LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080462.D
Acq On : 14 Jul 2015 11:55
Operator : TP/UM
Sample : G2954-17 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B1

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-BF071015.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	2.156	4	6	14	rBV	49031	74996	13.00%	1.522%
2	2.270	14	16	27	rVB	22353	33186	5.75%	0.673%
3	5.356	283	286	296	rBB	19840	42374	7.35%	0.860%
4	5.767	320	322	330	rBB	58944	68021	11.79%	1.380%
5	6.785	409	411	420	rBB	45267	69304	12.02%	1.406%
6	6.910	420	422	425	rBV	99705	85262	14.78%	1.730%
7	7.127	440	441	444	rBB	105698	106138	18.40%	2.154%
8	7.287	454	455	458	rBB	64168	61294	10.63%	1.244%
9	7.699	489	491	495	rBB	49541	44219	7.67%	0.897%
10	8.419	552	554	557	rBV	196019	159903	27.72%	3.245%
11	9.493	645	648	650	rBV	129361	104229	18.07%	2.115%
12	9.871	679	681	684	rBB	7516	14160	2.45%	0.287%
13	10.042	694	696	698	rBB	12253	9519	1.65%	0.193%
14	10.179	706	708	710	rVV	238725	192768	33.42%	3.912%
15	10.579	741	743	744	rBB	10080	8127	1.41%	0.165%
16	10.728	754	756	758	rBB	6833	6989	1.21%	0.142%
17	10.968	775	777	780	rVB	68330	58251	10.10%	1.182%
18	11.059	783	785	790	rBB	12911	22019	3.82%	0.447%
19	11.494	820	823	825	rBV	10697	15383	2.67%	0.312%
20	11.676	836	839	843	rBV2	166713	306733	53.18%	6.224%
21	11.745	843	845	847	rBV	31768	27940	4.84%	0.567%
22	11.928	856	861	863	rBV3	13197	17453	3.03%	0.354%
23	12.179	881	883	884	rBV	20107	17126	2.97%	0.348%
24	12.214	884	886	888	rVV	14746	21756	3.77%	0.441%
25	12.259	888	890	891	rVV	10498	9060	1.57%	0.184%
26	12.294	891	893	899	rVB3	23664	50516	8.76%	1.025%
27	12.488	906	910	911	rBV2	8727	13916	2.41%	0.282%
28	12.637	921	923	925	rBV2	6128	7907	1.37%	0.160%
29	12.751	931	933	935	rBV	29324	27153	4.71%	0.551%
30	12.797	935	937	940	rVB	7856	15252	2.64%	0.310%
31	12.854	940	942	945	rVB2	8369	11989	2.08%	0.243%
32	12.934	947	949	951	rBV	232188	232617	40.33%	4.720%
33	13.037	956	958	961	rBV	4355	7036	1.22%	0.143%
34	13.094	961	963	967	rBV3	10877	17766	3.08%	0.361%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080462.D
Acq On : 14 Jul 2015 11:55
Operator : TP/UM
Sample : G2954-17 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B1

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-BF071015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.185	967	971	973	rBV	212567	266613	46.22%	5.410%
36	13.231	973	975	978	rVB	14241	16678	2.89%	0.338%
37	13.322	981	983	985	rVB	193128	173327	30.05%	3.517%
38	13.357	985	986	989	rVB	9382	8955	1.55%	0.182%
39	13.414	989	991	994	rBV3	16228	28970	5.02%	0.588%
40	13.540	998	1002	1005	rBV2	33825	62523	10.84%	1.269%
41	13.620	1005	1009	1010	rBV	20807	23124	4.01%	0.469%
42	13.665	1010	1013	1014	rBV2	20907	28725	4.98%	0.583%
43	13.688	1014	1015	1017	rVB2	4857	6217	1.08%	0.126%
44	13.768	1020	1022	1024	rBV	14553	18819	3.26%	0.382%
45	13.802	1024	1025	1030	rVB2	13712	17512	3.04%	0.355%
46	13.894	1030	1033	1035	rVB3	5030	7669	1.33%	0.156%
47	13.951	1035	1038	1039	rBV	6760	10192	1.77%	0.207%
48	14.134	1052	1054	1057	rBV2	18802	33453	5.80%	0.679%
49	14.202	1058	1060	1062	rVV	11360	15128	2.62%	0.307%
50	14.260	1063	1065	1067	rVV2	15830	21089	3.66%	0.428%
51	14.294	1067	1068	1070	rVV	15581	18491	3.21%	0.375%
52	14.340	1070	1072	1074	rVV2	19417	29912	5.19%	0.607%
53	14.374	1074	1075	1078	rVB	14169	21252	3.68%	0.431%
54	14.465	1081	1083	1086	rVB2	5412	6429	1.11%	0.130%
55	14.568	1088	1092	1094	rVV2	368699	576791	100.00%	11.705%
56	14.602	1094	1095	1097	rVV	87251	75358	13.07%	1.529%
57	14.694	1102	1103	1108	rVV2	17494	30221	5.24%	0.613%
58	14.762	1108	1109	1112	rVV3	3288	5897	1.02%	0.120%
59	15.003	1128	1130	1131	rBV	11101	9383	1.63%	0.190%
60	15.048	1131	1134	1136	rBV	29394	39088	6.78%	0.793%
61	15.094	1136	1138	1139	rBV	9990	11464	1.99%	0.233%
62	15.128	1139	1141	1142	rBV	6892	8533	1.48%	0.173%
63	15.208	1146	1148	1149	rBV	15139	13443	2.33%	0.273%
64	15.437	1166	1168	1170	rBV3	6670	11206	1.94%	0.227%
65	15.505	1172	1174	1176	rVV	19618	23496	4.07%	0.477%
66	15.665	1186	1188	1191	rVB2	8851	15935	2.76%	0.323%
67	15.745	1193	1195	1197	rVV3	8499	12919	2.24%	0.262%
68	15.848	1201	1204	1210	rVV	130842	296490	51.40%	6.017%
69	15.974	1213	1215	1217	rVV	28622	41718	7.23%	0.847%
70	16.088	1221	1225	1228	rBV4	10787	35551	6.16%	0.721%
71	16.191	1231	1234	1237	rVV	79999	115243	19.98%	2.339%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080462.D
Acq On : 14 Jul 2015 11:55
Operator : TP/UM
Sample : G2954-17 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B1

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-BF071015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.260	1237	1240	1244	rVV	116948	155783	27.01%	3.161%
73	16.328	1244	1246	1249	rVV	196924	343065	59.48%	6.962%
74	16.374	1249	1250	1255	rVB2	31202	34796	6.03%	0.706%
75	16.968	1300	1302	1304	rBV2	8797	10843	1.88%	0.220%
76	17.357	1334	1336	1338	rVB3	6166	9232	1.60%	0.187%
77	17.769	1370	1372	1373	rBV2	6649	8159	1.41%	0.166%
78	17.803	1373	1375	1379	rVB	8474	13145	2.28%	0.267%
79	17.974	1387	1390	1394	rBV2	48202	109664	19.01%	2.225%
80	18.180	1405	1408	1410	rBV3	10722	21349	3.70%	0.433%
81	18.477	1430	1434	1439	rBV	38436	88009	15.26%	1.786%
82	18.740	1454	1457	1464	rVB2	11659	35680	6.19%	0.724%

Sum of corrected areas: 4927901

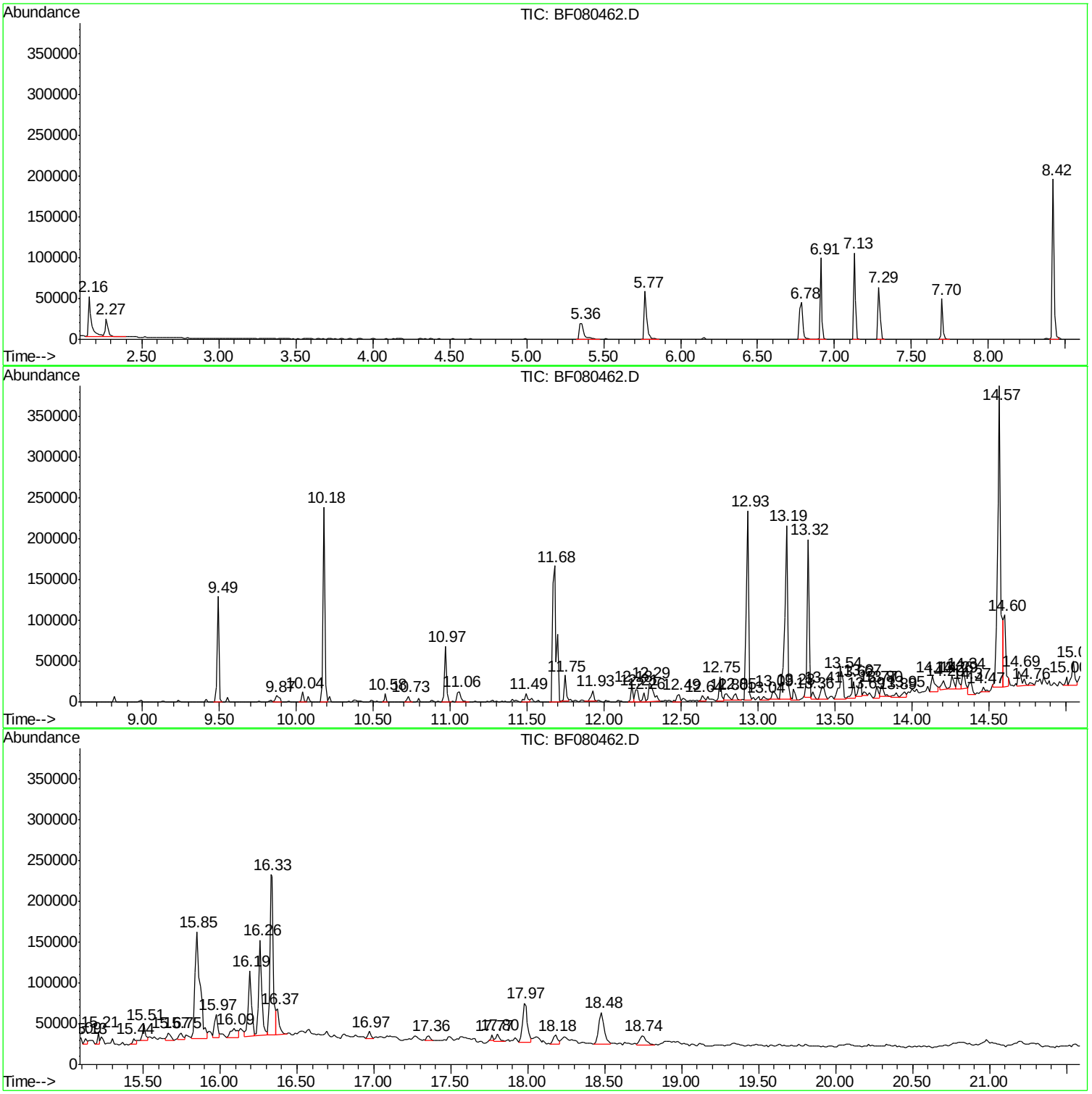
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080462.D
Acq On : 14 Jul 2015 11:55
Operator : TP/UM
Sample : G2954-17 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-B1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080462.D
Acq On : 14 Jul 2015 11:55
Operator : TP/UM
Sample : G2954-17 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

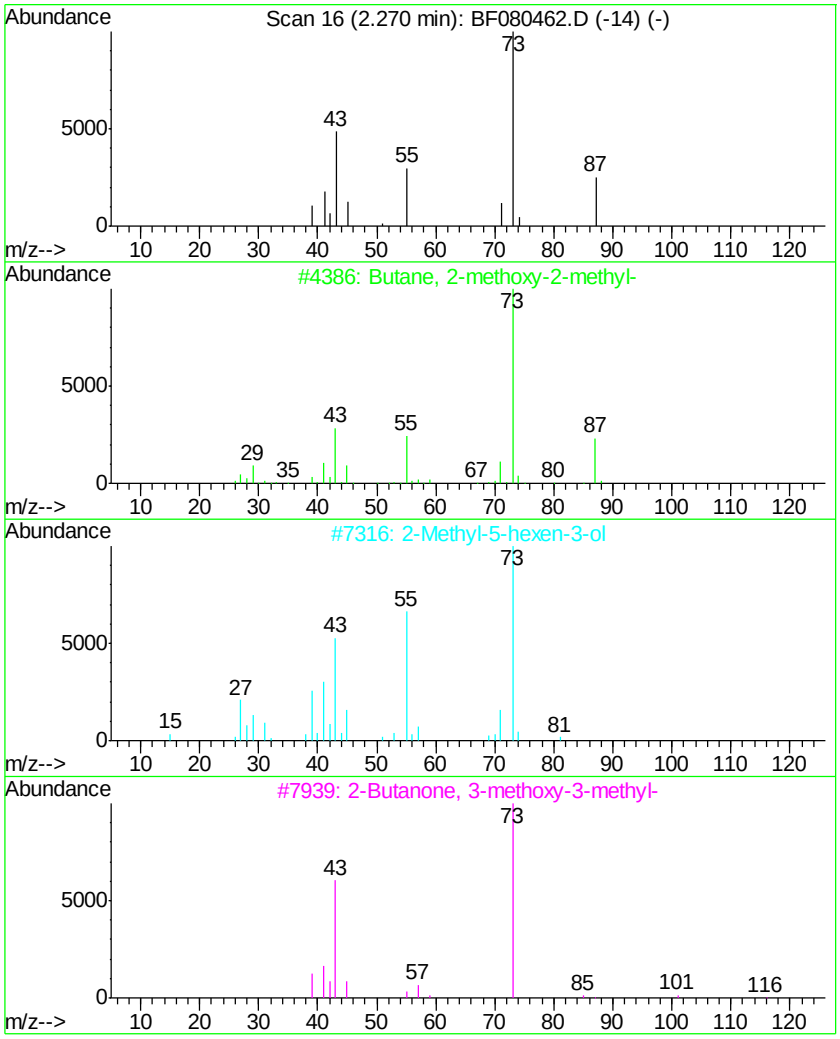
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

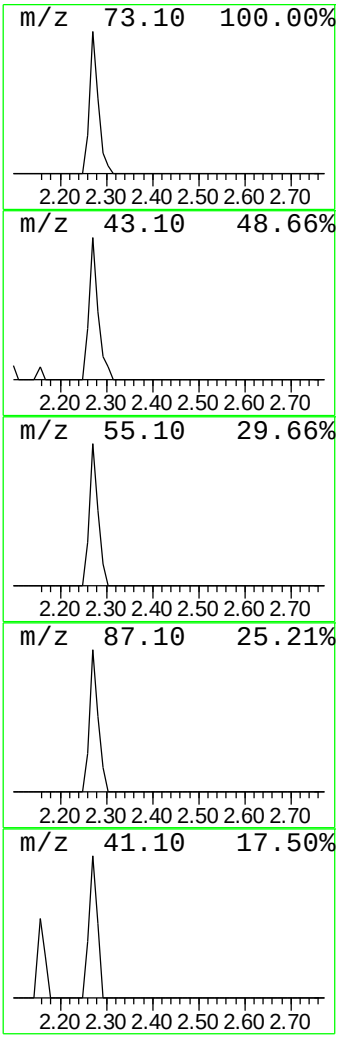
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	6.25 ng	33186	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	33
3	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9
4	Isobutylamine	73	C4H11N	000078-81-9	5
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080462.D
Acq On : 14 Jul 2015 11:55
Operator : TP/UM
Sample : G2954-17 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

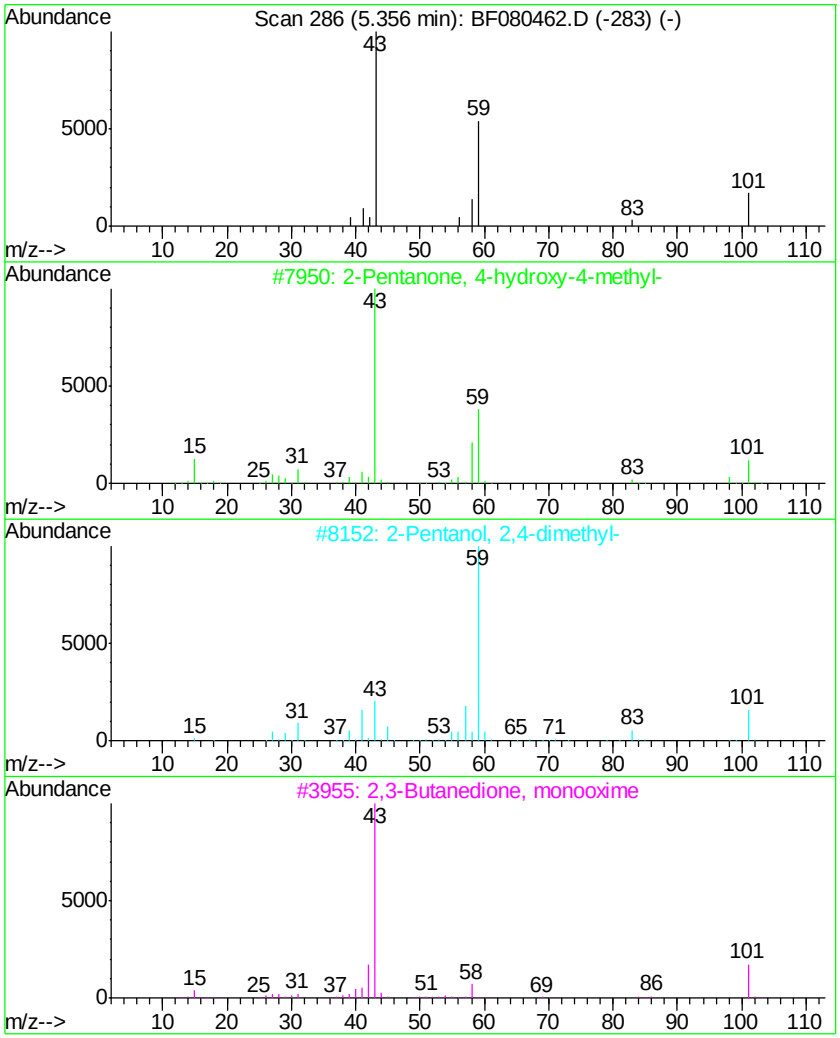
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

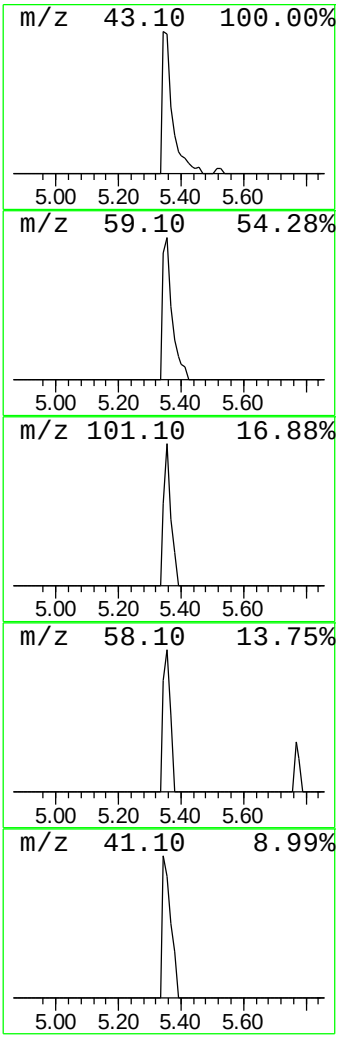
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	7.98 ng	42374	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7
4	Diacetamide	101	C4H7NO2	000625-77-4	7
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080462.D
Acq On : 14 Jul 2015 11:55
Operator : TP/UM
Sample : G2954-17 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

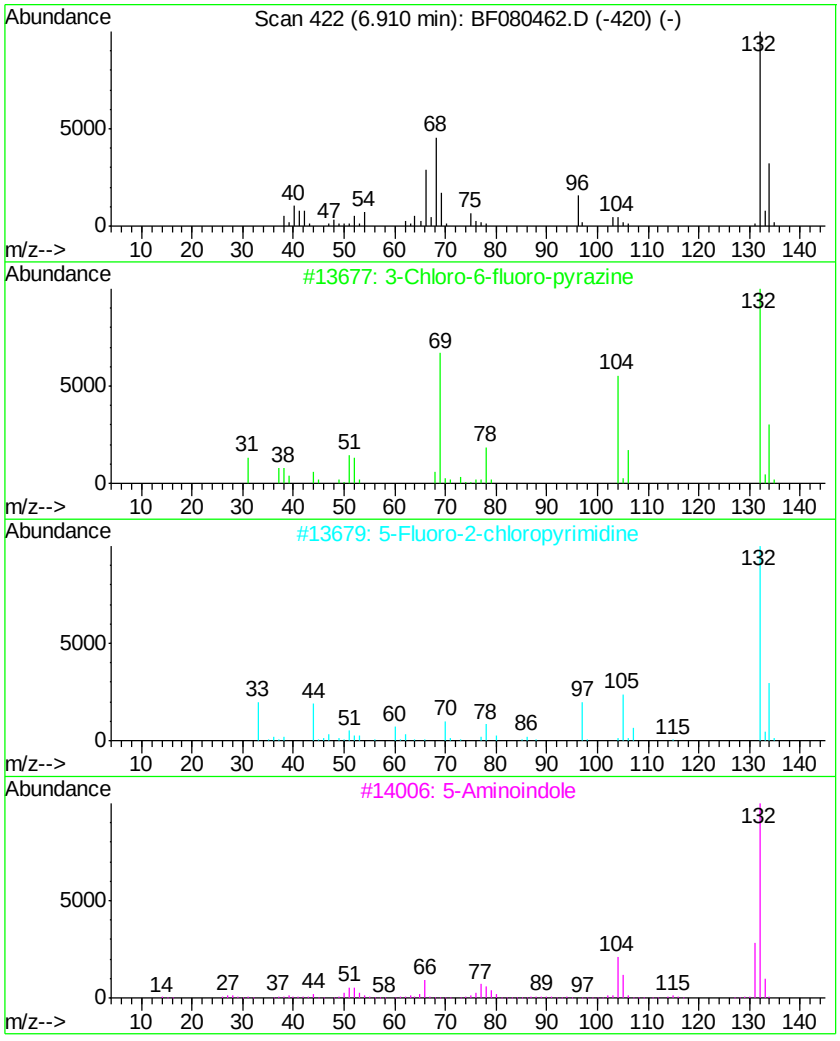
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

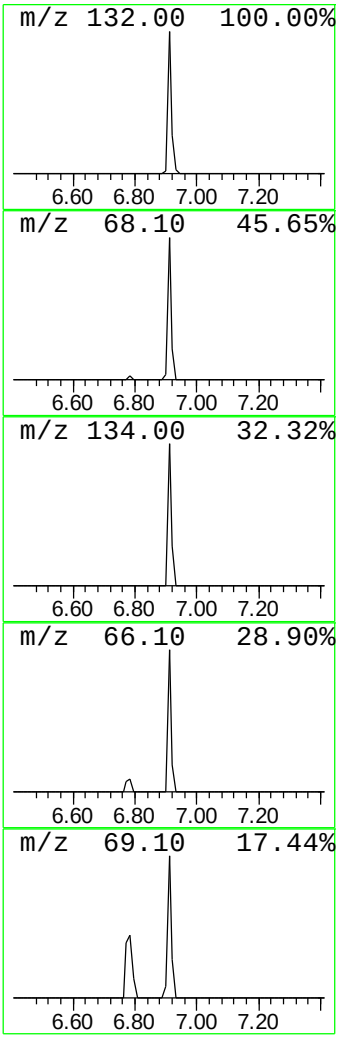
****

Peak Number 4 unknown6.91 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	16.07 ng	85262	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080462.D
Acq On : 14 Jul 2015 11:55
Operator : TP/UM
Sample : G2954-17 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

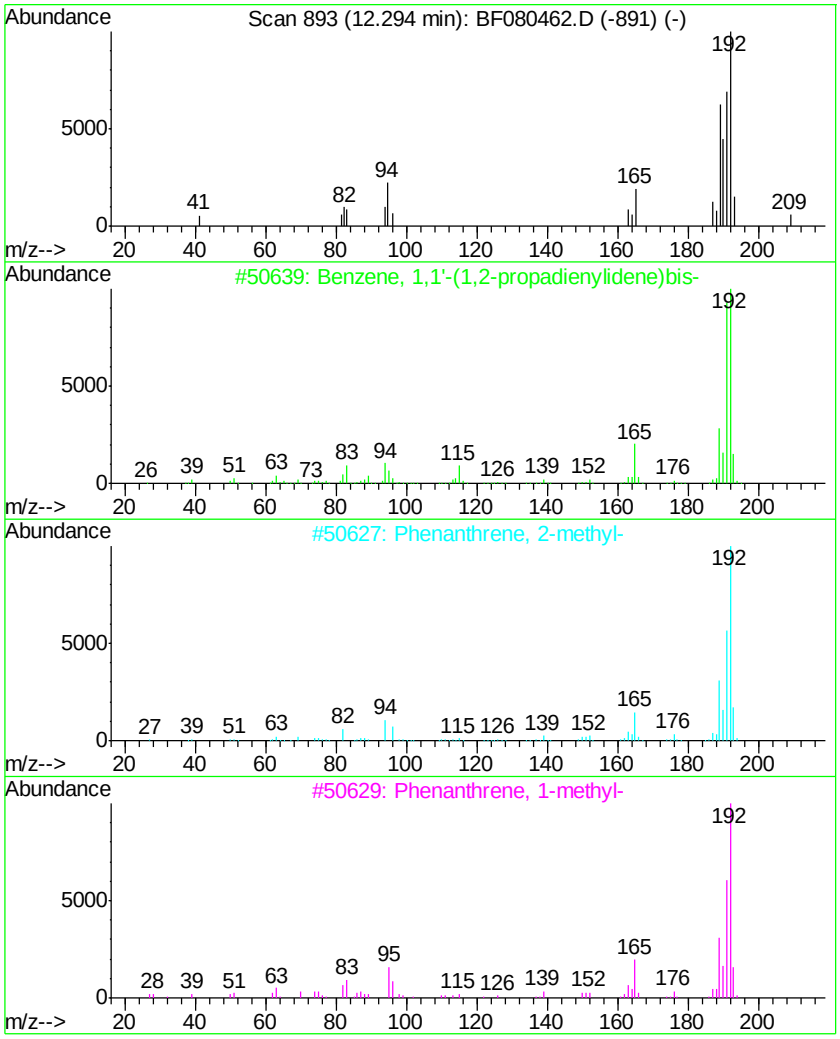
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

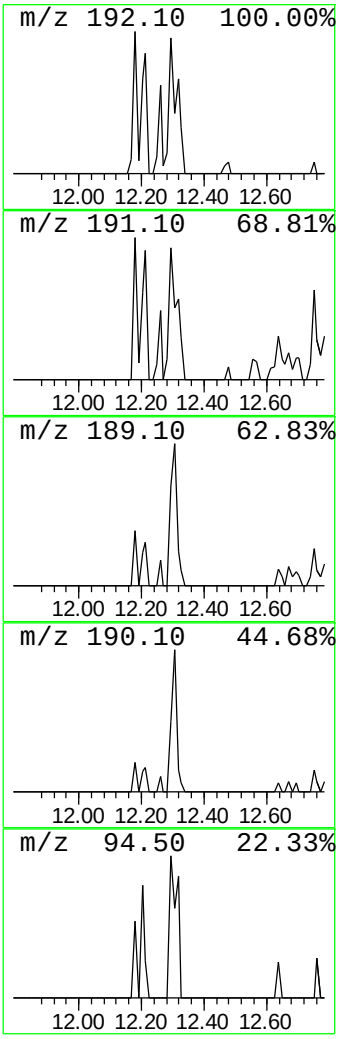
****

Peak Number 6 unknown12.29 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.29 ng	50516	Phenanthrene-d10	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	49
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	49
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	49
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
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Acq On : 14 Jul 2015 11:55
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Sample : G2954-17 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

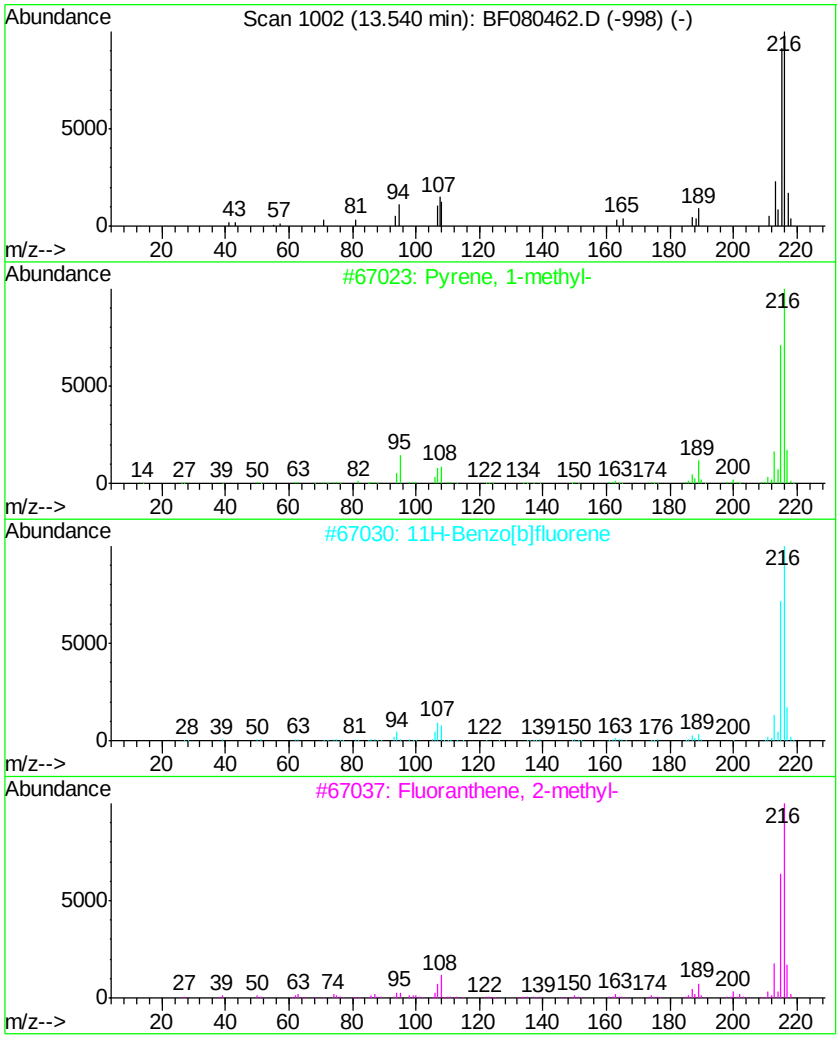
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

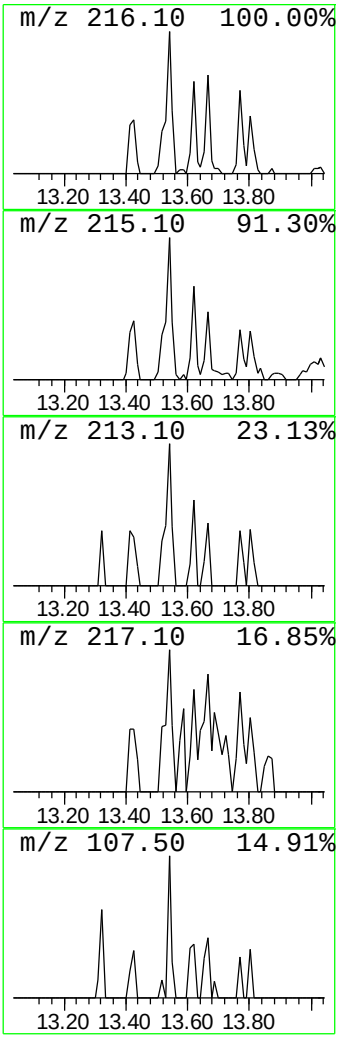
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.17 ng	62523	Chrysene-d12	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080462.D
Acq On : 14 Jul 2015 11:55
Operator : TP/UM
Sample : G2954-17 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

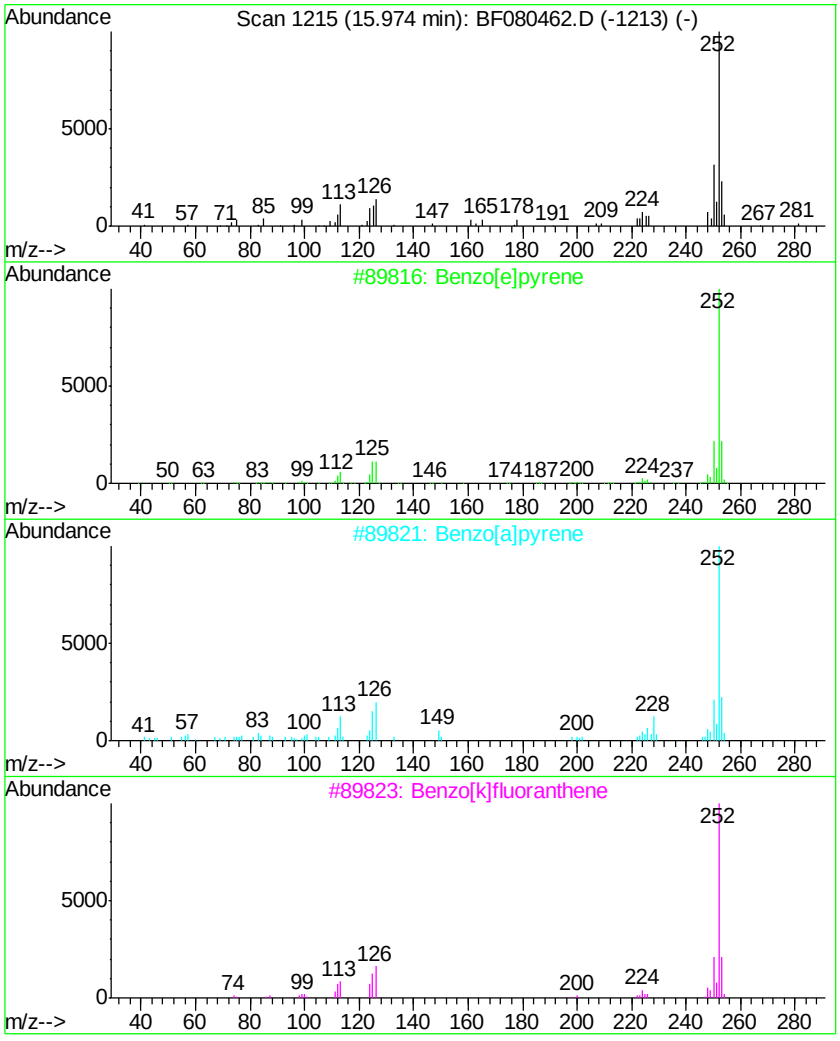
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

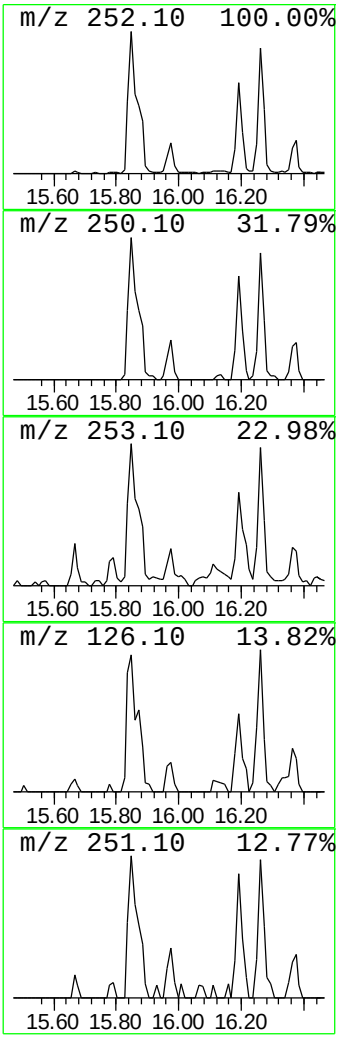
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.43 ng	41718	Perylene-d12	16.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	81
2	Benzo[a]pyrene	252	C20H12	000050-32-8	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4	Perylene	252	C20H12	000198-55-0	72
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	68





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080462.D
Acq On : 14 Jul 2015 11:55
Operator : TP/UM
Sample : G2954-17 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

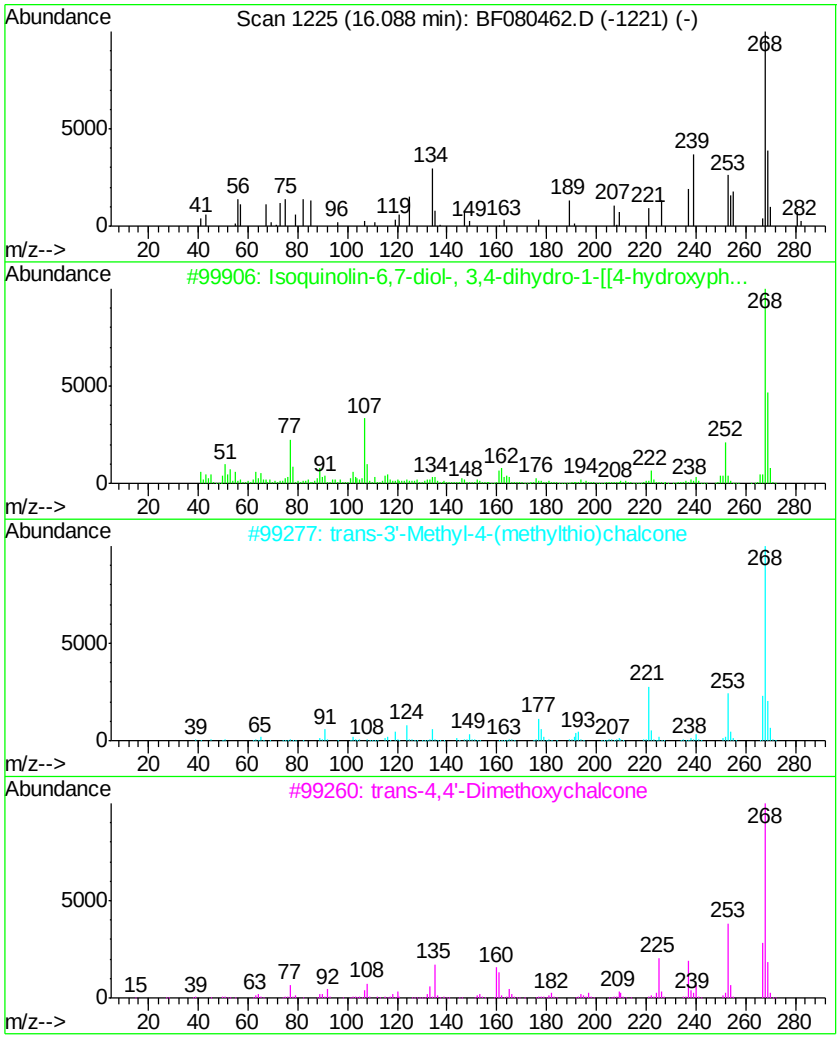
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

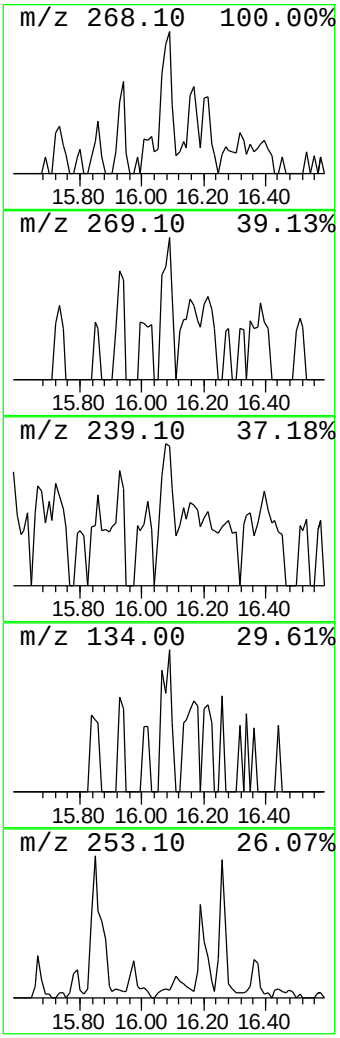
****

Peak Number 9 unknown16.09 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	2.07 ng	35551	Perylene-d12	16.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinolin-6,7-diol-, 3,4-dihyd...	269	C16H15NO3	056632-96-3	37
2	trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	25
3	trans-4,4'-Dimethoxychalcone	268	C17H16O3	041564-67-4	25
4	Propanedinitrile, 2-(5-phenylthi...	268	C14H8N2S2	076100-13-5	23
5	Benzenamine, N,N-dimethyl-4-[2-(...	268	C16H16N2O2	002844-15-7	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080462.D
Acq On : 14 Jul 2015 11:55
Operator : TP/UM
Sample : G2954-17 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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
Butane, 2-methoxy...	2.27	6.3	ng	33186	1	7.13	106138	20.0
2-Pentanone, 4-hy...	5.36	8.0	ng	42374	1	7.13	106138	20.0
unknown6.91	6.91	16.1	ng	85262	1	7.13	106138	20.0
unknown12.29	12.29	3.3	ng	50516	4	11.68	306733	20.0
Pyrene, 1-methyl-	13.54	2.2	ng	62523	5	14.57	576791	20.0
Benzo[e]pyrene	15.97	2.4	ng	41718	6	16.34	343065	20.0
unknown16.09	16.09	2.1	ng	35551	6	16.34	343065	20.0