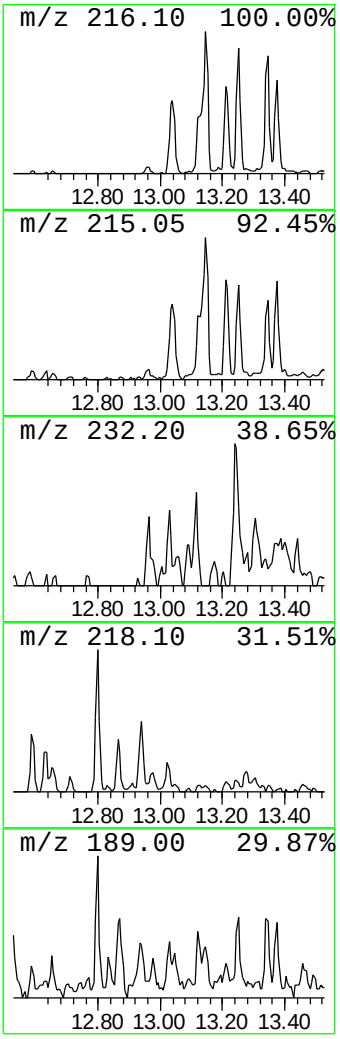
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.87 ng	87309	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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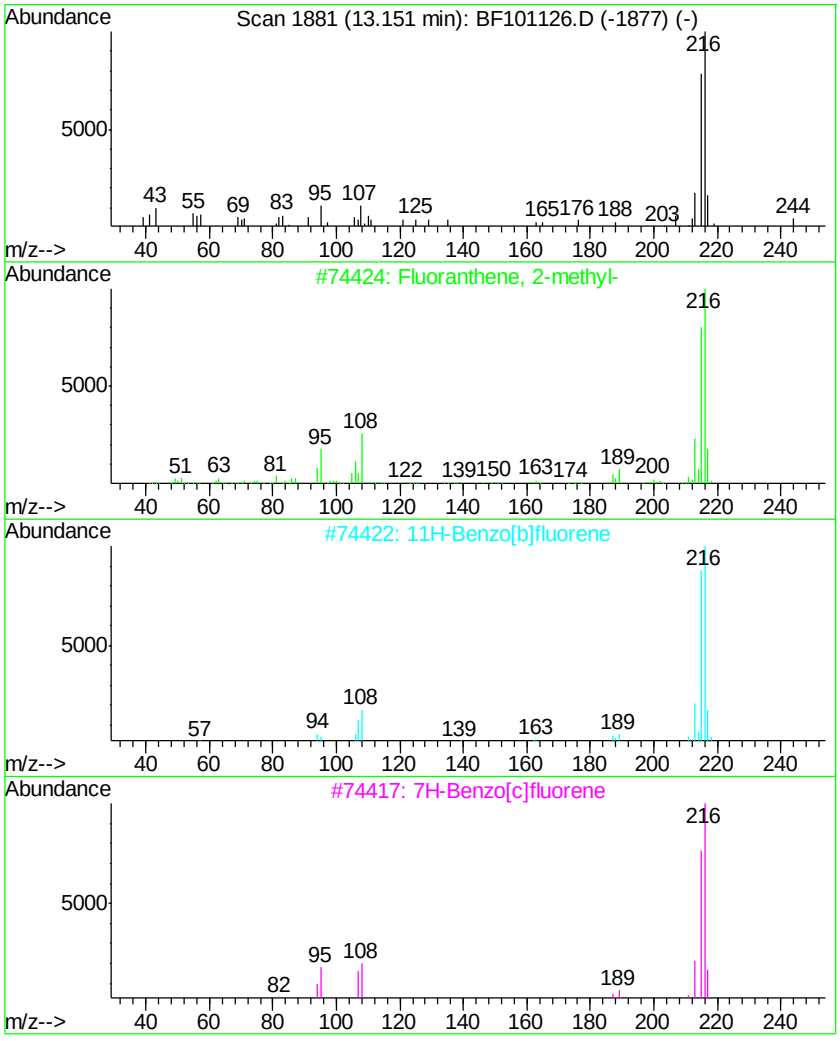
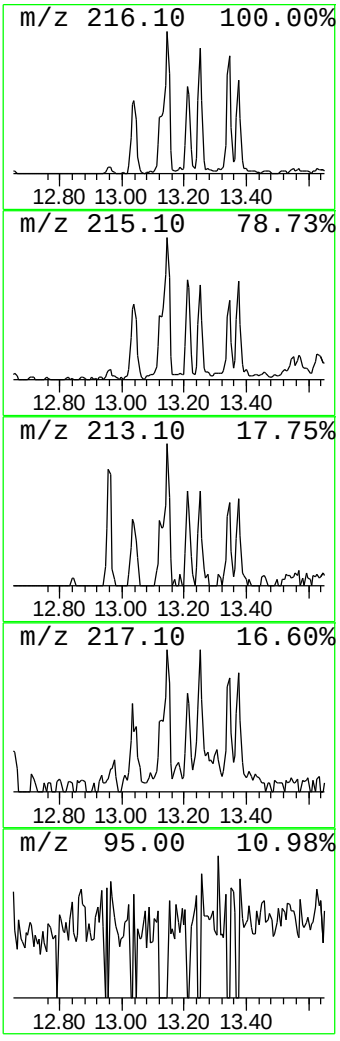
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.13 ng	95048	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Sample : I6718-01
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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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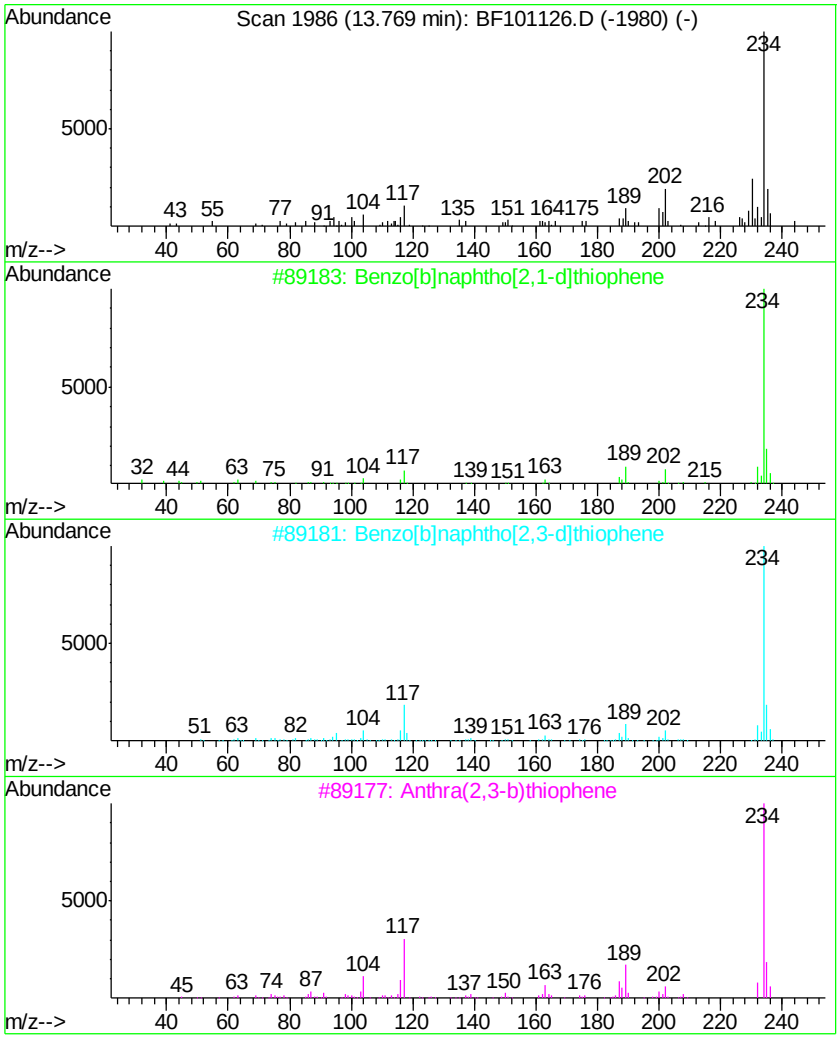
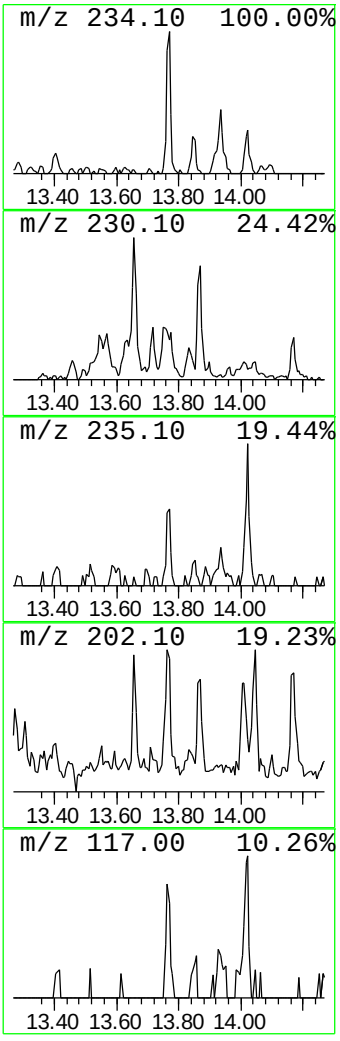
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.27 ng	69101	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	62
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	58
5	1,3,6,8-Tetramethylanthracene	234	C18H18	017526-53-3	50





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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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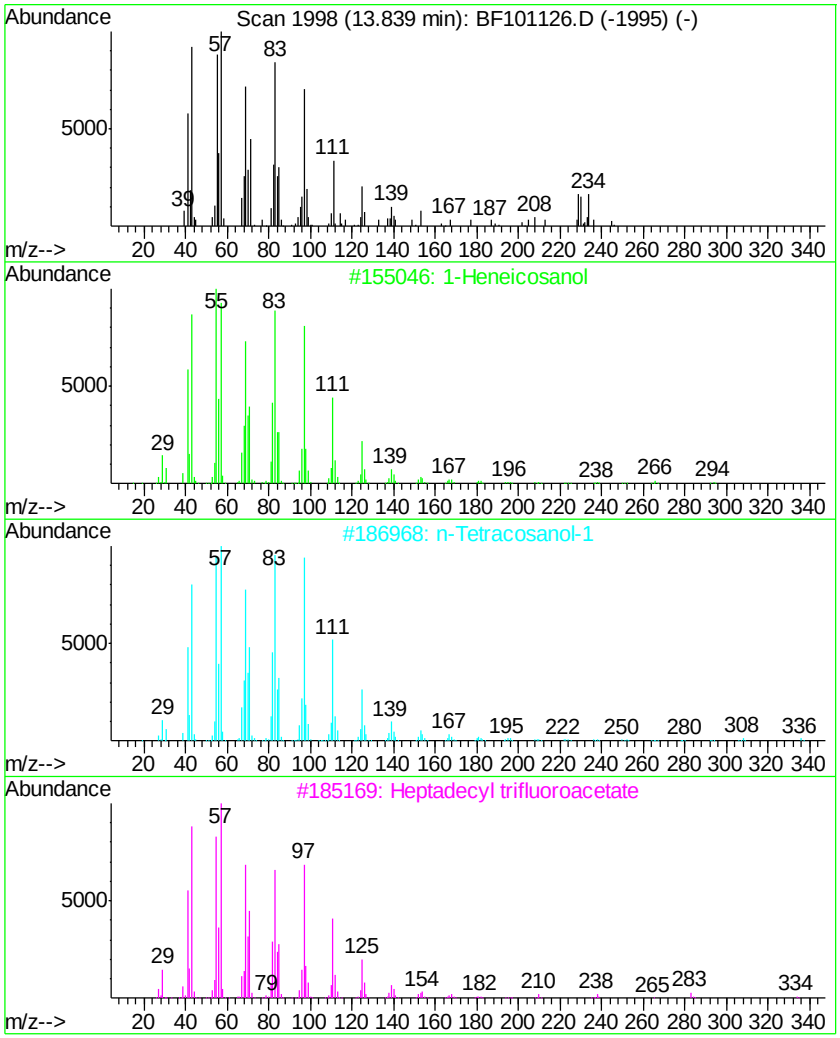
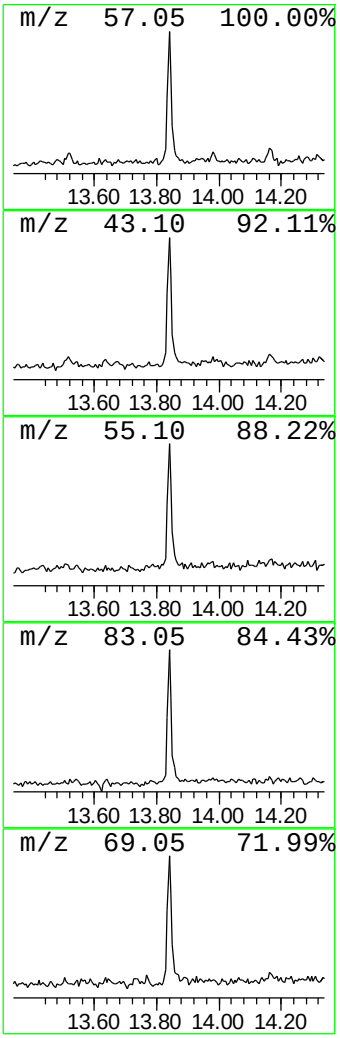
Peak Number 16 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	4.38 ng	133205	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	Octacosanol	410	C28H58O	000557-61-9	91





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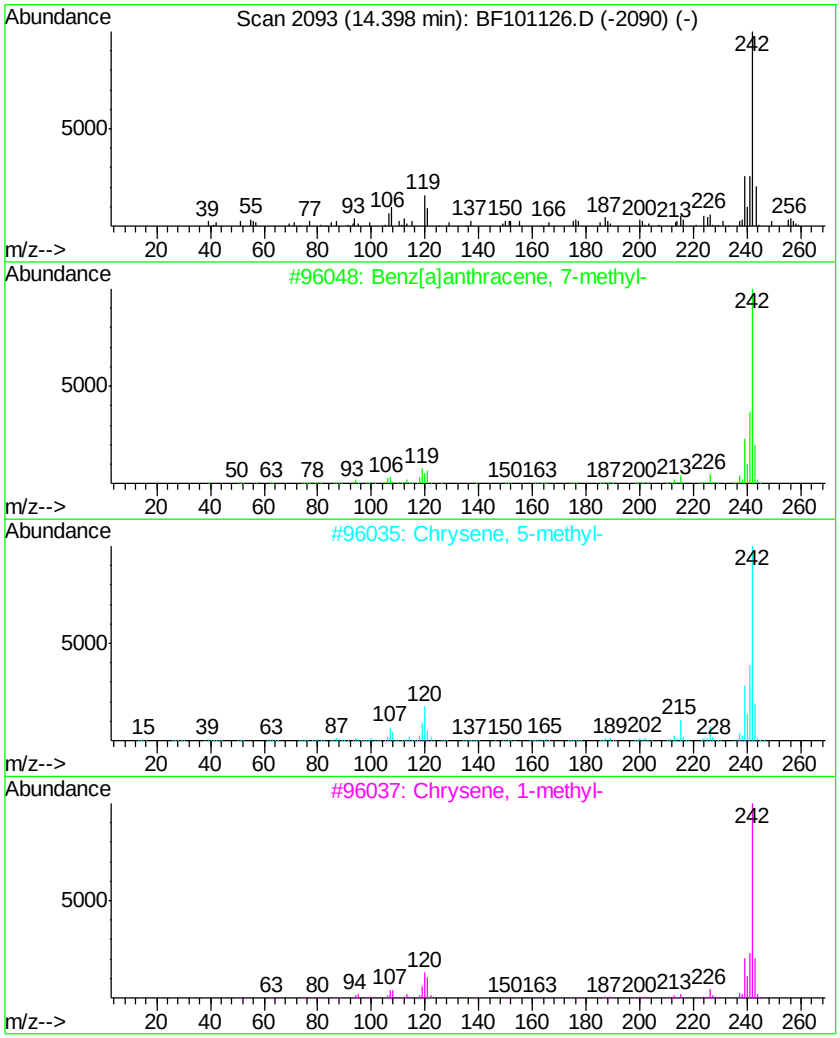
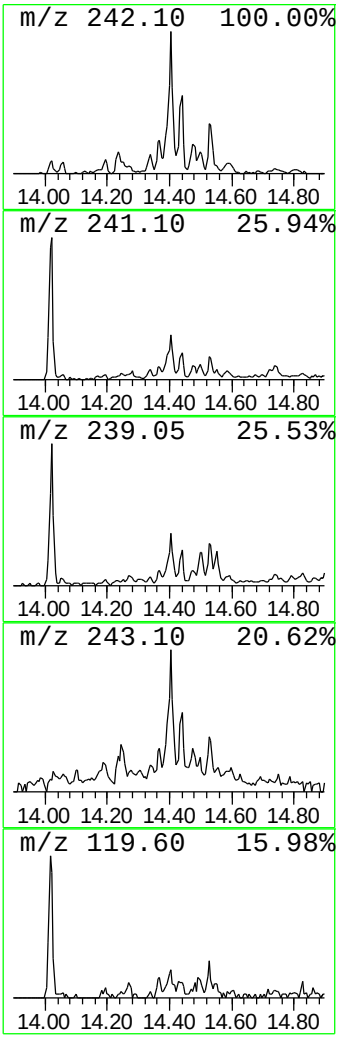
Peak Number 17 Benz[a]anthracene, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	2.83 ng	85929	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	86
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	81
4	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	81
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	81





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TIC Library : C:\DATABASE\NIST11.L
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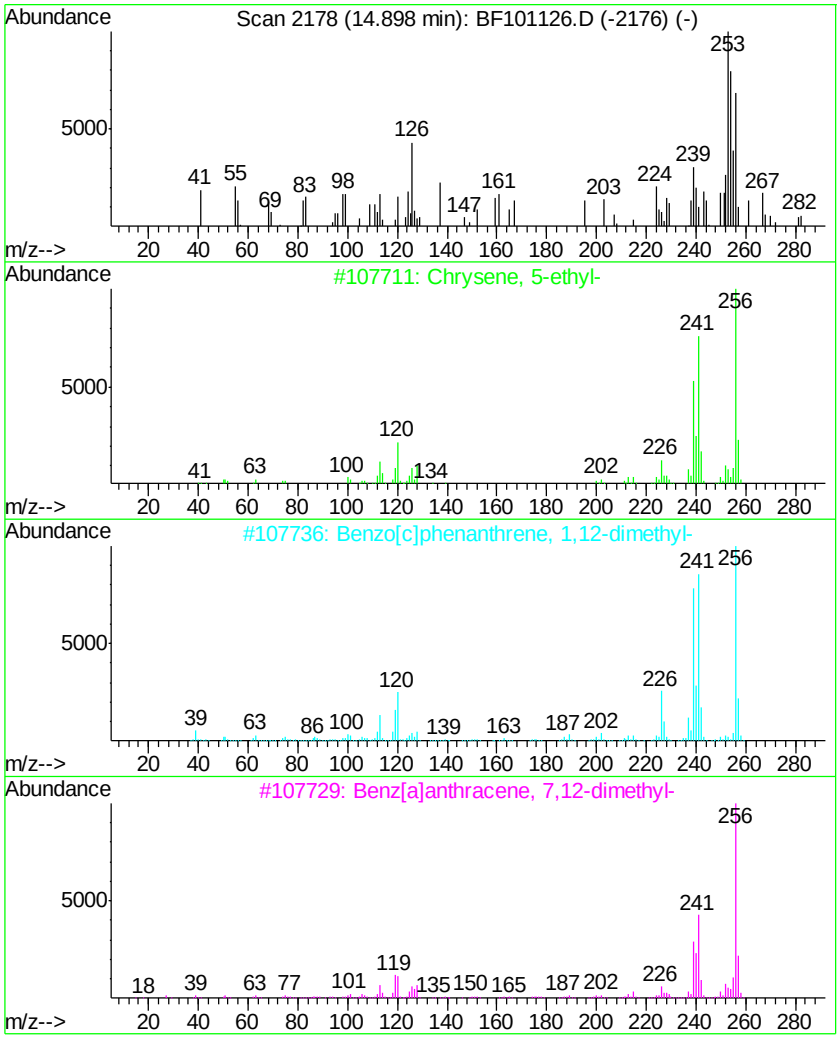
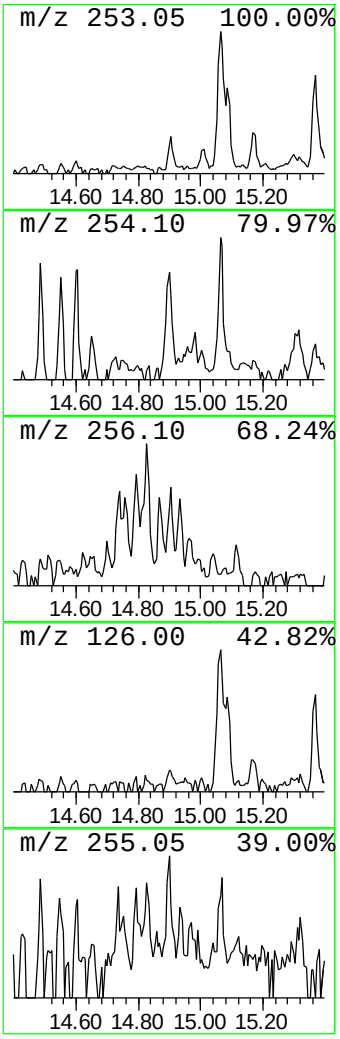
Peak Number 18 Chrysene, 5-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.39 ng	41014	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-ethyl-	256	C20H16	054986-62-8	42
2	Benzo[c]phenanthrene, 1,12-dimet...	256	C20H16	004076-43-1	27
3	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	27
4	10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	22
5	Formamide oxime, 4-methoxy-3,5-d...	256	C8H8N4O6	1000259-36-8	22





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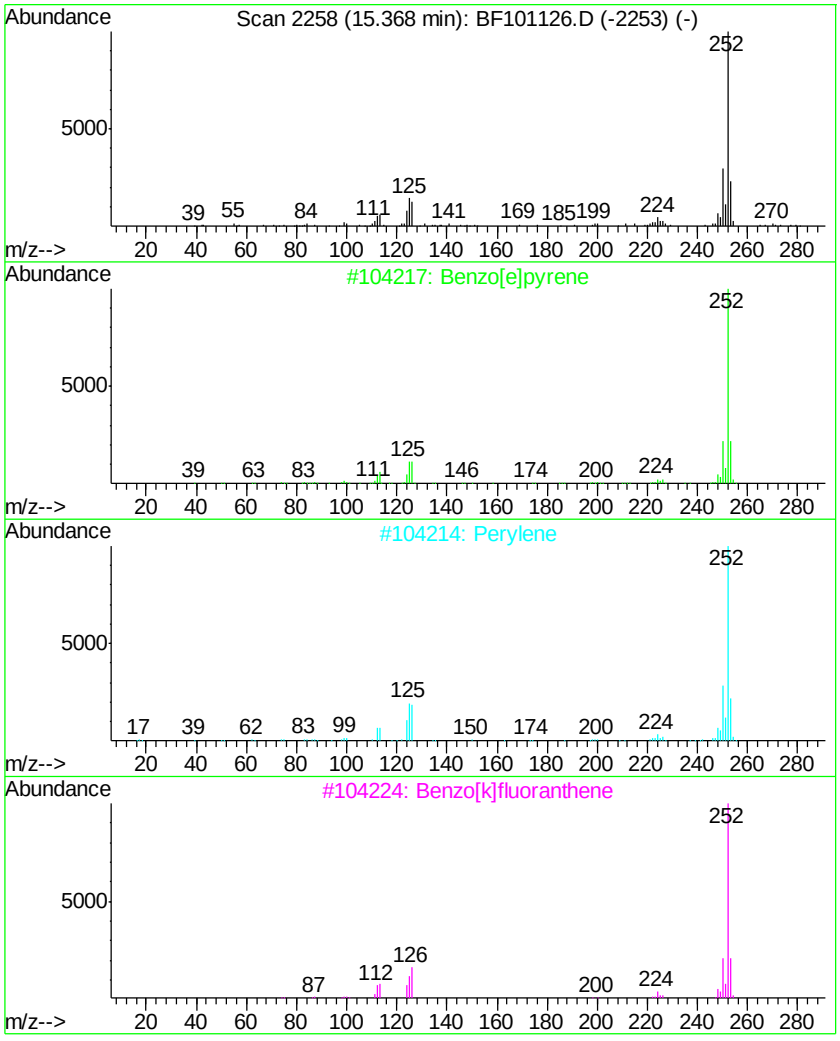
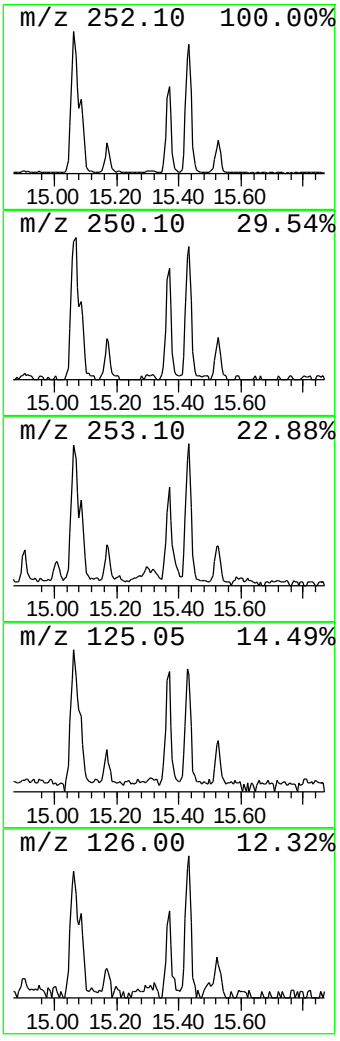
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	8.27 ng	141678	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





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...	5.08	5.1	ng	87086	1	6.85	339104	20.0
unknown6.62	6.62	81.2	ng	1376050	1	6.85	339104	20.0
Pentadecane	10.77	2.7	ng	61805	4	11.37	453636	20.0
Phenanthrene, 2-m...	11.87	4.6	ng	105173	4	11.37	453636	20.0
4H-Cyclopenta[def...	11.99	6.4	ng	145692	4	11.37	453636	20.0
1H-Indene, 2-phenyl-	12.01	2.9	ng	65632	4	11.37	453636	20.0
Phenanthrene, 2,5...	12.42	4.2	ng	94880	4	11.37	453636	20.0
di-p-Tolylacetylene	12.46	3.0	ng	68137	4	11.37	453636	20.0
Naphthalene, 1,2-...	12.52	2.5	ng	57078	4	11.37	453636	20.0
Pyrene, 1-methyl-	13.03	2.9	ng	87309	5	14.02	607750	20.0
Fluoranthene, 2-m...	13.15	3.1	ng	95048	5	14.02	607750	20.0
Benzo[b]naphtho[2...	13.77	2.3	ng	69101	5	14.02	607750	20.0
1-Heneicosanol	13.84	4.4	ng	133205	5	14.02	607750	20.0
Benz[a]anthracene...	14.40	2.8	ng	85929	5	14.02	607750	20.0
Chrysene, 5-ethyl-	14.90	2.4	ng	41014	6	15.50	342797	20.0
Benzo[e]pyrene	15.37	8.3	ng	141678	6	15.50	342797	20.0