LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117385.D
Acq On : 12 Oct 2019 22:50
Operator : JU
Sample : K5316-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

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	581	rBV	720257	828036	70.55%	5.486%
2	6.439	736	740	758	rBV	853395	986767	84.07%	6.538%
3	6.569	758	762	780	rVB	1121604	1010496	86.10%	6.695%
4	6.792	797	800	810	rBV	254503	240182	20.46%	1.591%
5	6.951	823	827	843	rBV	744167	721558	61.48%	4.781%
6	7.357	893	896	914	rBV	470103	578719	49.31%	3.834%
7	8.075	1015	1018	1043	rBV	202796	331569	28.25%	2.197%
8	9.151	1197	1201	1213	rBV	1172953	1143659	97.44%	7.577%
9	9.545	1265	1268	1277	rBV	98535	99425	8.47%	0.659%
10	9.692	1290	1293	1297	rBV	21318	21779	1.86%	0.144%
11	9.828	1312	1316	1321	rBV	425188	409475	34.89%	2.713%
12	10.380	1405	1410	1417	rBV	45008	47563	4.05%	0.315%
13	10.622	1447	1451	1462	rBV	714970	727397	61.98%	4.819%
14	10.739	1467	1471	1474	rBV	10927	15103	1.29%	0.100%
15	10.927	1500	1503	1506	rBV4	12031	13492	1.15%	0.089%
16	11.175	1540	1545	1547	rBV3	18665	19357	1.65%	0.128%
17	11.216	1549	1552	1556	rVB2	21733	23788	2.03%	0.158%
18	11.316	1566	1569	1571	rBV	438135	404079	34.43%	2.677%
19	11.339	1571	1573	1579	rVV	354330	345556	29.44%	2.289%
20	11.398	1579	1583	1587	rVB	53785	60092	5.12%	0.398%
21	11.557	1607	1610	1615	rBV2	21707	29221	2.49%	0.194%
22	11.822	1651	1655	1656	rBV	56049	52739	4.49%	0.349%
23	11.845	1656	1659	1665	rVV2	152856	184793	15.74%	1.224%
24	11.898	1665	1668	1671	rVV	26574	33738	2.87%	0.224%
25	11.933	1671	1674	1676	rVV	124283	129015	10.99%	0.855%
26	11.957	1676	1678	1681	rVB	48461	41251	3.51%	0.273%
27	12.051	1692	1694	1701	rVB7	35179	33958	2.89%	0.225%
28	12.110	1701	1704	1707	rBV	41358	40348	3.44%	0.267%
29	12.151	1710	1711	1716	rVB4	15921	19917	1.70%	0.132%
30	12.263	1726	1730	1733	rVB4	16853	18024	1.54%	0.119%
31	12.298	1733	1736	1738	rBV2	18283	16197	1.38%	0.107%
32	12.321	1738	1740	1745	rVB2	12802	14627	1.25%	0.097%
33	12.369	1745	1748	1751	rBV	51313	49498	4.22%	0.328%
34	12.398	1751	1753	1757	rVV3	23126	34206	2.91%	0.227%

LSC Area Percent Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

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

35	12.469	1760	1765	1768	rBV3	23058	35869	3.06%	0.238%
36	12.533	1772	1776	1780	rBV	804707	696572	59.35%	4.615%
37	12.563	1780	1781	1785	rVV4	20843	23481	2.00%	0.156%
38	12.627	1789	1792	1798	rVB2	72339	78708	6.71%	0.521%
39	12.686	1798	1802	1804	rBV	36926	35452	3.02%	0.235%
40	12.763	1809	1815	1821	rBV	616424	675125	57.52%	4.473%
41	12.816	1821	1824	1828	rVB2	35153	42837	3.65%	0.284%
42	12.898	1831	1838	1842	rBV	1240743	1173683	100.00%	7.776%
43	12.927	1842	1843	1847	rVB2	20432	17406	1.48%	0.115%
44	12.974	1847	1851	1856	rBV5	38300	66302	5.65%	0.439%
45	13.033	1859	1861	1864	rVB2	22193	17964	1.53%	0.119%
46	13.092	1868	1871	1874	rVV2	97089	99014	8.44%	0.656%
47	13.121	1874	1876	1879	rVV3	27964	26377	2.25%	0.175%
48	13.157	1879	1882	1884	rVV	87539	73989	6.30%	0.490%
49	13.198	1886	1889	1896	rVB3	53906	72041	6.14%	0.477%
50	13.286	1902	1904	1907	rBV2	30589	31146	2.65%	0.206%
51	13.321	1907	1910	1914	rVV2	30542	35351	3.01%	0.234%
52	13.468	1932	1935	1936	rBV3	18311	14264	1.22%	0.095%
53	13.516	1941	1943	1945	rVB2	19688	14850	1.27%	0.098%
54	13.580	1950	1954	1956	rBV5	20195	24783	2.11%	0.164%
55	13.610	1956	1959	1962	rVB	34194	34441	2.93%	0.228%
56	13.716	1973	1977	1979	rBV	55709	71510	6.09%	0.474%
57	13.733	1979	1980	1983	rVV	45510	38525	3.28%	0.255%
58	13.768	1983	1986	1988	rVV	36864	51358	4.38%	0.340%
59	13.798	1988	1991	2000	rVB4	131319	253242	21.58%	1.678%
60	13.963	2011	2019	2021	rBV2	432150	644983	54.95%	4.273%
61	13.986	2021	2023	2031	rVB	234426	253607	21.61%	1.680%
62	14.068	2035	2037	2040	rVB	35963	28493	2.43%	0.189%
63	14.110	2041	2044	2045	rBV2	24908	25596	2.18%	0.170%
64	14.315	2076	2079	2080	rBV	14714	15763	1.34%	0.104%
65	14.351	2080	2085	2088	rVV	54744	66374	5.66%	0.440%
66	14.386	2089	2091	2093	rBV	19810	13391	1.14%	0.089%
67	14.415	2093	2096	2098	rBV	46107	47804	4.07%	0.317%
68	14.680	2139	2141	2143	rBV2	16746	16670	1.42%	0.110%
69	14.710	2144	2146	2149	rVB	32417	31875	2.72%	0.211%
70	14.845	2167	2169	2174	rVB4	35372	41098	3.50%	0.272%
71	14.998	2191	2195	2198	rBV	199583	274781	23.41%	1.821%

LSC Area Percent Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.110	2210	2214	2218	rVB2	46474	75672	6.45%	0.501%
73	15.292	2241	2245	2251	rBV	102089	130324	11.10%	0.863%
74	15.357	2252	2256	2261	rBV	143408	180697	15.40%	1.197%
75	15.415	2261	2266	2270	rBV	229200	313424	26.70%	2.077%
76	15.827	2331	2336	2340	rBV2	35289	53505	4.56%	0.354%
77	15.898	2344	2348	2351	rBV6	33341	59992	5.11%	0.397%
78	16.874	2508	2514	2522	rVB	83149	169460	14.44%	1.123%
79	17.039	2537	2542	2549	rBV8	29403	60464	5.15%	0.401%
80	17.309	2583	2588	2597	rVB	46453	104477	8.90%	0.692%
81	17.551	2626	2629	2639	rVB8	23749	55109	4.70%	0.365%

Sum of corrected areas: 15093473

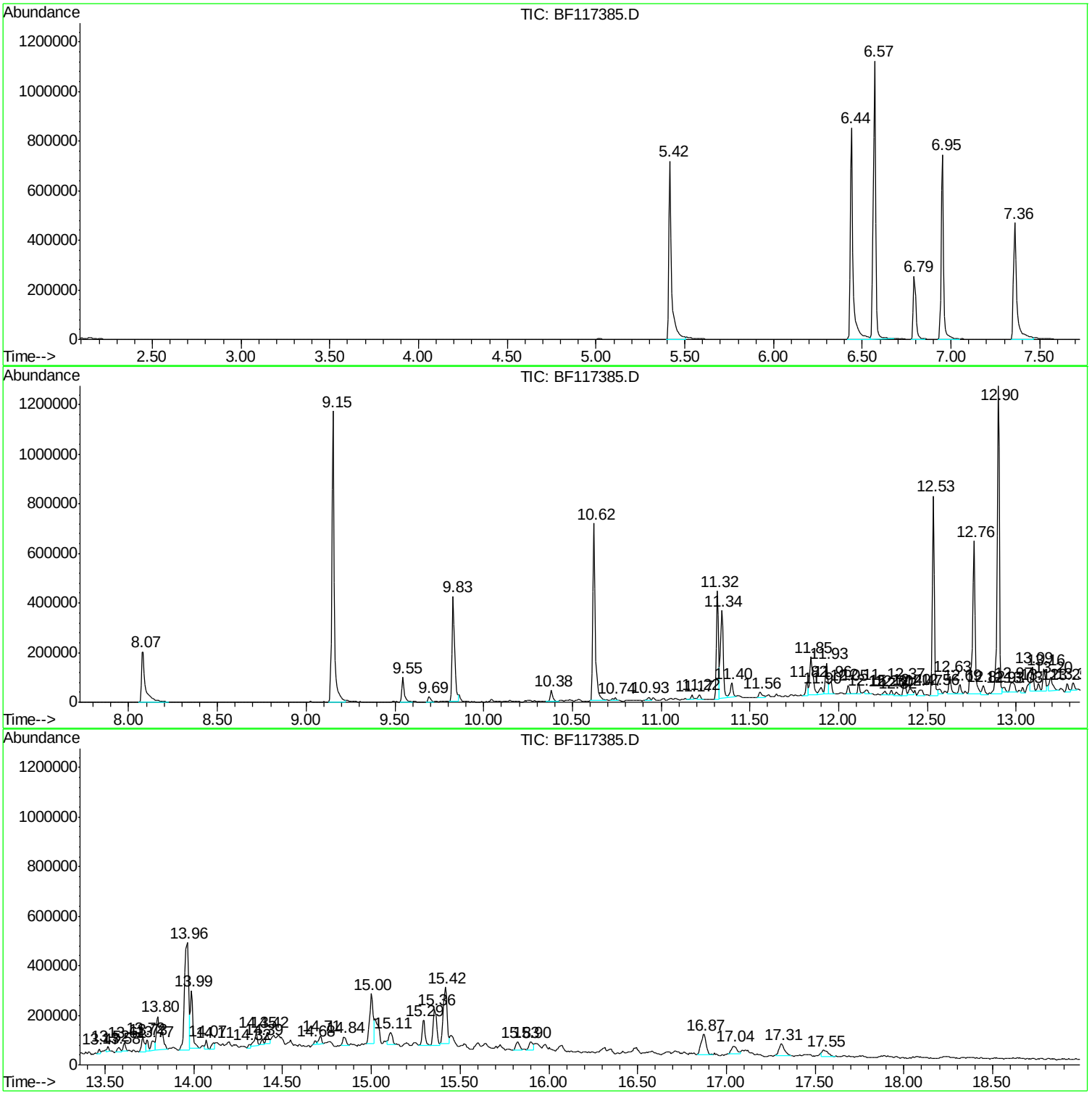
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117385.D
Acq On : 12 Oct 2019 22:50
Operator : JU
Sample : K5316-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

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\
Data File : BF117385.D
Acq On : 12 Oct 2019 22:50
Operator : JU
Sample : K5316-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

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

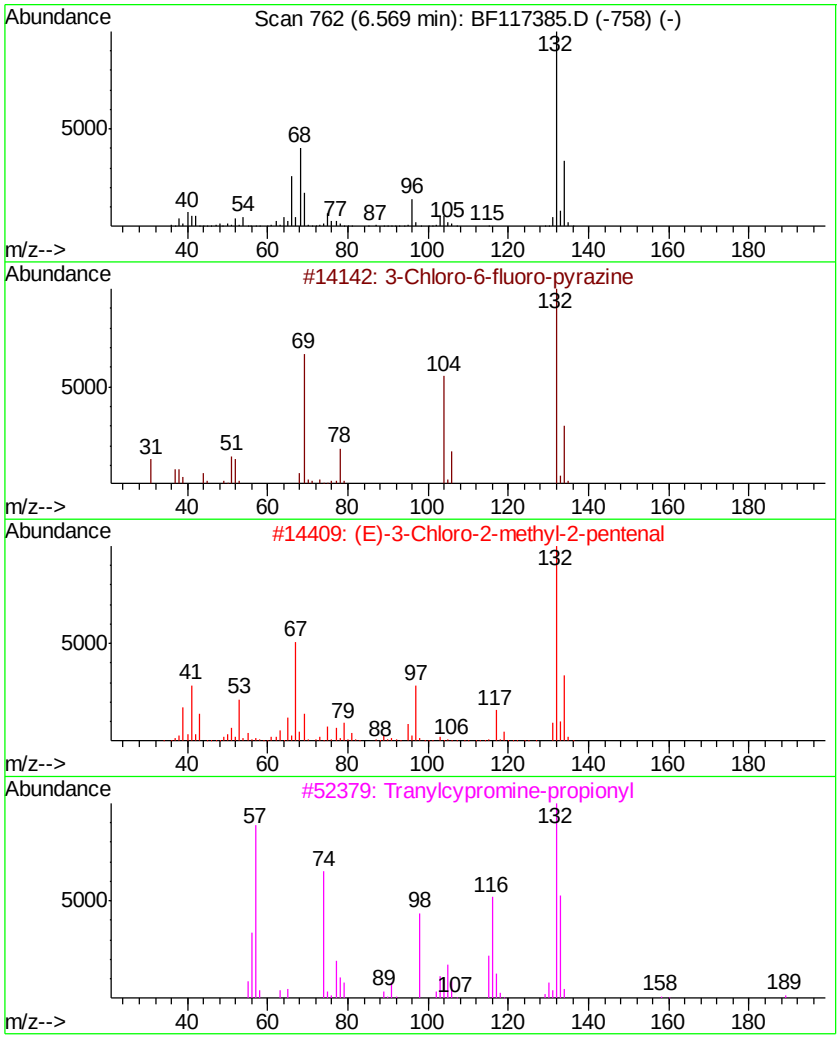
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

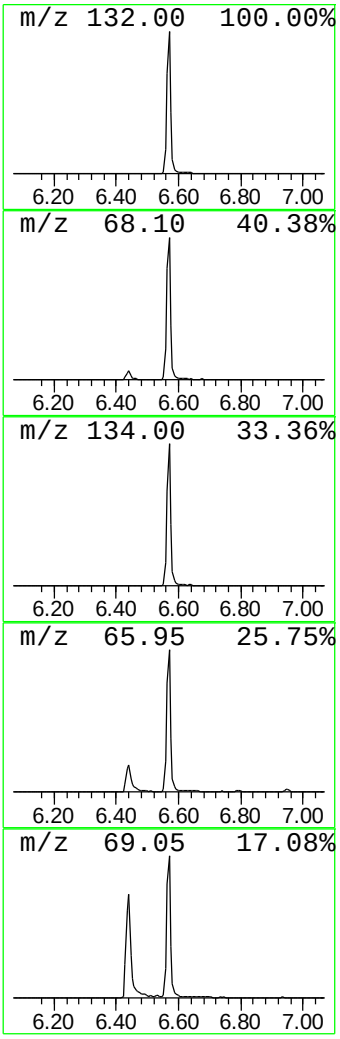
****

Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	84.14 ng	1010500	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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117385.D
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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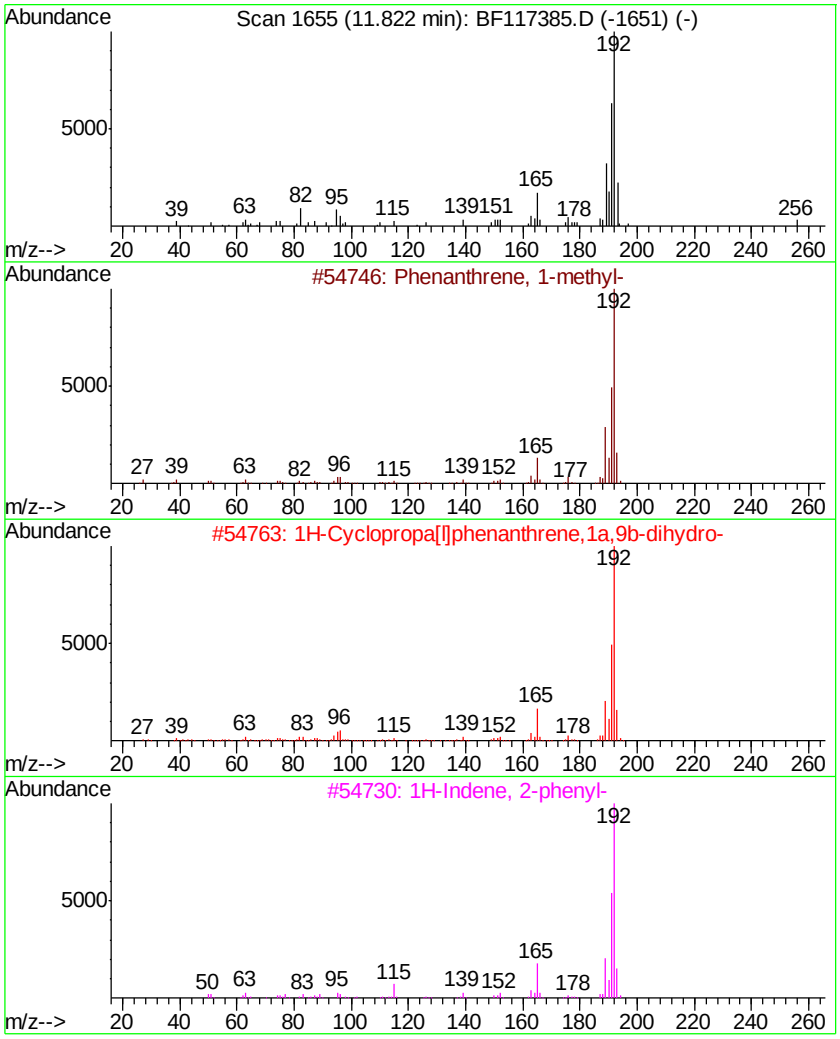
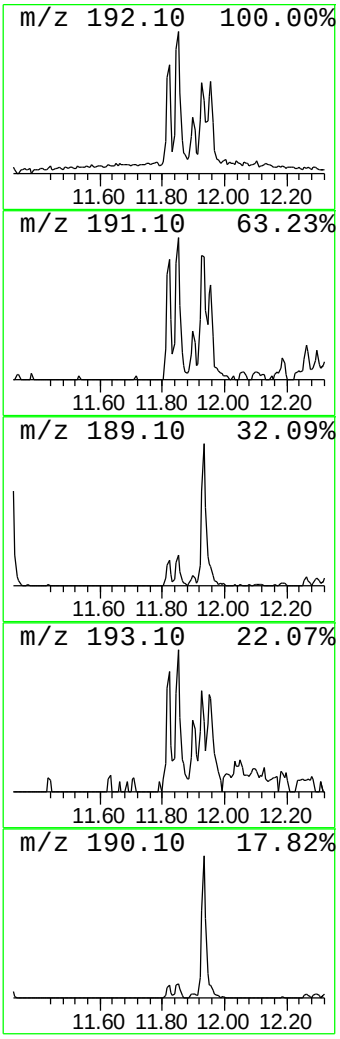
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.61 ng	52739	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
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ALS Vial : 16 Sample Multiplier: 1

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TIC Library : C:\DATABASE\NIST11.L
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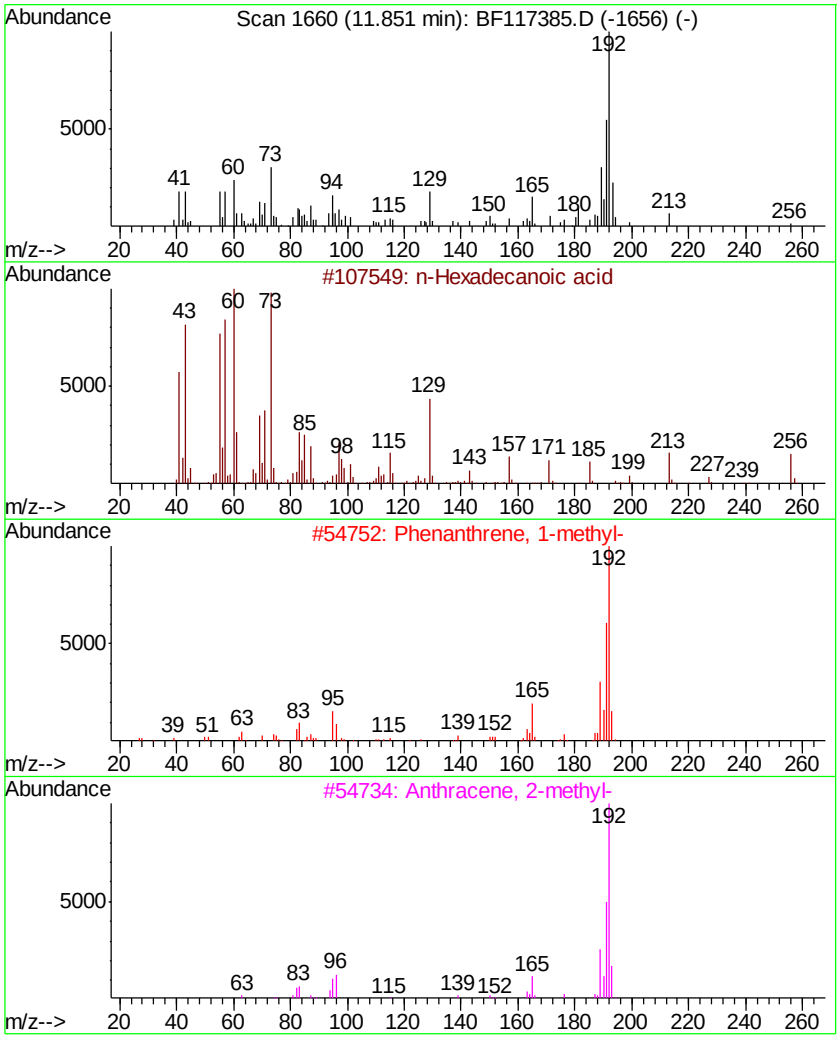
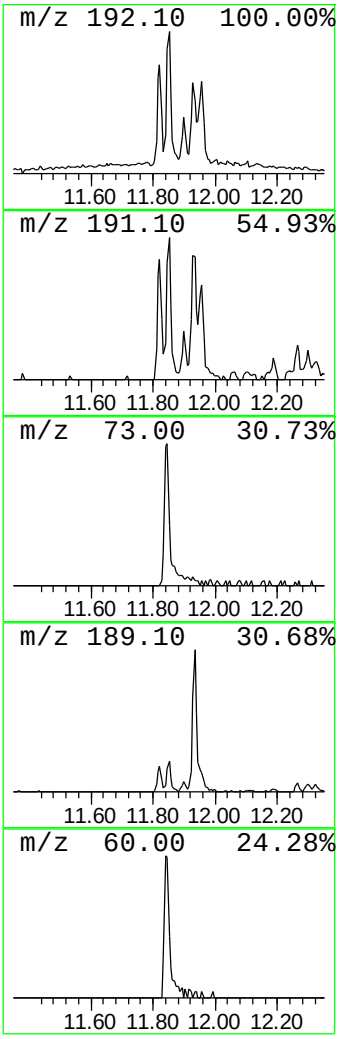
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	9.15 ng	184793	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	45
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
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Instrument : BNA_F
ClientSampleId : TP-8

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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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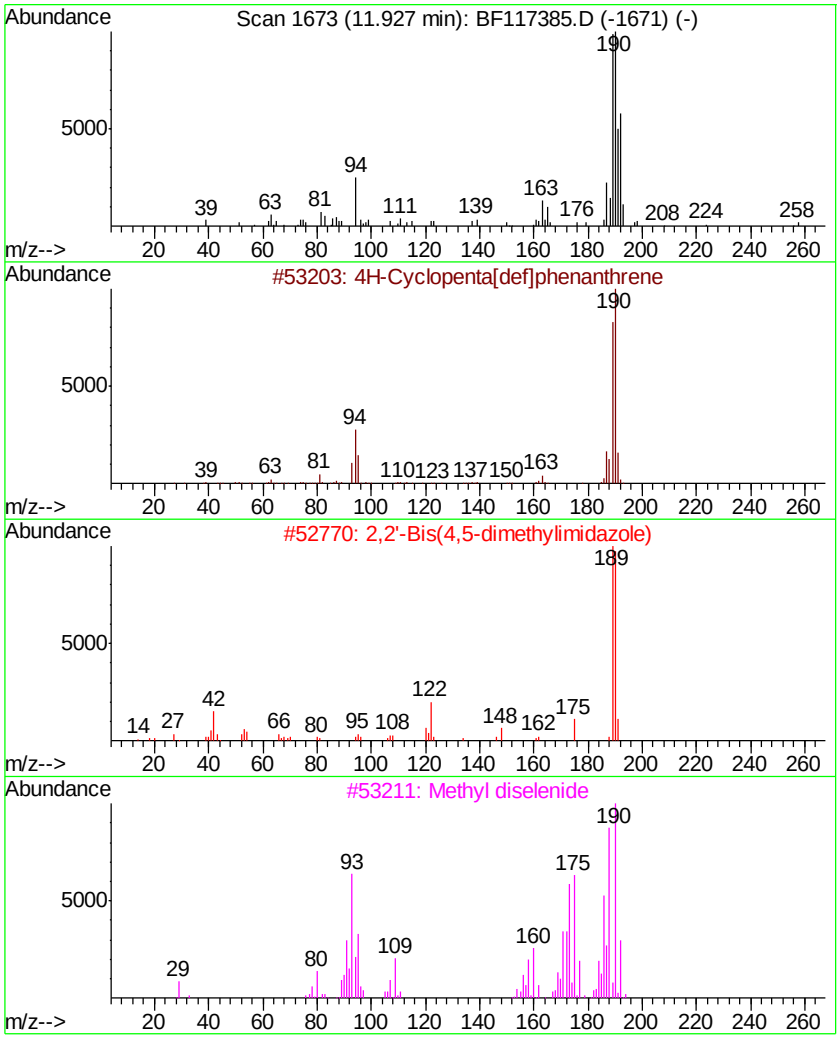
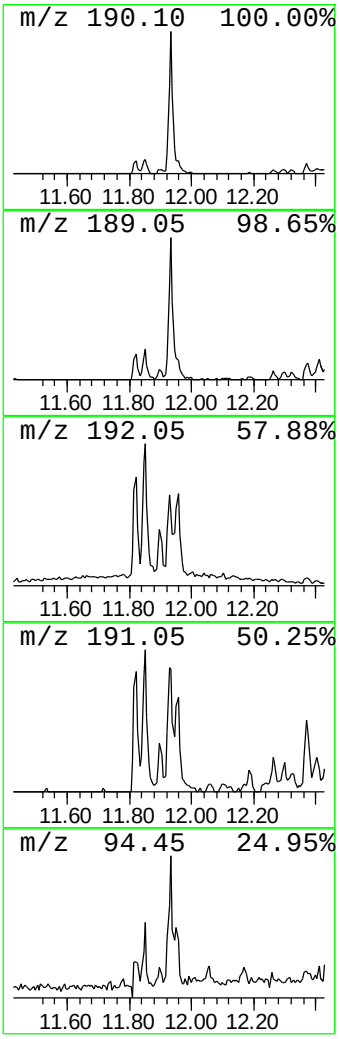
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	6.39 ng	129015	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	32
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

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

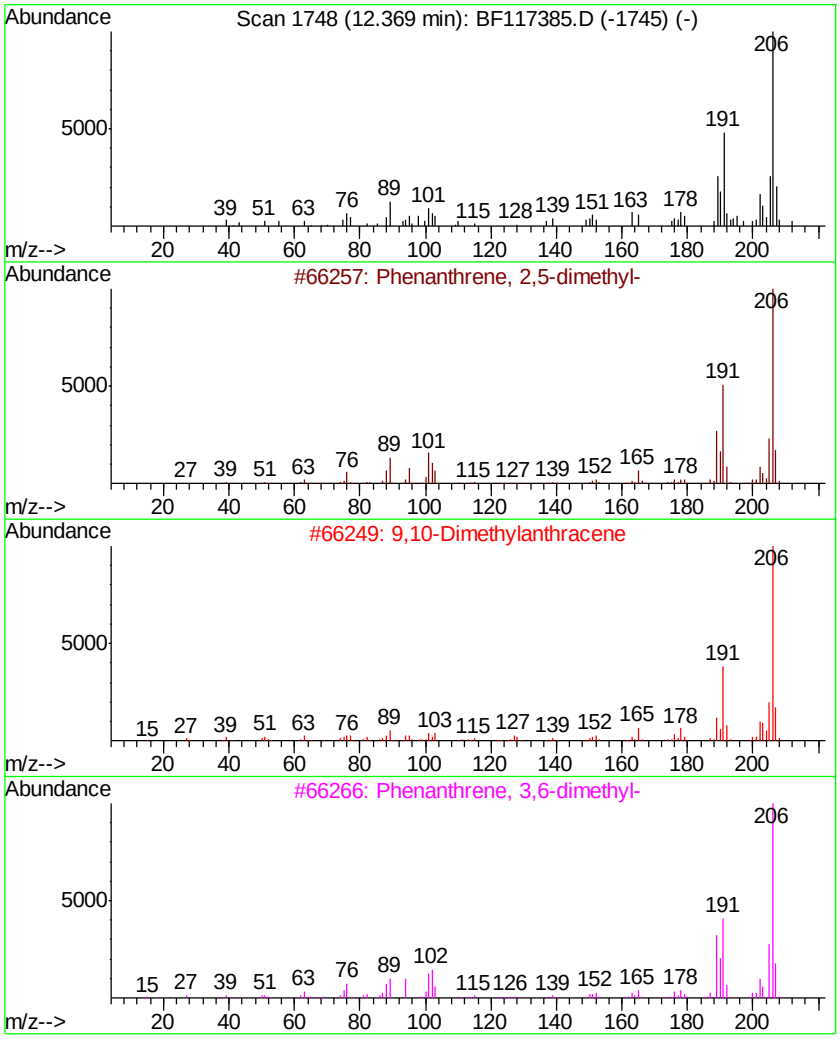
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

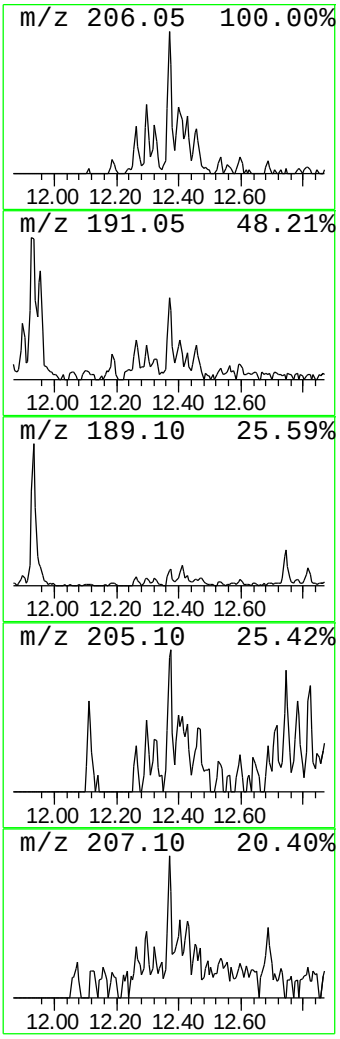
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.45 ng	49498	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	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
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Operator : JU
Sample : K5316-01
Misc :
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Instrument : BNA_F
ClientSampleId : TP-8

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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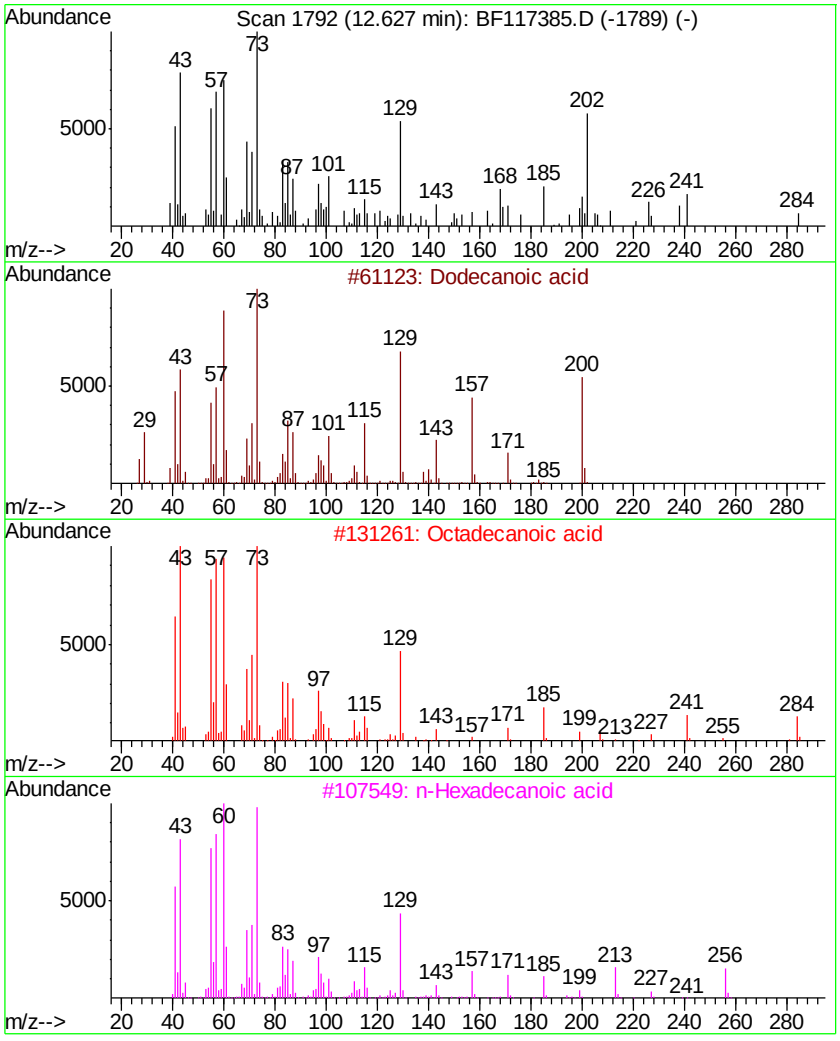
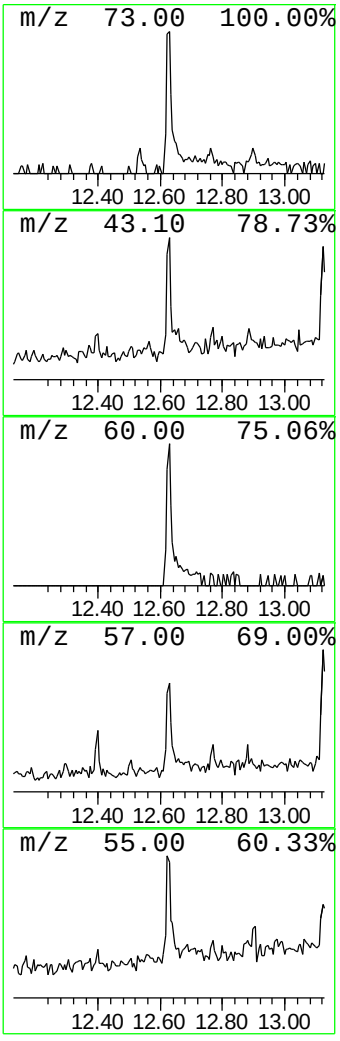
Peak Number 7 Dodecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.90 ng	78708	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	83
2	Octadecanoic acid	284	C18H36O2	000057-11-4	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	46





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Operator : JU
Sample : K5316-01
Misc :
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Instrument : BNA_F
ClientSampleId : TP-8

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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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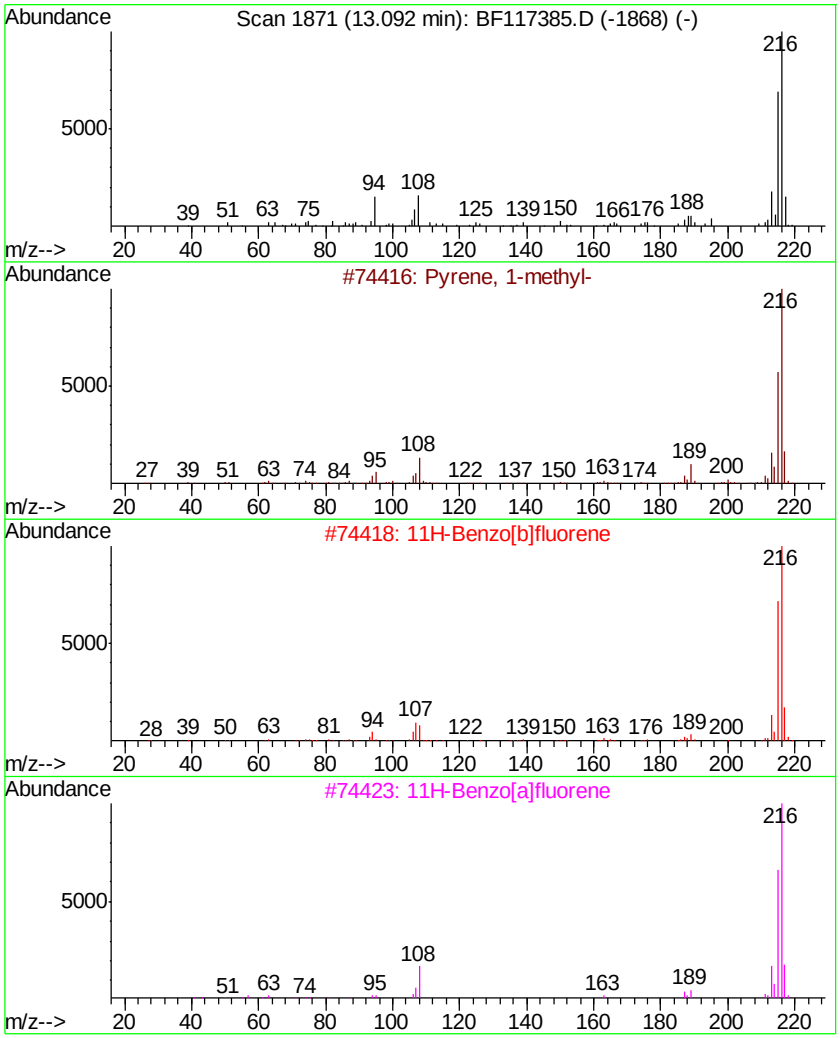
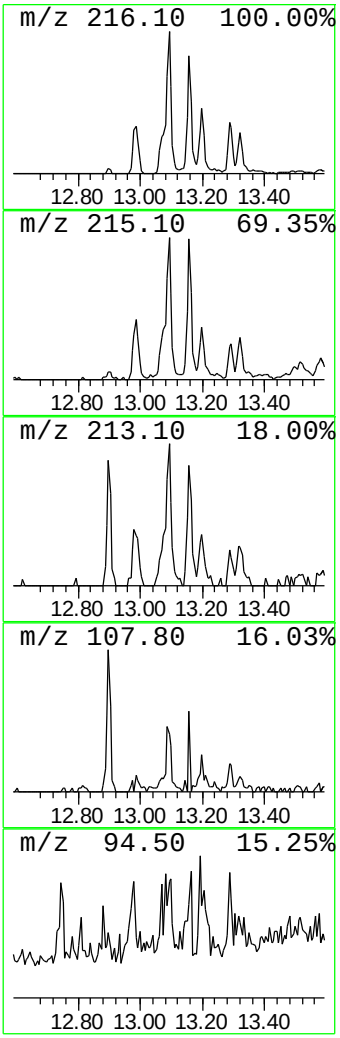
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	3.07 ng	99014	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80





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Instrument : BNA_F
ClientSampleId : TP-8

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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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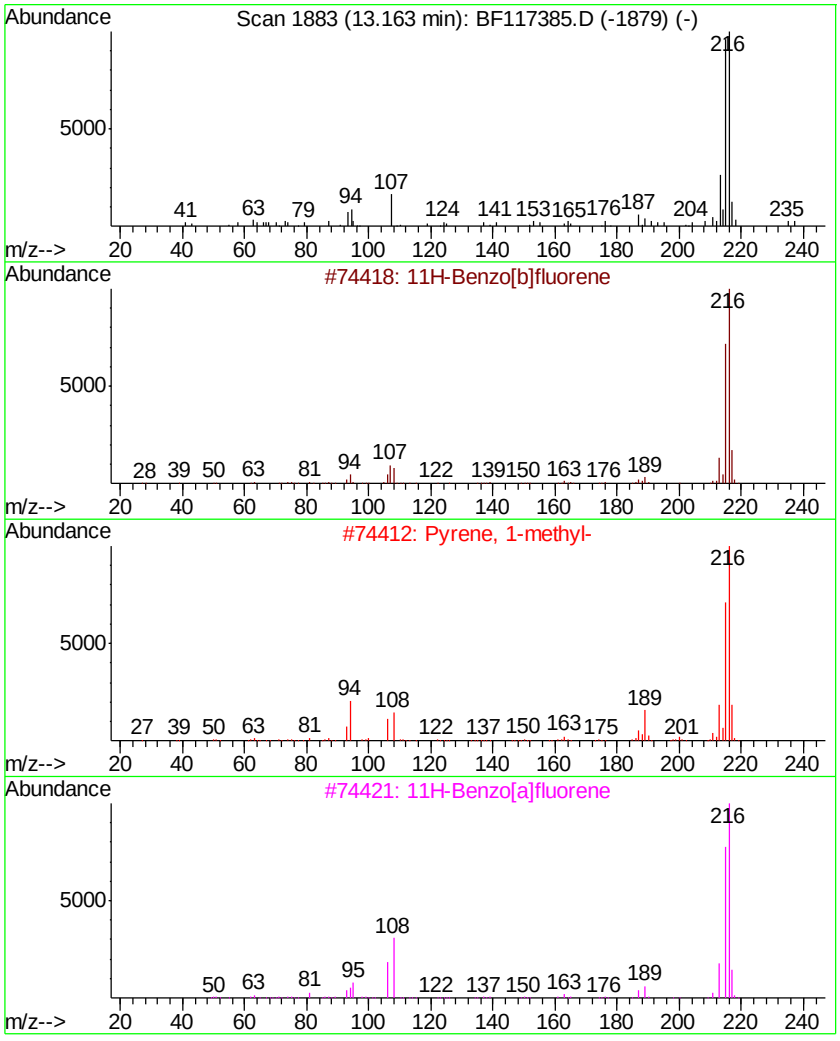
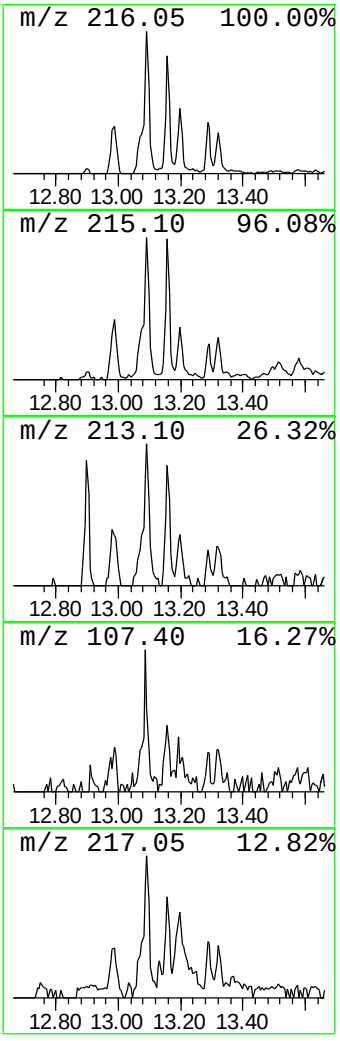
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.29 ng	73989	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	59
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	58





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ClientSampleId : TP-8

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

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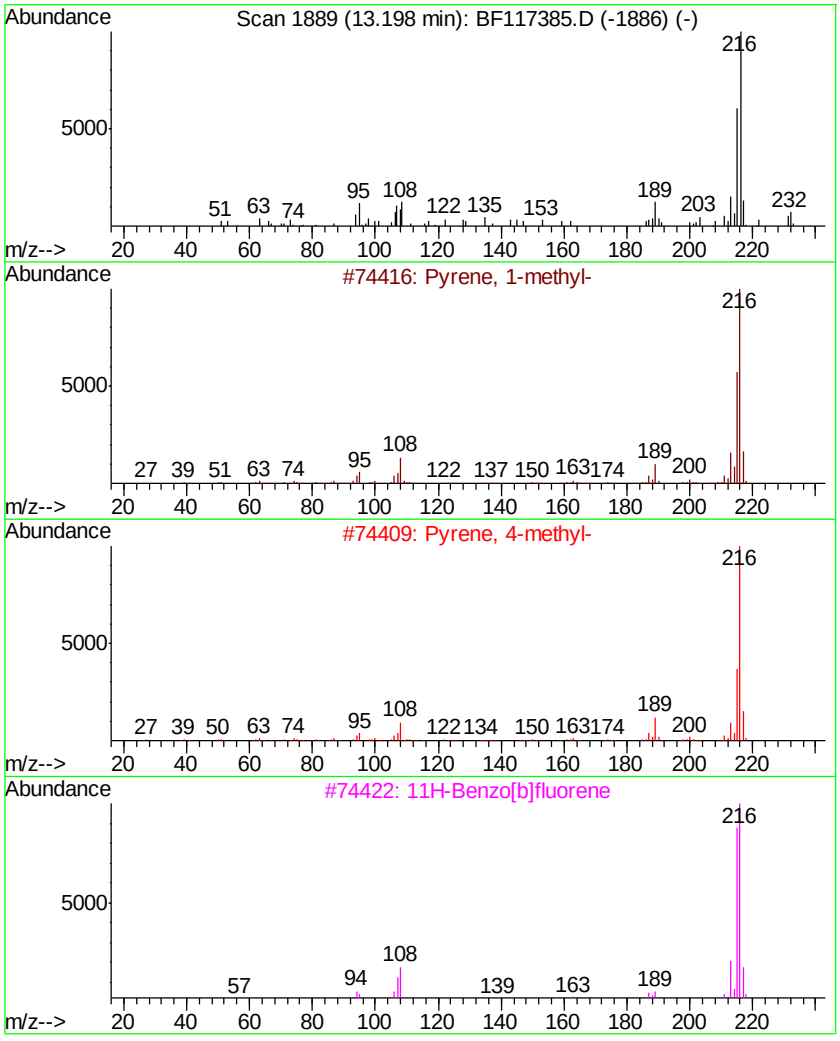
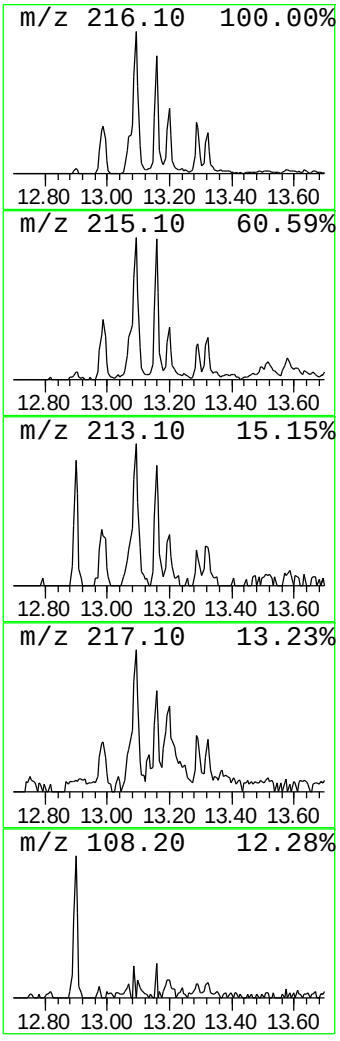
Peak Number 10 Pyrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.23 ng	72041	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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Instrument : BNA_F
ClientSampleId : TP-8

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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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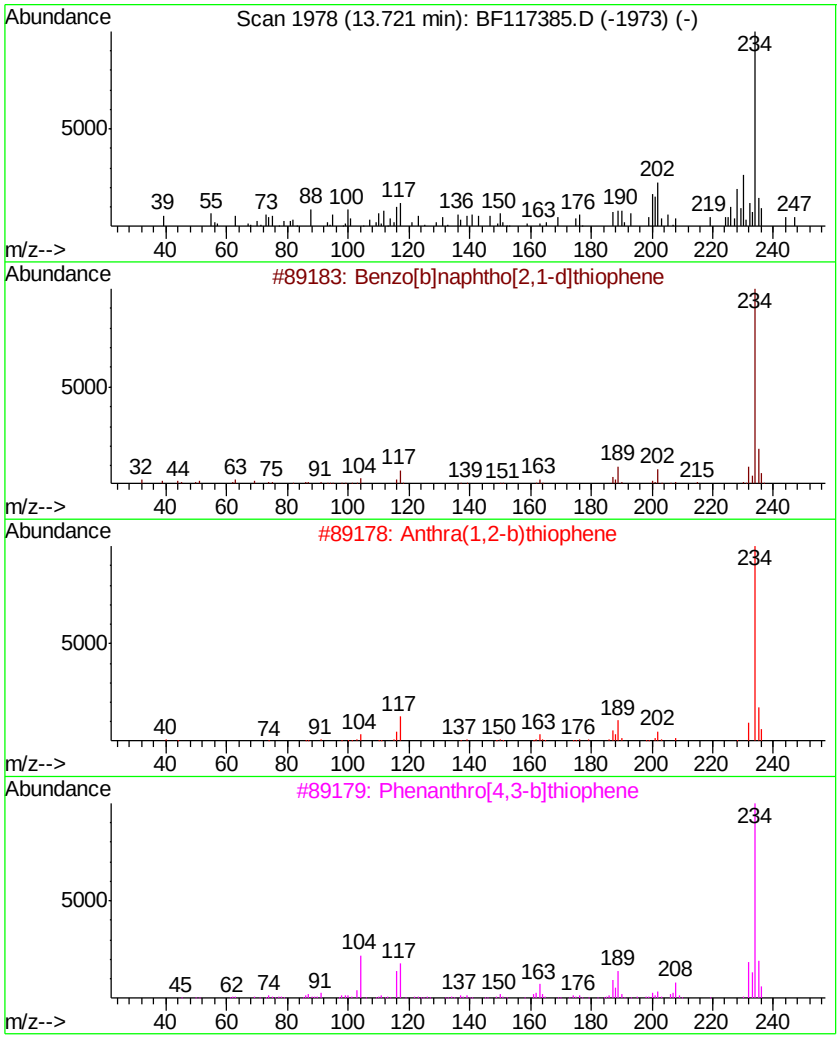
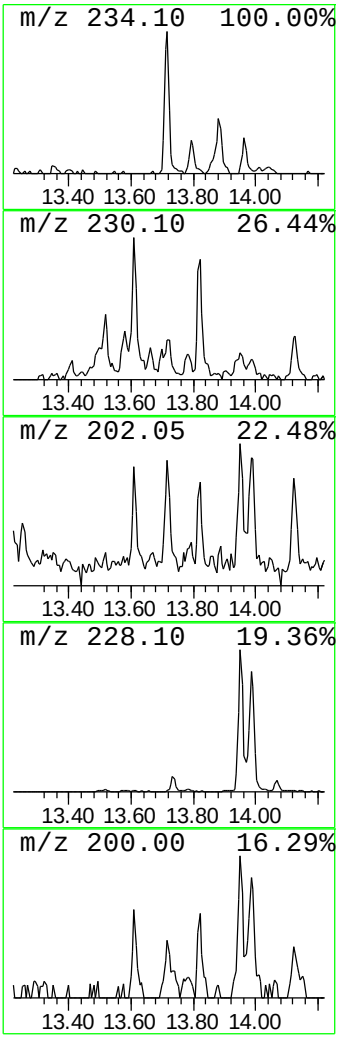
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.22 ng	71510	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	68
3	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	64
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	59
5	2-Thiazolamine, 4-(2,3-dihydro-1...	234	C11H10N2O2S	1000338-20-1	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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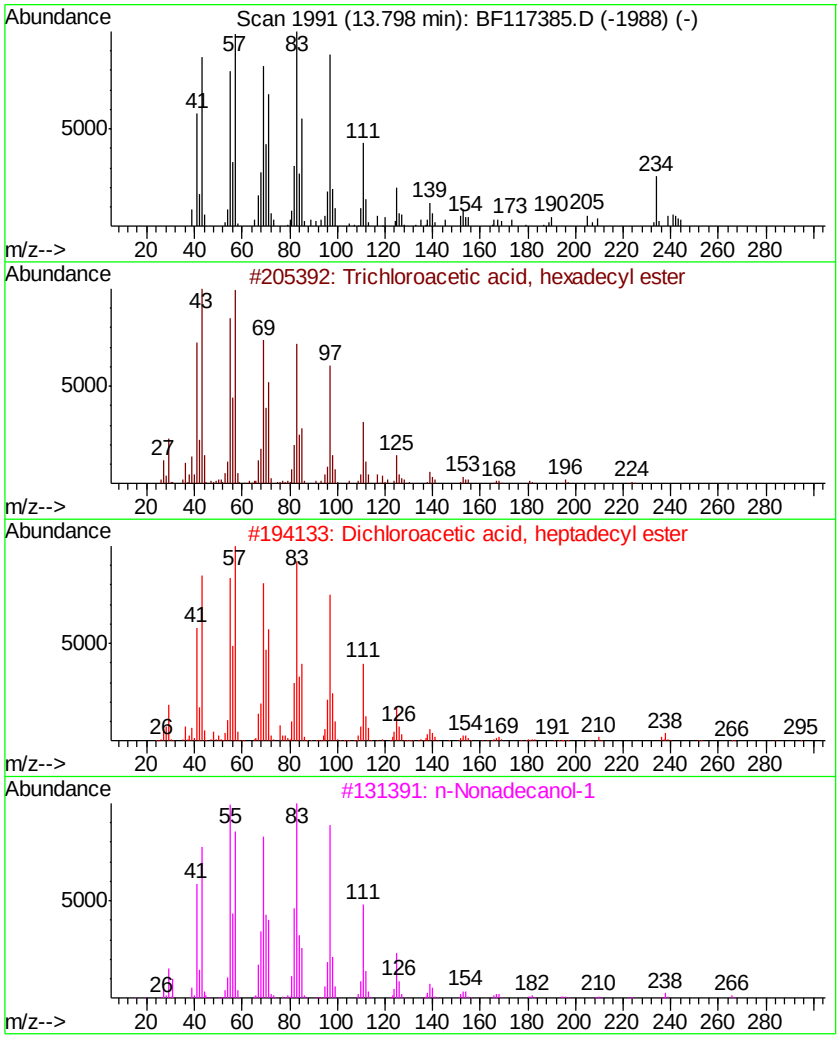
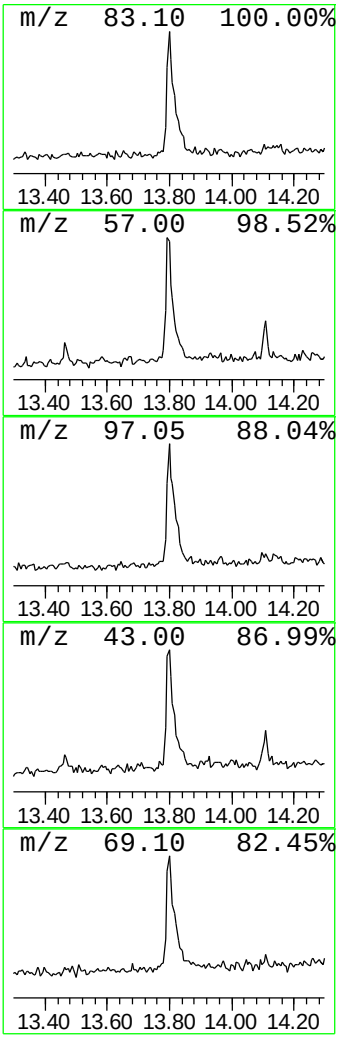
Peak Number 12 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	7.85 ng	253242	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	87
4	1-Heneicosanol	312	C21H44O	015594-90-8	87
5	Behenic alcohol	326	C22H46O	000661-19-8	70





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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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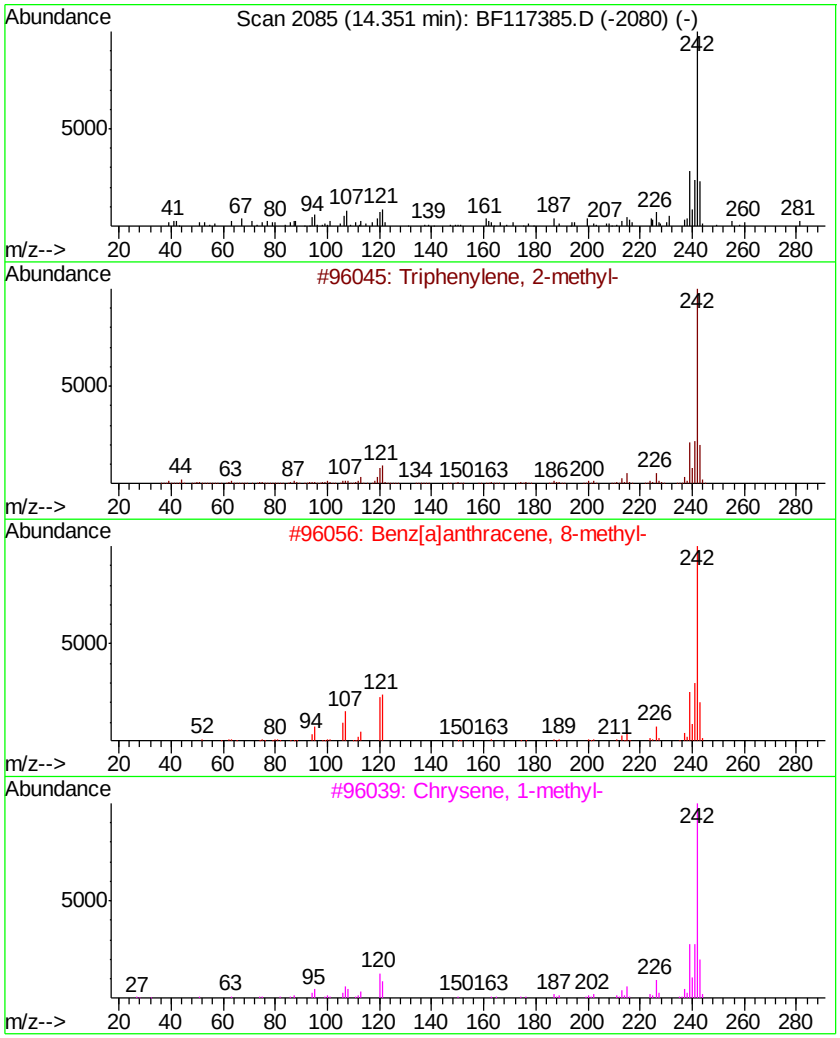
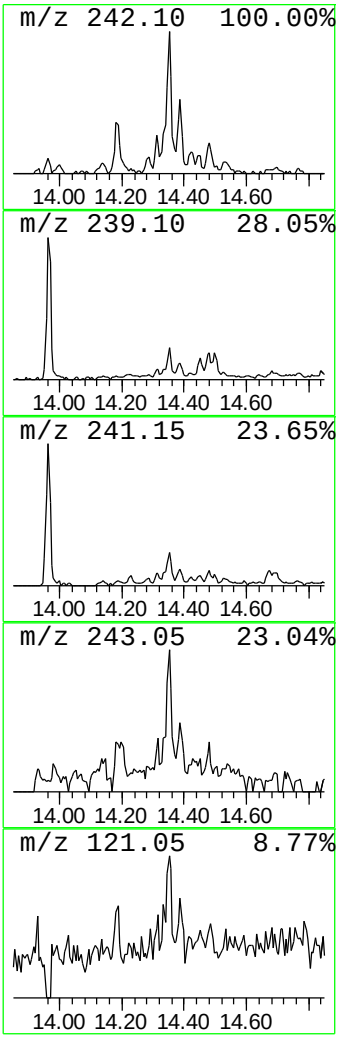
Peak Number 13 Triphenylene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.06 ng	66374	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	91





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

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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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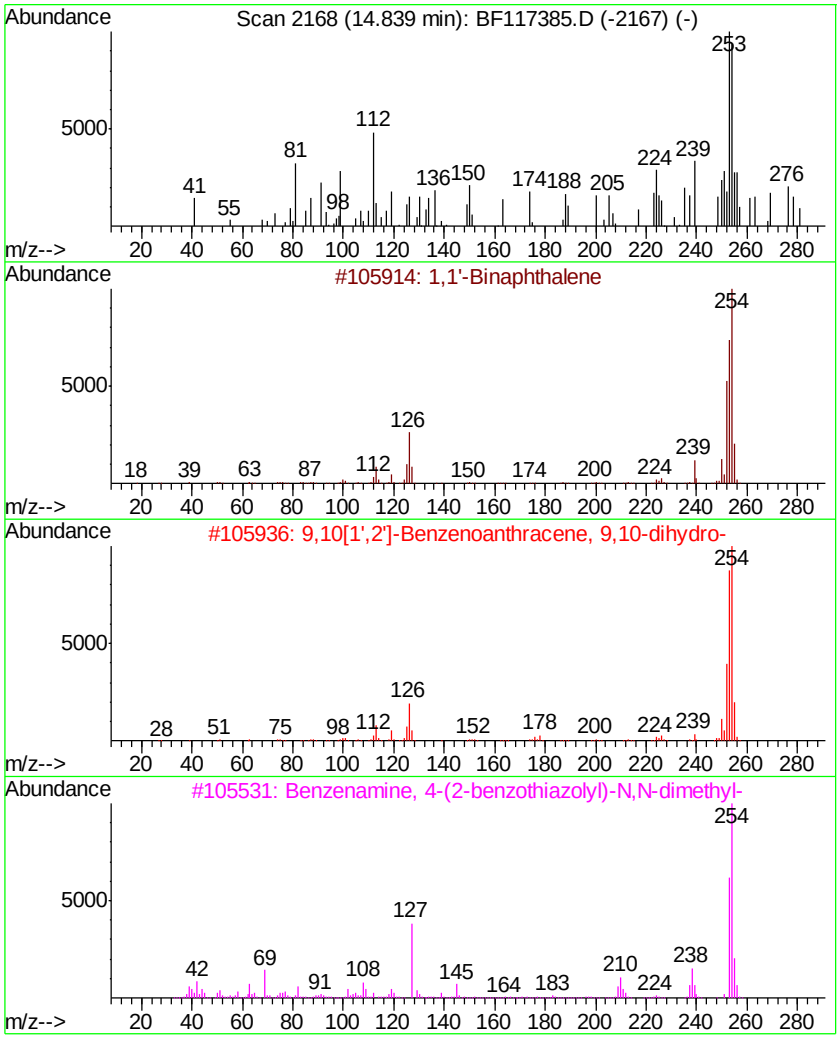
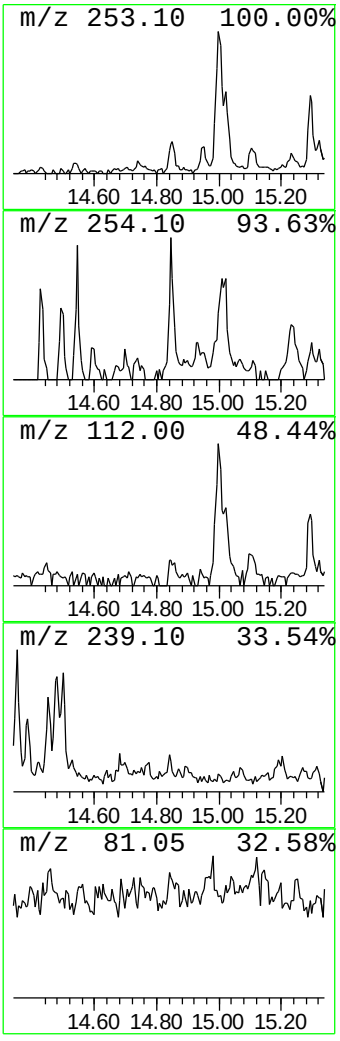
Peak Number 14 1,1'-Binaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.62 ng	41098	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	58
2	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	58
3	Benzenamine, 4-(2-benzothiazolyl...	254	C15H14N2S	010205-56-8	58
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	52
5	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	49





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Instrument : BNA_F
ClientSampleId : TP-8

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

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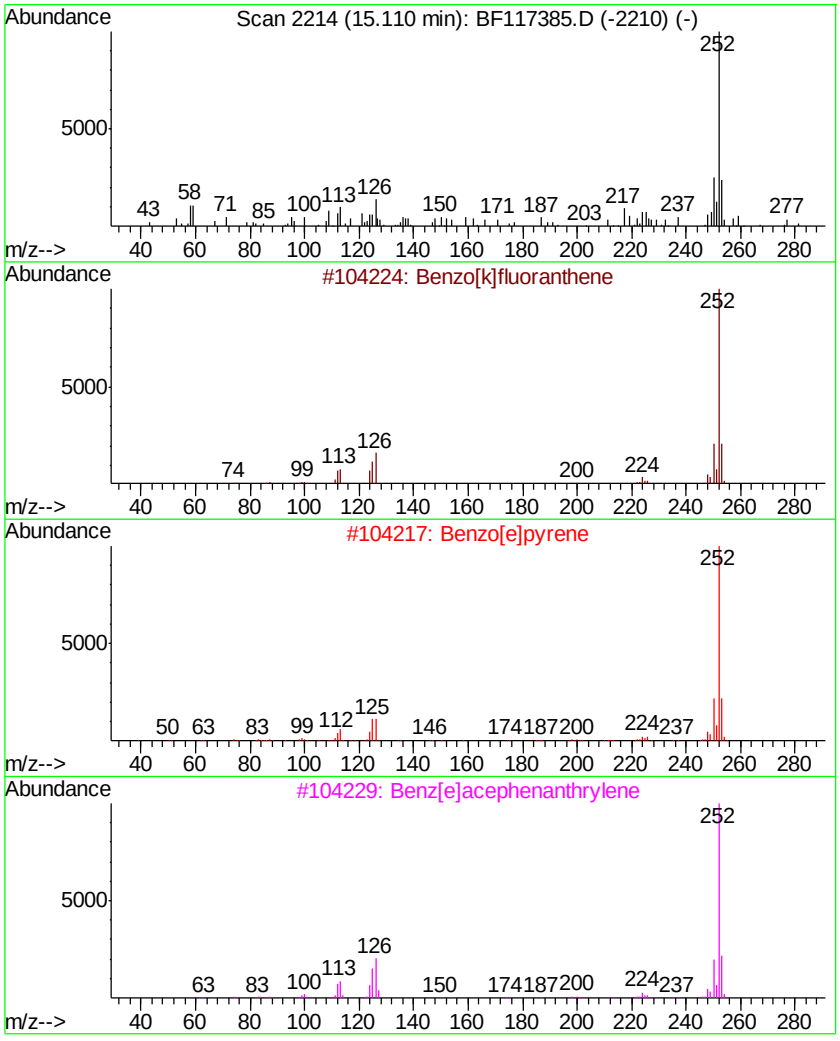
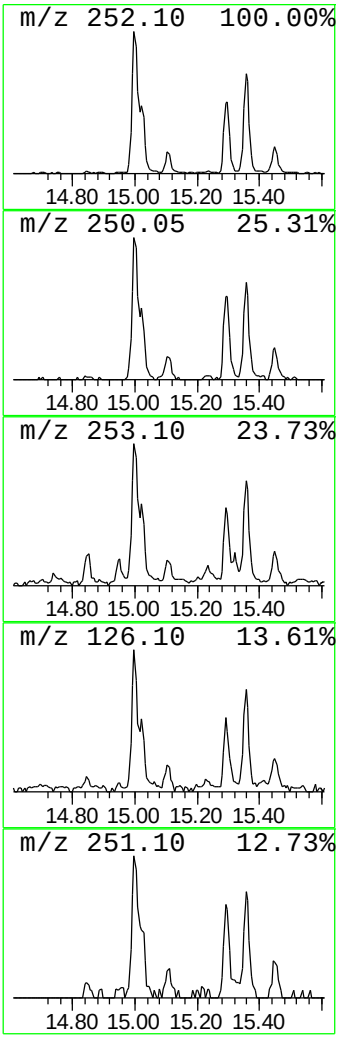
Peak Number 15 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	4.83 ng	75672	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
2	Benzo[e]pyrene	252	C20H12	000192-97-2	70
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	68
4	Benzo[a]pyrene	252	C20H12	000050-32-8	64
5	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	64





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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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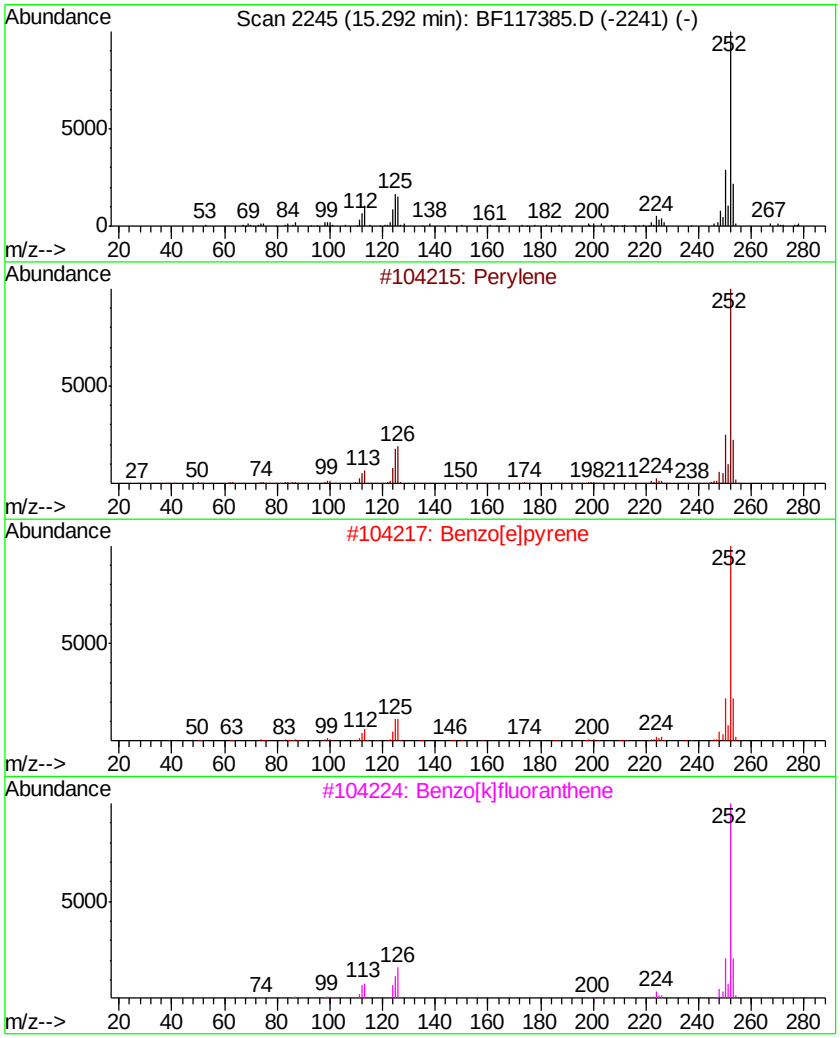
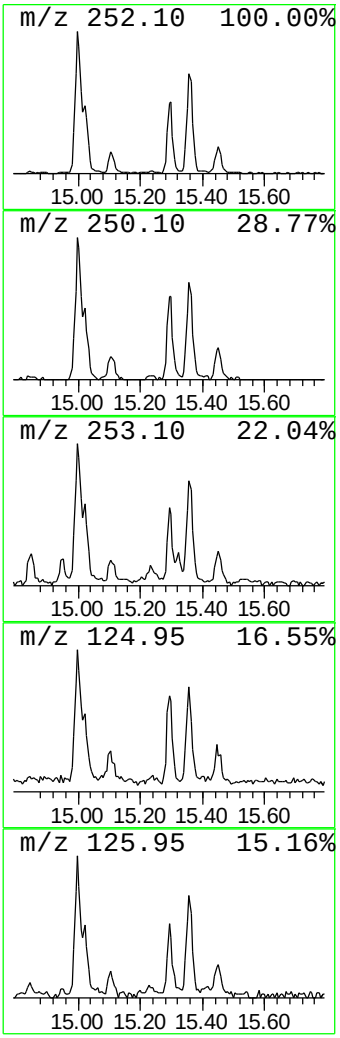
Peak Number 16 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	8.32 ng	130324	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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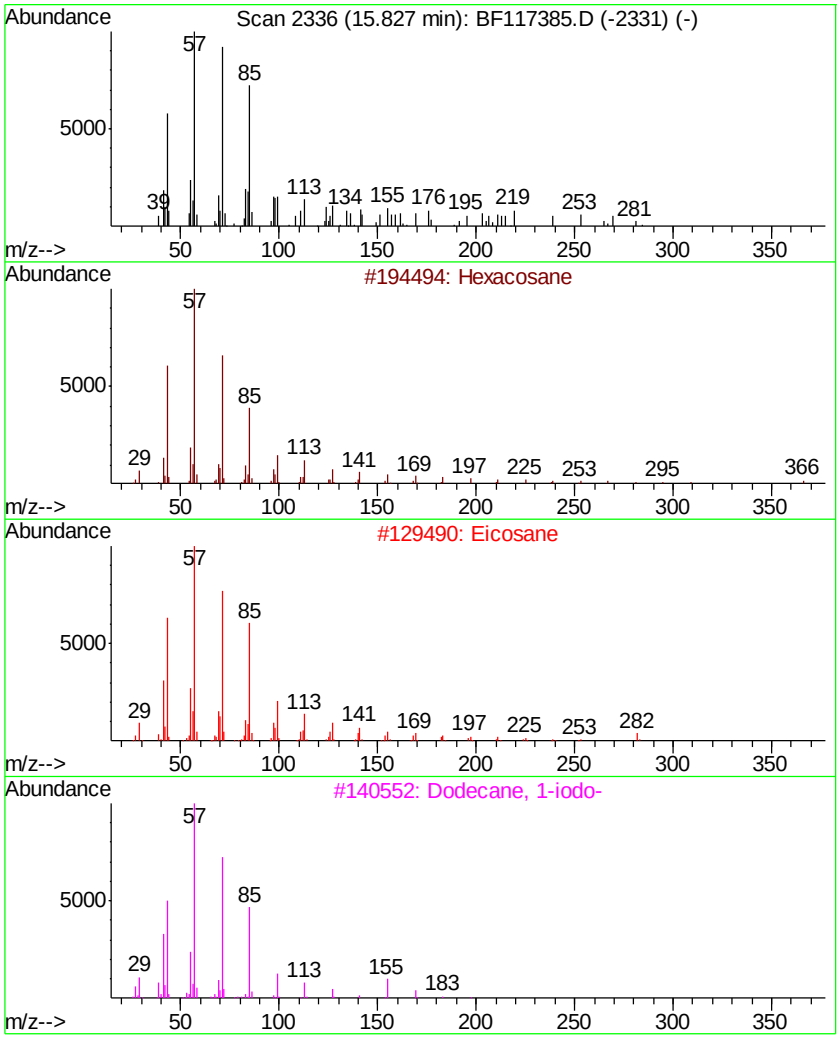
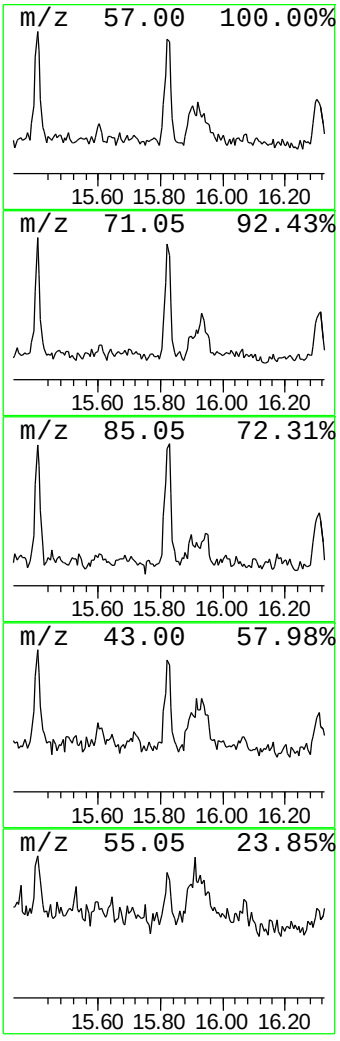
Peak Number 17 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	3.41 ng	53505	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	86
2	Eicosane	282	C20H42	000112-95-8	80
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
5	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	72





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TIC Integration Parameters: LSCINT.P

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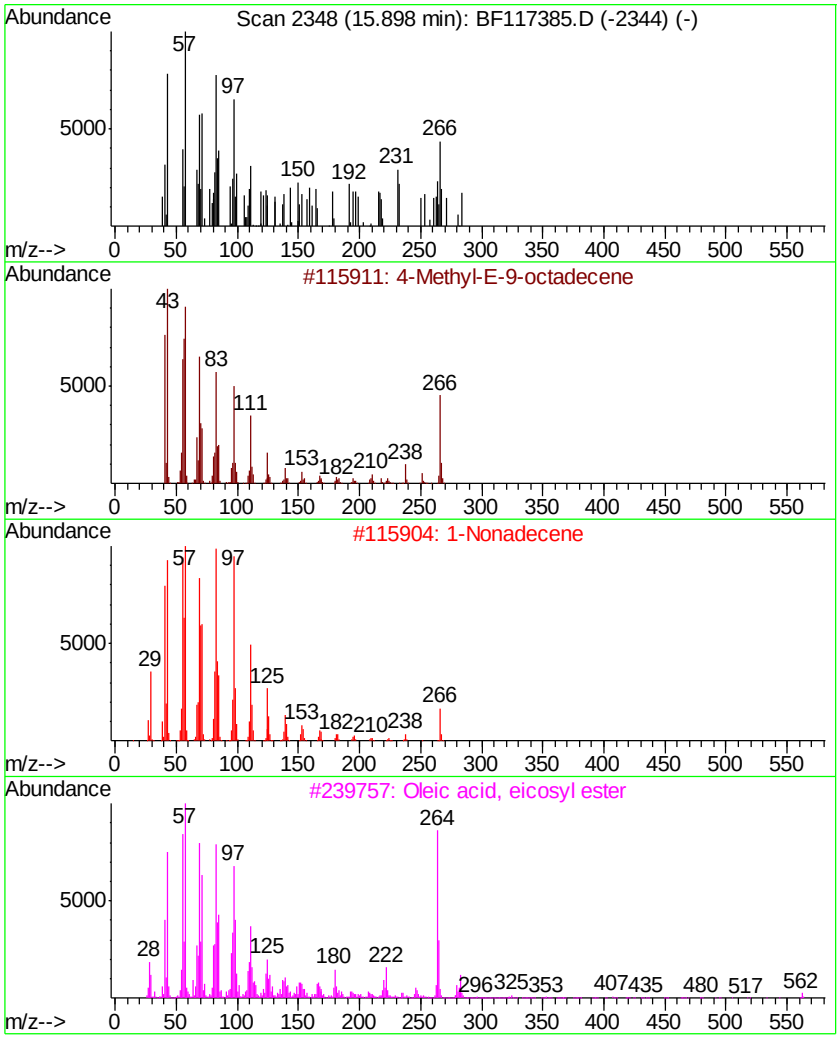
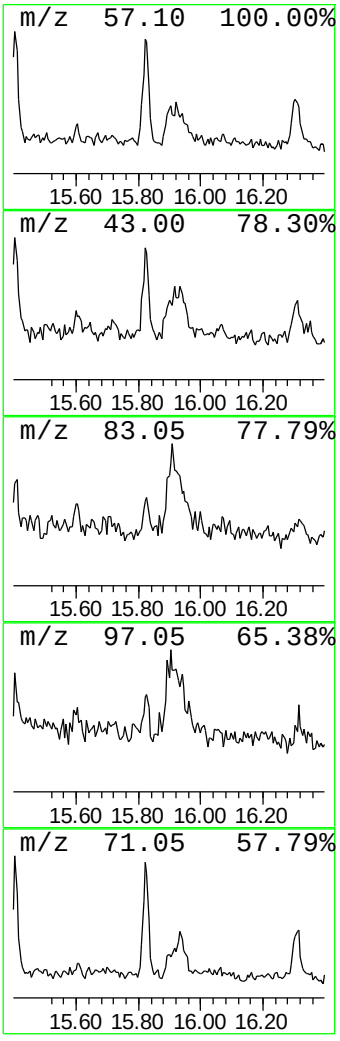
Peak Number 18 4-Methyl-E-9-octadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	3.83 ng	59992	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	50
2	1-Nonadecene	266	C19H38	018435-45-5	49
3	Oleic acid, eicosyl ester	563	C38H74O2	022393-88-0	40
4	Fumaric acid, dodecyl pentafluor...	450	C22H27F5O4	1000348-10-4	35
5	9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	32





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-8

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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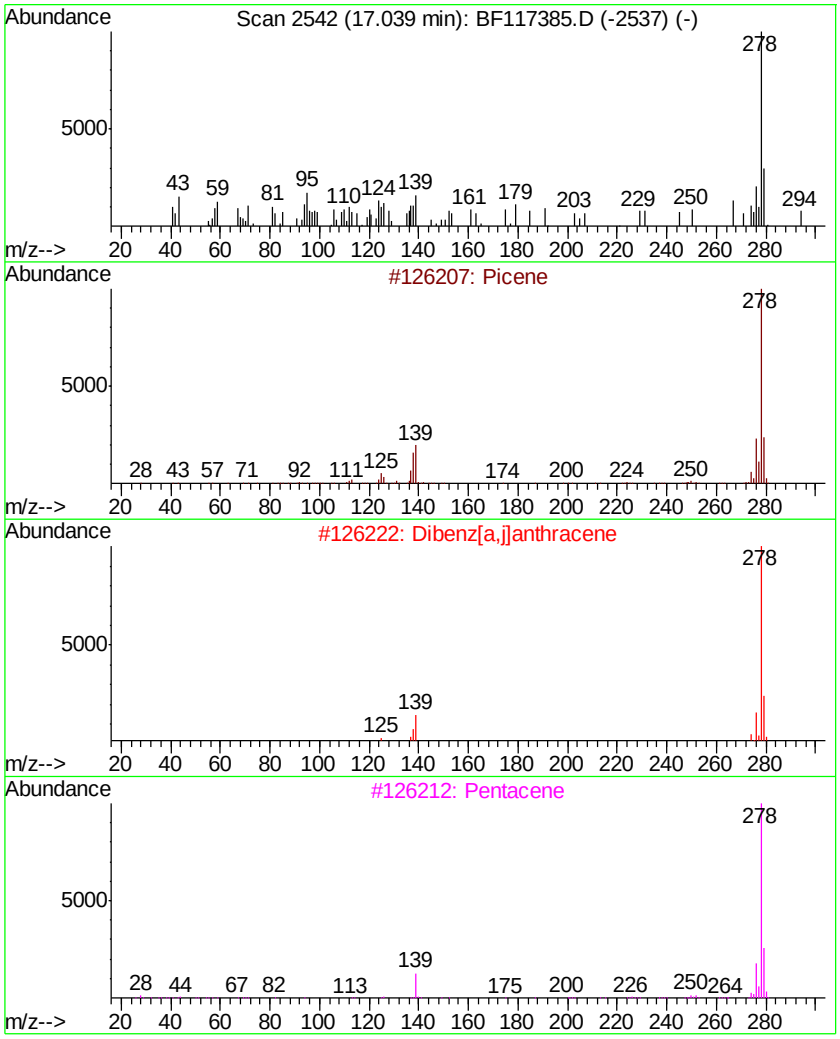
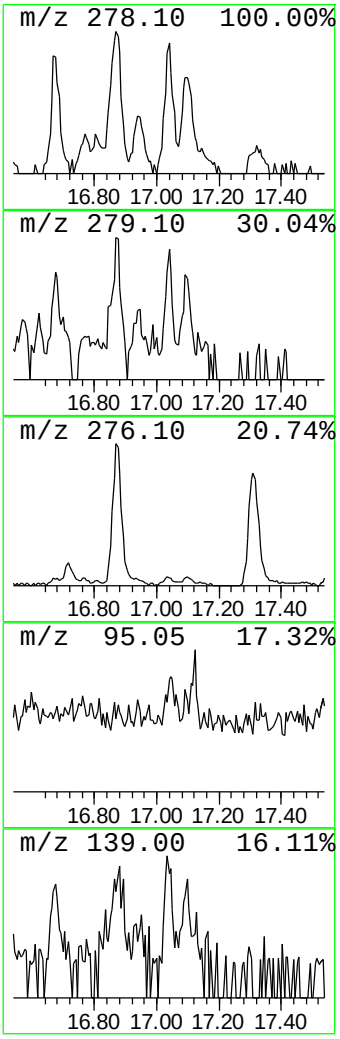
Peak Number 19 Picene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	3.86 ng	60464	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	64
2	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	58
3	Pentacene	278	C22H14	000135-48-8	58
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	58
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117385.D
Acq On : 12 Oct 2019 22:50
Operator : JU
Sample : K5316-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

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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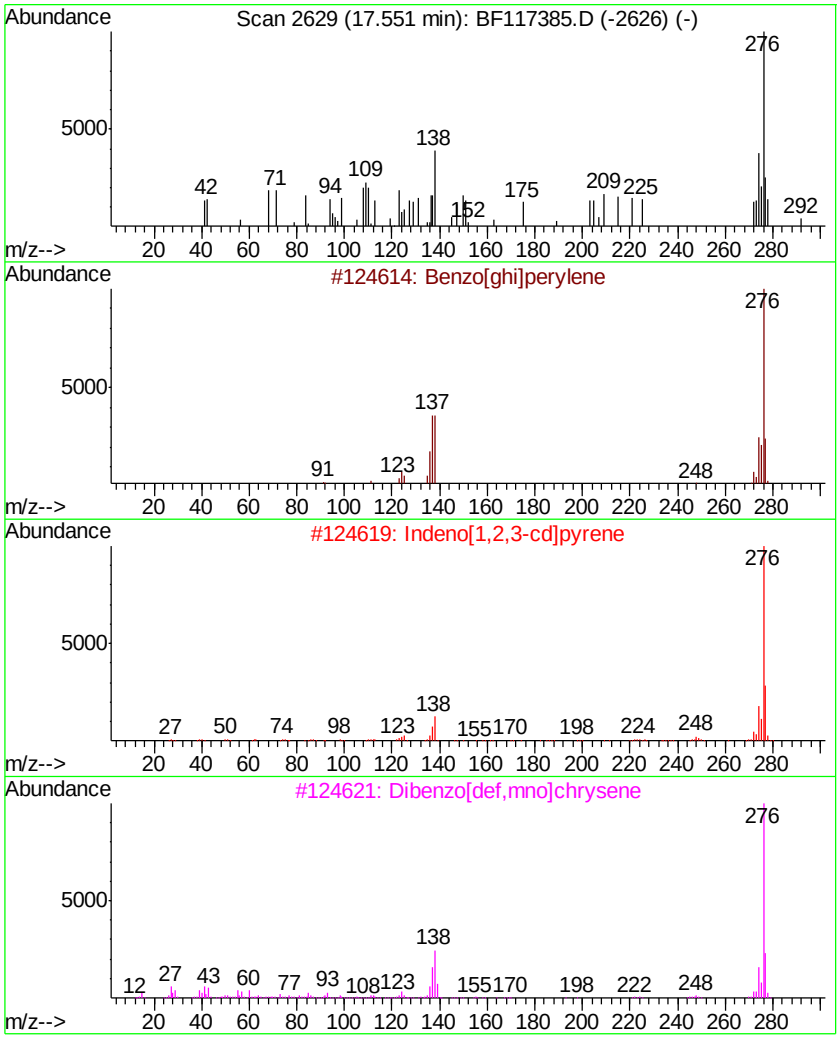
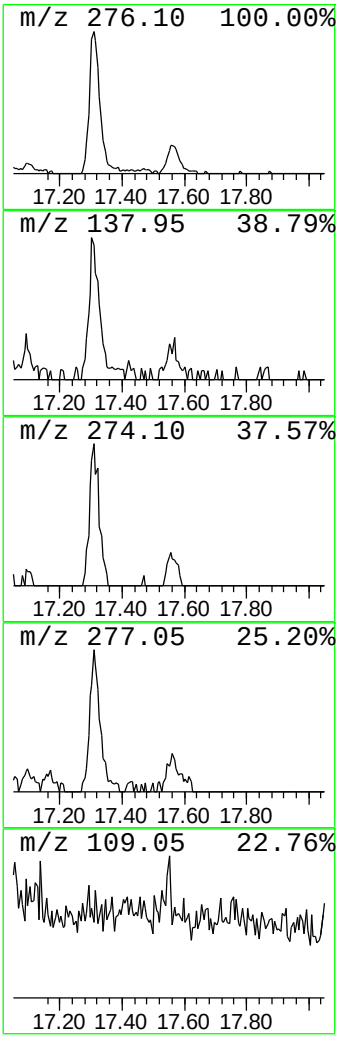
Peak Number 20 unknown17.55 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	3.52 ng	55109	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	58
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	47
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	43
4	2-Thiophenecarbaldehyde, 5-[5-(t...	276	C13H8OS3	1000217-28-5	43
5	5H-Thiazolo[3,2-a]pyrimidin-5-on...	276	C13H9ClN2OS	023429-91-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101219\
Data File : BF117385.D
Acq On : 12 Oct 2019 22:50
Operator : JU
Sample : K5316-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

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	84.1	ng	1010500	1	6.79	240182	20.0
Phenanthrene, 1-m...	11.82	2.6	ng	52739	4	11.32	404079	20.0
n-Hexadecanoic acid	11.85	9.2	ng	184793	4	11.32	404079	20.0
4H-Cyclopenta[def...	11.93	6.4	ng	129015	4	11.32	404079	20.0
Phenanthrene, 2,5...	12.37	2.5	ng	49498	4	11.32	404079	20.0
Dodecanoic acid	12.63	3.9	ng	78708	4	11.32	404079	20.0
Pyrene, 1-methyl-	13.09	3.1	ng	99014	5	13.96	644983	20.0
11H-Benzo[b]fluorene	13.16	2.3	ng	73989	5	13.96	644983	20.0
Pyrene, 4-methyl-	13.20	2.2	ng	72041	5	13.96	644983	20.0
Benzo[b]naphtho[2...	13.72	2.2	ng	71510	5	13.96	644983	20.0
Trichloroacetic a...	13.80	7.8	ng	253242	5	13.96	644983	20.0
Triphenylene, 2-m...	14.35	2.1	ng	66374	5	13.96	644983	20.0
1,1'-Binaphthalene	14.84	2.6	ng	41098	6	15.42	313424	20.0
Benzo[e]pyrene	15.11	4.8	ng	75672	6	15.42	313424	20.0
Perylene	15.29	8.3	ng	130324	6	15.42	313424	20.0
Hexacosane	15.83	3.4	ng	53505	6	15.42	313424	20.0
4-Methyl-E-9-octa...	15.90	3.8	ng	59992	6	15.42	313424	20.0
Picene	17.04	3.9	ng	60464	6	15.42	313424	20.0
unknown17.55	17.55	3.5	ng	55109	6	15.42	313424	20.0