LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086836.D
Acq On : 9 May 2016 22:34
Operator : UM/SJ
Sample : H2895-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-3-6FT

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-BF050916.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	3.207	96	98	104	rBV	17047	43823	1.00%	0.115%
2	4.121	175	178	186	rBV	347349	486274	11.11%	1.275%
3	4.636	220	223	231	rBV	260446	359938	8.22%	0.944%
4	4.841	239	241	250	rBV	138107	191395	4.37%	0.502%
5	5.287	277	280	297	rBV	1555345	1968812	44.96%	5.163%
6	6.339	370	372	375	rBV	1400078	2147810	49.05%	5.633%
7	6.464	381	383	385	rBV	1658416	2115237	48.31%	5.547%
8	6.693	400	403	405	rBV	700216	1031353	23.55%	2.705%
9	6.842	414	416	419	rBV	1927015	1758479	40.16%	4.612%
10	7.253	450	452	455	rBV	1125414	1538782	35.14%	4.036%
11	7.973	513	515	527	rBV	1506955	1458832	33.32%	3.826%
12	9.059	607	610	612	rBV	3061594	3836540	87.62%	10.061%
13	9.459	643	645	647	rBV	351240	451569	10.31%	1.184%
14	9.665	661	663	666	rBV	78707	71195	1.63%	0.187%
15	9.722	666	668	670	rVV	1626691	1604898	36.65%	4.209%
16	9.756	670	671	674	rVB	82137	73213	1.67%	0.192%
17	9.928	685	686	689	rBV2	37810	46752	1.07%	0.123%
18	10.168	702	707	708	rBV2	92505	133473	3.05%	0.350%
19	10.271	714	716	719	rVB	70346	72525	1.66%	0.190%
20	10.385	723	726	727	rVV	37178	46078	1.05%	0.121%
21	10.511	735	737	740	rBV	2508855	2669079	60.96%	7.000%
22	10.636	746	748	752	rVB	136359	173585	3.96%	0.455%
23	10.819	761	764	769	rBV2	26674	64915	1.48%	0.170%
24	10.968	774	777	780	rVB3	24023	50334	1.15%	0.132%
25	11.208	795	798	802	rBV2	1260309	2228277	50.89%	5.844%
26	11.276	802	804	806	rVB	134843	150504	3.44%	0.395%
27	11.448	815	819	823	rBV3	47252	88510	2.02%	0.232%
28	11.699	839	841	843	rBV	76359	109691	2.51%	0.288%
29	11.734	843	844	847	rVV2	128128	206937	4.73%	0.543%
30	11.779	847	848	849	rVV	64582	49461	1.13%	0.130%
31	11.814	849	851	856	rVB2	135071	227519	5.20%	0.597%
32	11.916	856	860	864	rBV5	31067	71057	1.62%	0.186%
33	11.996	866	867	869	rBV	51110	53330	1.22%	0.140%
34	12.248	886	889	890	rBV	65827	72357	1.65%	0.190%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086836.D
Acq On : 9 May 2016 22:34
Operator : UM/SJ
Sample : H2895-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-3-6FT

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-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.294	890	893	895	rVB4	38729	80959	1.85%	0.212%
36	12.339	895	897	901	rVB2	52347	67994	1.55%	0.178%
37	12.408	901	903	906	rBV	712214	653172	14.92%	1.713%
38	12.557	914	916	920	rVB4	28938	45187	1.03%	0.119%
39	12.637	920	923	925	rVV	496463	642161	14.67%	1.684%
40	12.694	925	928	932	rVB3	45357	88057	2.01%	0.231%
41	12.785	933	936	939	rVV	3827967	4378769	100.00%	11.484%
42	12.854	939	942	945	rVB2	51480	83423	1.91%	0.219%
43	12.968	948	952	954	rVB2	70453	136540	3.12%	0.358%
44	13.025	954	957	959	rBV4	44975	81799	1.87%	0.215%
45	13.071	959	961	964	rVV	77003	126291	2.88%	0.331%
46	13.185	970	971	976	rBV3	39982	62704	1.43%	0.164%
47	13.368	983	987	990	rBV5	32279	91738	2.10%	0.241%
48	13.471	995	996	998	rVB	49478	50420	1.15%	0.132%
49	13.574	1003	1005	1007	rVV2	32340	68066	1.55%	0.179%
50	13.631	1009	1010	1013	rVV2	39724	62431	1.43%	0.164%
51	13.688	1013	1015	1024	rVV4	58447	186252	4.25%	0.488%
52	13.825	1024	1027	1034	rVB2	1477101	1972412	45.04%	5.173%
53	13.928	1034	1036	1039	rVB2	37544	46957	1.07%	0.123%
54	14.008	1039	1043	1044	rBV3	31177	56720	1.30%	0.149%
55	14.214	1059	1061	1063	rBV	61778	68063	1.55%	0.178%
56	14.305	1066	1069	1071	rBV2	50460	64951	1.48%	0.170%
57	14.602	1092	1095	1099	rVB5	34514	84461	1.93%	0.222%
58	14.831	1112	1115	1119	rBV	176658	403239	9.21%	1.058%
59	15.094	1135	1138	1139	rBV	127736	193208	4.41%	0.507%
60	15.151	1139	1143	1146	rVV	365854	888960	20.30%	2.331%
61	15.197	1146	1147	1150	rVB	632616	836888	19.11%	2.195%
62	15.608	1179	1183	1187	rBV4	19634	56332	1.29%	0.148%
63	16.500	1254	1261	1272	rVB5	159453	791318	18.07%	2.075%
64	16.877	1290	1294	1302	rVB	42696	108952	2.49%	0.286%

Sum of corrected areas: 38130958

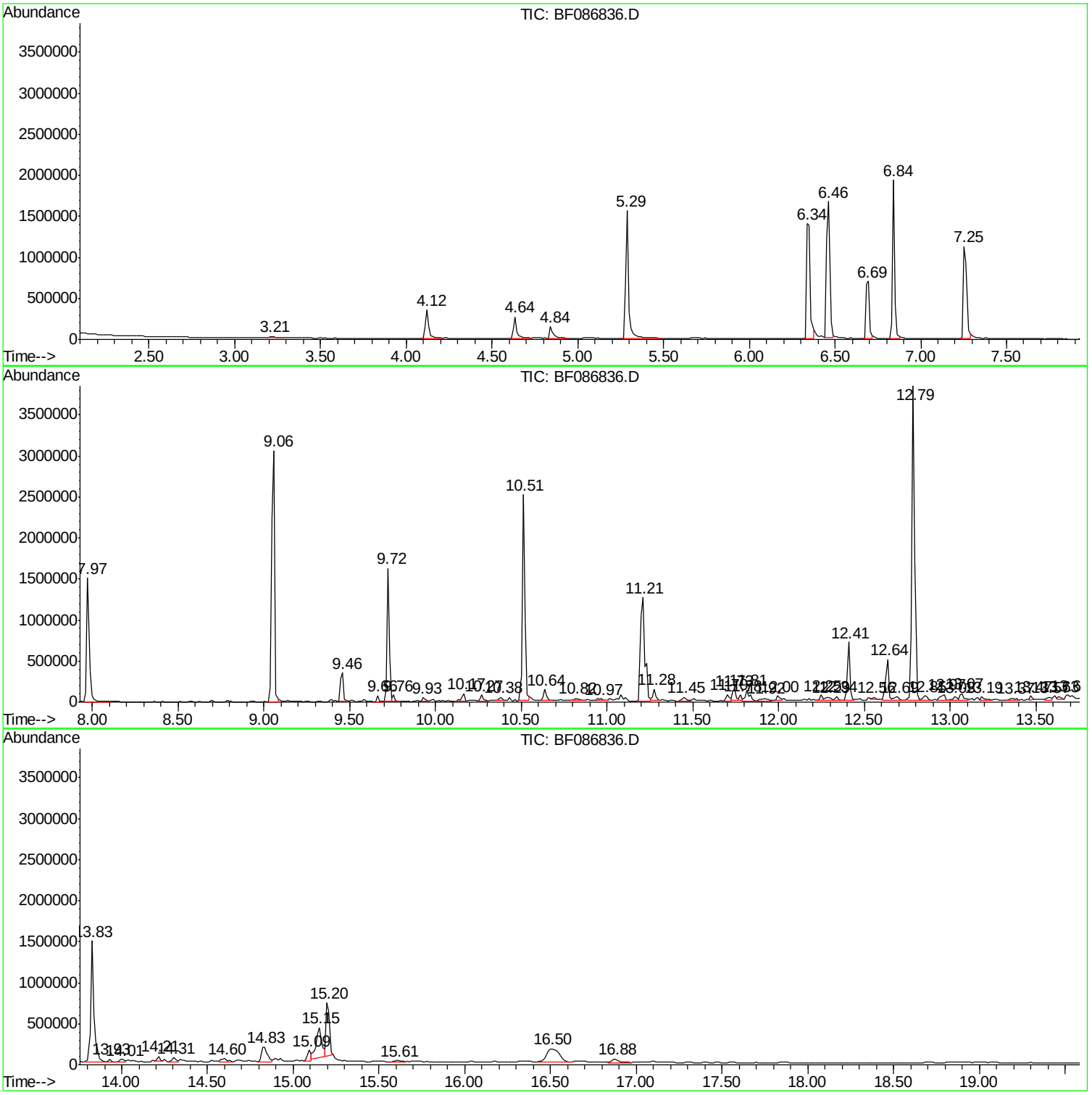
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086836.D
Acq On : 9 May 2016 22:34
Operator : UM/SJ
Sample : H2895-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-3-6FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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\BF050916\
Data File : BF086836.D
Acq On : 9 May 2016 22:34
Operator : UM/SJ
Sample : H2895-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-3-6FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

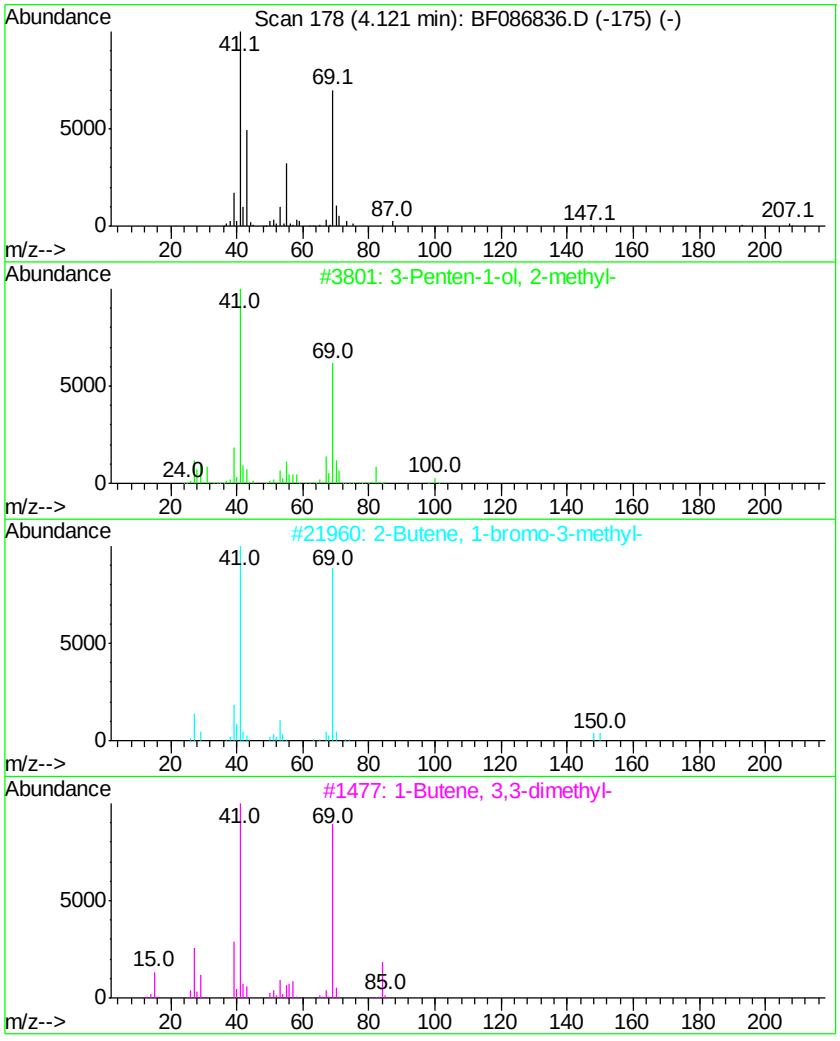
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

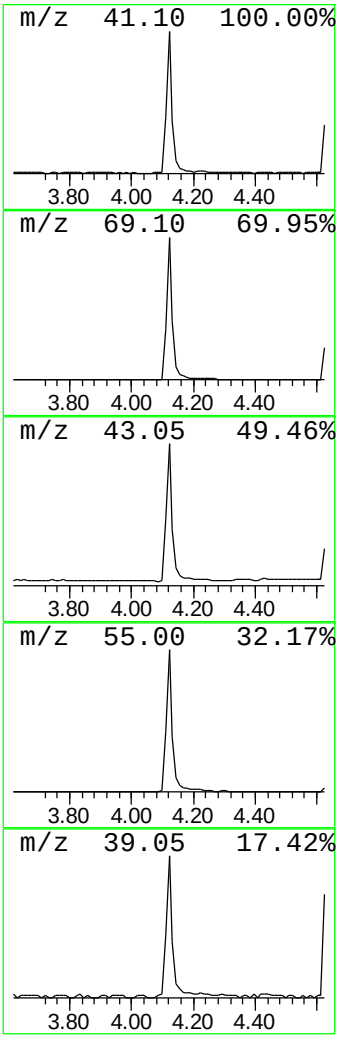
****

Peak Number 1 unknown4.12 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	9.43 ng	486274	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	39
2	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	38
3	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	36
4	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	25
5	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086836.D
Acq On : 9 May 2016 22:34
Operator : UM/SJ
Sample : H2895-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-3-6FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

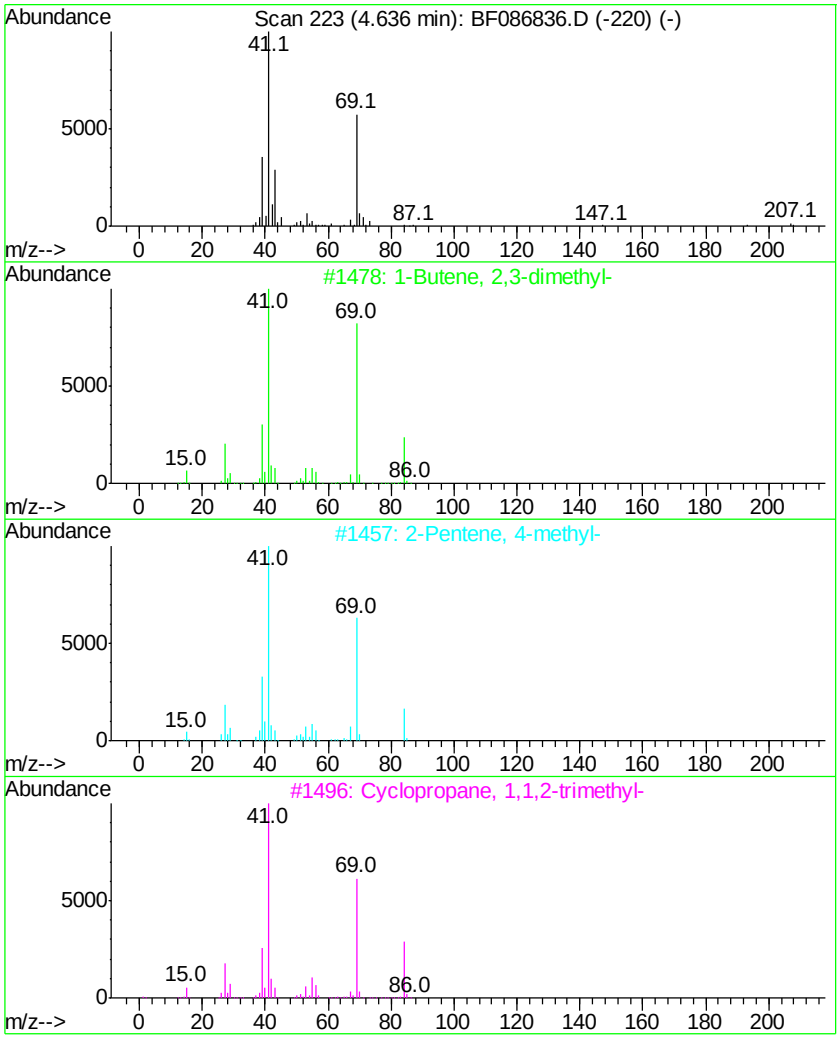
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

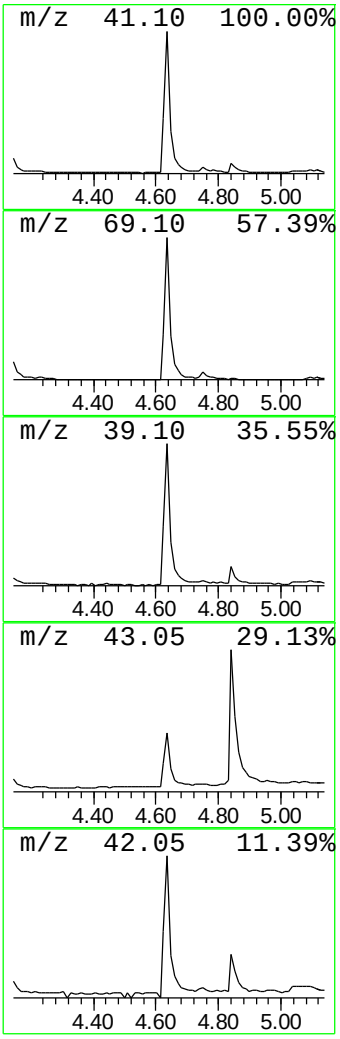
****

Peak Number 2 1-Butene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	6.98 ng	359938	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	59
2	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	38
3	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	36
4	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	36
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	36





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086836.D
Acq On : 9 May 2016 22:34
Operator : UM/SJ
Sample : H2895-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-3-6FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

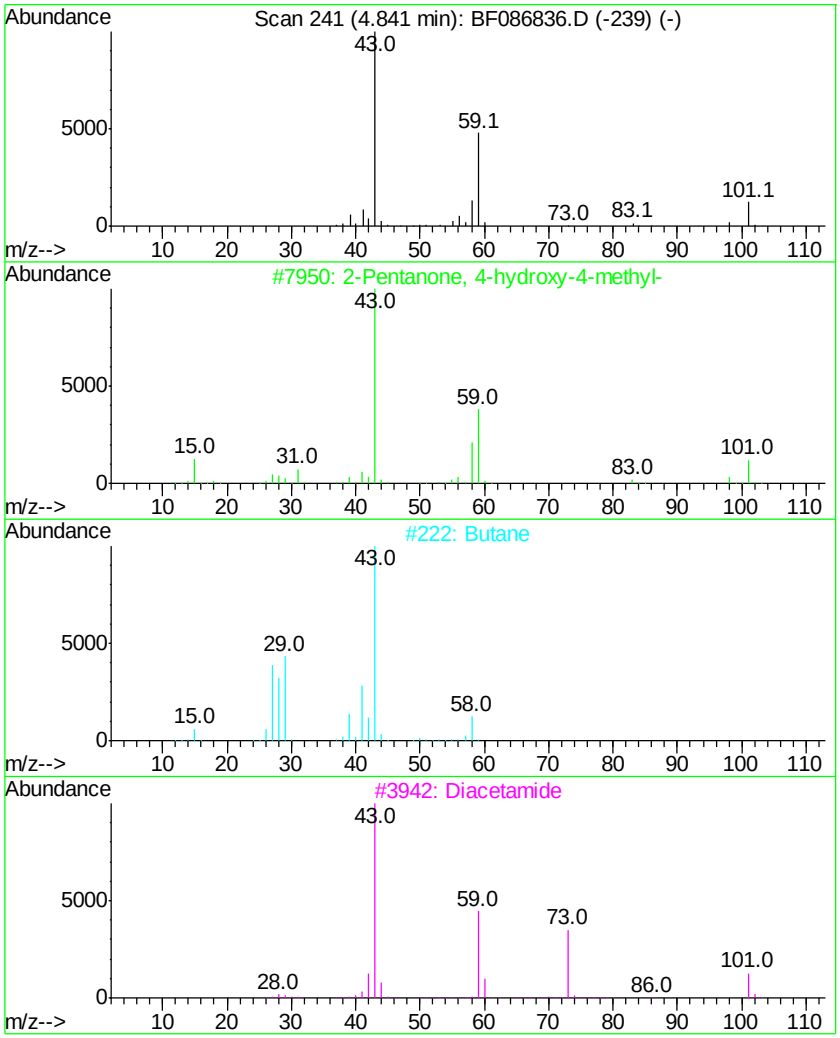
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

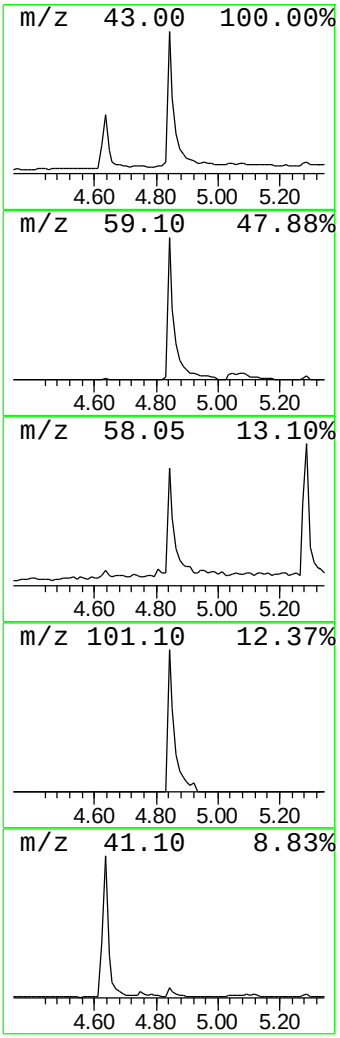
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	3.71 ng	191395	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Butane	58	C4H10	000106-97-8	9
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086836.D
Acq On : 9 May 2016 22:34
Operator : UM/SJ
Sample : H2895-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-3-6FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

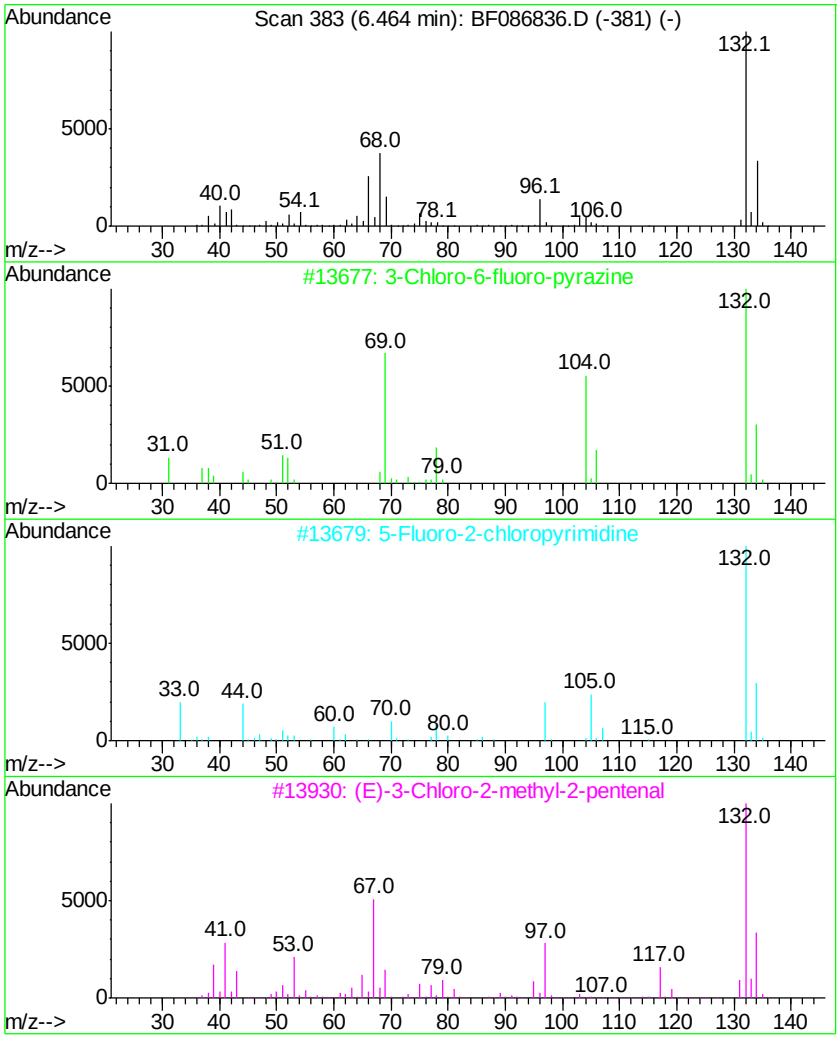
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

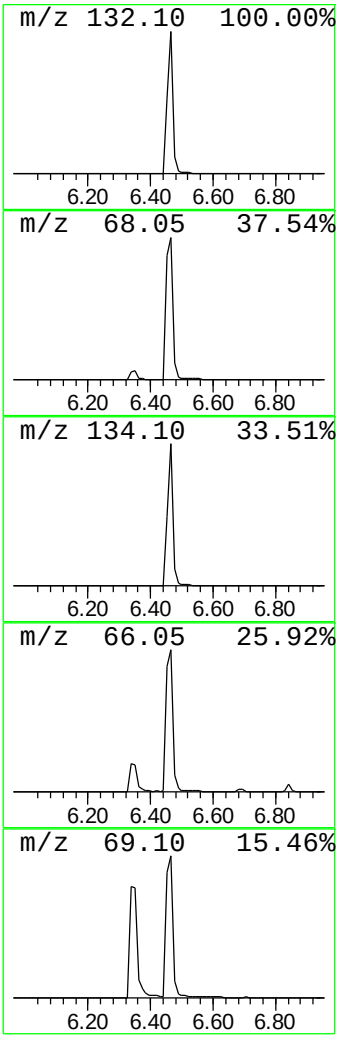
****

Peak Number 4 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	41.02 ng	2115240	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086836.D
Acq On : 9 May 2016 22:34
Operator : UM/SJ
Sample : H2895-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-3-6FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

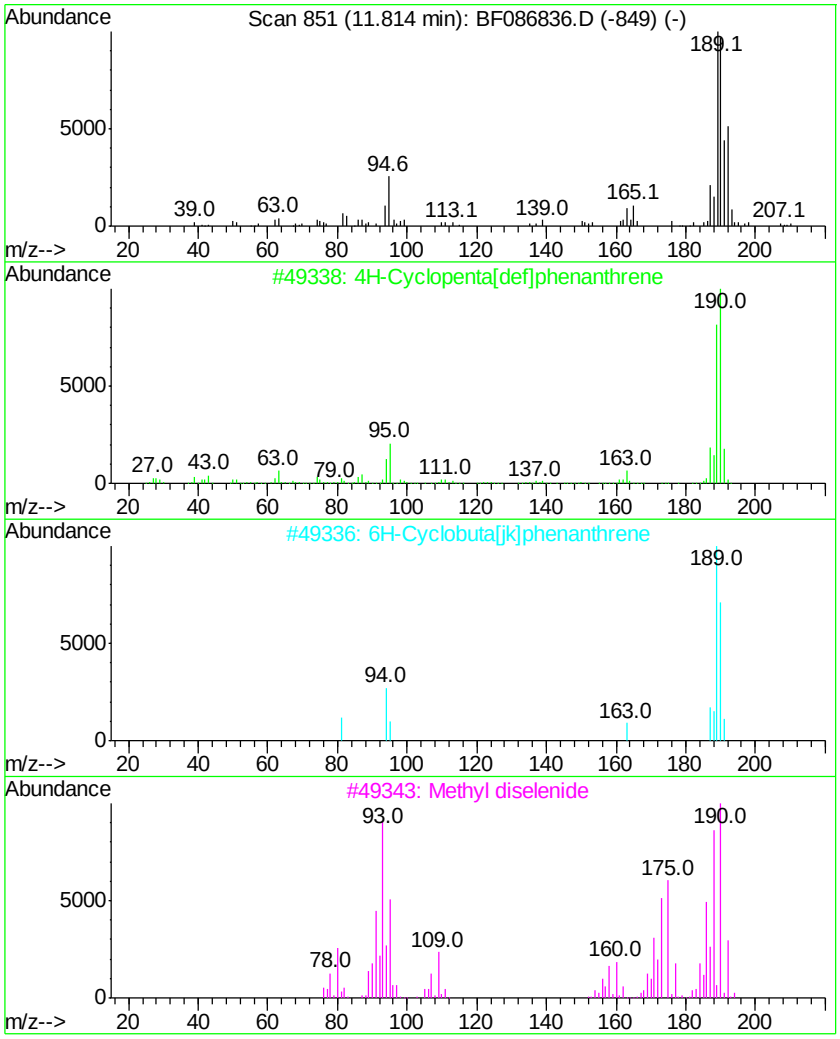
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

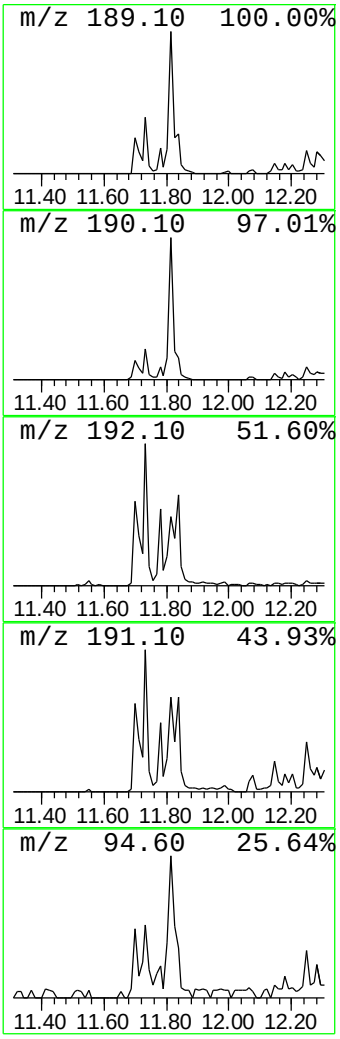
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	2.04 ng	227519	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Methyl diselenide	190	C2H6Se2	007101-31-7	41
4	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	18
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086836.D
Acq On : 9 May 2016 22:34
Operator : UM/SJ
Sample : H2895-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-3-6FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

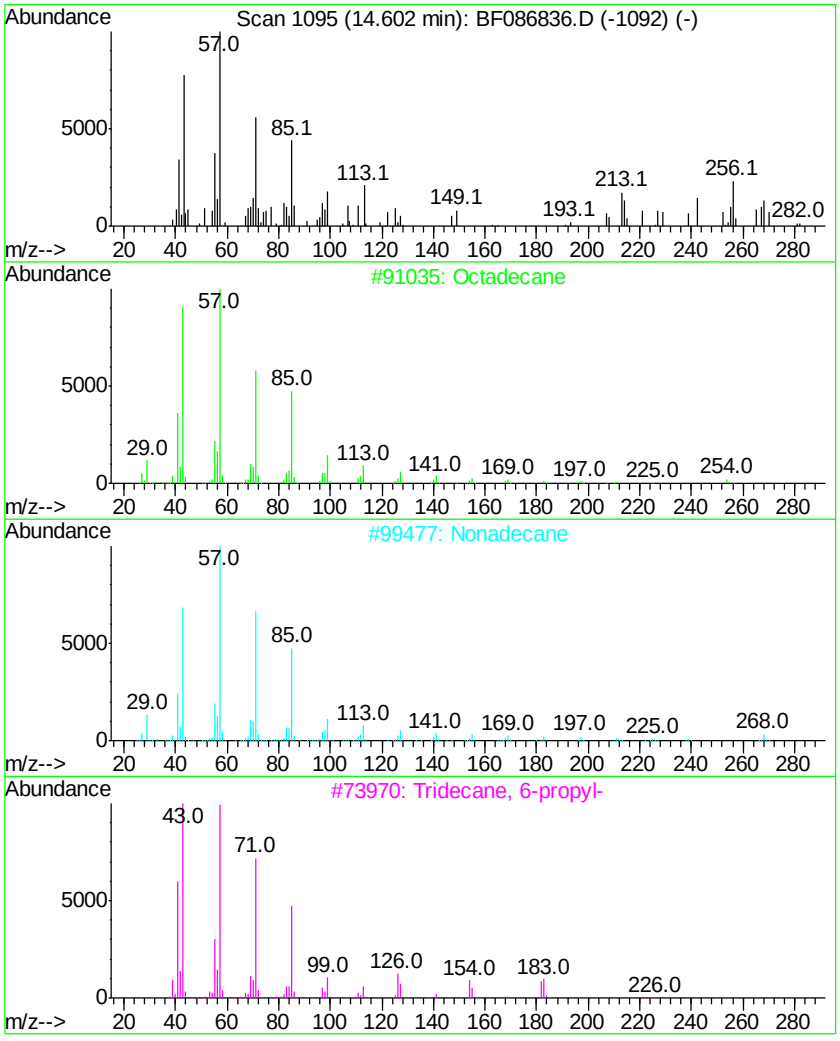
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

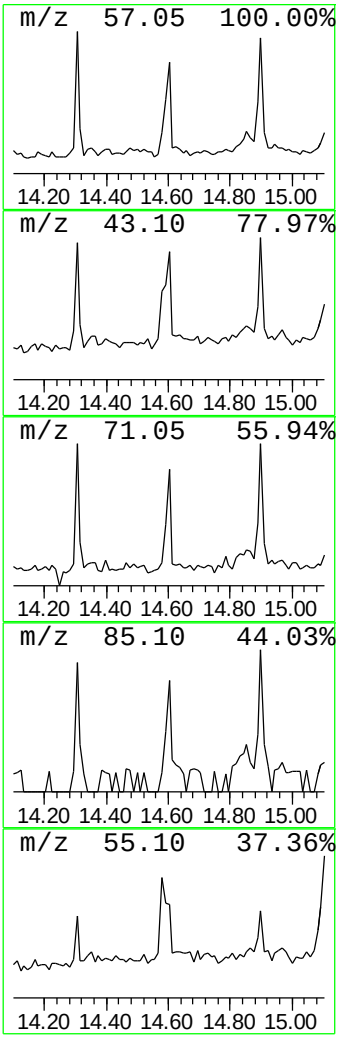
****

Peak Number 7 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.02 ng	84461	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	50
2	Nonadecane	268	C19H40	000629-92-5	49
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	45
4	Dodecane	170	C12H26	000112-40-3	38
5	Hexacosane	366	C26H54	000630-01-3	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086836.D
Acq On : 9 May 2016 22:34
Operator : UM/SJ
Sample : H2895-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-3-6FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

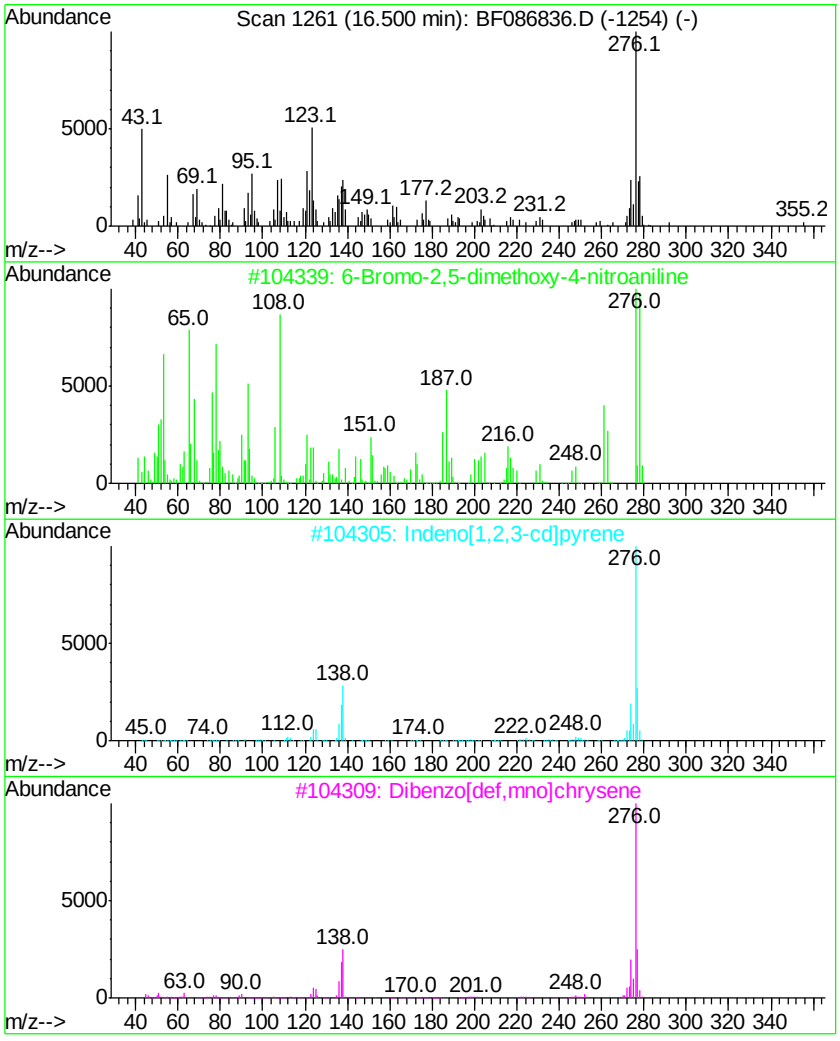
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

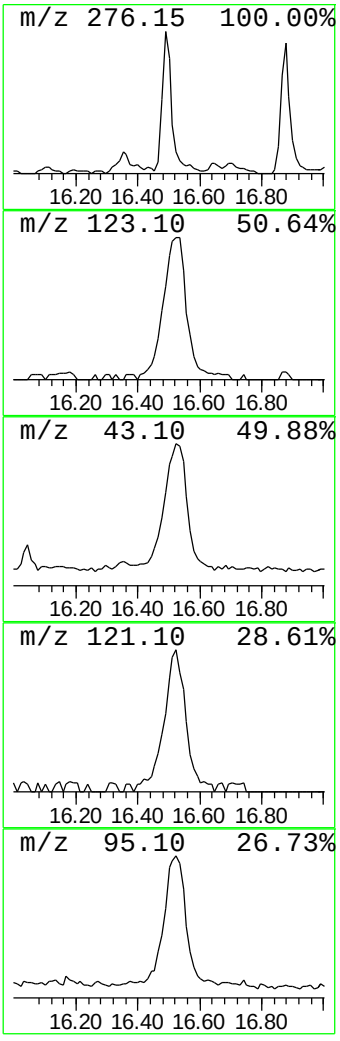
****

Peak Number 10 6-Bromo-2,5-dimethoxy-4-nit... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	18.91 ng	791318	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Bromo-2,5-dimethoxy-4-nitroani...	276	C8H9BrN2O4	1000214-34-8	95
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	83
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	60
5	Benzo[ghi]perylene	276	C22H12	000191-24-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
Data File : BF086836.D
Acq On : 9 May 2016 22:34
Operator : UM/SJ
Sample : H2895-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-3-6FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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
unknown4.12	4.12	9.4	ng	486274	1	6.69	1031350	20.0
1-Butene, 2,3-dim...	4.64	7.0	ng	359938	1	6.69	1031350	20.0
2-Pentanone, 4-hy...	4.84	3.7	ng	191395	1	6.69	1031350	20.0
unknown6.46	6.46	41.0	ng	2115240	1	6.69	1031350	20.0
4H-Cyclopenta[def...	11.81	2.0	ng	227519	4	11.21	2228280	20.0
Octadecane	14.60	2.0	ng	84461	6	15.21	836888	20.0
6-Bromo-2,5-dimet...	16.50	18.9	ng	791318	6	15.21	836888	20.0