LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099787.D
Acq On : 24 Oct 2017 14:48
Operator : SJ/JU
Sample : I6028-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15-40-RT4651

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	496	499	515	rVB	188066	265474	11.10%	0.640%
2	5.428	565	568	588	rBV	1624990	1600809	66.92%	3.859%
3	6.445	737	741	757	rBV	1546117	1630921	68.18%	3.932%
4	6.575	759	763	769	rVV	1901367	1702506	71.17%	4.105%
5	6.804	798	802	809	rBV	657451	563723	23.56%	1.359%
6	6.957	824	828	842	rBV	1493182	1307248	54.65%	3.152%
7	7.369	895	898	915	rBV	1020328	1046859	43.76%	2.524%
8	8.086	1016	1020	1023	rBV	926220	812142	33.95%	1.958%
9	8.798	1138	1141	1147	rBV	107124	90899	3.80%	0.219%
10	8.898	1153	1158	1162	rBV	92714	81571	3.41%	0.197%
11	9.163	1198	1203	1206	rBV	1934029	1853857	77.49%	4.470%
12	9.357	1233	1236	1242	rVB	94830	87543	3.66%	0.211%
13	9.427	1244	1248	1252	rVV	70887	86387	3.61%	0.208%
14	9.498	1257	1260	1263	rVV	120200	121924	5.10%	0.294%
15	9.616	1277	1280	1288	rVB	65612	78848	3.30%	0.190%
16	9.839	1312	1318	1321	rBV	974603	934179	39.05%	2.252%
17	9.875	1321	1324	1328	rVV	441173	377780	15.79%	0.911%
18	9.945	1332	1336	1340	rBV2	83149	115272	4.82%	0.278%
19	9.998	1340	1345	1347	rBV2	108289	115963	4.85%	0.280%
20	10.045	1347	1353	1356	rVV3	88241	130202	5.44%	0.314%
21	10.245	1381	1387	1389	rBV2	57461	85038	3.55%	0.205%
22	10.392	1405	1412	1416	rBV	351377	344732	14.41%	0.831%
23	10.439	1417	1420	1421	rBV	116063	89895	3.76%	0.217%
24	10.457	1421	1423	1424	rVV	152045	124180	5.19%	0.299%
25	10.474	1424	1426	1428	rVV	181226	142582	5.96%	0.344%
26	10.527	1432	1435	1437	rVV2	78653	93300	3.90%	0.225%
27	10.551	1437	1439	1443	rVB2	152892	154154	6.44%	0.372%
28	10.633	1450	1453	1457	rBV	1137914	1116034	46.65%	2.691%
29	10.939	1497	1505	1507	rBV2	169015	235730	9.85%	0.568%
30	10.969	1507	1510	1513	rVV2	183627	195028	8.15%	0.470%
31	11.022	1517	1519	1522	rVB	137544	98860	4.13%	0.238%
32	11.086	1528	1530	1534	rVB	82483	70609	2.95%	0.170%
33	11.145	1536	1540	1543	rVB2	61886	73298	3.06%	0.177%
34	11.186	1543	1547	1551	rBV2	204843	216389	9.05%	0.522%

LSC Area Percent Report

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Data File : BF099787.D
Acq On : 24 Oct 2017 14:48
Operator : SJ/JU
Sample : I6028-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15-40-RT4651

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.227	1551	1554	1565	rVB	465786	438690	18.34%	1.058%
36	11.333	1568	1572	1574	rBV	984452	941997	39.38%	2.271%
37	11.363	1574	1577	1580	rVV	2612777	2392231	100.00%	5.768%
38	11.410	1582	1585	1588	rVV	673746	552201	23.08%	1.331%
39	11.439	1588	1590	1593	rVV3	53815	71532	2.99%	0.172%
40	11.569	1608	1612	1617	rBV2	117389	188482	7.88%	0.454%
41	11.663	1623	1628	1633	rBV	338065	358575	14.99%	0.865%
42	11.745	1638	1642	1646	rBV2	202824	258803	10.82%	0.624%
43	11.833	1653	1657	1660	rBV	803721	789524	33.00%	1.903%
44	11.863	1660	1662	1665	rVB	932321	775506	32.42%	1.870%
45	11.910	1667	1670	1673	rBV	327342	264562	11.06%	0.638%
46	11.945	1673	1676	1679	rBV2	918786	1076482	45.00%	2.595%
47	11.969	1679	1680	1684	rVB	623457	410146	17.14%	0.989%
48	12.068	1694	1697	1700	rVB	107192	87524	3.66%	0.211%
49	12.127	1704	1707	1709	rBV	412023	340049	14.21%	0.820%
50	12.168	1711	1714	1717	rVB2	173772	194298	8.12%	0.468%
51	12.204	1717	1720	1722	rBV	102741	92687	3.87%	0.223%
52	12.257	1727	1729	1731	rBV	80135	90213	3.77%	0.217%
53	12.274	1731	1732	1735	rVB	185543	132424	5.54%	0.319%
54	12.310	1735	1738	1740	rBV	148673	105636	4.42%	0.255%
55	12.333	1740	1742	1747	rVB2	131334	117290	4.90%	0.283%
56	12.386	1747	1751	1753	rBV	482629	493947	20.65%	1.191%
57	12.421	1753	1757	1759	rBV3	159399	171774	7.18%	0.414%
58	12.439	1759	1760	1763	rVB	109856	79966	3.34%	0.193%
59	12.468	1763	1765	1766	rBV	147407	125253	5.24%	0.302%
60	12.551	1775	1779	1783	rBV	1606189	1446112	60.45%	3.486%
61	12.610	1787	1789	1792	rBV2	87460	78035	3.26%	0.188%
62	12.704	1801	1805	1807	rBV	215552	207127	8.66%	0.499%
63	12.727	1807	1809	1812	rVB2	89223	72701	3.04%	0.175%
64	12.786	1812	1819	1823	rBV	1759914	2210627	92.41%	5.330%
65	12.827	1823	1826	1830	rVB2	146212	177332	7.41%	0.428%
66	12.915	1837	1841	1844	rBV	1532638	1359146	56.81%	3.277%
67	13.004	1851	1856	1861	rBV3	201430	352718	14.74%	0.850%
68	13.051	1861	1864	1867	rVV3	104258	121966	5.10%	0.294%
69	13.110	1871	1874	1876	rVV	364609	377858	15.80%	0.911%
70	13.174	1879	1885	1888	rVV	322054	370287	15.48%	0.893%
71	13.215	1888	1892	1895	rVV	314192	420624	17.58%	1.014%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099787.D
Acq On : 24 Oct 2017 14:48
Operator : SJ/JU
Sample : I6028-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15-40-RT4651

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.304	1904	1907	1910	rVV	272304	250079	10.45%	0.603%
73	13.339	1910	1913	1916	rVV	269453	273988	11.45%	0.661%
74	13.510	1939	1942	1944	rVV2	70374	96245	4.02%	0.232%
75	13.533	1944	1946	1948	rVV	107049	118692	4.96%	0.286%
76	13.592	1952	1956	1959	rVV2	89036	148083	6.19%	0.357%
77	13.627	1959	1962	1965	rVV	133830	157560	6.59%	0.380%
78	13.733	1974	1980	1982	rBV2	209323	280038	11.71%	0.675%
79	13.751	1982	1983	1986	rVV	189090	131604	5.50%	0.317%
80	13.792	1986	1990	1995	rVV5	171906	292790	12.24%	0.706%
81	13.839	1995	1998	2003	rVB2	100107	125697	5.25%	0.303%
82	13.898	2003	2008	2011	rBV	70031	105104	4.39%	0.253%
83	13.974	2017	2021	2025	rVV2	831123	1337706	55.92%	3.225%
84	14.010	2025	2027	2030	rVV	739986	599187	25.05%	1.445%
85	14.086	2038	2040	2043	rBV	106698	93034	3.89%	0.224%
86	14.368	2083	2088	2092	rVV	248812	311818	13.03%	0.752%
87	14.404	2092	2094	2096	rVV	143838	122180	5.11%	0.295%
88	14.445	2097	2101	2103	rVV2	102891	150945	6.31%	0.364%
89	14.468	2103	2105	2107	rVV2	79788	80049	3.35%	0.193%
90	14.492	2107	2109	2111	rVV	108376	111164	4.65%	0.268%
91	14.515	2111	2113	2116	rVV2	110584	99239	4.15%	0.239%
92	14.562	2116	2121	2126	rVB2	76821	112525	4.70%	0.271%
93	15.021	2195	2199	2202	rBV	357973	497440	20.79%	1.199%
94	15.321	2246	2250	2257	rVB	281054	351730	14.70%	0.848%
95	15.386	2257	2261	2265	rBV	397367	495823	20.73%	1.195%
96	15.445	2268	2271	2275	rVV	443976	560857	23.44%	1.352%
97	15.480	2275	2277	2284	rVB2	83854	119539	5.00%	0.288%
98	16.333	2418	2422	2428	rVB3	46378	76933	3.22%	0.185%
99	16.921	2515	2522	2531	rVB2	151362	328291	13.72%	0.791%
100	17.374	2593	2599	2608	rBV	116057	260977	10.91%	0.629%

Sum of corrected areas: 41477578

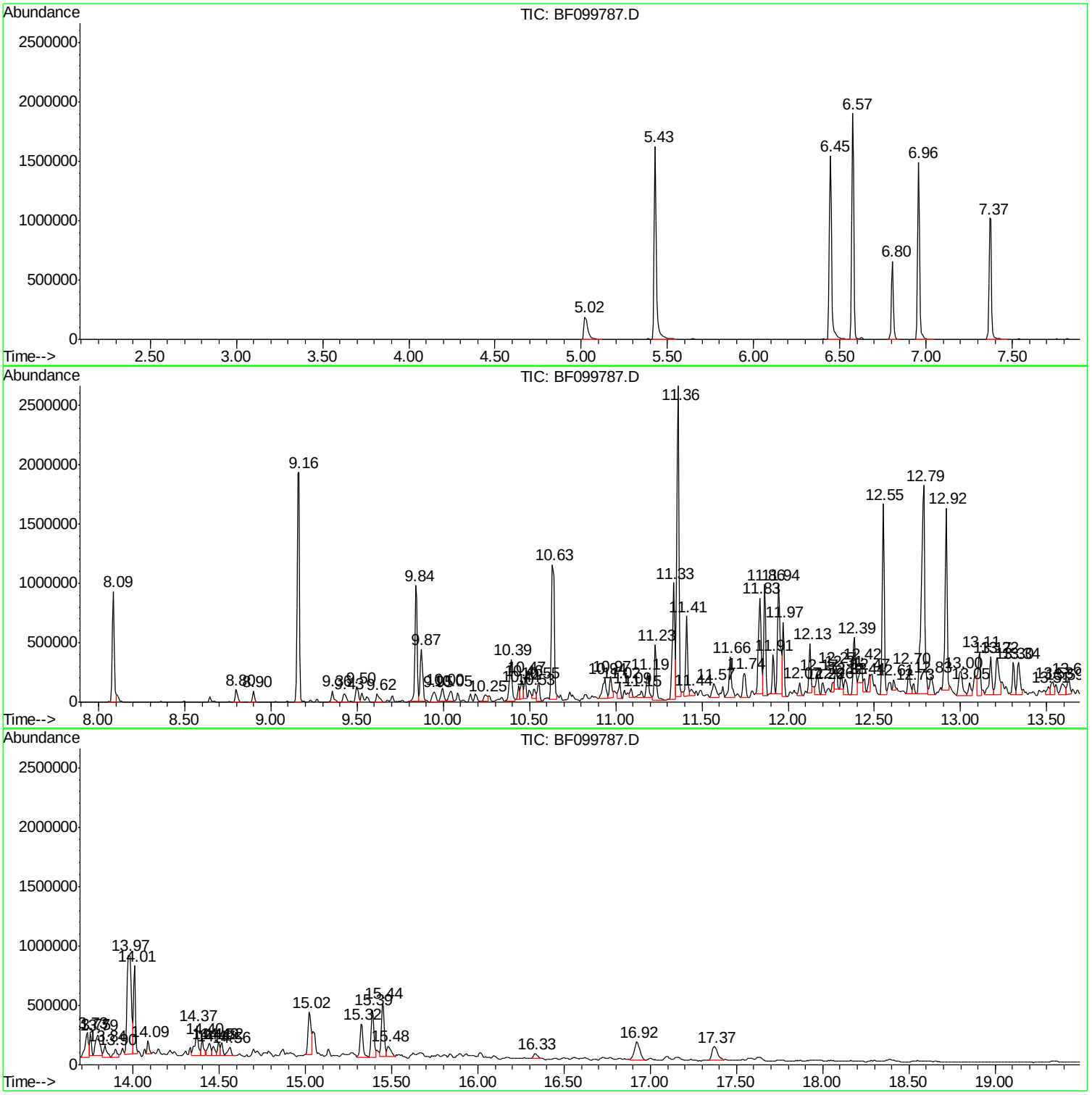
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099787.D
Acq On : 24 Oct 2017 14:48
Operator : SJ/JU
Sample : I6028-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15-40-RT4651

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
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Sample : I6028-01
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

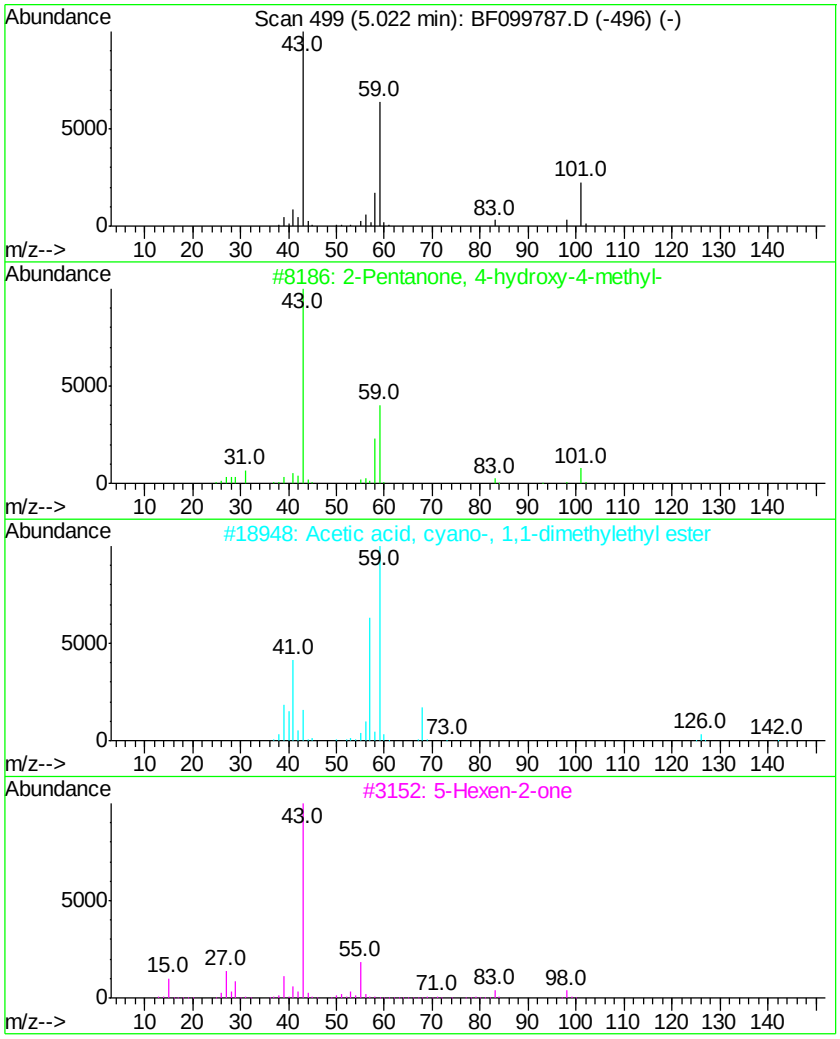
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

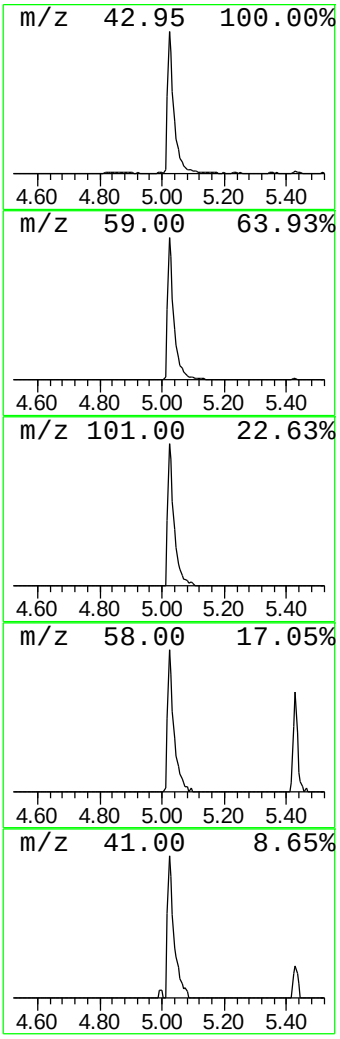
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	9.42 ng	265474	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099787.D
Acq On : 24 Oct 2017 14:48
Operator : SJ/JU
Sample : I6028-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15-40-RT4651

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

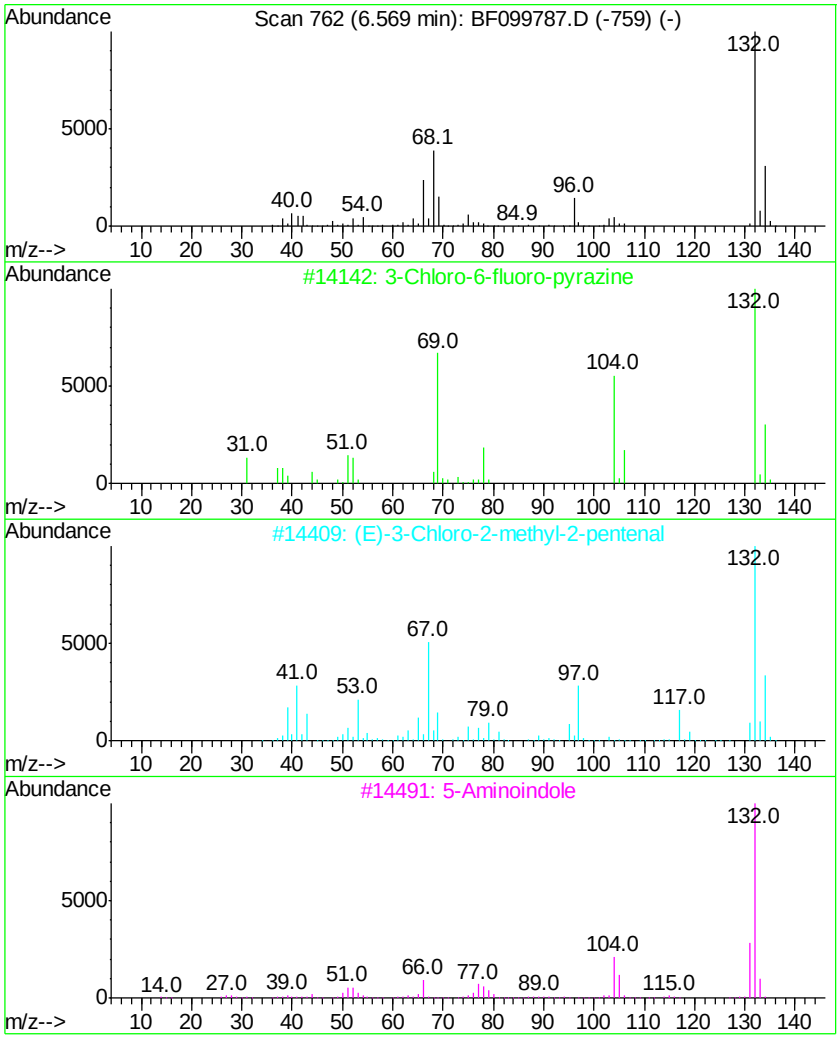
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

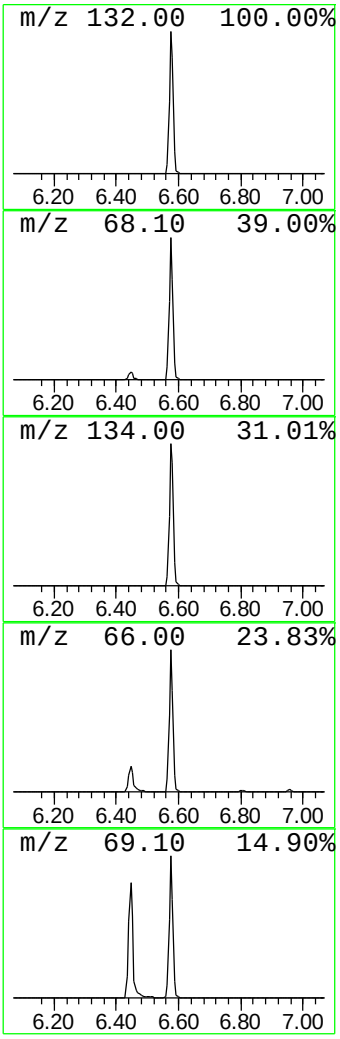
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	60.40 ng	1702510	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Aminoindan	133	C9H11N	034698-41-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099787.D
Acq On : 24 Oct 2017 14:48
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Sample : I6028-01
Misc :
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Instrument : BNA_F
ClientSampleId : 15-40-RT4651

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

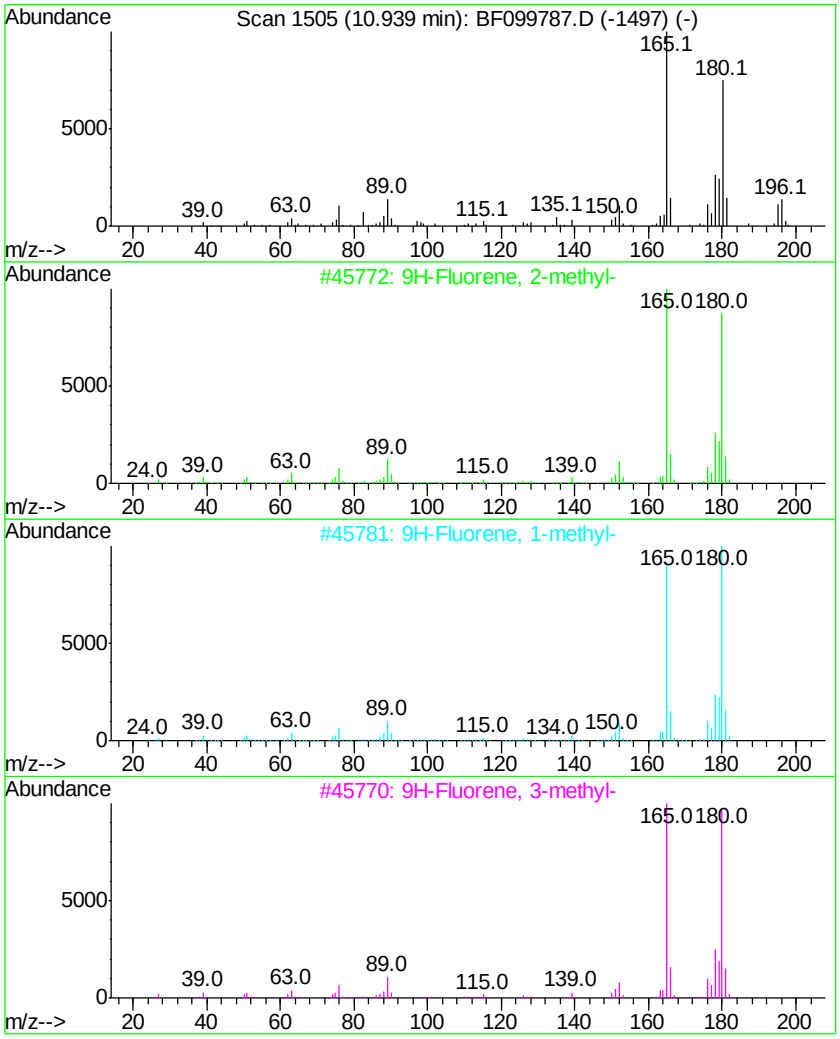
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

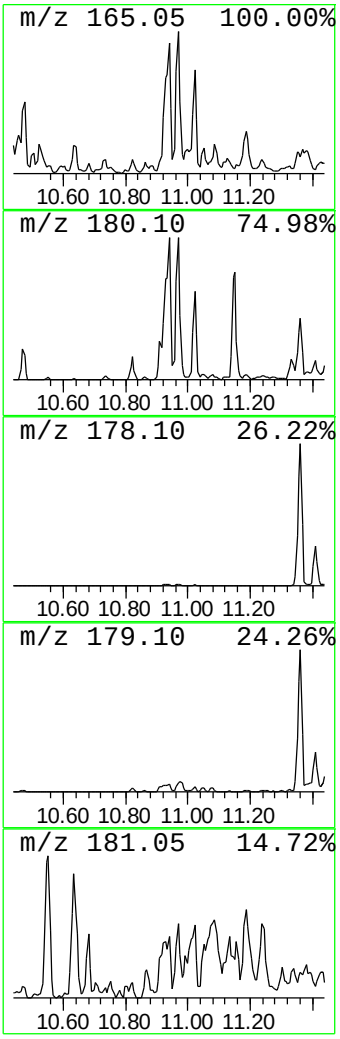
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	5.00 ng	235730	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
5	2-Benzothiazolamine, 6-methoxy-	180	C8H8N2OS	001747-60-0	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099787.D
Acq On : 24 Oct 2017 14:48
Operator : SJ/JU
Sample : I6028-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15-40-RT4651

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

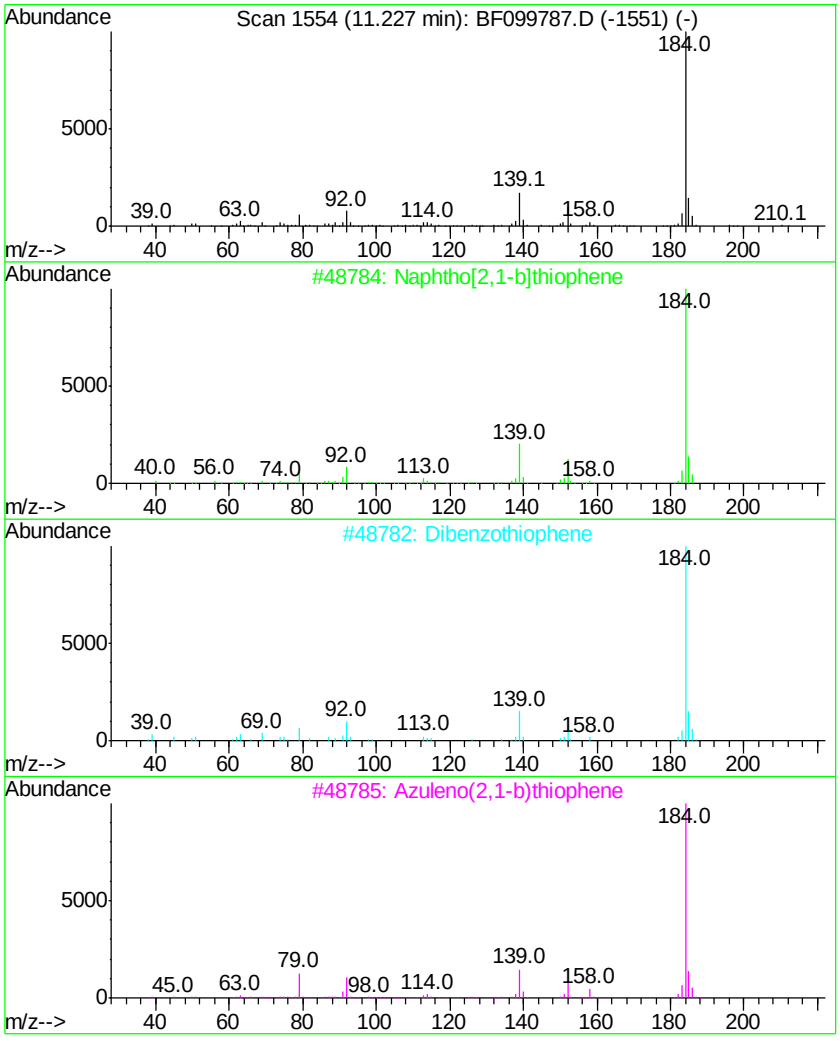
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

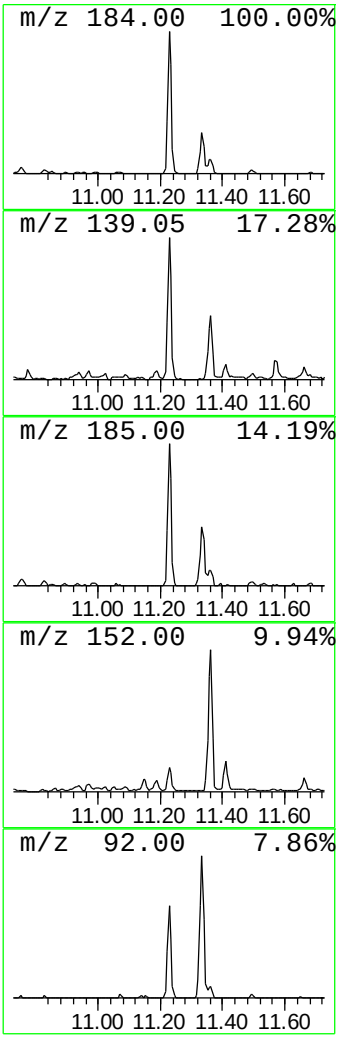
****

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	9.31 ng	438690	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	80
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099787.D
Acq On : 24 Oct 2017 14:48
Operator : SJ/JU
Sample : I6028-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15-40-RT4651

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

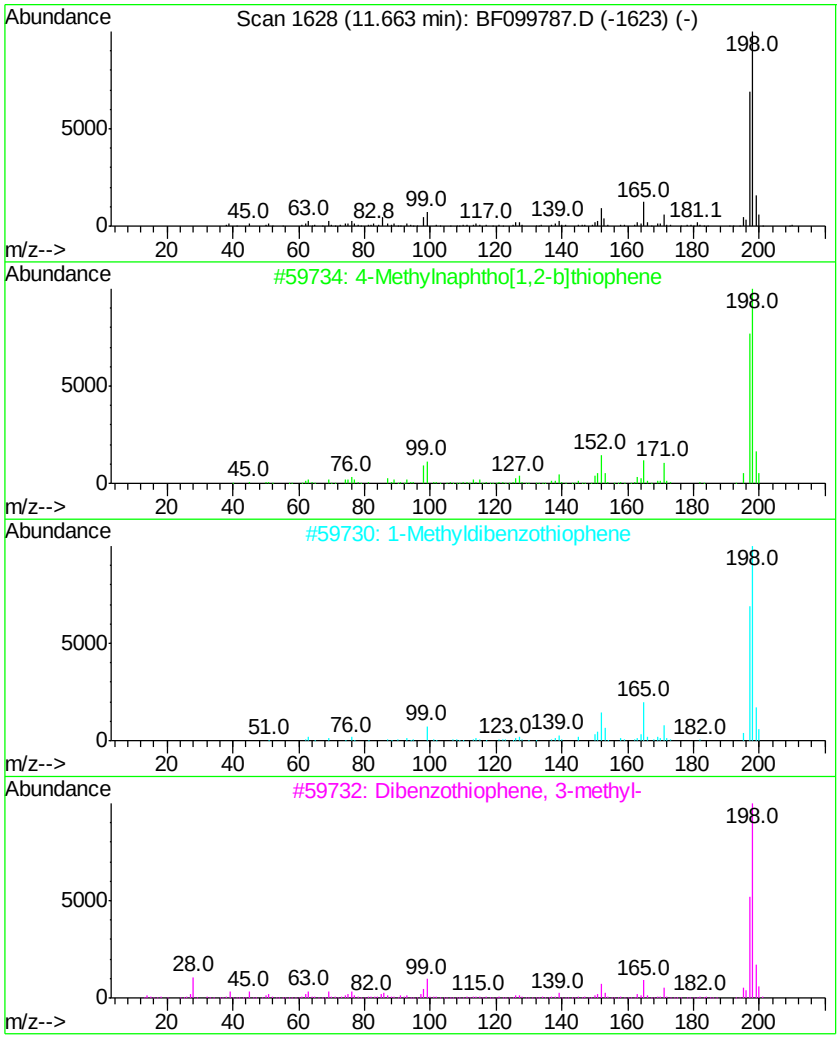
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

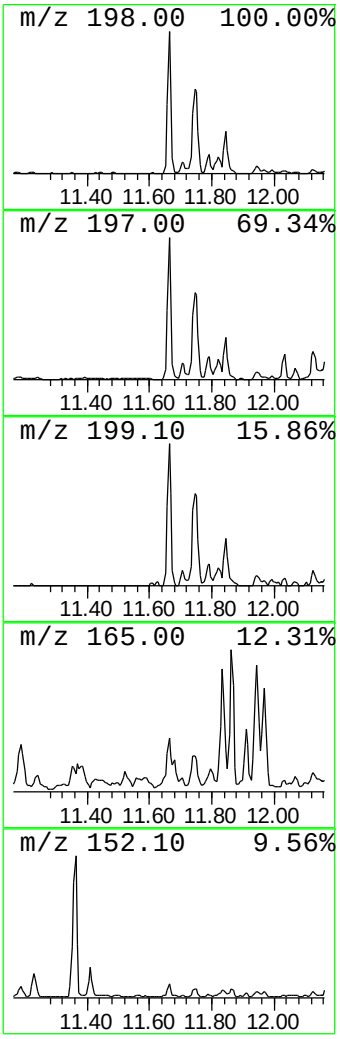
****

Peak Number 6 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	7.61 ng	358575	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	97
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	96
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	96
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	83





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Acq On : 24 Oct 2017 14:48
Operator : SJ/JU
Sample : I6028-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15-40-RT4651

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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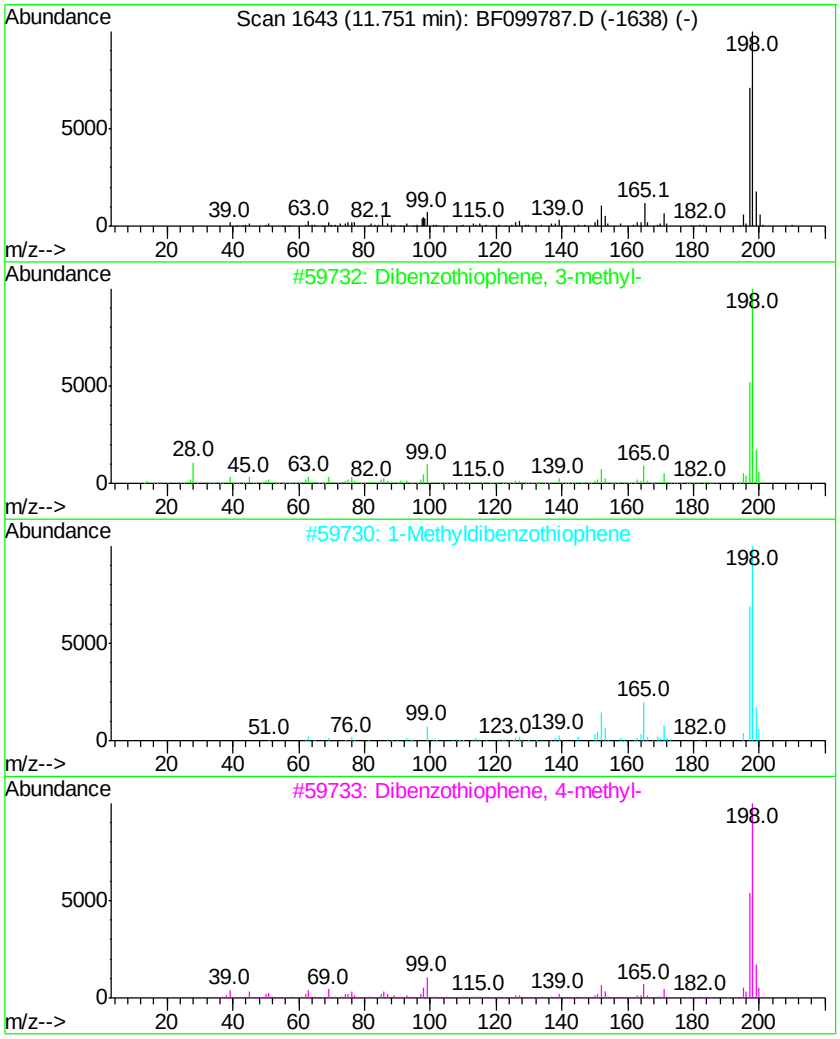
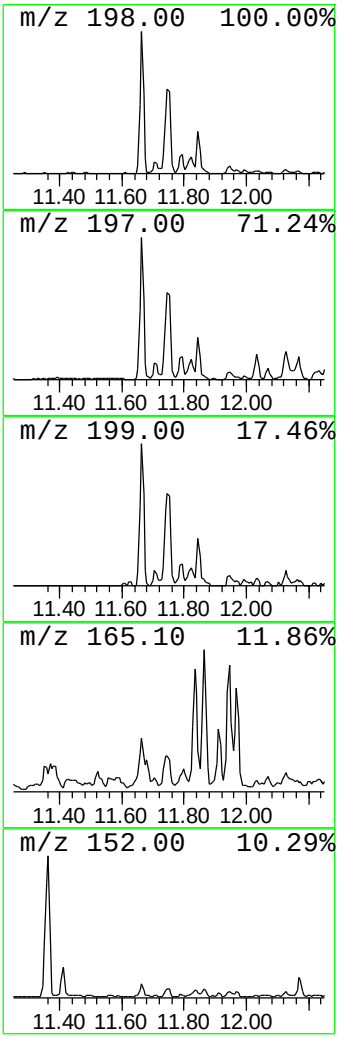
Peak Number 7 Dibenzothiophene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	5.49 ng	258803	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	97
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	96
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	95
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80





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Sample : I6028-01
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ClientSampleId : 15-40-RT4651

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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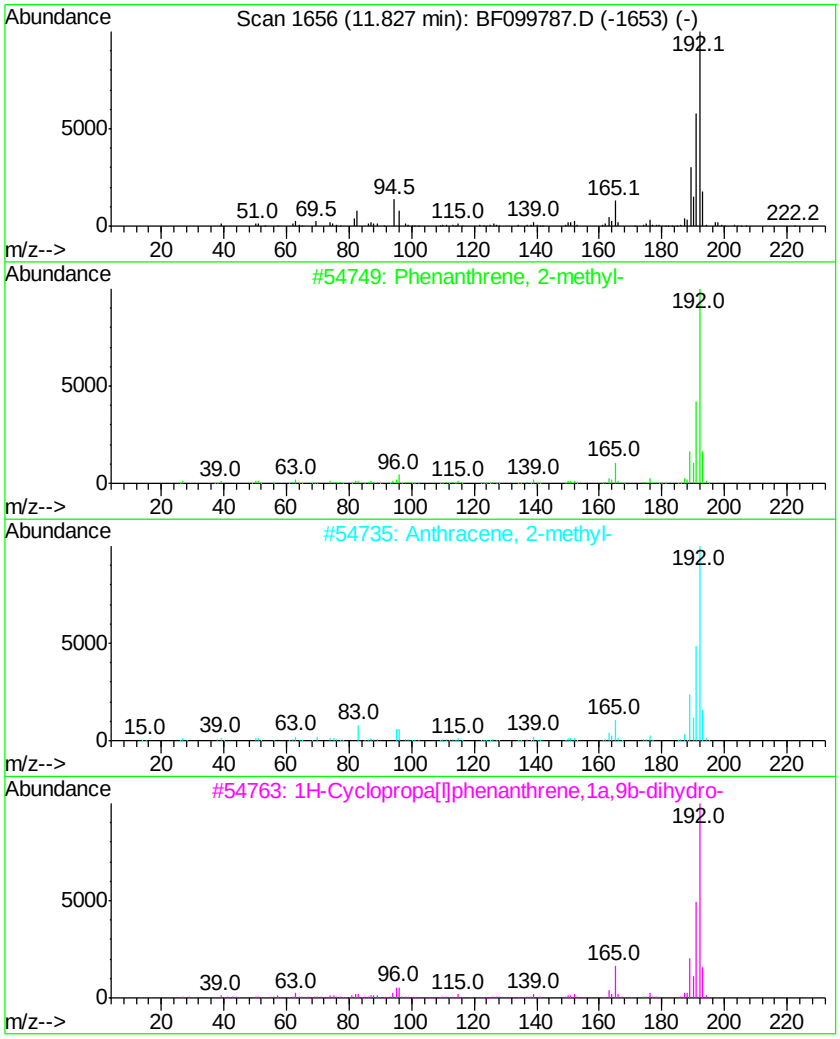
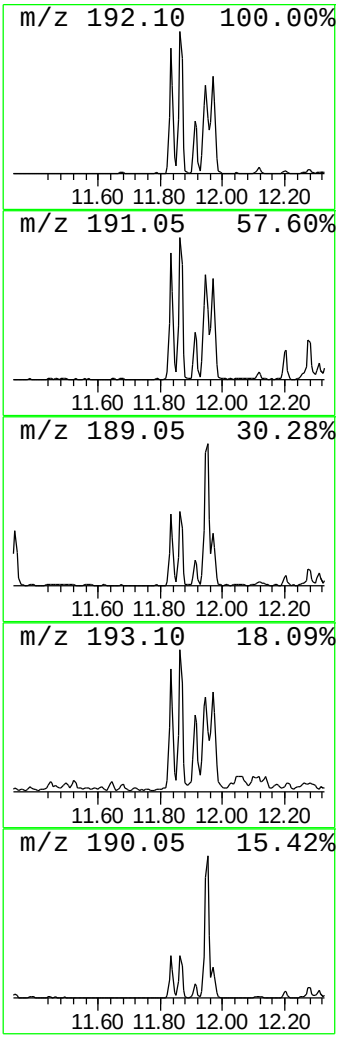
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	16.76 ng	789524	Phenanthrene-d10	11.33

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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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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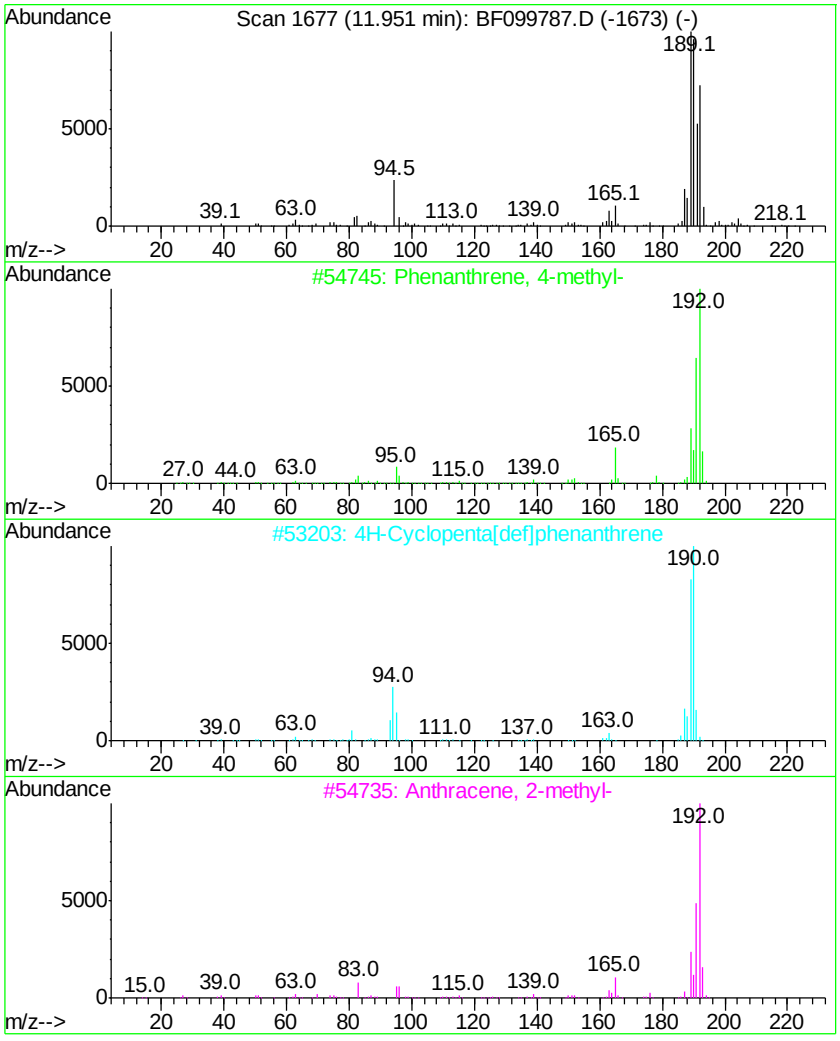
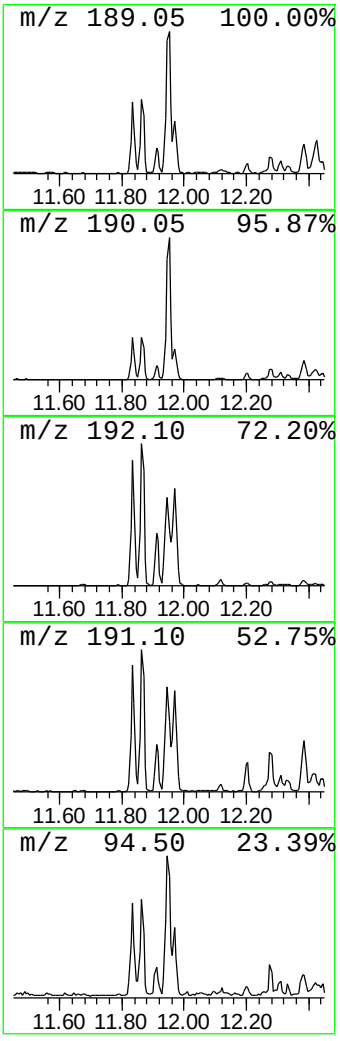
Peak Number 11 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	22.86 ng	1076480	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50





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ClientSampleId : 15-40-RT4651

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

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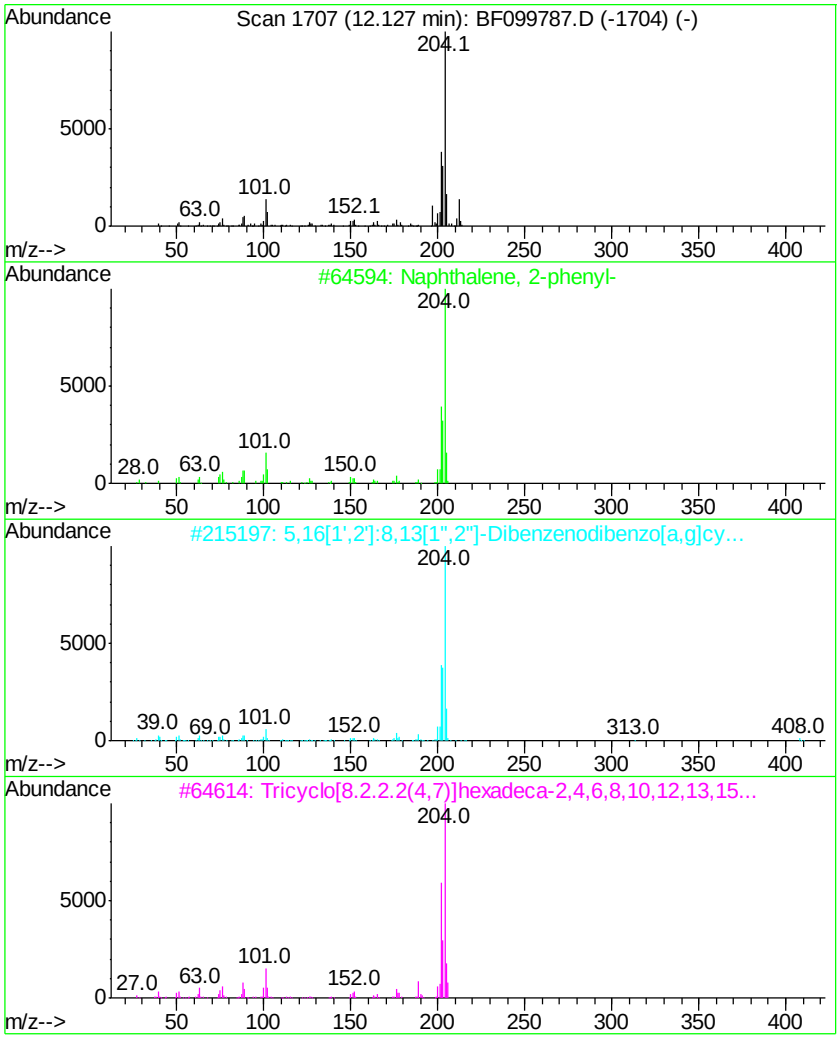
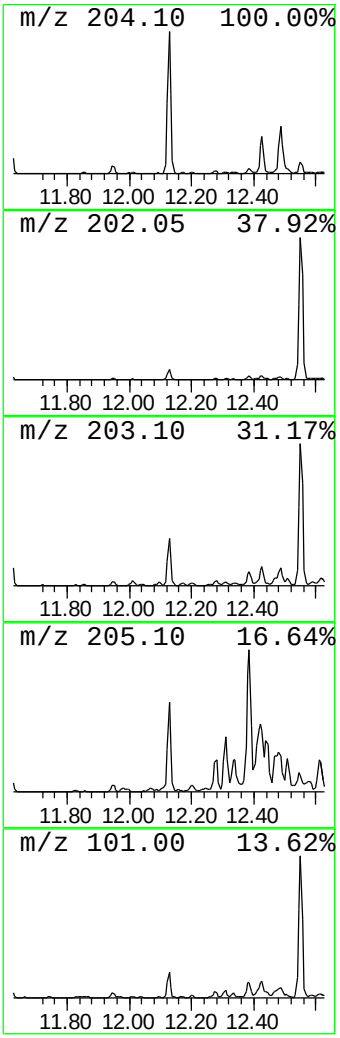
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	7.22 ng	340049	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15-40-RT4651

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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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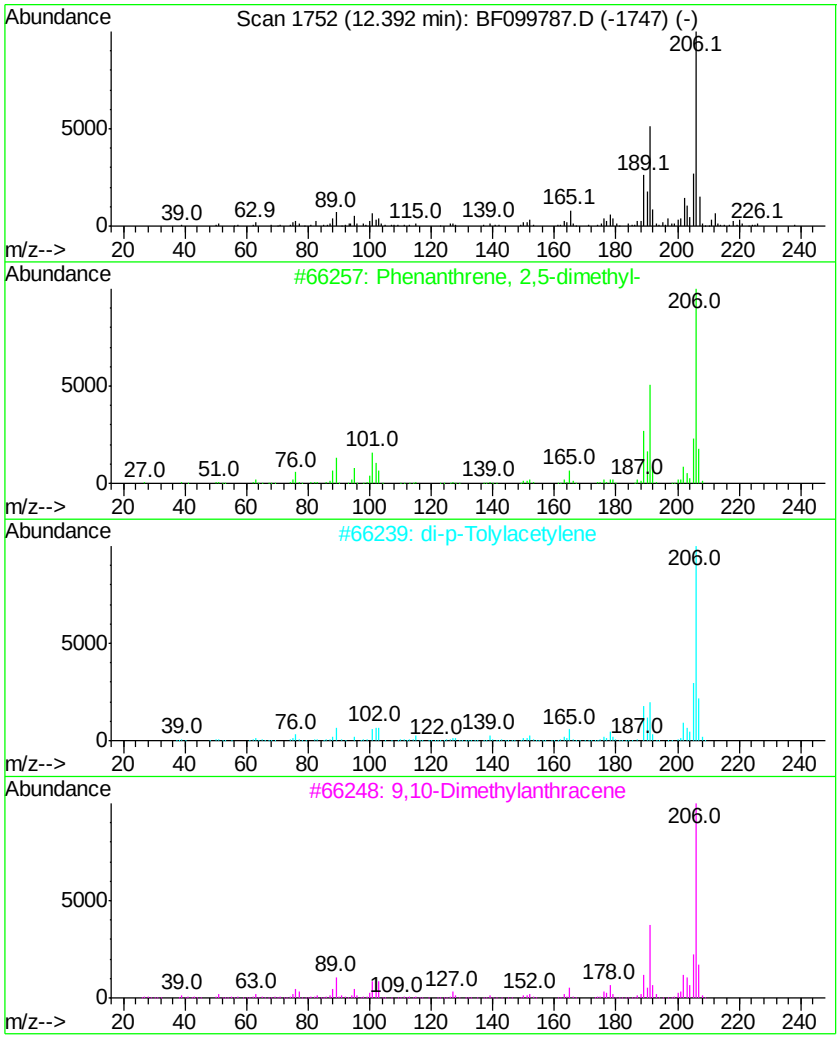
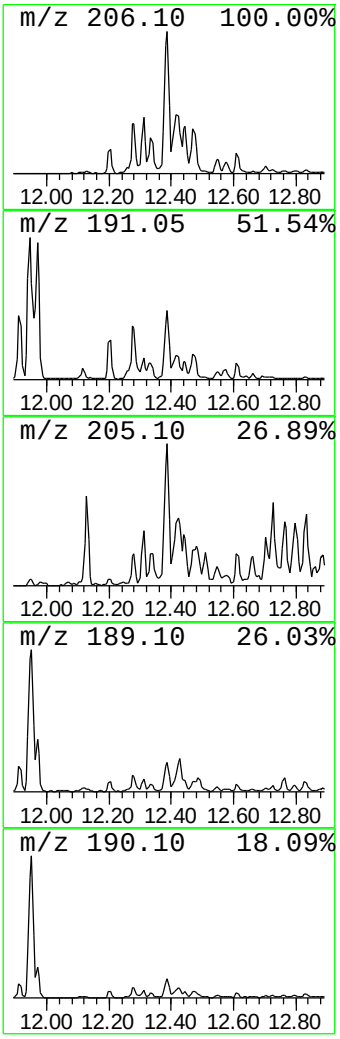
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	10.49 ng	493947	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15-40-RT4651

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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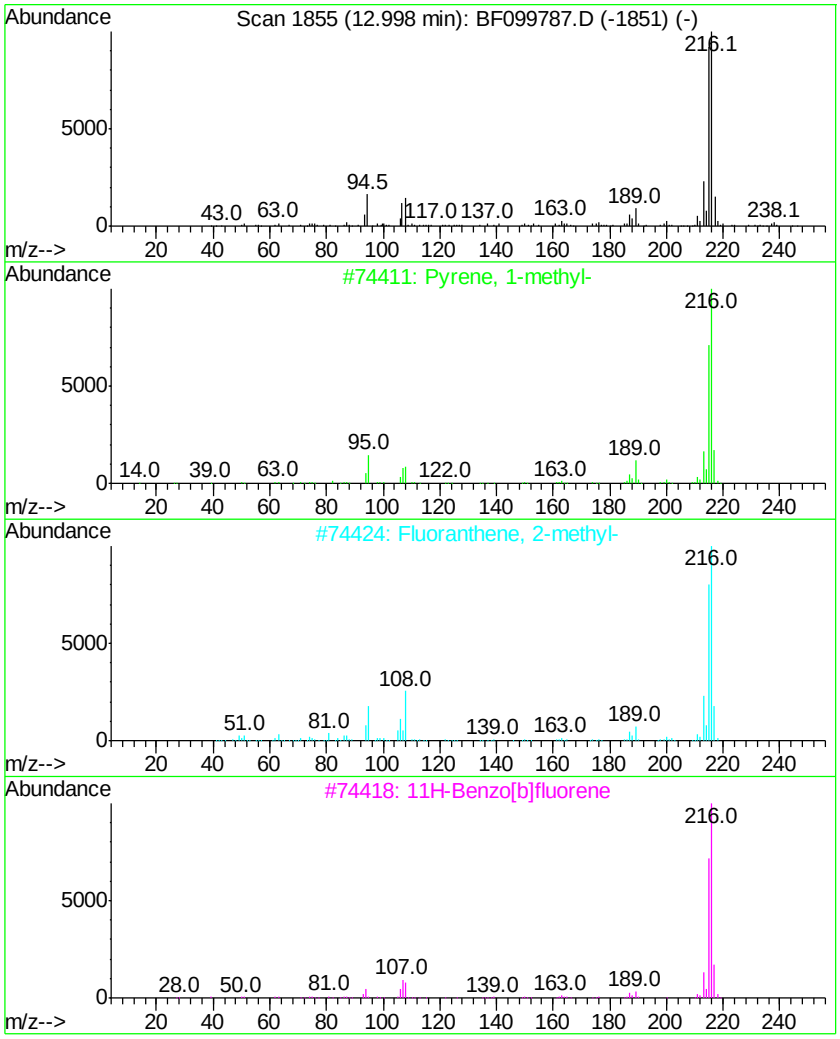
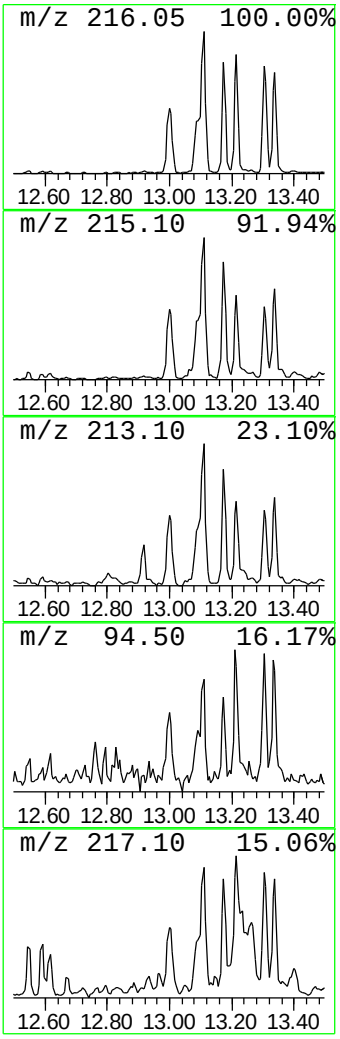
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	5.27 ng	352718	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : 15-40-RT4651

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

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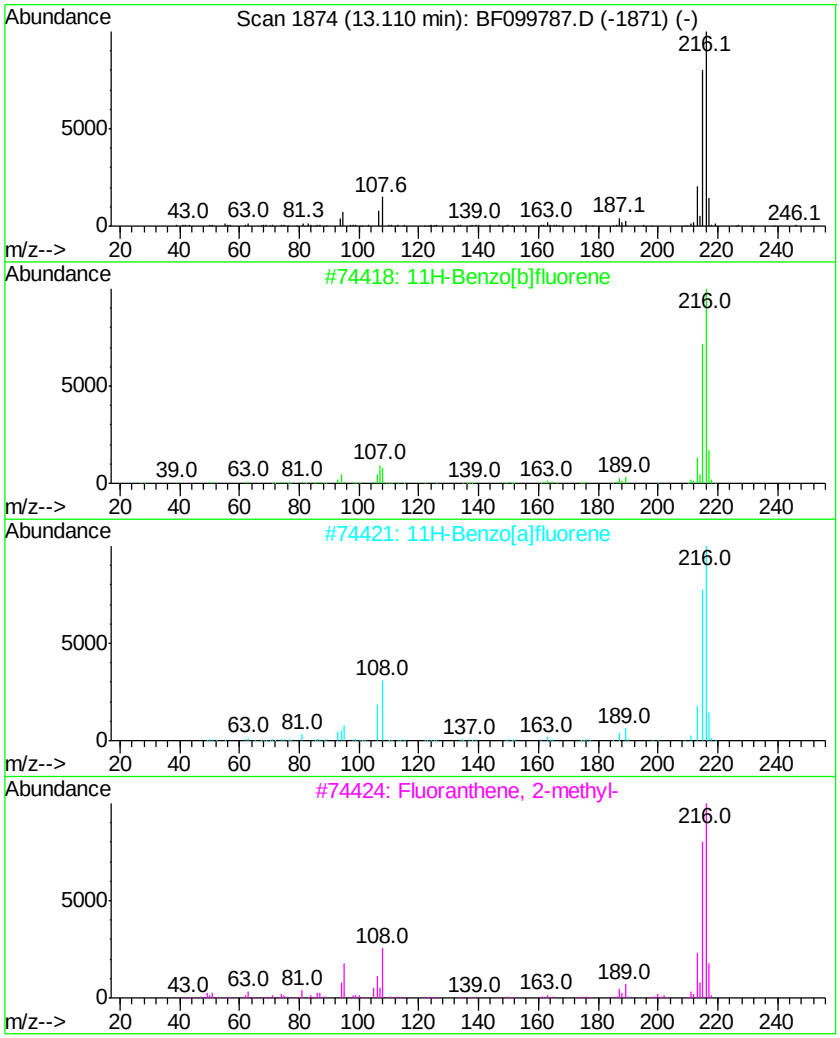
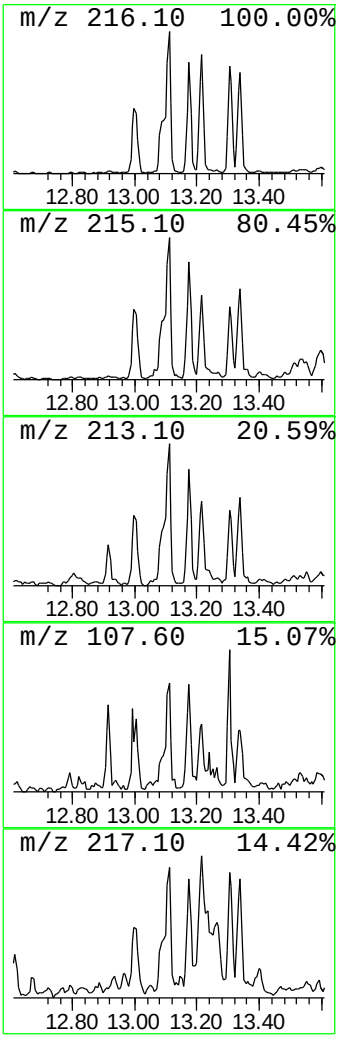
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	5.65 ng	377858	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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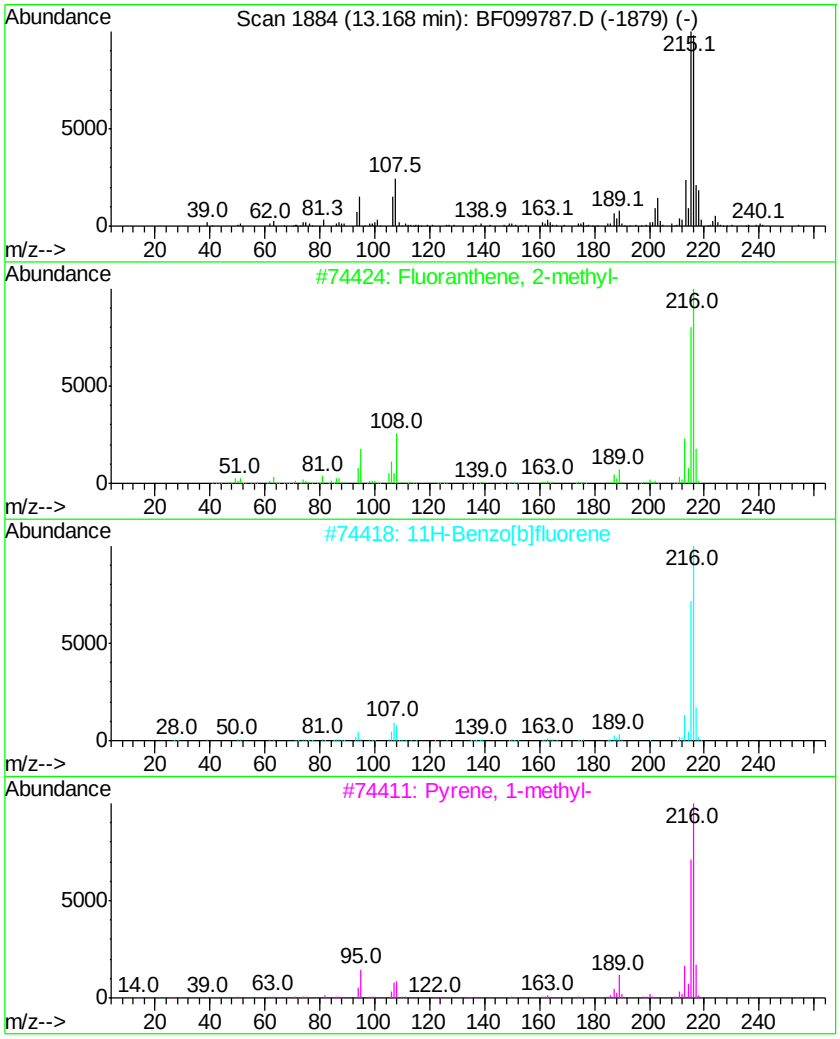
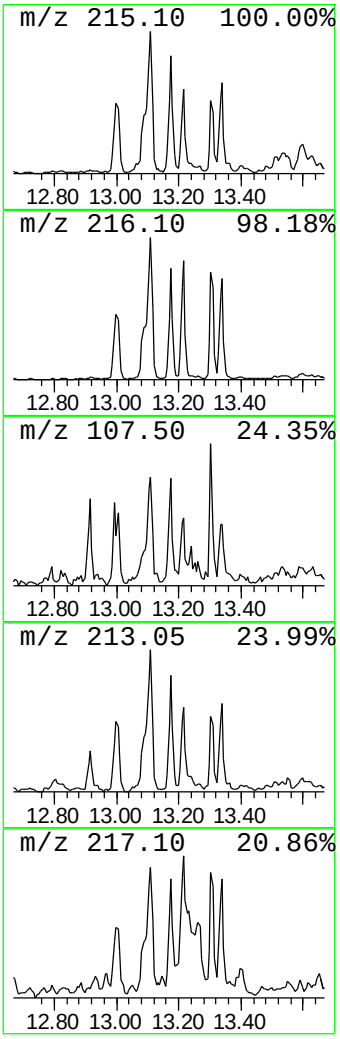
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	5.54 ng	370287	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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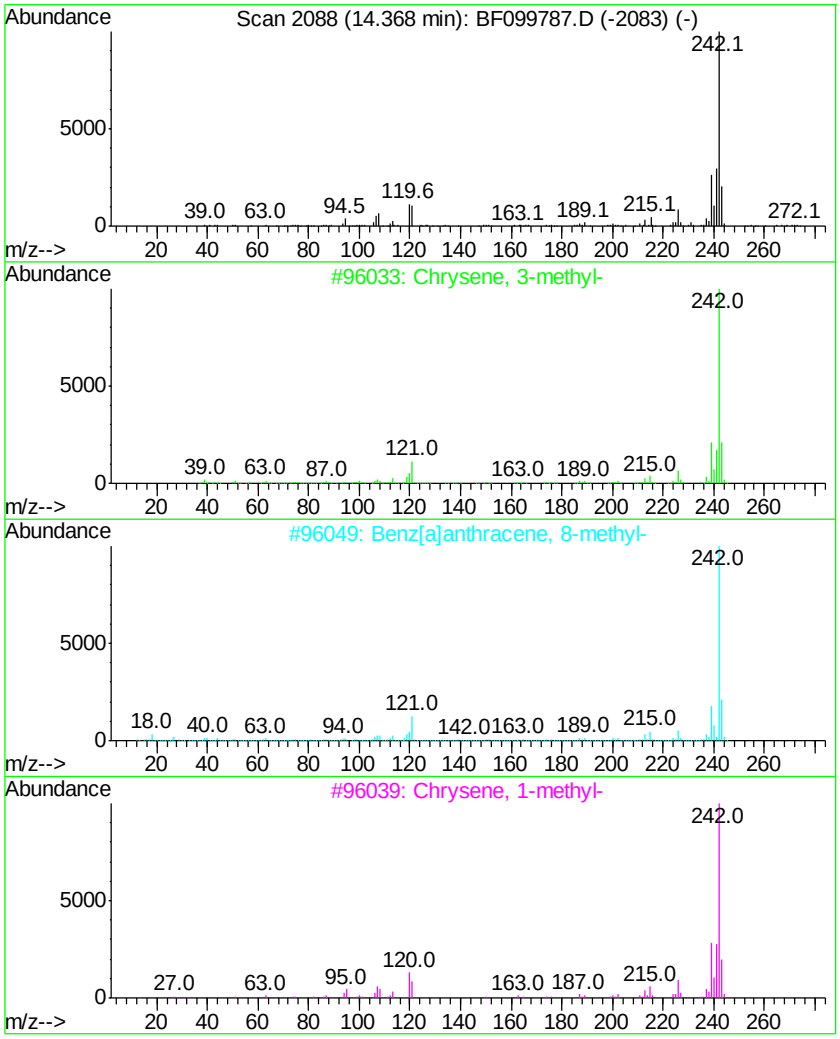
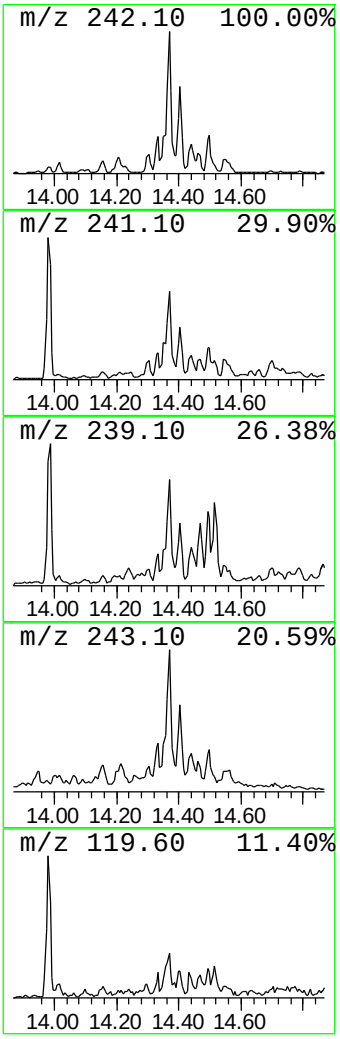
Peak Number 19 Chrysene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	4.66 ng	311818	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 3-methyl-	242	C19H14	003351-31-3	94
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15-40-RT4651

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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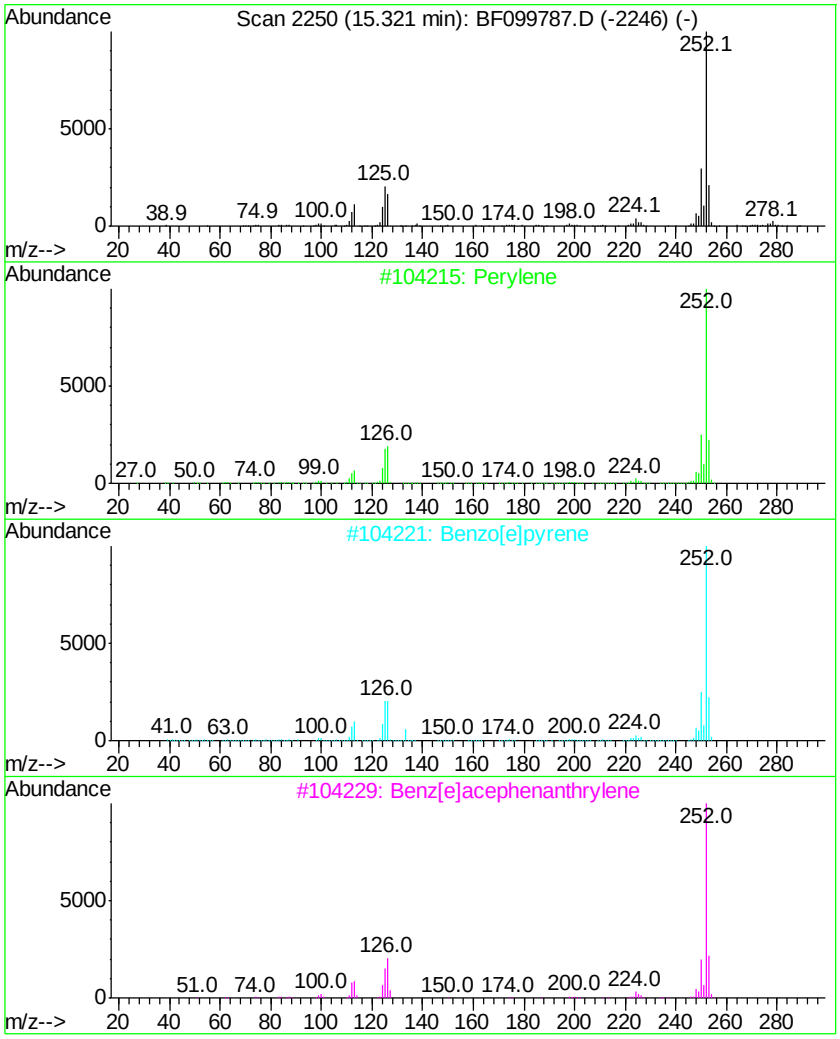
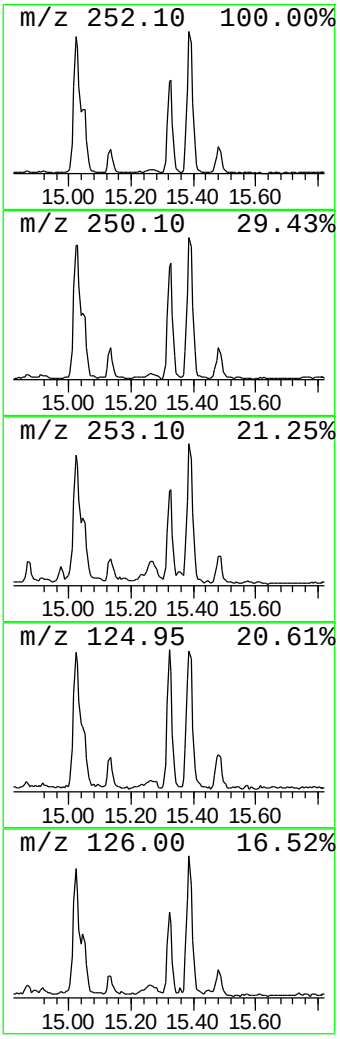
Peak Number 20 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	12.54 ng	351730	Perylene-d12	15.45

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	99
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

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Data File : BF099787.D
Acq On : 24 Oct 2017 14:48
Operator : SJ/JU
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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
2-Pentanone, 4-hy...	5.02	9.4	ng	265474	1	6.80	563723	20.0
unknown6.57	6.57	60.4	ng	1702510	1	6.80	563723	20.0
9H-Fluorene, 2-me...	10.94	5.0	ng	235730	4	11.33	941997	20.0
Naphtho[2,1-b]thi...	11.23	9.3	ng	438690	4	11.33	941997	20.0
4-Methylnaphtho[1...	11.66	7.6	ng	358575	4	11.33	941997	20.0
Dibenzothiophene,...	11.75	5.5	ng	258803	4	11.33	941997	20.0
Phenanthrene, 2-m...	11.83	16.8	ng	789524	4	11.33	941997	20.0
Phenanthrene, 4-m...	11.95	22.9	ng	1076480	4	11.33	941997	20.0
Naphthalene, 2-ph...	12.13	7.2	ng	340049	4	11.33	941997	20.0
Phenanthrene, 2,5...	12.39	10.5	ng	493947	4	11.33	941997	20.0
Pyrene, 1-methyl-	13.00	5.3	ng	352718	5	13.98	1337710	20.0
11H-Benzo[b]fluorene	13.11	5.7	ng	377858	5	13.98	1337710	20.0
Fluoranthene, 2-m...	13.17	5.5	ng	370287	5	13.98	1337710	20.0
Chrysene, 3-methyl-	14.37	4.7	ng	311818	5	13.98	1337710	20.0
Perylene	15.32	12.5	ng	351730	6	15.45	560857	20.0