LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117386.D
Acq On : 12 Oct 2019 23:17
Operator : JU
Sample : K5316-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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	5.416	562	566	583	rBV	632246	778073	85.48%	5.938%
2	6.440	736	740	758	rBV	759849	905115	99.44%	6.907%
3	6.569	758	762	771	rVV	996035	910198	100.00%	6.946%
4	6.792	797	800	820	rVB	238744	226953	24.93%	1.732%
5	6.951	823	827	842	rBV	656551	652958	71.74%	4.983%
6	7.357	893	896	927	rBV	428627	557270	61.23%	4.253%
7	8.075	1015	1018	1036	rBV	193130	294103	32.31%	2.244%
8	9.151	1197	1201	1212	rBV	865727	892475	98.05%	6.811%
9	9.545	1265	1268	1276	rVB	131188	131631	14.46%	1.005%
10	9.692	1290	1293	1299	rBV	32518	33273	3.66%	0.254%
11	9.828	1313	1316	1326	rBV	376501	377558	41.48%	2.881%
12	10.145	1367	1370	1374	rBV	11398	13098	1.44%	0.100%
13	10.380	1407	1410	1416	rVB2	14532	19641	2.16%	0.150%
14	10.622	1447	1451	1466	rVB	628164	634096	69.67%	4.839%
15	10.745	1466	1472	1477	rVB4	14281	20720	2.28%	0.158%
16	10.928	1498	1503	1505	rBV2	17288	23508	2.58%	0.179%
17	10.957	1505	1508	1511	rVV3	20203	19608	2.15%	0.150%
18	11.216	1547	1552	1558	rVB	20595	23599	2.59%	0.180%
19	11.316	1565	1569	1572	rBV	385788	407358	44.75%	3.109%
20	11.339	1572	1573	1579	rVV	242422	187518	20.60%	1.431%
21	11.398	1579	1583	1585	rVV	23606	27002	2.97%	0.206%
22	11.433	1585	1589	1591	rVV3	12243	14688	1.61%	0.112%
23	11.557	1606	1610	1615	rBV4	10467	21490	2.36%	0.164%
24	11.604	1615	1618	1621	rVV3	19487	19171	2.11%	0.146%
25	11.651	1621	1626	1632	rVB	33554	36258	3.98%	0.277%
26	11.733	1636	1640	1645	rBV	23598	26645	2.93%	0.203%
27	11.822	1651	1655	1657	rBV	116998	125955	13.84%	0.961%
28	11.845	1657	1659	1665	rVV	166794	189078	20.77%	1.443%
29	11.898	1665	1668	1670	rVV2	32940	32762	3.60%	0.250%
30	11.927	1670	1673	1676	rVV2	144158	165993	18.24%	1.267%
31	11.951	1676	1677	1683	rVB	87314	80490	8.84%	0.614%
32	12.010	1683	1687	1690	rBV3	11745	13574	1.49%	0.104%
33	12.057	1692	1695	1697	rVB	15945	14622	1.61%	0.112%
34	12.110	1701	1704	1707	rVV	47932	49413	5.43%	0.377%

LSC Area Percent Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.151	1709	1711	1715	rVB3	31651	33791	3.71%	0.258%
36	12.216	1719	1722	1725	rBV3	11349	13463	1.48%	0.103%
37	12.263	1725	1730	1733	rVV2	39479	50101	5.50%	0.382%
38	12.298	1733	1736	1738	rVV	63301	62206	6.83%	0.475%
39	12.322	1738	1740	1744	rVB	39579	34823	3.83%	0.266%
40	12.369	1744	1748	1751	rBV	158265	159694	17.54%	1.219%
41	12.404	1751	1754	1757	rVV3	73511	111476	12.25%	0.851%
42	12.427	1757	1758	1760	rVV	49650	27021	2.97%	0.206%
43	12.457	1760	1763	1767	rVV2	45876	73703	8.10%	0.562%
44	12.486	1767	1768	1772	rVB	19574	14835	1.63%	0.113%
45	12.533	1772	1776	1780	rBV	304139	272596	29.95%	2.080%
46	12.574	1780	1783	1785	rVV3	28864	31651	3.48%	0.242%
47	12.598	1785	1787	1789	rVB	29399	24158	2.65%	0.184%
48	12.627	1789	1792	1798	rBV	36511	42484	4.67%	0.324%
49	12.686	1798	1802	1804	rVV2	36103	37264	4.09%	0.284%
50	12.710	1804	1806	1809	rVV3	16847	14681	1.61%	0.112%
51	12.763	1809	1815	1821	rVV	367645	405244	44.52%	3.093%
52	12.816	1821	1824	1828	rVB	65073	63456	6.97%	0.484%
53	12.898	1834	1838	1841	rBV	935598	795592	87.41%	6.072%
54	12.980	1848	1852	1859	rBV5	50361	98906	10.87%	0.755%
55	13.033	1859	1861	1864	rBV3	18970	19549	2.15%	0.149%
56	13.069	1864	1867	1868	rVV2	39180	39698	4.36%	0.303%
57	13.092	1868	1871	1874	rVV2	70205	78240	8.60%	0.597%
58	13.121	1874	1876	1880	rVV3	25560	32124	3.53%	0.245%
59	13.157	1880	1882	1886	rVV	48638	50548	5.55%	0.386%
60	13.198	1886	1889	1893	rVB2	69672	74753	8.21%	0.570%
61	13.286	1901	1904	1907	rVB	57239	49446	5.43%	0.377%
62	13.321	1907	1910	1913	rVV	53818	58035	6.38%	0.443%
63	13.351	1913	1915	1919	rVB3	18616	15810	1.74%	0.121%
64	13.404	1922	1924	1927	rVB3	12875	12257	1.35%	0.094%
65	13.463	1932	1934	1937	rBV4	15478	17048	1.87%	0.130%
66	13.498	1937	1940	1941	rVV2	14385	14480	1.59%	0.111%
67	13.574	1950	1953	1956	rBV5	23349	35568	3.91%	0.271%
68	13.604	1956	1958	1962	rVB2	23427	28534	3.13%	0.218%
69	13.663	1965	1968	1969	rBV	11837	12445	1.37%	0.095%
70	13.716	1972	1977	1979	rBV3	37227	58253	6.40%	0.445%
71	13.774	1983	1987	1988	rBV2	54416	62204	6.83%	0.475%

LSC Area Percent Report

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Operator : JU
Sample : K5316-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.792	1988	1990	1997	rVB2	111925	173958	19.11%	1.328%
73	13.963	2014	2019	2021	rBV2	347183	426999	46.91%	3.259%
74	13.986	2021	2023	2030	rVB	129337	142770	15.69%	1.090%
75	14.051	2031	2034	2035	rBV3	15926	14455	1.59%	0.110%
76	14.110	2041	2044	2045	rBV2	18905	19706	2.17%	0.150%
77	14.310	2076	2078	2080	rBV2	18816	17108	1.88%	0.131%
78	14.351	2080	2085	2089	rBV	56987	71839	7.89%	0.548%
79	14.386	2089	2091	2092	rBV	21599	15529	1.71%	0.119%
80	14.416	2093	2096	2098	rBV2	45774	46118	5.07%	0.352%
81	14.474	2104	2106	2113	rVB5	46585	70000	7.69%	0.534%
82	14.680	2139	2141	2143	rBV3	13613	15252	1.68%	0.116%
83	14.716	2144	2147	2149	rVB	29737	29870	3.28%	0.228%
84	14.851	2166	2170	2173	rBV6	22601	32052	3.52%	0.245%
85	14.998	2192	2195	2199	rBV	64047	102482	11.26%	0.782%
86	15.039	2199	2202	2206	rVB	70309	86689	9.52%	0.662%
87	15.110	2212	2214	2220	rVB2	33981	43929	4.83%	0.335%
88	15.292	2242	2245	2251	rVB	56917	73729	8.10%	0.563%
89	15.357	2252	2256	2261	rBV	68569	90808	9.98%	0.693%
90	15.415	2261	2266	2270	rBV	204718	290965	31.97%	2.220%
91	15.639	2302	2304	2307	rVB4	12981	13518	1.49%	0.103%
92	15.768	2324	2326	2332	rVB7	12499	14988	1.65%	0.114%
93	15.821	2332	2335	2344	rVB2	45042	68108	7.48%	0.520%
94	15.910	2344	2350	2351	rBV6	23626	39434	4.33%	0.301%
95	16.304	2414	2417	2421	rBV4	15173	21961	2.41%	0.168%
96	16.874	2508	2514	2520	rVB2	39599	76493	8.40%	0.584%
97	17.315	2583	2589	2596	rBV2	22855	54848	6.03%	0.419%
98	17.445	2608	2611	2617	rVB8	15057	32281	3.55%	0.246%
99	17.533	2622	2626	2627	rVV4	13547	14467	1.59%	0.110%
100	17.551	2627	2629	2640	rVB4	18980	51201	5.63%	0.391%

Sum of corrected areas: 13103588

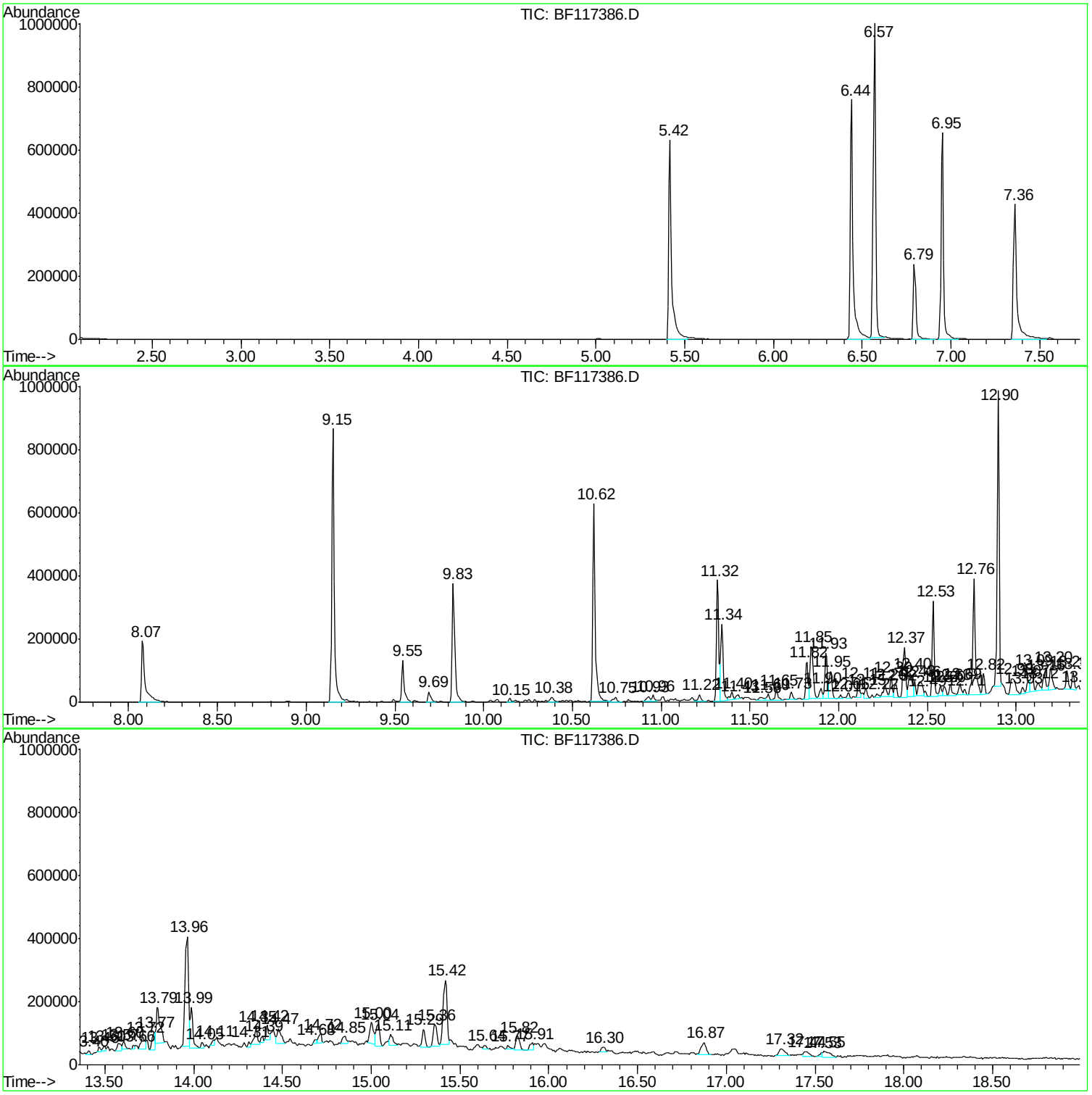
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117386.D
Acq On : 12 Oct 2019 23:17
Operator : JU
Sample : K5316-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
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Acq On : 12 Oct 2019 23:17
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

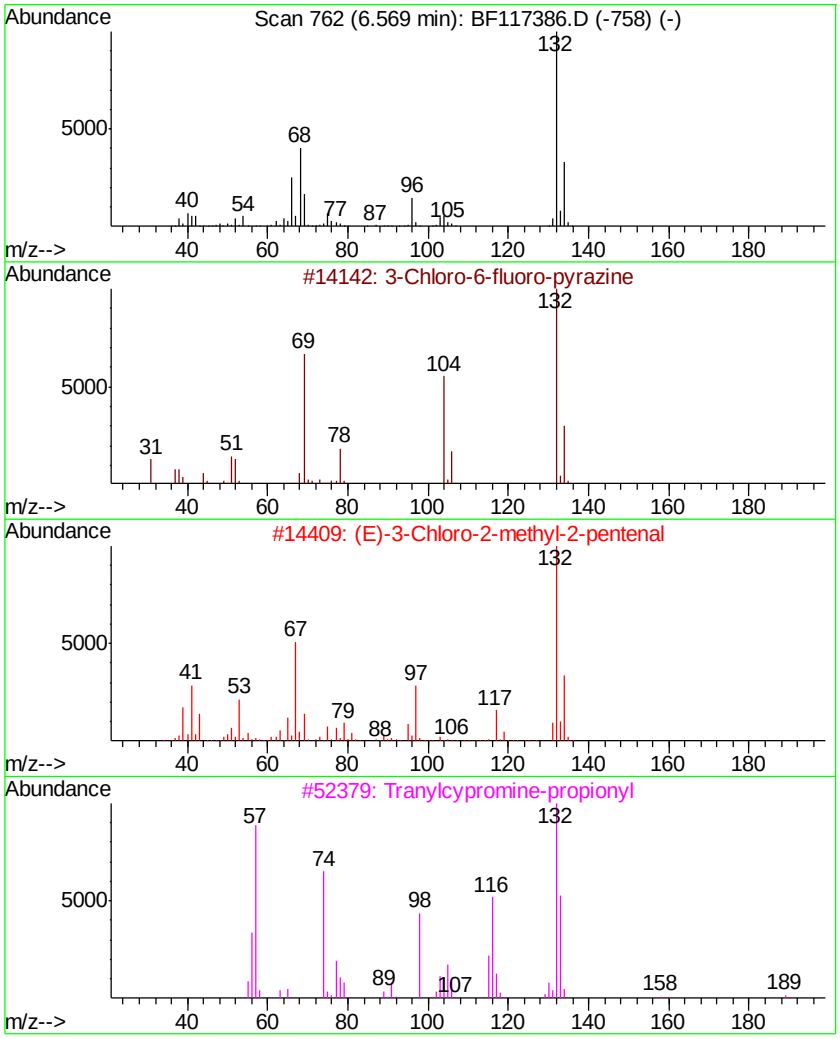
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

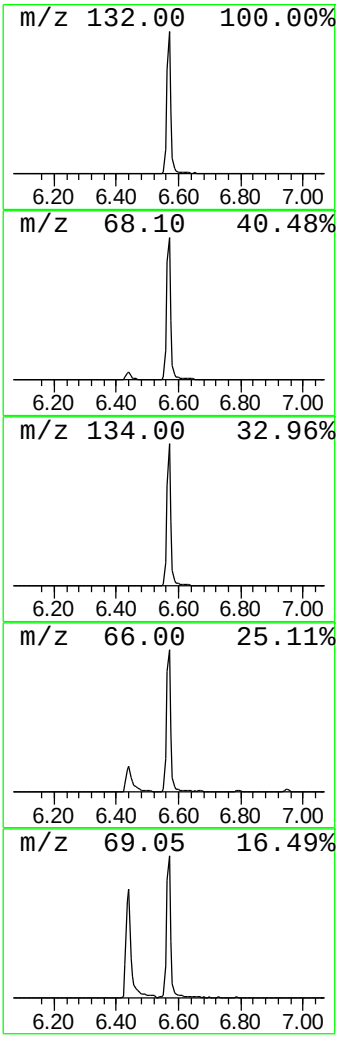
****

Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	80.21 ng	910198	1,4-Dichlorobenzene-d4	6.79

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117386.D
Acq On : 12 Oct 2019 23:17
Operator : JU
Sample : K5316-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

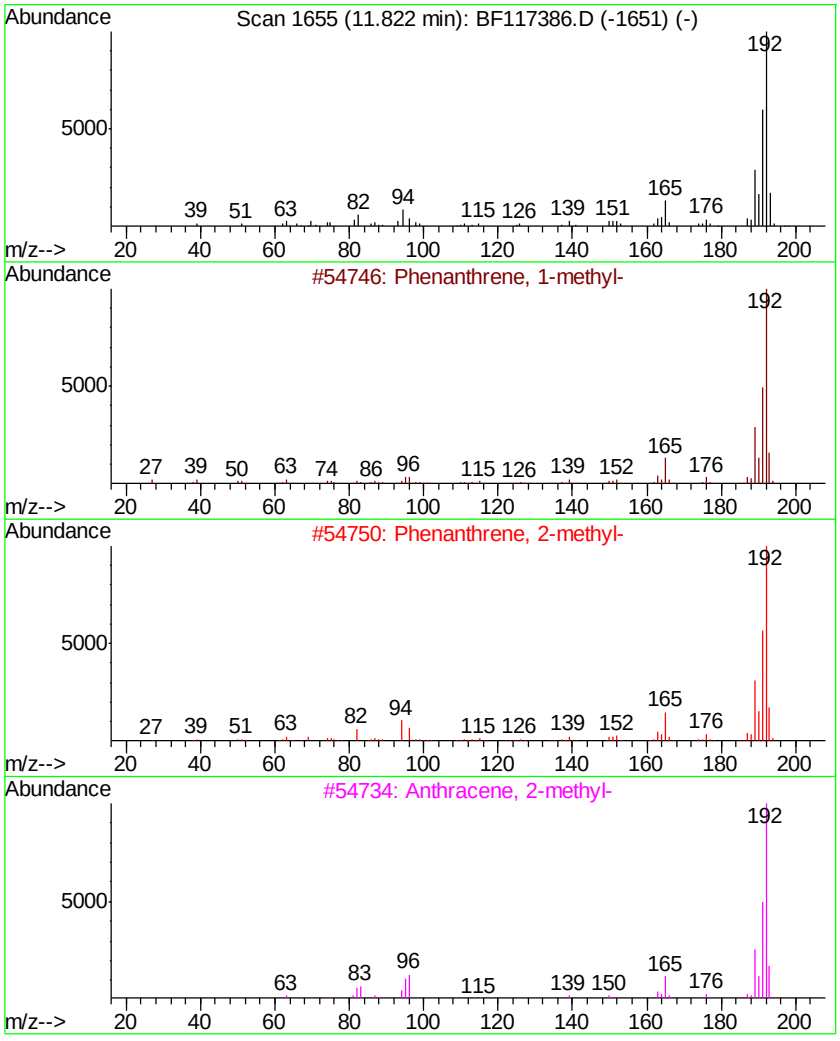
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

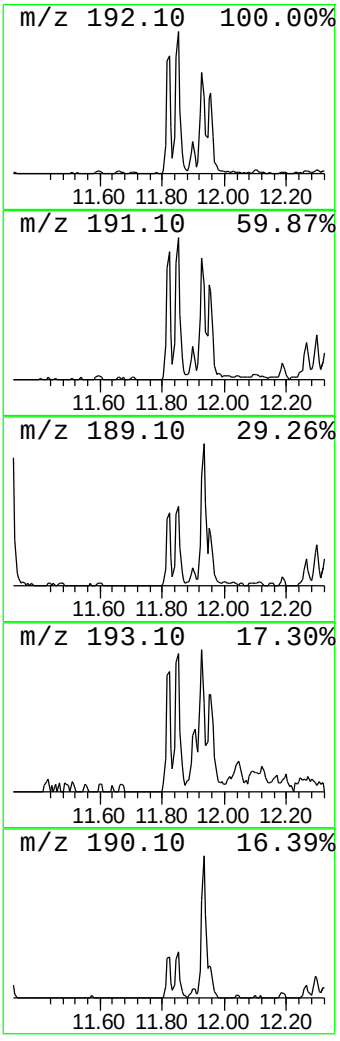
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	6.18 ng	125955	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
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Acq On : 12 Oct 2019 23:17
Operator : JU
Sample : K5316-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

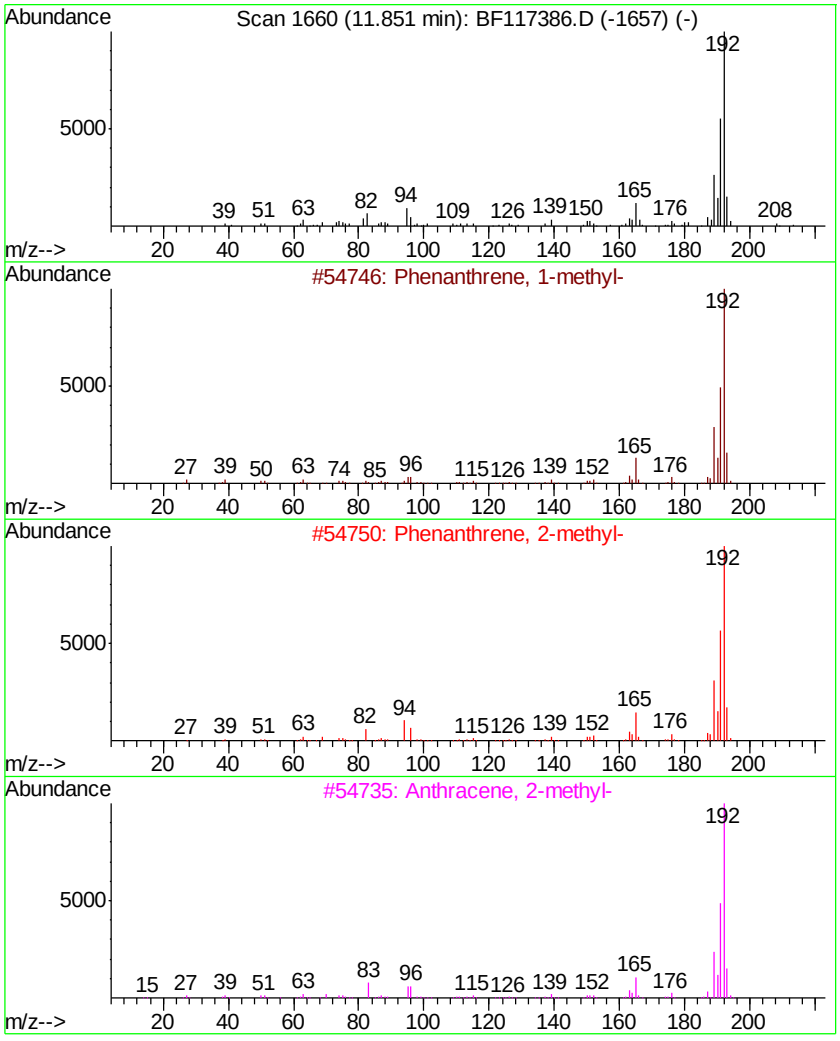
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

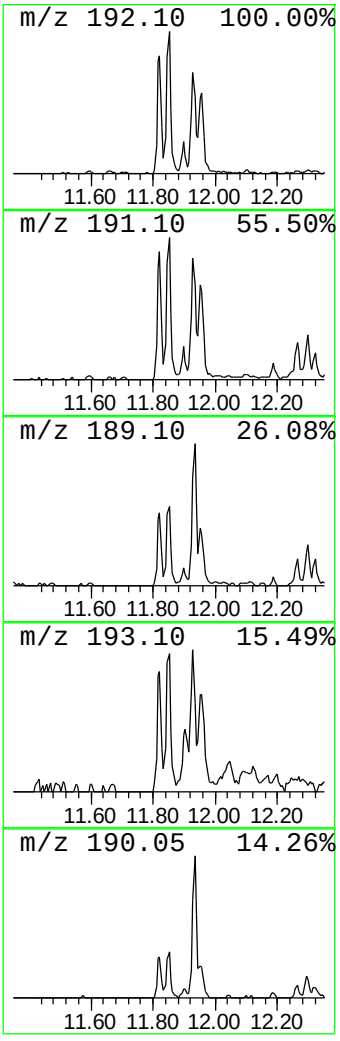
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	9.28 ng	189078	Phenanthrene-d10	11.32

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, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117386.D
Acq On : 12 Oct 2019 23:17
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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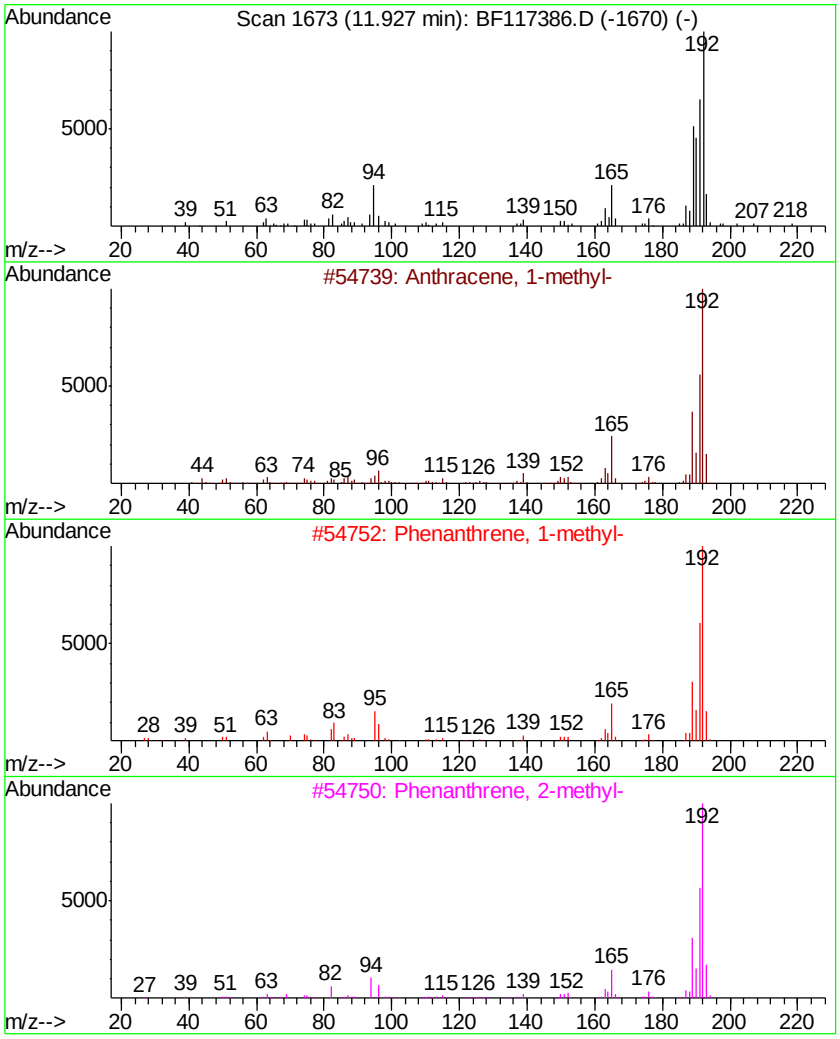
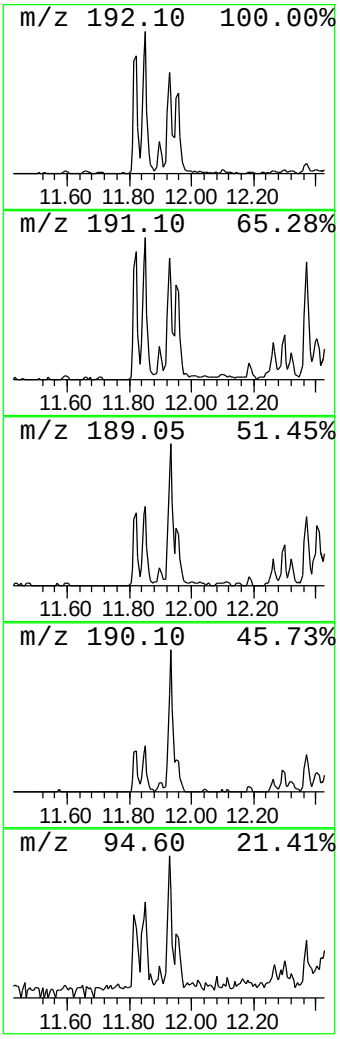
Peak Number 5 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	8.15 ng	165993	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117386.D
Acq On : 12 Oct 2019 23:17
Operator : JU
Sample : K5316-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

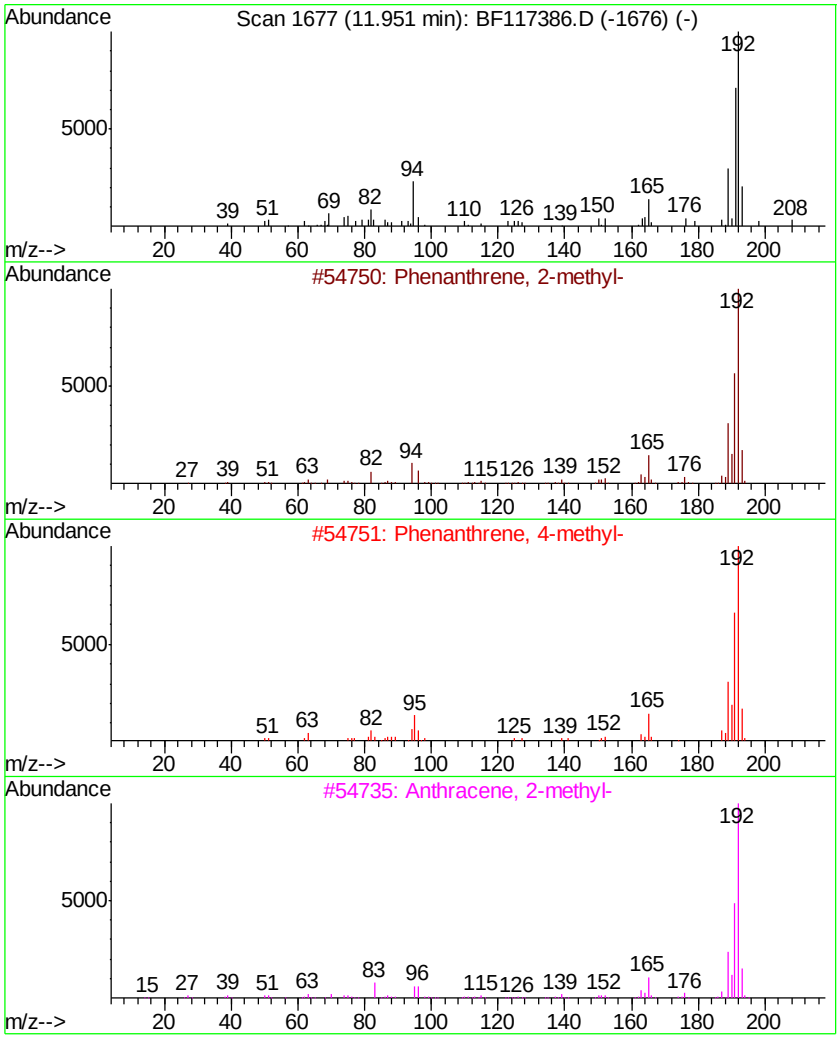
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

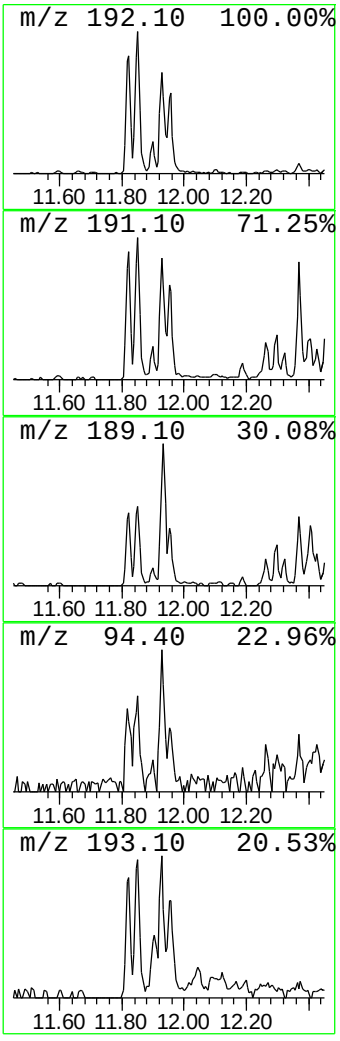
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.95 ng	80490	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	68
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64





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Acq On : 12 Oct 2019 23:17
Operator : JU
Sample : K5316-03
Misc :
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Instrument : BNA_F
ClientSampleId : TP-9

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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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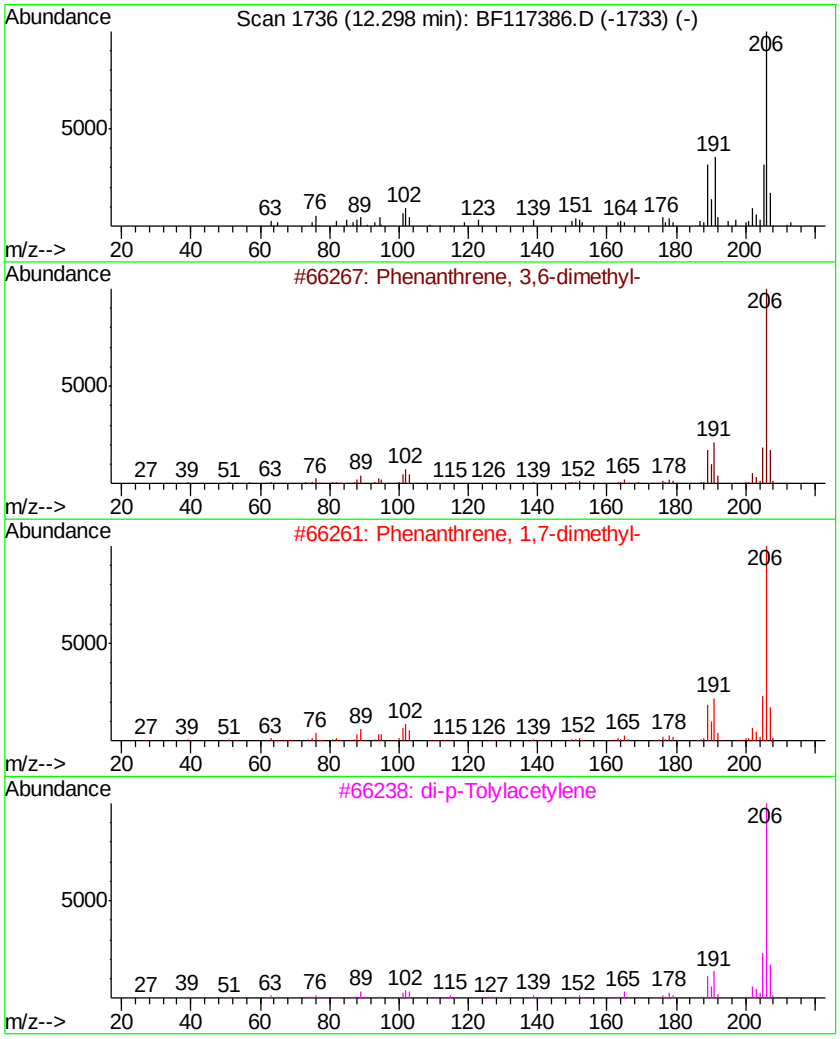
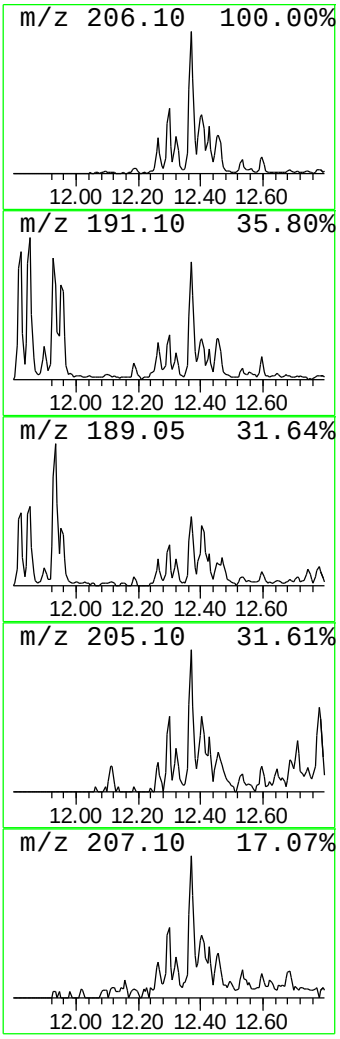
Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.05 ng	62206	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	80





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ClientSampleId : TP-9

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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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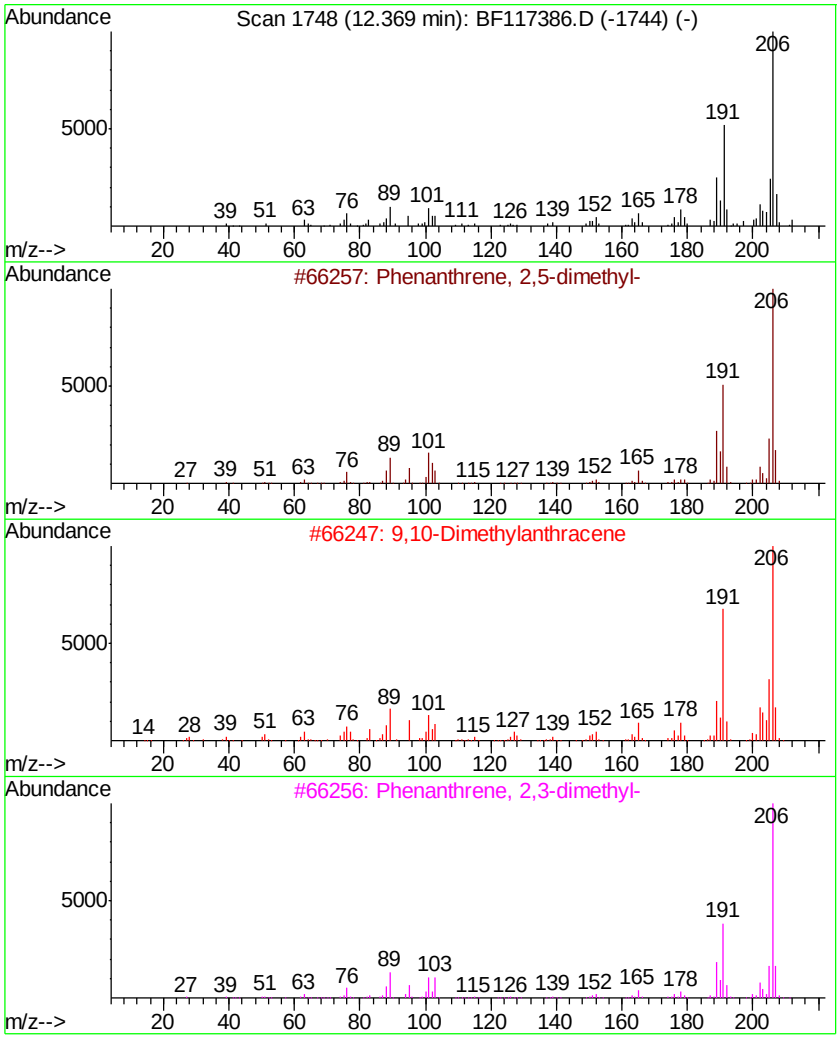
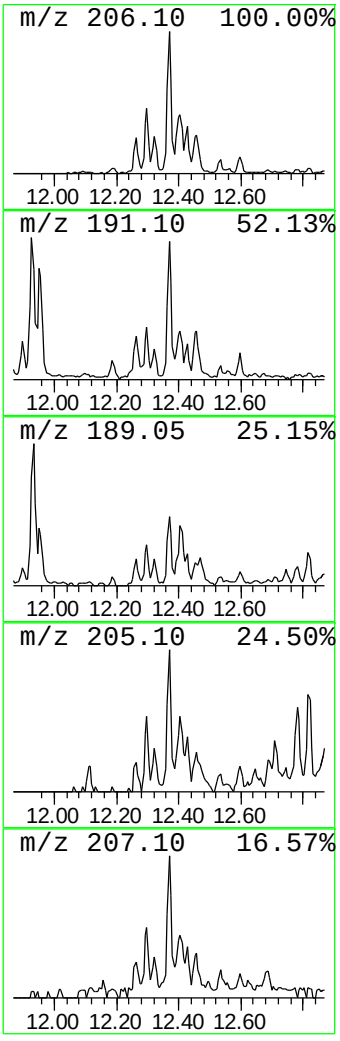
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	7.84 ng	159694	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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ClientSampleId : TP-9

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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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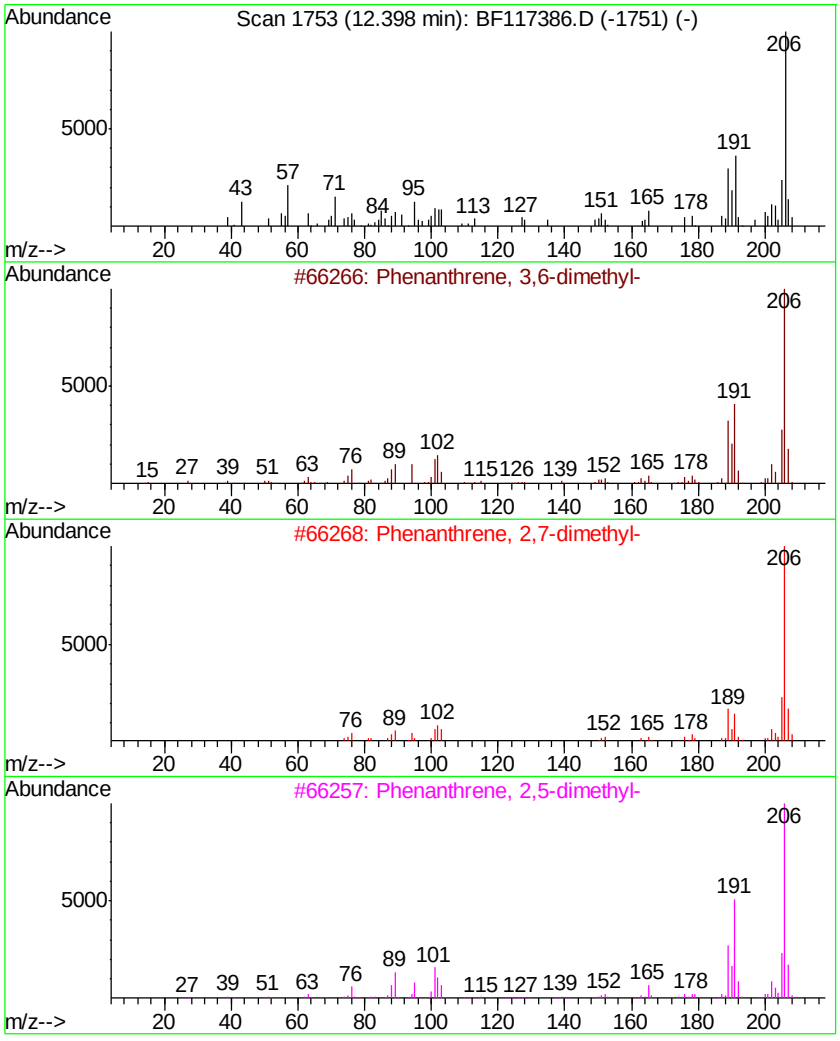
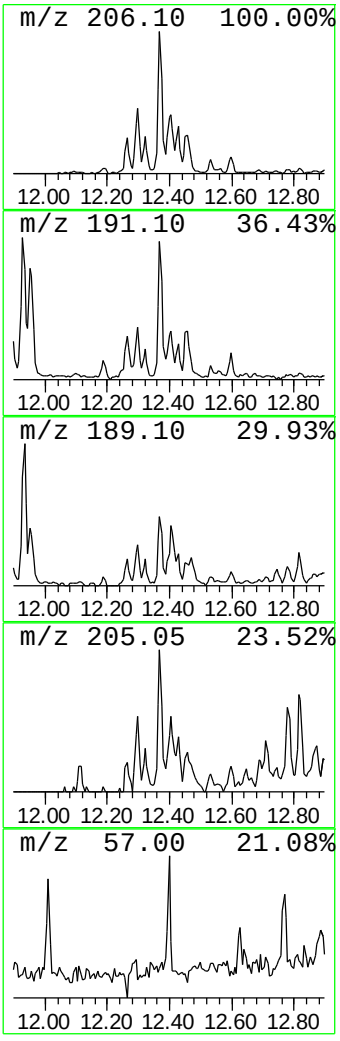
Peak Number 9 Phenanthrene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	5.47 ng	111476	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	80
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	60





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

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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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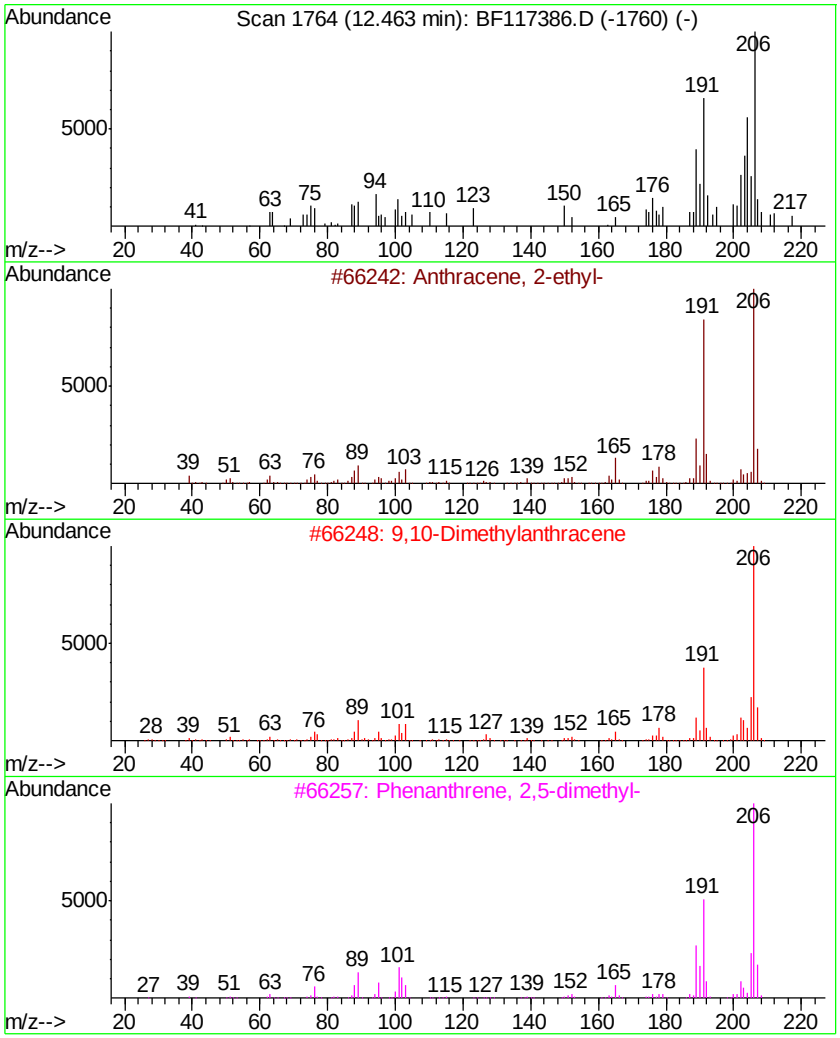
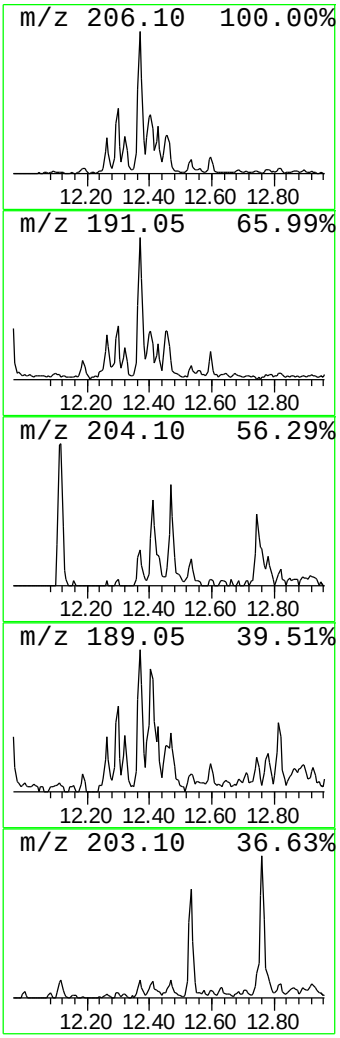
Peak Number 10 Anthracene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.62 ng	73703	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	87





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ClientSampleId : TP-9

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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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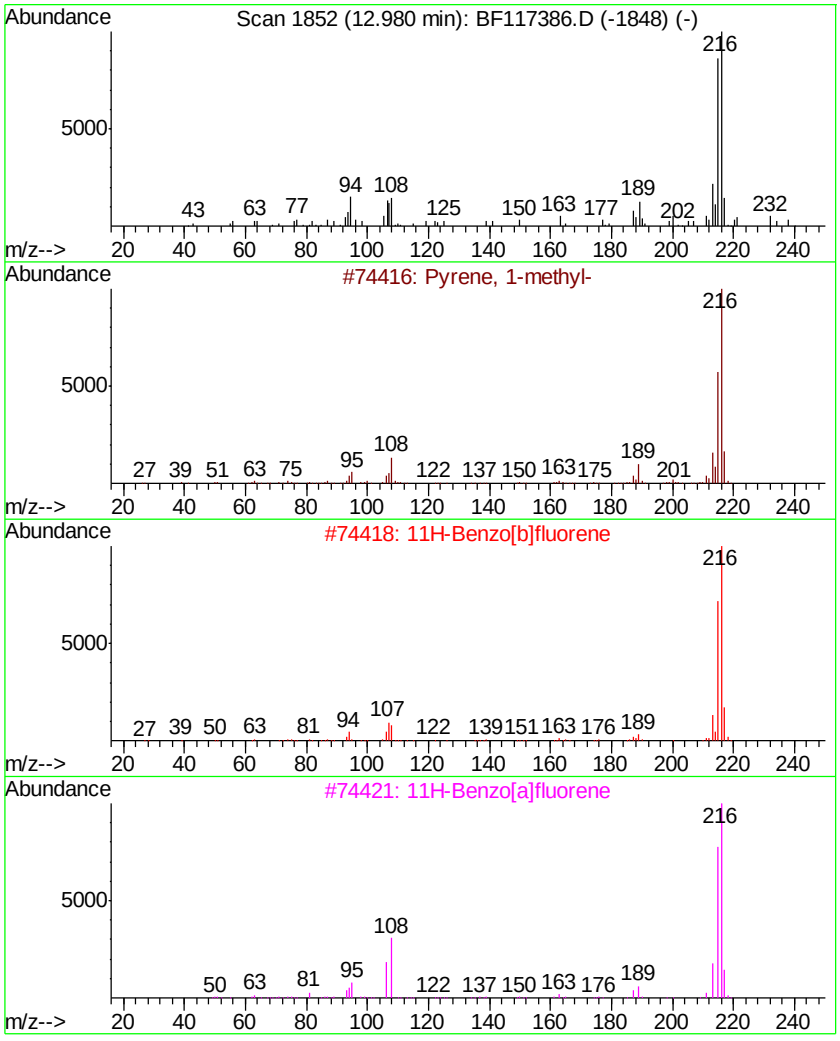
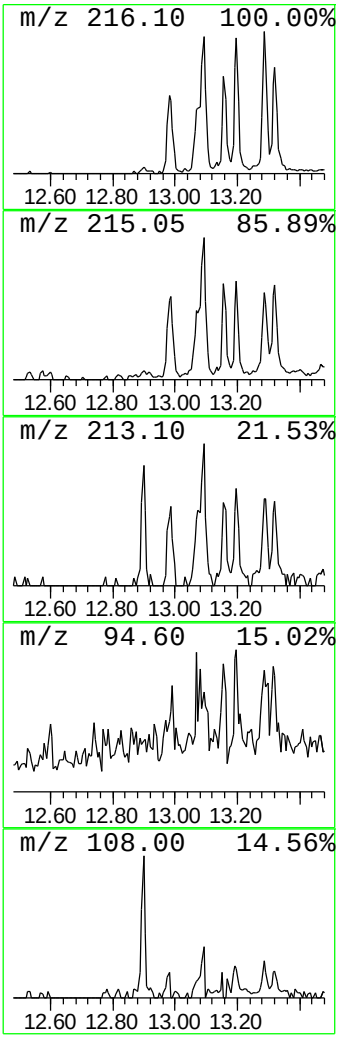
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	4.63 ng	98906	Chrysene-d12	13.96

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	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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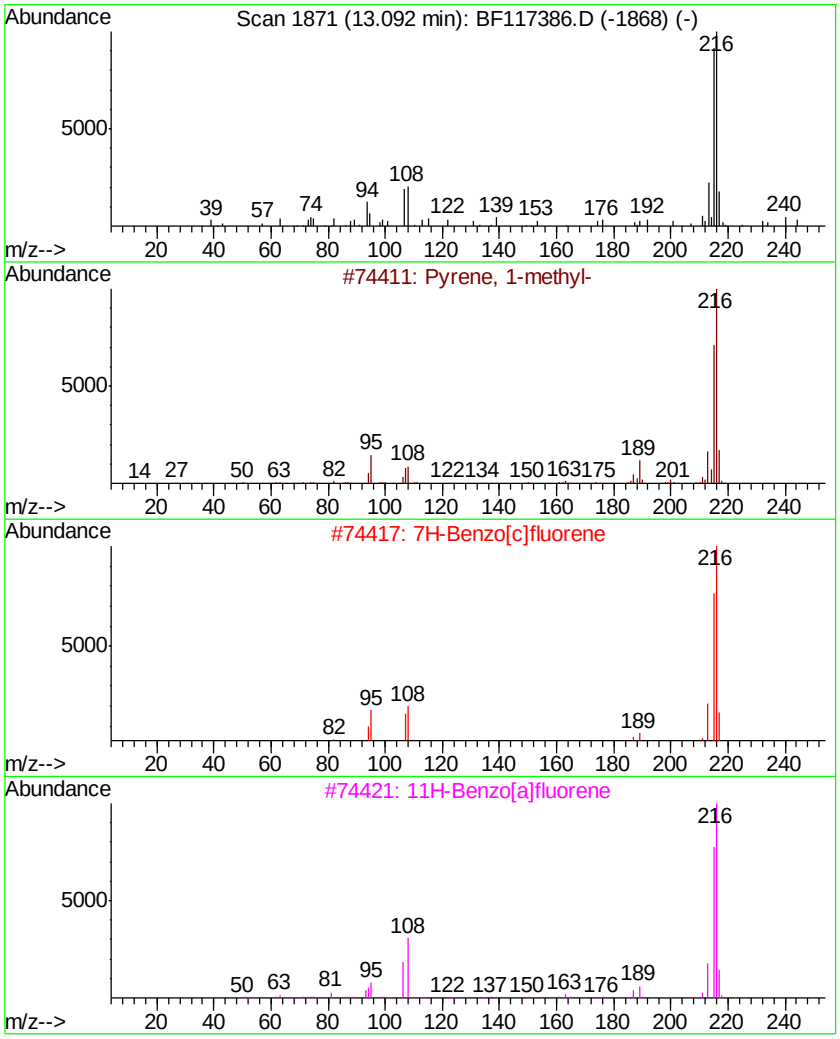
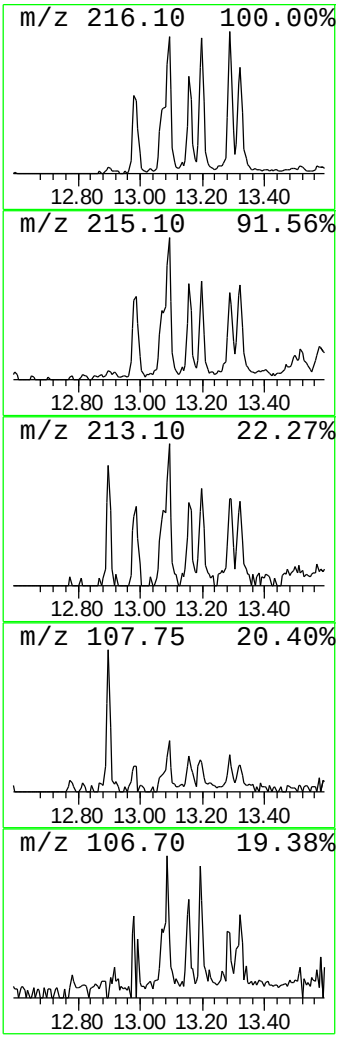
Peak Number 12 7H-Benzo[c]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	3.66 ng	78240	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59





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Instrument : BNA_F
ClientSampleId : TP-9

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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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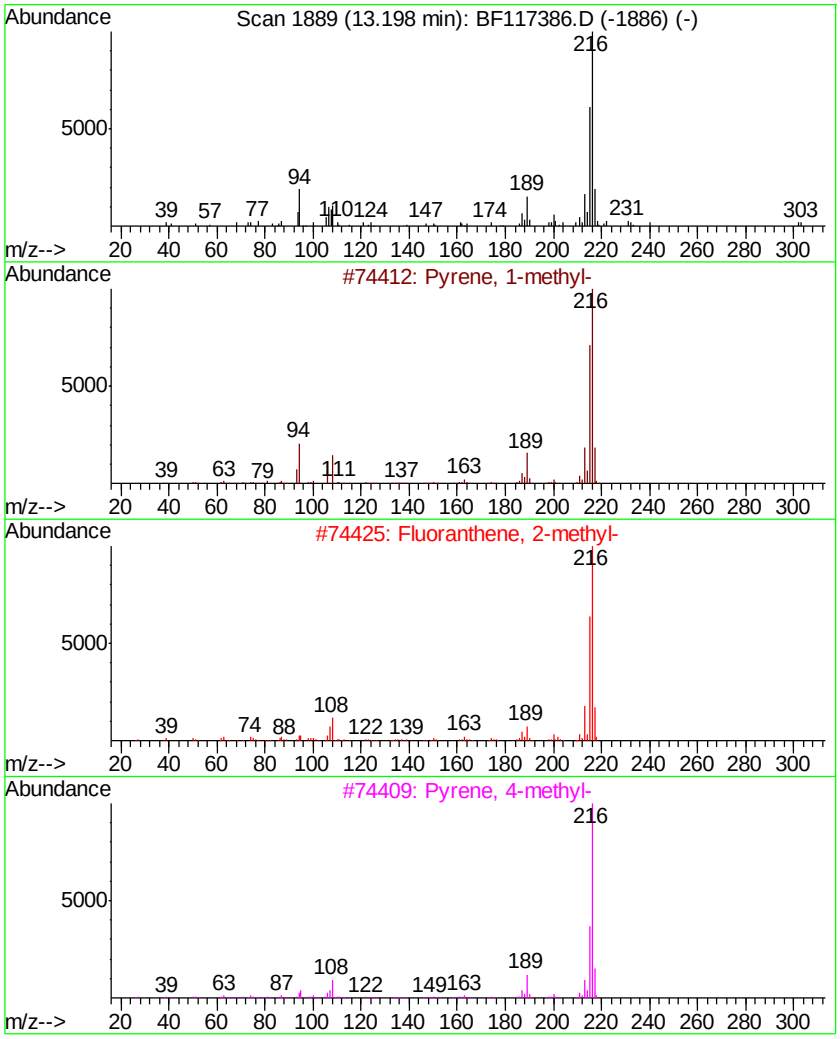
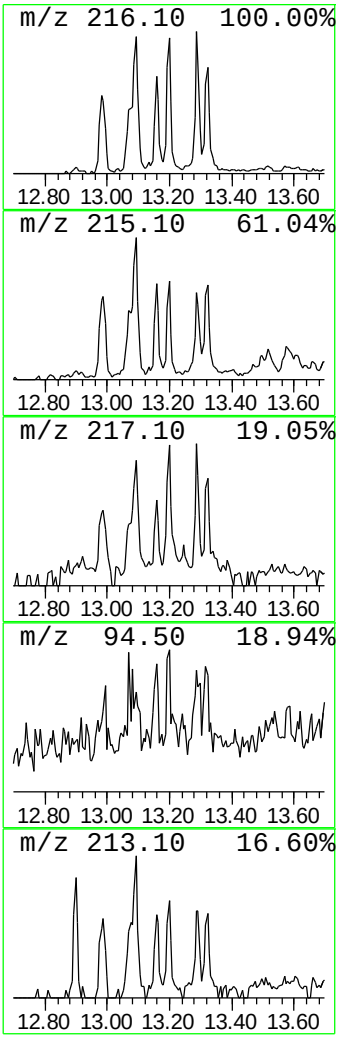
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	3.50 ng	74753	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Instrument : BNA_F
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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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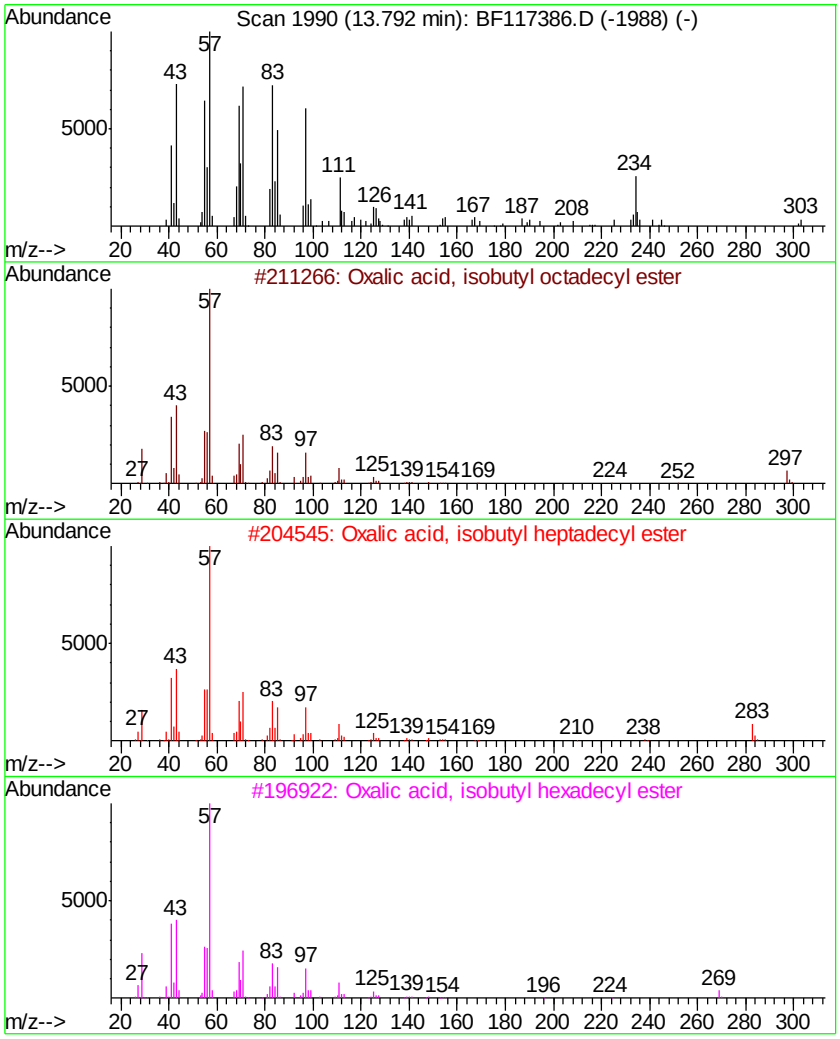
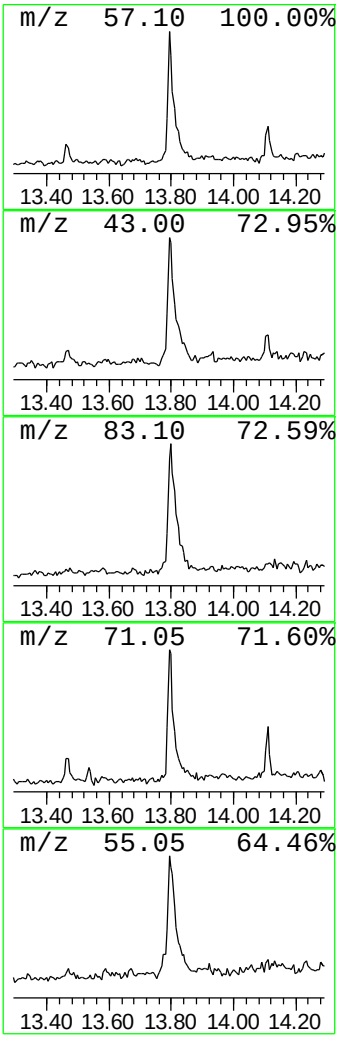
Peak Number 14 Oxalic acid, isobutyl octad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	8.15 ng	173958	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	83
2	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	83
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83
4	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	68
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	60





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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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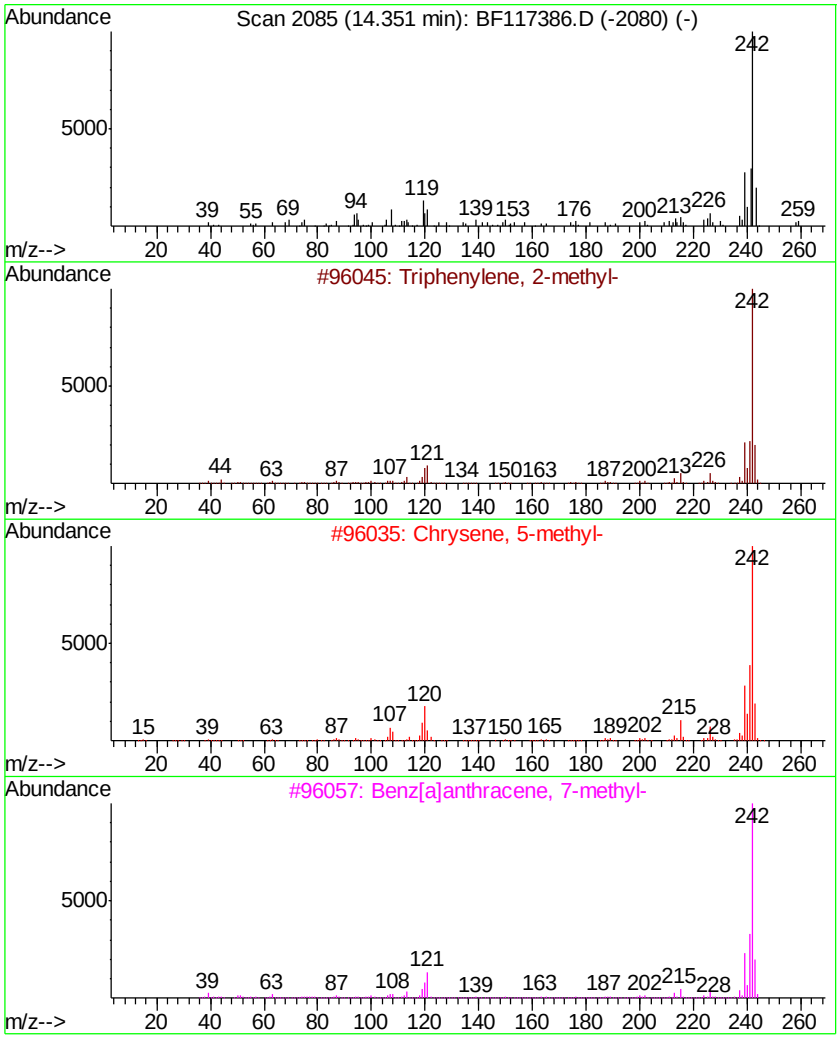
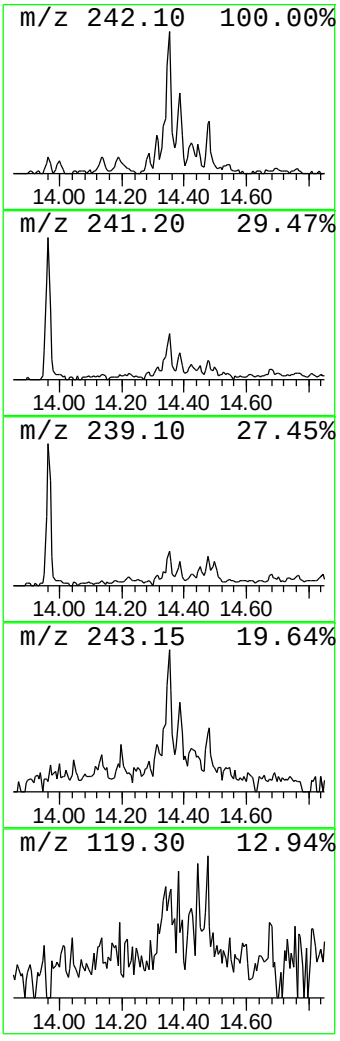
Peak Number 15 Triphenylene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	3.36 ng	71839	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	92
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	86
5	2-Methylchrysene	242	C19H14	003351-32-4	86





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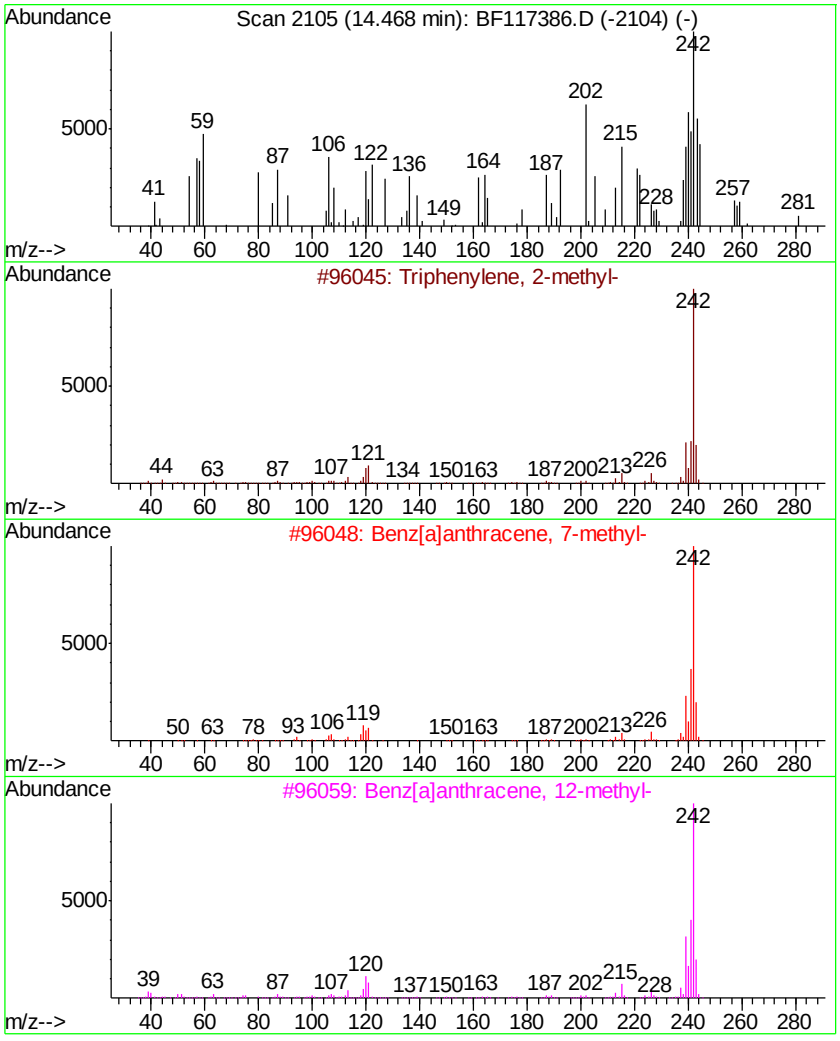
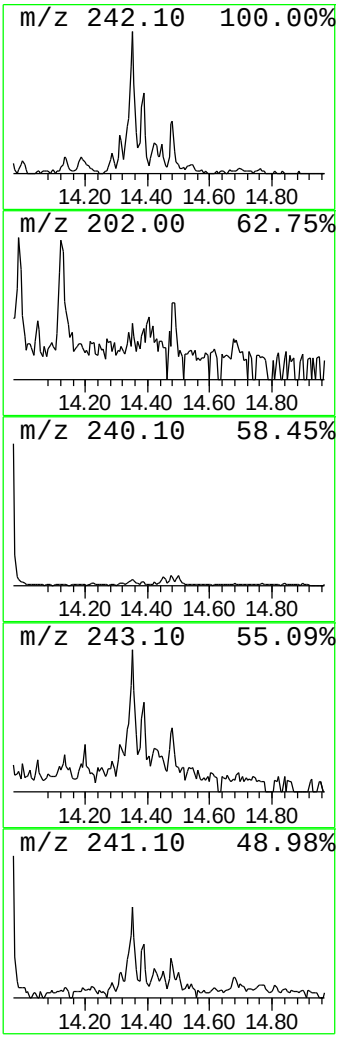
Peak Number 16 unknown14.47 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	3.28 ng	70000	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	64
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	46
3	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	43
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	43
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	43





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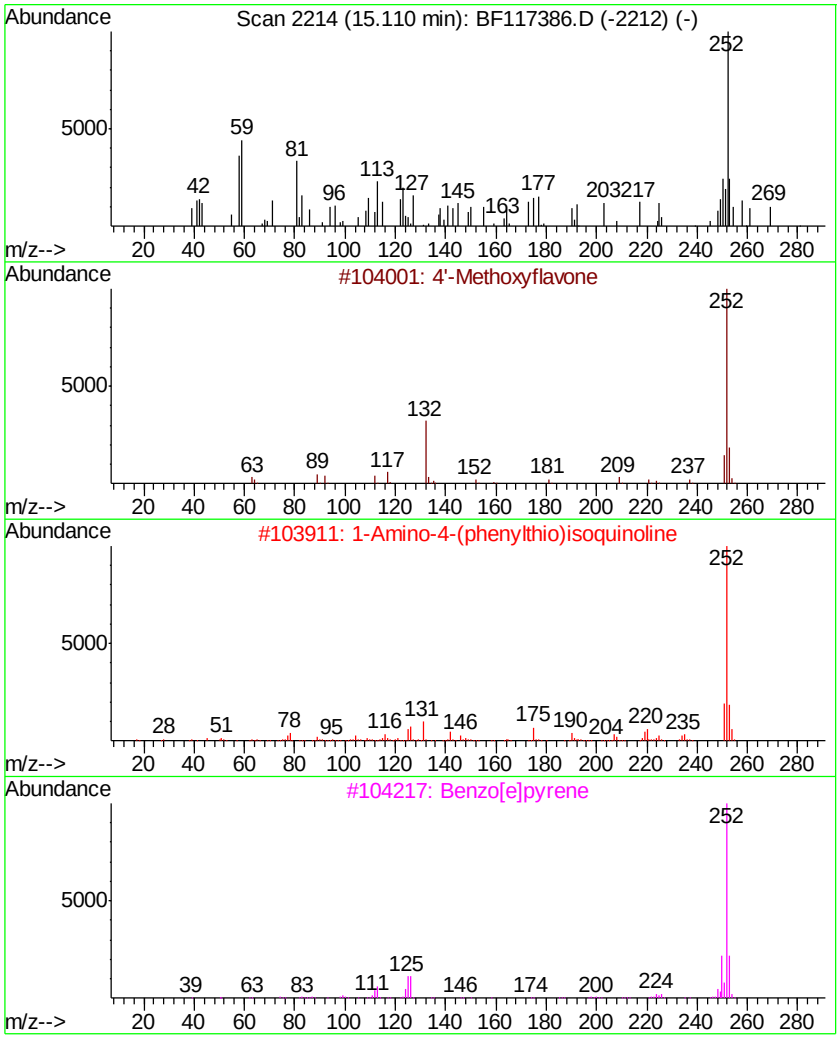
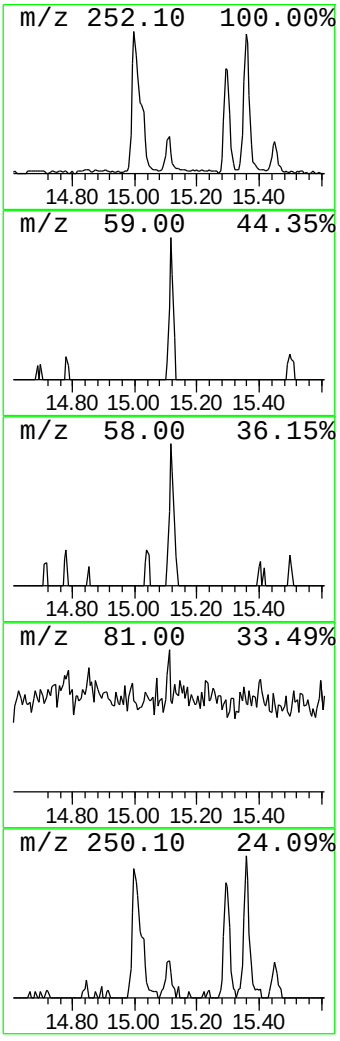
Peak Number 17 4'-Methoxyflavone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	3.02 ng	43929	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-Methoxyflavone	252	C16H12O3	004143-74-2	50
2	1-Amino-4-(phenylthio)isoquinoline	252	C15H12N2S	019653-19-1	46
3	Benzo[e]pyrene	252	C20H12	000192-97-2	46
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	43
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	43





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-9

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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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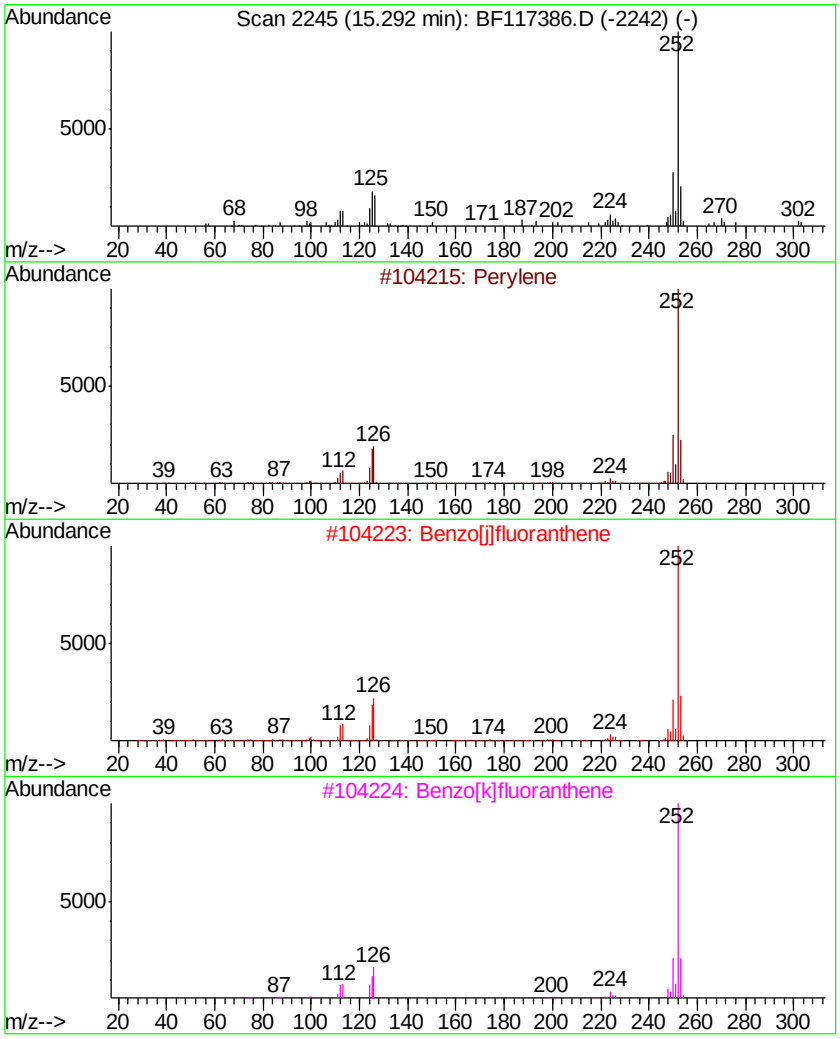
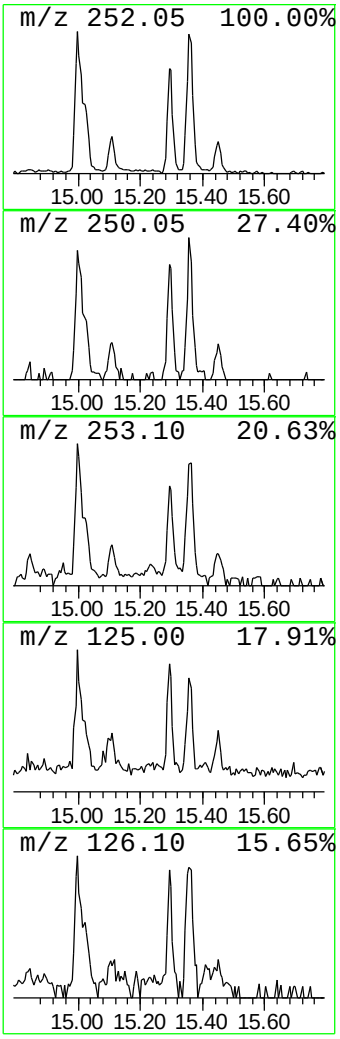
Peak Number 18 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	5.07 ng	73729	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[e]pyrene	252	C20H12	000192-97-2	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117386.D
Acq On : 12 Oct 2019 23:17
Operator : JU
Sample : K5316-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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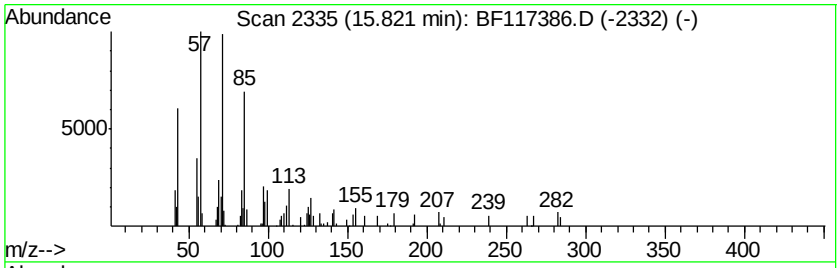
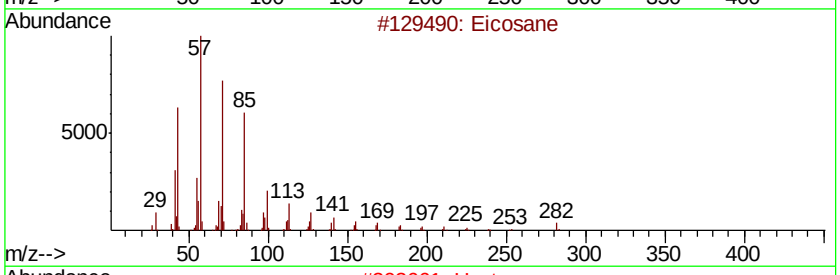
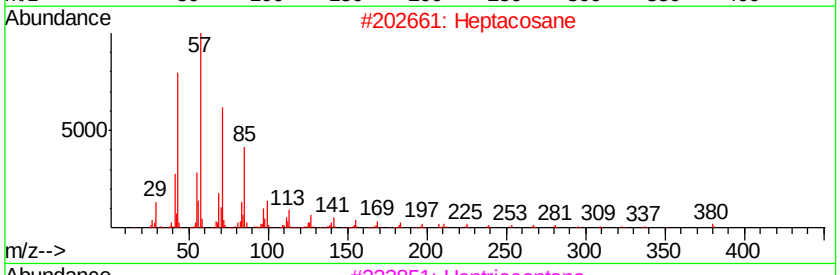
Peak Number 19 Eicosane Concentration Rank 10

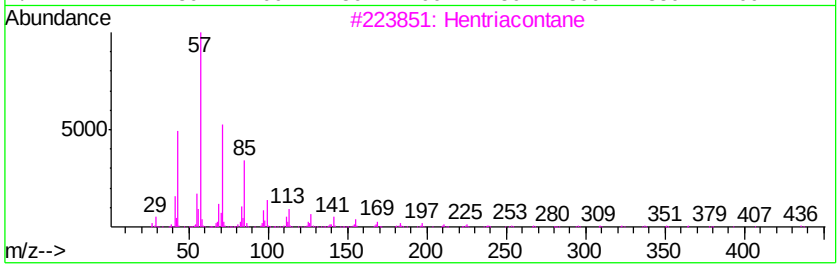
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	4.68 ng	68108	Perylene-d12	15.42

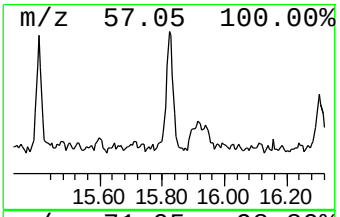
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptacosane	380	C27H56	000593-49-7	86
3	Hentriacontane	437	C31H64	000630-04-6	86
4	Tetrapentacontane	759	C54H110	005856-66-6	80
5	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	80

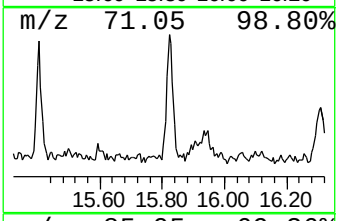


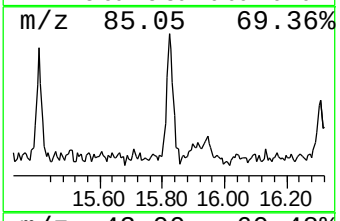


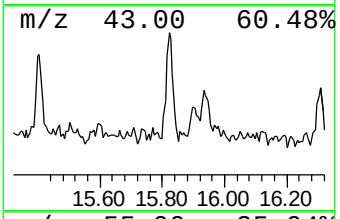


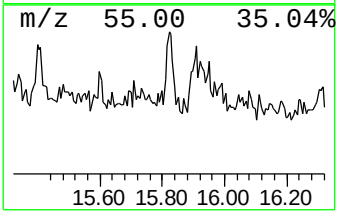












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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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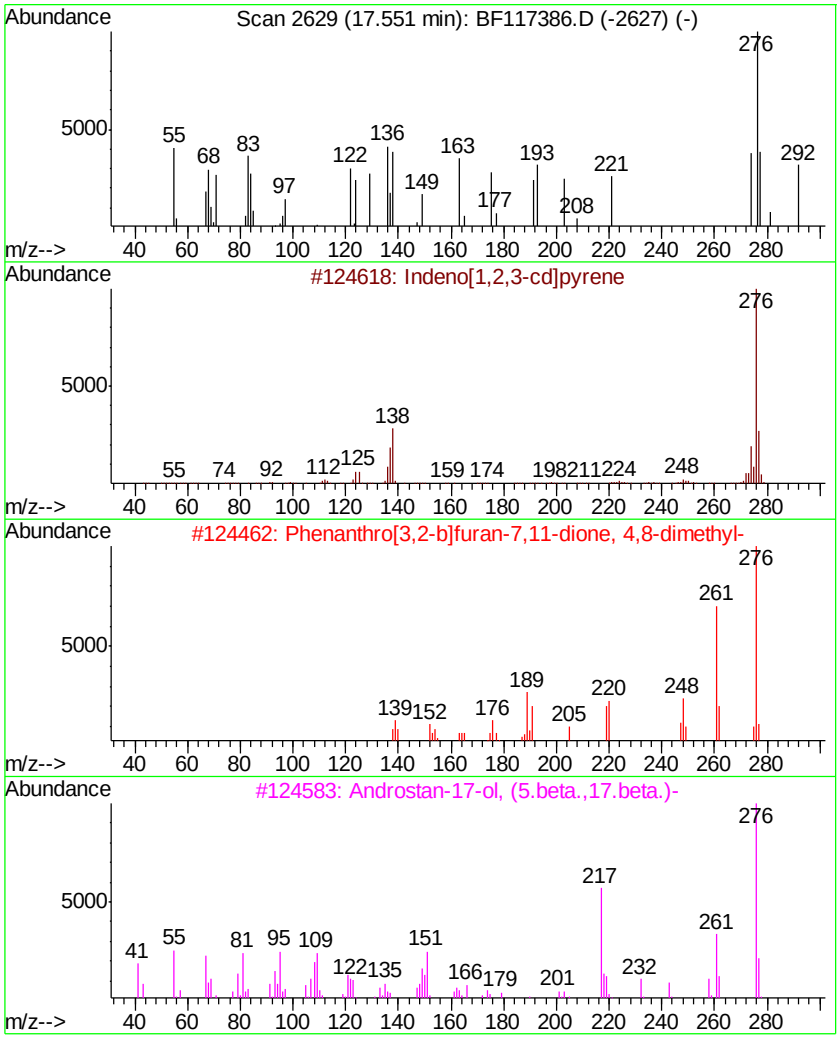
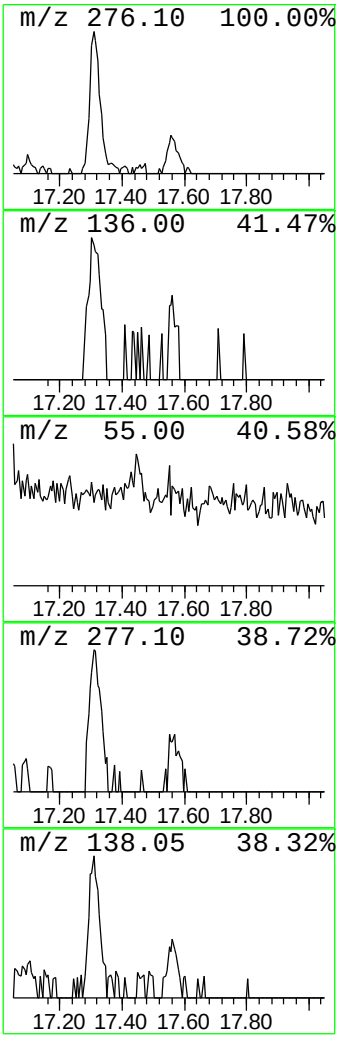
Peak Number 20 unknown17.55 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	3.52 ng	51201	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	16
2	Phenanthro[3,2-b]furan-7,11-dion...	276	C18H12O3	020958-17-2	9
3	Androstan-17-ol, (5.beta.,17.bet...	276	C19H32O	010328-72-0	9
4	Benzimidazole, 6-nitro-2-(1H-1,2...	276	C10H8N6O2S	347341-85-9	9
5	Benzo[ghi]perylene	276	C22H12	000191-24-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101219\
Data File : BF117386.D
Acq On : 12 Oct 2019 23:17
Operator : JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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
unknown6.57	6.57	80.2	ng	910198	1	6.79	226953	20.0
Phenanthrene, 1-m...	11.82	6.2	ng	125955	4	11.32	407358	20.0
Phenanthrene, 2-m...	11.85	9.3	ng	189078	4	11.32	407358	20.0
Anthracene, 1-met...	11.93	8.2	ng	165993	4	11.32	407358	20.0
Anthracene, 2-met...	11.95	4.0	ng	80490	4	11.32	407358	20.0
Phenanthrene, 3,6...	12.30	3.0	ng	62206	4	11.32	407358	20.0
Phenanthrene, 2,5...	12.37	7.8	ng	159694	4	11.32	407358	20.0
Phenanthrene, 2,7...	12.40	5.5	ng	111476	4	11.32	407358	20.0
Anthracene, 2-ethyl-	12.46	3.6	ng	73703	4	11.32	407358	20.0
Pyrene, 1-methyl-	12.98	4.6	ng	98906	5	13.96	426999	20.0
7H-Benzo[c]fluorene	13.09	3.7	ng	78240	5	13.96	426999	20.0
Fluoranthene, 2-m...	13.20	3.5	ng	74753	5	13.96	426999	20.0
Oxalic acid, isob...	13.79	8.2	ng	173958	5	13.96	426999	20.0
Triphenylene, 2-m...	14.35	3.4	ng	71839	5	13.96	426999	20.0
unknown14.47	14.47	3.3	ng	70000	5	13.96	426999	20.0
4'-Methoxyflavone	15.11	3.0	ng	43929	6	15.42	290965	20.0
Perylene	15.29	5.1	ng	73729	6	15.42	290965	20.0
Eicosane	15.82	4.7	ng	68108	6	15.42	290965	20.0
unknown17.55	17.55	3.5	ng	51201	6	15.42	290965	20.0