LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117723.D
Acq On : 7 Nov 2019 23:35
Operator : JU
Sample : K5722-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5-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	2.228	18	24	39	rVB	1355228	1867517	26.44%	2.015%
2	5.151	513	521	529	rBV	1343919	1558823	22.07%	1.682%
3	5.545	583	588	591	rBV	5914621	6014120	85.14%	6.489%
4	6.551	753	759	763	rBV	6367387	6729956	95.27%	7.262%
5	6.698	780	784	788	rBV	6416418	6652652	94.18%	7.178%
6	6.934	820	824	827	rBV	2391572	1822797	25.80%	1.967%
7	7.092	847	851	854	rVB	5970797	5100507	72.20%	5.504%
8	7.492	914	919	922	rBV	4446112	4158564	58.87%	4.487%
9	8.122	1022	1026	1029	rVB	137794	114065	1.61%	0.123%
10	8.222	1038	1043	1045	rBV	2563205	2412301	34.15%	2.603%
11	8.933	1160	1164	1167	rBV	101792	80931	1.15%	0.087%
12	9.298	1221	1226	1229	rBV	7992378	7063954	100.00%	7.622%
13	9.633	1278	1283	1286	rBV	89451	96364	1.36%	0.104%
14	9.686	1289	1292	1296	rVB	905760	727075	10.29%	0.785%
15	9.839	1314	1318	1323	rBV	113561	96761	1.37%	0.104%
16	9.980	1338	1342	1345	rBV	3248951	2680073	37.94%	2.892%
17	10.080	1356	1359	1363	rBV	67209	82286	1.16%	0.089%
18	10.180	1372	1376	1380	rBV	179691	161298	2.28%	0.174%
19	10.222	1380	1383	1388	rVB	198671	158249	2.24%	0.171%
20	10.298	1393	1396	1398	rBV	144234	133880	1.90%	0.144%
21	10.322	1398	1400	1404	rVB	199331	169173	2.39%	0.183%
22	10.386	1407	1411	1413	rBV	152909	200282	2.84%	0.216%
23	10.404	1413	1414	1417	rVB2	143489	102874	1.46%	0.111%
24	10.480	1423	1427	1429	rVB2	90101	83981	1.19%	0.091%
25	10.527	1429	1435	1437	rBV3	184542	233868	3.31%	0.252%
26	10.598	1441	1447	1449	rVV	410814	539820	7.64%	0.582%
27	10.639	1452	1454	1457	rVV2	188504	185598	2.63%	0.200%
28	10.680	1457	1461	1467	rVB6	171313	342063	4.84%	0.369%
29	10.769	1471	1476	1480	rVV	4953653	4493242	63.61%	4.848%
30	10.804	1480	1482	1488	rVB2	221755	248260	3.51%	0.268%
31	10.874	1488	1494	1495	rBV3	125652	180630	2.56%	0.195%
32	10.898	1495	1498	1502	rVB2	308942	337871	4.78%	0.365%
33	10.969	1507	1510	1513	rBV2	191137	221240	3.13%	0.239%
34	11.039	1519	1522	1523	rBV2	84611	79747	1.13%	0.086%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.074	1524	1528	1531	rVV2	444969	674721	9.55%	0.728%
36	11.110	1531	1534	1537	rVV2	637030	760172	10.76%	0.820%
37	11.163	1540	1543	1545	rVB2	292887	269860	3.82%	0.291%
38	11.192	1545	1548	1550	rBV2	132374	155007	2.19%	0.167%
39	11.227	1550	1554	1559	rVV5	193694	364724	5.16%	0.394%
40	11.274	1559	1562	1565	rVV4	150173	141731	2.01%	0.153%
41	11.339	1565	1573	1575	rVV9	137725	298781	4.23%	0.322%
42	11.368	1575	1578	1585	rVB5	178329	244768	3.47%	0.264%
43	11.474	1592	1596	1598	rBV	2822539	2789546	39.49%	3.010%
44	11.498	1598	1600	1603	rVV	1664507	1343112	19.01%	1.449%
45	11.545	1603	1608	1610	rVV3	286513	425138	6.02%	0.459%
46	11.580	1610	1614	1617	rVV2	450933	629459	8.91%	0.679%
47	11.610	1617	1619	1620	rVV2	295317	229675	3.25%	0.248%
48	11.651	1624	1626	1628	rVV	197161	168119	2.38%	0.181%
49	11.704	1632	1635	1641	rVB3	146251	301357	4.27%	0.325%
50	11.768	1641	1646	1648	rBV3	84018	86660	1.23%	0.094%
51	11.804	1648	1652	1655	rBV2	174753	176943	2.50%	0.191%
52	11.974	1678	1681	1683	rBV	1076285	951625	13.47%	1.027%
53	12.004	1683	1686	1689	rVV2	1384126	1504642	21.30%	1.624%
54	12.051	1692	1694	1697	rVV2	144922	225993	3.20%	0.244%
55	12.086	1697	1700	1702	rVV2	474572	524005	7.42%	0.565%
56	12.110	1702	1704	1709	rVB	484691	398569	5.64%	0.430%
57	12.157	1710	1712	1714	rVV	91181	107749	1.53%	0.116%
58	12.204	1718	1720	1723	rVV2	114265	100406	1.42%	0.108%
59	12.251	1725	1728	1729	rVV2	136550	138804	1.96%	0.150%
60	12.268	1729	1731	1733	rVV	273536	248436	3.52%	0.268%
61	12.292	1733	1735	1742	rVB2	156474	199391	2.82%	0.215%
62	12.351	1742	1745	1749	rVB3	92229	128754	1.82%	0.139%
63	12.421	1754	1757	1760	rVV	333134	321523	4.55%	0.347%
64	12.451	1760	1762	1764	rVV	334729	249184	3.53%	0.269%
65	12.474	1764	1766	1769	rVB	174030	126829	1.80%	0.137%
66	12.527	1772	1775	1778	rVV	357837	324956	4.60%	0.351%
67	12.563	1778	1781	1783	rVV3	169903	194776	2.76%	0.210%
68	12.610	1787	1789	1795	rVB	252265	222323	3.15%	0.240%
69	12.686	1799	1802	1808	rBV	1079989	979612	13.87%	1.057%
70	12.780	1816	1818	1821	rBV	240284	207189	2.93%	0.224%
71	12.810	1821	1823	1827	rVB3	102701	104123	1.47%	0.112%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : 5-C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	12.915	1836	1841	1843	rBV	1087542	1231461	17.43%	1.329%
73	12.933	1843	1844	1848	rVB	1464114	1134980	16.07%	1.225%
74	13.063	1862	1866	1873	rVB	6730411	6376307	90.27%	6.880%
75	13.139	1875	1879	1882	rBV3	145974	227079	3.21%	0.245%
76	13.233	1891	1895	1896	rBV4	89845	134141	1.90%	0.145%
77	13.315	1906	1909	1911	rVB	102665	93678	1.33%	0.101%
78	13.351	1912	1915	1918	rBV3	150062	140021	1.98%	0.151%
79	13.445	1928	1931	1933	rVB	104702	82517	1.17%	0.089%
80	13.474	1933	1936	1940	rBV	99234	97473	1.38%	0.105%
81	13.751	1981	1983	1989	rVB	163747	171136	2.42%	0.185%
82	13.957	2015	2018	2025	rBV	911602	856463	12.12%	0.924%
83	14.121	2040	2046	2048	rBV2	2646238	2949976	41.76%	3.183%
84	14.145	2048	2050	2058	rVB	526777	483953	6.85%	0.522%
85	14.286	2071	2074	2079	rVB3	107242	142229	2.01%	0.153%
86	14.539	2115	2117	2120	rVB2	121326	105879	1.50%	0.114%
87	14.592	2123	2126	2130	rVB2	213546	221160	3.13%	0.239%
88	14.909	2178	2180	2184	rVB	148032	137774	1.95%	0.149%
89	14.992	2191	2194	2206	rVB	735464	794078	11.24%	0.857%
90	15.180	2222	2226	2229	rBV	484756	717623	10.16%	0.774%
91	15.268	2238	2241	2243	rBV2	165130	175525	2.48%	0.189%
92	15.498	2276	2280	2286	rVB	337687	413775	5.86%	0.446%
93	15.562	2287	2291	2297	rVB	294224	376108	5.32%	0.406%
94	15.633	2297	2303	2306	rBV	1911976	2548090	36.07%	2.749%
95	15.662	2306	2308	2315	rVB2	375611	527964	7.47%	0.570%
96	16.133	2384	2388	2392	rBV	129664	196205	2.78%	0.212%
97	16.180	2393	2396	2408	rVB6	117421	252987	3.58%	0.273%
98	16.674	2477	2480	2484	rBV2	54267	87886	1.24%	0.095%
99	17.156	2557	2562	2568	rVB2	156612	298017	4.22%	0.322%
100	17.621	2636	2641	2649	rVB	124359	252123	3.57%	0.272%

Sum of corrected areas: 92676092

LSC Report - Integrated Chromatogram

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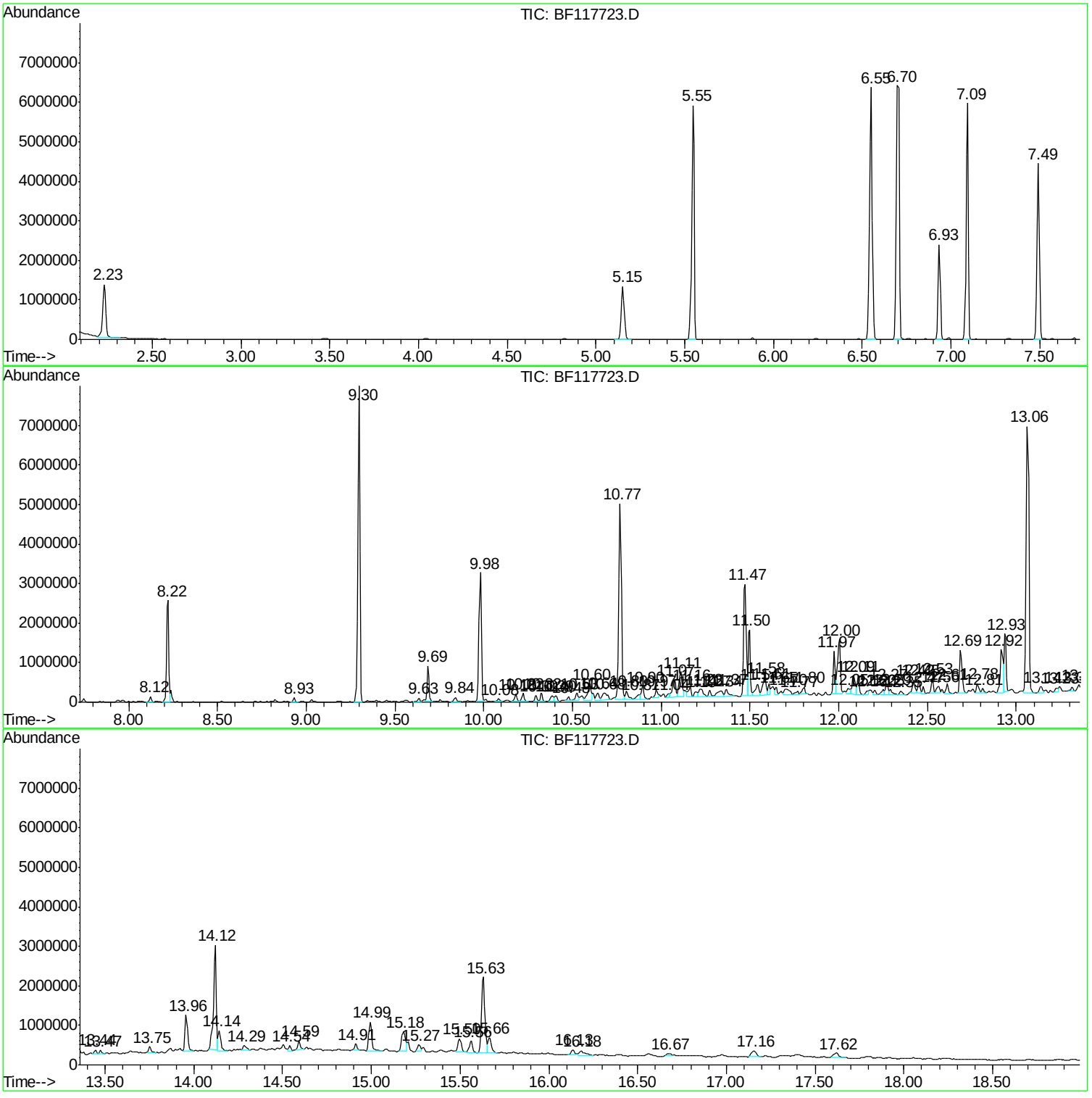
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5-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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
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Instrument : BNA_F
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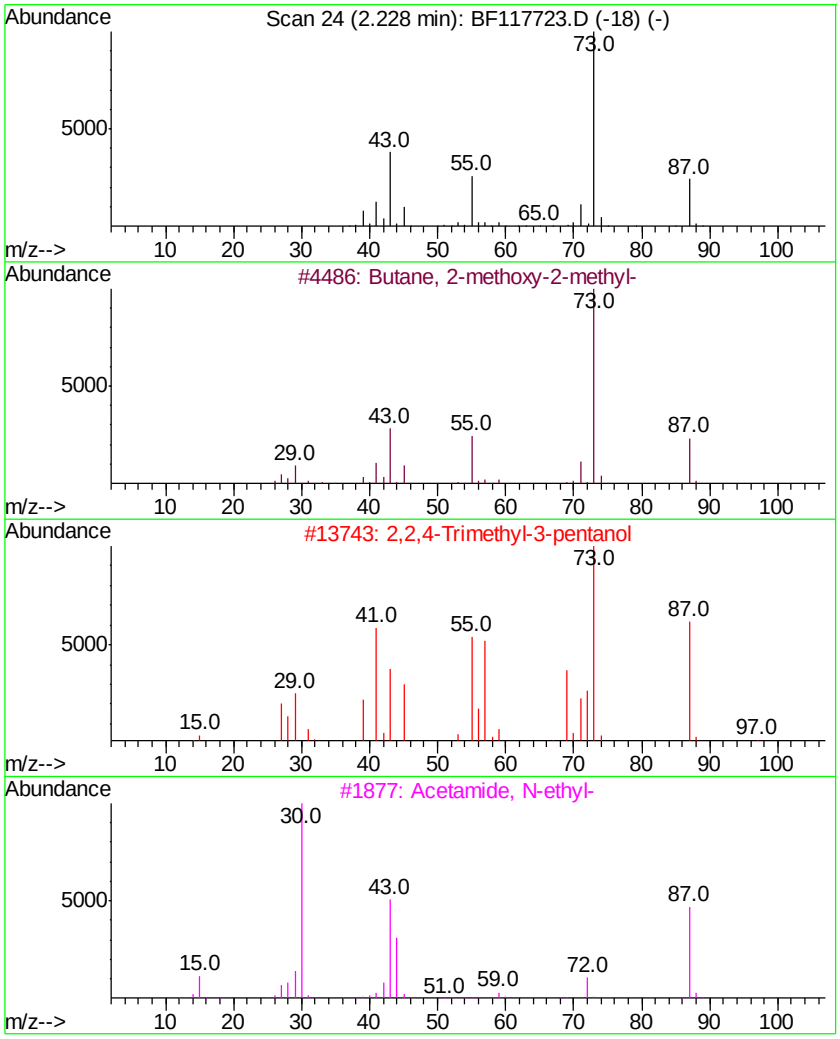
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

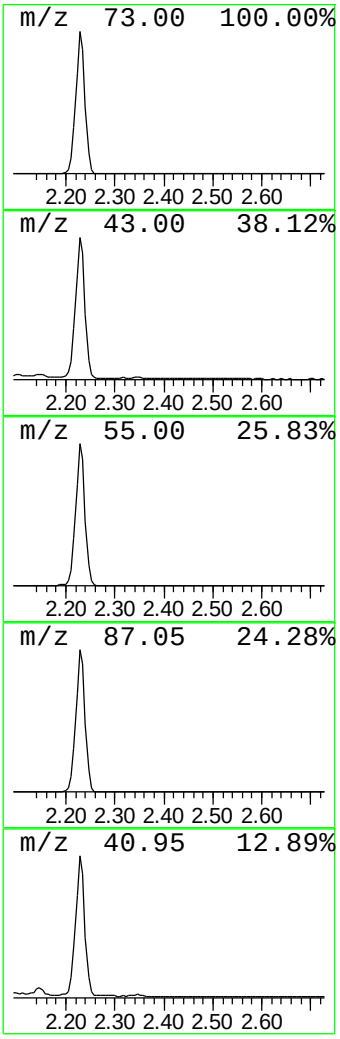
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	20.49 ng	1867520	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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
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TIC Library : C:\DATABASE\NIST11.L
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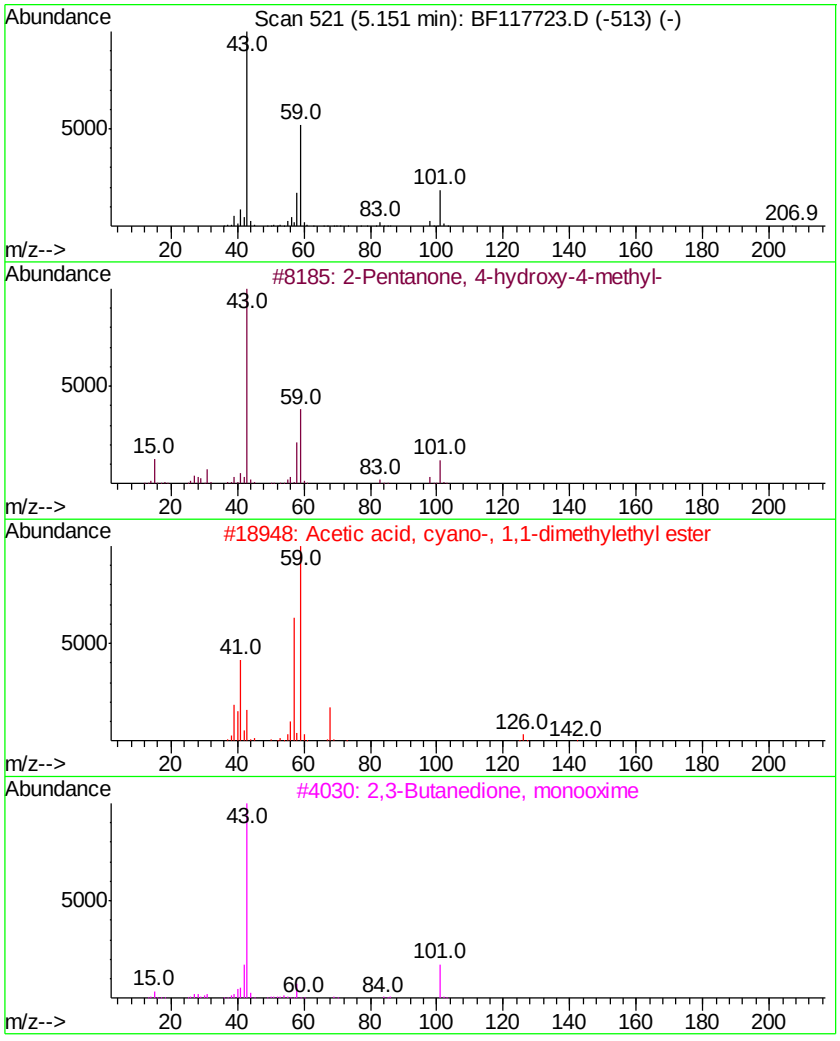
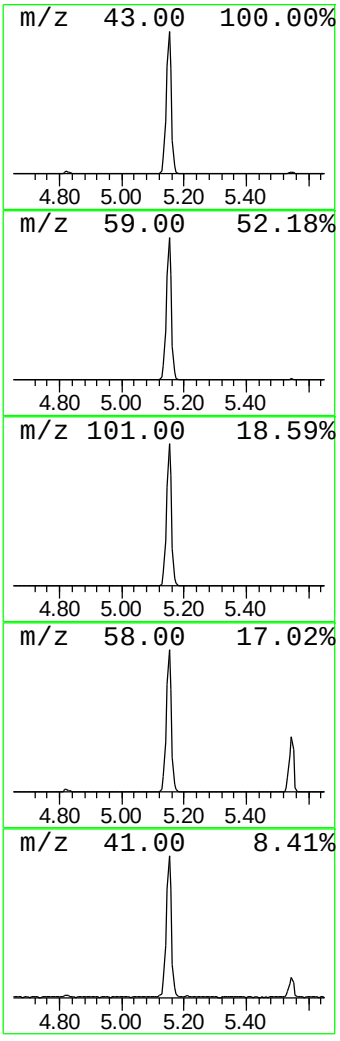
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	17.10 ng	1558820	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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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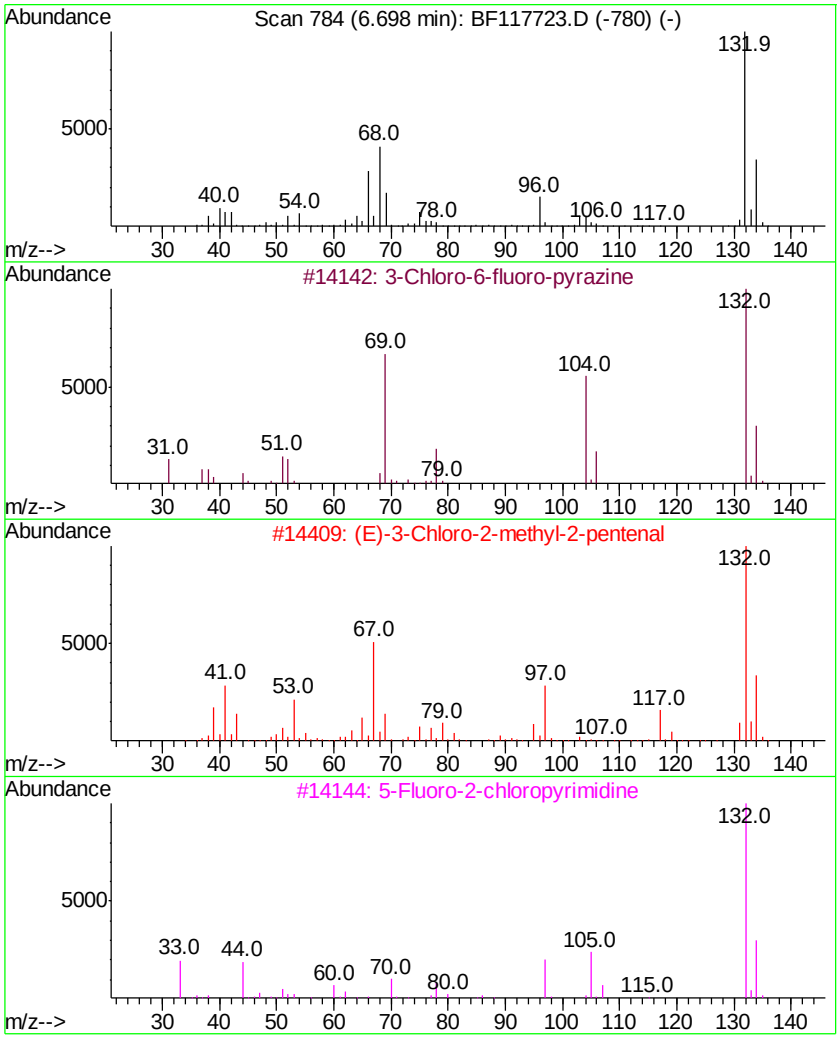
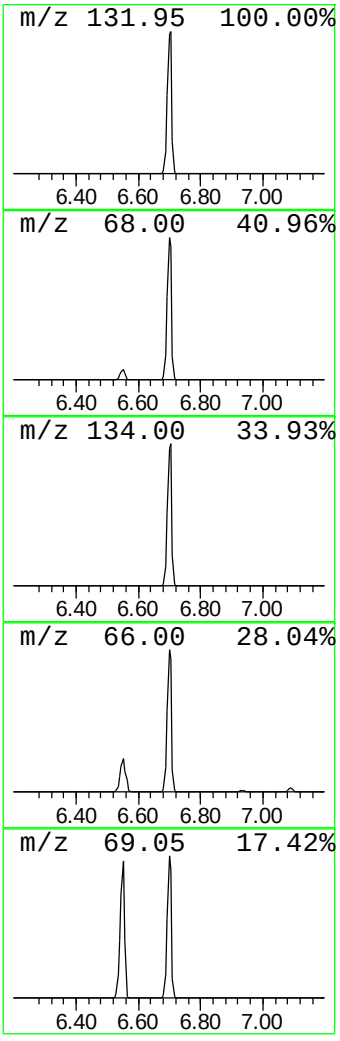
****

Peak Number 3 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	72.99 ng	6652650	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	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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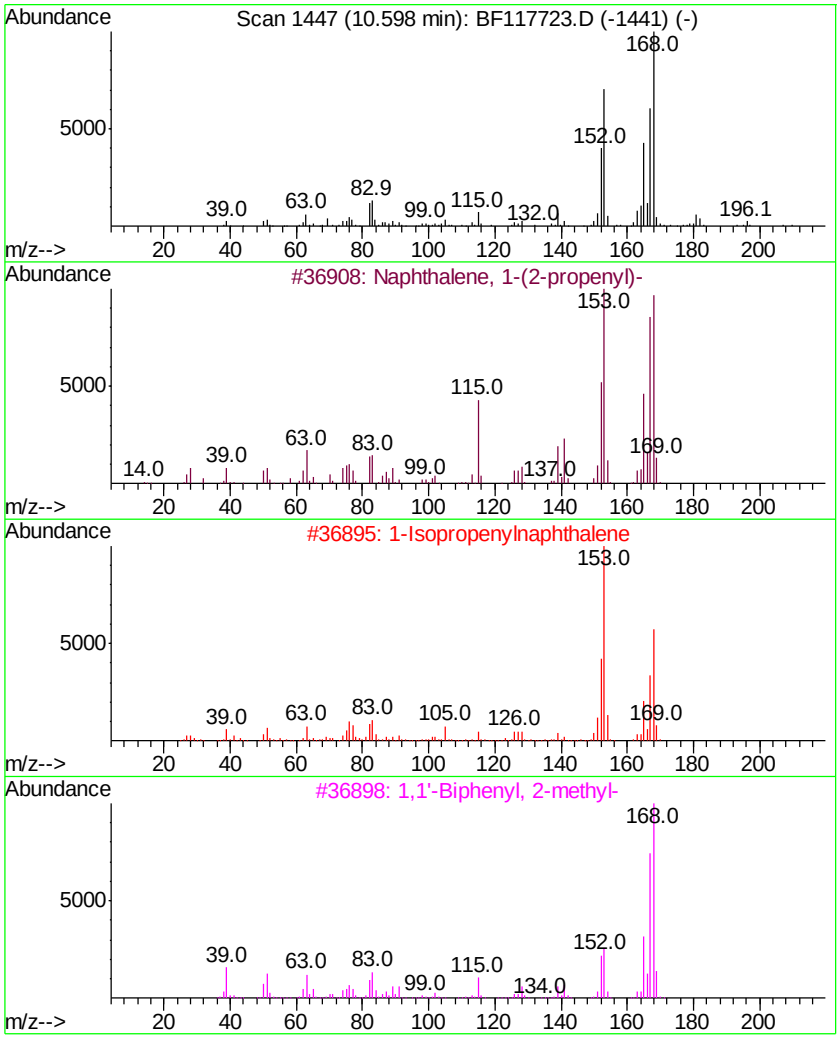
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

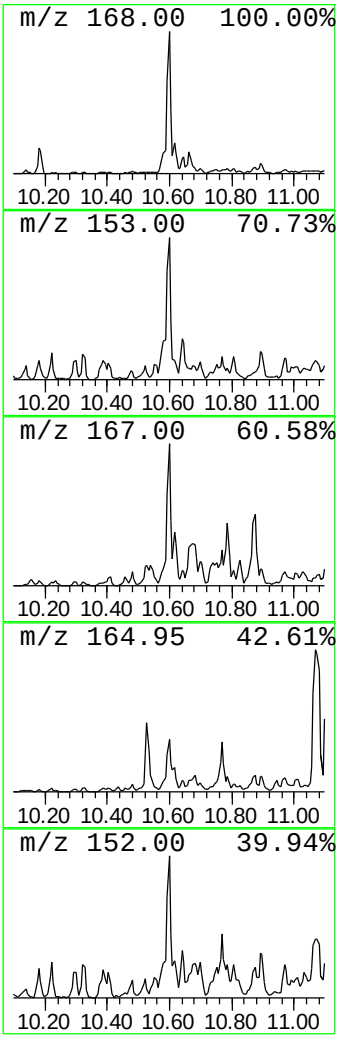
****

Peak Number 5 Naphthalene, 1-(2-propenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	4.03 ng	539820	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	53
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	49
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	47





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Data File : BF117723.D
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Operator : JU
Sample : K5722-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5-C

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

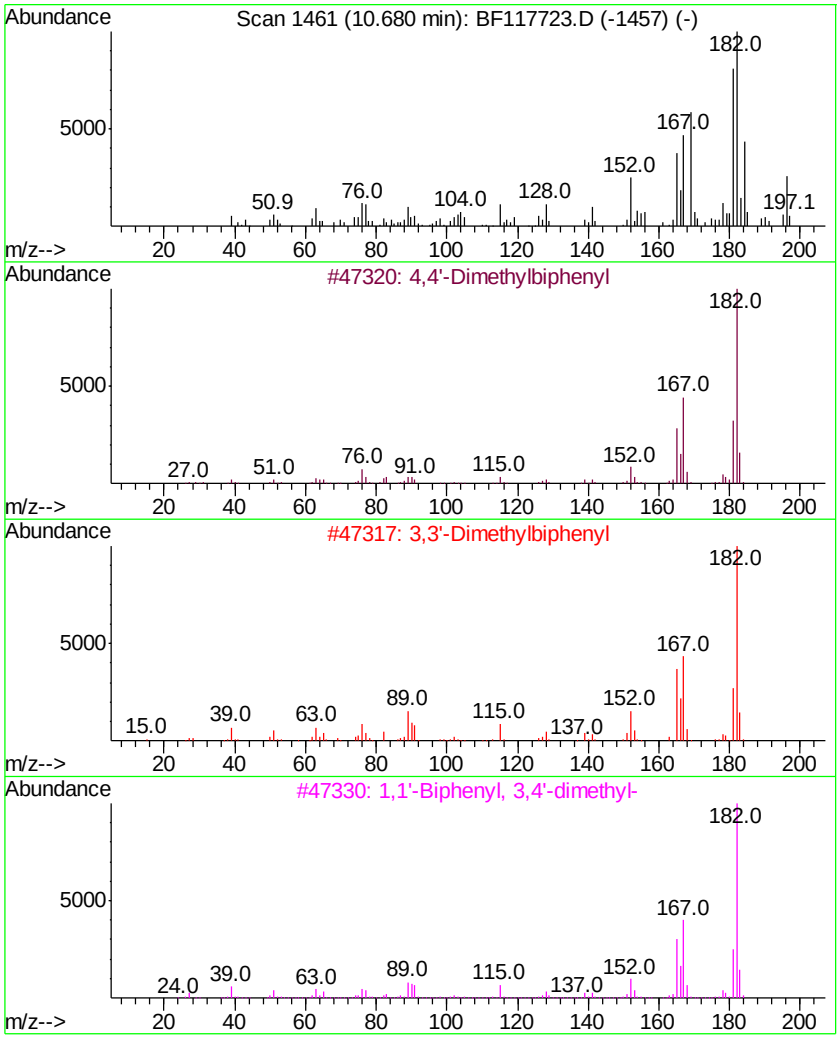
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

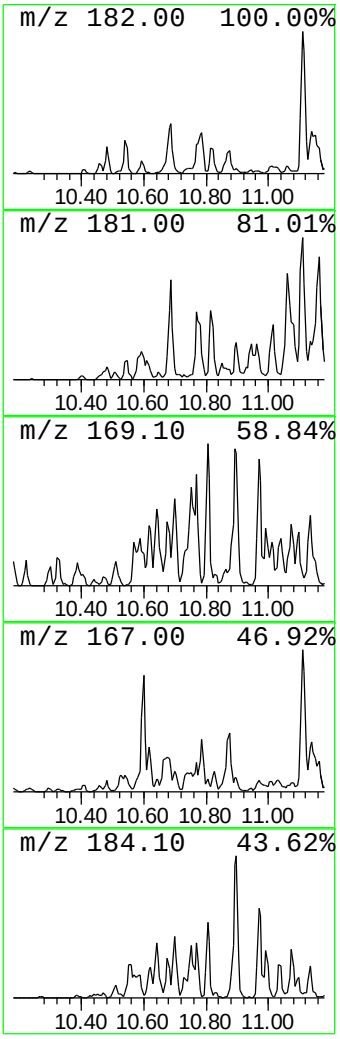
****

Peak Number 6 unknown10.68 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	2.55 ng	342063	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	45
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	45
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	43
4	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	42
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	38





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Acq On : 7 Nov 2019 23:35
Operator : JU
Sample : K5722-07
Misc :
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Instrument : BNA_F
ClientSampleId : 5-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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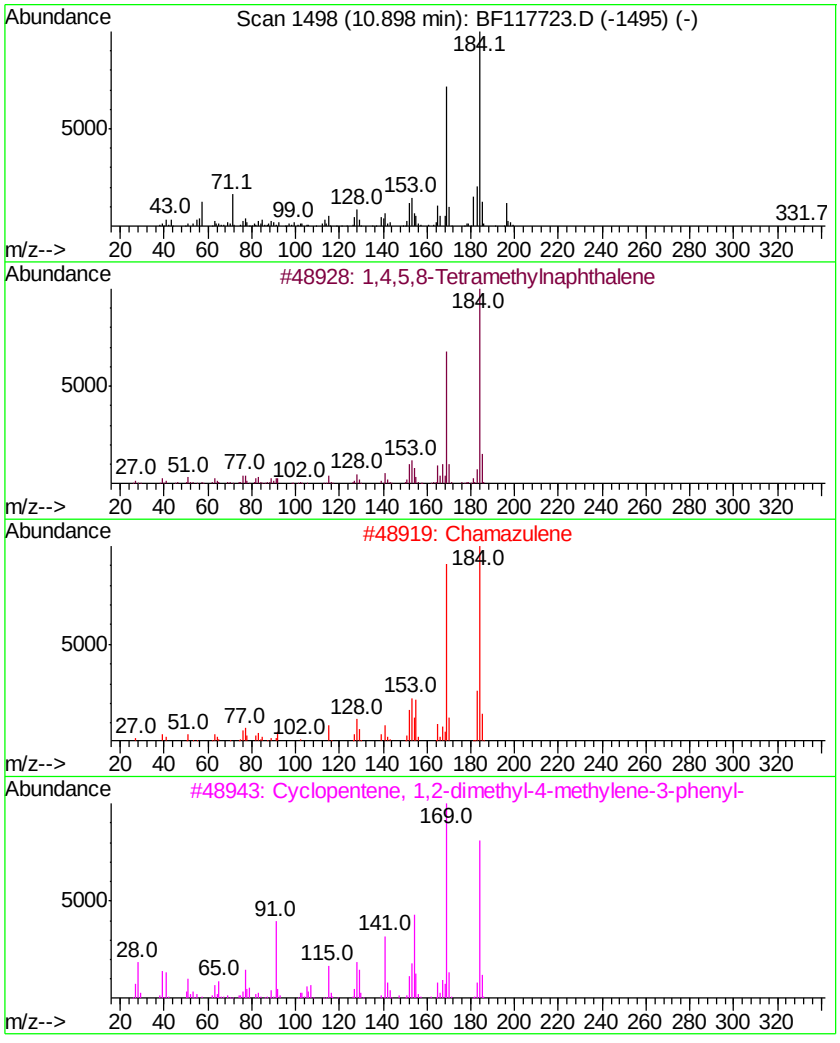
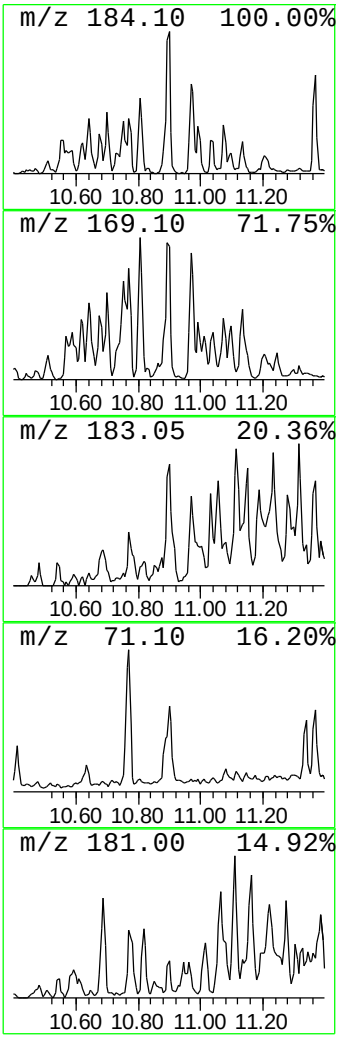
Peak Number 7 1,4,5,8-Tetramethylnaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.42 ng	337871	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	94
2	Chamazulene	184	C14H16	000529-05-5	93
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	76
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	70
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64





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Misc :
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Instrument : BNA_F
ClientSampleId : 5-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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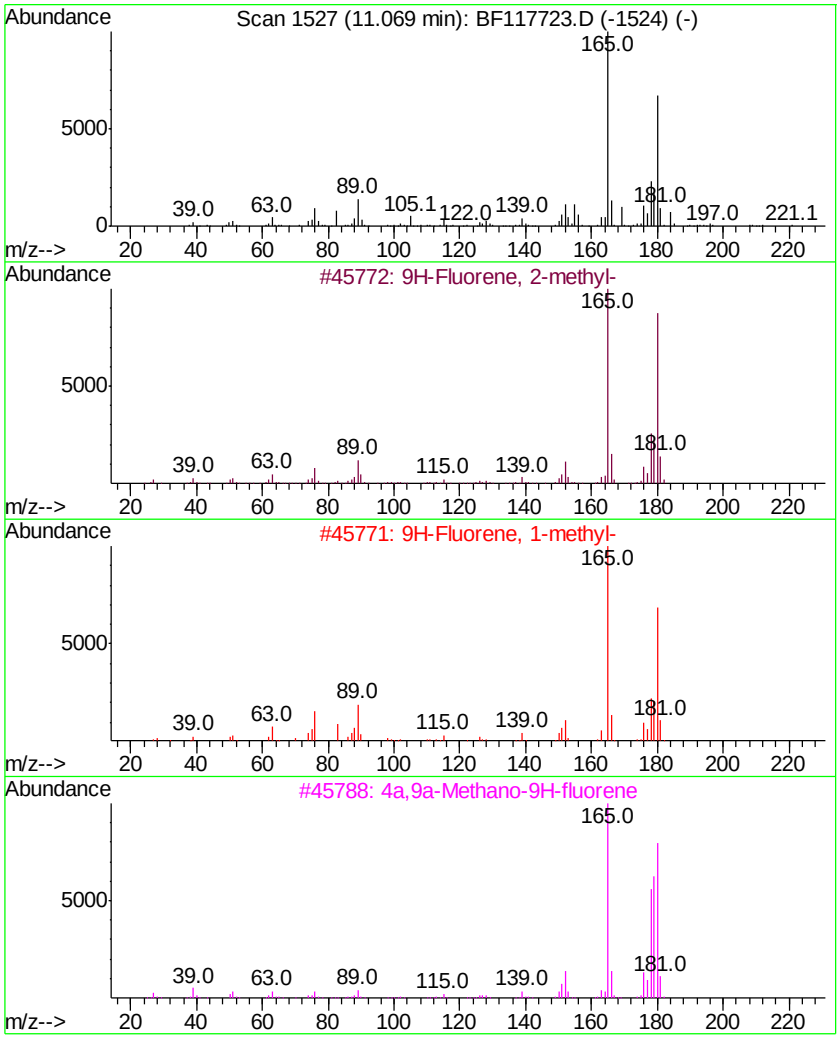
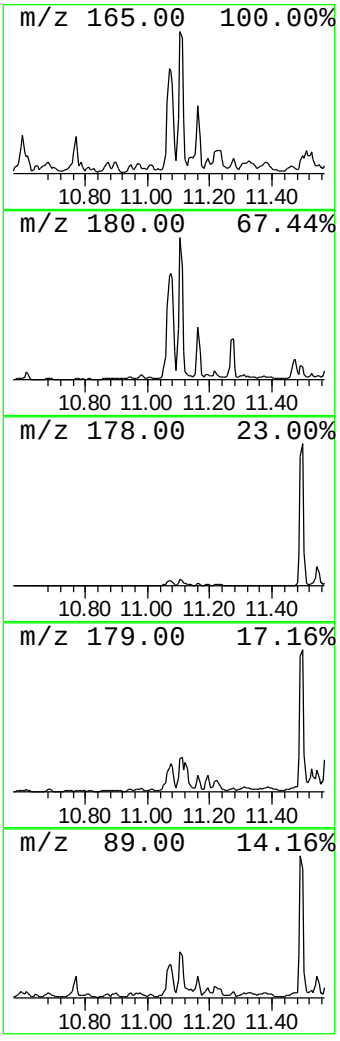
Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	4.84 ng	674721	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, 1-methyl-	180	C14H12	001730-37-6	86
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	78
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	68
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64





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Instrument : BNA_F
ClientSampleId : 5-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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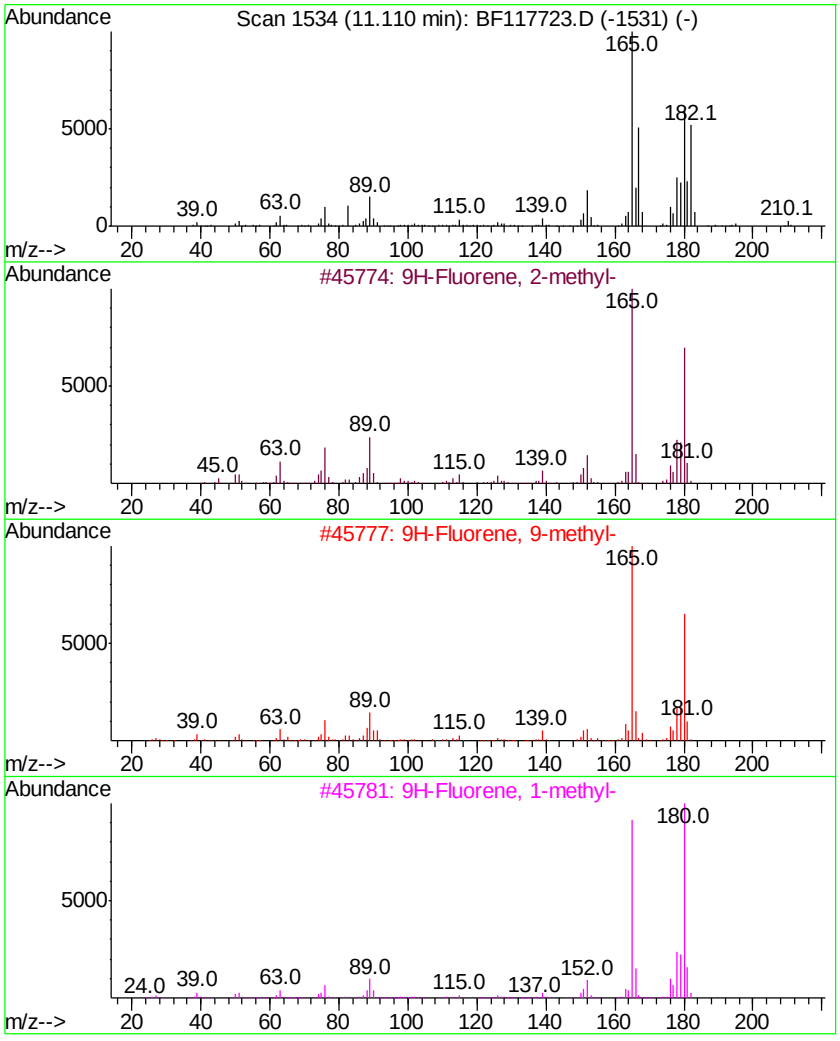
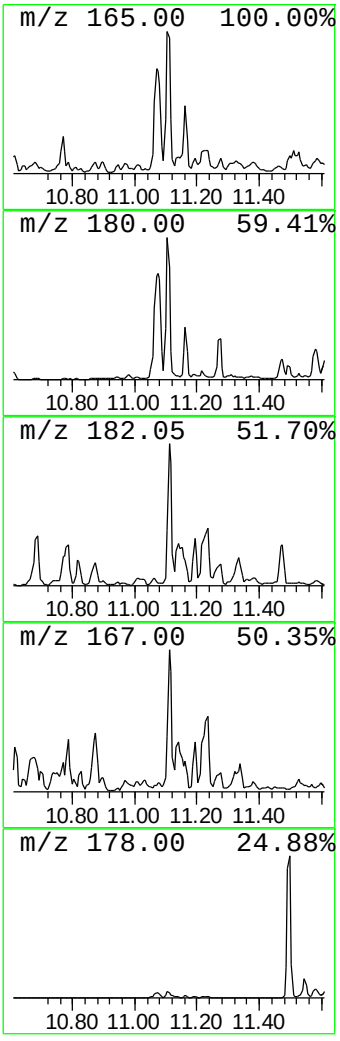
Peak Number 9 9H-Fluorene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	5.45 ng	760172	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	49
5	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	49





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ClientSampleId : 5-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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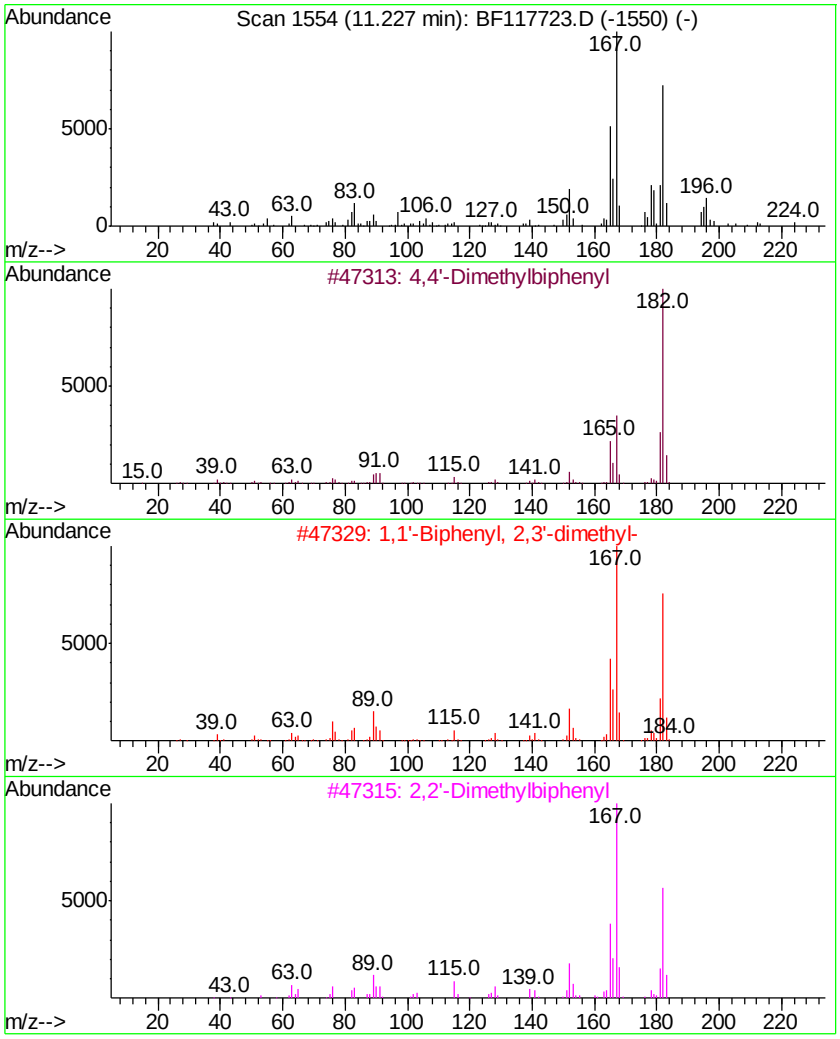
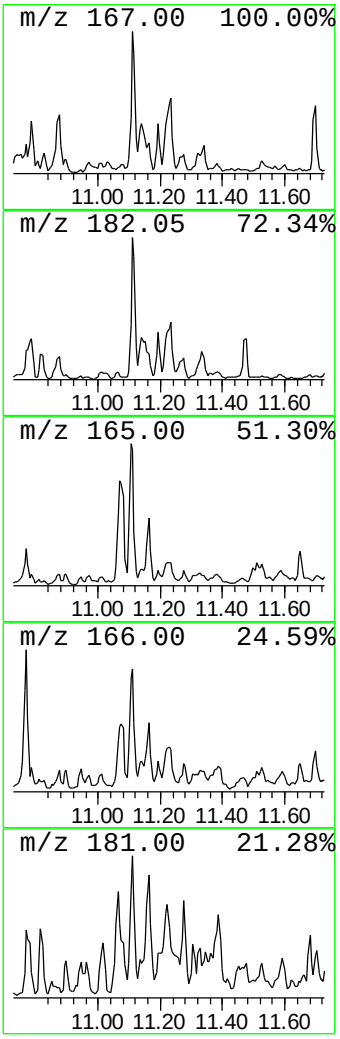
Peak Number 10 4,4'-Dimethylbiphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.61 ng	364724	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	81
3	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	81
4	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	74
5	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	70





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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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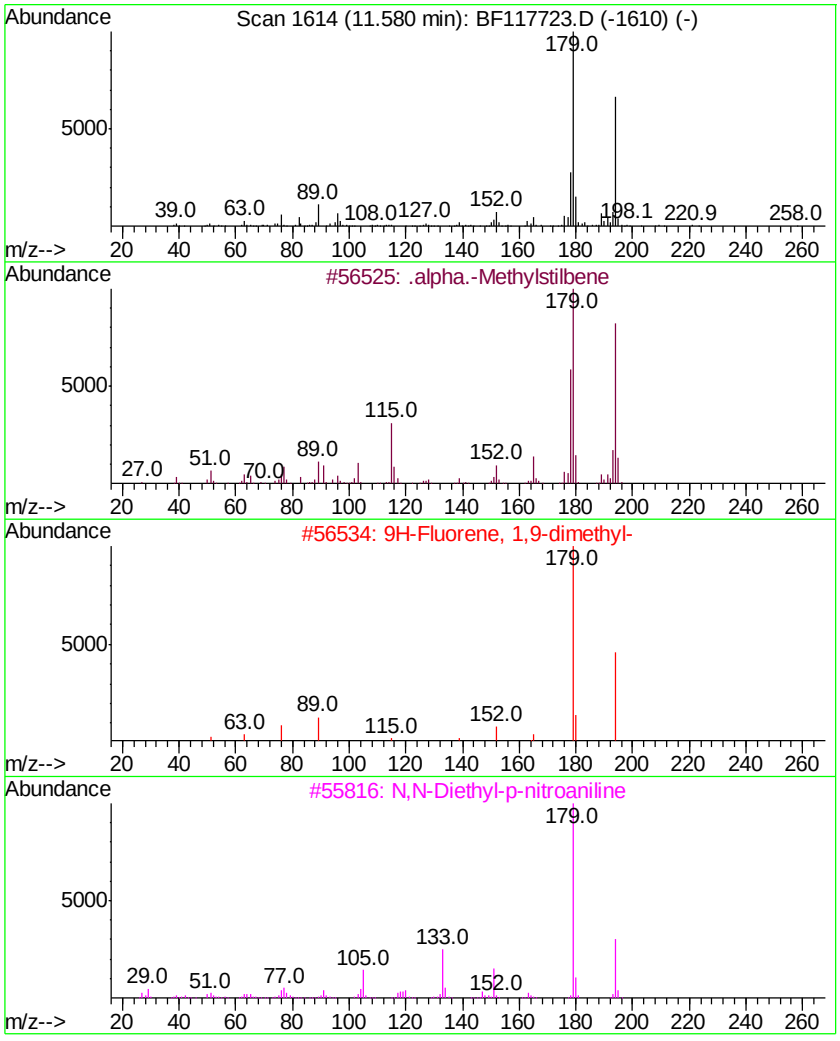
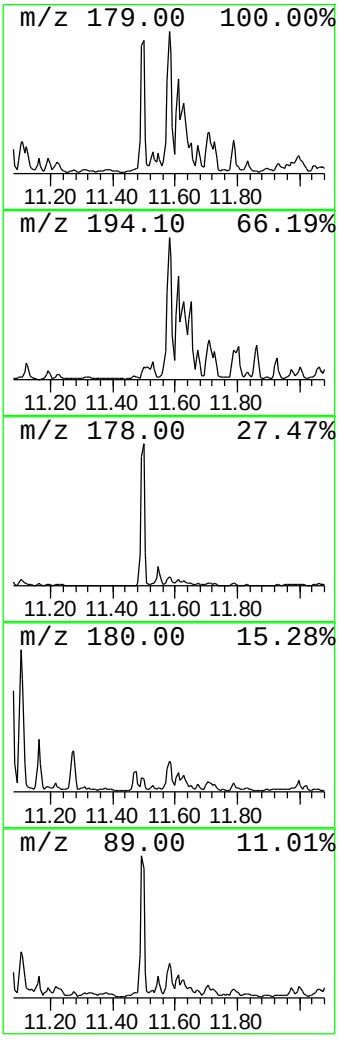
Peak Number 11 .alpha.-Methylstilbene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	4.51 ng	629459	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstilbene	194	C15H14	000779-51-1	81
2	9H-Fluorene, 1,9-dimethyl-	194	C15H14	017057-98-6	59
3	N,N-Diethyl-p-nitroaniline	194	C10H14N2O2	002216-15-1	59
4	Pyridine, 2-(phenylethynyl)-	179	C13H9N	013141-42-9	53
5	Benzene, 1,4-dimethoxy-2,3,5,6-t...	194	C12H18O2	013199-54-7	53





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Misc :
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Instrument : BNA_F
ClientSampleId : 5-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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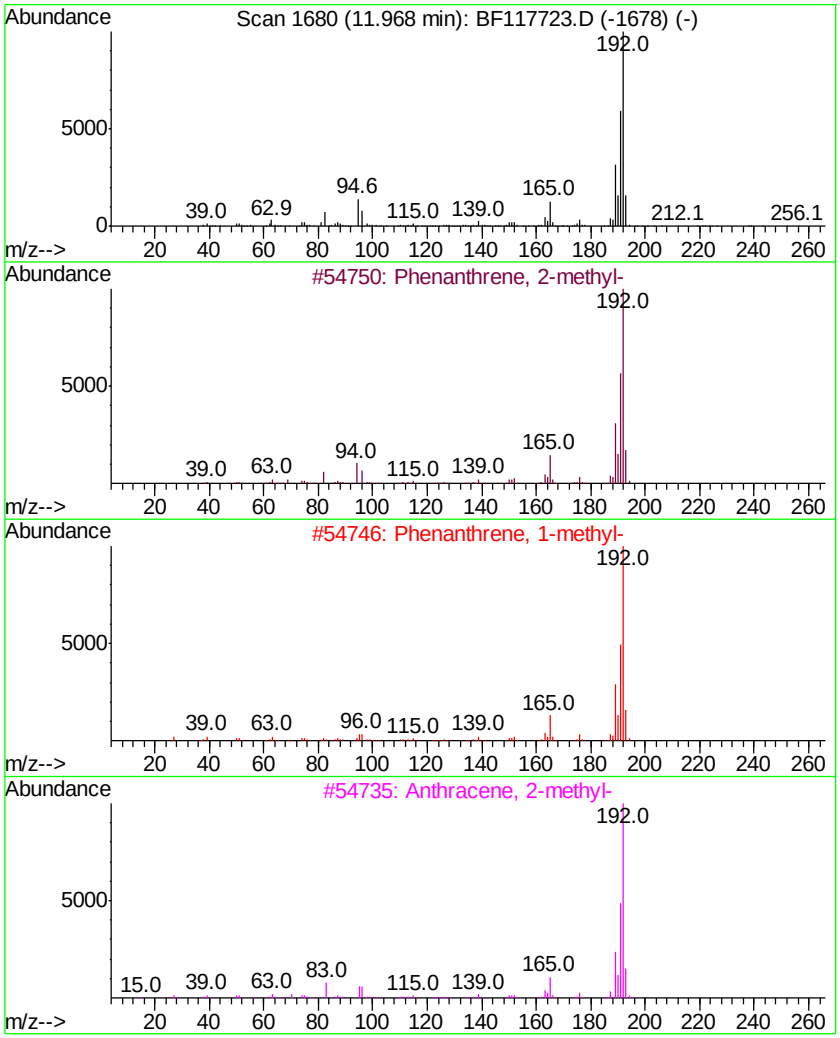
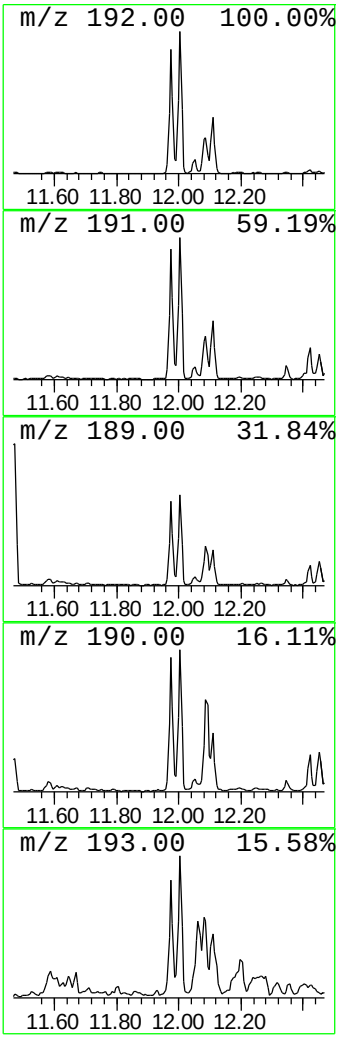
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	6.82 ng	951625	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	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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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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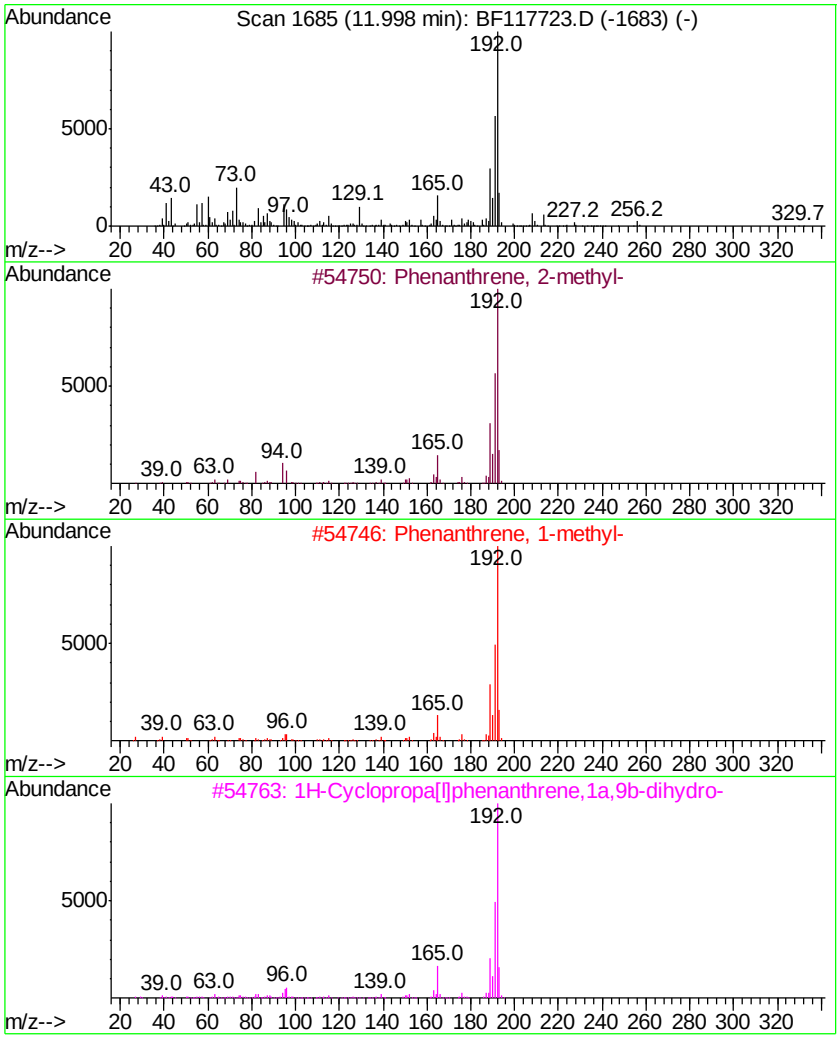
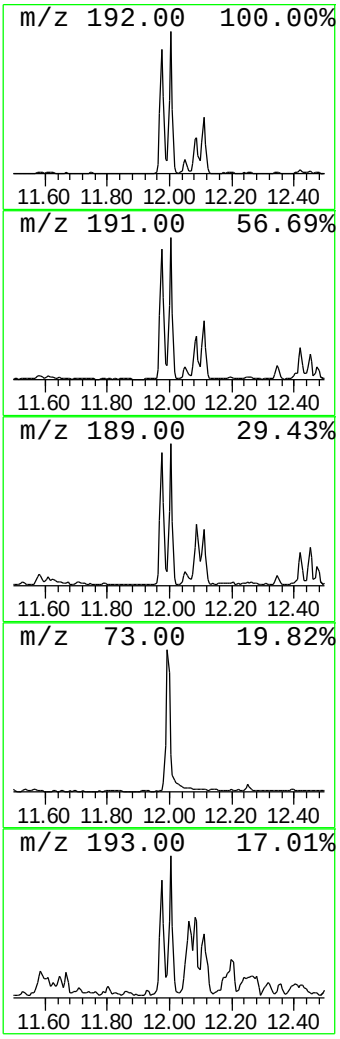
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	10.79 ng	1504640	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, 9-methyl-	192	C15H12	000779-02-2	95





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Misc :
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Instrument : BNA_F
ClientSampleId : 5-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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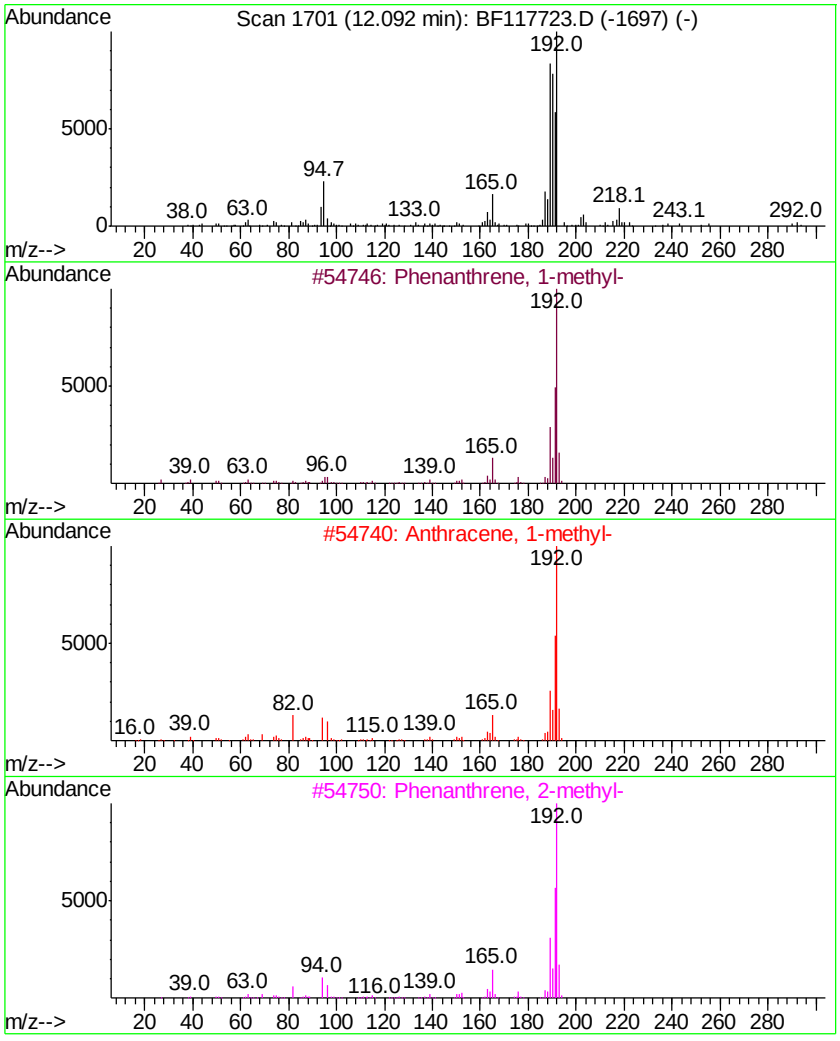
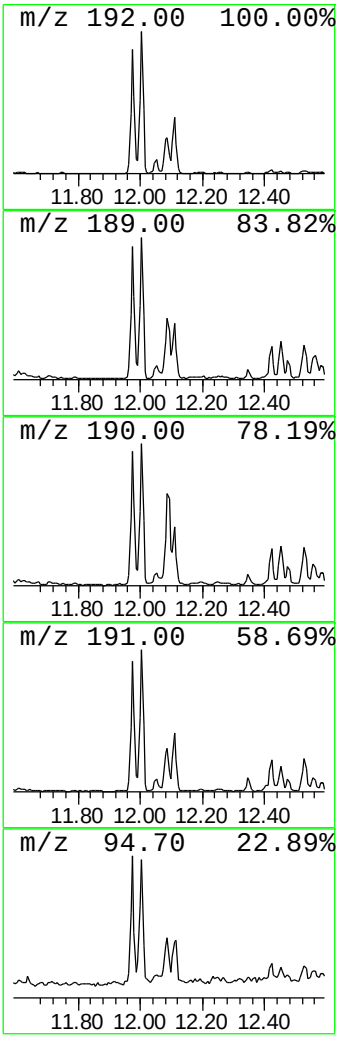
Peak Number 14 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.76 ng	524005	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	62
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	58
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	58





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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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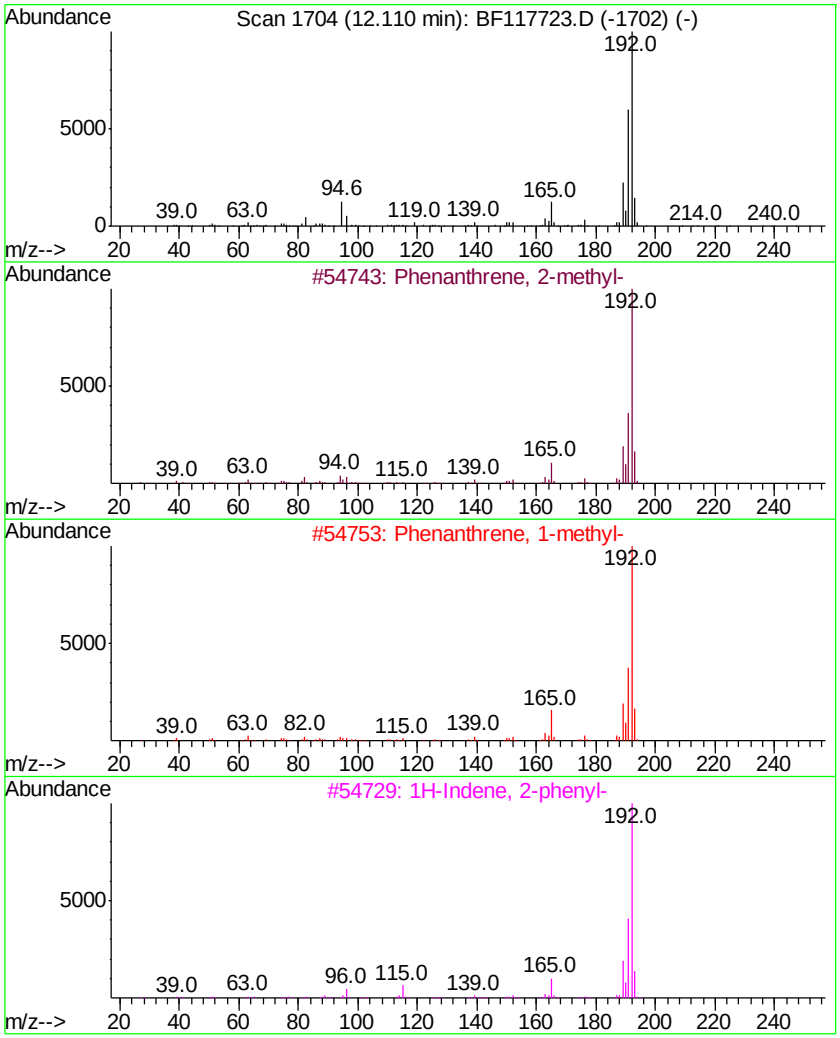
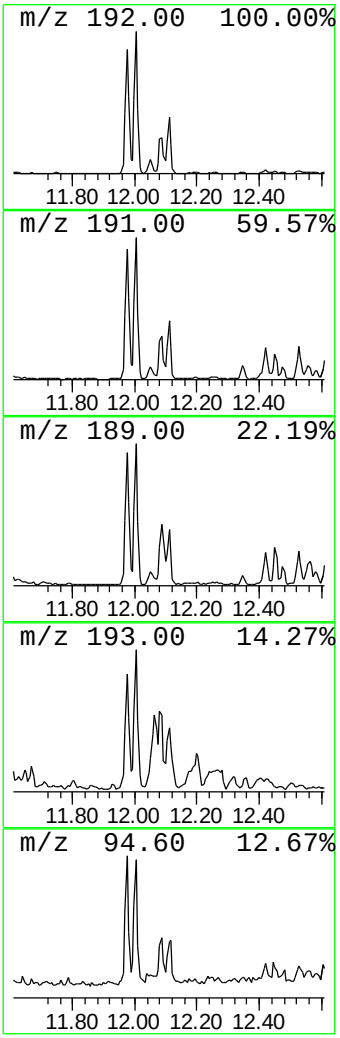
Peak Number 15 1H-Indene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.86 ng	398569	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	90





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Instrument : BNA_F
ClientSampleId : 5-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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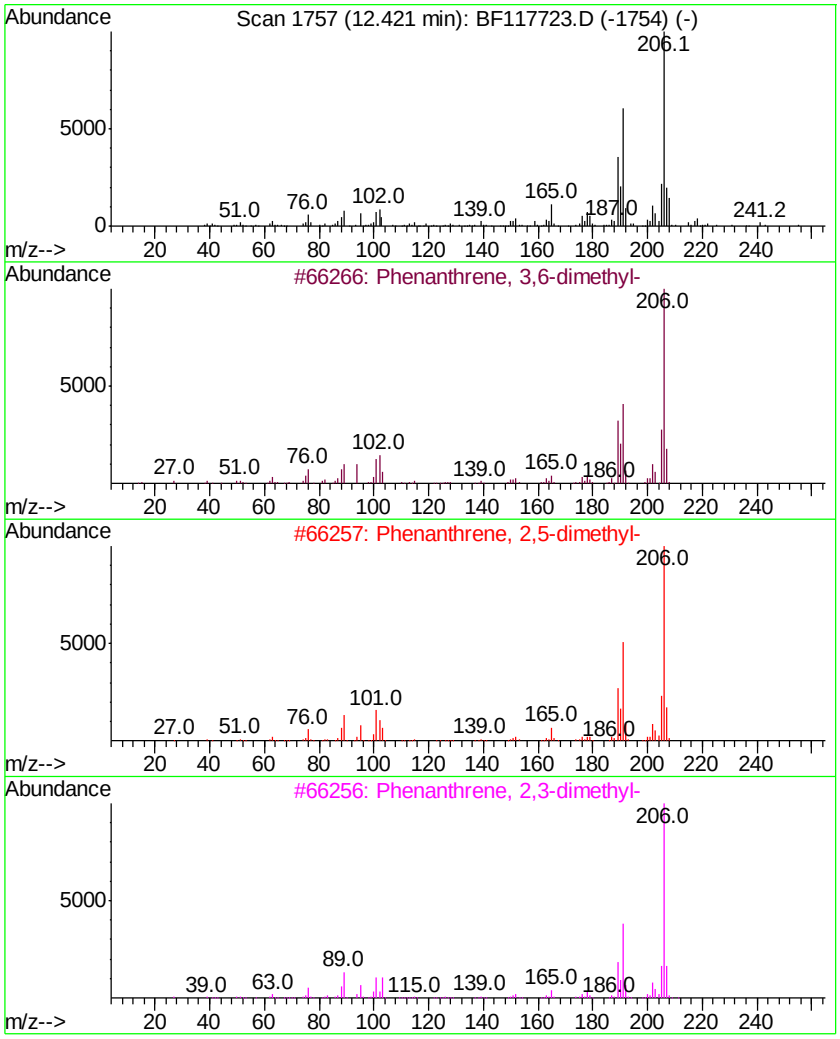
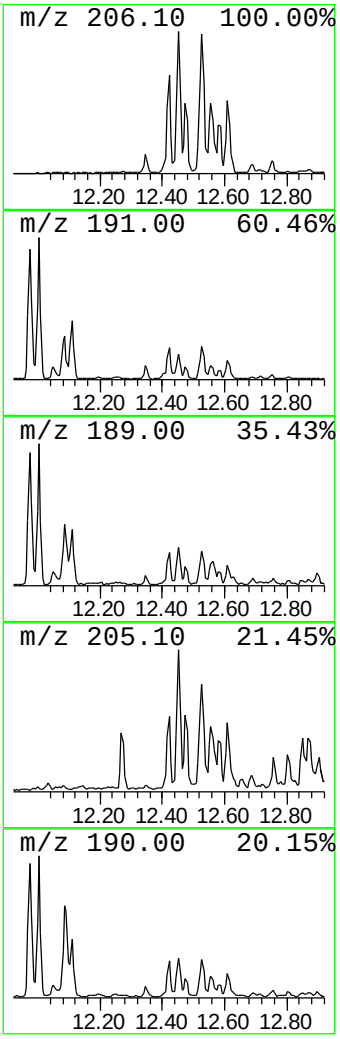
Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.31 ng	321523	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	81





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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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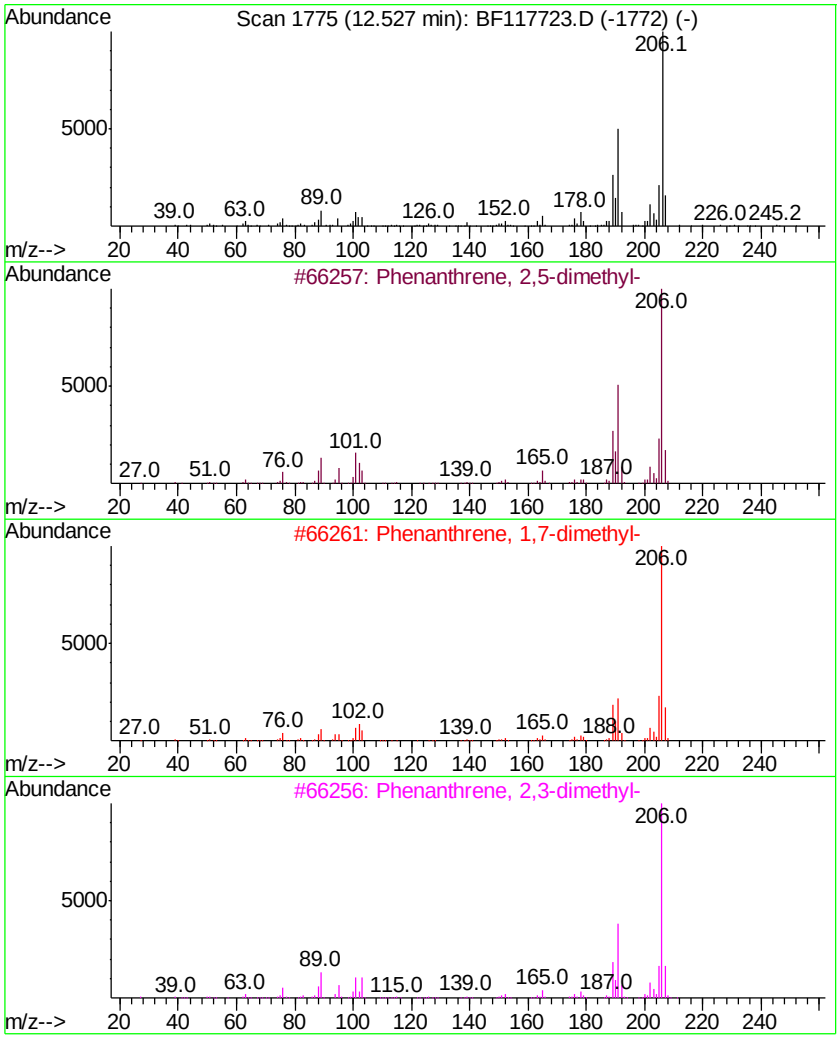
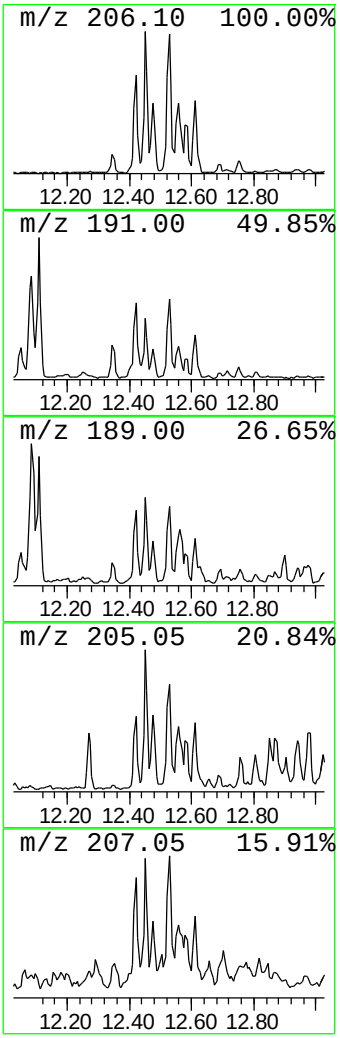
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.33 ng	324956	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





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Sample : K5722-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5-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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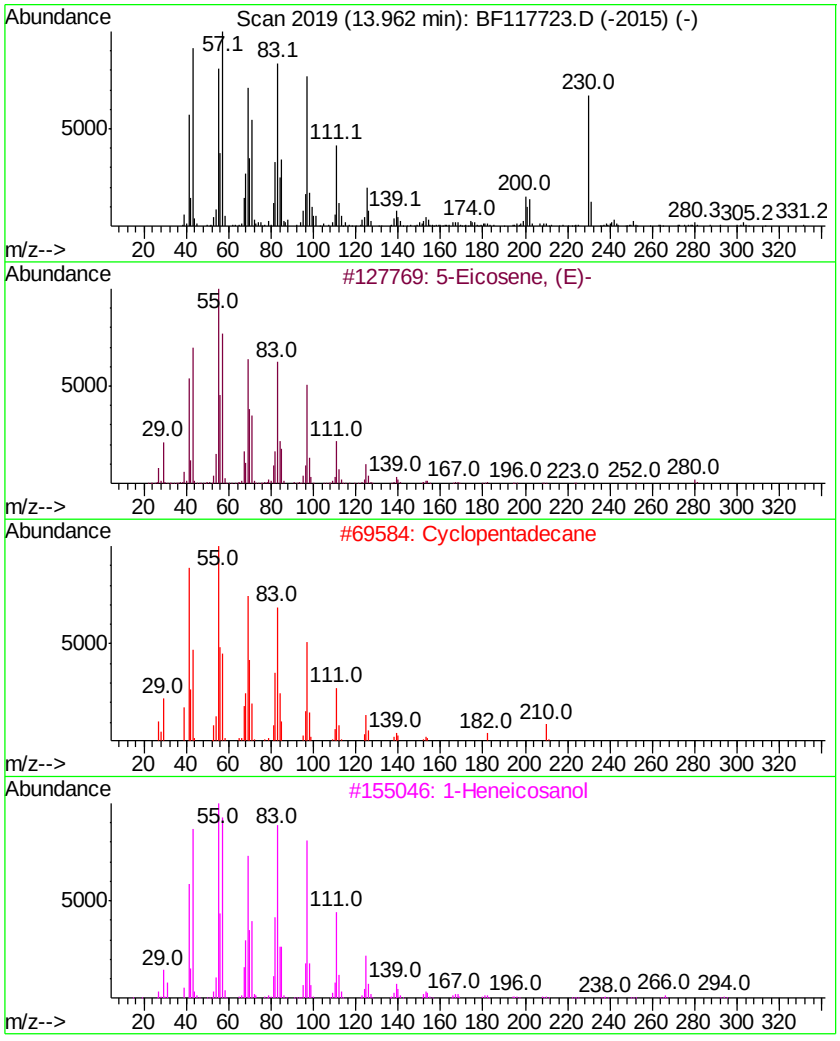
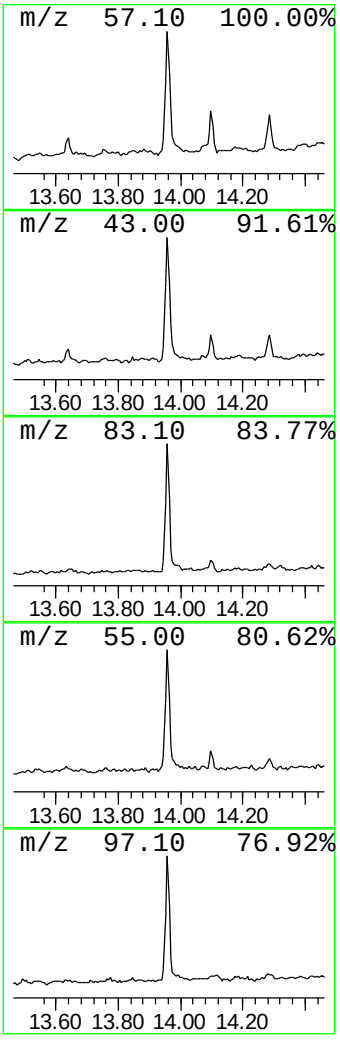
Peak Number 18 5-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	5.81 ng	856463	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117723.D
Acq On : 7 Nov 2019 23:35
Operator : JU
Sample : K5722-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5-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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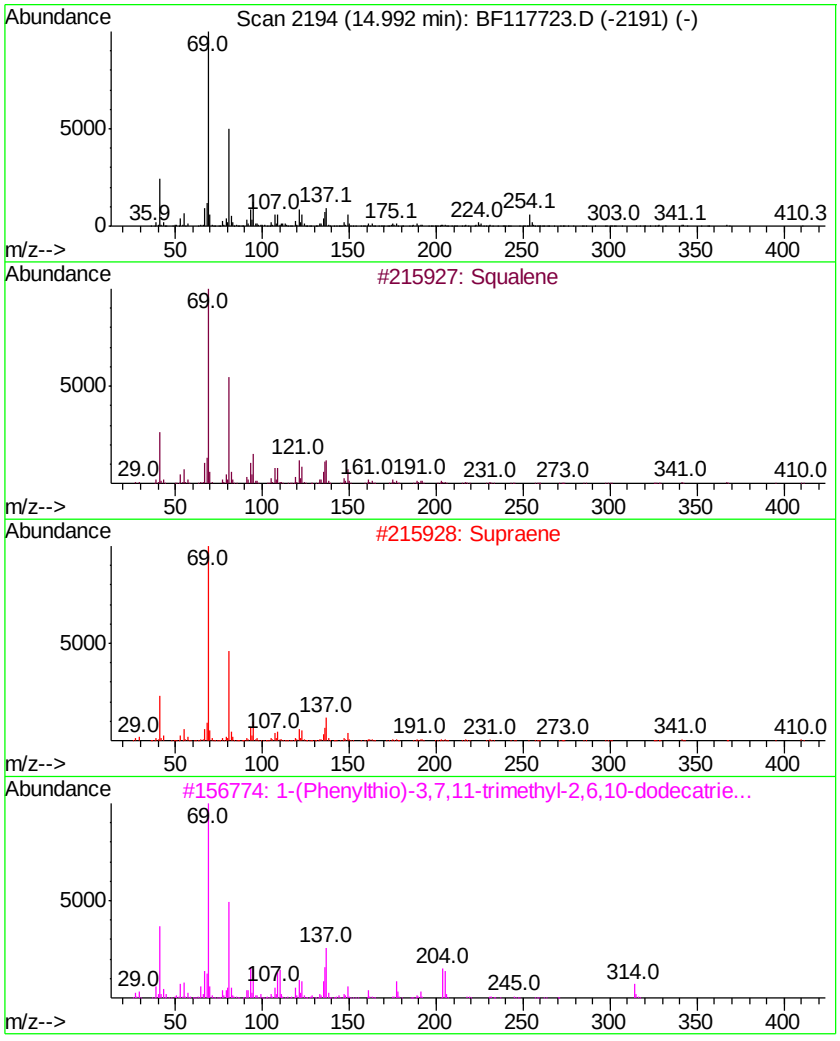
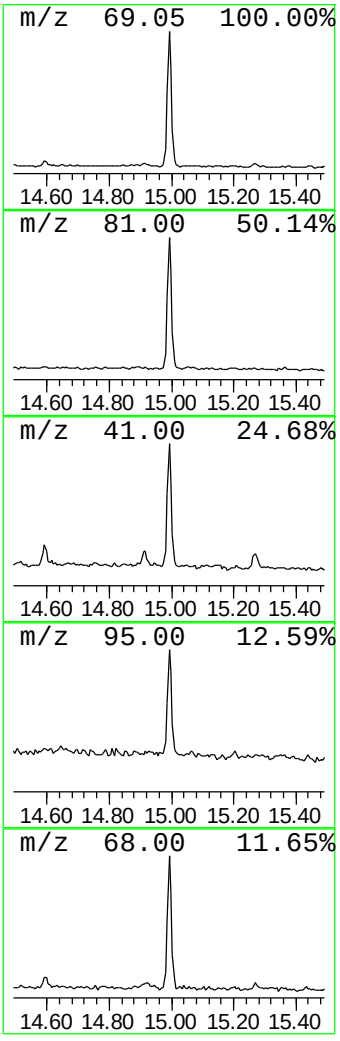
Peak Number 19 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	6.23 ng	794078	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	93
2	Supraene	410	C30H50	007683-64-9	91
3	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	78
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	78
5	1,5-Heptadiene, 2,3,6-trimethyl-	138	C10H18	033501-88-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117723.D
Acq On : 7 Nov 2019 23:35
Operator : JU
Sample : K5722-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5-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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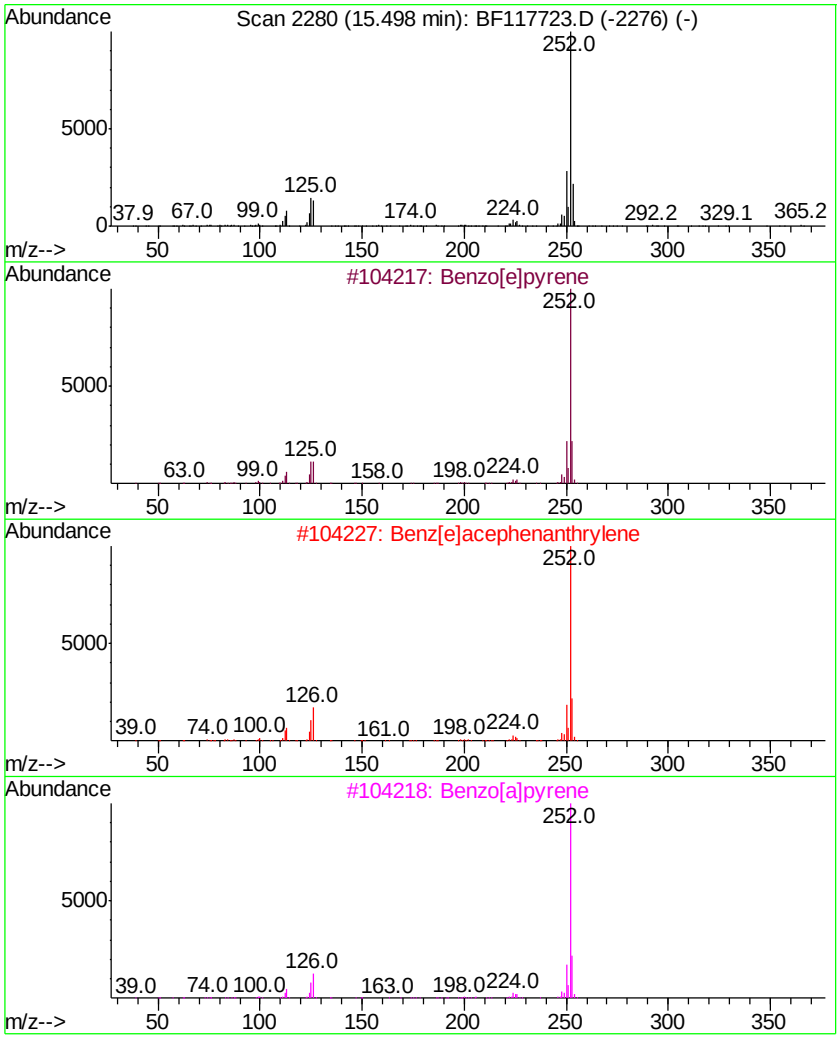
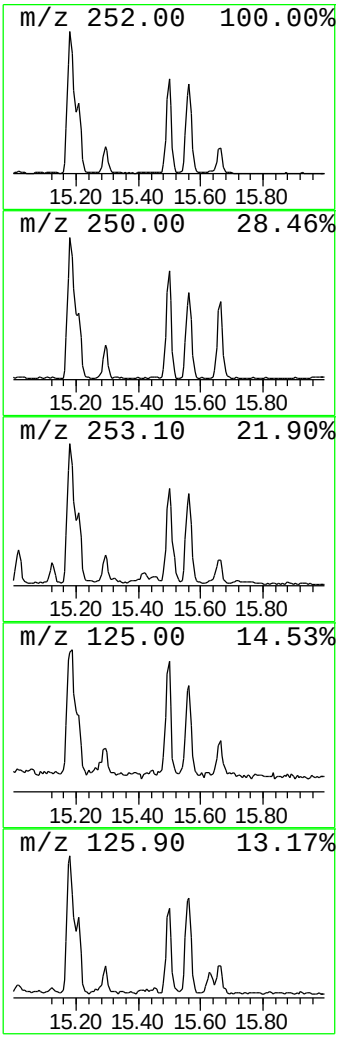
Peak Number 20 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	3.25 ng	413775	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
Data File : BF117723.D
Acq On : 7 Nov 2019 23:35
Operator : JU
Sample : K5722-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5-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...	2.23	20.5	ng	1867520	1	6.93	1822800	20.0
2-Pentanone, 4-hy...	5.15	17.1	ng	1558820	1	6.93	1822800	20.0
unknown6.70	6.70	73.0	ng	6652650	1	6.93	1822800	20.0
Naphthalene, 1-(2...	10.60	4.0	ng	539820	3	9.98	2680070	20.0
unknown10.68	10.68	2.5	ng	342063	3	9.98	2680070	20.0
1,4,5,8-Tetrameth...	10.90	2.4	ng	337871	4	11.47	2789550	20.0
9H-Fluorene, 2-me...	11.07	4.8	ng	674721	4	11.47	2789550	20.0
9H-Fluorene, 9-me...	11.11	5.5	ng	760172	4	11.47	2789550	20.0
4,4'-Dimethylbiph...	11.23	2.6	ng	364724	4	11.47	2789550	20.0
.alpha.-Methylsti...	11.58	4.5	ng	629459	4	11.47	2789550	20.0
Phenanthrene, 2-m...	11.97	6.8	ng	951625	4	11.47	2789550	20.0
Phenanthrene, 1-m...	12.00	10.8	ng	1504640	4	11.47	2789550	20.0
Anthracene, 1-met...	12.09	3.8	ng	524005	4	11.47	2789550	20.0
1H-Indene, 2-phenyl-	12.11	2.9	ng	398569	4	11.47	2789550	20.0
Phenanthrene, 3,6...	12.42	2.3	ng	321523	4	11.47	2789550	20.0
Phenanthrene, 2,5...	12.53	2.3	ng	324956	4	11.47	2789550	20.0
5-Eicosene, (E)-	13.96	5.8	ng	856463	5	14.12	2949980	20.0
Squalene	14.99	6.2	ng	794078	6	15.63	2548090	20.0
Benzo[e]pyrene	15.50	3.3	ng	413775	6	15.63	2548090	20.0