LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117725.D
Acq On : 8 Nov 2019 00:28
Operator : JU
Sample : K5722-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-C

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-BF110619.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	2.216	17	22	30	rVB	1056528	1365370	24.50%	1.121%
2	5.146	515	520	528	rVB	1002701	1089991	19.56%	0.895%
3	5.540	583	587	591	rBV	4311175	4076161	73.15%	3.347%
4	6.545	753	758	763	rBV	4861147	4579313	82.18%	3.760%
5	6.698	780	784	787	rBV	5144400	4577547	82.15%	3.759%
6	6.934	820	824	827	rBV	2327036	1786484	32.06%	1.467%
7	7.093	847	851	854	rBV	4211621	3652310	65.55%	2.999%
8	7.492	914	919	922	rBV	3328410	2830718	50.80%	2.325%
9	7.745	958	962	967	rVB	481870	383225	6.88%	0.315%
10	7.945	988	996	998	rBV	363855	460858	8.27%	0.378%
11	8.122	1022	1026	1029	rBV	675437	530009	9.51%	0.435%
12	8.222	1037	1043	1045	rBV	2655998	2639968	47.38%	2.168%
13	8.239	1045	1046	1049	rVB	1633631	912874	16.38%	0.750%
14	8.934	1161	1164	1167	rBV	398967	312641	5.61%	0.257%
15	9.034	1177	1181	1185	rBV	288753	249832	4.48%	0.205%
16	9.298	1221	1226	1229	rBV	6374420	5572168	100.00%	4.576%
17	9.634	1277	1283	1286	rBV	339582	358412	6.43%	0.294%
18	9.686	1290	1292	1296	rVB	640939	491144	8.81%	0.403%
19	9.981	1335	1342	1345	rBV	3279922	2691685	48.31%	2.210%
20	10.010	1345	1347	1350	rVB2	278176	263341	4.73%	0.216%
21	10.081	1356	1359	1364	rBV	243027	317334	5.69%	0.261%
22	10.181	1373	1376	1380	rVV	527979	483371	8.67%	0.397%
23	10.222	1380	1383	1387	rVB	596915	493521	8.86%	0.405%
24	10.298	1392	1396	1398	rBV	429479	400670	7.19%	0.329%
25	10.328	1398	1401	1404	rVB	643769	528523	9.49%	0.434%
26	10.386	1406	1411	1413	rBV	449981	617328	11.08%	0.507%
27	10.404	1413	1414	1417	rVB	420976	278565	5.00%	0.229%
28	10.481	1424	1427	1429	rVB2	276489	235855	4.23%	0.194%
29	10.528	1429	1435	1438	rBV2	988212	1090324	19.57%	0.895%
30	10.598	1441	1447	1449	rVV	1496979	1813965	32.55%	1.490%
31	10.639	1452	1454	1457	rVV	496617	504962	9.06%	0.415%
32	10.681	1457	1461	1467	rVB5	532688	1104295	19.82%	0.907%
33	10.769	1467	1476	1480	rBV2	3666450	3726668	66.88%	3.060%
34	10.804	1480	1482	1488	rVB3	485267	620238	11.13%	0.509%

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Integrator: RTE
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.875	1488	1494	1495	rBV2	381098	480485	8.62%	0.395%
36	10.892	1495	1497	1502	rVB	752117	765254	13.73%	0.628%
37	10.969	1508	1510	1513	rVV2	482265	556718	9.99%	0.457%
38	11.069	1520	1527	1531	rVV3	1458999	2509232	45.03%	2.061%
39	11.110	1531	1534	1537	rVV2	2033742	2206267	39.59%	1.812%
40	11.163	1541	1543	1546	rVB	873005	678827	12.18%	0.557%
41	11.192	1546	1548	1550	rBV3	410187	412903	7.41%	0.339%
42	11.222	1550	1553	1559	rVV3	534932	975159	17.50%	0.801%
43	11.275	1559	1562	1565	rVV3	340873	315270	5.66%	0.259%
44	11.333	1565	1572	1575	rVV7	412564	707175	12.69%	0.581%
45	11.369	1575	1578	1586	rVB2	548348	708914	12.72%	0.582%
46	11.475	1590	1596	1598	rBV	2912235	2902155	52.08%	2.383%
47	11.498	1598	1600	1603	rVV	6223327	5354401	96.09%	4.397%
48	11.528	1603	1605	1606	rVV	296851	240882	4.32%	0.198%
49	11.545	1606	1608	1611	rVV	767311	686647	12.32%	0.564%
50	11.580	1611	1614	1617	rVV	978205	1295925	23.26%	1.064%
51	11.610	1617	1619	1621	rVV	659634	618693	11.10%	0.508%
52	11.628	1621	1622	1624	rVV2	474461	385795	6.92%	0.317%
53	11.651	1624	1626	1628	rVV	332293	267230	4.80%	0.219%
54	11.704	1632	1635	1641	rVB2	303315	515999	9.26%	0.424%
55	11.804	1648	1652	1655	rBV2	565718	563721	10.12%	0.463%
56	11.886	1664	1666	1669	rVB	262360	260604	4.68%	0.214%
57	11.975	1678	1681	1684	rVV	2979727	3029314	54.37%	2.488%
58	12.004	1684	1686	1690	rVV	3426465	2906604	52.16%	2.387%
59	12.051	1691	1694	1697	rVV2	527897	623201	11.18%	0.512%
60	12.086	1697	1700	1702	rVV2	1845573	1885795	33.84%	1.549%
61	12.110	1702	1704	1709	rVB	1584637	1410214	25.31%	1.158%
62	12.251	1723	1728	1729	rBV4	210058	245524	4.41%	0.202%
63	12.269	1729	1731	1733	rVV	660159	598602	10.74%	0.492%
64	12.292	1733	1735	1742	rVB3	464160	550512	9.88%	0.452%
65	12.345	1742	1744	1751	rBV3	305293	360116	6.46%	0.296%
66	12.422	1754	1757	1760	rVV	835731	710078	12.74%	0.583%
67	12.451	1760	1762	1764	rVV	733567	568624	10.20%	0.467%
68	12.475	1764	1766	1769	rVB	435643	353818	6.35%	0.291%
69	12.527	1772	1775	1778	rBV	1141026	1106884	19.86%	0.909%
70	12.563	1778	1781	1783	rVV2	560182	643053	11.54%	0.528%
71	12.586	1783	1785	1787	rVB	346708	248349	4.46%	0.204%

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-C

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Integrator: RTE
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72	12.610	1787	1789	1795	rBV2	649107	703967	12.63%	0.578%
73	12.692	1799	1803	1806	rVB	2511159	2224082	39.91%	1.826%
74	12.922	1836	1842	1848	rBV2	3555018	4873385	87.46%	4.002%
75	12.974	1848	1851	1855	rVB2	284115	353217	6.34%	0.290%
76	13.063	1862	1866	1869	rBV	5266697	4627261	83.04%	3.800%
77	13.139	1875	1879	1886	rBV3	467940	782896	14.05%	0.643%
78	13.222	1890	1893	1895	rVV4	350985	447818	8.04%	0.368%
79	13.245	1895	1897	1900	rVB	669411	601843	10.80%	0.494%
80	13.316	1906	1909	1911	rBV	501300	395591	7.10%	0.325%
81	13.351	1911	1915	1918	rVV	634059	577078	10.36%	0.474%
82	13.445	1928	1931	1934	rVV	459081	381008	6.84%	0.313%
83	13.474	1934	1936	1939	rVB	542274	429444	7.71%	0.353%
84	13.751	1977	1983	1989	rBV2	345458	594135	10.66%	0.488%
85	13.869	1998	2003	2006	rBV2	265962	454804	8.16%	0.373%
86	13.957	2015	2018	2024	rVB3	745246	774100	13.89%	0.636%
87	14.121	2040	2046	2048	rBV2	2686206	3622182	65.00%	2.975%
88	14.145	2048	2050	2056	rVB	1472830	1240329	22.26%	1.019%
89	14.280	2071	2073	2080	rVB5	152263	242169	4.35%	0.199%
90	14.510	2107	2112	2115	rVV	502740	641752	11.52%	0.527%
91	14.539	2115	2117	2121	rVV	353835	317047	5.69%	0.260%
92	14.592	2121	2126	2130	rVV4	324536	519780	9.33%	0.427%
93	14.992	2190	2194	2198	rBV	918382	998629	17.92%	0.820%
94	15.180	2222	2226	2230	rBV2	759251	1207004	21.66%	0.991%
95	15.498	2276	2280	2286	rVB	552750	661546	11.87%	0.543%
96	15.563	2287	2291	2297	rVB	687329	805643	14.46%	0.662%
97	15.633	2298	2303	2306	rBV	1962494	2410498	43.26%	1.979%
98	15.668	2306	2309	2315	rVB3	222708	357474	6.42%	0.294%
99	17.157	2557	2562	2571	rVB2	217370	465364	8.35%	0.382%
100	17.621	2635	2641	2652	rVB	173142	375728	6.74%	0.309%

Sum of corrected areas: 121774388

LSC Report - Integrated Chromatogram

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Acq On : 8 Nov 2019 00:28
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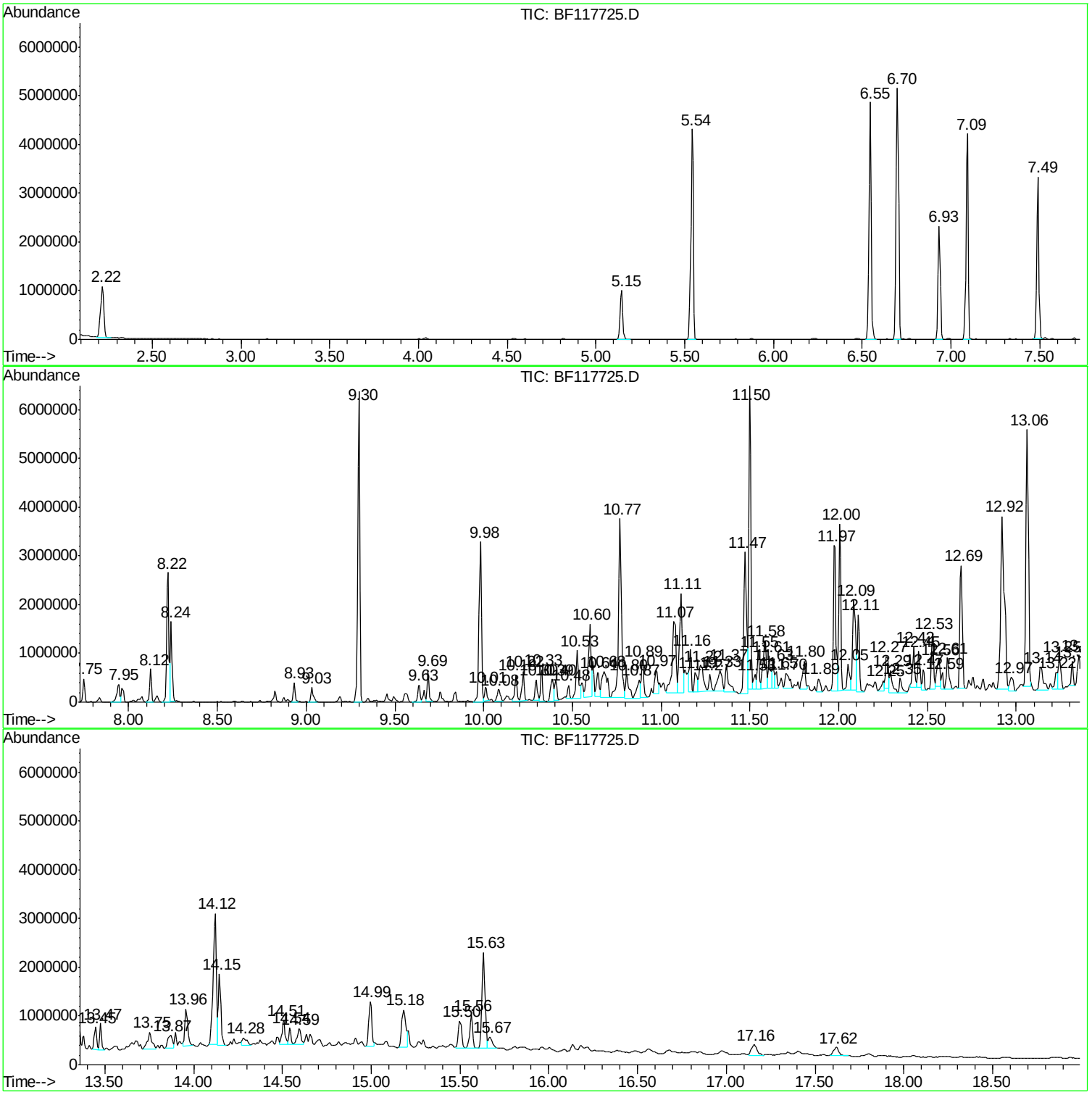
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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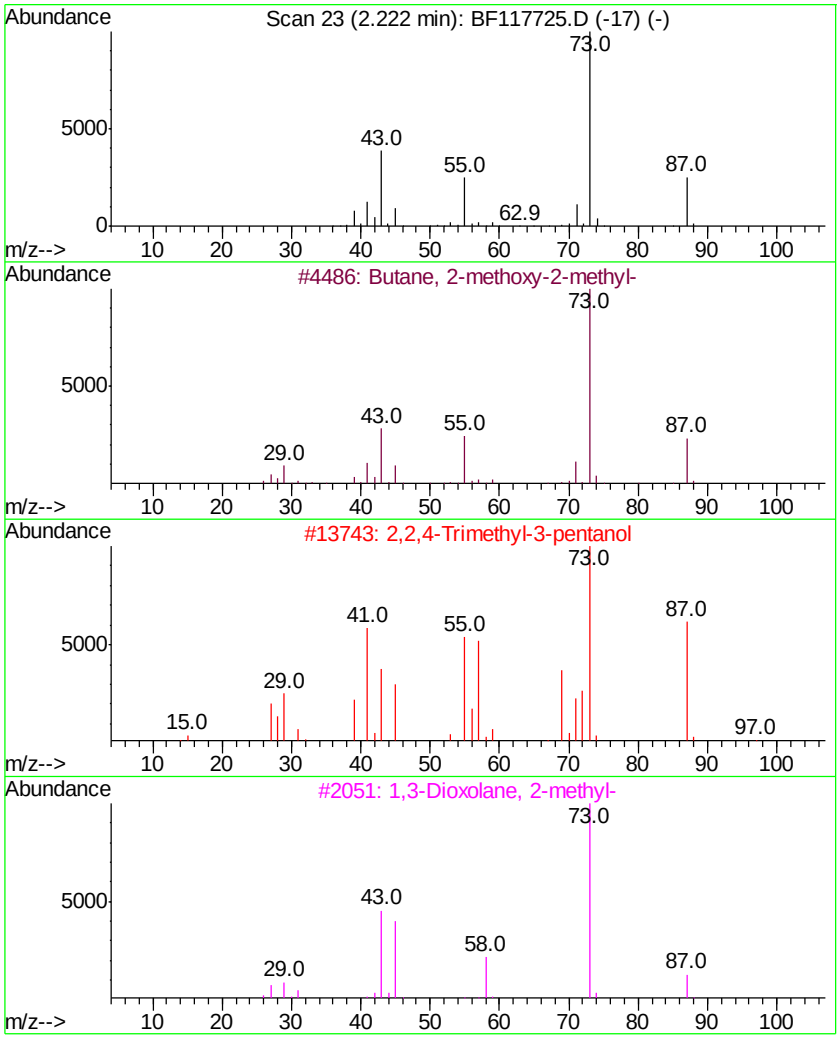
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

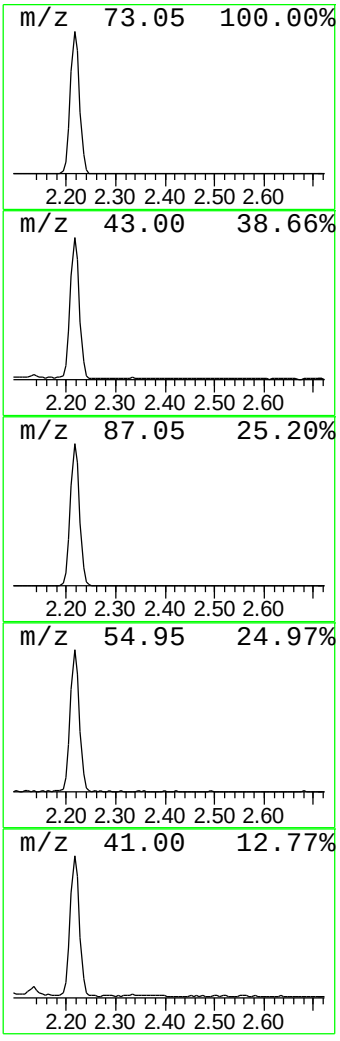
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	15.29 ng	1365370	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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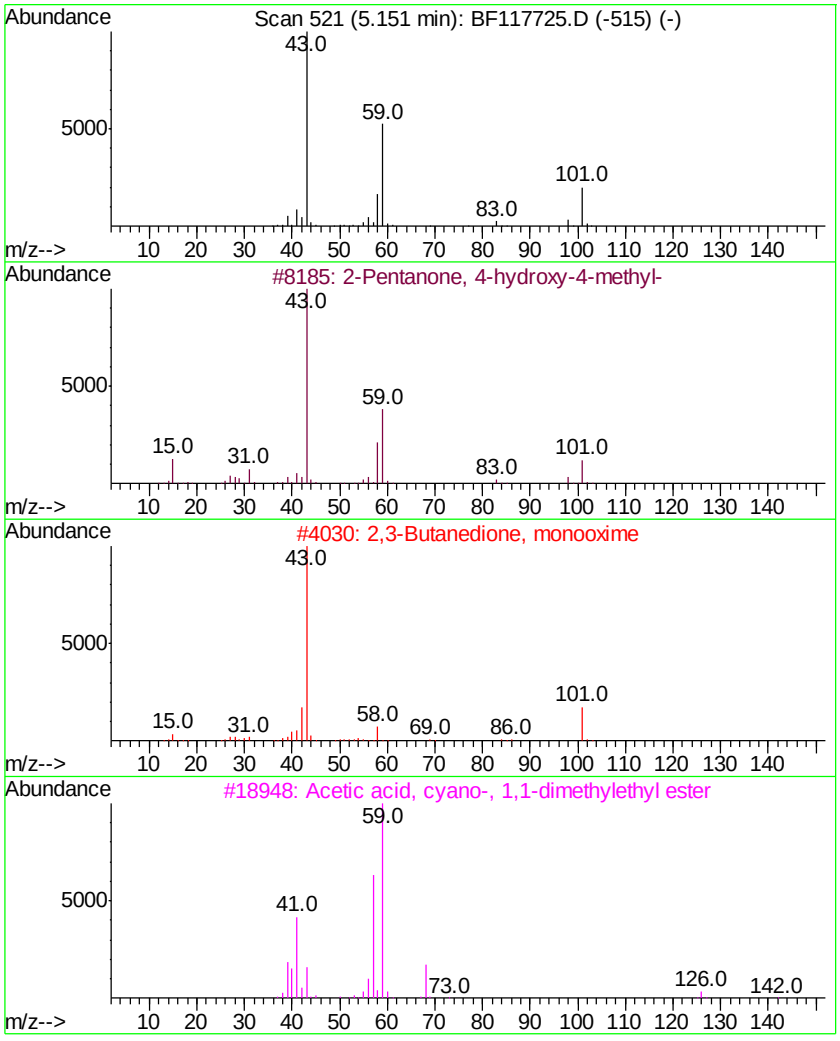
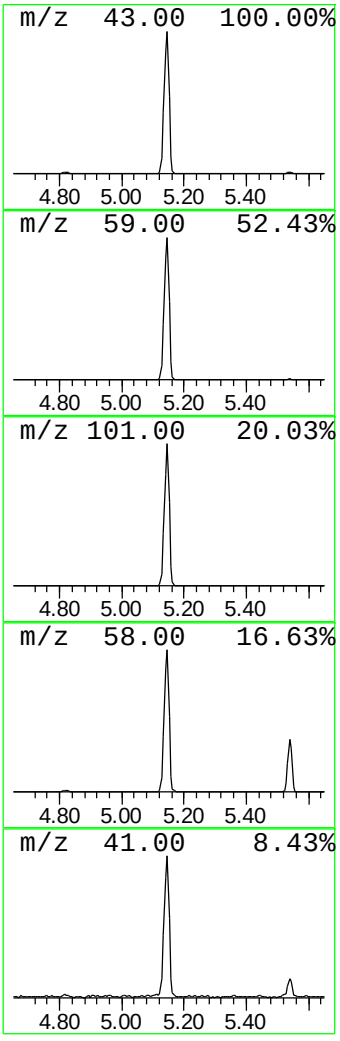
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	12.20 ng	1089990	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Acetone	58	C3H6O	000067-64-1	12
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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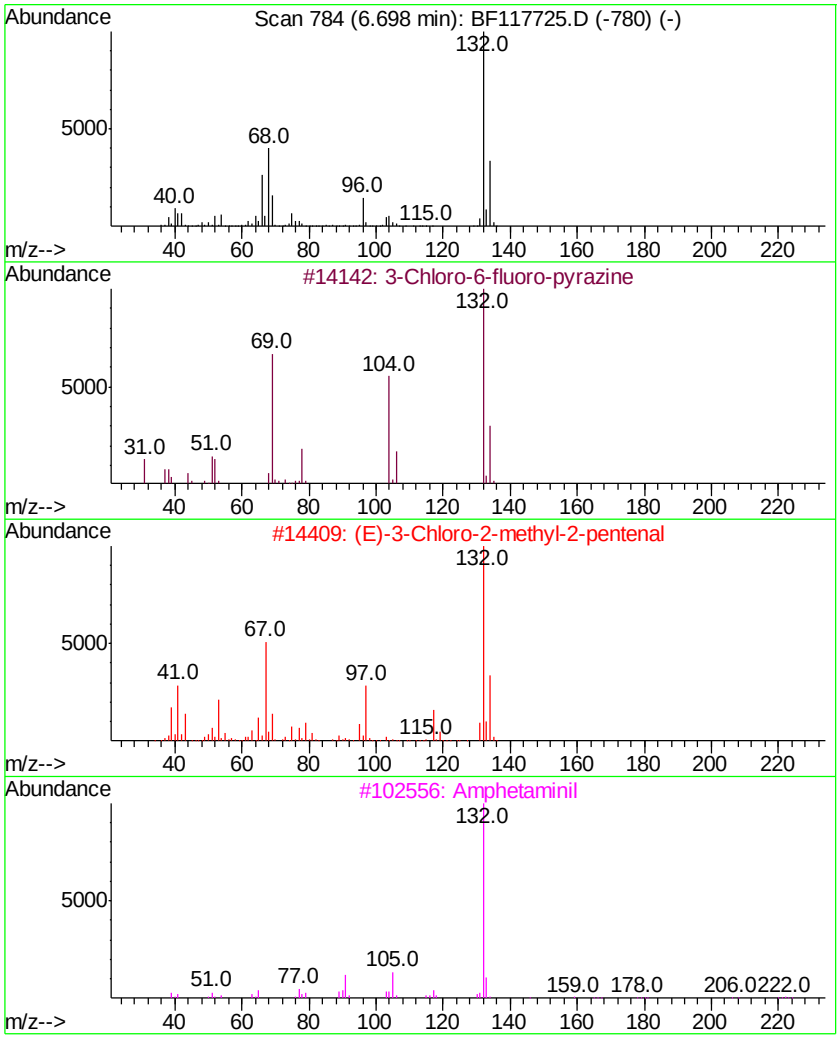
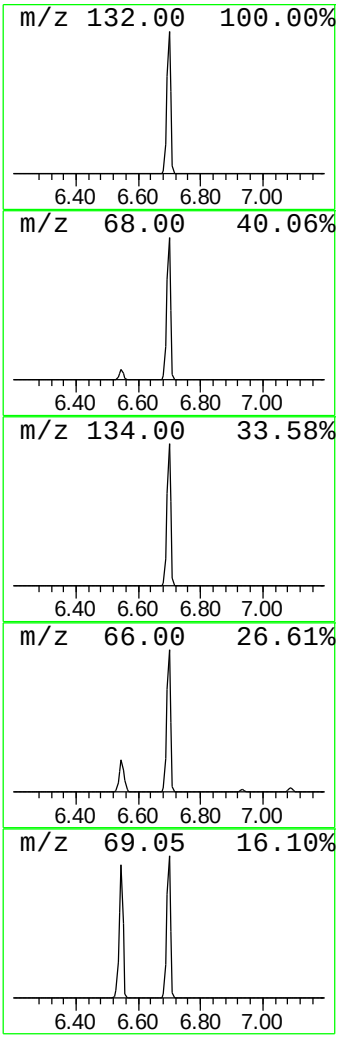
****

Peak Number 3 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	51.25 ng	4577550	1,4-Dichlorobenzene-d4	6.93

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	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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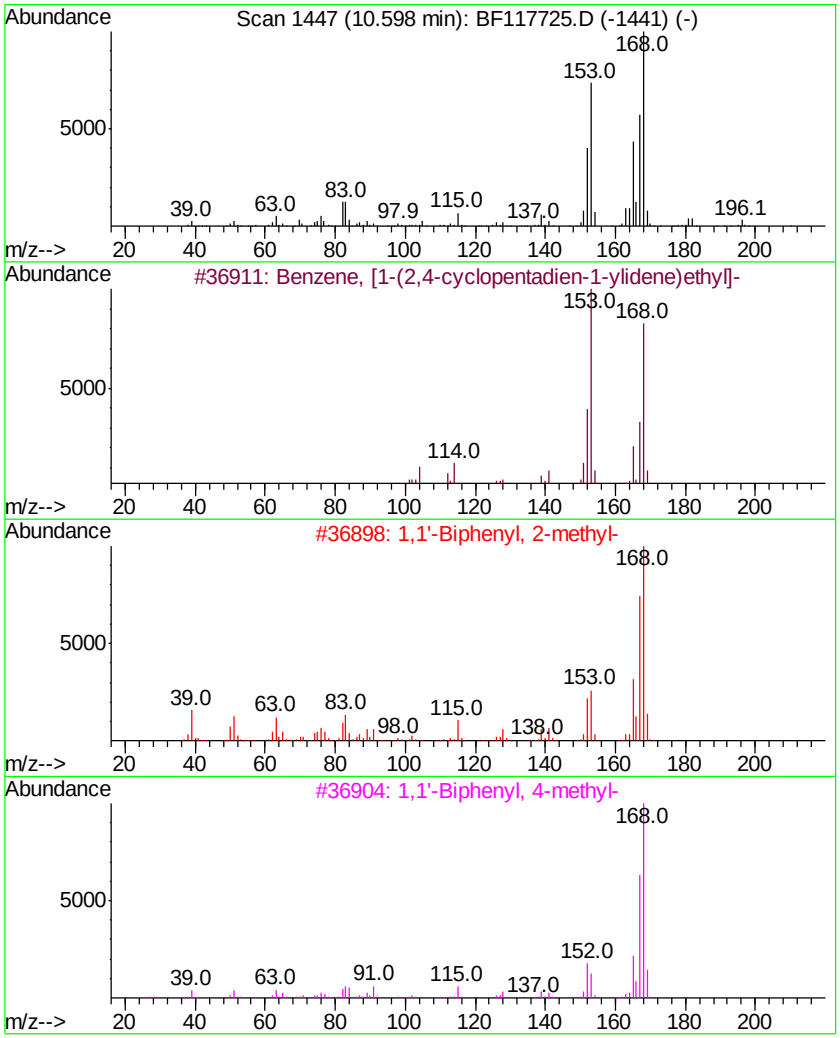
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

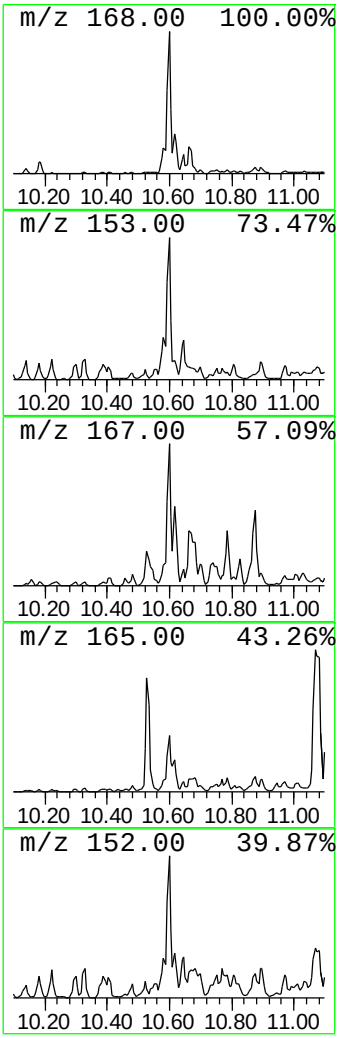
****

Peak Number 5 Benzene, [1-(2,4-cyclopenta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	13.48 ng	1813970	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	47
4	3-Hydroxy-4-methoxybenzoic acid	168	C8H8O4	000645-08-9	38
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

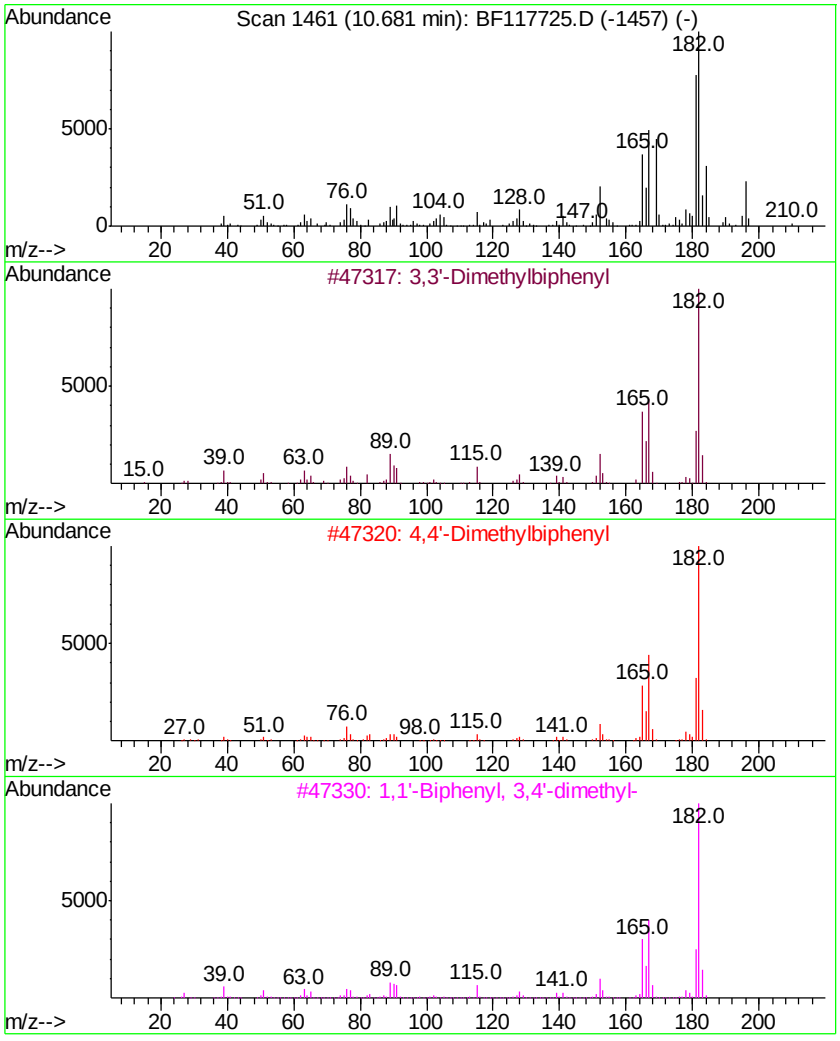
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

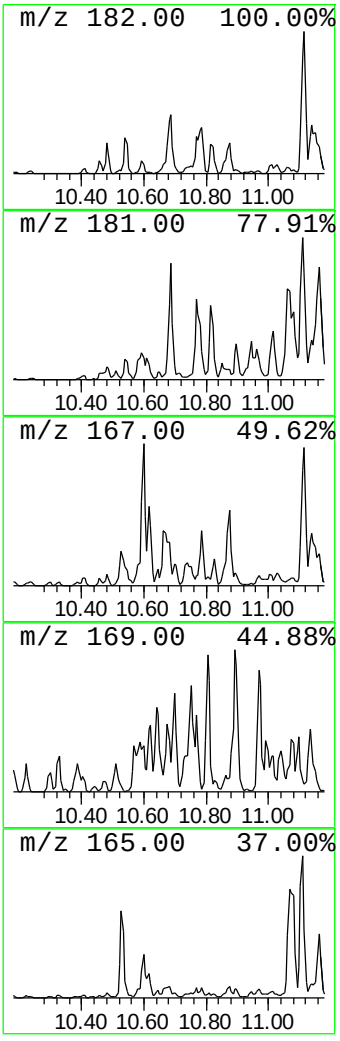
****

Peak Number 6 3,3'-Dimethylbiphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	8.21 ng	1104300	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	60
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	55
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	49
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	49





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Operator : JU
Sample : K5722-10
Misc :
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Instrument : BNA_F
ClientSampleId : 6-C

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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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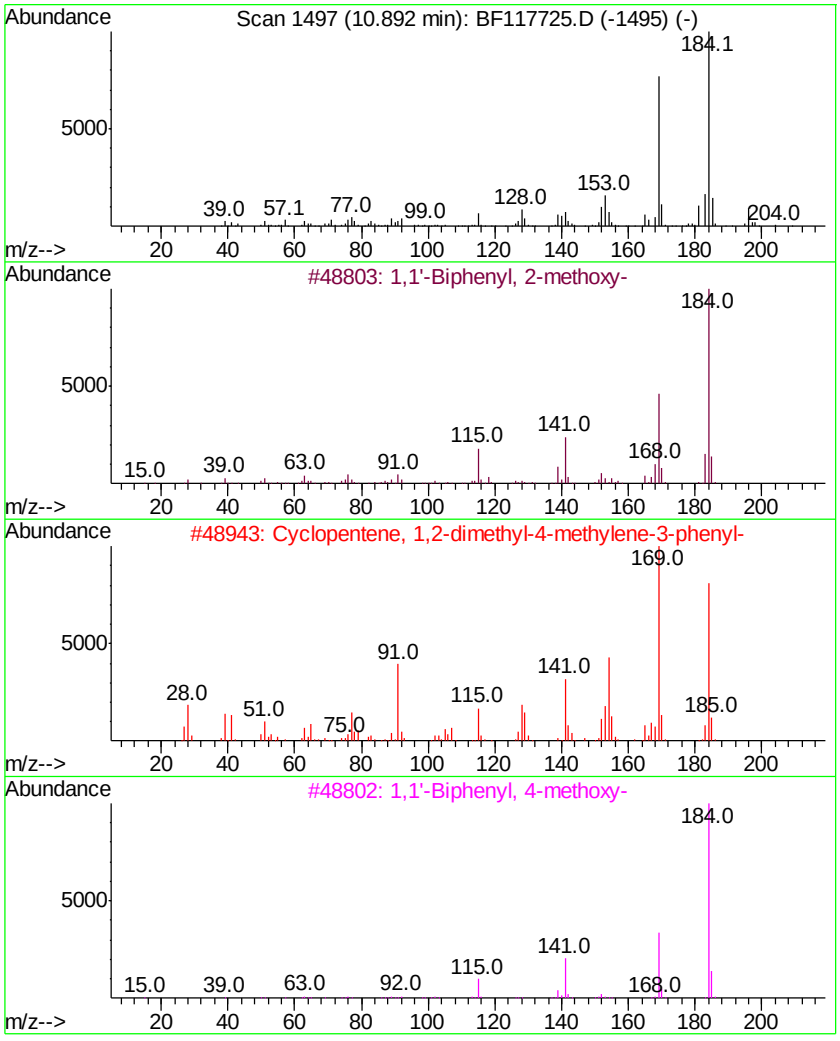
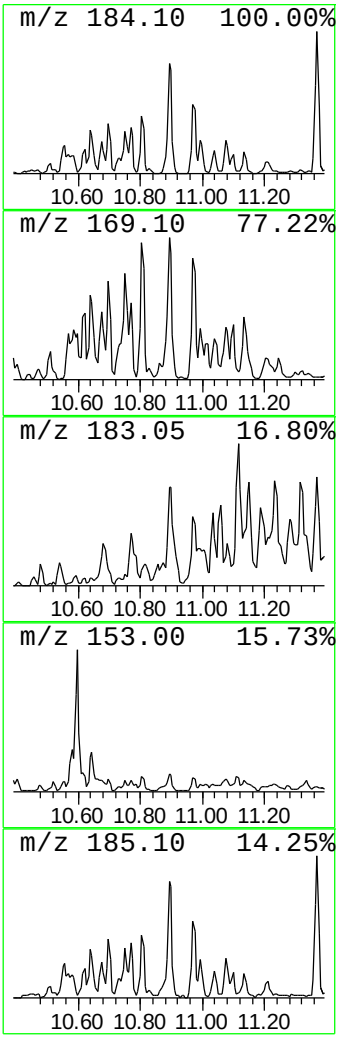
Peak Number 7 1,1'-Biphenyl, 2-methoxy- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	5.27 ng	765254	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	83
2	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	80
3	1,1'-Biphenyl, 4-methoxy-	184	C13H12O	000613-37-6	64
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	64
5	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	53





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Instrument : BNA_F
ClientSampleId : 6-C

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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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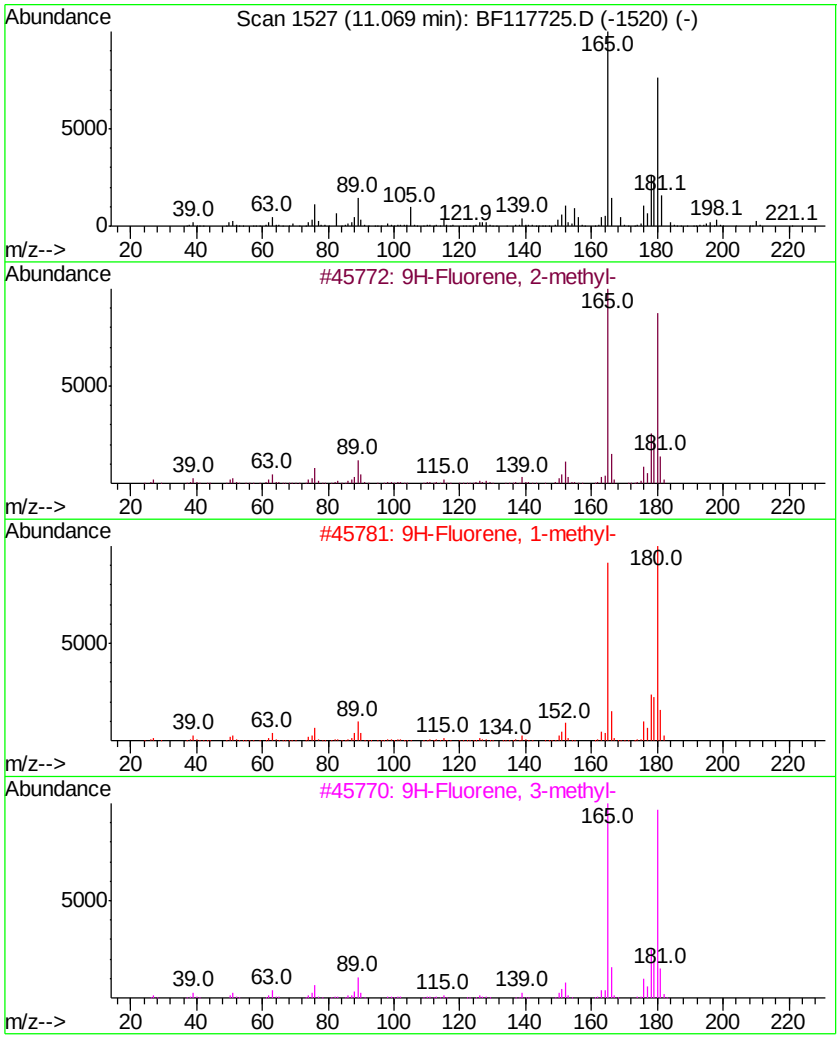
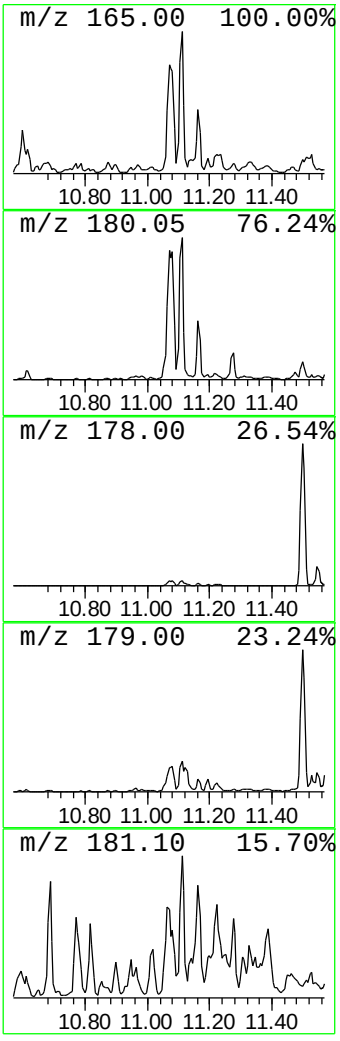
Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	17.29 ng	2509230	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	72





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

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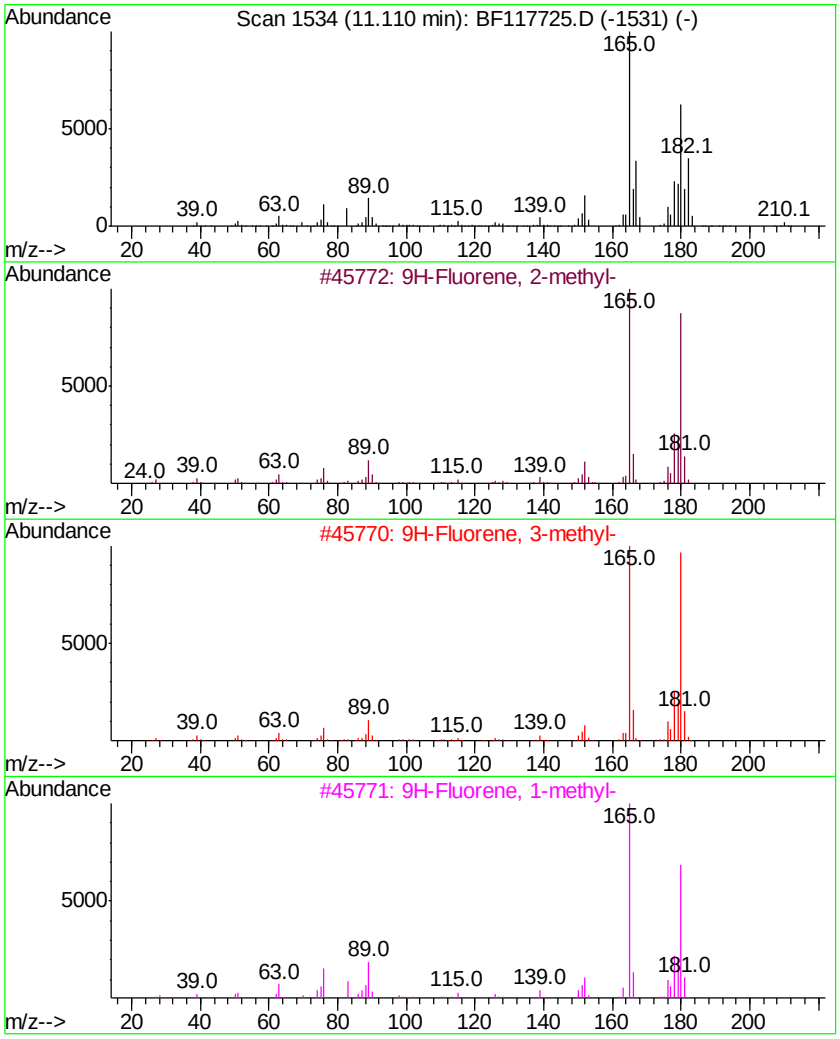
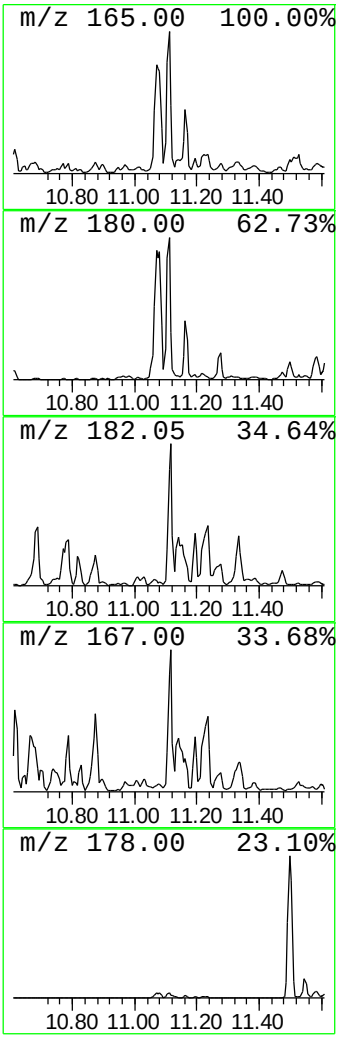
Peak Number 9 9H-Fluorene, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	15.20 ng	2206270	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
5	Silane, trimethyl(3-methylphenoxy)-	180	C10H16OSi	017902-31-7	49





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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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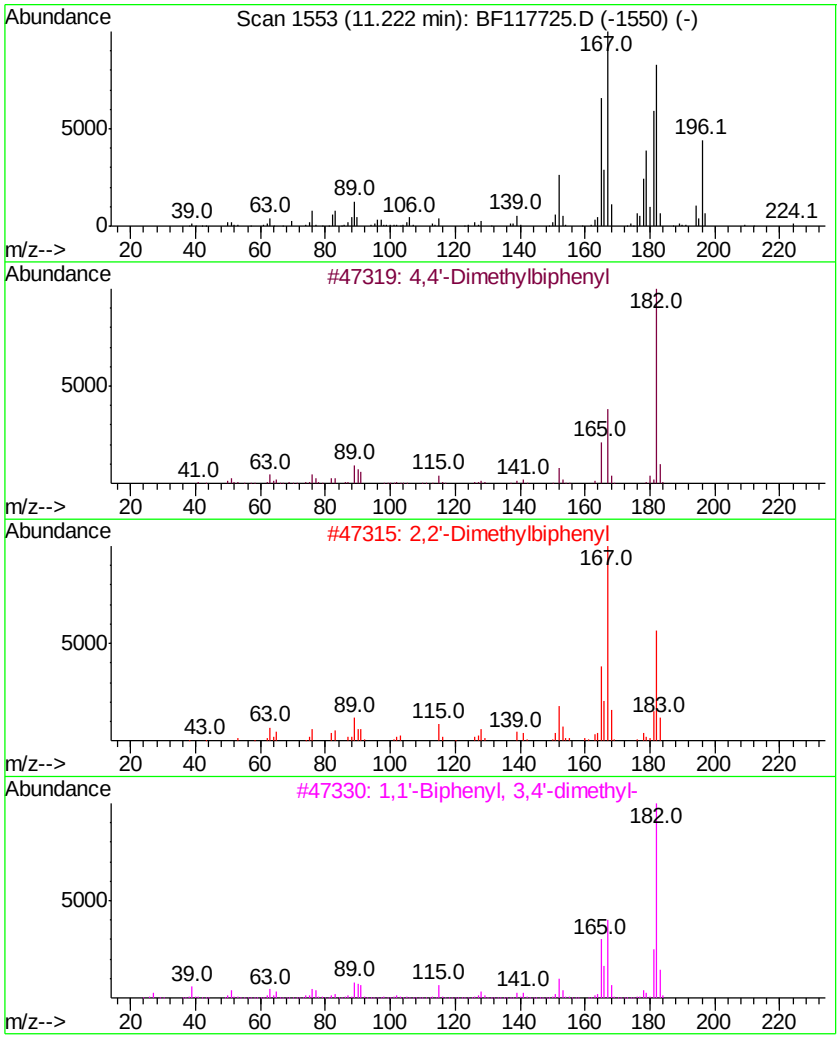
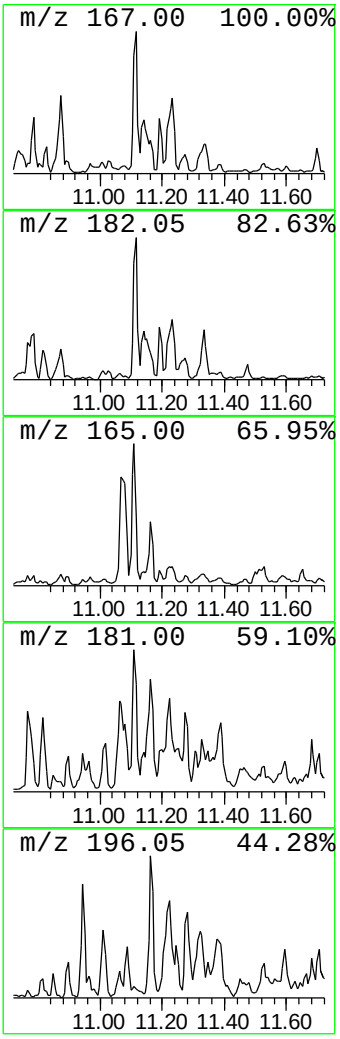
Peak Number 10 4,4'-Dimethylbiphenyl Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	6.72 ng	975159	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	52
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	52
4	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	49
5	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	49





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

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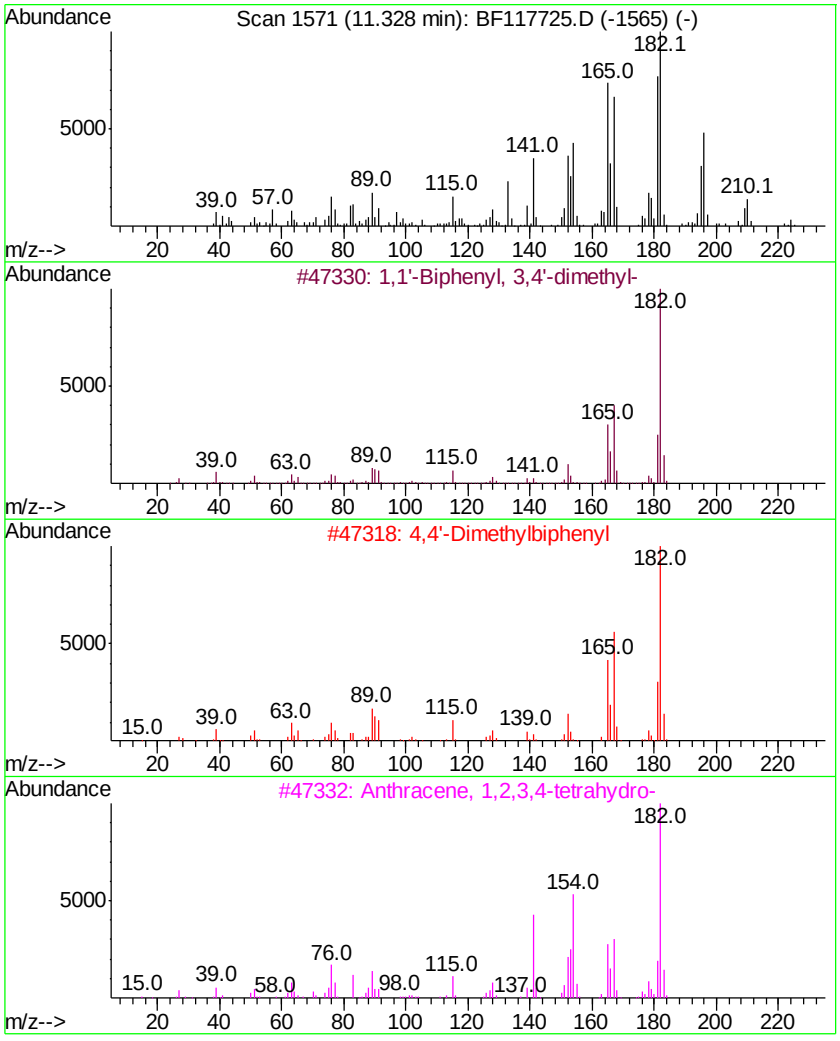
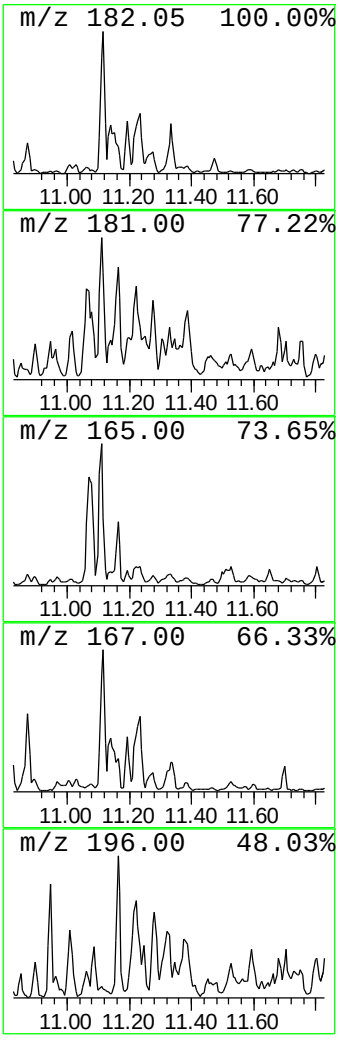
Peak Number 11 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	4.87 ng	707175	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	70
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
3	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	68
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	62
5	4-Ethylbiphenyl	182	C14H14	005707-44-8	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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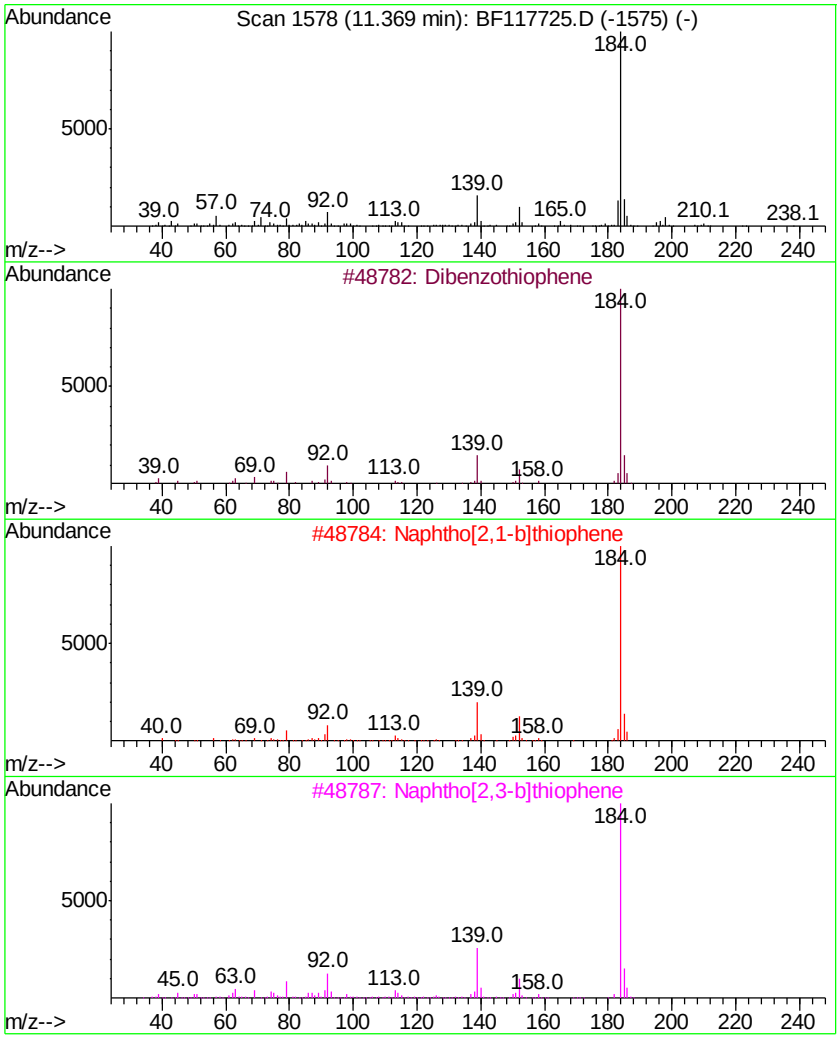
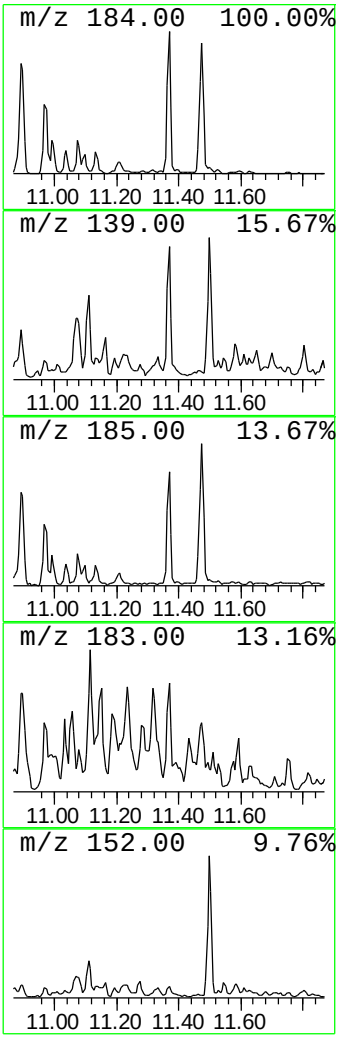
Peak Number 12 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	4.89 ng	708914	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	76





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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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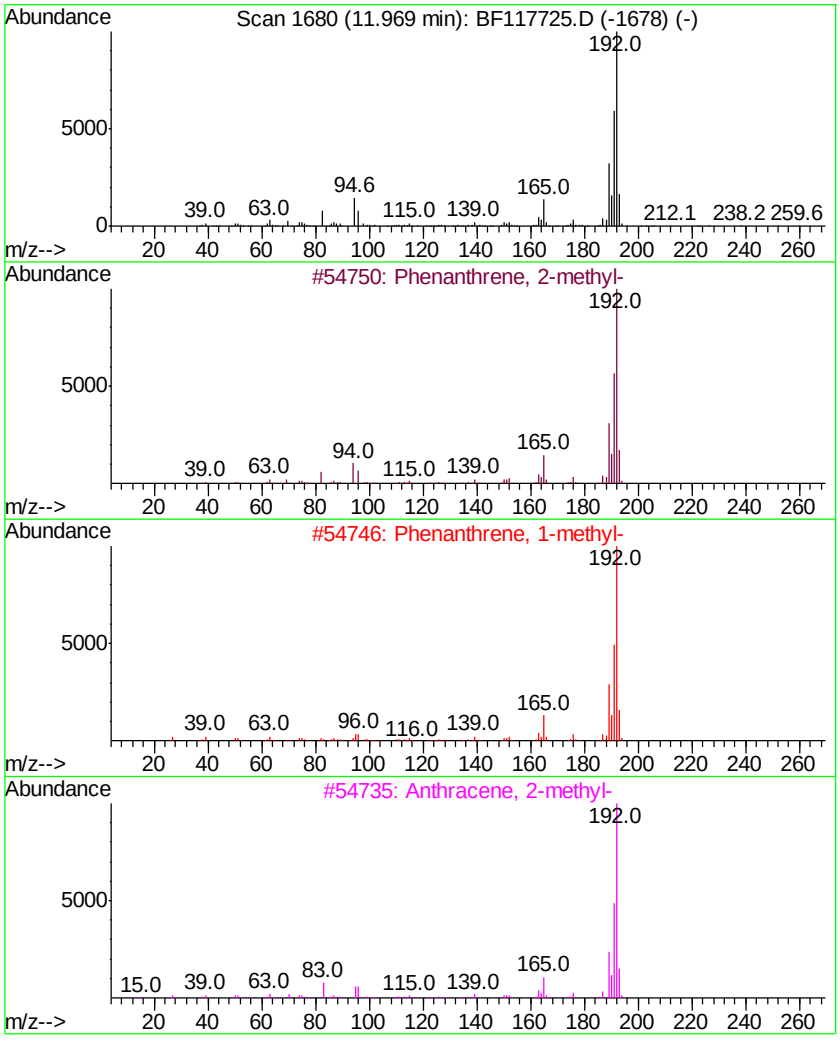
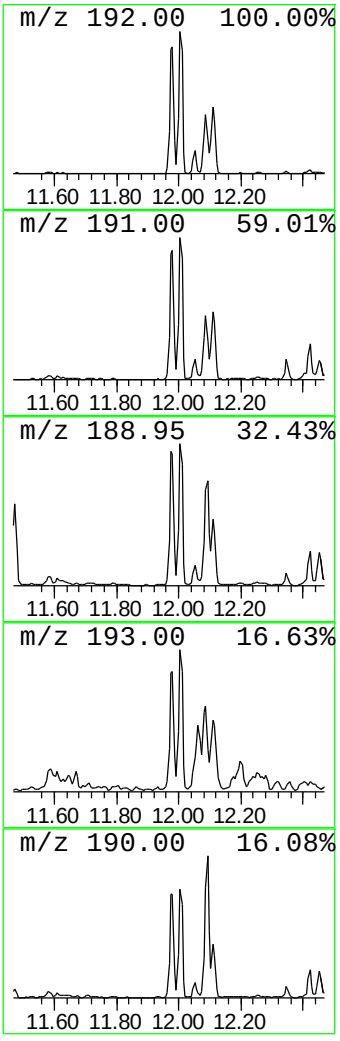
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	20.88 ng	3029310	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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

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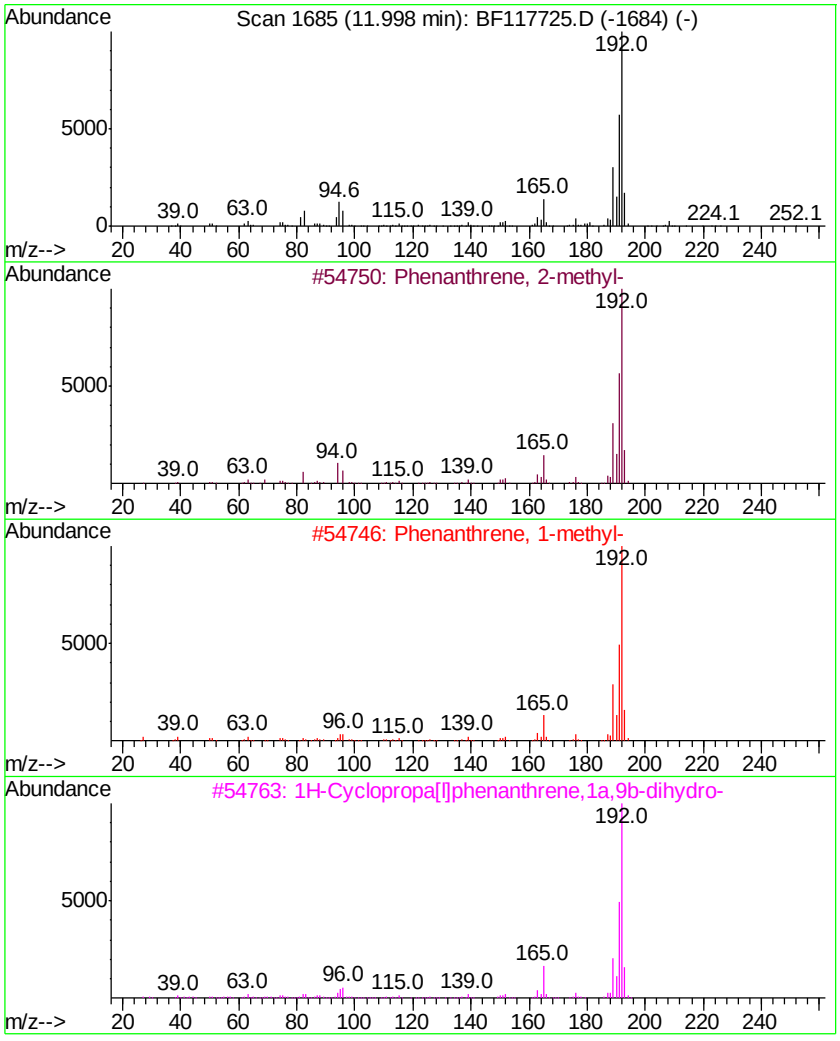
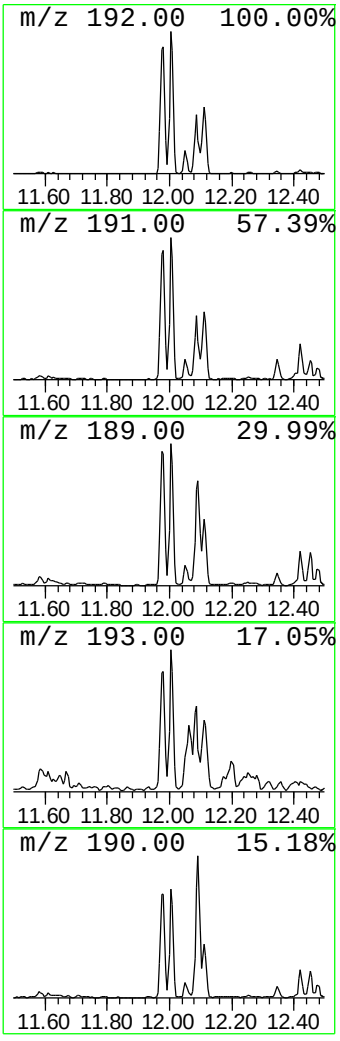
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	20.03 ng	2906600	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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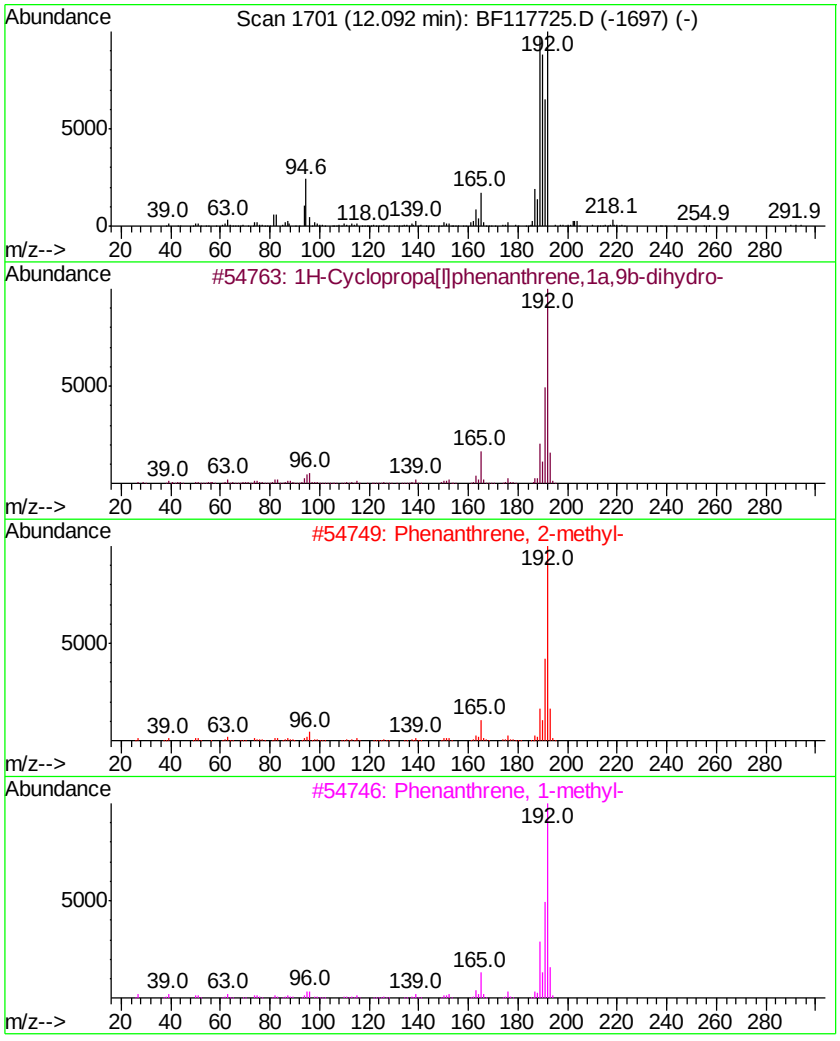
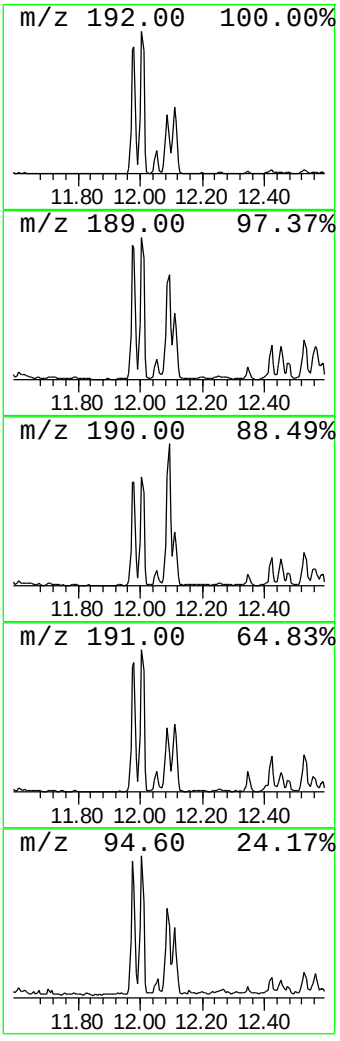
Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	13.00 ng	1885800	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60





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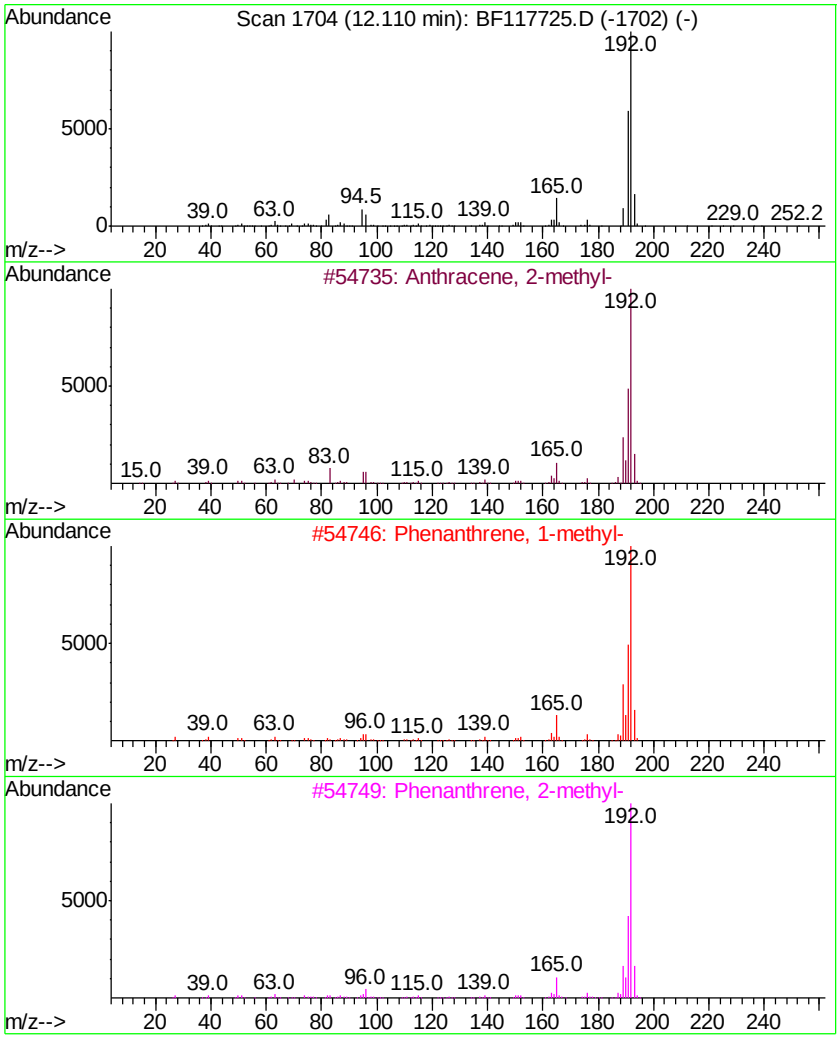
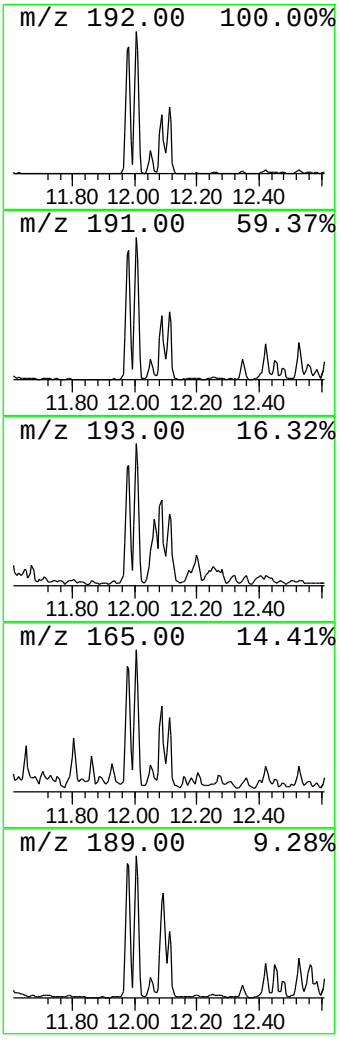
Peak Number 16 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	9.72 ng	1410210	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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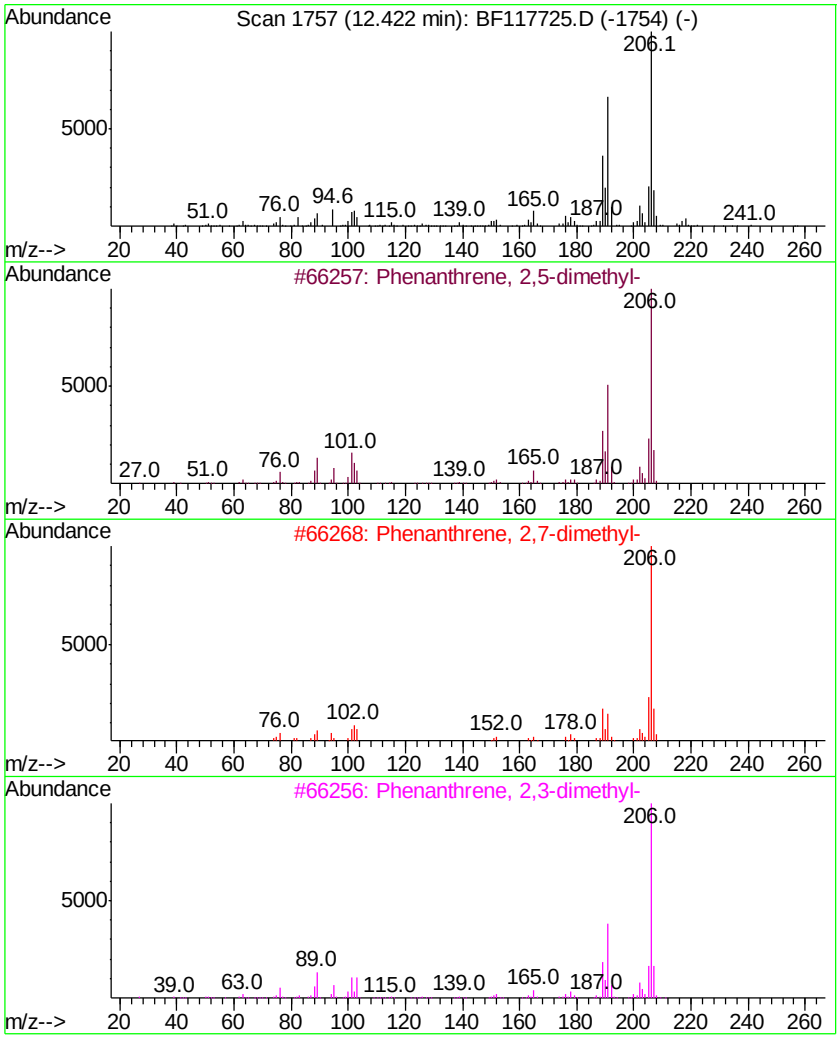
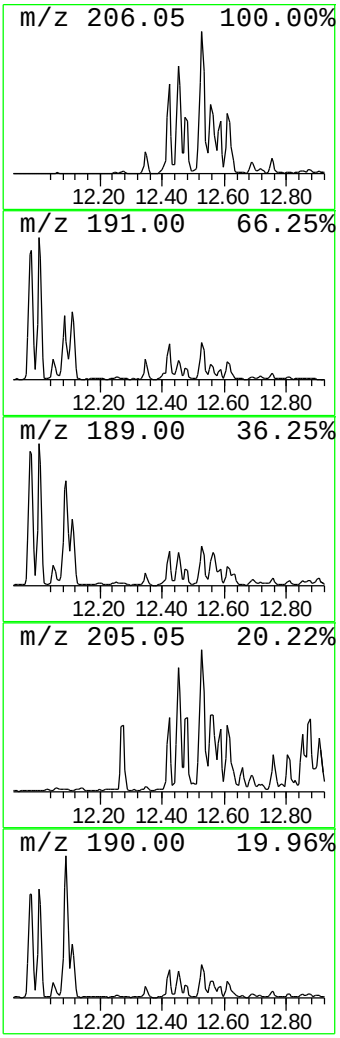
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.89 ng	710078	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81





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Instrument : BNA_F
ClientSampleId : 6-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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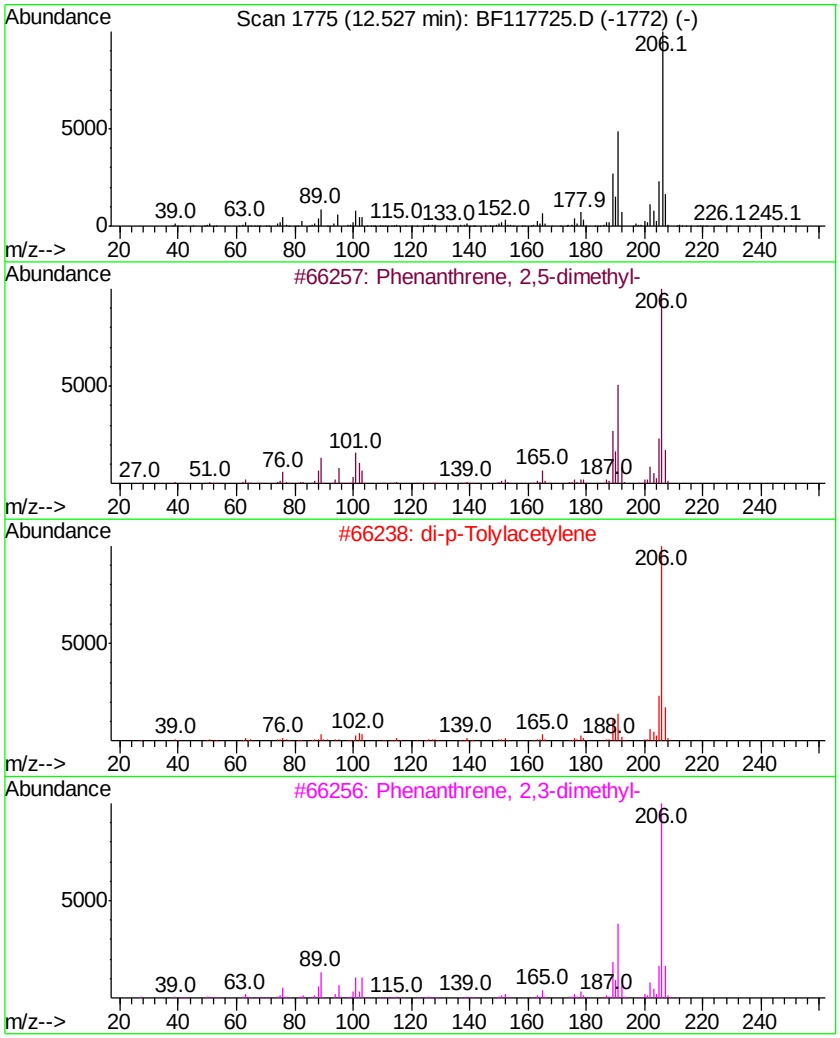
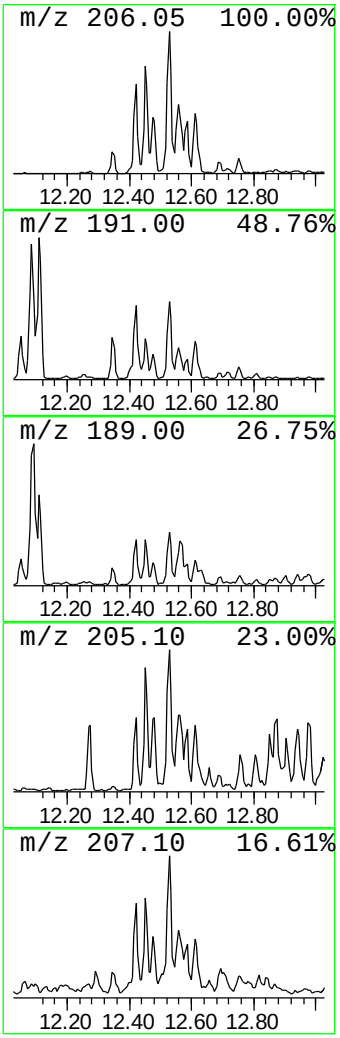
Peak Number 18 di-p-Tolylacetylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	7.63 ng	1106880	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117725.D
Acq On : 8 Nov 2019 00:28
Operator : JU
Sample : K5722-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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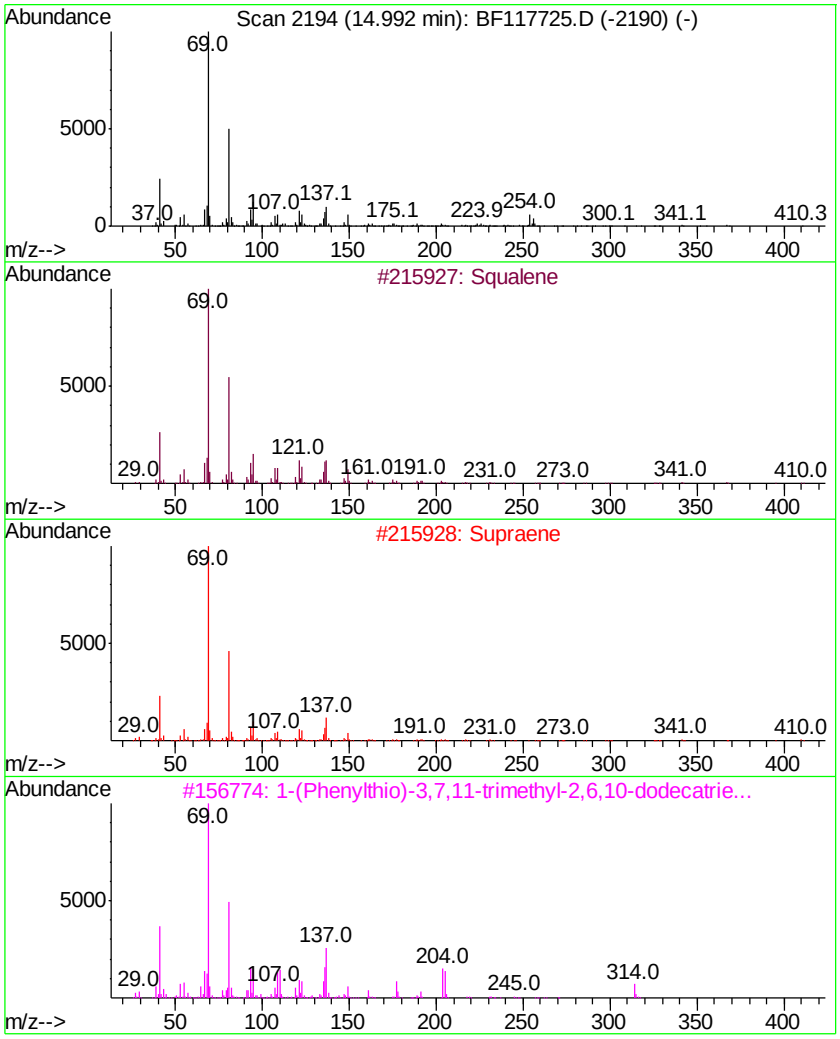
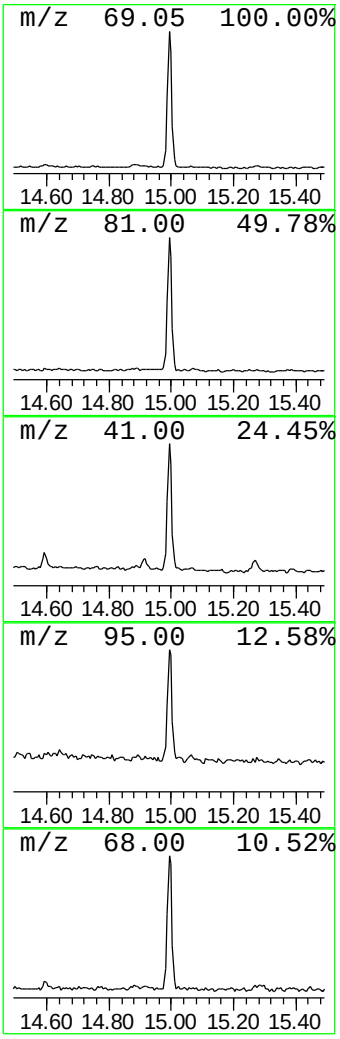
Peak Number 19 Squalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	8.29 ng	998629	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	92
2	Supraene	410	C30H50	007683-64-9	90
3	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	72
4	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	64
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117725.D
Acq On : 8 Nov 2019 00:28
Operator : JU
Sample : K5722-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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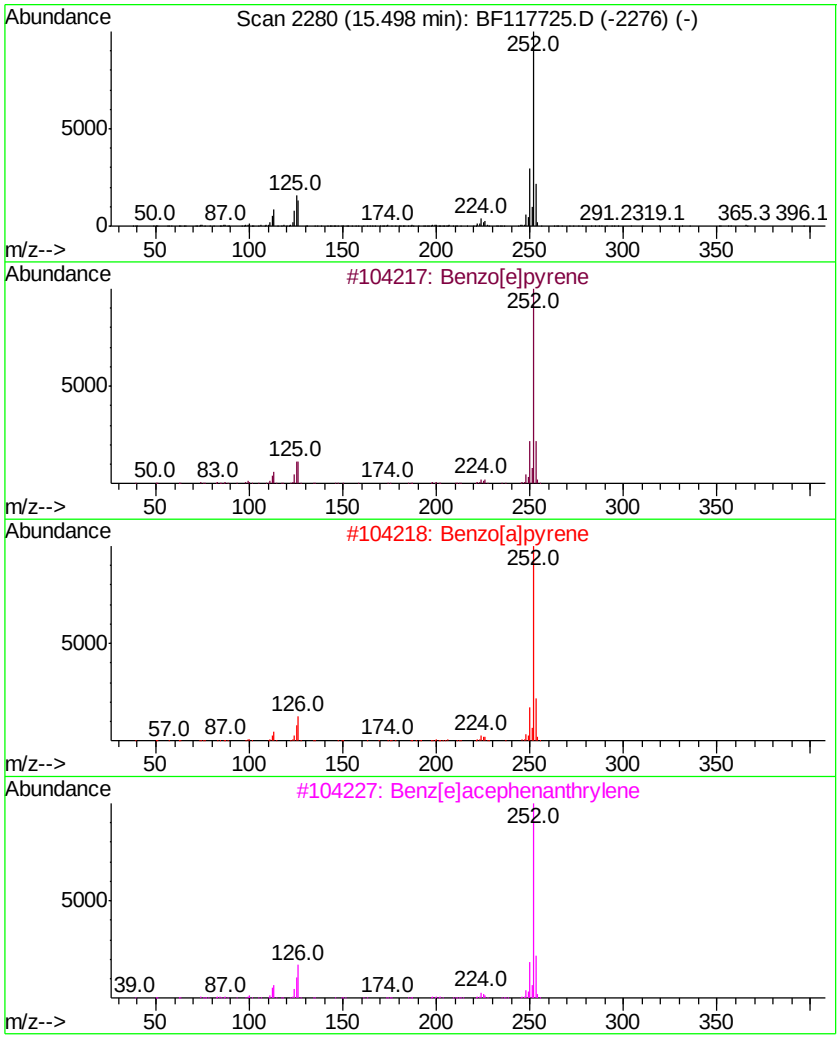
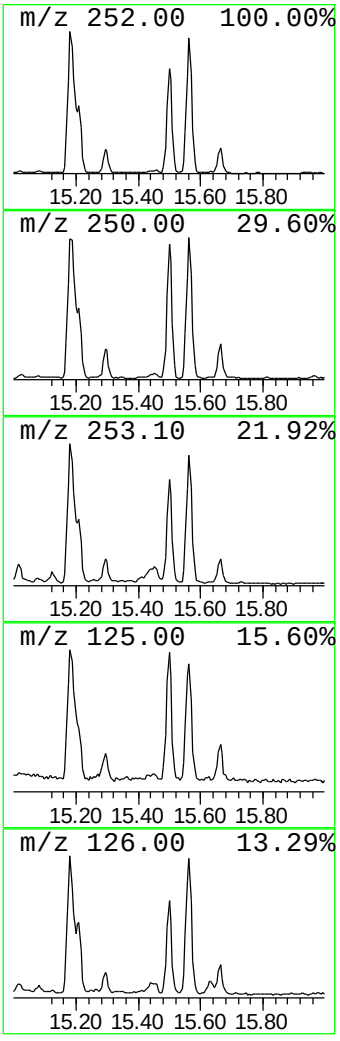
Peak Number 20 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	5.49 ng	661546	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
Data File : BF117725.D
Acq On : 8 Nov 2019 00:28
Operator : JU
Sample : K5722-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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
Butane, 2-methoxy...	2.22	15.3	ng	1365370	1	6.93	1786480	20.0
2-Pentanone, 4-hy...	5.15	12.2	ng	1089990	1	6.93	1786480	20.0
unknown6.70	6.70	51.3	ng	4577550	1	6.93	1786480	20.0
Benzene, [1-(2,4-...	10.60	13.5	ng	1813970	3	9.98	2691690	20.0
3,3'-Dimethylbiph...	10.68	8.2	ng	1104300	3	9.98	2691690	20.0
1,1'-Biphenyl, 2-...	10.89	5.3	ng	765254	4	11.47	2902160	20.0
9H-Fluorene, 2-me...	11.07	17.3	ng	2509230	4	11.47	2902160	20.0
9H-Fluorene, 3-me...	11.11	15.2	ng	2206270	4	11.47	2902160	20.0
4,4'-Dimethylbiph...	11.22	6.7	ng	975159	4	11.47	2902160	20.0
1,1'-Biphenyl, 3,...	11.33	4.9	ng	707175	4	11.47	2902160	20.0
Dibenzothiophene	11.37	4.9	ng	708914	4	11.47	2902160	20.0
Phenanthrene, 2-m...	11.97	20.9	ng	3029310	4	11.47	2902160	20.0
Phenanthrene, 1-m...	12.00	20.0	ng	2906600	4	11.47	2902160	20.0
1H-Cyclopropa[l]p...	12.09	13.0	ng	1885800	4	11.47	2902160	20.0
Anthracene, 2-met...	12.11	9.7	ng	1410210	4	11.47	2902160	20.0
Phenanthrene, 2,5...	12.42	4.9	ng	710078	4	11.47	2902160	20.0
di-p-Tolylacetylene	12.53	7.6	ng	1106880	4	11.47	2902160	20.0
Squalene	14.99	8.3	ng	998629	6	15.63	2410500	20.0
Benzo[e]pyrene	15.50	5.5	ng	661546	6	15.63	2410500	20.0