LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096257.D
Acq On : 28 Jun 2017 18:51
Operator : SJ/MA
Sample : I3852-10 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-27-1.5-3

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-BF062717.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	2.851	121	130	137	rBV4	18504	38197	2.38%	0.178%
2	3.792	284	290	295	rBV3	22304	37103	2.31%	0.173%
3	4.416	391	396	403	rBV5	18849	36499	2.28%	0.170%
4	4.963	486	489	493	rVV	158328	154596	9.64%	0.722%
5	5.386	554	561	565	rBV	1152698	988486	61.62%	4.616%
6	5.627	599	602	608	rVV2	36833	42328	2.64%	0.198%
7	5.951	654	657	660	rVB2	31199	29614	1.85%	0.138%
8	6.045	670	673	680	rVB3	34499	38368	2.39%	0.179%
9	6.239	700	706	710	rBV3	18753	37338	2.33%	0.174%
10	6.327	717	721	723	rBV2	26476	30994	1.93%	0.145%
11	6.404	729	734	739	rBV	1135944	938109	58.48%	4.380%
12	6.545	753	758	762	rBV	1151885	959346	59.81%	4.479%
13	6.610	767	769	771	rBV	41251	36302	2.26%	0.170%
14	6.780	795	798	802	rBV	1106607	944683	58.89%	4.411%
15	6.810	802	803	807	rVB2	37279	26730	1.67%	0.125%
16	6.845	807	809	813	rBV2	32643	31443	1.96%	0.147%
17	6.939	821	825	828	rBV	870505	692414	43.17%	3.233%
18	7.110	850	854	857	rBV3	27091	28255	1.76%	0.132%
19	7.186	864	867	870	rBV2	29081	27010	1.68%	0.126%
20	7.333	885	892	895	rBV	688170	549536	34.26%	2.566%
21	7.392	899	902	905	rVV	57505	45315	2.82%	0.212%
22	7.427	905	908	913	rVB4	25501	31629	1.97%	0.148%
23	7.751	960	963	967	rBV2	42162	41172	2.57%	0.192%
24	8.063	1012	1016	1019	rVV	1596060	1324403	82.56%	6.184%
25	8.086	1019	1020	1025	rVV	143704	82502	5.14%	0.385%
26	8.139	1026	1029	1032	rVB2	40095	33013	2.06%	0.154%
27	8.304	1054	1057	1060	rVB	38181	29229	1.82%	0.136%
28	8.498	1088	1090	1094	rVV	67535	54423	3.39%	0.254%
29	8.668	1116	1119	1121	rBV	66822	50641	3.16%	0.236%
30	8.774	1133	1137	1140	rVB	166253	126227	7.87%	0.589%
31	8.874	1150	1154	1157	rBV	110570	84339	5.26%	0.394%
32	9.033	1175	1181	1184	rBV4	22422	28570	1.78%	0.133%
33	9.098	1189	1192	1195	rVV	47967	40077	2.50%	0.187%
34	9.139	1195	1199	1202	rVB	1048254	892680	55.65%	4.168%

LSC Area Percent Report

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Acq On : 28 Jun 2017 18:51
Operator : SJ/MA
Sample : I3852-10 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-27-1.5-3

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-BF062717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.233	1211	1215	1219	rVB2	105575	92379	5.76%	0.431%
36	9.398	1237	1243	1250	rBV3	43787	70927	4.42%	0.331%
37	9.474	1253	1256	1258	rVV	74963	63754	3.97%	0.298%
38	9.504	1258	1261	1263	rVB	63141	51379	3.20%	0.240%
39	9.527	1263	1265	1268	rBV	112014	97449	6.07%	0.455%
40	9.551	1268	1269	1271	rVB	46372	27910	1.74%	0.130%
41	9.592	1274	1276	1278	rBV	37228	26658	1.66%	0.124%
42	9.674	1287	1290	1293	rVB	202210	153485	9.57%	0.717%
43	9.757	1302	1304	1309	rVB	78779	70114	4.37%	0.327%
44	9.815	1309	1314	1317	rBV	1352762	1184918	73.87%	5.533%
45	9.845	1317	1319	1323	rVB4	39587	39733	2.48%	0.186%
46	10.015	1345	1348	1352	rVB	114732	96173	6.00%	0.449%
47	10.057	1352	1355	1357	rBV	28875	27118	1.69%	0.127%
48	10.092	1357	1361	1364	rVV3	34752	44198	2.76%	0.206%
49	10.133	1365	1368	1370	rVV2	31688	28440	1.77%	0.133%
50	10.162	1370	1373	1376	rVB	31987	28688	1.79%	0.134%
51	10.227	1379	1384	1387	rBV5	39280	62559	3.90%	0.292%
52	10.257	1387	1389	1392	rVB	92766	71976	4.49%	0.336%
53	10.357	1403	1406	1408	rBV2	58144	46543	2.90%	0.217%
54	10.480	1423	1427	1431	rBV3	43121	57066	3.56%	0.266%
55	10.515	1431	1433	1439	rVV2	40017	48347	3.01%	0.226%
56	10.592	1443	1446	1451	rVV2	522695	514880	32.10%	2.404%
57	10.639	1451	1454	1458	rVB4	24673	29407	1.83%	0.137%
58	10.727	1465	1469	1471	rBV3	119467	137960	8.60%	0.644%
59	10.745	1471	1472	1476	rVB	116967	74367	4.64%	0.347%
60	10.804	1479	1482	1485	rBV5	20038	30277	1.89%	0.141%
61	11.098	1529	1532	1537	rVB	61396	67986	4.24%	0.317%
62	11.145	1537	1540	1543	rBV2	36983	51189	3.19%	0.239%
63	11.174	1543	1545	1549	rVV2	89692	98624	6.15%	0.461%
64	11.209	1549	1551	1554	rVB	33950	27631	1.72%	0.129%
65	11.262	1558	1560	1562	rBV	44938	33905	2.11%	0.158%
66	11.292	1562	1565	1568	rVV2	1137229	1052238	65.60%	4.913%
67	11.315	1568	1569	1572	rVB	345973	211383	13.18%	0.987%
68	11.368	1572	1578	1581	rBV	206039	188329	11.74%	0.879%
69	11.403	1581	1584	1587	rBV5	27624	30243	1.89%	0.141%
70	11.521	1601	1604	1607	rVB	43427	45032	2.81%	0.210%
71	11.603	1615	1618	1620	rBV2	75622	64581	4.03%	0.302%

LSC Area Percent Report

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Acq On : 28 Jun 2017 18:51
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Sample : I3852-10 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-27-1.5-3

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.792	1647	1650	1653	rBV	72361	81888	5.10%	0.382%
73	11.827	1653	1656	1660	rVV2	267066	264872	16.51%	1.237%
74	11.868	1660	1663	1666	rVB2	55119	53088	3.31%	0.248%
75	11.903	1666	1669	1672	rBV2	121149	140314	8.75%	0.655%
76	11.927	1672	1673	1676	rVB	63032	37466	2.34%	0.175%
77	12.009	1684	1687	1692	rVB	76496	78822	4.91%	0.368%
78	12.092	1698	1701	1702	rBV	59492	50131	3.13%	0.234%
79	12.109	1702	1704	1708	rVB3	59733	51790	3.23%	0.242%
80	12.292	1733	1735	1737	rVB2	44301	36095	2.25%	0.169%
81	12.345	1741	1744	1747	rVV2	108571	112858	7.04%	0.527%
82	12.380	1747	1750	1751	rVV	41427	43920	2.74%	0.205%
83	12.398	1751	1753	1755	rVV	101849	83989	5.24%	0.392%
84	12.421	1755	1757	1762	rVB2	77729	90860	5.66%	0.424%
85	12.503	1767	1771	1774	rVV	807433	659994	41.14%	3.082%
86	12.598	1785	1787	1788	rBV	52248	42797	2.67%	0.200%
87	12.727	1804	1809	1813	rBV2	678798	743225	46.33%	3.470%
88	12.850	1827	1830	1831	rBV	66336	55399	3.45%	0.259%
89	12.874	1831	1834	1839	rVB	809457	725873	45.25%	3.389%
90	13.039	1859	1862	1864	rBV3	60699	86816	5.41%	0.405%
91	13.127	1874	1877	1879	rBV	97701	93243	5.81%	0.435%
92	13.162	1880	1883	1885	rBV2	107757	114081	7.11%	0.533%
93	13.562	1948	1951	1957	rBV	105541	130672	8.15%	0.610%
94	13.727	1977	1979	1980	rBV	91216	66860	4.17%	0.312%
95	13.927	2008	2013	2015	rBV2	1254509	1604103	100.00%	7.490%
96	13.950	2015	2017	2019	rVB	383669	302864	18.88%	1.414%
97	14.950	2183	2187	2189	rBV	470680	694834	43.32%	3.244%
98	15.239	2233	2236	2241	rVB	324887	402755	25.11%	1.881%
99	15.297	2243	2246	2251	rVB	241956	266646	16.62%	1.245%
100	15.356	2252	2256	2259	rBV	630293	720941	44.94%	3.366%

Sum of corrected areas: 21416613

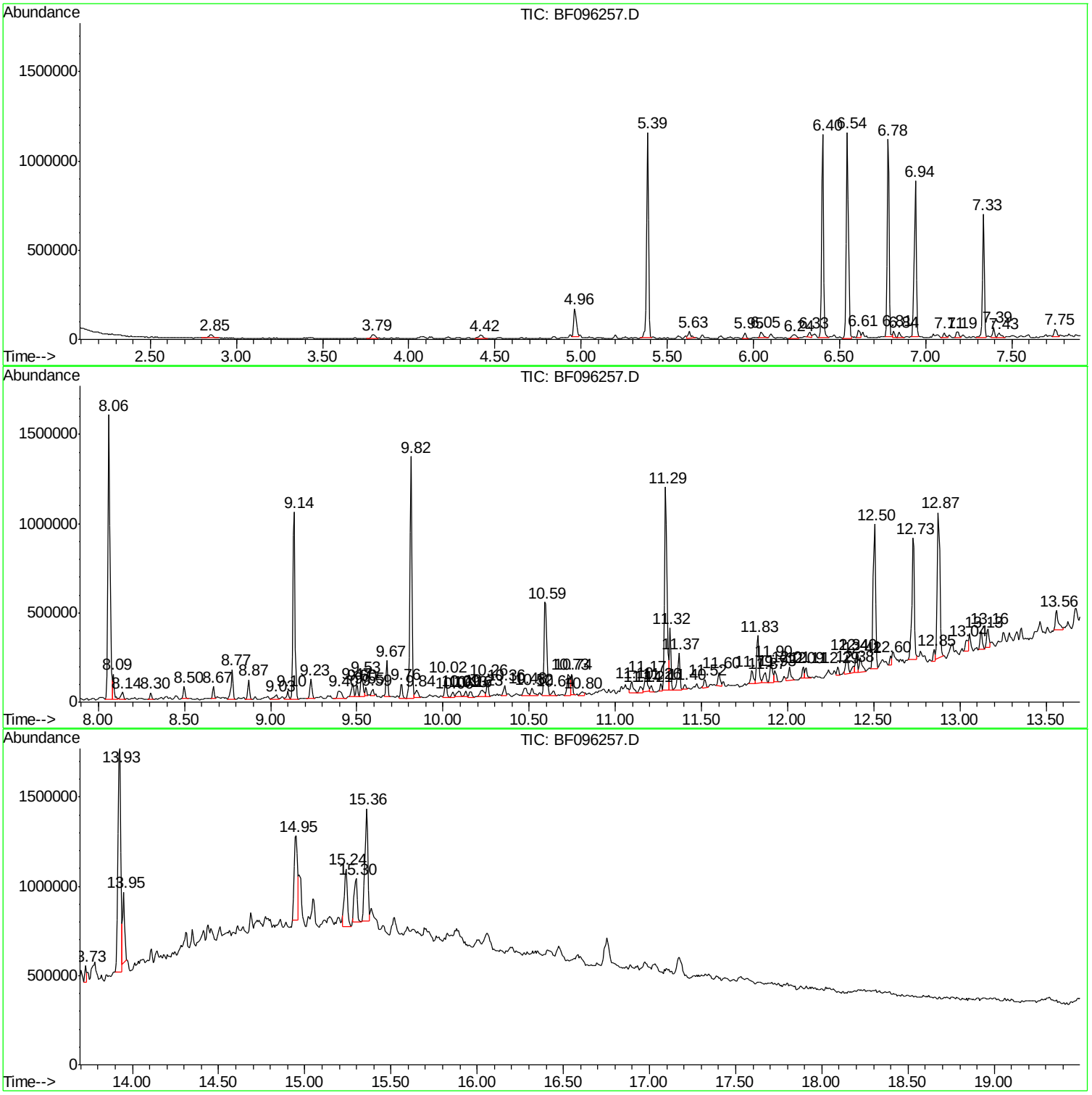
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096257.D
Acq On : 28 Jun 2017 18:51
Operator : SJ/MA
Sample : I3852-10 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-27-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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\BF062817\
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Operator : SJ/MA
Sample : I3852-10 5X
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Instrument : BNA_F
ClientSampleId : G-27-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

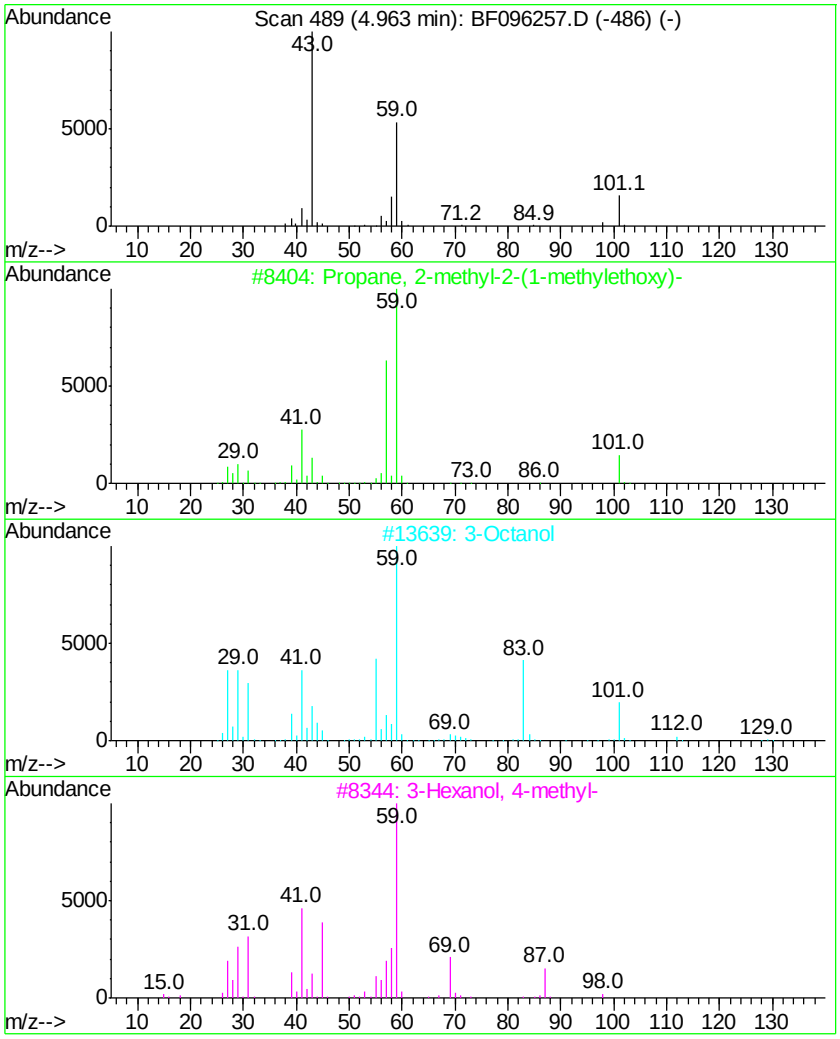
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

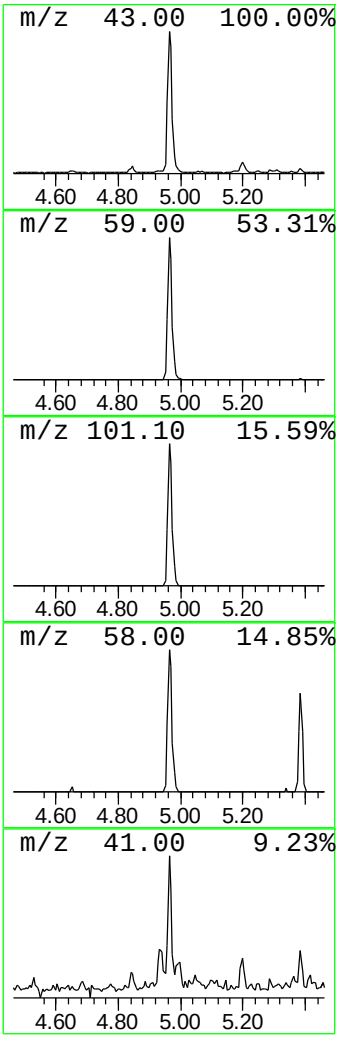
****

Peak Number 1 unknown4.96 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	3.27 ng	154596	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
2	3-Octanol	130	C8H18O	000589-98-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	1,2-Butanediol	90	C4H10O2	000584-03-2	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096257.D
Acq On : 28 Jun 2017 18:51
Operator : SJ/MA
Sample : I3852-10 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-27-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

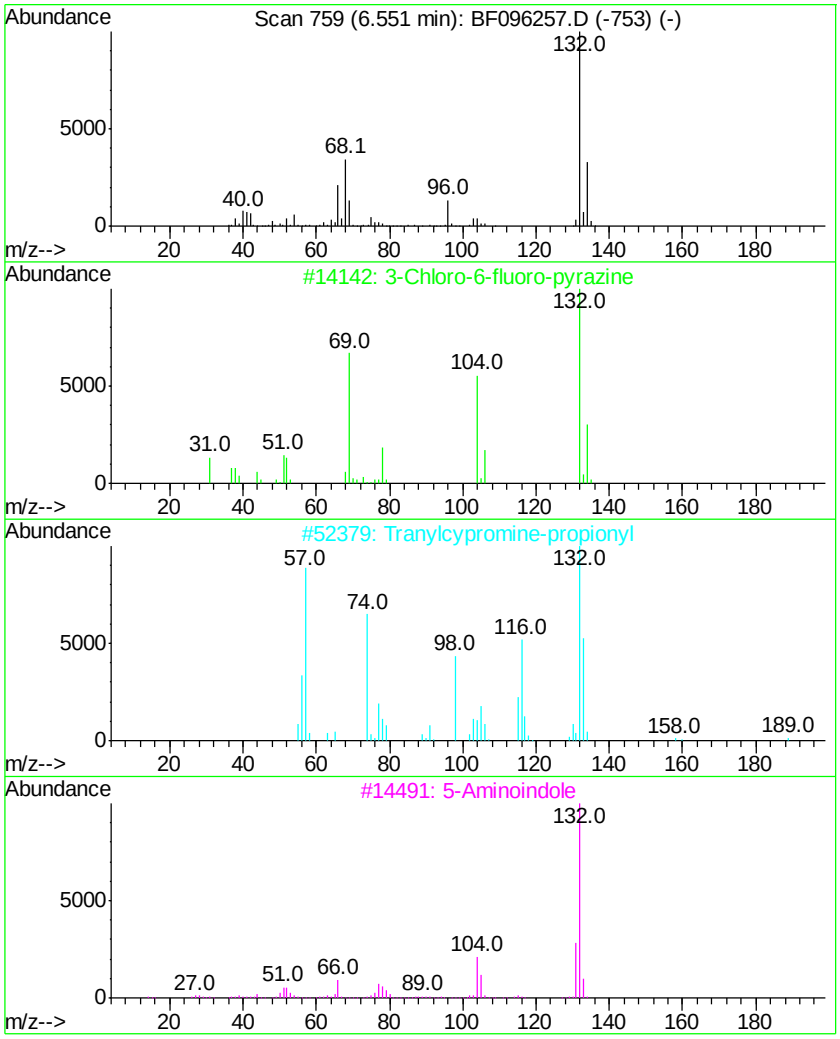
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

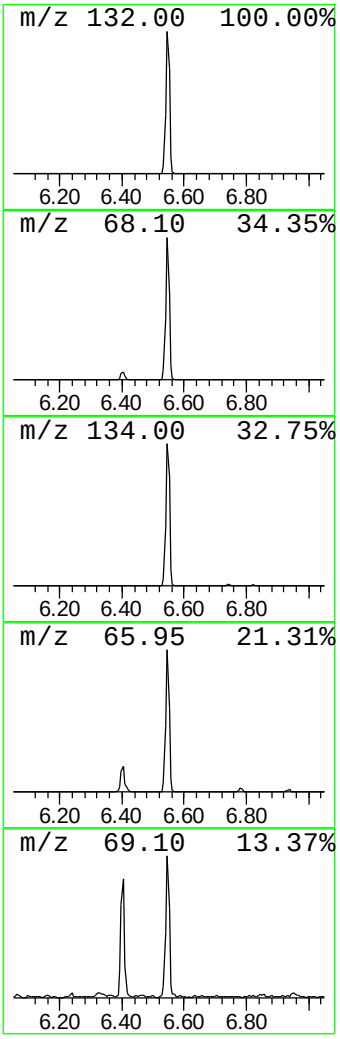
****

Peak Number 2 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	20.31 ng	959346	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
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Sample : I3852-10 5X
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Instrument : BNA_F
ClientSampleId : G-27-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

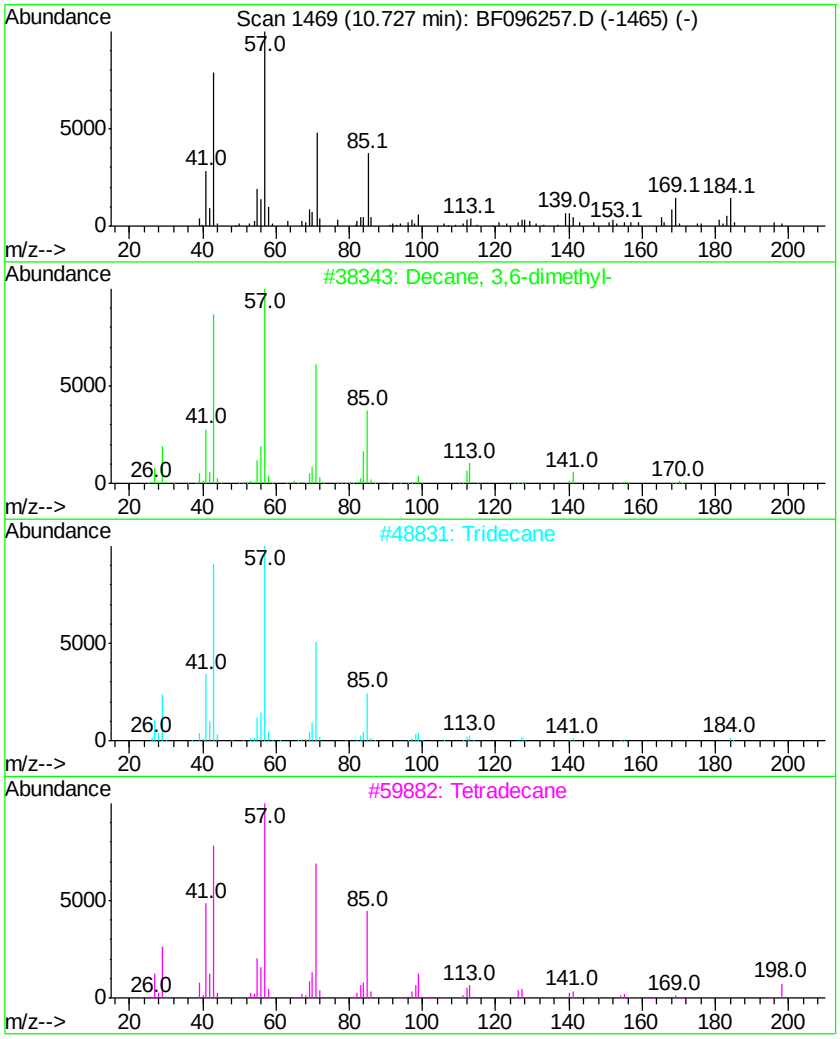
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

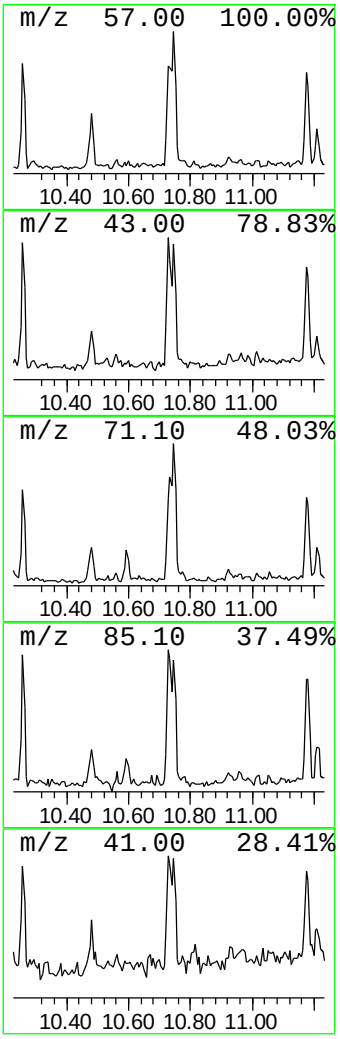
****

Peak Number 4 Decane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.62 ng	137960	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	70
2	Tridecane	184	C13H28	000629-50-5	68
3	Tetradecane	198	C14H30	000629-59-4	60
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	58
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
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Acq On : 28 Jun 2017 18:51
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Sample : I3852-10 5X
Misc :
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Instrument : BNA_F
ClientSampleId : G-27-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
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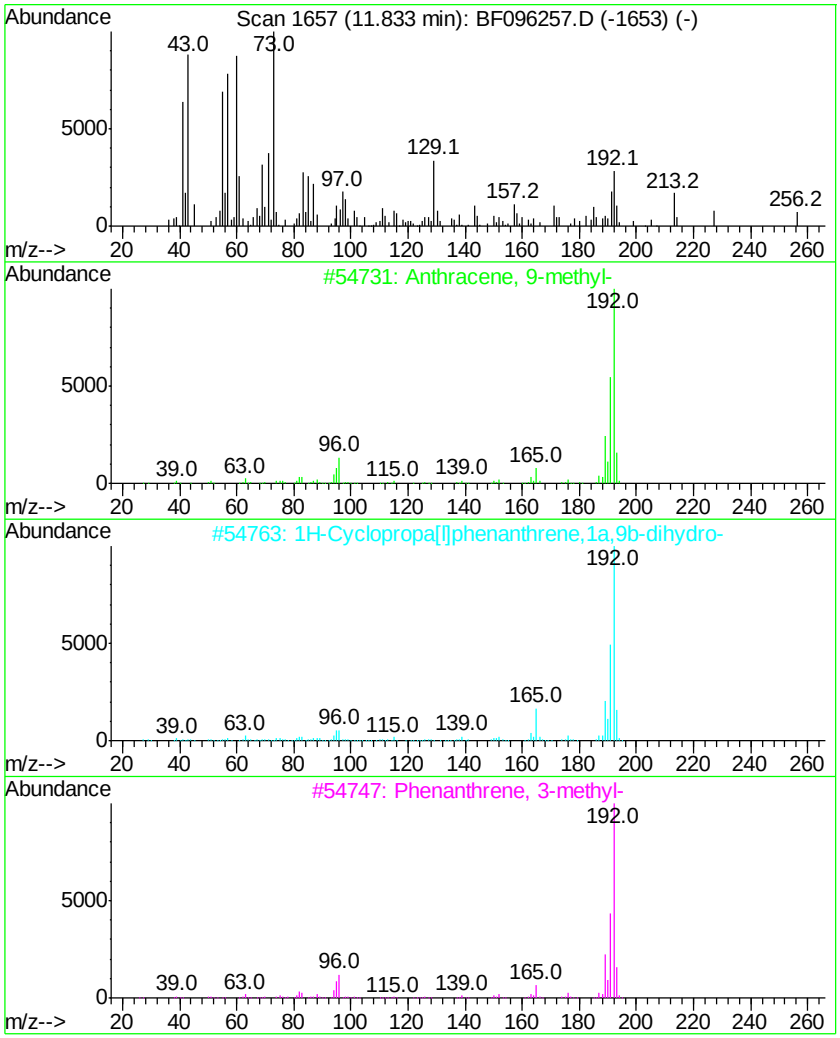
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

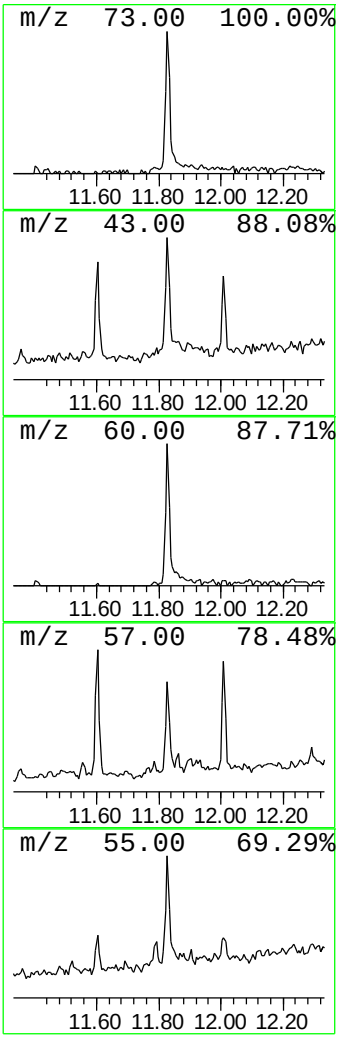
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	5.03 ng	264872	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	70
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55





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Data File : BF096257.D
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Sample : I3852-10 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-27-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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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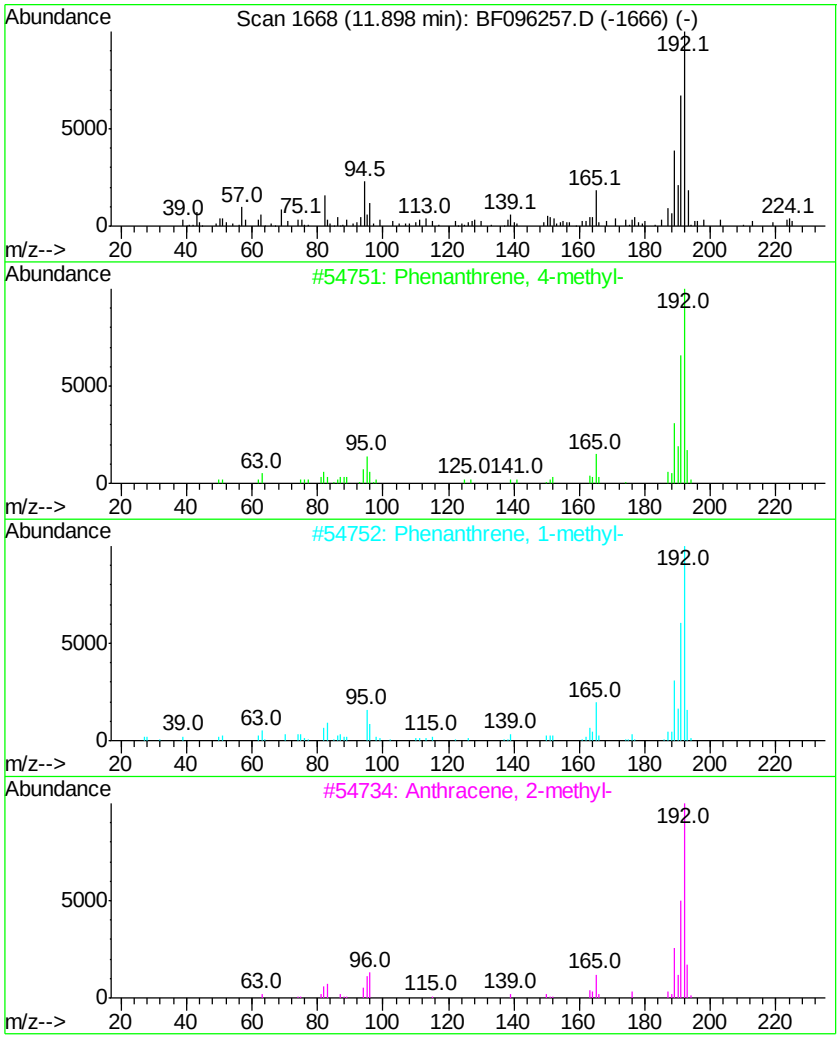
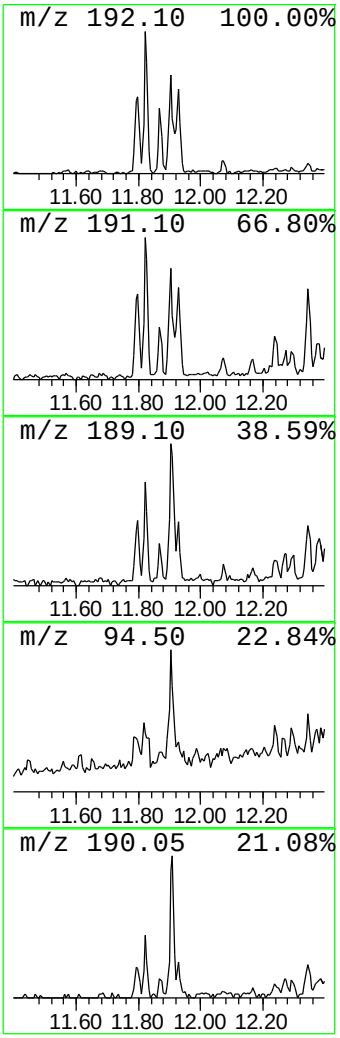
Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.67 ng	140314	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096257.D
Acq On : 28 Jun 2017 18:51
Operator : SJ/MA
Sample : I3852-10 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-27-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

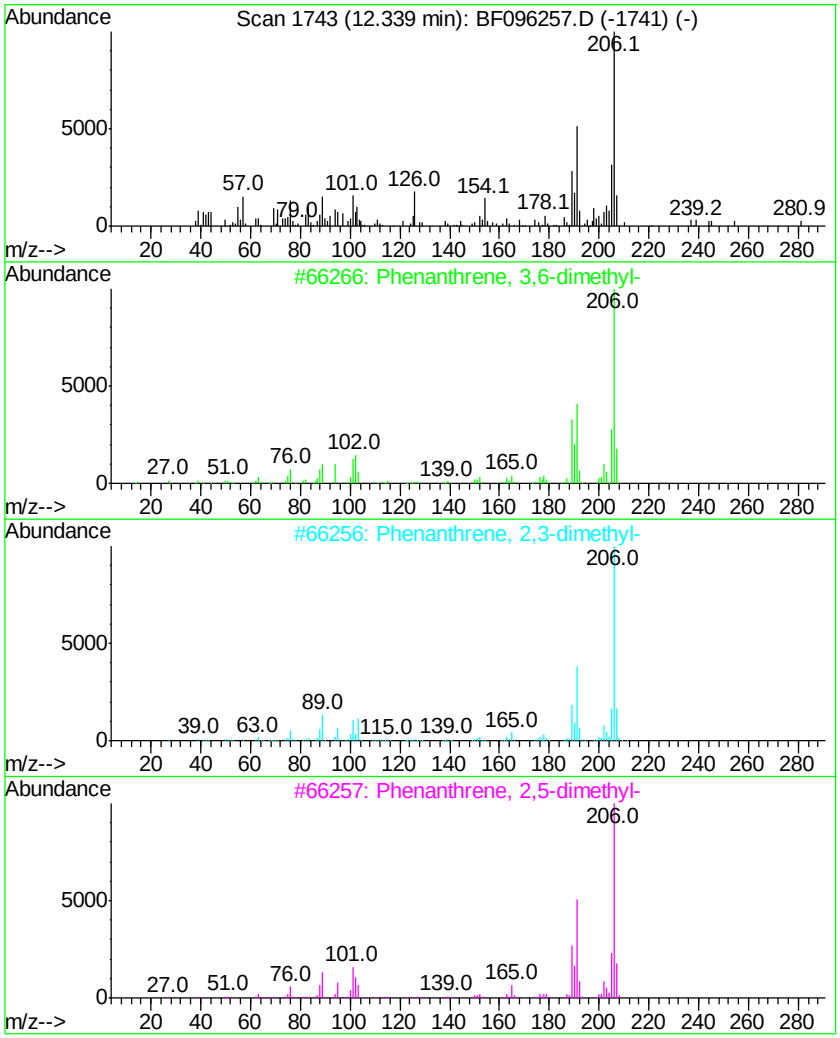
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

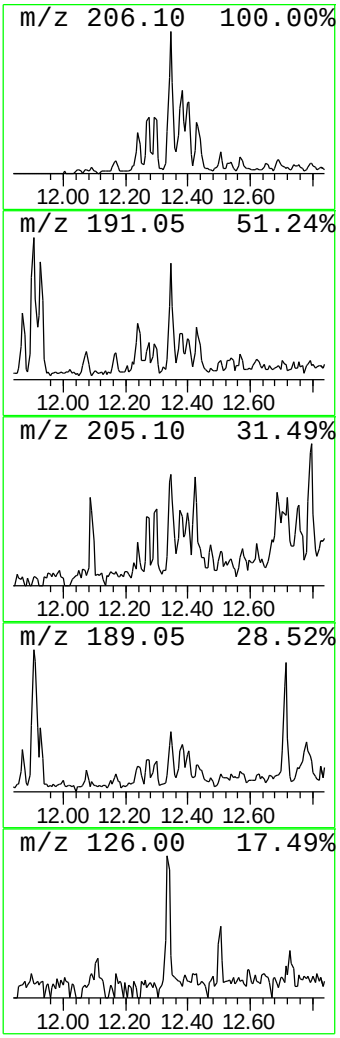
****

Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	2.15 ng	112858	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096257.D
Acq On : 28 Jun 2017 18:51
Operator : SJ/MA
Sample : I3852-10 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-27-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

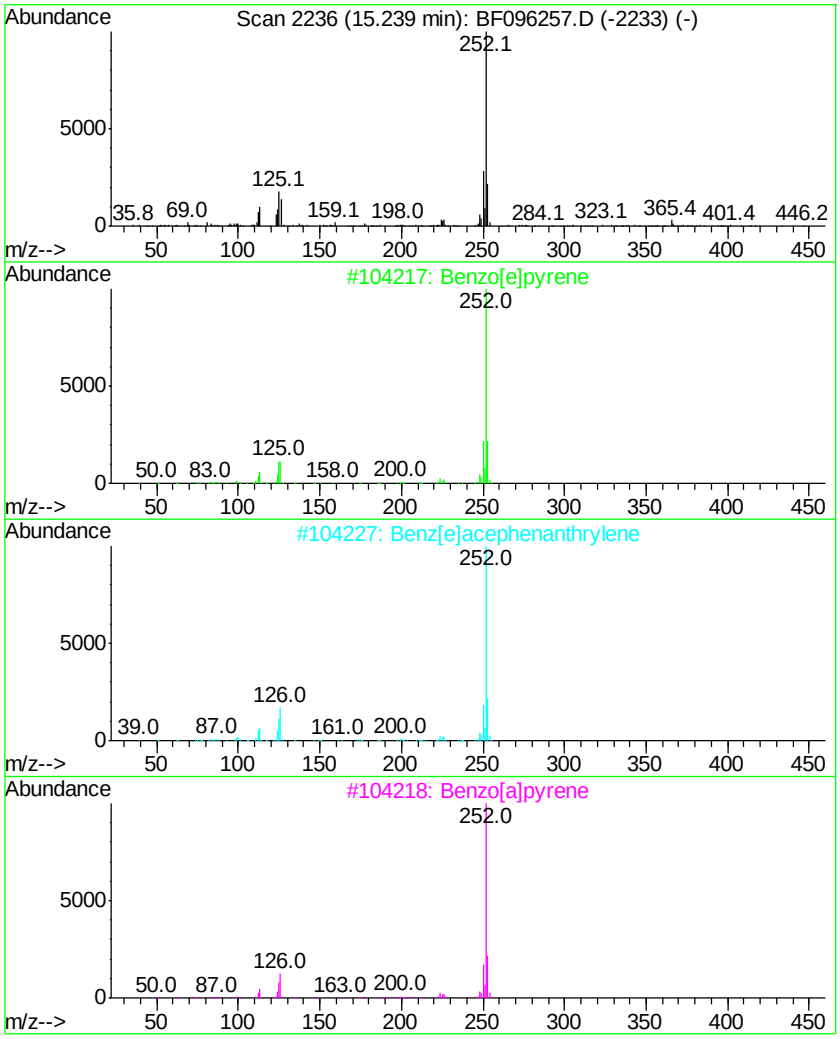
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

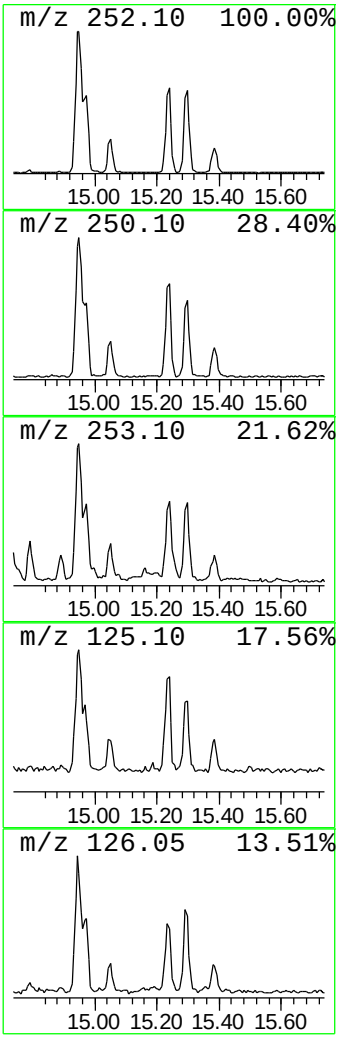
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	11.17 ng	402755	Perylene-d12	15.36

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	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062817\
Data File : BF096257.D
Acq On : 28 Jun 2017 18:51
Operator : SJ/MA
Sample : I3852-10 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-27-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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
unknown4.96	4.96	3.3	ng	154596	1	6.78	944683	20.0
unknown6.55	6.55	20.3	ng	959346	1	6.78	944683	20.0
Decane, 3,6-dimet...	10.73	2.6	ng	137960	4	11.29	1052240	20.0
Anthracene, 9-met...	11.83	5.0	ng	264872	4	11.29	1052240	20.0
Phenanthrene, 4-m...	11.90	2.7	ng	140314	4	11.29	1052240	20.0
Phenanthrene, 3,6...	12.34	2.1	ng	112858	4	11.29	1052240	20.0
Benzo[e]pyrene	15.24	11.2	ng	402755	6	15.36	720941	20.0