LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

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-BF043015.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	1.358	12	15	17	rVB	3316928	4040740	100.00%	10.528%
2	1.484	24	26	39	rVB2	89297	247855	6.13%	0.646%
3	1.656	39	41	43	rVV	110089	147347	3.65%	0.384%
4	1.690	43	44	49	rVV	211014	349305	8.64%	0.910%
5	1.816	53	55	93	rVB	1683261	3292398	81.48%	8.578%
6	4.993	331	333	344	rVB	124672	187329	4.64%	0.488%
7	5.507	376	378	381	rBV	790469	803191	19.88%	2.093%
8	6.776	487	489	492	rBV	626591	858794	21.25%	2.238%
9	6.925	500	502	505	rBV	948411	902488	22.33%	2.351%
10	7.210	525	527	530	rBV	227787	304572	7.54%	0.794%
11	7.405	541	544	546	rBV	654142	663815	16.43%	1.730%
12	7.908	585	588	590	rBV	636450	546341	13.52%	1.424%
13	8.788	663	665	670	rVB2	370510	533704	13.21%	1.391%
14	9.679	740	743	745	rVB	169596	145173	3.59%	0.378%
15	9.793	751	753	756	rVB	76908	106234	2.63%	0.277%
16	10.136	781	783	786	rBV	1064249	981614	24.29%	2.558%
17	10.376	802	804	809	rVB	50733	51108	1.26%	0.133%
18	10.456	809	811	814	rBV	49983	76056	1.88%	0.198%
19	10.548	816	819	821	rVV	88131	97897	2.42%	0.255%
20	10.582	821	822	825	rVB	60700	49312	1.22%	0.128%
21	10.651	825	828	830	rBV	26983	42891	1.06%	0.112%
22	10.696	830	832	836	rVB	42524	52613	1.30%	0.137%
23	10.788	837	840	843	rBV	41621	61247	1.52%	0.160%
24	10.971	854	856	858	rBV	488572	518960	12.84%	1.352%
25	11.005	858	859	863	rVB	192413	165429	4.09%	0.431%
26	11.222	875	878	881	rBV	95742	103406	2.56%	0.269%
27	11.485	898	901	904	rBV	23225	44648	1.10%	0.116%
28	11.645	913	915	917	rBV	183655	191260	4.73%	0.498%
29	11.851	931	933	937	rVB2	52476	58525	1.45%	0.152%
30	11.942	939	941	944	rVB2	570691	777691	19.25%	2.026%
31	12.331	972	975	977	rBV2	52303	83593	2.07%	0.218%
32	12.525	986	992	993	rBV3	30021	72039	1.78%	0.188%
33	12.571	995	996	1000	rVB3	41431	50147	1.24%	0.131%
34	12.640	1000	1002	1004	rBV	36710	56256	1.39%	0.147%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.685	1004	1006	1010	rVV	68258	97482	2.41%	0.254%
36	12.811	1014	1017	1018	rBV	542856	529933	13.11%	1.381%
37	12.845	1018	1020	1022	rVV	1275766	1421484	35.18%	3.704%
38	12.902	1022	1025	1027	rVB	403946	388839	9.62%	1.013%
39	12.960	1027	1030	1032	rBV2	36029	53591	1.33%	0.140%
40	13.108	1041	1043	1045	rVB	82495	71406	1.77%	0.186%
41	13.222	1052	1053	1056	rVB3	39318	50730	1.26%	0.132%
42	13.440	1069	1072	1074	rBV	247889	276873	6.85%	0.721%
43	13.474	1074	1075	1078	rVB	308665	256601	6.35%	0.669%
44	13.531	1078	1080	1082	rBV	121859	129078	3.19%	0.336%
45	13.577	1082	1084	1085	rVV	339045	423029	10.47%	1.102%
46	13.600	1085	1086	1089	rVB	140821	163112	4.04%	0.425%
47	13.691	1090	1094	1096	rBV4	21666	51703	1.28%	0.135%
48	13.817	1103	1105	1109	rVB2	147875	256967	6.36%	0.670%
49	14.000	1119	1121	1123	rBV2	59890	76275	1.89%	0.199%
50	14.034	1123	1124	1126	rVV	44197	41904	1.04%	0.109%
51	14.125	1128	1132	1134	rBV	142621	204121	5.05%	0.532%
52	14.171	1134	1136	1139	rVV2	91128	147957	3.66%	0.386%
53	14.228	1139	1141	1144	rVB2	79248	133403	3.30%	0.348%
54	14.320	1146	1149	1151	rBV	1774107	1707991	42.27%	4.450%
55	14.400	1153	1156	1158	rBV2	181314	264358	6.54%	0.689%
56	14.434	1158	1159	1162	rVB	62390	67340	1.67%	0.175%
57	14.503	1162	1165	1166	rBV2	88575	122544	3.03%	0.319%
58	14.605	1171	1174	1176	rBV	1477091	1987337	49.18%	5.178%
59	14.754	1185	1187	1189	rBV	78783	101134	2.50%	0.264%
60	14.811	1189	1192	1194	rVV	1047678	1155420	28.59%	3.010%
61	14.880	1194	1198	1200	rVV2	87803	147727	3.66%	0.385%
62	14.971	1203	1206	1209	rBV2	225131	392792	9.72%	1.023%
63	15.017	1209	1210	1213	rVB	243289	242804	6.01%	0.633%
64	15.108	1216	1218	1219	rVV	172159	187950	4.65%	0.490%
65	15.143	1219	1221	1223	rVV	156299	212884	5.27%	0.555%
66	15.177	1223	1224	1227	rVB	26943	44883	1.11%	0.117%
67	15.257	1230	1231	1233	rVB	88744	104854	2.59%	0.273%
68	15.303	1233	1235	1237	rBV	94590	103572	2.56%	0.270%
69	15.406	1242	1244	1247	rBV3	23852	62653	1.55%	0.163%
70	15.543	1251	1256	1257	rBV4	42654	124200	3.07%	0.324%
71	15.668	1262	1267	1270	rVV2	63805	163313	4.04%	0.426%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.806	1276	1279	1281	rBV2	130038	188277	4.66%	0.491%
73	15.851	1281	1283	1286	rVV2	122039	256341	6.34%	0.668%
74	15.943	1289	1291	1293	rVB	65040	100948	2.50%	0.263%
75	16.023	1295	1298	1302	rVV3	90305	200062	4.95%	0.521%
76	16.137	1303	1308	1310	rVV2	861291	1764077	43.66%	4.596%
77	16.171	1310	1311	1314	rVV	564749	751142	18.59%	1.957%
78	16.274	1317	1320	1322	rBV2	142304	197097	4.88%	0.514%
79	16.411	1329	1332	1334	rBV2	48326	74823	1.85%	0.195%
80	16.457	1334	1336	1338	rBV	71977	91807	2.27%	0.239%
81	16.628	1349	1351	1352	rBV	38720	57484	1.42%	0.150%
82	16.674	1352	1355	1357	rVV	151852	205313	5.08%	0.535%
83	16.720	1357	1359	1361	rVB	76817	81455	2.02%	0.212%
84	16.800	1364	1366	1368	rVB2	70577	76442	1.89%	0.199%
85	16.834	1368	1369	1371	rBV2	49409	85808	2.12%	0.224%
86	17.097	1390	1392	1394	rBV2	49140	78969	1.95%	0.206%
87	17.531	1427	1430	1436	rBV	572036	1505668	37.26%	3.923%
88	17.657	1439	1441	1444	rVB	121260	189079	4.68%	0.493%
89	17.760	1447	1450	1452	rBV3	60850	149415	3.70%	0.389%
90	17.886	1458	1461	1464	rBV	385953	529313	13.10%	1.379%
91	17.954	1464	1467	1470	rBV	632512	792345	19.61%	2.064%
92	18.023	1470	1473	1475	rBV	511098	700628	17.34%	1.826%
93	18.743	1534	1536	1541	rVB2	114333	225171	5.57%	0.587%
94	19.177	1572	1574	1582	rVB4	117054	291187	7.21%	0.759%
95	19.486	1598	1601	1606	rVB2	280770	598470	14.81%	1.559%
96	19.909	1634	1638	1647	rVB	258695	556423	13.77%	1.450%

Sum of corrected areas: 38379966

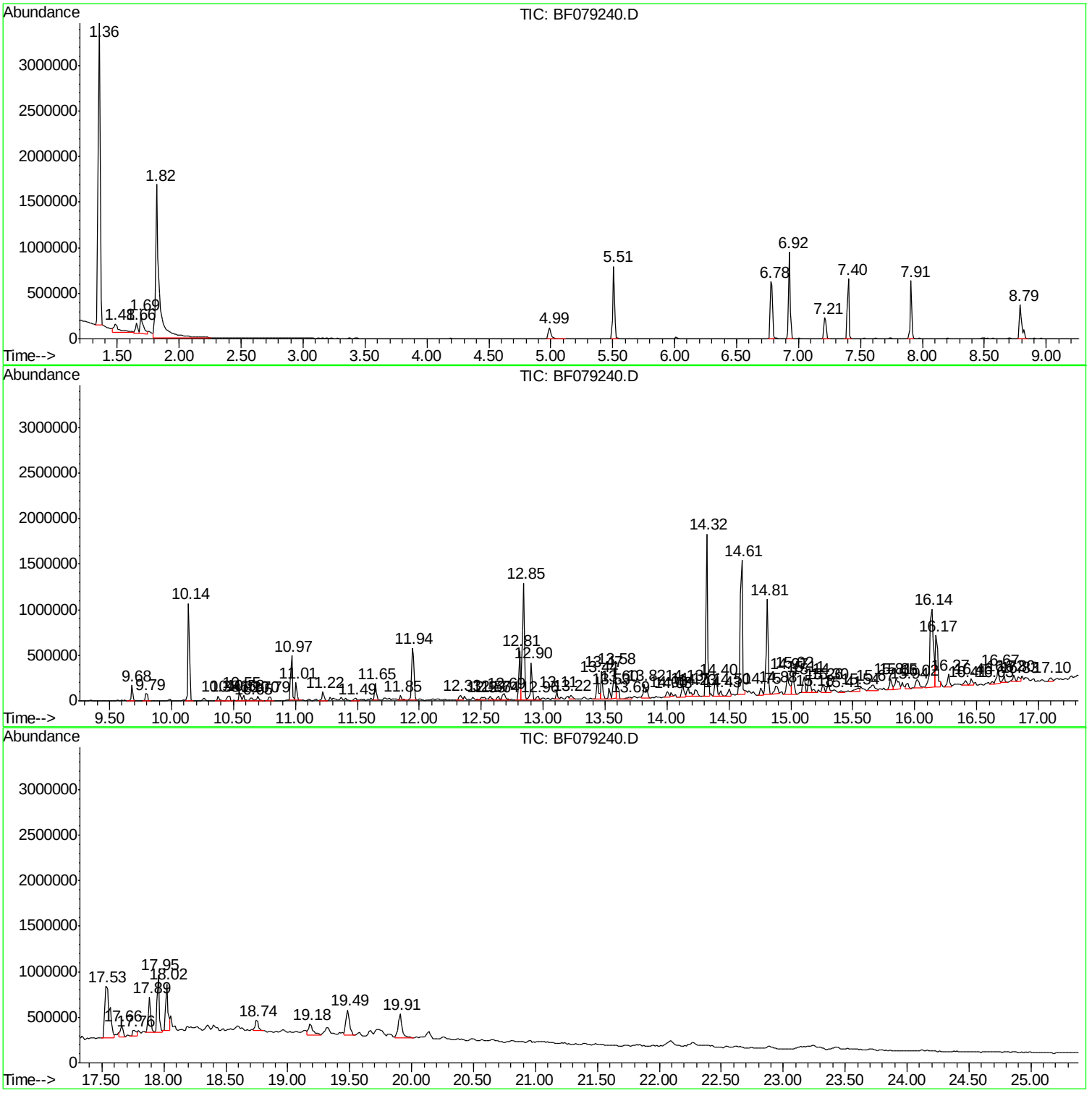
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

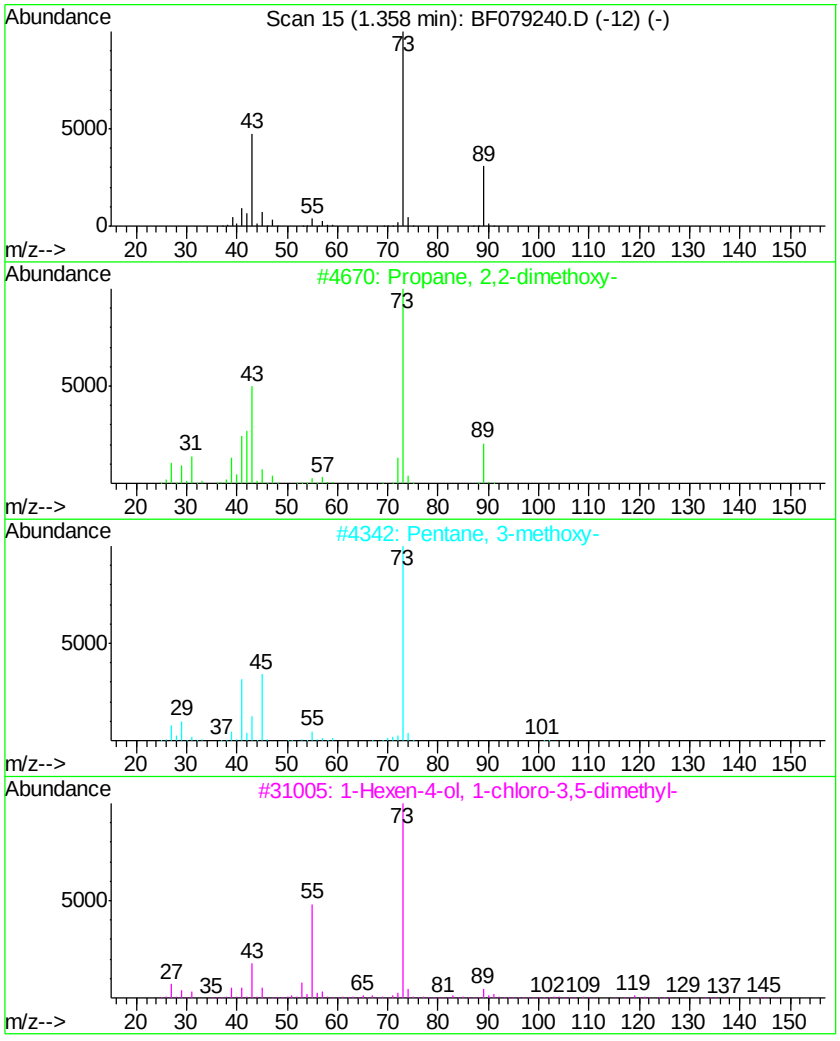
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

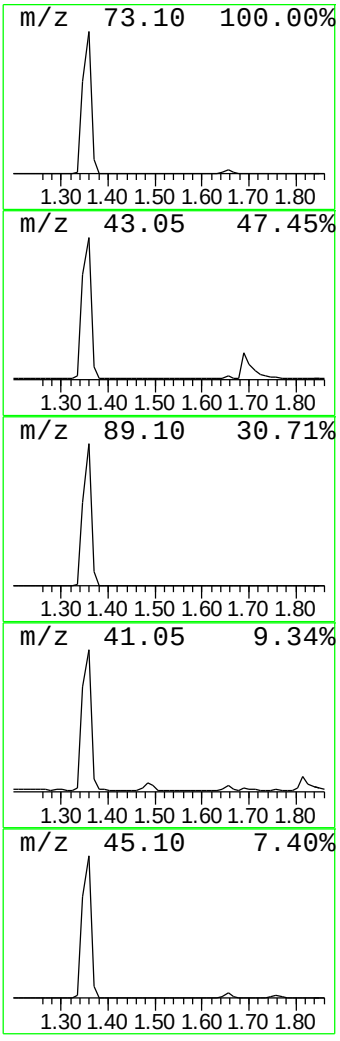
****

Peak Number 1 unknown1.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	265.34 ng	4040740	1,4-Dichlorobenzene-d4	7.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

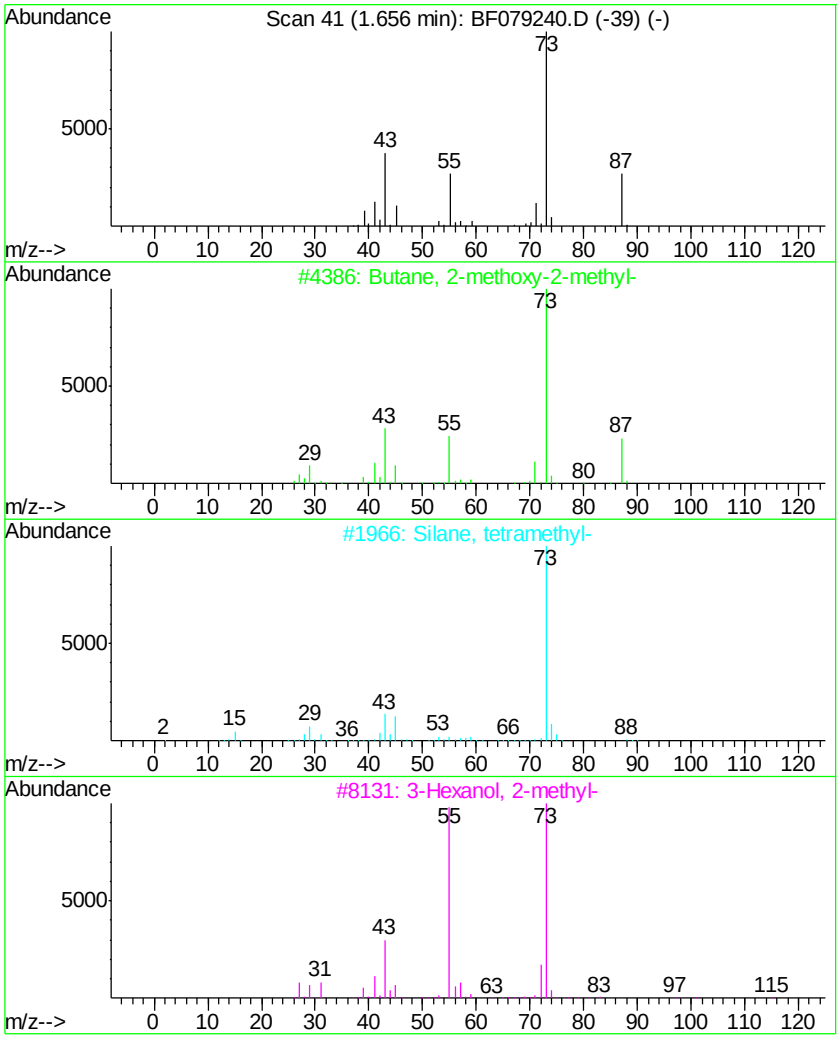
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

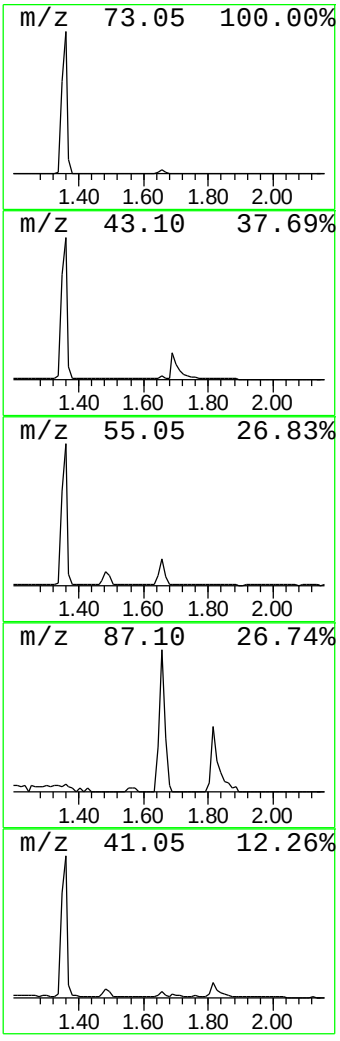
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.66	9.68 ng	147347	1,4-Dichlorobenzene-d4	7.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	16
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

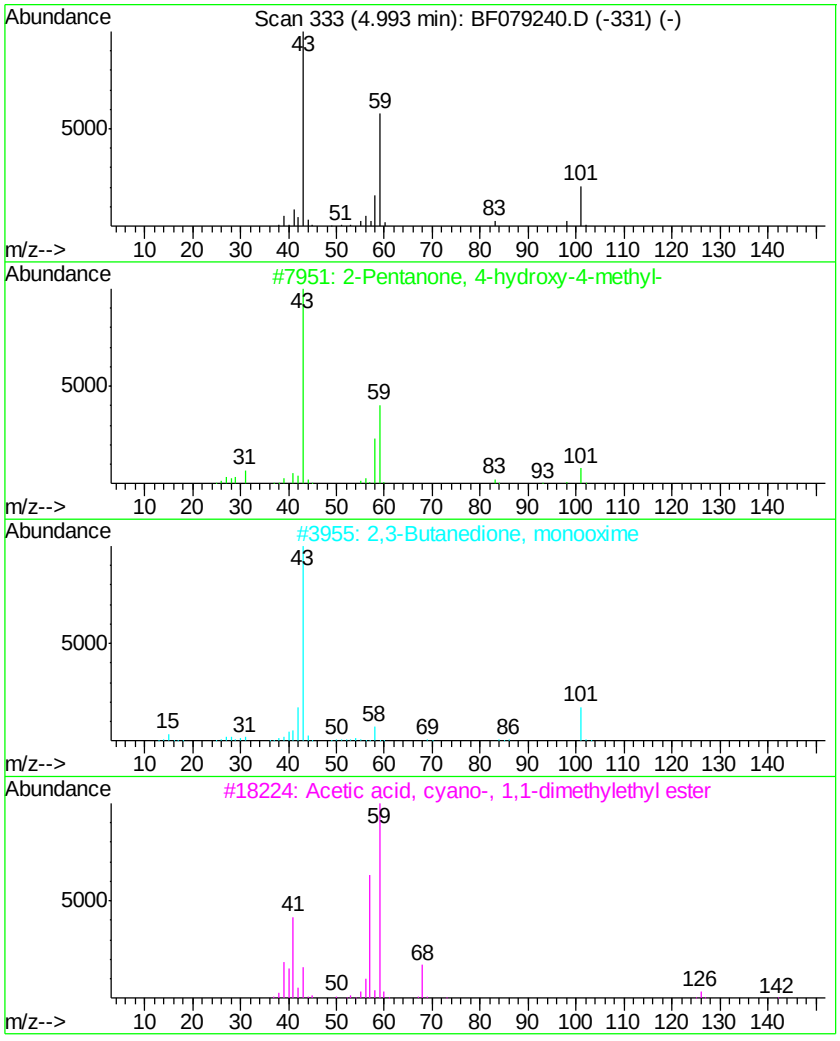
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

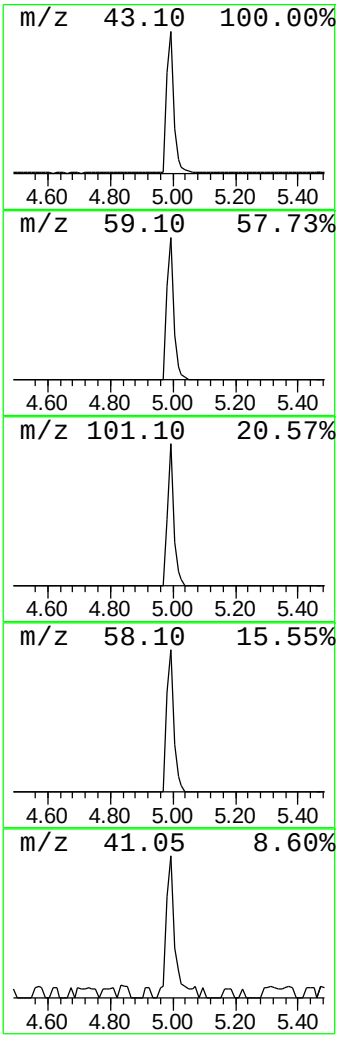
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	12.30 ng	187329	1,4-Dichlorobenzene-d4	7.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	3-Hexanol	102	C6H14O	000623-37-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

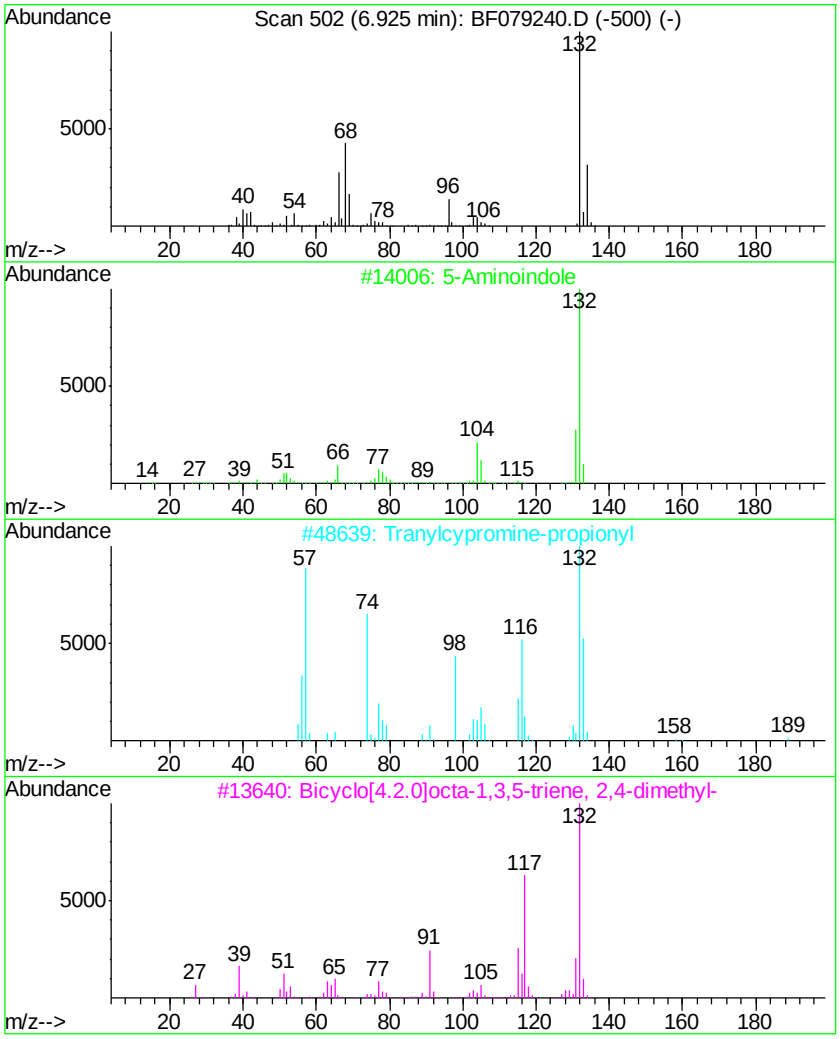
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

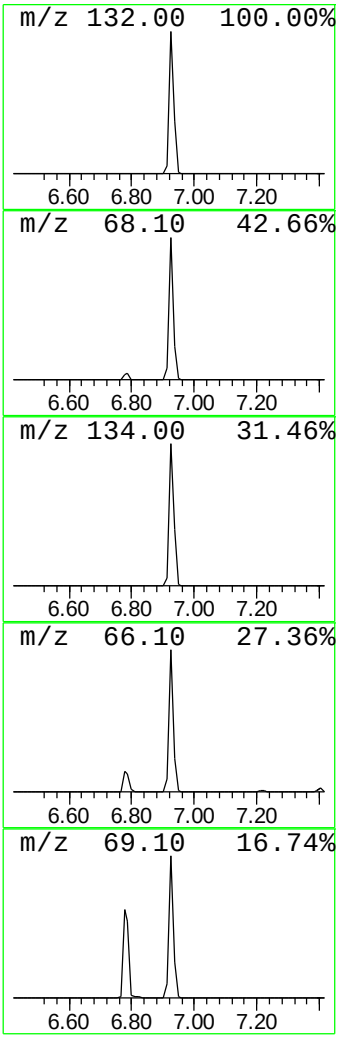
****

Peak Number 7 unknown6.92 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	59.26 ng	902488	1,4-Dichlorobenzene-d4	7.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

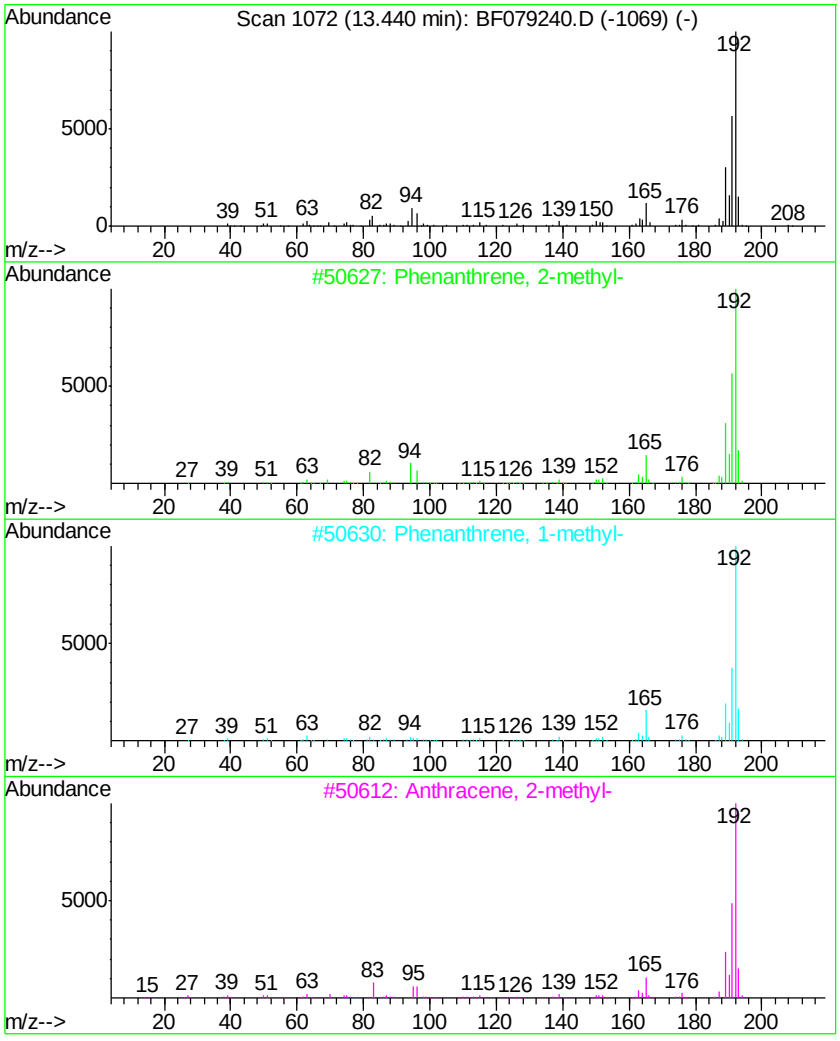
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

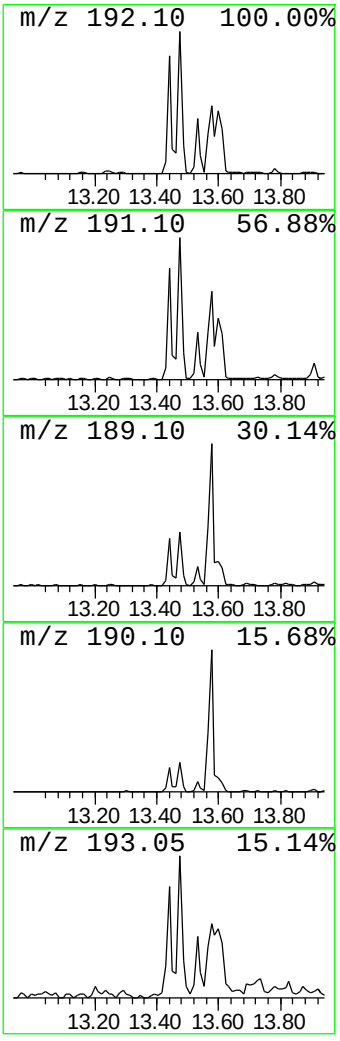
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	10.45 ng	276873	Phenanthrene-d10	12.81

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	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

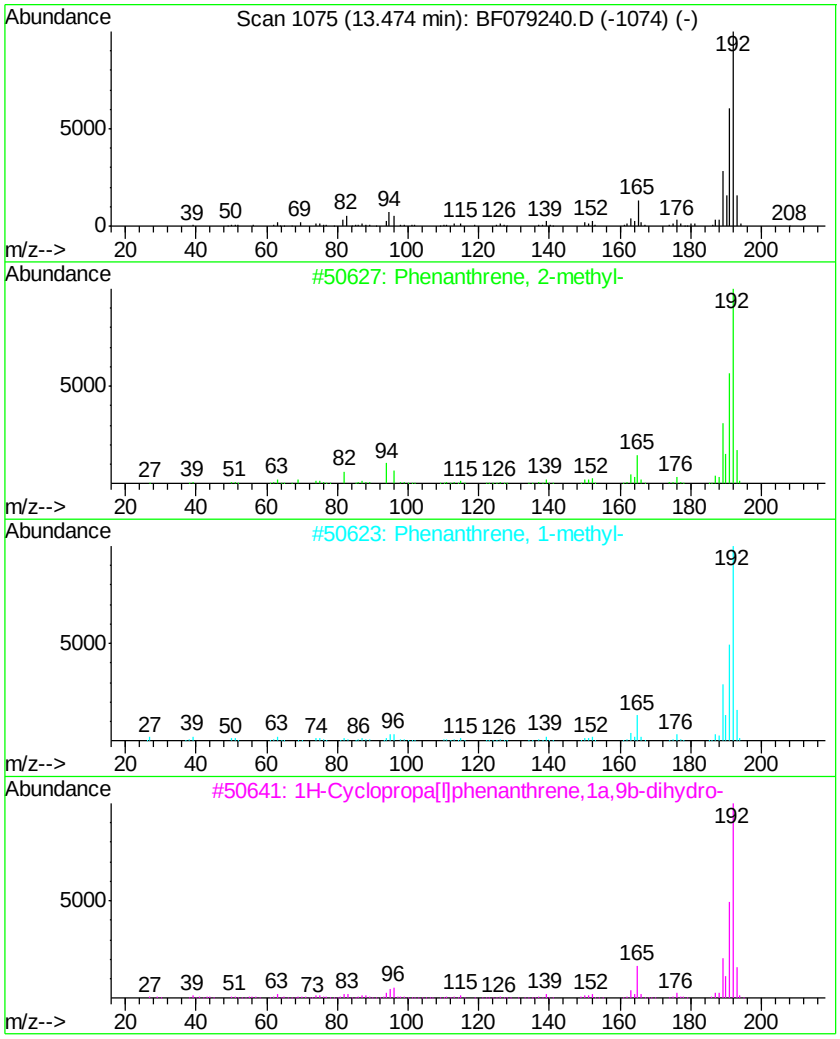
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

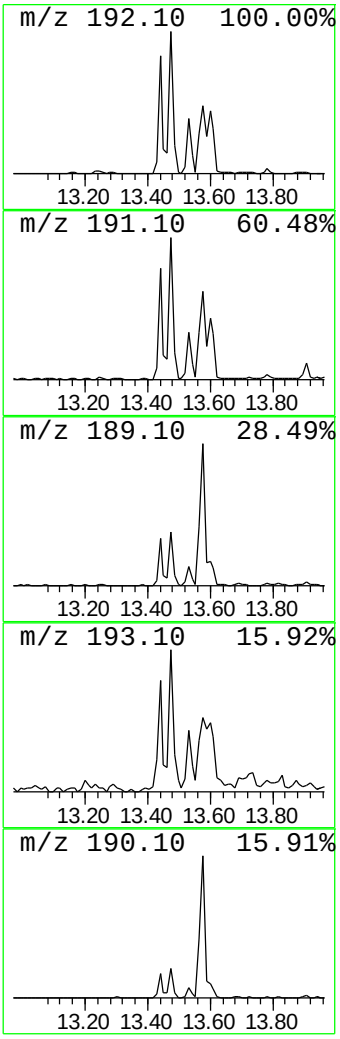
****

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	9.68 ng	256601	Phenanthrene-d10	12.81

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	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

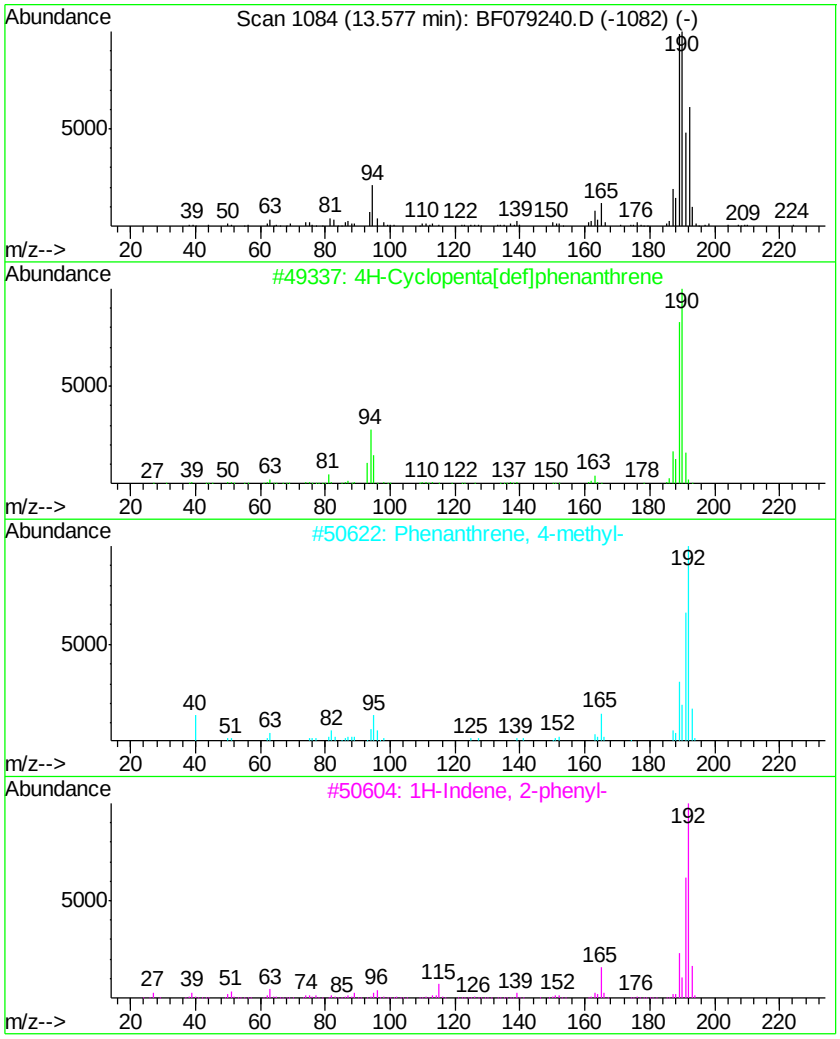
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

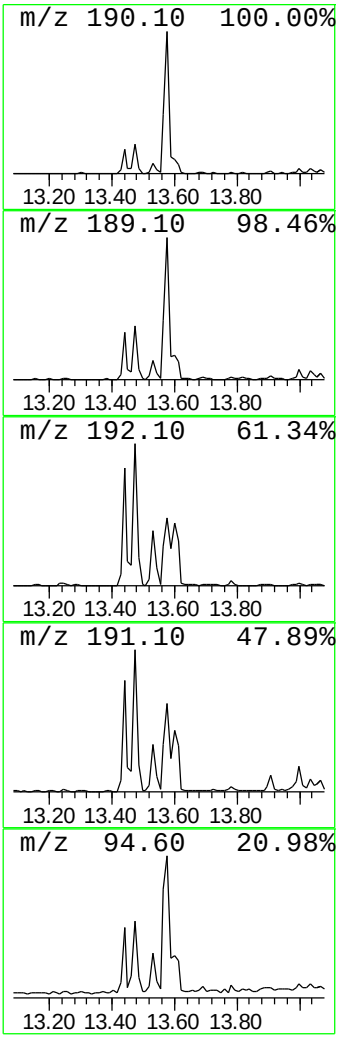
****

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	15.97 ng	423029	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

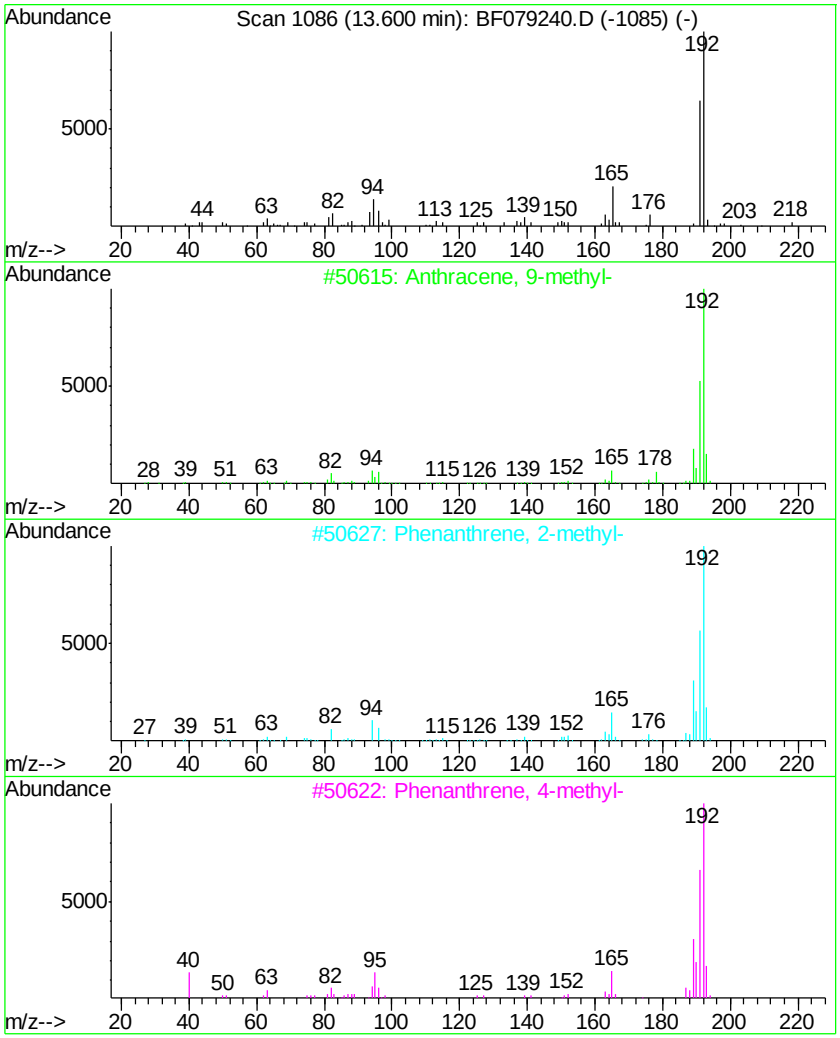
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

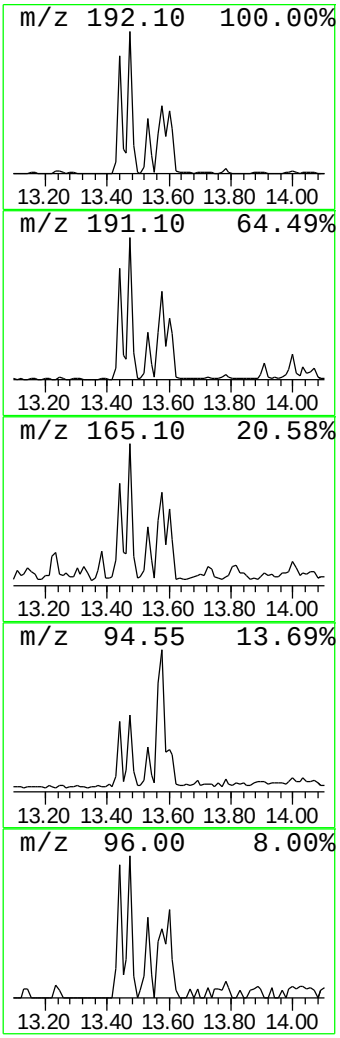
****

Peak Number 12 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	6.16 ng	163112	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

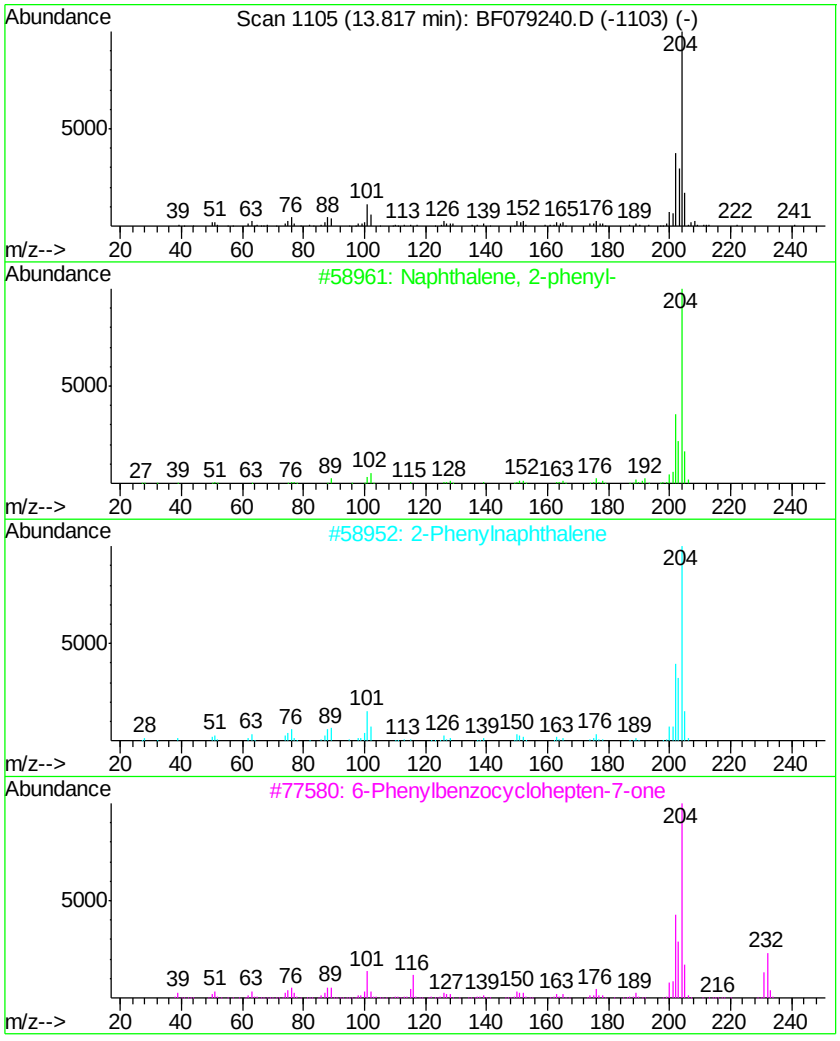
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

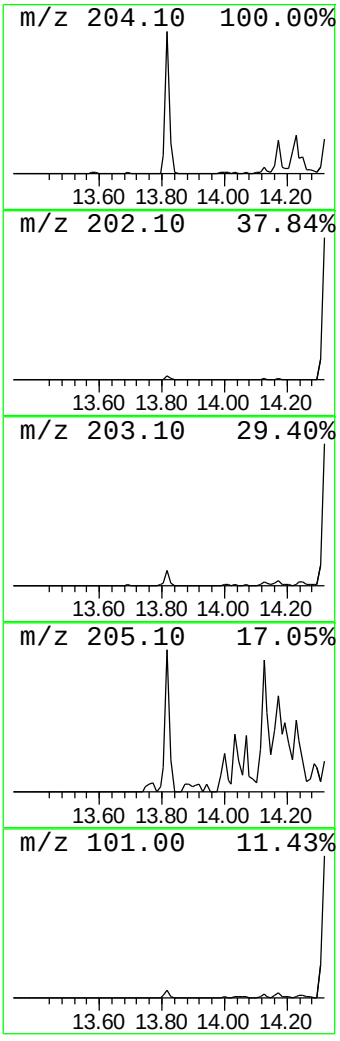
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	9.70 ng	256967	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	90
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	83
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	74
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

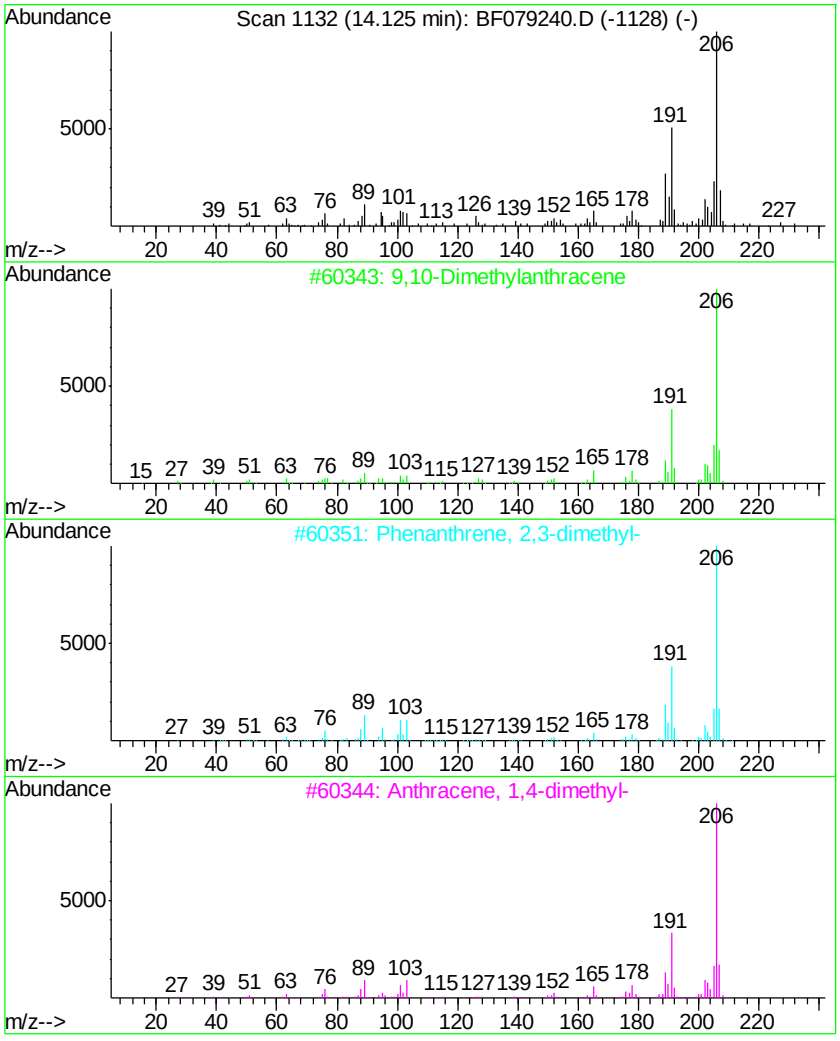
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

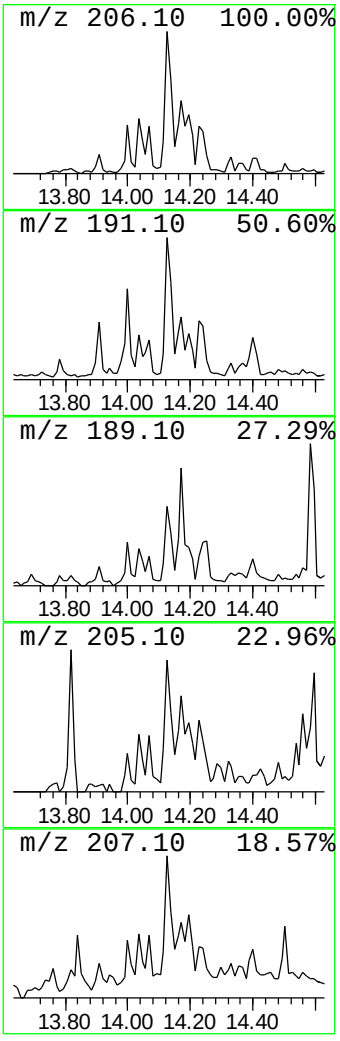
****

Peak Number 14 9,10-Dimethylanthracene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	7.70 ng	204121	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	97
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	92





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

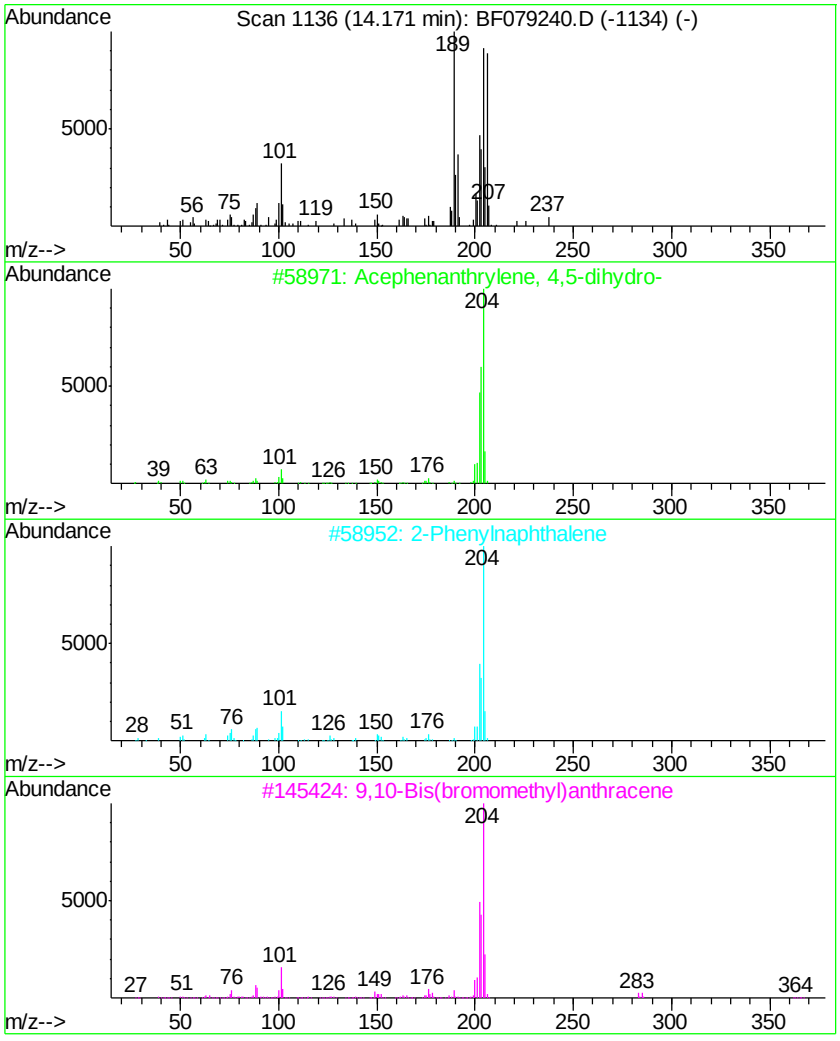
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

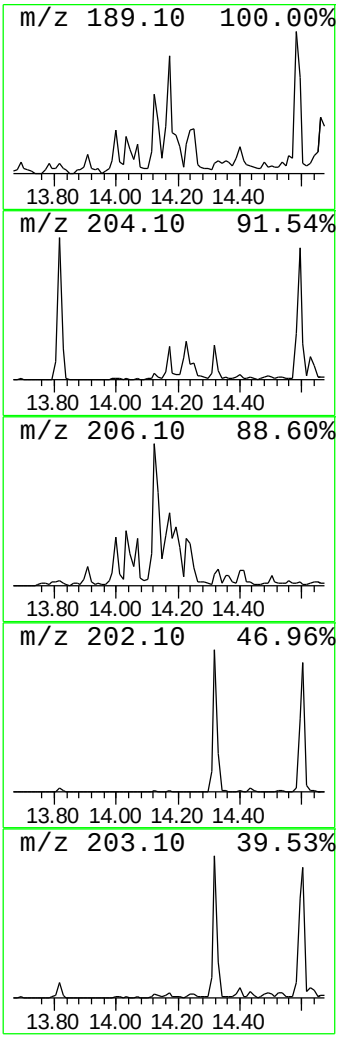
****

Peak Number 15 unknown14.17 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	5.58 ng	147957	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	35
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30
5	4-Amino-3,5-dichloro-2,6-dimethy...	206	C7H8Cl2N2O	1000227-19-9	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

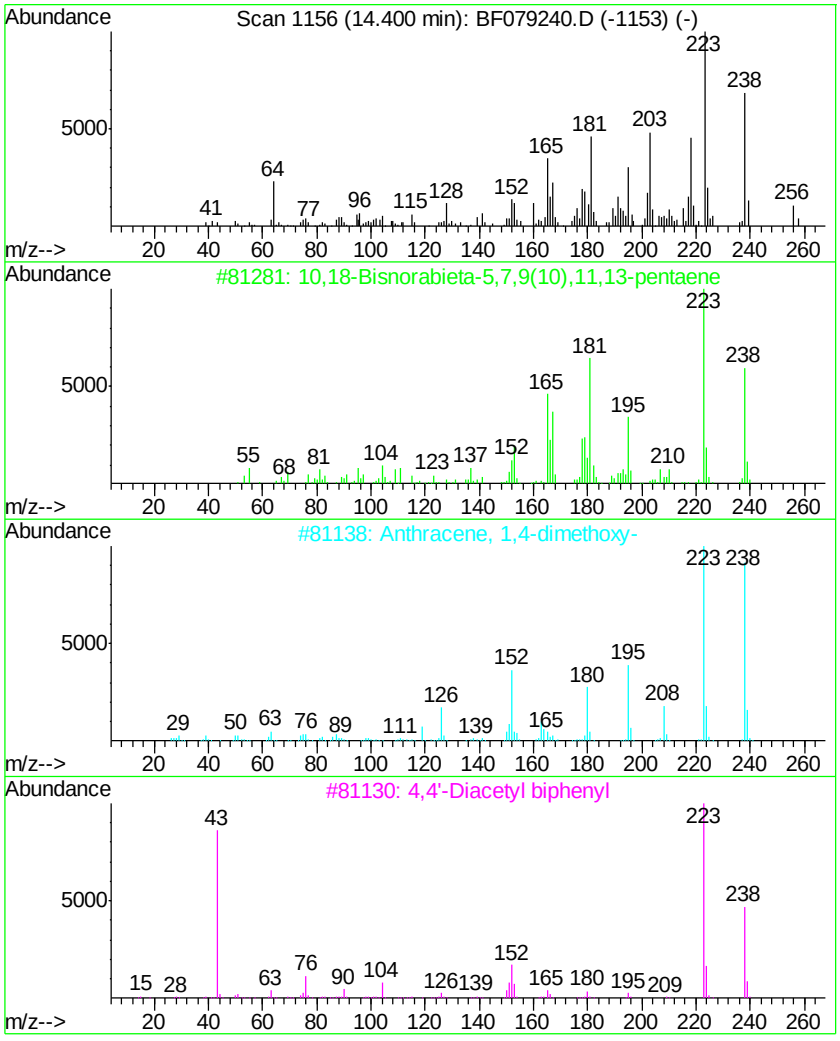
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

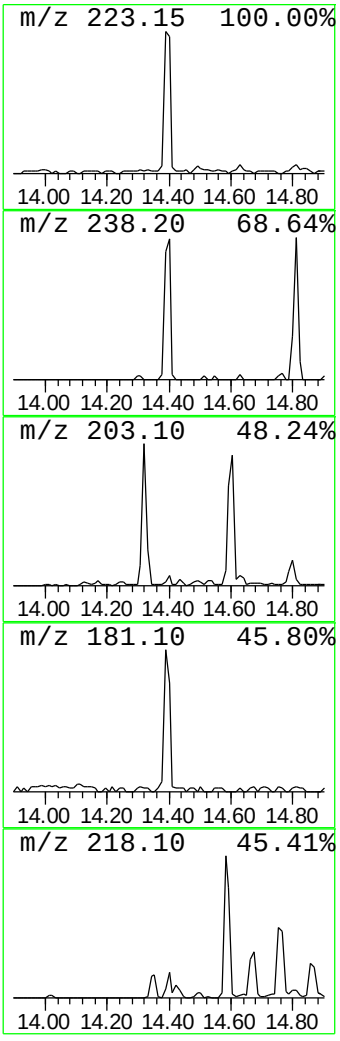
****

Peak Number 16 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	9.98 ng	264358	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	38
3	4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	38
4	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	38
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

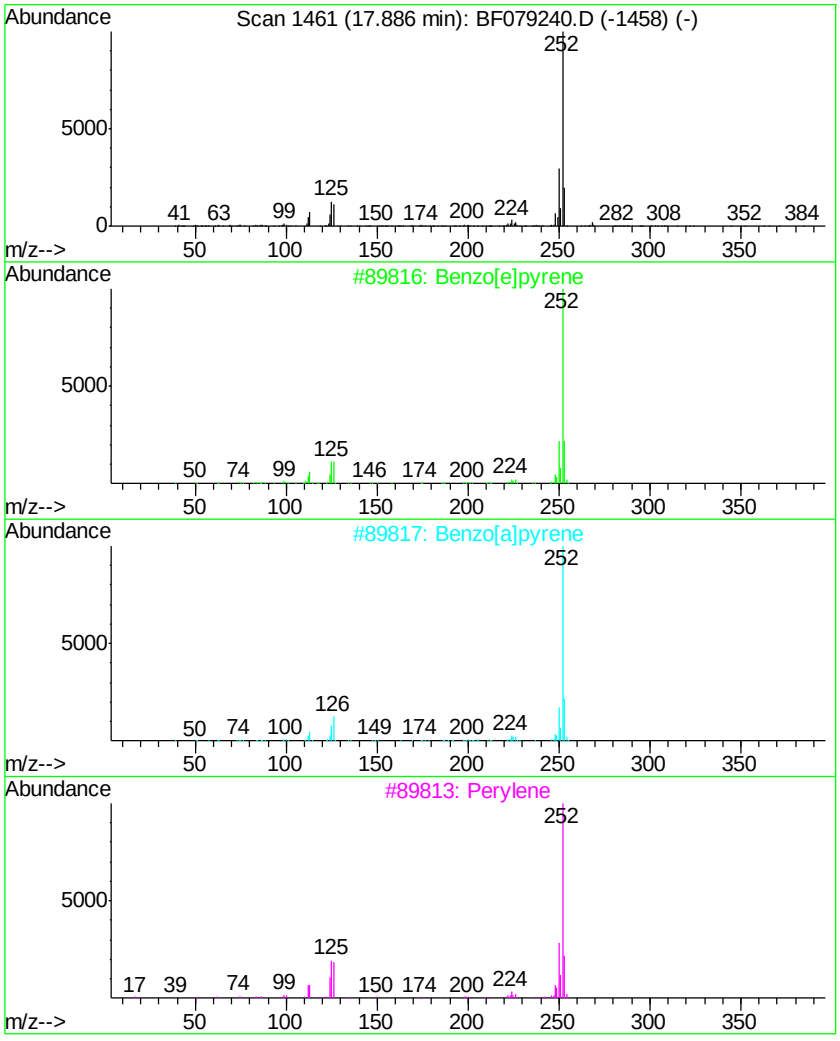
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

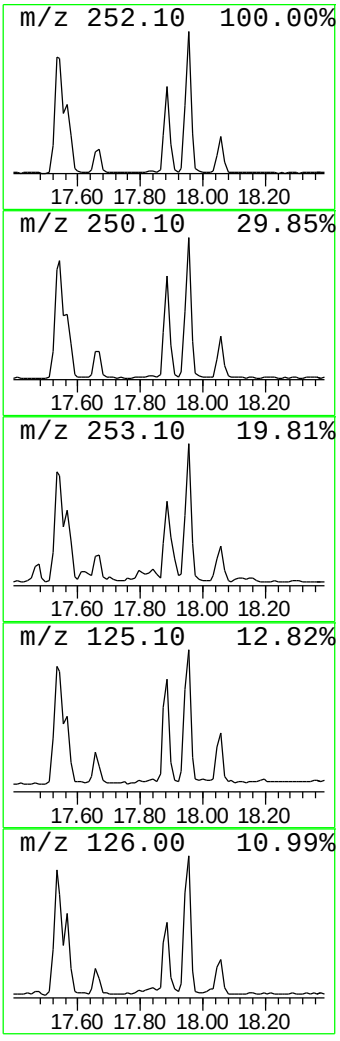
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	15.11 ng	529313	Perylene-d12	18.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

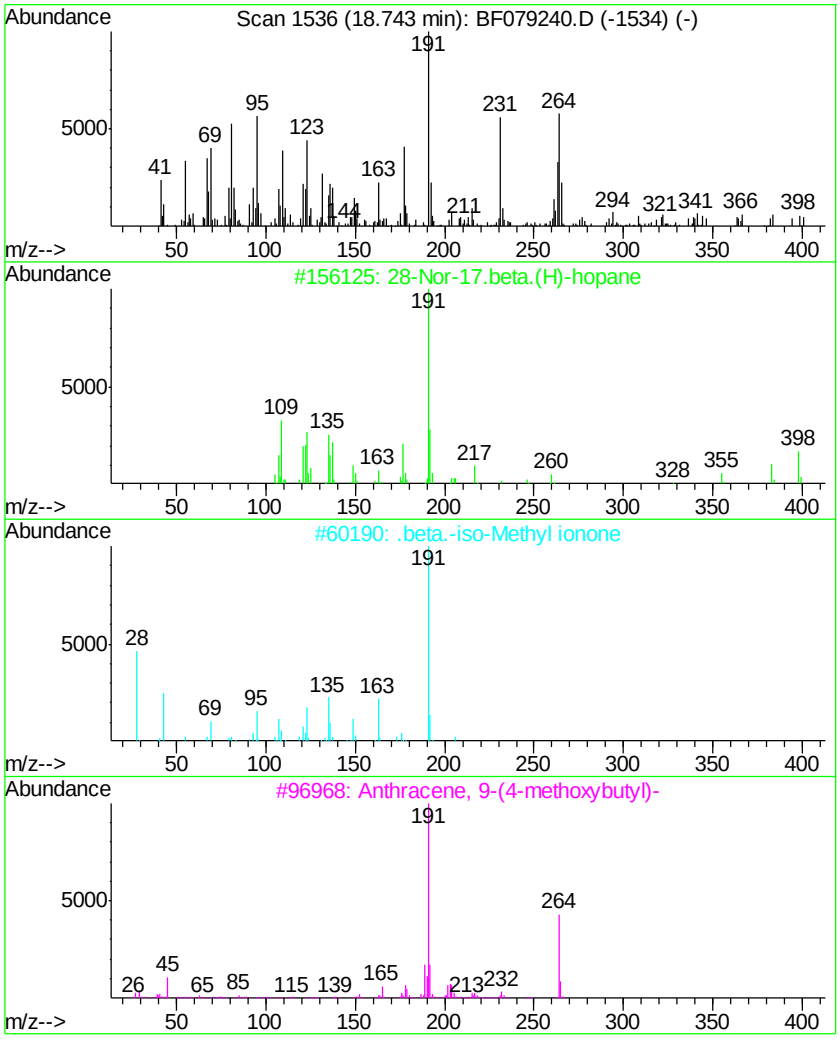
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

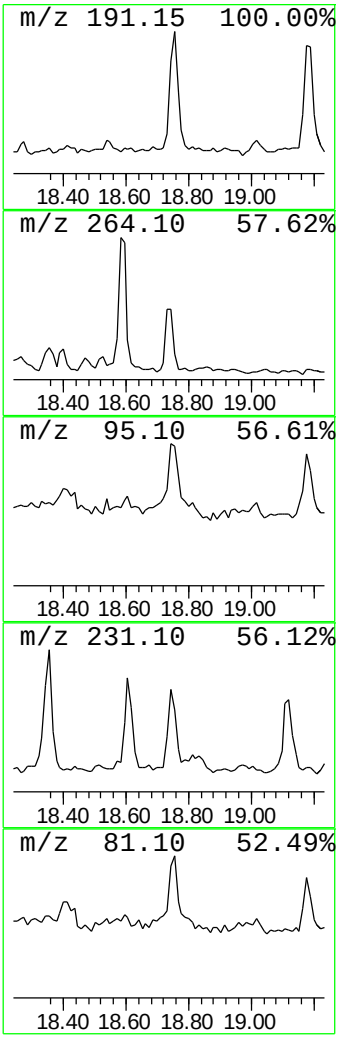
****

Peak Number 19 unknown18.74 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	6.43 ng	225171	Perylene-d12	18.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	43
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	25
3	Anthracene, 9-(4-methoxybutyl)-	264	C19H20O	144000-76-0	25
4	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	25
5	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown1.36	1.36	265.3	ng	4040740	1	7.22	304572	20.0
Butane, 2-methoxy...	1.66	9.7	ng	147347	1	7.22	304572	20.0
2-Pentanone, 4-hy...	4.99	12.3	ng	187329	1	7.22	304572	20.0
unknown6.92	6.92	59.3	ng	902488	1	7.22	304572	20.0
Phenanthrene, 2-m...	13.44	10.4	ng	276873	4	12.81	529933	20.0
Phenanthrene, 1-m...	13.47	9.7	ng	256601	4	12.81	529933	20.0
4H-Cyclopenta[def...	13.58	16.0	ng	423029	4	12.81	529933	20.0
Anthracene, 9-met...	13.60	6.2	ng	163112	4	12.81	529933	20.0
Naphthalene, 2-ph...	13.82	9.7	ng	256967	4	12.81	529933	20.0
9,10-Dimethylanth...	14.13	7.7	ng	204121	4	12.81	529933	20.0
unknown14.17	14.17	5.6	ng	147957	4	12.81	529933	20.0
10,18-Bisnorabiet...	14.40	10.0	ng	264358	4	12.81	529933	20.0
Benzo[e]pyrene	17.89	15.1	ng	529313	6	18.02	700628	20.0
unknown18.74	18.74	6.4	ng	225171	6	18.02	700628	20.0