LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103808.D
Acq On : 20 Mar 2018 17:58
Operator : JU/SJ
Sample : J1982-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-114(4-5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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	2.116	3	5	14	rVB	296025	367099	5.90%	0.273%
2	5.598	590	597	601	rBV	3571073	4327884	69.56%	3.217%
3	5.828	632	636	643	rBV3	251570	334018	5.37%	0.248%
4	6.598	759	767	770	rBV	3528362	4316362	69.38%	3.209%
5	6.745	786	792	795	rBV	3940901	4189645	67.34%	3.114%
6	6.975	827	831	834	rBV	1080645	955594	15.36%	0.710%
7	7.133	853	858	860	rVV	3200174	3283820	52.78%	2.441%
8	7.151	860	861	864	rVB	736086	409952	6.59%	0.305%
9	7.233	871	875	878	rVB	909744	794783	12.77%	0.591%
10	7.539	922	927	930	rVB	2602009	2632933	42.32%	1.957%
11	7.998	1000	1005	1008	rBV2	314637	461993	7.43%	0.343%
12	8.033	1008	1011	1016	rVV	270777	314320	5.05%	0.234%
13	8.257	1045	1049	1050	rBV	1340687	1269699	20.41%	0.944%
14	8.286	1050	1054	1057	rVV	5231636	5680084	91.30%	4.222%
15	8.328	1058	1061	1065	rVB	766679	605255	9.73%	0.450%
16	8.969	1166	1170	1173	rBV	2413886	1977833	31.79%	1.470%
17	9.069	1181	1187	1190	rBV	2879178	2675341	43.00%	1.989%
18	9.333	1225	1232	1235	rBV	3873307	3940237	63.33%	2.929%
19	9.427	1246	1248	1252	rVB	524775	425826	6.84%	0.317%
20	9.527	1263	1265	1270	rVB2	330153	407141	6.54%	0.303%
21	9.598	1270	1277	1280	rBV	926434	1198716	19.27%	0.891%
22	9.669	1285	1289	1292	rBV	1409306	1469645	23.62%	1.093%
23	9.698	1292	1294	1296	rVV	729538	546661	8.79%	0.406%
24	9.786	1304	1309	1315	rBV	746636	836471	13.44%	0.622%
25	9.874	1320	1324	1330	rVB2	2018023	1875807	30.15%	1.394%
26	10.016	1345	1348	1351	rVV2	1535202	1277367	20.53%	0.950%
27	10.045	1351	1353	1356	rVV	952671	807249	12.98%	0.600%
28	10.116	1361	1365	1369	rBV2	272857	366630	5.89%	0.273%
29	10.216	1378	1382	1385	rVB2	743053	813521	13.08%	0.605%
30	10.251	1385	1388	1391	rVB	504267	397227	6.38%	0.295%
31	10.327	1397	1401	1404	rBV2	442781	523910	8.42%	0.389%
32	10.433	1411	1419	1422	rVB4	344109	657297	10.57%	0.489%
33	10.563	1438	1441	1447	rVB	1647574	1762244	28.33%	1.310%
34	10.716	1463	1467	1471	rVV3	301026	449145	7.22%	0.334%

LSC Area Percent Report

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Acq On : 20 Mar 2018 17:58
Operator : JU/SJ
Sample : J1982-03
Misc :
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Instrument : BNA_F
ClientSampleId : SB-114(4-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.810	1476	1483	1486	rVB2	2140638	2423450	38.95%	1.802%
36	10.921	1500	1502	1508	rVB3	359753	409138	6.58%	0.304%
37	11.110	1529	1534	1537	rVV2	618310	889199	14.29%	0.661%
38	11.139	1537	1539	1542	rVV	455678	439734	7.07%	0.327%
39	11.198	1546	1549	1551	rVV	441282	390988	6.28%	0.291%
40	11.263	1558	1560	1564	rVV2	257836	328150	5.27%	0.244%
41	11.316	1566	1569	1573	rVV2	251744	342404	5.50%	0.255%
42	11.357	1573	1576	1578	rVV	426677	417357	6.71%	0.310%
43	11.404	1582	1584	1589	rVB	1048363	885537	14.23%	0.658%
44	11.510	1598	1602	1604	rBV	1101039	1222470	19.65%	0.909%
45	11.545	1604	1608	1611	rVV	4546161	5101692	82.00%	3.792%
46	11.592	1612	1616	1618	rVV	2505437	2256425	36.27%	1.677%
47	11.616	1618	1620	1623	rVV	345186	399575	6.42%	0.297%
48	11.739	1637	1641	1643	rVV	608814	617432	9.92%	0.459%
49	11.780	1646	1648	1650	rVV	352420	333685	5.36%	0.248%
50	11.839	1655	1658	1662	rVB	640550	617059	9.92%	0.459%
51	11.927	1669	1673	1676	rVB	409580	439329	7.06%	0.327%
52	12.015	1684	1688	1690	rBV	1270802	1259245	20.24%	0.936%
53	12.045	1690	1693	1696	rVB	1549060	1432555	23.03%	1.065%
54	12.092	1697	1701	1704	rBV	690741	722224	11.61%	0.537%
55	12.133	1704	1708	1710	rBV2	2210364	2729842	43.88%	2.029%
56	12.310	1734	1738	1740	rVV2	852988	872734	14.03%	0.649%
57	12.339	1740	1743	1749	rVB	345717	451087	7.25%	0.335%
58	12.486	1766	1768	1770	rVV	351138	326547	5.25%	0.243%
59	12.510	1770	1772	1775	rVB3	323570	332113	5.34%	0.247%
60	12.563	1778	1781	1785	rBV	839158	1146283	18.42%	0.852%
61	12.604	1786	1788	1790	rVV2	575524	608310	9.78%	0.452%
62	12.663	1794	1798	1801	rBV2	355267	571515	9.19%	0.425%
63	12.745	1806	1812	1814	rBV	4198574	5357179	86.11%	3.982%
64	12.827	1823	1826	1829	rVV	1064194	922231	14.82%	0.686%
65	12.886	1833	1836	1839	rVV2	501452	578862	9.30%	0.430%
66	12.974	1843	1851	1855	rBV2	4010250	6221457	100.00%	4.625%
67	13.010	1855	1857	1861	rVB3	460976	492861	7.92%	0.366%
68	13.104	1865	1873	1880	rVB2	2657593	3613489	58.08%	2.686%
69	13.180	1881	1886	1890	rBV3	629336	1063053	17.09%	0.790%
70	13.268	1897	1901	1902	rBV3	524217	606035	9.74%	0.451%
71	13.292	1902	1905	1908	rVB	1475651	1386817	22.29%	1.031%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : SB-114(4-5)

Integration Parameters: rteint.p
Integrator: RTE
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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72	13.357	1913	1916	1919	rVB	1242488	1166524	18.75%	0.867%
73	13.398	1919	1923	1926	rBV2	913250	912353	14.66%	0.678%
74	13.492	1936	1939	1941	rBV	632797	512785	8.24%	0.381%
75	13.521	1941	1944	1947	rVB	729606	595799	9.58%	0.443%
76	13.798	1989	1991	1996	rVB2	326254	427369	6.87%	0.318%
77	13.915	2008	2011	2013	rBV	659600	526129	8.46%	0.391%
78	13.939	2013	2015	2018	rVB	643062	515924	8.29%	0.384%
79	13.974	2018	2021	2026	rBV3	716477	1097220	17.64%	0.816%
80	14.162	2048	2053	2057	rVV3	3049637	4772430	76.71%	3.548%
81	14.204	2057	2060	2066	rVB	2652339	2757214	44.32%	2.050%
82	14.315	2076	2079	2084	rVB2	361215	416183	6.69%	0.309%
83	14.392	2089	2092	2095	rBV2	352949	464008	7.46%	0.345%
84	14.562	2116	2121	2124	rVV	814217	1023905	16.46%	0.761%
85	14.592	2124	2126	2129	rVB	442175	384710	6.18%	0.286%
86	14.692	2140	2143	2145	rVV	523022	495954	7.97%	0.369%
87	14.715	2145	2147	2151	rVB	695201	594113	9.55%	0.442%
88	14.762	2151	2155	2161	rVB2	311134	416530	6.70%	0.310%
89	15.080	2207	2209	2217	rVB3	220227	360667	5.80%	0.268%
90	15.268	2234	2241	2244	rBV	1974849	4091363	65.76%	3.041%
91	15.374	2255	2259	2266	rVB	770836	910519	14.64%	0.677%
92	15.592	2290	2296	2302	rVB	1387412	2122813	34.12%	1.578%
93	15.662	2302	2308	2312	rVV	2125369	3078317	49.48%	2.288%
94	15.721	2313	2318	2320	rVV	532487	788663	12.68%	0.586%
95	15.756	2320	2324	2329	rVB2	707818	1066293	17.14%	0.793%
96	16.233	2401	2405	2410	rBV	164480	311324	5.00%	0.231%
97	16.321	2416	2420	2425	rVB	266940	366298	5.89%	0.272%
98	17.309	2580	2588	2595	rVB2	836474	1805768	29.02%	1.342%
99	17.792	2663	2670	2683	rVB	609698	1470628	23.64%	1.093%
100	18.039	2707	2712	2722	rVB	230930	509693	8.19%	0.379%

Sum of corrected areas: 134521268

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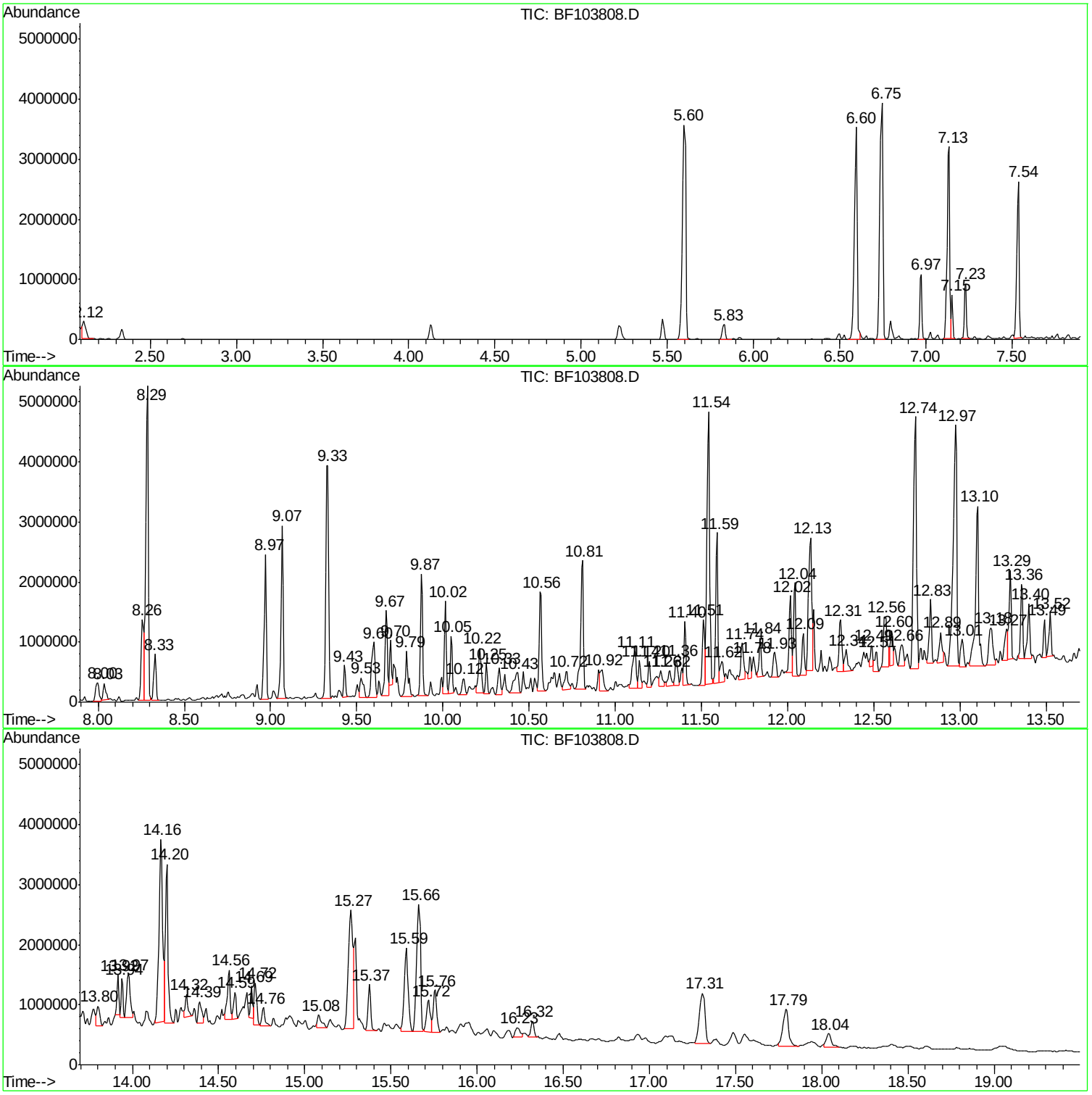
Instrument :
BNA_F
ClientSampleId :
SB-114(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103808.D
Acq On : 20 Mar 2018 17:58
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Misc :
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Instrument : BNA_F
ClientSampleId : SB-114(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

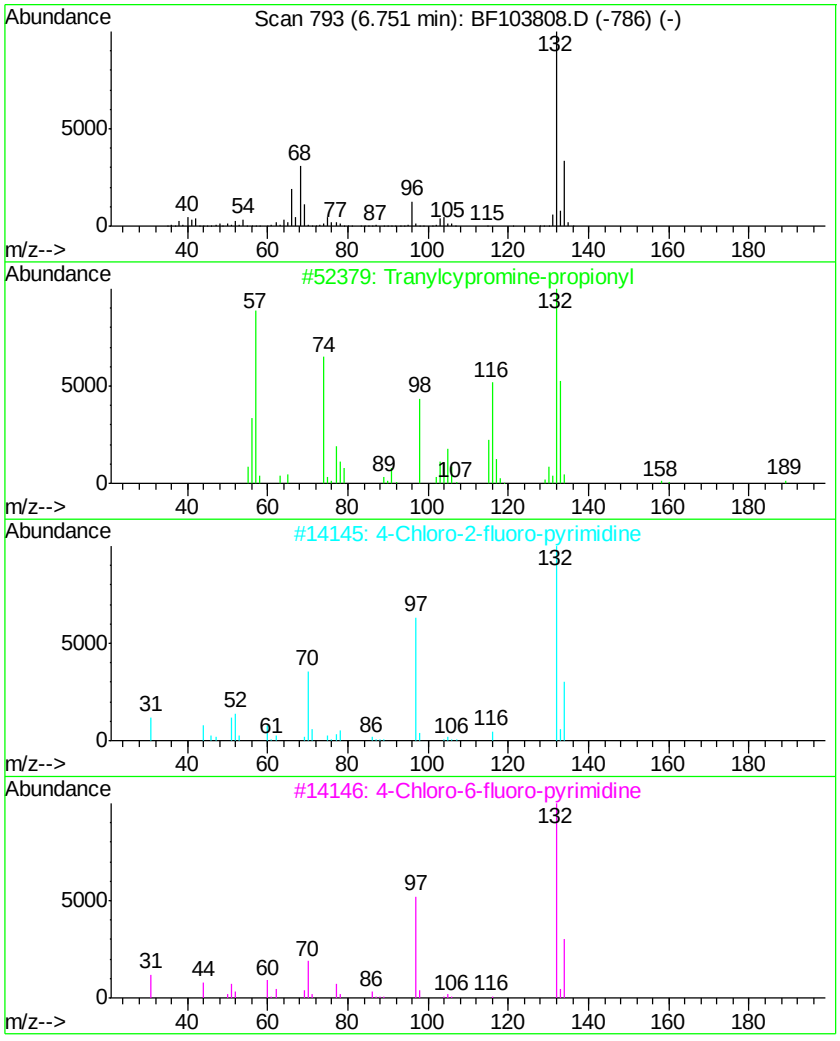
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

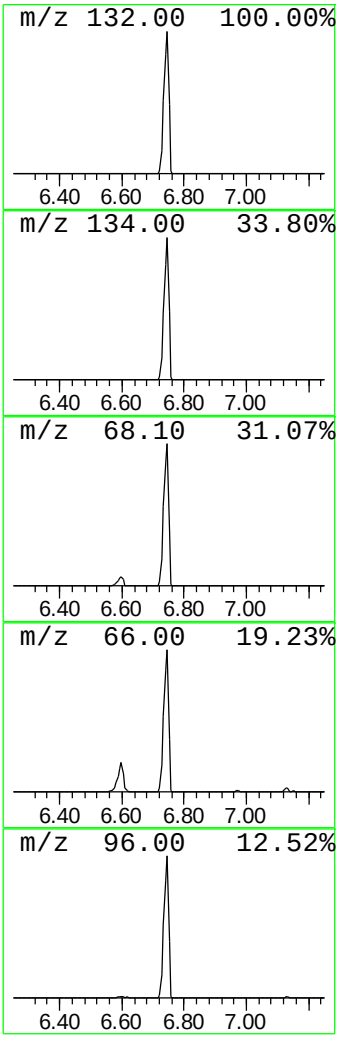
****

Peak Number 1 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	87.69 ng	4189650	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SB-114(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

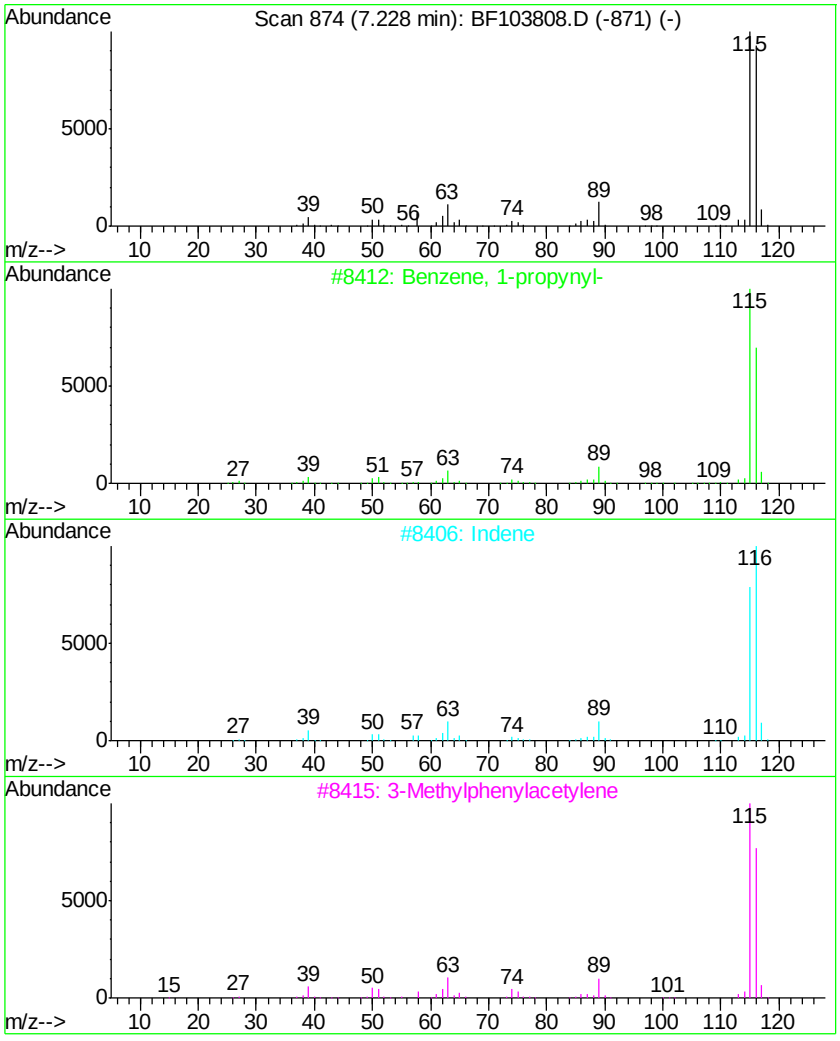
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

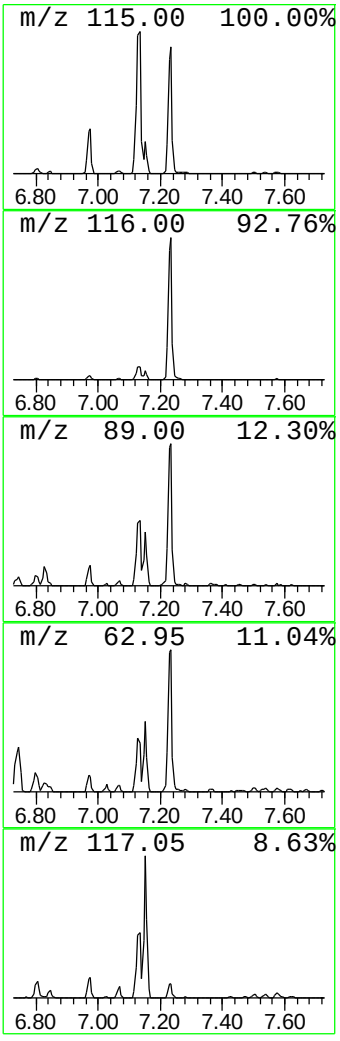
****

Peak Number 3 Benzene, 1-propynyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	16.63 ng	794783	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Indene	116	C9H8	000095-13-6	93
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	90





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-114(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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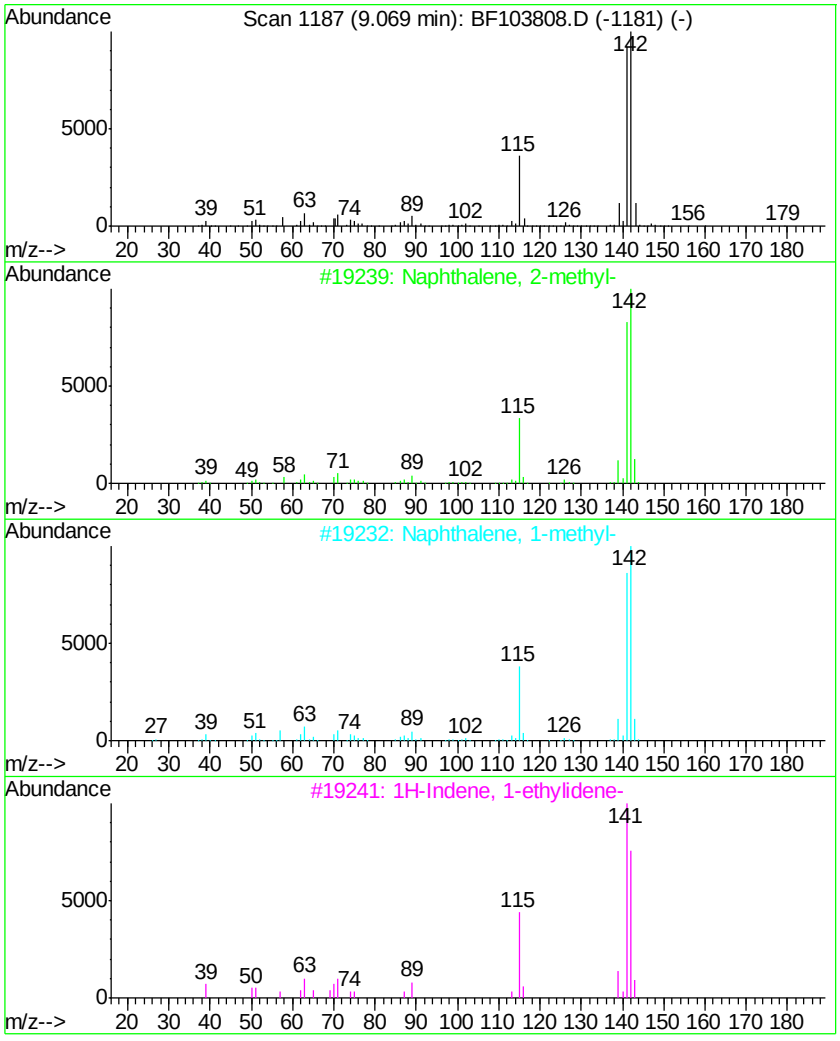
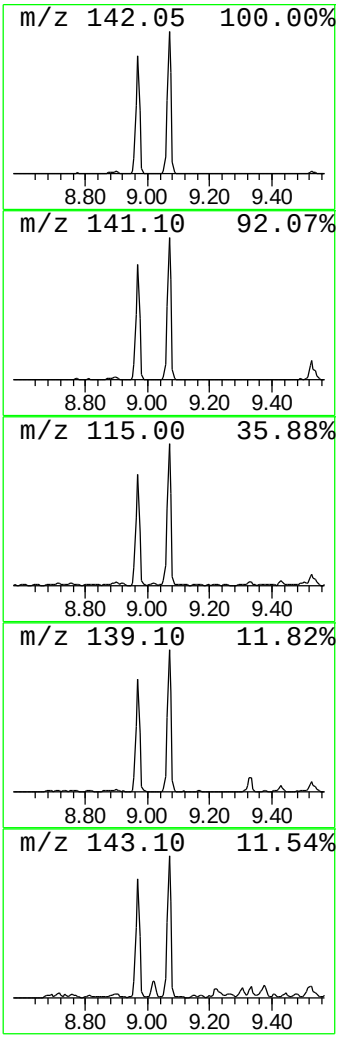
Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	42.14 ng	2675340	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Instrument : BNA_F
ClientSampleId : SB-114(4-5)

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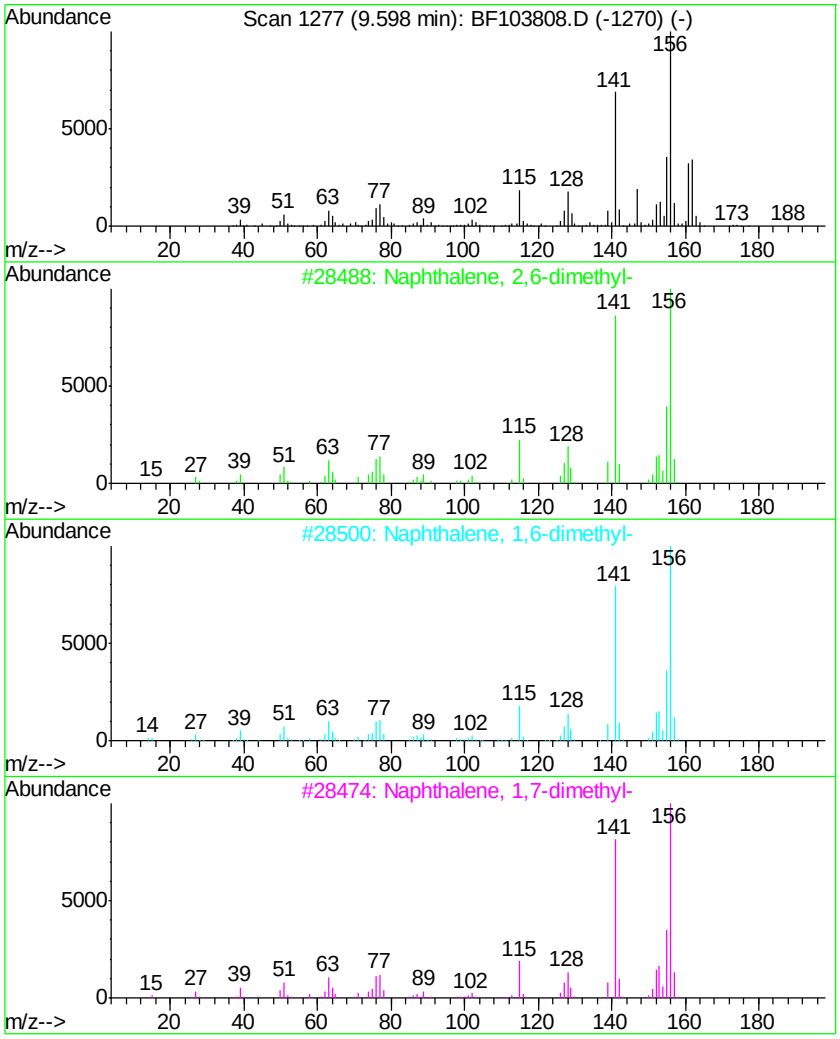
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

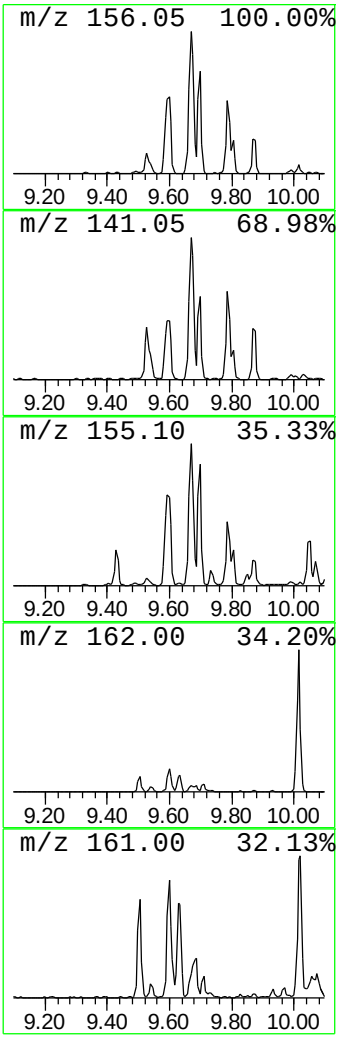
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	18.77 ng	1198720	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-114(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

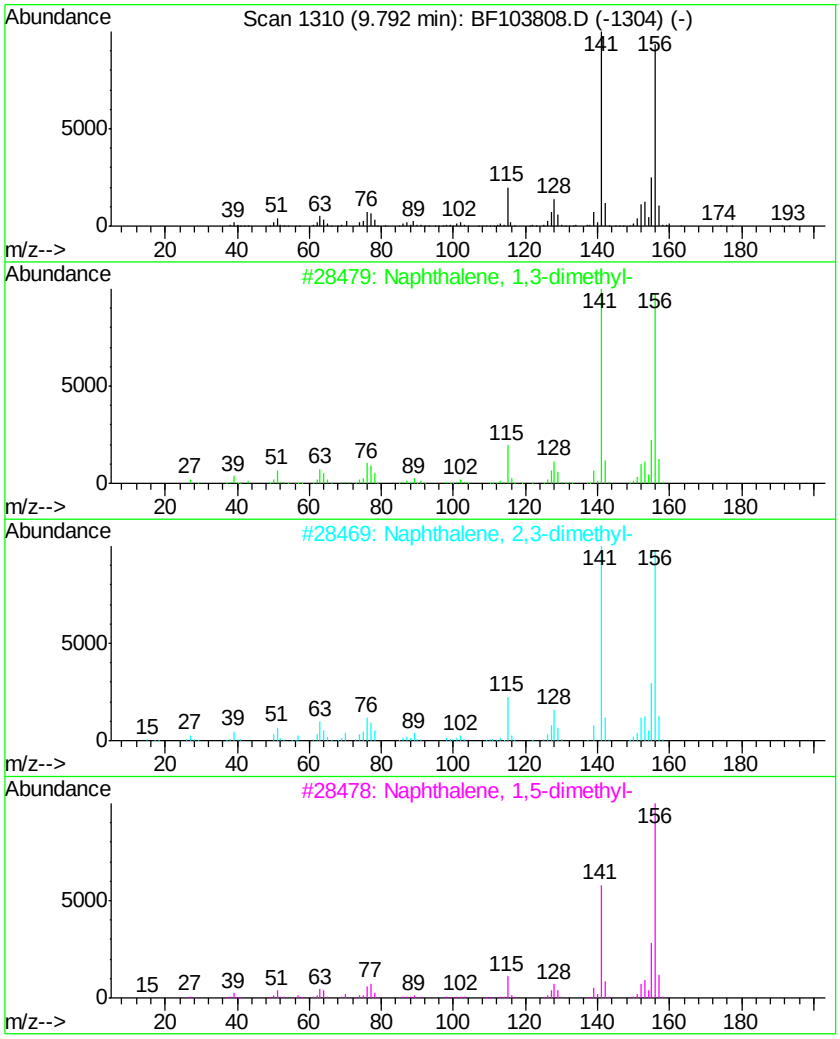
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

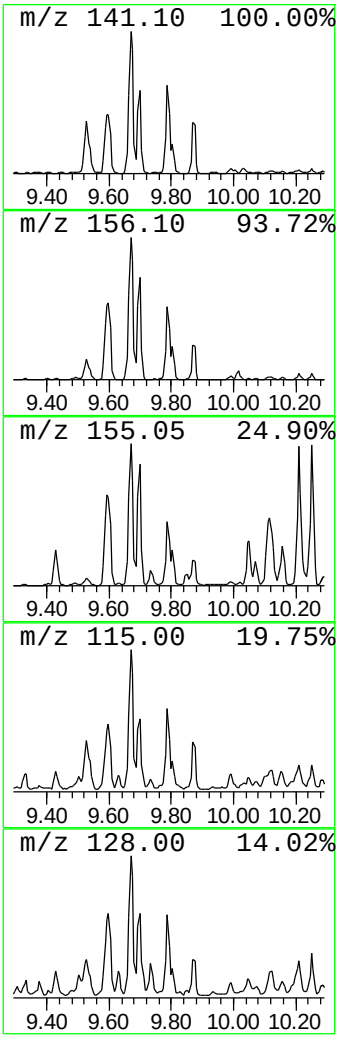
****

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	13.10 ng	836471	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Operator : JU/SJ
Sample : J1982-03
Misc :
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Instrument : BNA_F
ClientSampleId : SB-114(4-5)

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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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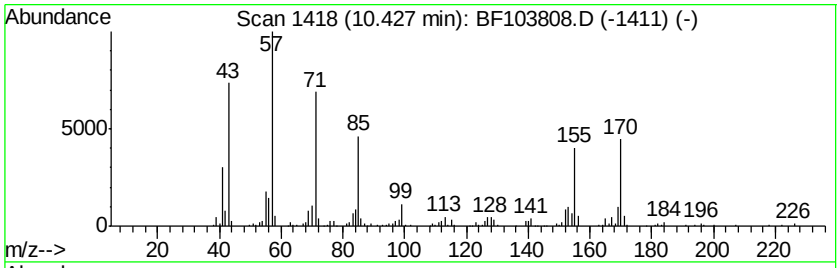
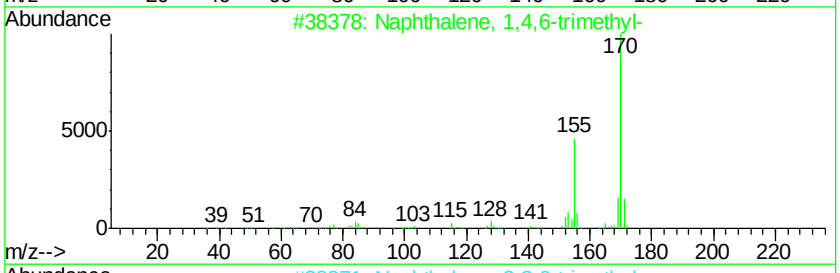
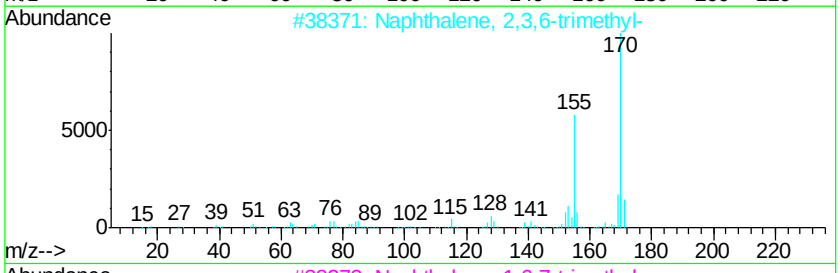
Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 19

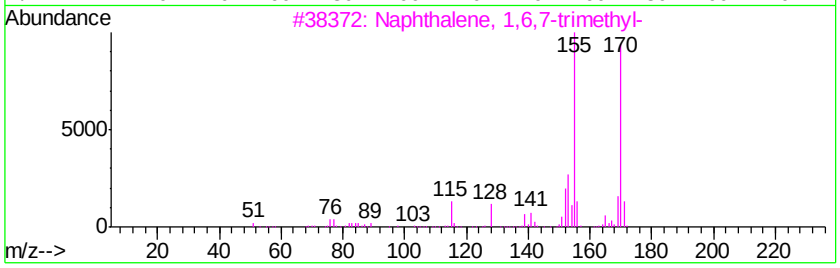
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	10.29 ng	657297	Acenaphthene-d10	10.02

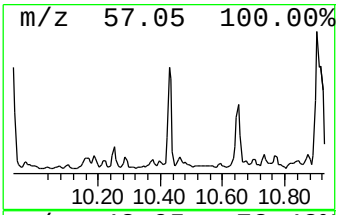
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70

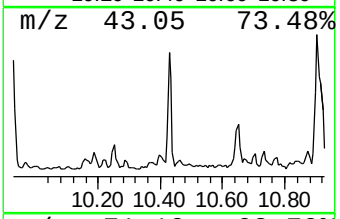


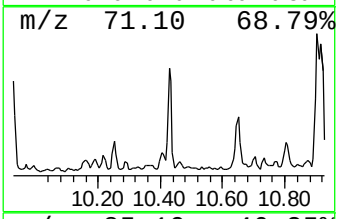


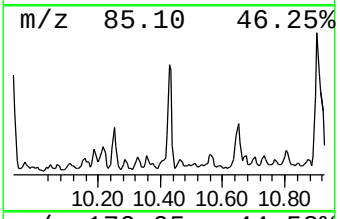


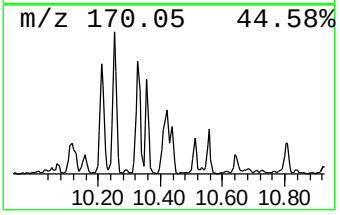












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Operator : JU/SJ
Sample : J1982-03
Misc :
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Instrument : BNA_F
ClientSampleId : SB-114(4-5)

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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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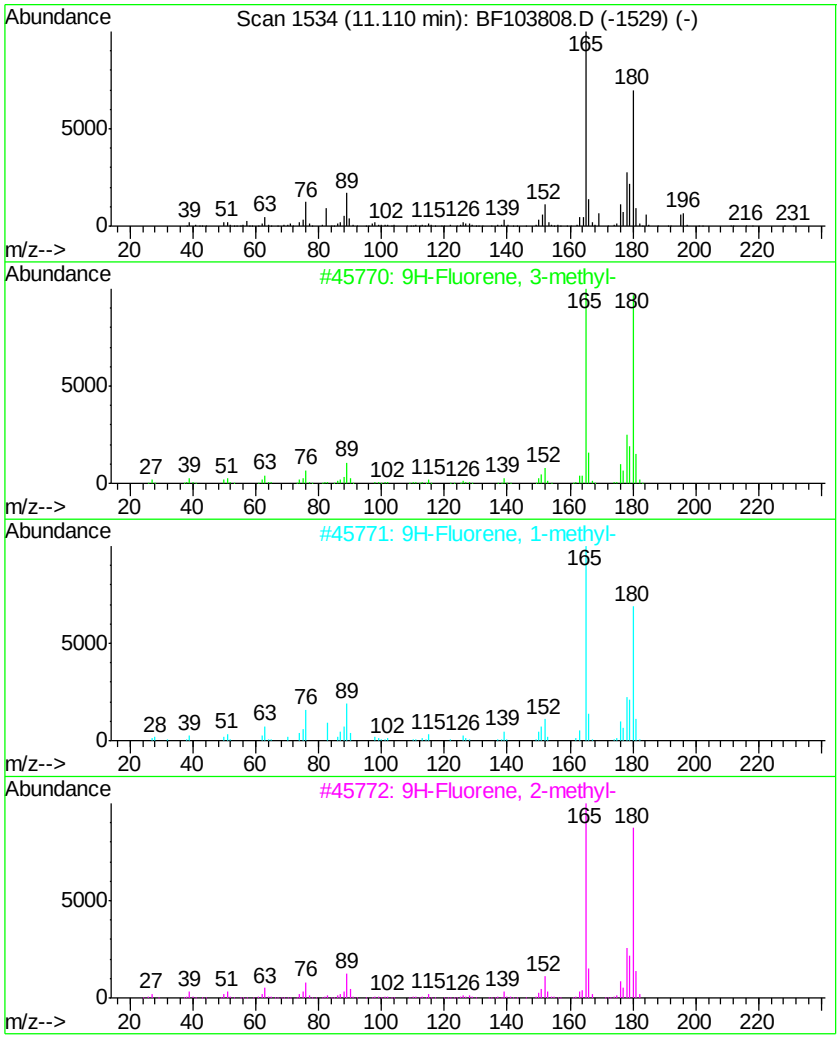
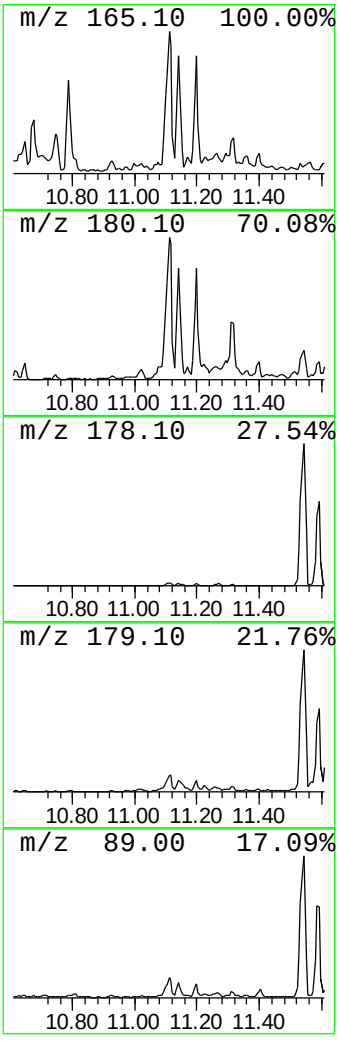
Peak Number 8 9H-Fluorene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	14.55 ng	889199	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81





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

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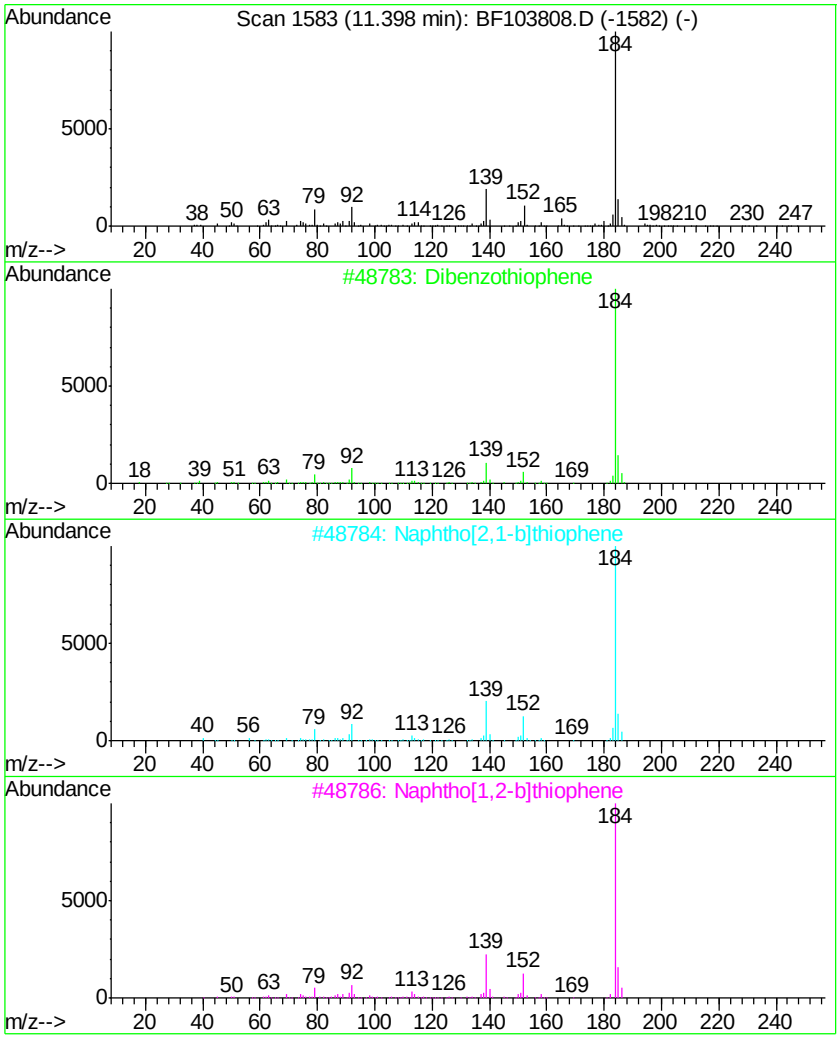
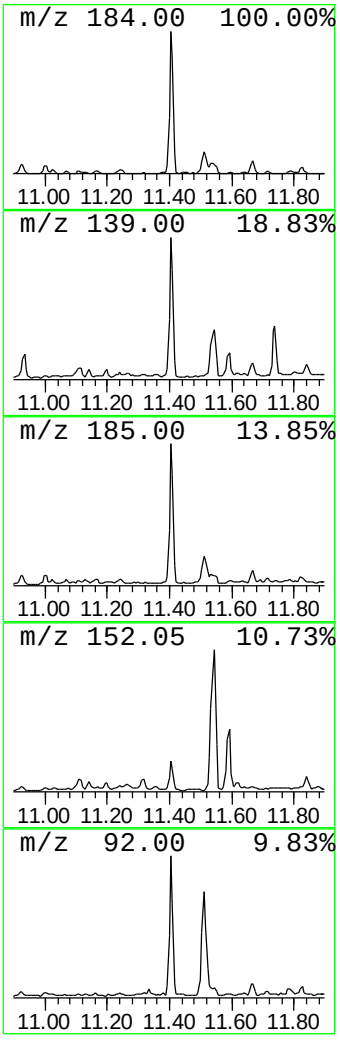
Peak Number 9 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	14.49 ng	885537	Phenanthrene-d10	11.51

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	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-114(4-5)

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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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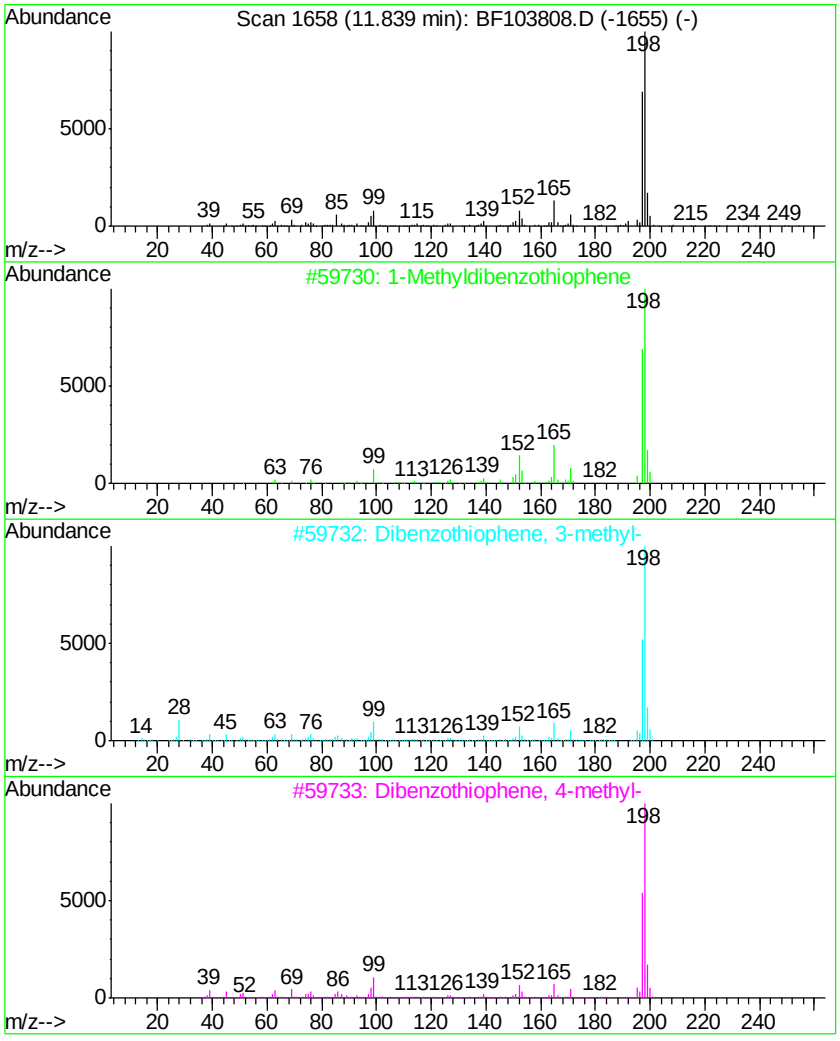
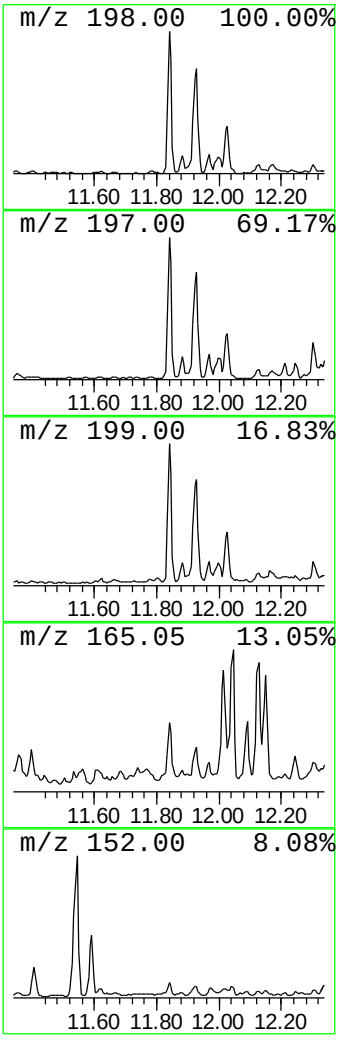
Peak Number 10 1-Methyldibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	10.10 ng	617059	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
4	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	72
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64





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

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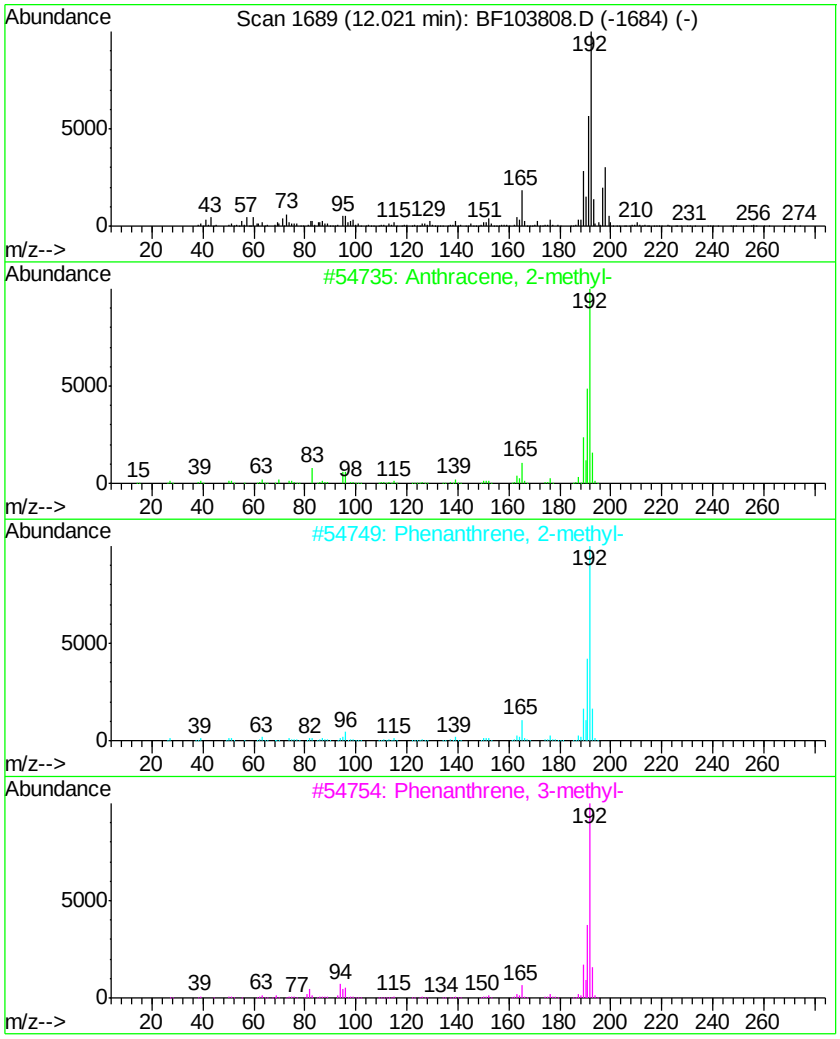
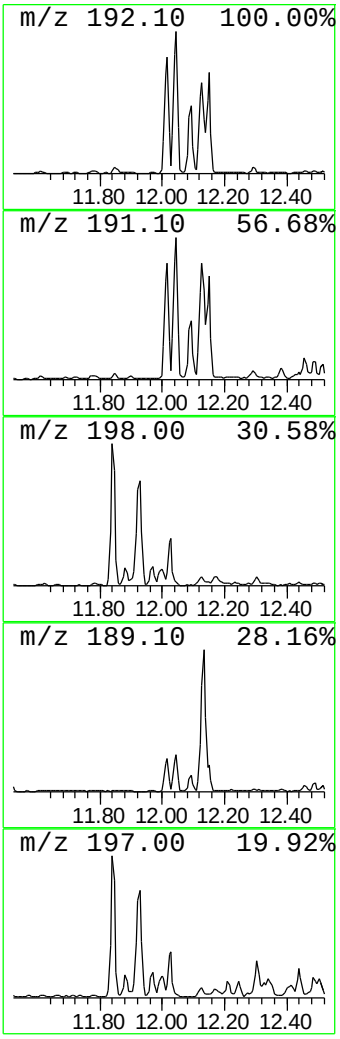
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	20.60 ng	1259250	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Misc :
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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.
12.04	23.44 ng	1432560	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
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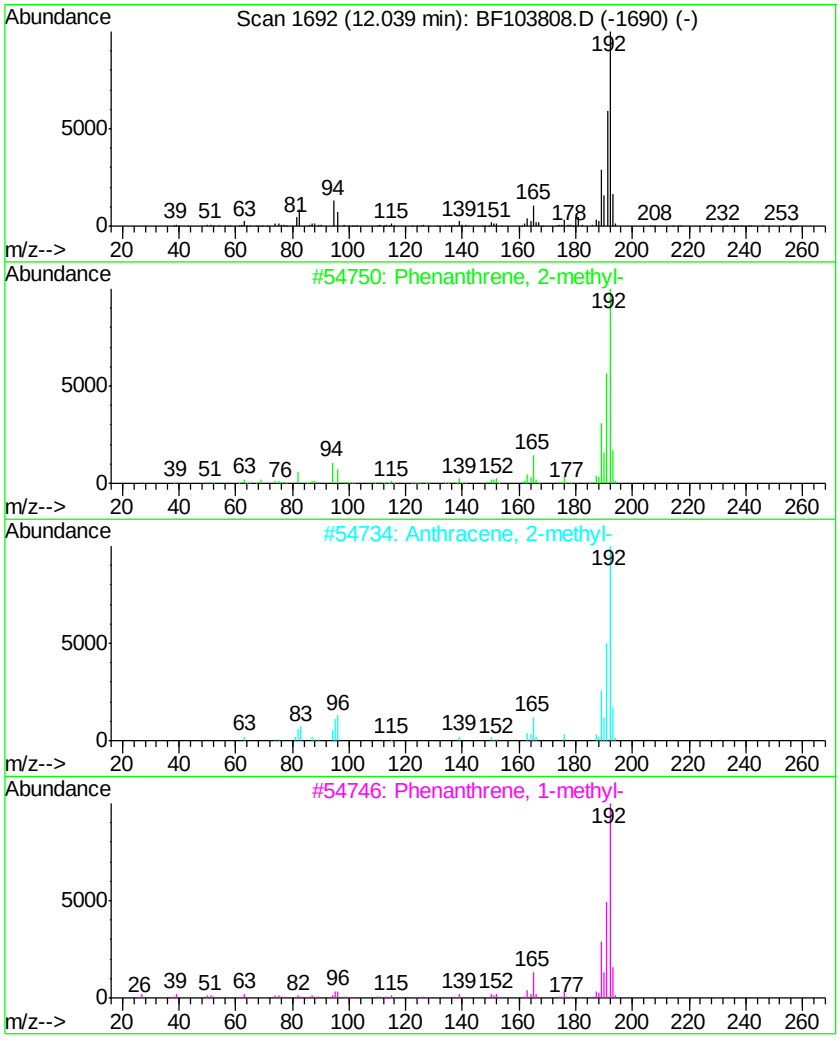

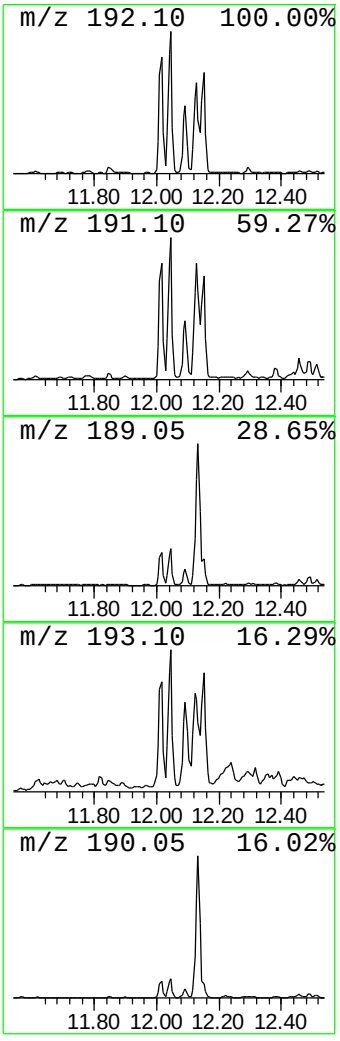

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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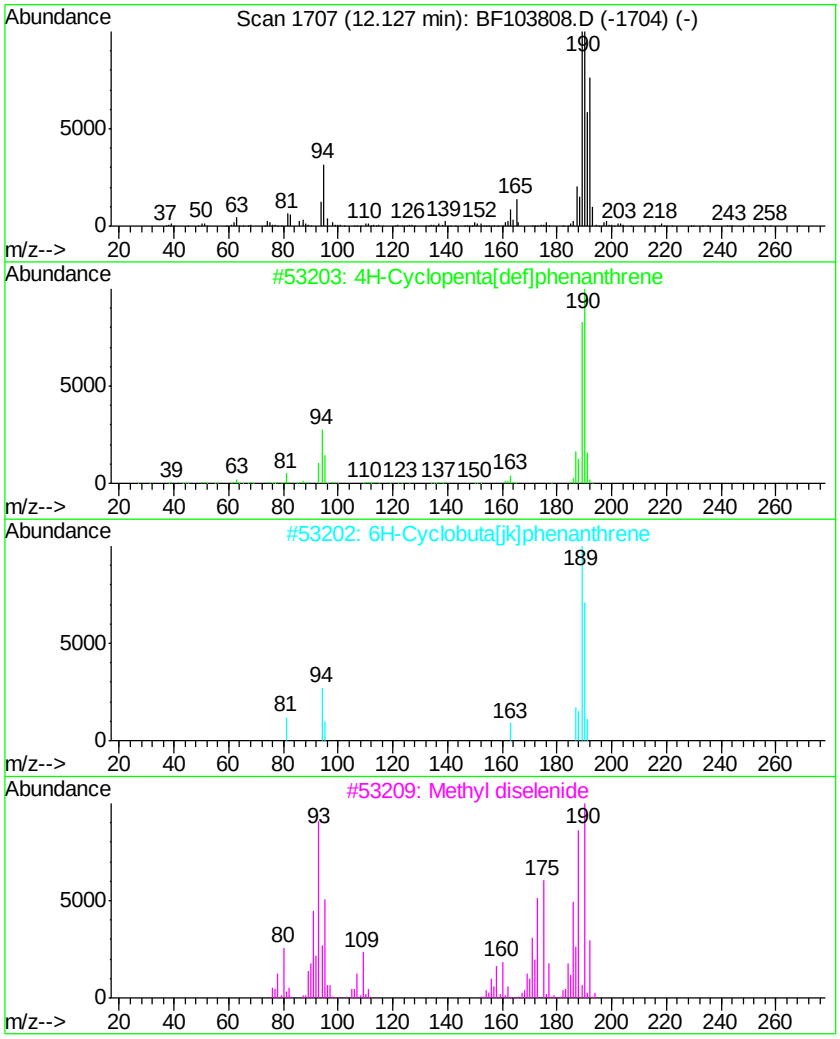
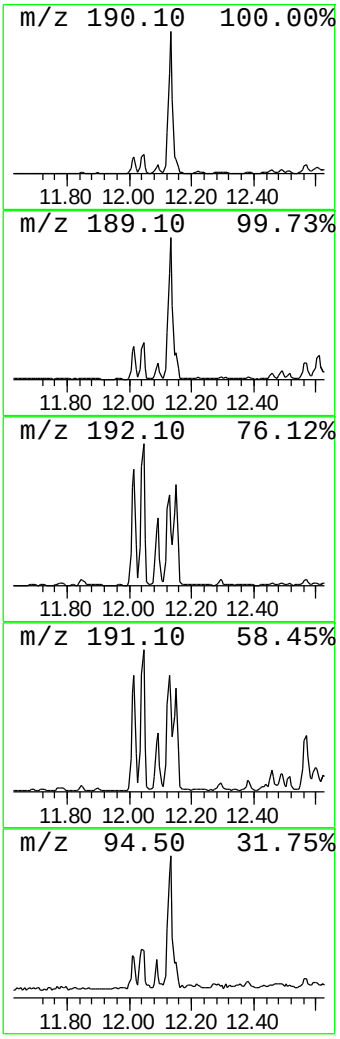
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	44.66 ng	2729840	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





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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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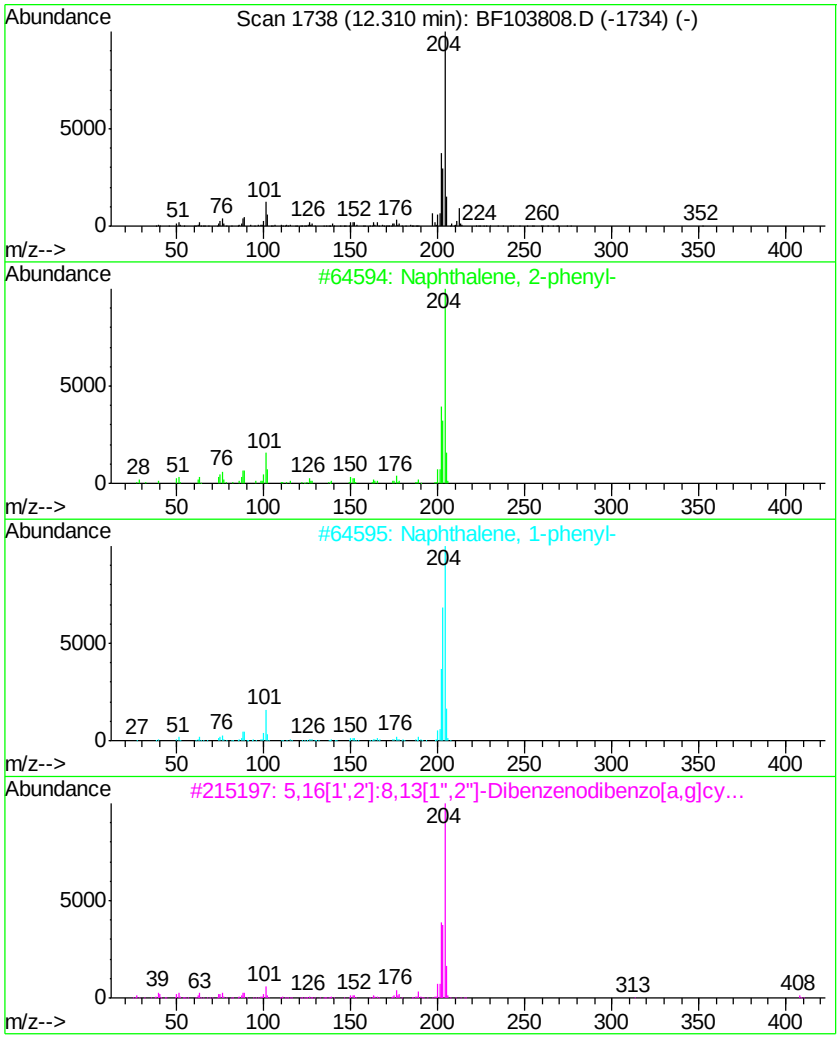
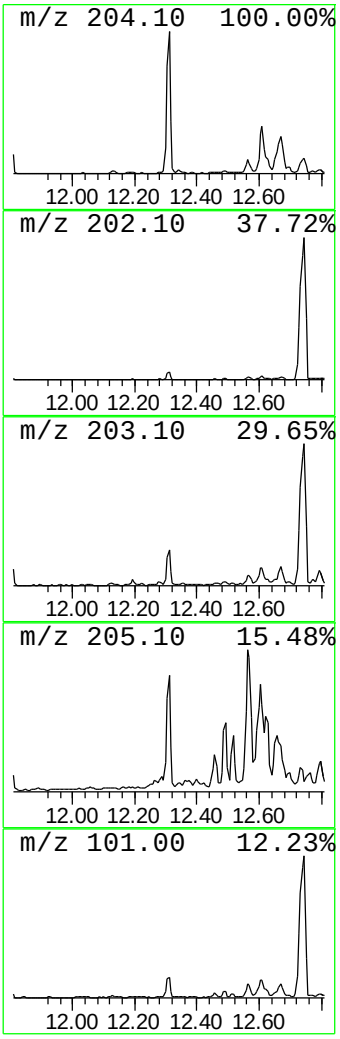
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	14.28 ng	872734	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	50
4	Quinoline, 6-methoxy-5-nitro-	204	C10H8N2O3	006623-91-2	49
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





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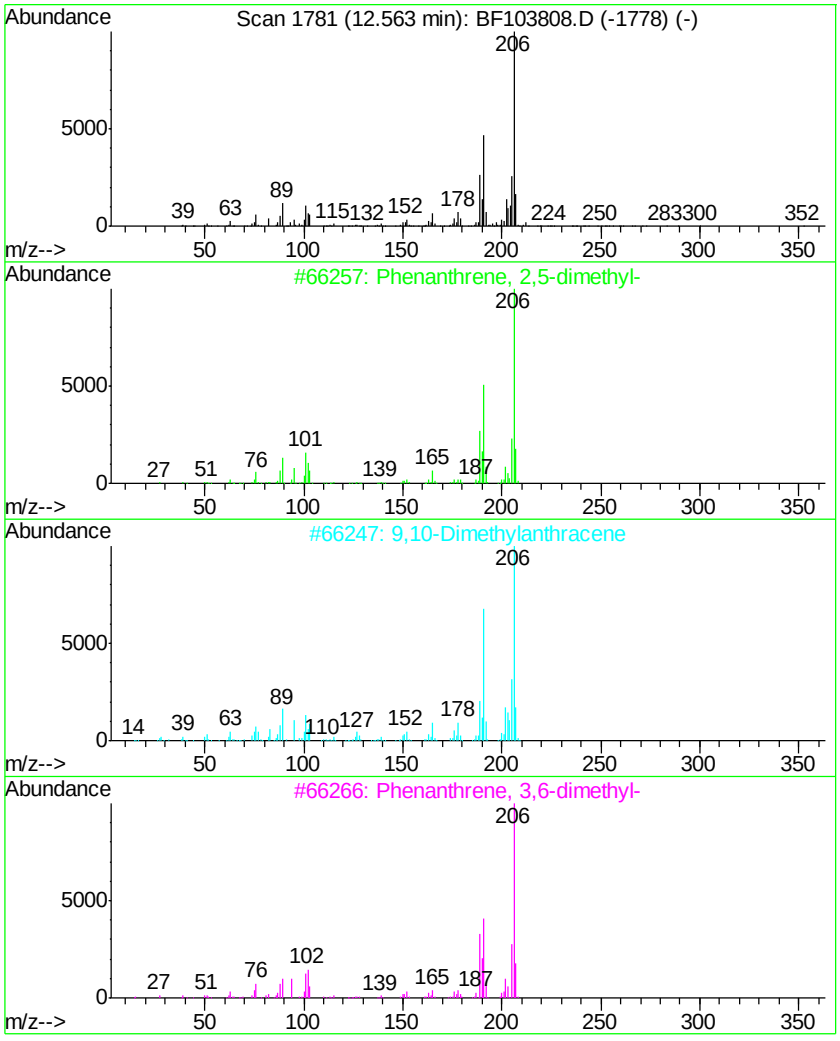
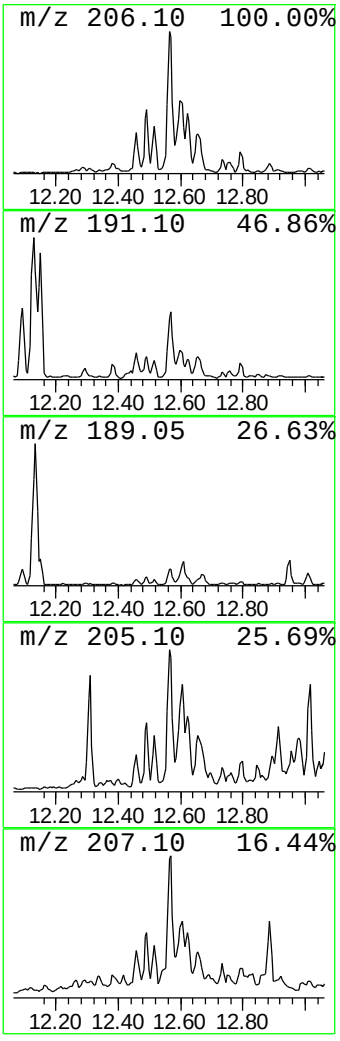
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	18.75 ng	1146280	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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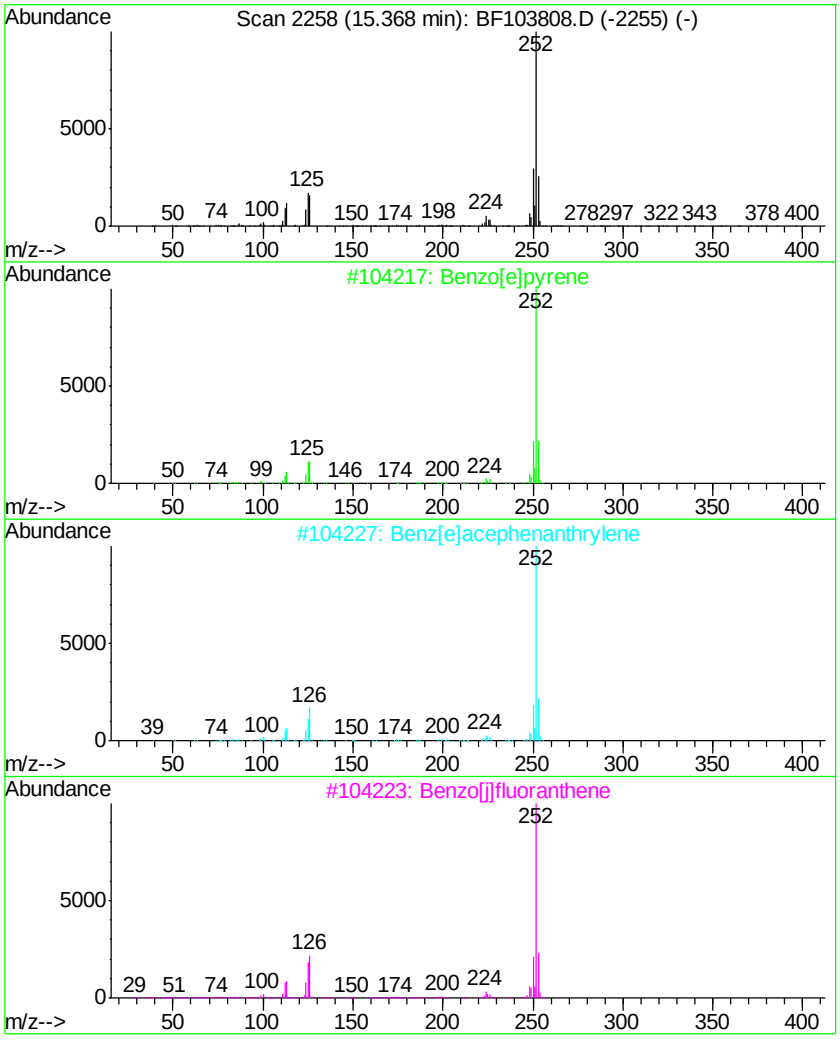
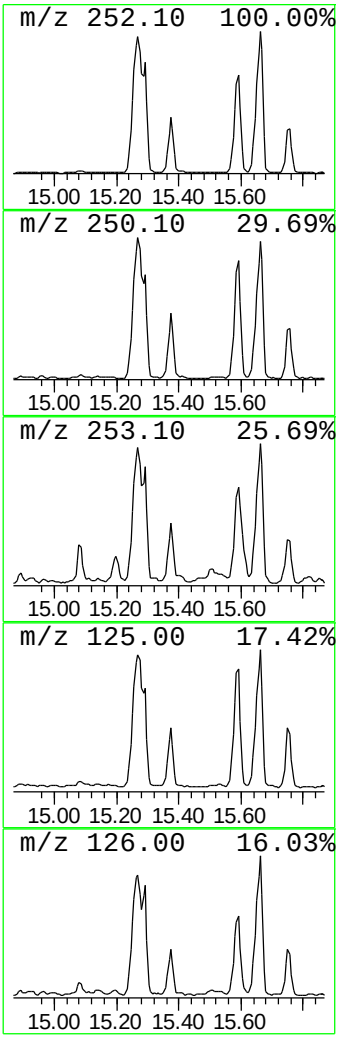
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	23.09 ng	910519	Perylene-d12	15.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
4	Perylene	252	C20H12	000198-55-0	96
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103808.D
Acq On : 20 Mar 2018 17:58
Operator : JU/SJ
Sample : J1982-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-114(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

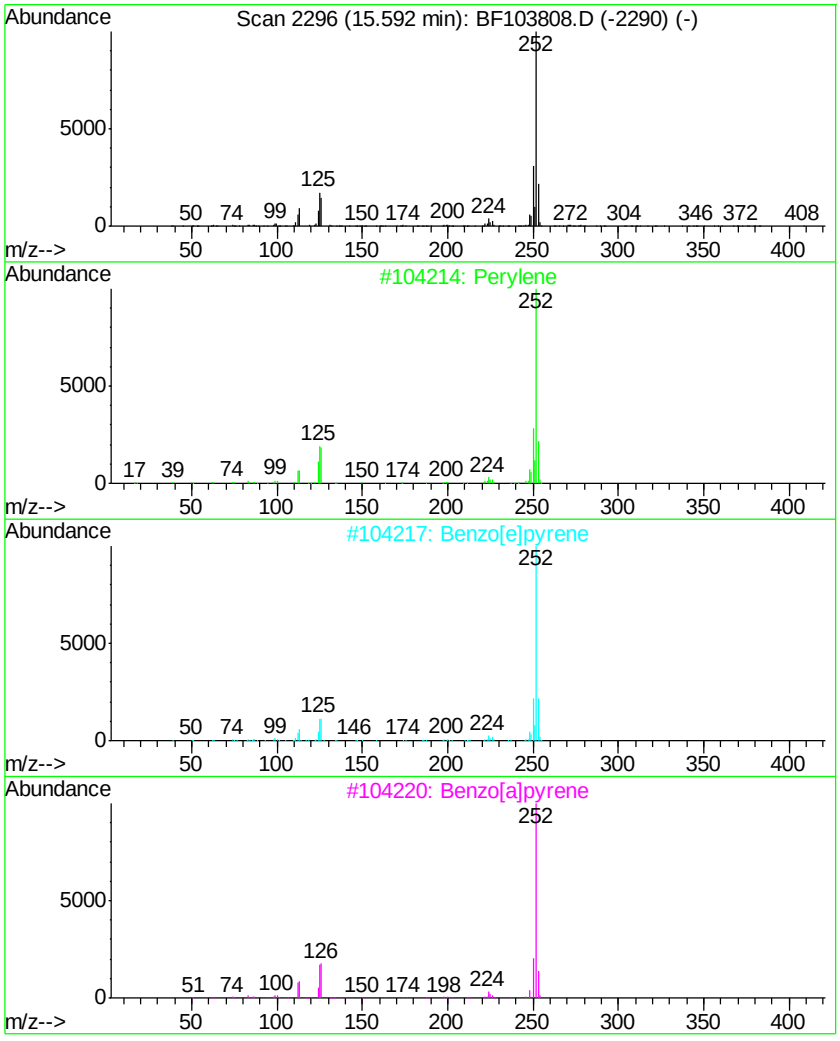
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

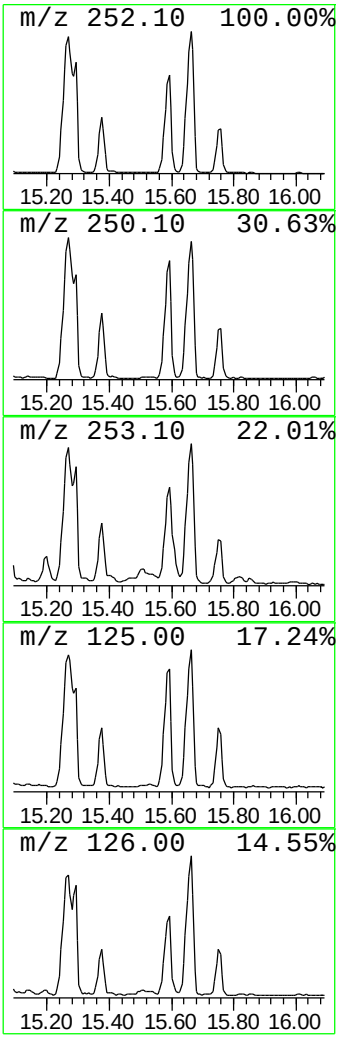
****

Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	53.83 ng	2122810	Perylene-d12	15.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032018\
Data File : BF103808.D
Acq On : 20 Mar 2018 17:58
Operator : JU/SJ
Sample : J1982-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-114(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.75	6.75	87.7	ng	4189650	1	6.97	955594	20.0
Benzene, 1-propynyl-	7.23	16.6	ng	794783	1	6.97	955594	20.0
Naphthalene, 1-me...	9.07	42.1	ng	2675340	2	8.26	1269700	20.0
Naphthalene, 2,6-...	9.60	18.8	ng	1198720	3	10.02	1277370	20.0
Naphthalene, 1,3-...	9.79	13.1	ng	836471	3	10.02	1277370	20.0
Naphthalene, 1,4,...	10.43	10.3	ng	657297	3	10.02	1277370	20.0
9H-Fluorene, 3-me...	11.11	14.6	ng	889199	4	11.51	1222470	20.0
Dibenzothiophene	11.40	14.5	ng	885537	4	11.51	1222470	20.0
1-Methyldibenzoth...	11.84	10.1	ng	617059	4	11.51	1222470	20.0
Anthracene, 2-met...	12.02	20.6	ng	1259250	4	11.51	1222470	20.0
Phenanthrene, 2-m...	12.04	23.4	ng	1432560	4	11.51	1222470	20.0
4H-Cyclopenta[def...	12.13	44.7	ng	2729840	4	11.51	1222470	20.0
Naphthalene, 2-ph...	12.31	14.3	ng	872734	4	11.51	1222470	20.0
Phenanthrene, 2,5...	12.56	18.8	ng	1146280	4	11.51	1222470	20.0
Benzo[e]pyrene	15.37	23.1	ng	910519	6	15.72	788663	20.0
Perylene	15.59	53.8	ng	2122810	6	15.72	788663	20.0