LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108295.D
Acq On : 20 Aug 2018 17:36
Operator : JU/SJ
Sample : J4521-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12003

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-BF080818.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	2.402	5	11	23	rVB	383333	553297	4.48%	0.341%
2	5.278	493	500	508	rBV	185598	266552	2.16%	0.164%
3	5.648	558	563	567	rBV	4047459	4463879	36.16%	2.751%
4	6.642	725	732	735	rBV	4244597	4653797	37.70%	2.868%
5	6.789	752	757	760	rBV	4859375	4605508	37.30%	2.839%
6	7.013	792	795	799	rBV	1227138	1119329	9.07%	0.690%
7	7.172	818	822	826	rBV	3824359	3606714	29.21%	2.223%
8	7.578	886	891	894	rBV	2726799	3023606	24.49%	1.864%
9	8.301	1009	1014	1016	rBV	1506562	1343847	10.89%	0.828%
10	9.372	1191	1196	1199	rBV	5267056	4877729	39.51%	3.006%
11	9.642	1237	1242	1246	rBV	217833	297133	2.41%	0.183%
12	9.713	1250	1254	1257	rVV	400242	413003	3.35%	0.255%
13	9.760	1260	1262	1268	rVV	331998	273833	2.22%	0.169%
14	10.060	1310	1313	1316	rVV2	1539633	1368281	11.08%	0.843%
15	10.095	1316	1319	1322	rVV	1287565	1087462	8.81%	0.670%
16	10.266	1343	1348	1351	rVV2	621693	688575	5.58%	0.424%
17	10.466	1377	1382	1387	rBV3	210937	315447	2.56%	0.194%
18	10.613	1403	1407	1411	rVV	1404118	1334370	10.81%	0.822%
19	10.695	1419	1421	1423	rVV2	349304	314350	2.55%	0.194%
20	10.766	1431	1433	1437	rVB	412200	375342	3.04%	0.231%
21	10.854	1444	1448	1452	rBV	2881790	2837255	22.98%	1.749%
22	11.160	1494	1500	1503	rBV	488211	598103	4.84%	0.369%
23	11.189	1503	1505	1508	rVV2	306990	304965	2.47%	0.188%
24	11.242	1511	1514	1517	rVV2	273027	266639	2.16%	0.164%
25	11.283	1517	1521	1523	rVV3	208578	314478	2.55%	0.194%
26	11.307	1523	1525	1530	rVV3	255359	319697	2.59%	0.197%
27	11.360	1530	1534	1537	rVV3	252754	279460	2.26%	0.172%
28	11.395	1537	1540	1544	rVV2	281443	354753	2.87%	0.219%
29	11.454	1547	1550	1557	rVB	701380	617922	5.01%	0.381%
30	11.560	1564	1568	1570	rBV	1175724	1347256	10.91%	0.830%
31	11.595	1570	1574	1576	rVV	6728569	7121861	57.69%	4.390%
32	11.642	1578	1582	1584	rVV	3229775	3058522	24.77%	1.885%
33	11.783	1603	1606	1611	rBV2	246890	387331	3.14%	0.239%
34	11.848	1615	1617	1620	rBV	346955	287537	2.33%	0.177%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : 72-12003

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.889	1621	1624	1628	rVB2	389553	374097	3.03%	0.231%
36	12.060	1648	1653	1656	rVV	1442768	1430241	11.59%	0.882%
37	12.089	1656	1658	1662	rVB	1890242	1643212	13.31%	1.013%
38	12.142	1662	1667	1669	rBV	887955	907529	7.35%	0.559%
39	12.183	1669	1674	1676	rVV	2486644	3263078	26.43%	2.011%
40	12.201	1676	1677	1680	rVB	1072017	467601	3.79%	0.288%
41	12.354	1700	1703	1706	rVV	1132197	1032541	8.36%	0.636%
42	12.389	1706	1709	1714	rVB	482722	461723	3.74%	0.285%
43	12.507	1726	1729	1731	rVB	348463	267900	2.17%	0.165%
44	12.613	1743	1747	1750	rBV	882883	1041641	8.44%	0.642%
45	12.654	1750	1754	1759	rVB2	600422	963120	7.80%	0.594%
46	12.713	1759	1764	1768	rBV3	584398	795216	6.44%	0.490%
47	12.795	1772	1778	1781	rBV	7685657	10964155	88.81%	6.758%
48	12.842	1784	1786	1789	rVB	345044	282149	2.29%	0.174%
49	12.936	1794	1802	1805	rBV	576657	846751	6.86%	0.522%
50	13.030	1810	1818	1821	rBV3	7407630	12345558	100.00%	7.609%
51	13.060	1821	1823	1827	rVB	780234	697058	5.65%	0.430%
52	13.148	1827	1838	1840	rBV2	4071402	4505859	36.50%	2.777%
53	13.171	1840	1842	1846	rVB	518432	494747	4.01%	0.305%
54	13.230	1847	1852	1856	rBV3	907025	1601025	12.97%	0.987%
55	13.318	1863	1867	1868	rBV3	656887	777141	6.29%	0.479%
56	13.342	1868	1871	1874	rVB	2197815	2226756	18.04%	1.373%
57	13.413	1879	1883	1885	rBV	1878612	1782846	14.44%	1.099%
58	13.448	1885	1889	1892	rVV2	1325161	1511966	12.25%	0.932%
59	13.542	1902	1905	1907	rBV	889286	714665	5.79%	0.440%
60	13.571	1907	1910	1913	rVB	870991	685723	5.55%	0.423%
61	13.742	1936	1939	1941	rVV2	313307	409072	3.31%	0.252%
62	13.760	1941	1942	1945	rVV	330516	281573	2.28%	0.174%
63	13.824	1949	1953	1955	rVV3	358764	471553	3.82%	0.291%
64	13.854	1955	1958	1962	rVV	665738	807739	6.54%	0.498%
65	13.965	1972	1977	1979	rBV2	1083991	1236644	10.02%	0.762%
66	13.995	1979	1982	1984	rVV	1174304	1157134	9.37%	0.713%
67	14.024	1984	1987	1990	rVV2	1097668	1410557	11.43%	0.869%
68	14.060	1990	1993	1997	rVV2	614591	844850	6.84%	0.521%
69	14.136	2001	2006	2012	rBV	277278	458978	3.72%	0.283%
70	14.218	2012	2020	2023	rBV2	5459648	8358553	67.70%	5.152%
71	14.254	2023	2026	2029	rVV	4760216	5244920	42.48%	3.233%

LSC Area Percent Report

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Sample : J4521-13
Misc :
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Instrument : BNA_F
ClientSampleId : 72-12003

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
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.330	2036	2039	2043	rVV	1392263	1397104	11.32%	0.861%
73	14.365	2043	2045	2048	rVV3	529513	625538	5.07%	0.386%
74	14.407	2050	2052	2054	rVV	474343	425461	3.45%	0.262%
75	14.442	2054	2058	2061	rVV2	660010	848649	6.87%	0.523%
76	14.536	2071	2074	2076	rVV2	304437	402818	3.26%	0.248%
77	14.565	2076	2079	2081	rVV2	591680	735812	5.96%	0.454%
78	14.607	2081	2086	2089	rVV	1373614	2010835	16.29%	1.239%
79	14.642	2089	2092	2096	rVV	731666	934664	7.57%	0.576%
80	14.689	2096	2100	2101	rVV3	361899	504777	4.09%	0.311%
81	14.707	2101	2103	2106	rVV	673283	756182	6.13%	0.466%
82	14.736	2106	2108	2110	rVV	719688	764641	6.19%	0.471%
83	14.760	2110	2112	2116	rVV2	863015	958760	7.77%	0.591%
84	14.807	2116	2120	2127	rVB4	574381	1016021	8.23%	0.626%
85	15.065	2161	2164	2168	rVB2	513916	610942	4.95%	0.377%
86	15.136	2173	2176	2184	rVB2	348282	535451	4.34%	0.330%
87	15.330	2201	2209	2212	rBV	3032139	6310647	51.12%	3.890%
88	15.395	2216	2220	2223	rVB2	162578	271079	2.20%	0.167%
89	15.436	2223	2227	2231	rBV	846266	950504	7.70%	0.586%
90	15.530	2239	2243	2244	rBV2	256578	313457	2.54%	0.193%
91	15.659	2259	2265	2271	rVB	1930387	2987247	24.20%	1.841%
92	15.736	2271	2278	2281	rBV	3046493	4366765	35.37%	2.692%
93	15.789	2284	2287	2290	rVV	536359	757544	6.14%	0.467%
94	15.830	2290	2294	2299	rVB2	929701	1367116	11.07%	0.843%
95	16.406	2388	2392	2396	rBV	261836	365665	2.96%	0.225%
96	17.430	2557	2566	2573	rVB2	1139866	2541202	20.58%	1.566%
97	17.612	2592	2597	2602	rVB2	235489	460676	3.73%	0.284%
98	17.677	2603	2608	2613	rBV2	192202	380793	3.08%	0.235%
99	17.930	2643	2651	2665	rVB	749678	1950026	15.80%	1.202%
100	18.183	2689	2694	2709	rVB2	290087	845503	6.85%	0.521%

Sum of corrected areas: 162239583

LSC Report - Integrated Chromatogram

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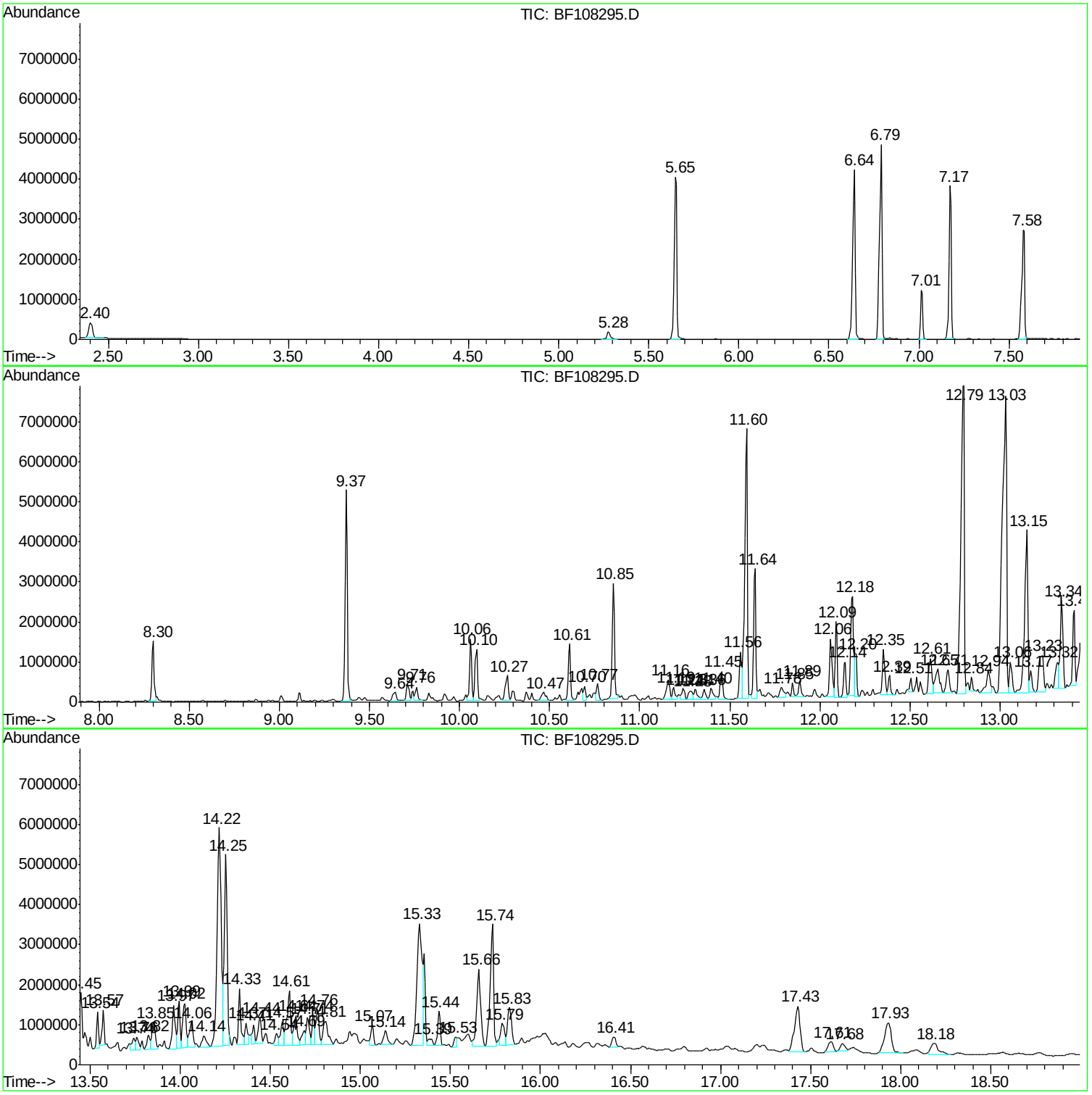
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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

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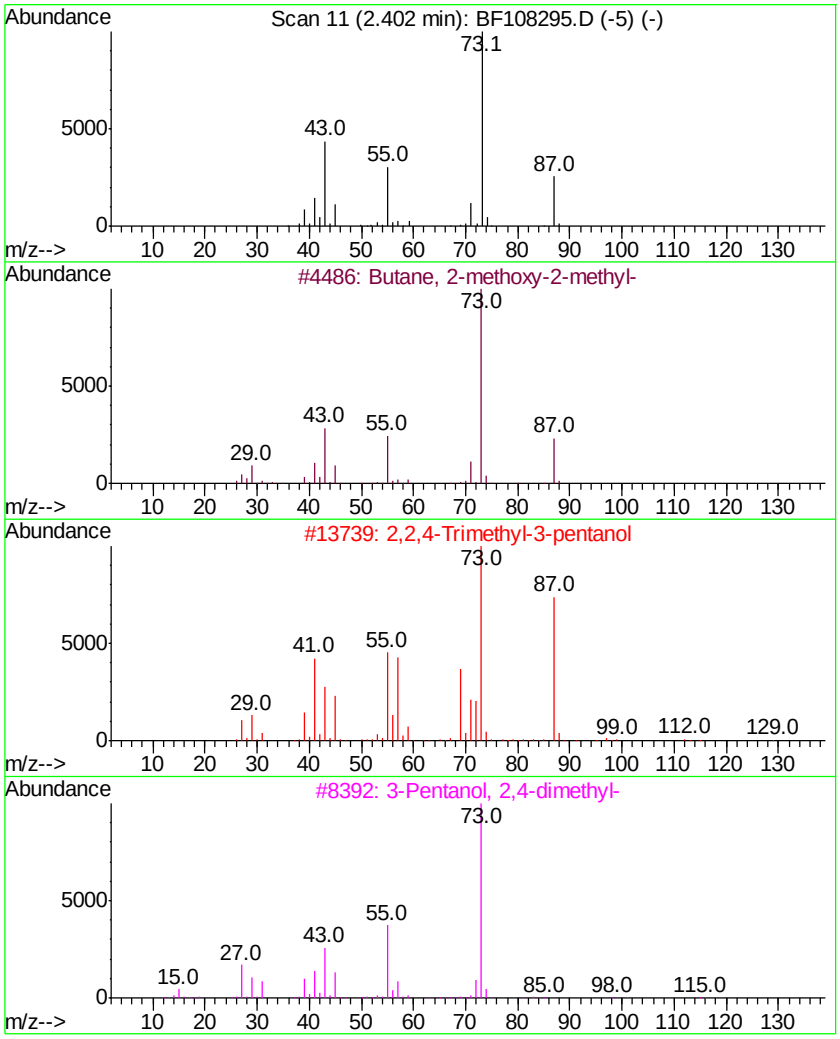
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

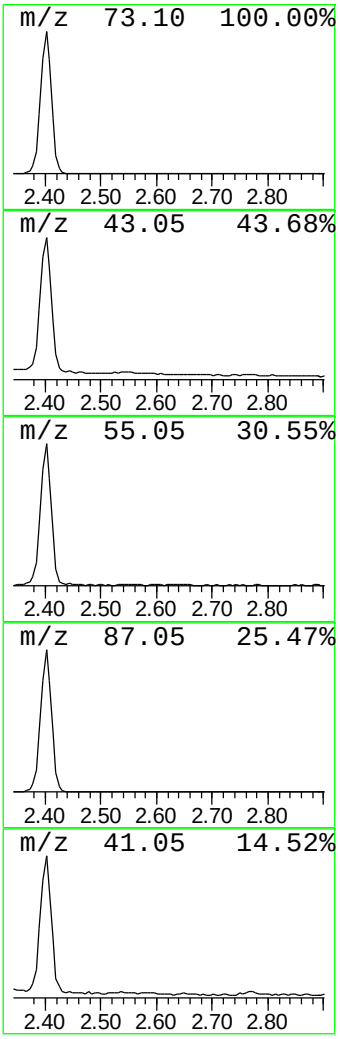
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.40	9.89 ng	553297	1,4-Dichlorobenzene-d4	7.02

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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : 72-12003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

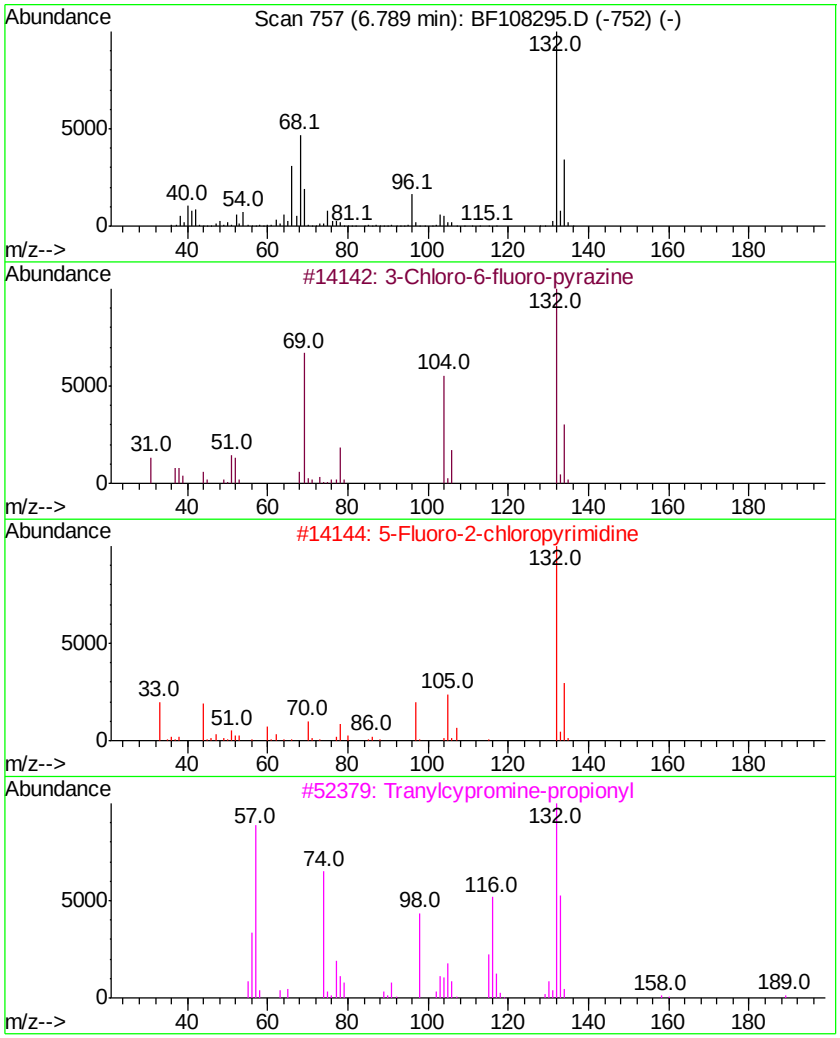
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

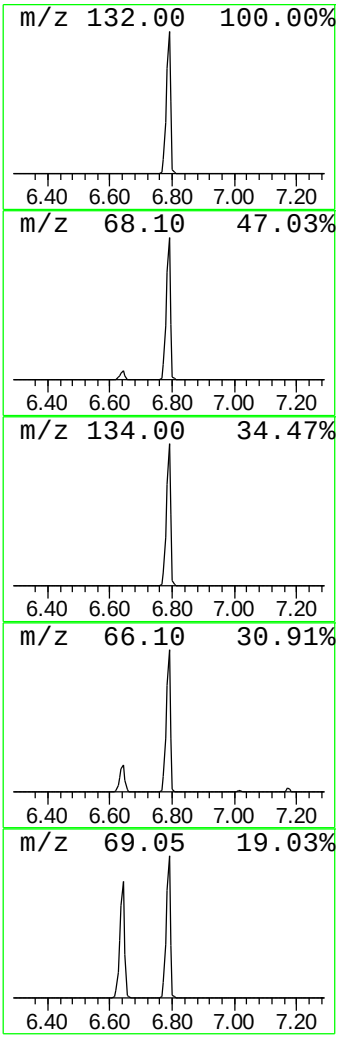
****

Peak Number 2 unknown6.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	82.29 ng	4605510	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Xenon	132	Xe	007440-63-3	9





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TIC Library : C:\DATABASE\NIST11.L
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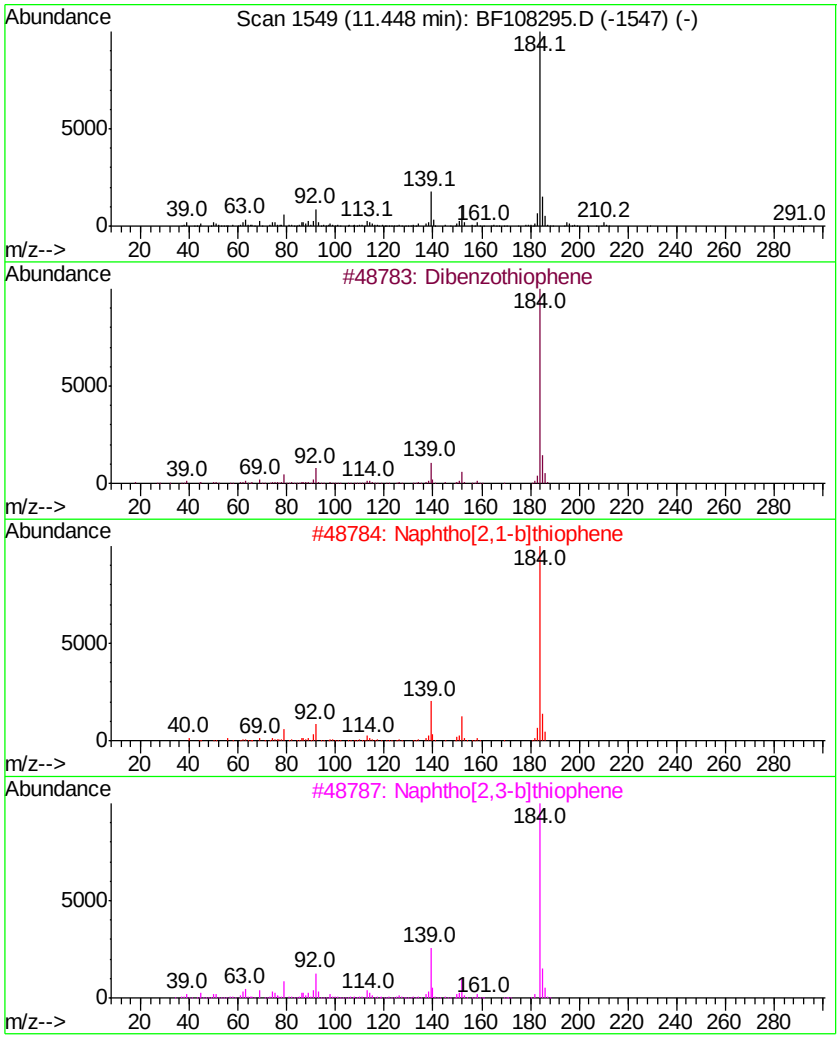
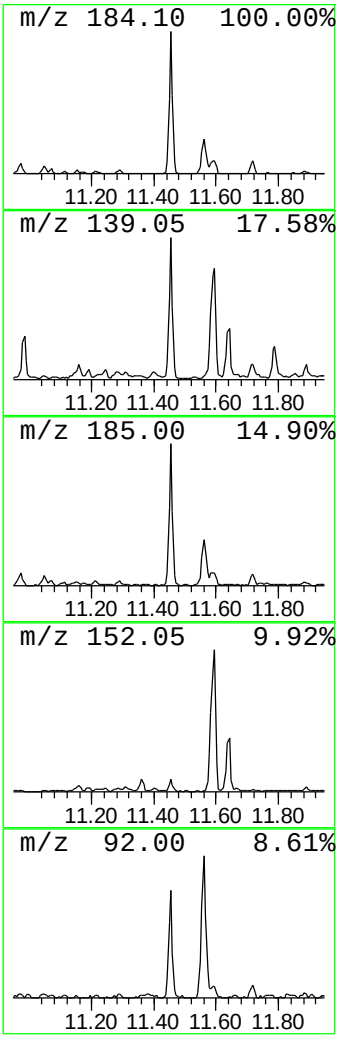
Peak Number 4 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	9.17 ng	617922	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Library Search Compound Report

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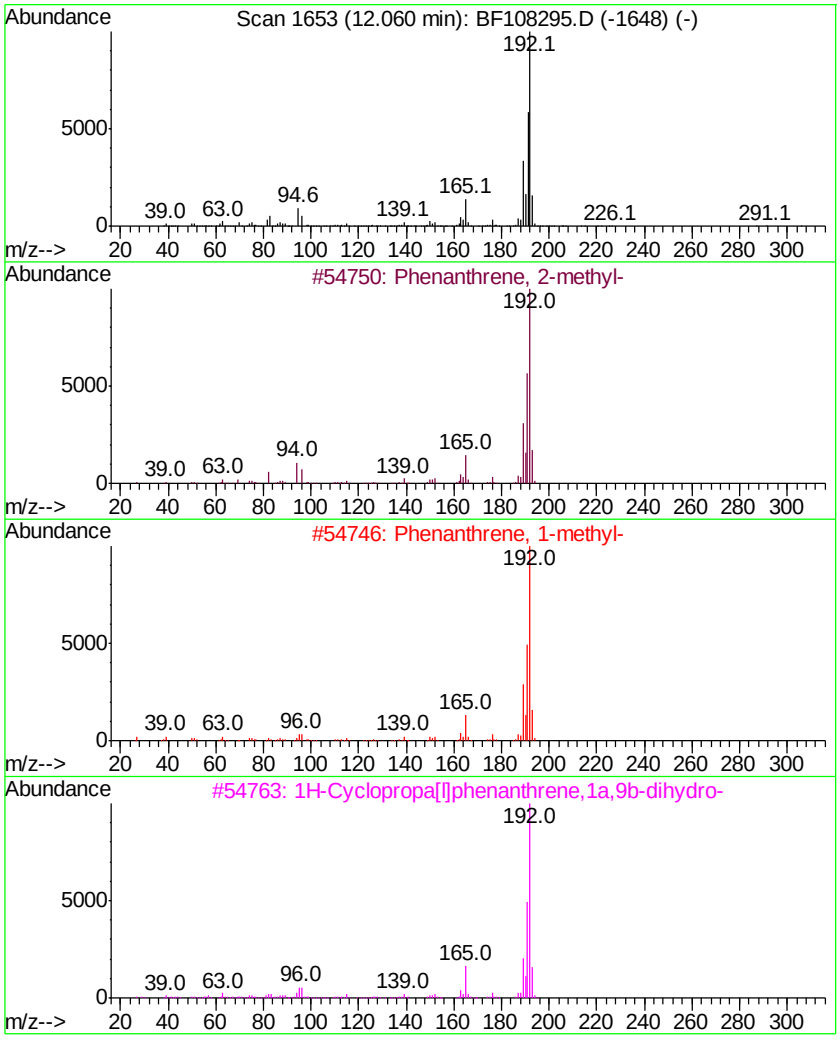
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

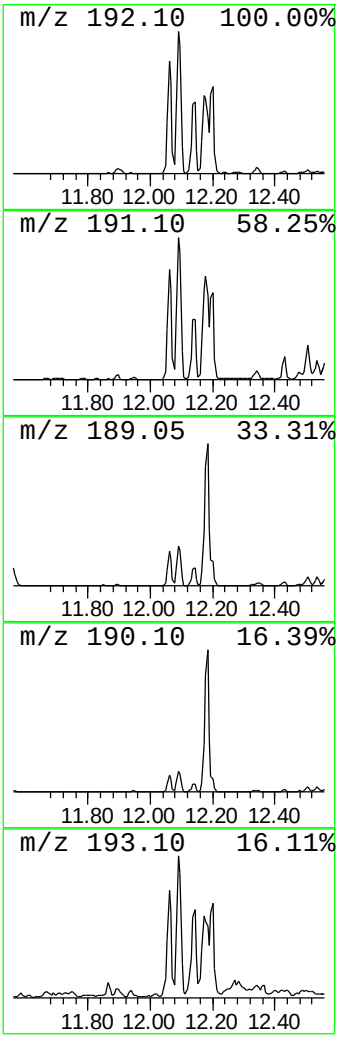
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	21.23 ng	1430240	Phenanthrene-d10	11.56

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

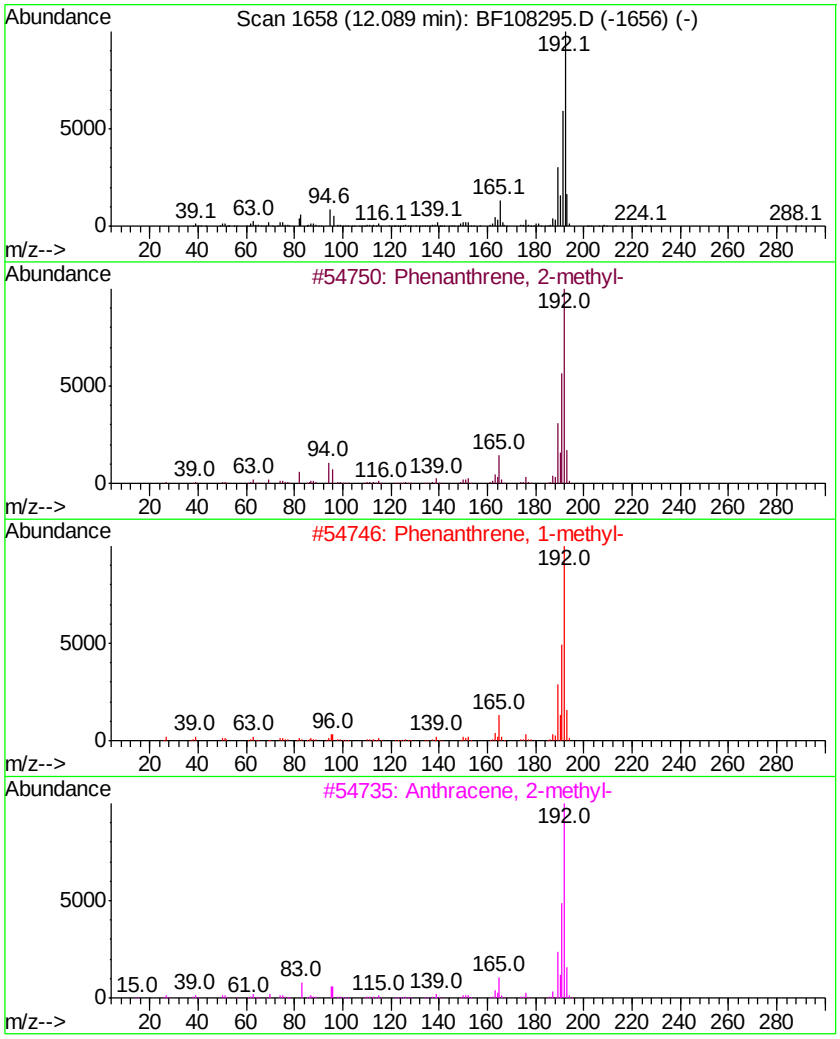
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

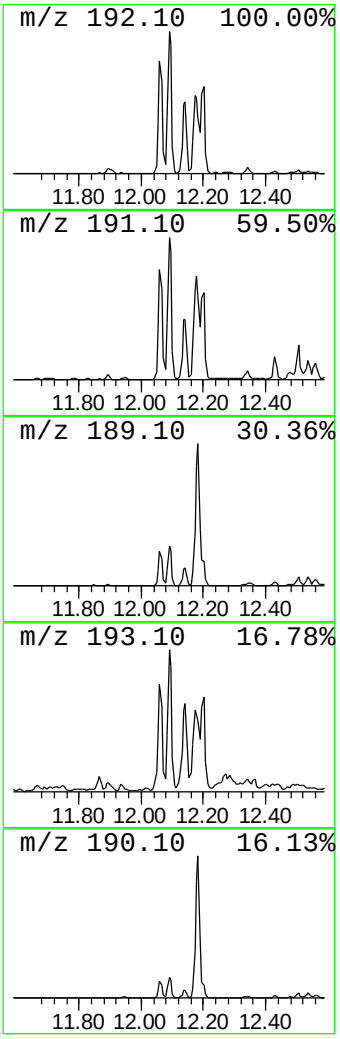
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	24.39 ng	1643210	Phenanthrene-d10	11.56

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Acq On : 20 Aug 2018 17:36
Operator : JU/SJ
Sample : J4521-13
Misc :
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Instrument : BNA_F
ClientSampleId : 72-12003

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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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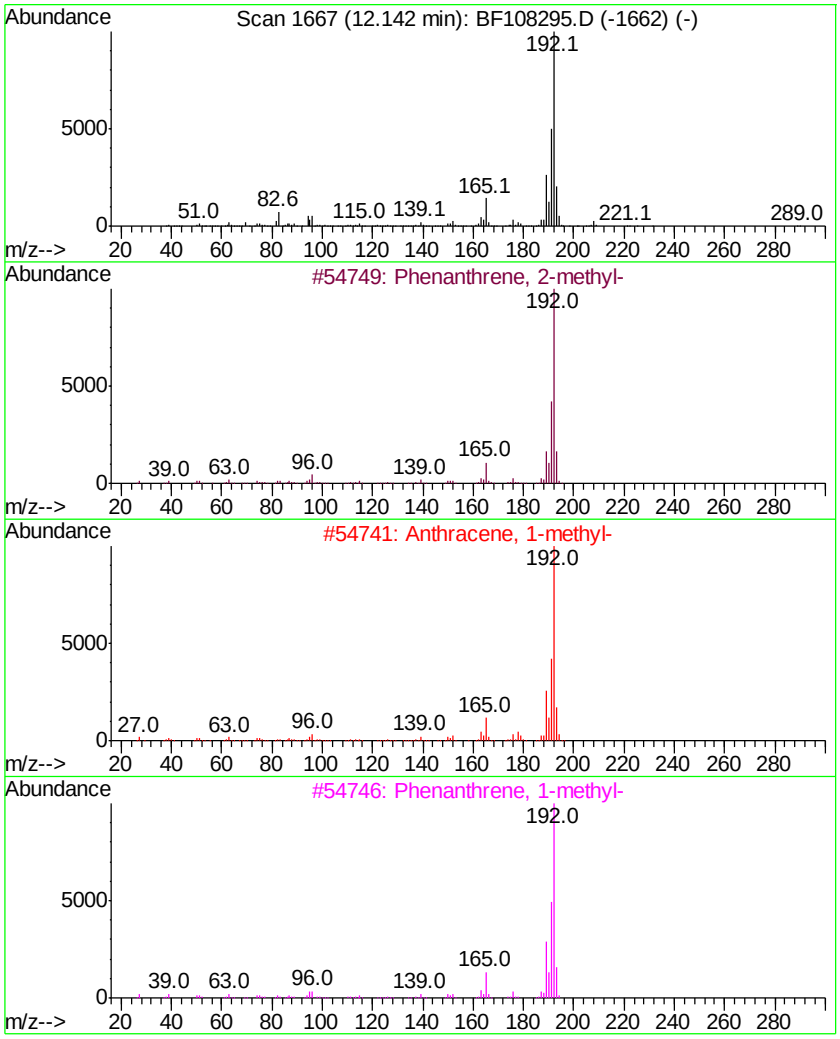
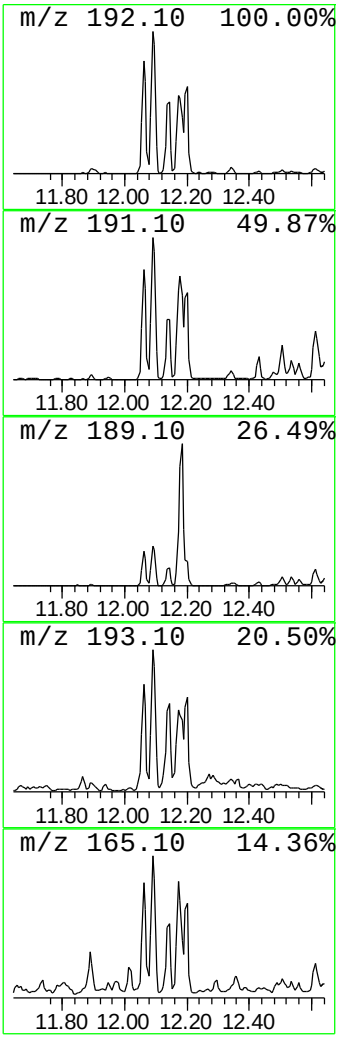
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	13.47 ng	907529	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	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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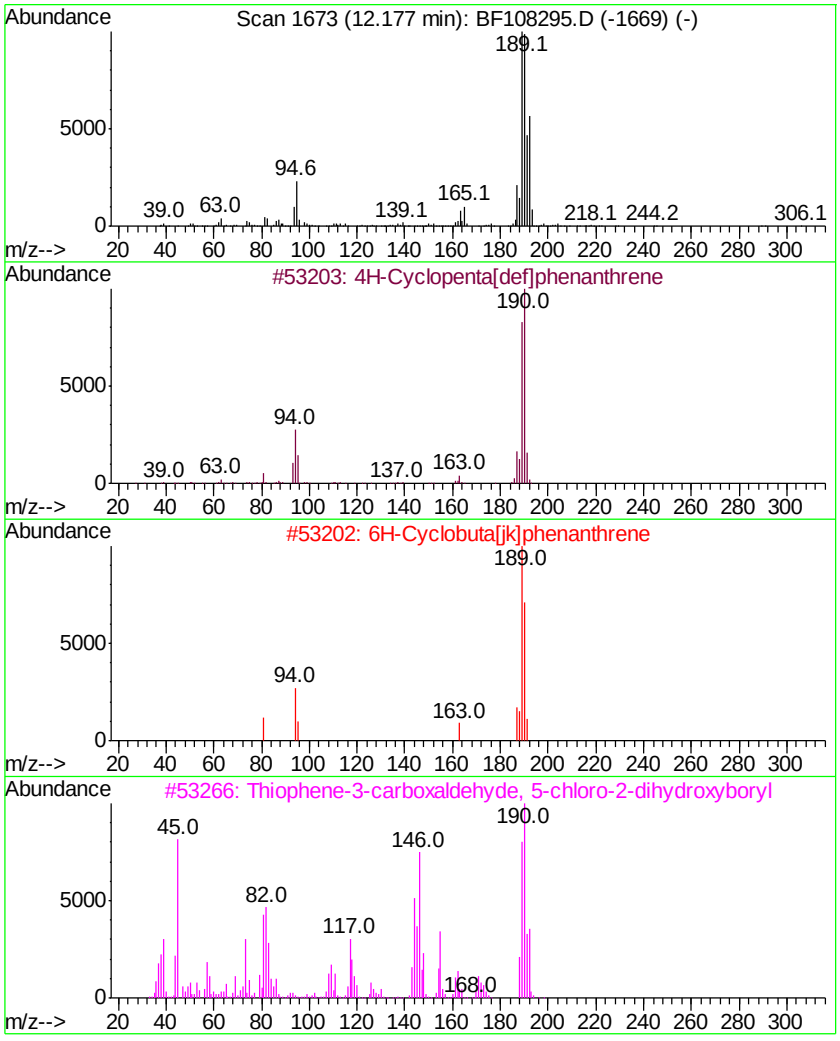
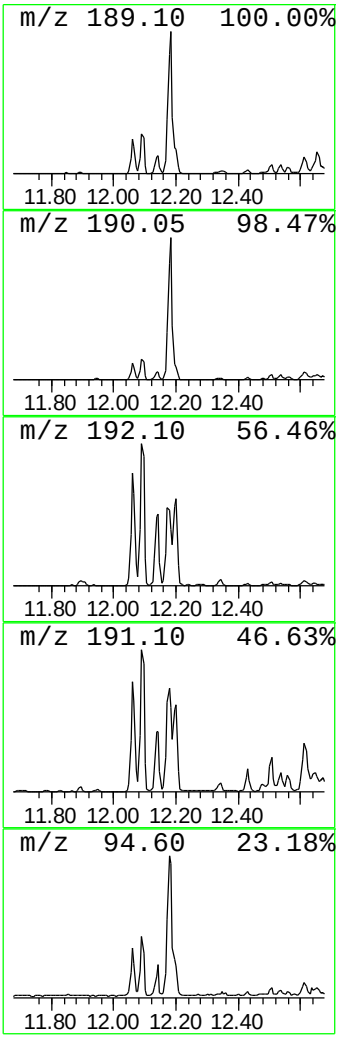
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	48.44 ng	3263080	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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

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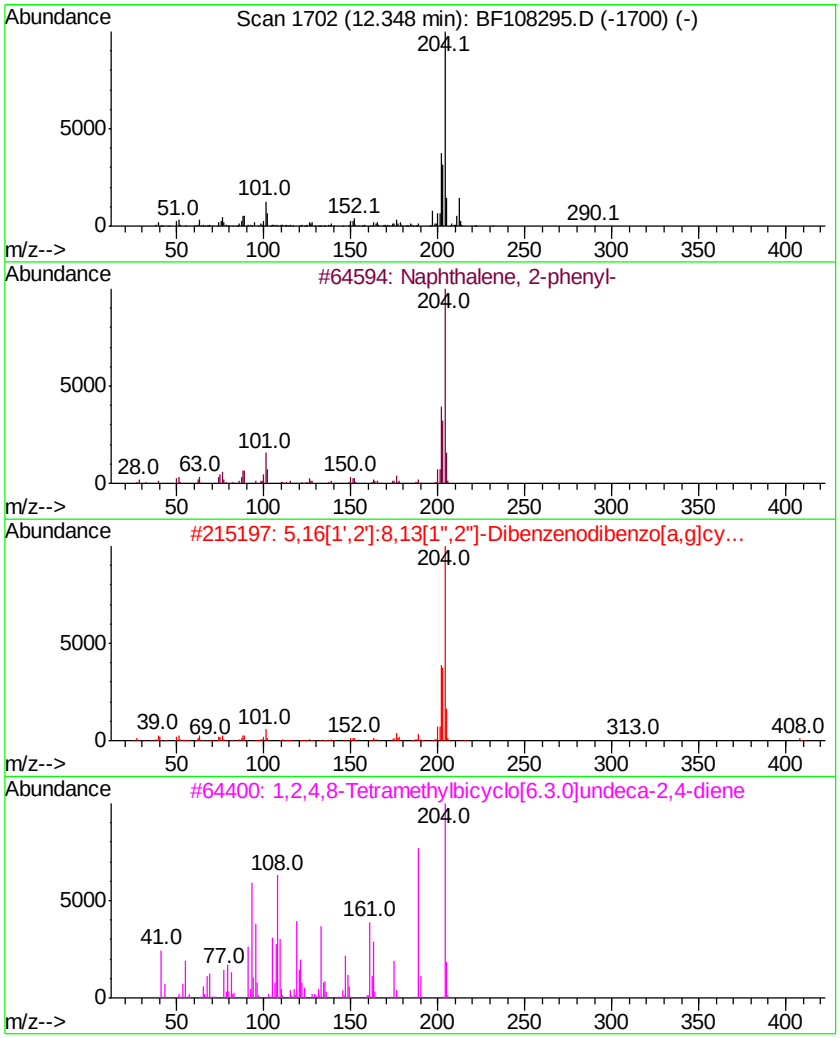
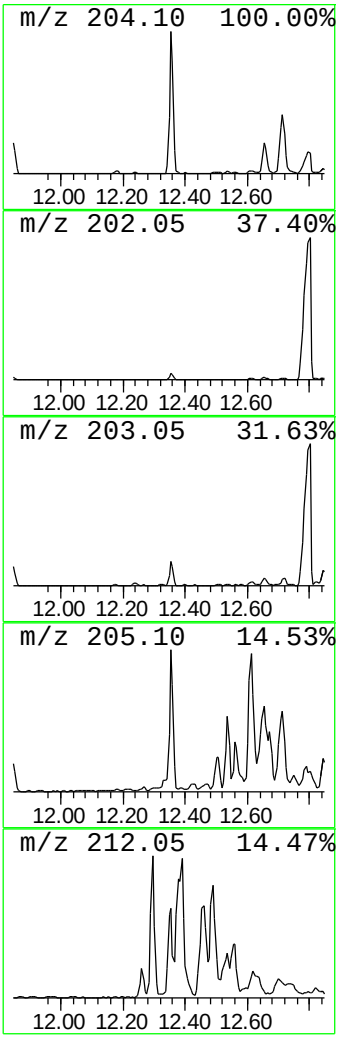
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	15.33 ng	1032540	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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TIC Integration Parameters: LSCINT.P

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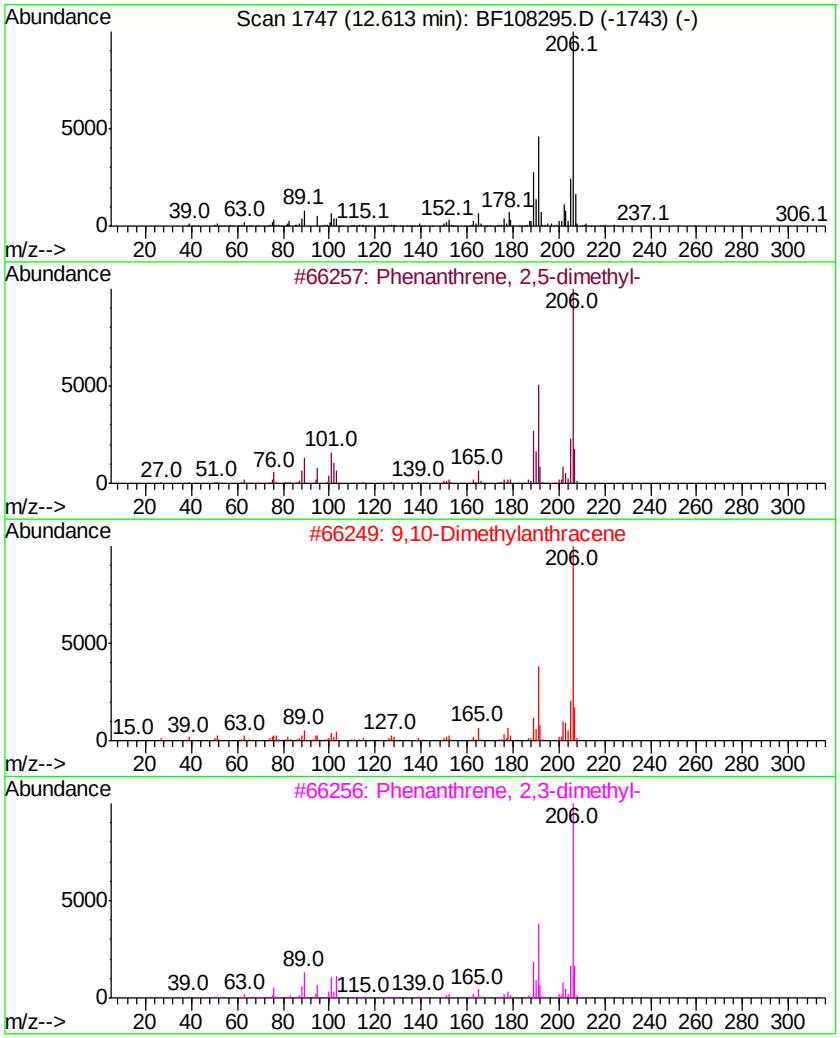
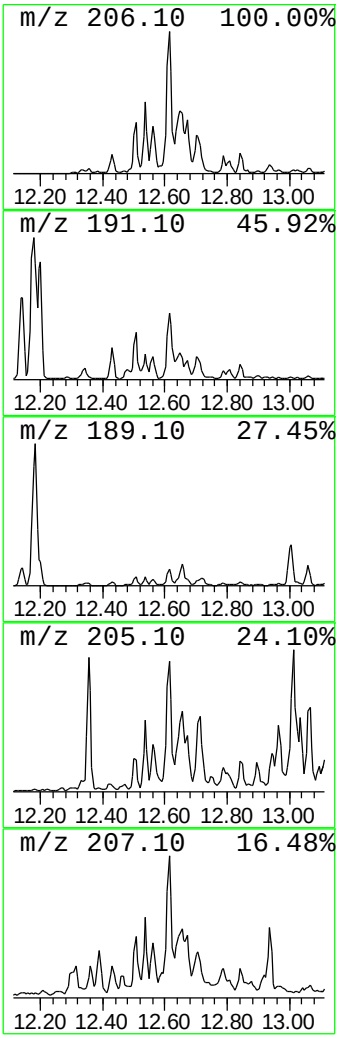
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	15.46 ng	1041640	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83





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TIC Integration Parameters: LSCINT.P

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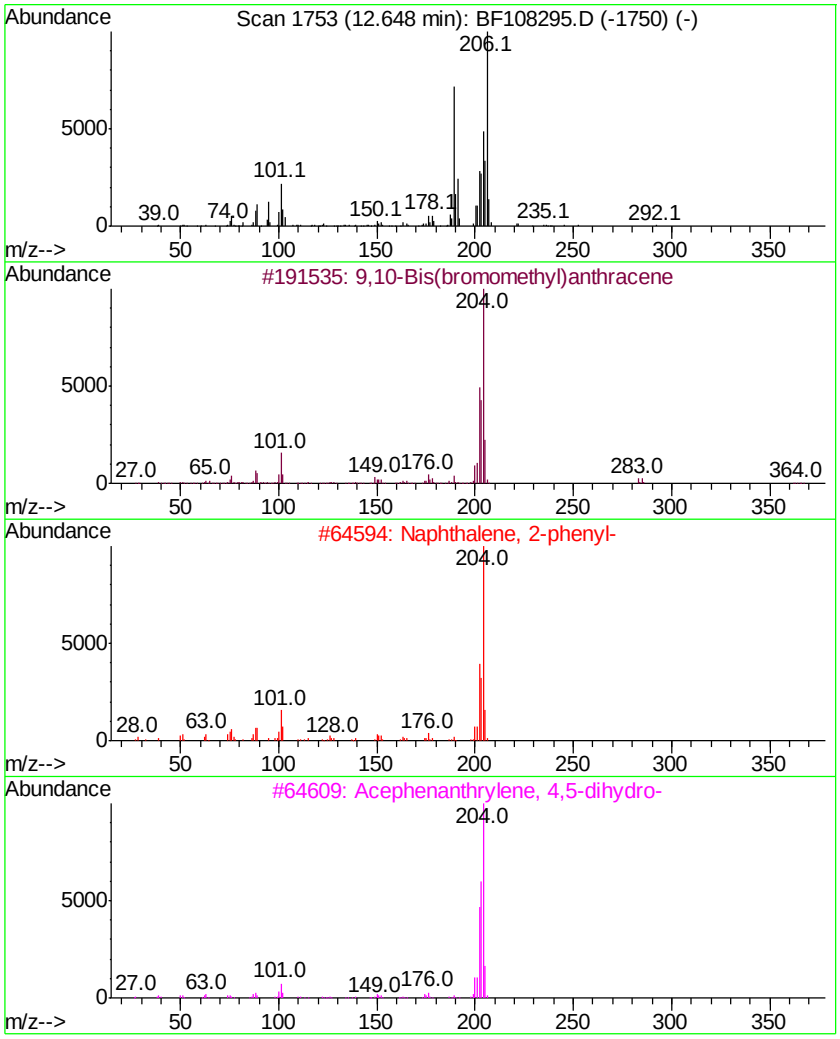
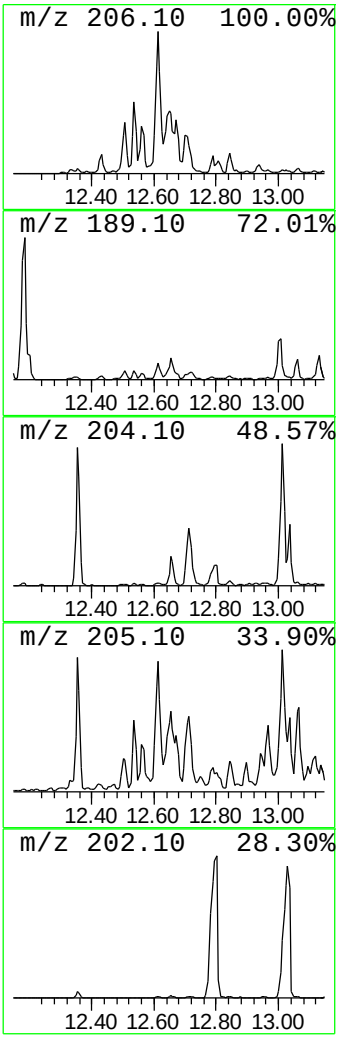
Peak Number 11 9,10-Bis(bromomethyl)anthra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	14.30 ng	963120	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	46
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	45
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	38





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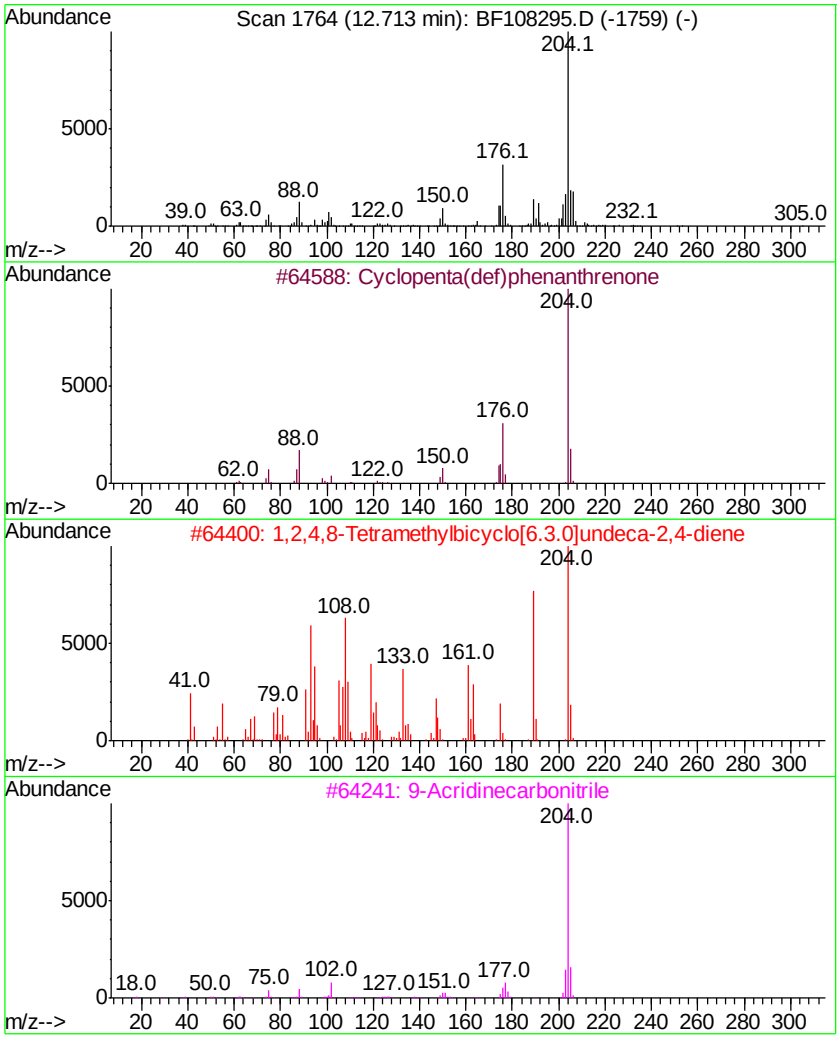
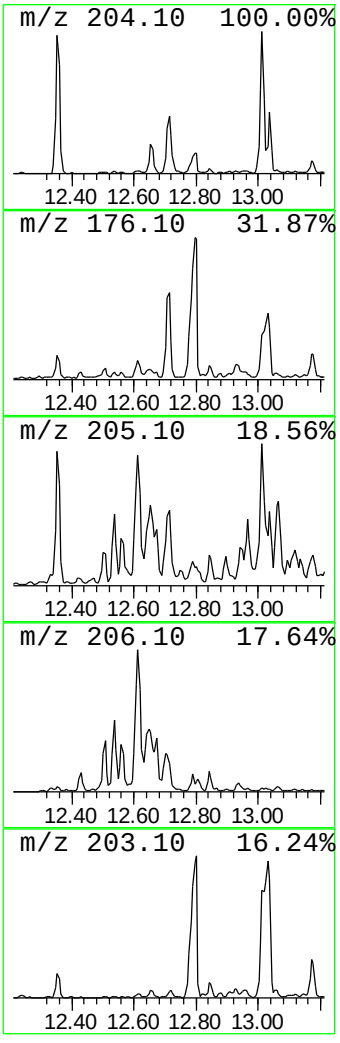
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	11.81 ng	795216	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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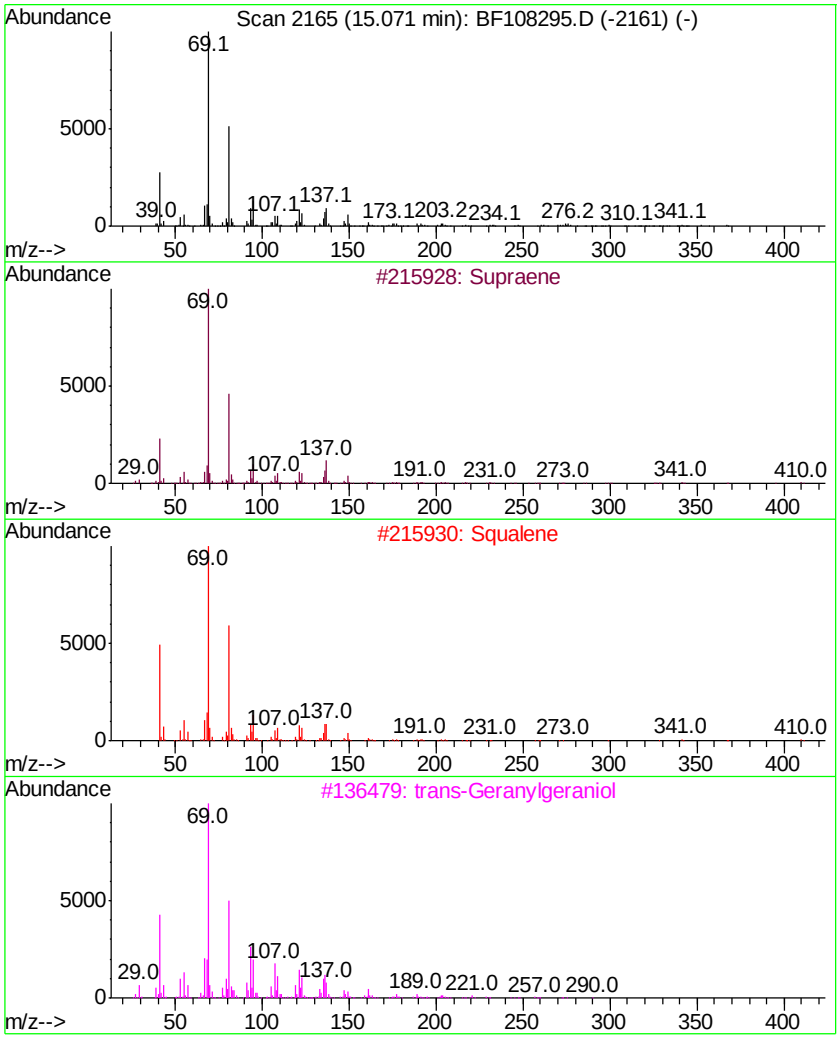
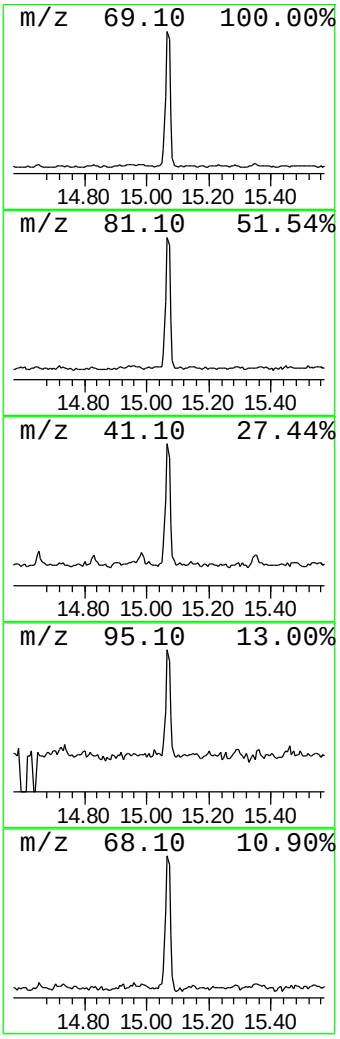
Peak Number 13 Supraene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	16.13 ng	610942	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	90
2	Squalene	410	C30H50	000111-02-4	87
3	trans-Geranylgeraniol	290	C20H34O	024034-73-9	78
4	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	53
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	53





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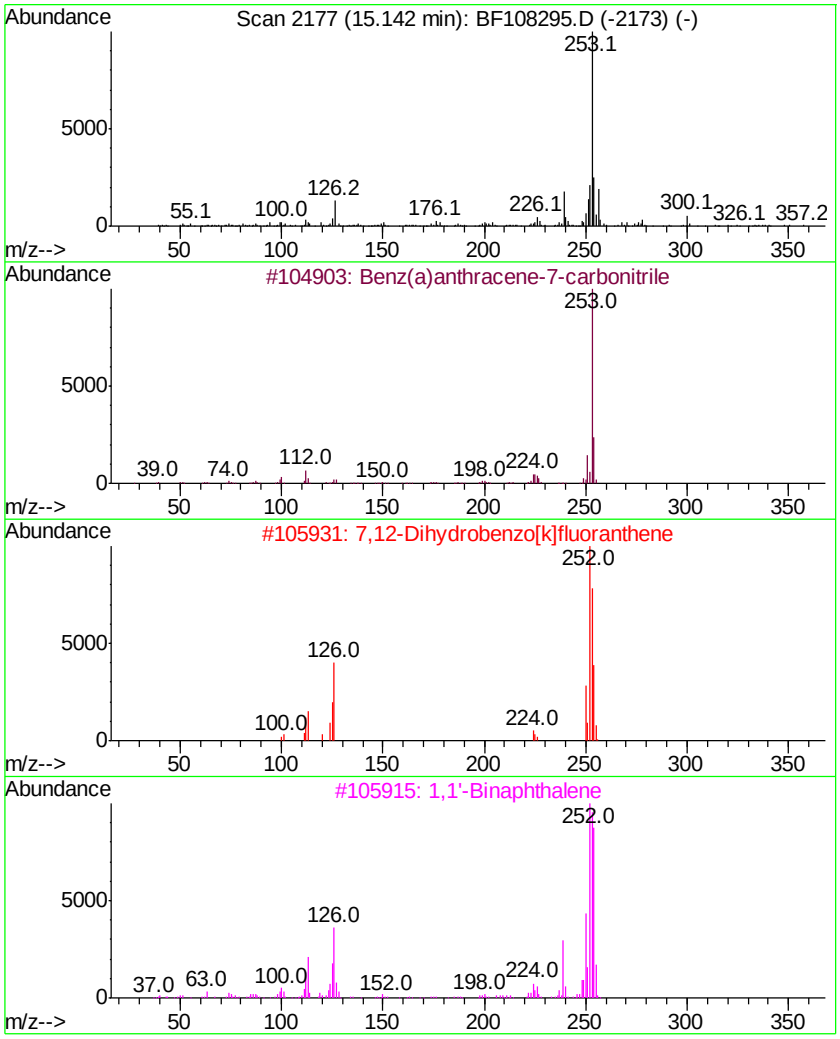
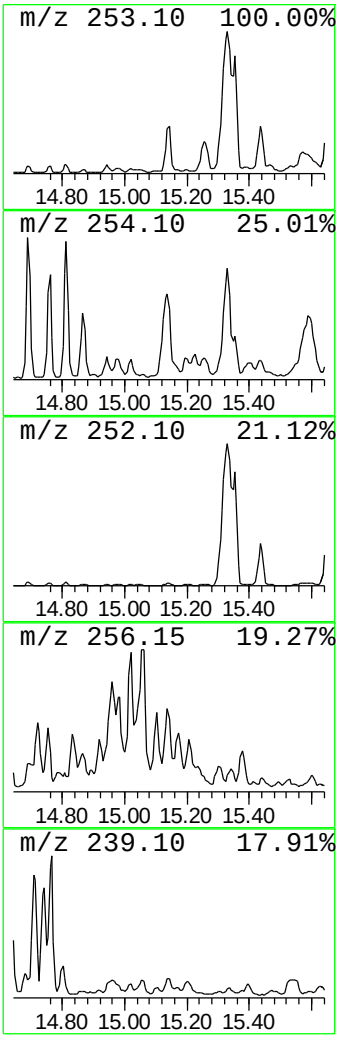
Peak Number 14 Benz(a)anthracene-7-carboni... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	14.14 ng	535451	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	87
2	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	52
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	49
4	1,2'-Binaphthalene	254	C20H14	004325-74-0	38
5	4,4'-Biazulenyl	254	C20H14	094053-54-0	38





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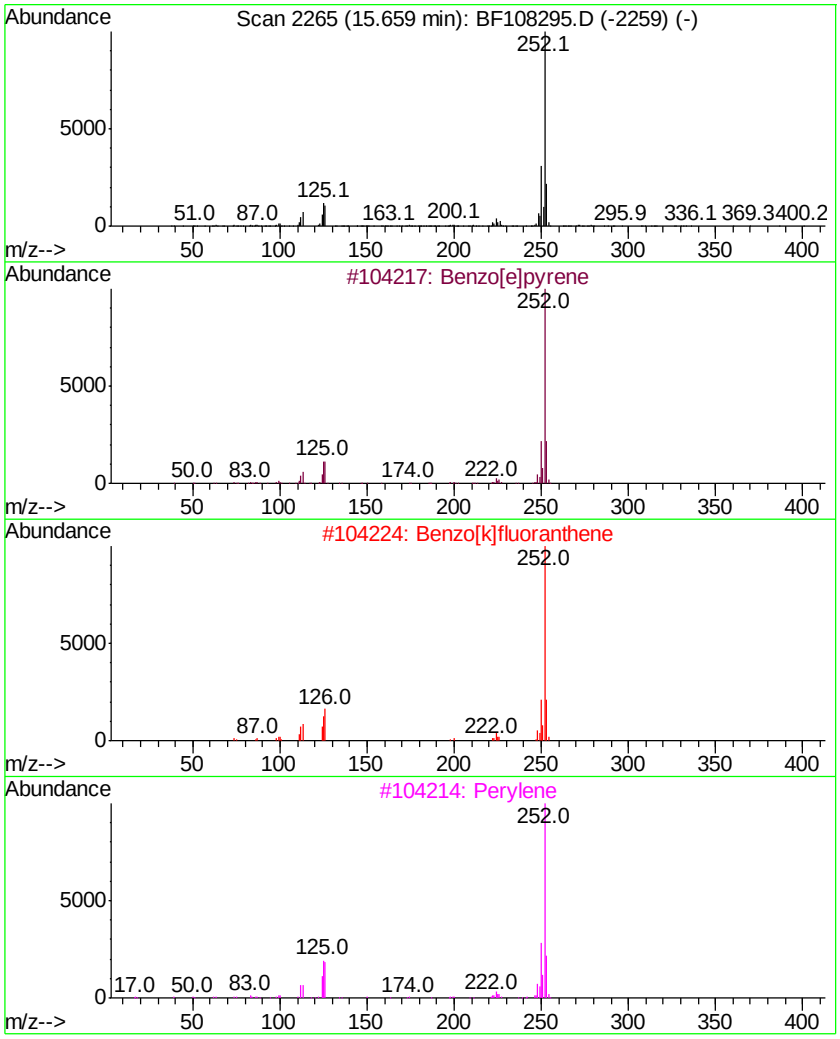
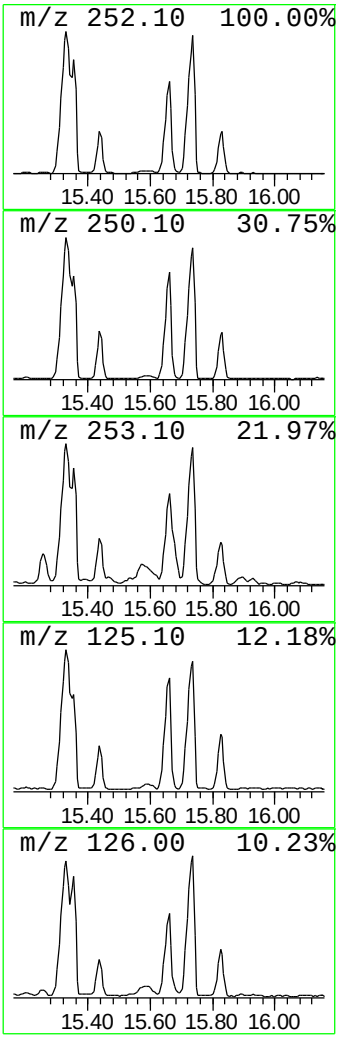
Peak Number 16 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	78.87 ng	2987250	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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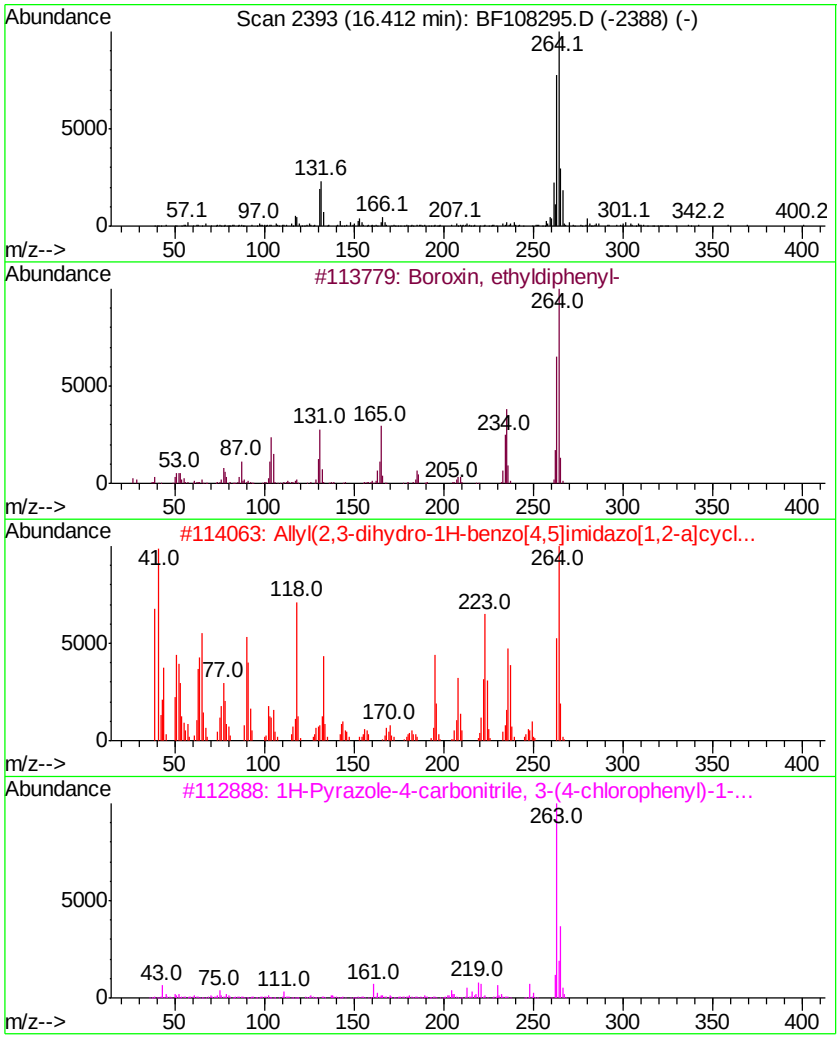
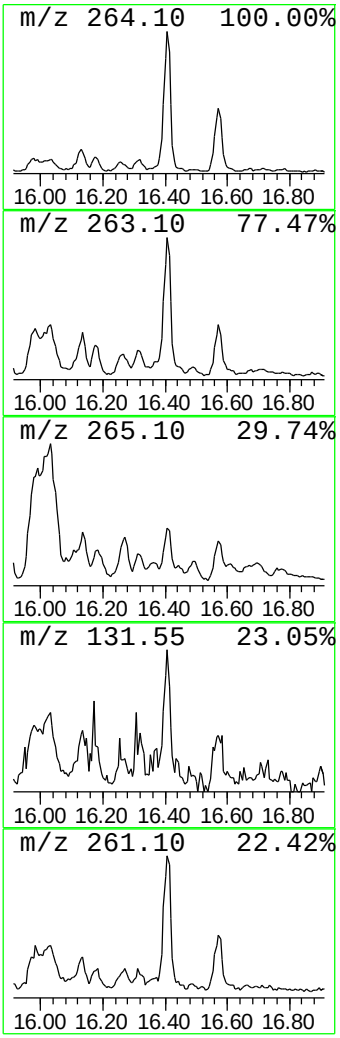
Peak Number 17 Boroxin, ethyldiphenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	9.65 ng	365665	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	64
2	Allyl(2,3-dihydro-1H-benzo[4,5]i...	264	C16H16N4	1000322-09-2	40
3	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	35
4	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	35
5	Terephthalic acid, decyl 2,2-dic...	402	C20H28Cl2O4	1000356-24-9	27





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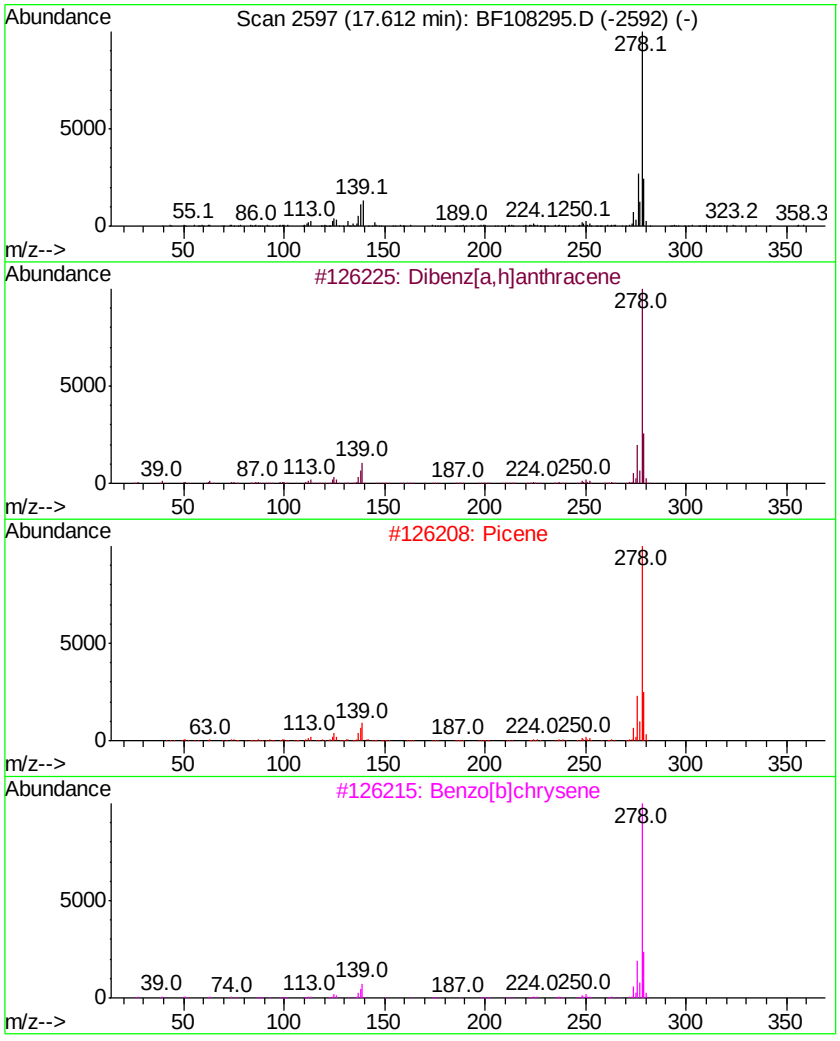
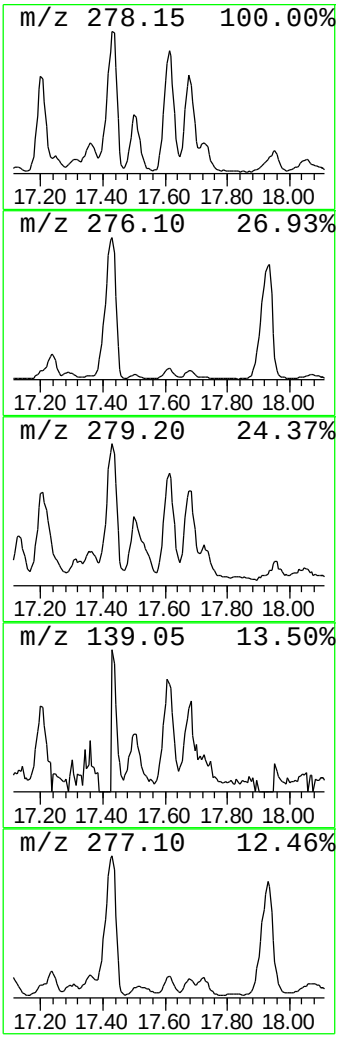
Peak Number 18 Dibenz[a,h]anthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	12.16 ng	460676	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
2	Picene	278	C22H14	000213-46-7	97
3	Benzo[b]chrysene	278	C22H14	000214-17-5	97
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
5	Pentaphene	278	C22H14	000222-93-5	96





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Data File : BF108295.D
Acq On : 20 Aug 2018 17:36
Operator : JU/SJ
Sample : J4521-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

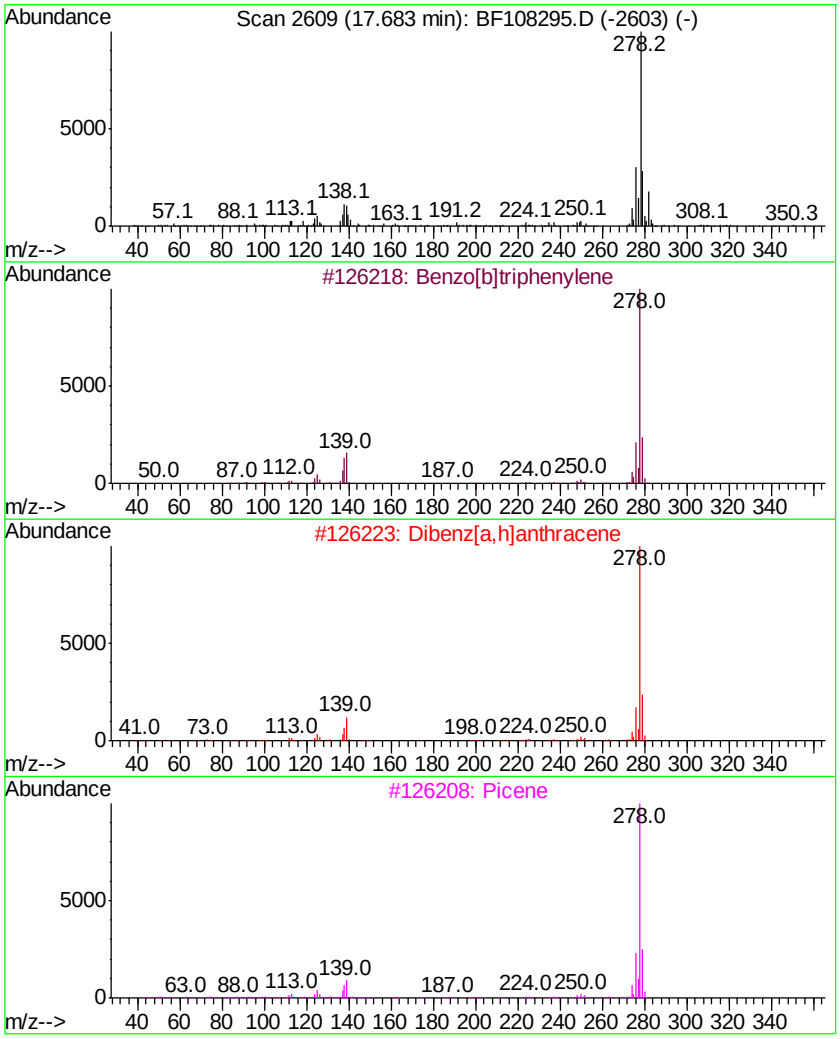
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

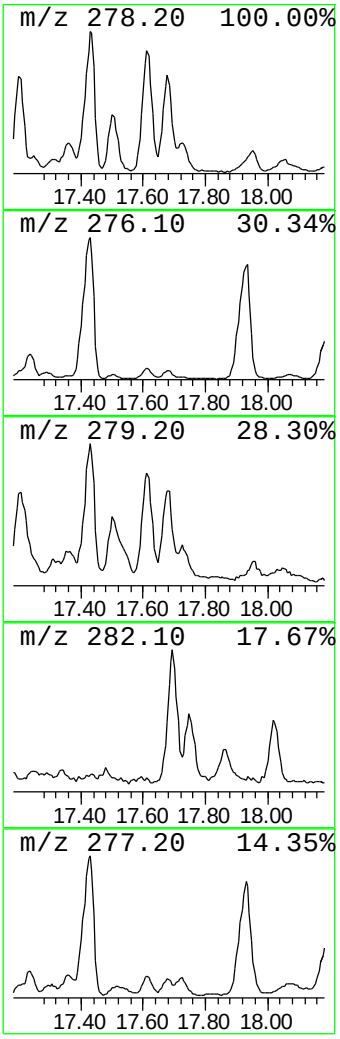
****

Peak Number 19 Benzo[b]triphenylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	10.05 ng	380793	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
3	Picene	278	C22H14	000213-46-7	96
4	Benzo[b]chrysene	278	C22H14	000214-17-5	93
5	Pentacene	278	C22H14	000135-48-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
Data File : BF108295.D
Acq On : 20 Aug 2018 17:36
Operator : JU/SJ
Sample : J4521-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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...	2.40	9.9	ng	553297	1	7.02	1119330	20.0
unknown6.79	6.79	82.3	ng	4605510	1	7.02	1119330	20.0
Dibenzothiophene	11.45	9.2	ng	617922	4	11.56	1347260	20.0
Phenanthrene, 2-m...	12.06	21.2	ng	1430240	4	11.56	1347260	20.0
Phenanthrene, 1-m...	12.09	24.4	ng	1643210	4	11.56	1347260	20.0
Anthracene, 1-met...	12.14	13.5	ng	907529	4	11.56	1347260	20.0
4H-Cyclopenta[def...	12.18	48.4	ng	3263080	4	11.56	1347260	20.0
Naphthalene, 2-ph...	12.35	15.3	ng	1032540	4	11.56	1347260	20.0
Phenanthrene, 2,5...	12.61	15.5	ng	1041640	4	11.56	1347260	20.0
9,10-Bis(bromomet...	12.65	14.3	ng	963120	4	11.56	1347260	20.0
Cyclopenta(def)ph...	12.71	11.8	ng	795216	4	11.56	1347260	20.0
Supraene	15.07	16.1	ng	610942	6	15.79	757544	20.0
Benz(a)anthracene...	15.14	14.1	ng	535451	6	15.79	757544	20.0
Benzo[e]pyrene	15.66	78.9	ng	2987250	6	15.79	757544	20.0
Boroxin, ethyldip...	16.41	9.7	ng	365665	6	15.79	757544	20.0
Dibenz[a,h]anthra...	17.61	12.2	ng	460676	6	15.79	757544	20.0
Benzo[b]triphenylene	17.68	10.1	ng	380793	6	15.79	757544	20.0