LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078576.D
Acq On : 16 Apr 2015 20:17
Operator : TP/IZ
Sample : G1855-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB15B(5.5-6)

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-BF040115.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	1.450	21	23	29	rBV	60772	101562	11.33%	1.087%
2	1.530	29	30	48	rVB	327851	777114	86.69%	8.315%
3	4.284	269	271	278	rVB	39579	61979	6.91%	0.663%
4	4.924	324	327	334	rBV	386237	588835	65.69%	6.300%
5	6.307	446	448	454	rBV	586694	636091	70.96%	6.806%
6	6.410	454	457	459	rVV	484352	643077	71.74%	6.880%
7	6.502	461	465	467	rBV	10513	13945	1.56%	0.149%
8	6.536	467	468	470	rVB	9936	9043	1.01%	0.097%
9	6.650	475	478	480	rBV	99902	126320	14.09%	1.352%
10	6.684	480	481	484	rVB	97235	119993	13.39%	1.284%
11	6.799	489	491	493	rBV	62048	78467	8.75%	0.840%
12	6.879	495	498	500	rBV	422284	478781	53.41%	5.123%
13	7.279	531	533	537	rVB	14916	23089	2.58%	0.247%
14	7.393	541	543	546	rBV	356168	369781	41.25%	3.956%
15	8.273	617	620	622	rBV	194219	188046	20.98%	2.012%
16	9.473	721	725	732	rBV3	4912	11304	1.26%	0.121%
17	9.622	735	738	740	rVV	875228	775117	86.47%	8.293%
18	10.136	780	783	785	rBV	51011	49424	5.51%	0.529%
19	10.262	791	794	796	rBV2	8419	15598	1.74%	0.167%
20	10.319	796	799	800	rVB	7580	9984	1.11%	0.107%
21	10.422	806	808	810	rBV	212086	225238	25.13%	2.410%
22	10.468	810	812	815	rVB2	8049	10828	1.21%	0.116%
23	10.731	833	835	838	rBV	13503	24497	2.73%	0.262%
24	11.039	861	862	865	rVB	10539	12692	1.42%	0.136%
25	11.096	865	867	869	rBV	11861	12215	1.36%	0.131%
26	11.394	891	893	896	rBV2	389108	515802	57.54%	5.519%
27	11.622	911	913	917	rBV	10283	21615	2.41%	0.231%
28	12.182	960	962	965	rBV	9052	11240	1.25%	0.120%
29	12.239	965	967	972	rVB2	208671	322758	36.01%	3.453%
30	12.331	973	975	977	rBV	21392	26038	2.90%	0.279%
31	12.434	982	984	989	rVB	15632	20401	2.28%	0.218%
32	12.559	993	995	997	rBV3	11929	20470	2.28%	0.219%
33	12.868	1020	1022	1024	rBV	11419	15886	1.77%	0.170%
34	12.902	1024	1025	1028	rVB	16277	16619	1.85%	0.178%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078576.D
Acq On : 16 Apr 2015 20:17
Operator : TP/IZ
Sample : G1855-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB15B(5.5-6)

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-BF040115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.959	1028	1030	1032	rBV	10501	14761	1.65%	0.158%
36	13.017	1032	1035	1039	rVB3	18458	56399	6.29%	0.603%
37	13.085	1039	1041	1042	rBV	6057	9922	1.11%	0.106%
38	13.245	1054	1055	1059	rBV3	8789	23232	2.59%	0.249%
39	13.737	1096	1098	1100	rBV	103094	132033	14.73%	1.413%
40	13.782	1100	1102	1104	rVB	66818	90011	10.04%	0.963%
41	13.999	1119	1121	1123	rBV	119719	142439	15.89%	1.524%
42	14.114	1129	1131	1134	rBV	236571	337802	37.68%	3.614%
43	14.171	1134	1136	1139	rVV2	8588	16210	1.81%	0.173%
44	14.240	1139	1142	1144	rVV	738864	896393	100.00%	9.591%
45	14.388	1153	1155	1156	rBV	14546	22535	2.51%	0.241%
46	15.440	1244	1247	1250	rBV	116836	221610	24.72%	2.371%
47	15.497	1250	1252	1254	rBV2	259170	358085	39.95%	3.831%
48	15.691	1266	1269	1271	rBV3	43506	87926	9.81%	0.941%
49	16.800	1364	1366	1370	rBV	59593	129186	14.41%	1.382%
50	17.188	1398	1400	1402	rVB	63422	77578	8.65%	0.830%
51	17.257	1403	1406	1411	rBV	209857	396457	44.23%	4.242%

Sum of corrected areas: 9346428

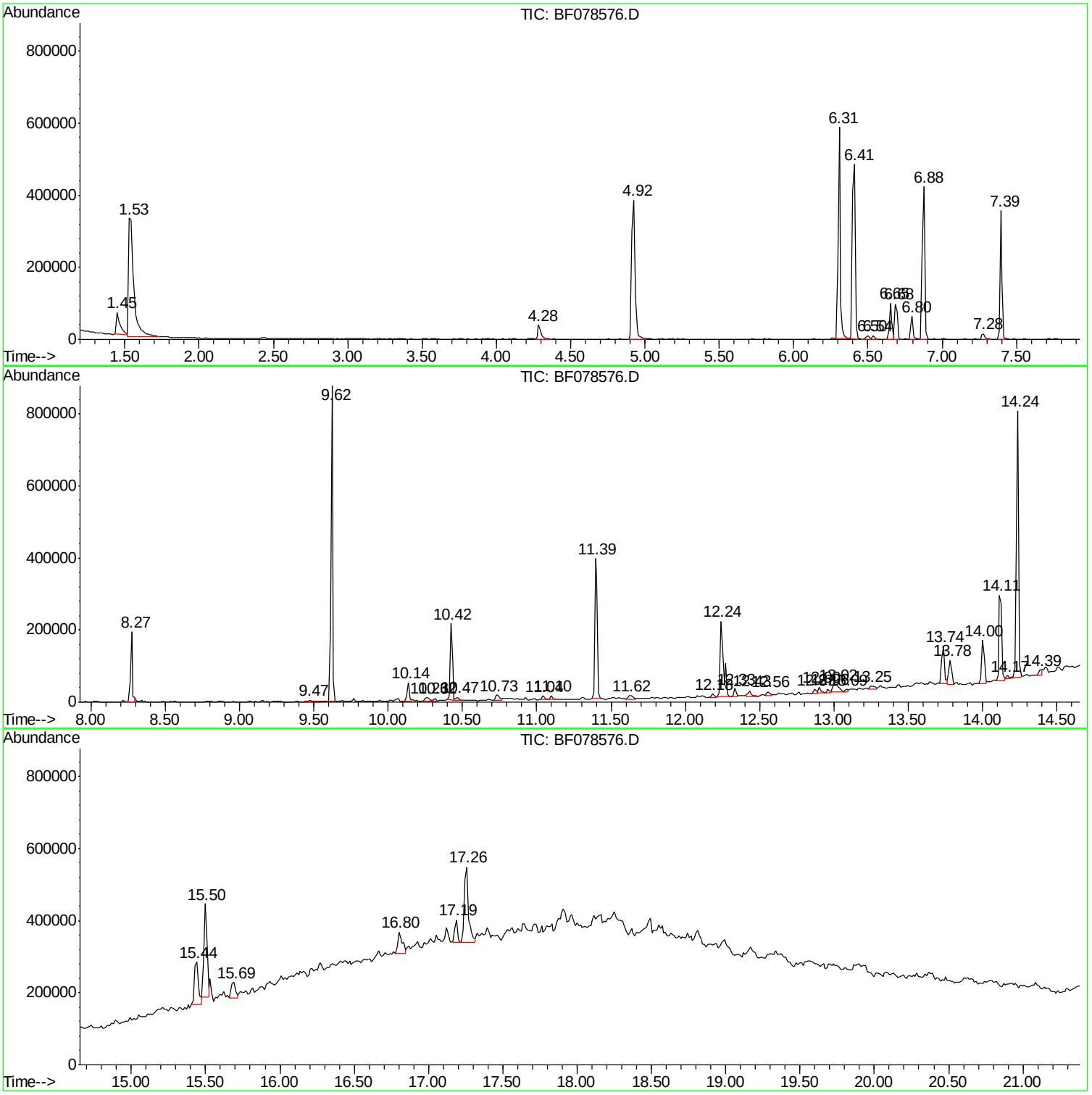
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078576.D
Acq On : 16 Apr 2015 20:17
Operator : TP/IZ
Sample : G1855-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB15B(5.5-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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\BF041615\
Data File : BF078576.D
Acq On : 16 Apr 2015 20:17
Operator : TP/IZ
Sample : G1855-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB15B(5.5-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

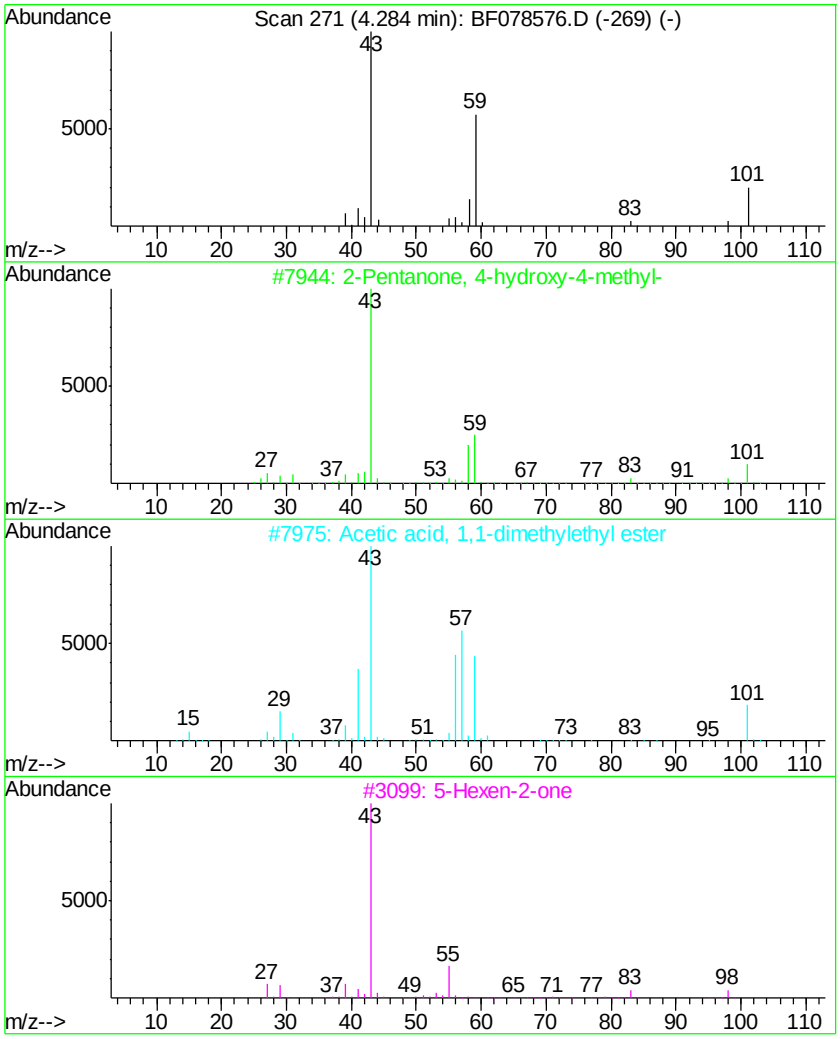
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

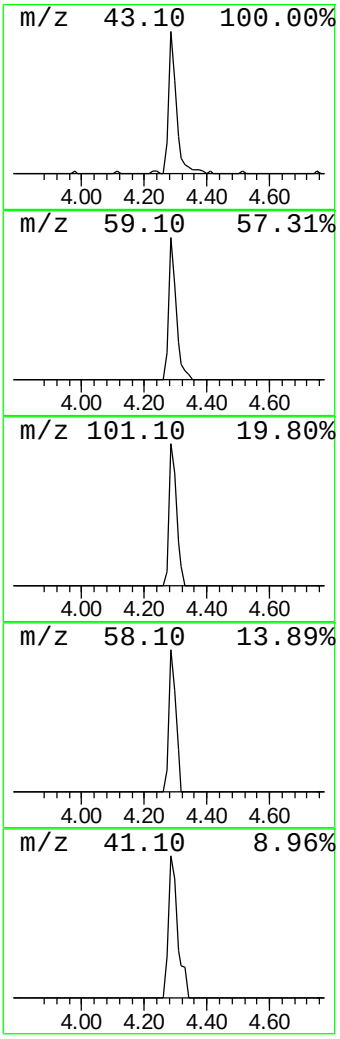
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	10.33 ng	61979	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078576.D
Acq On : 16 Apr 2015 20:17
Operator : TP/IZ
Sample : G1855-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB15B(5.5-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

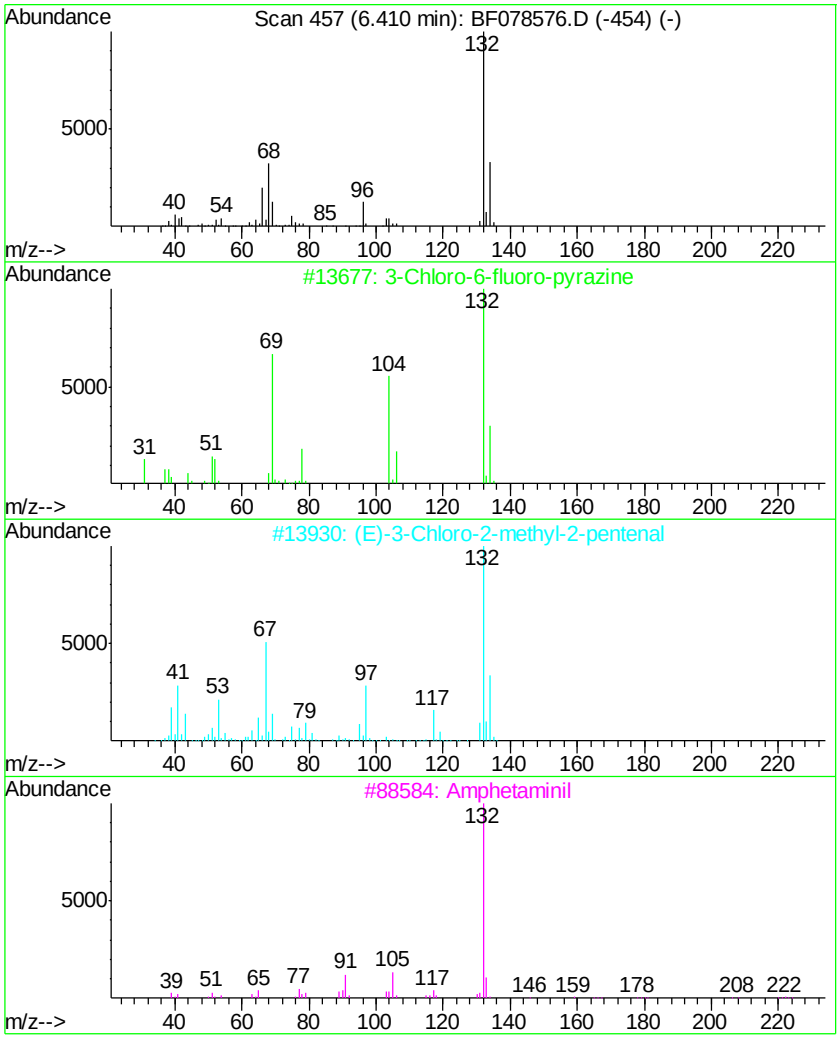
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

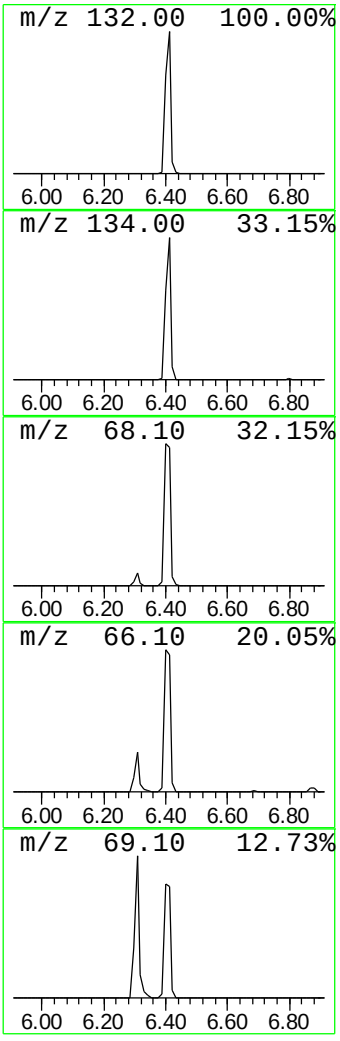
****

Peak Number 4 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	107.19 ng	643077	1,4-Dichlorobenzene-d4	6.68

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	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078576.D
Acq On : 16 Apr 2015 20:17
Operator : TP/IZ
Sample : G1855-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB15B(5.5-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

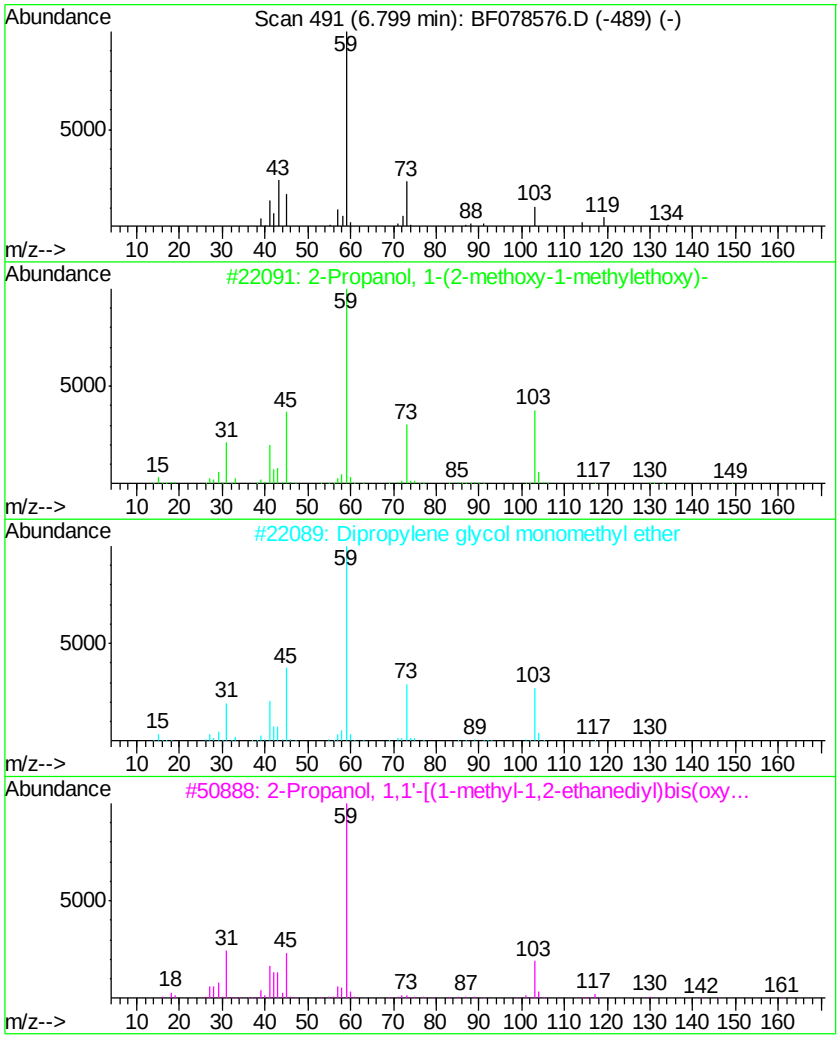
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

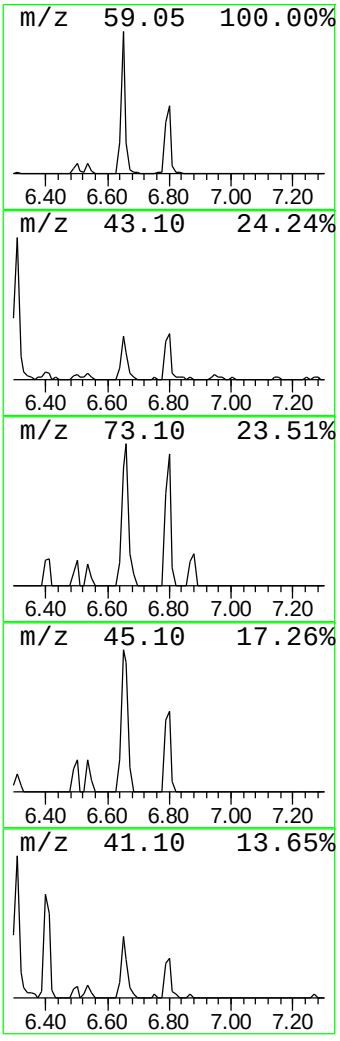
****

Peak Number 6 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	13.08 ng	78467	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	64
2	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	64
3	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	59
4	Butane, 2-methoxy-	88	C5H12O	006795-87-5	59
5	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	40





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078576.D
Acq On : 16 Apr 2015 20:17
Operator : TP/IZ
Sample : G1855-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB15B(5.5-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

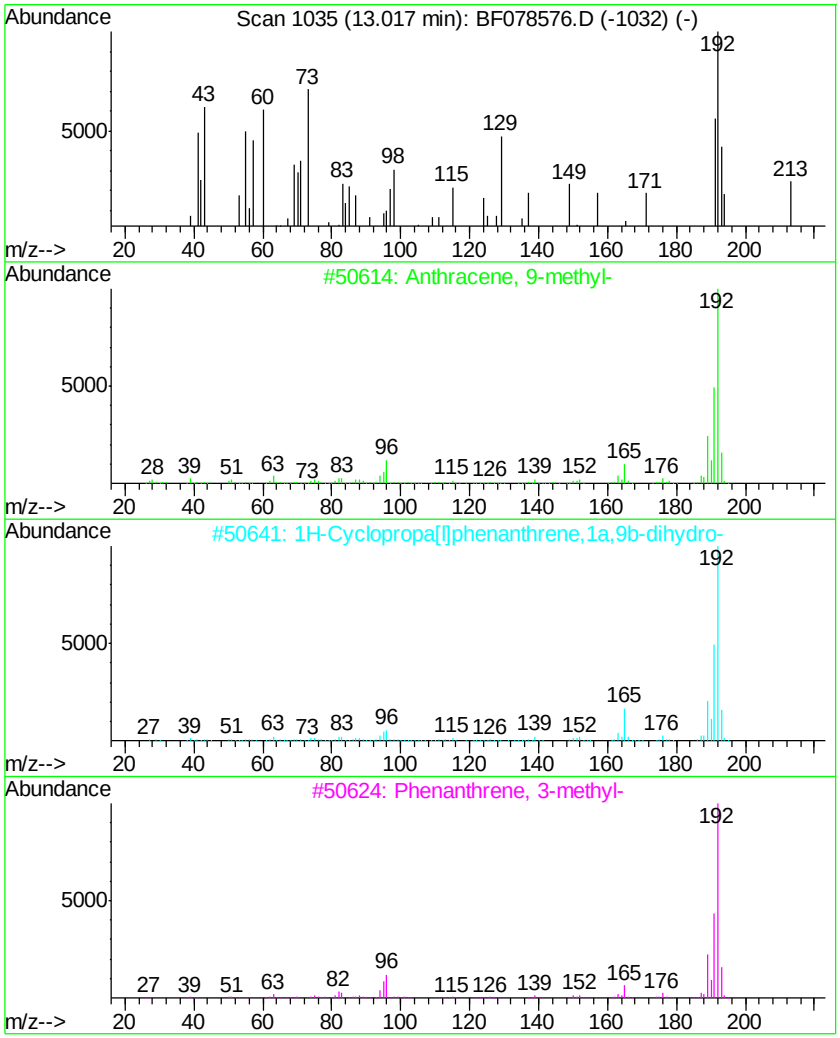
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

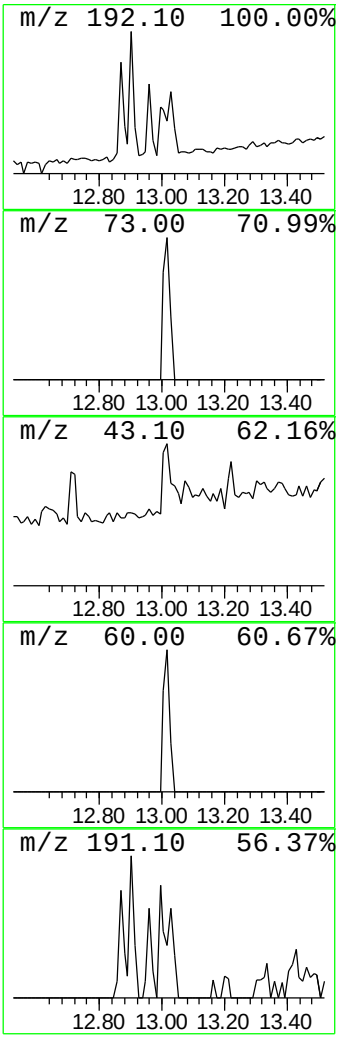
****

Peak Number 9 unknown13.02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.49 ng	56399	Phenanthrene-d10	12.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	30
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	30
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	30
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	27
5	Dodecahydropyrido[1,2-b]isoquino...	193	C13H23N	113039-29-5	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078576.D
Acq On : 16 Apr 2015 20:17
Operator : TP/IZ
Sample : G1855-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB15B(5.5-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

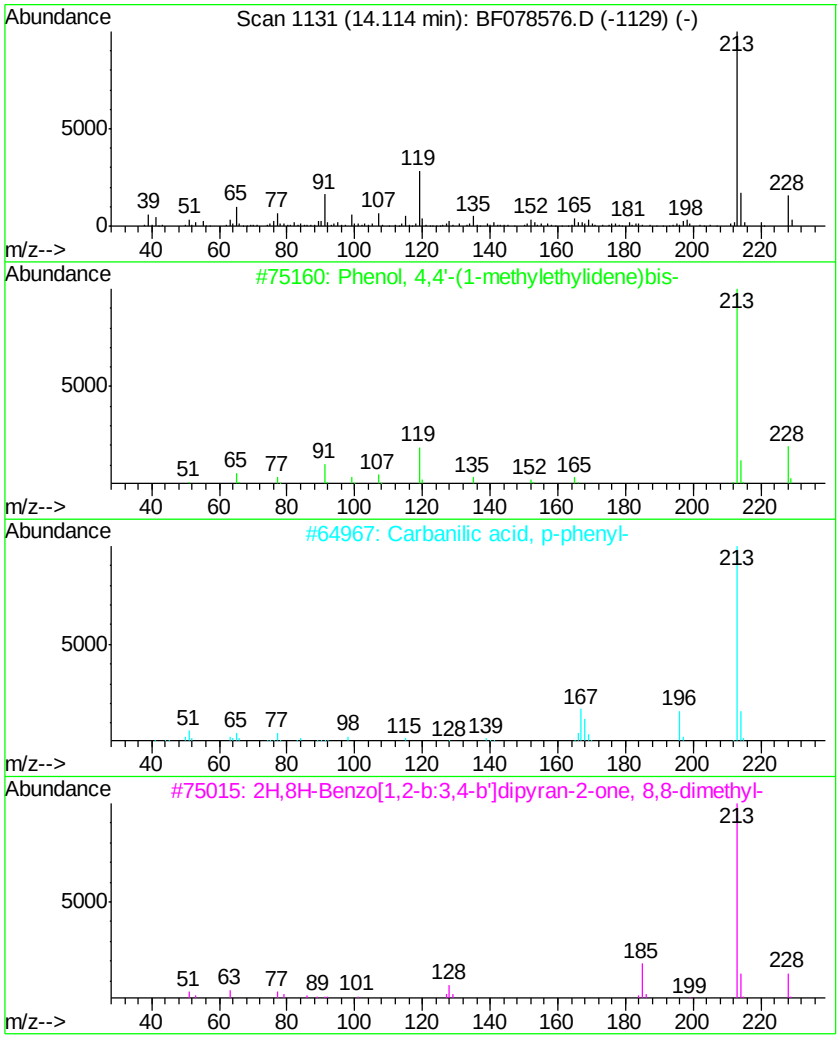
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

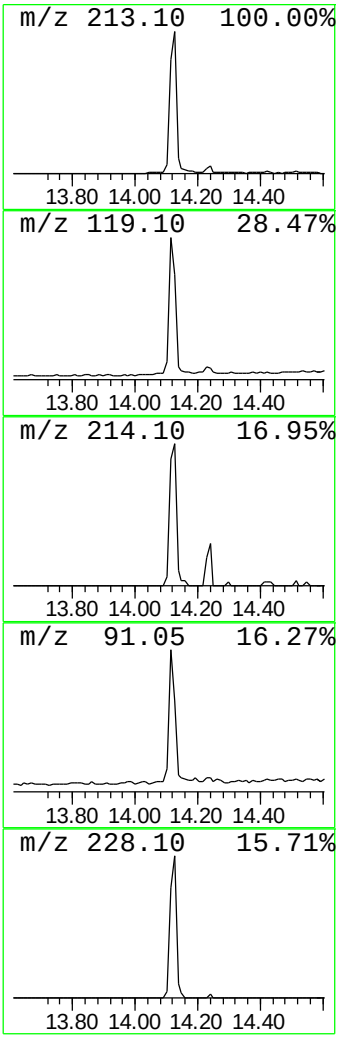
****

Peak Number 10 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	18.87 ng	337802	Chrysene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	58
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53
4	Decanedioic acid, diethyl ester	258	C14H26O4	000110-40-7	50
5	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078576.D
Acq On : 16 Apr 2015 20:17
Operator : TP/IZ
Sample : G1855-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB15B(5.5-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

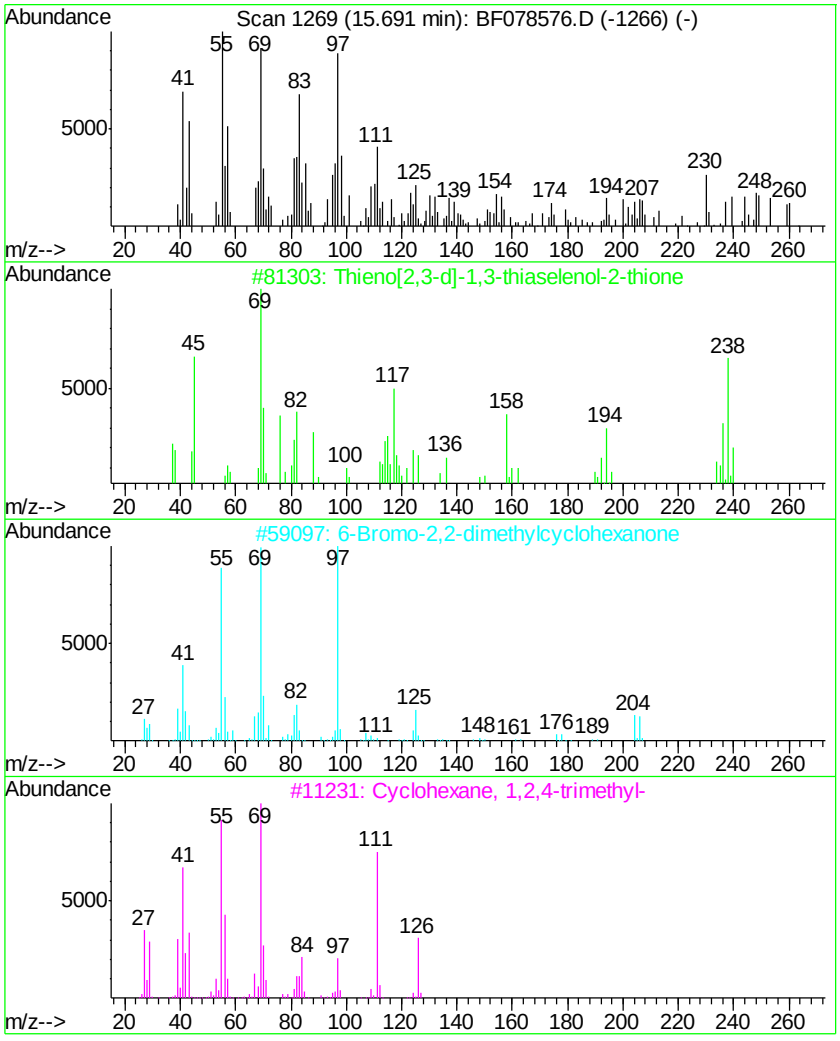
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

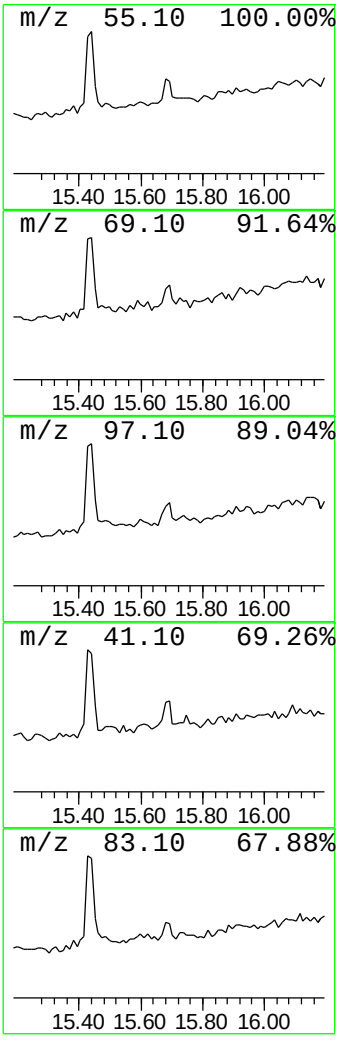
****

Peak Number 11 Thieno[2,3-d]-1,3-thiaselen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	4.91 ng	87926	Chrysene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	60
2	6-Bromo-2,2-dimethylcyclohexanone	204	C8H13BrO	021690-26-6	60
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
4	1-Cyclohexyl-1-(4-methylcyclohex...	208	C15H28	002027-12-5	30
5	1-Eicosanol	298	C20H42O	000629-96-9	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078576.D
Acq On : 16 Apr 2015 20:17
Operator : TP/IZ
Sample : G1855-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB15B(5.5-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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
2-Pentanone, 4-hy...	4.28	10.3	ng	61979	1	6.68	119993	20.0
unknown6.41	6.41	107.2	ng	643077	1	6.68	119993	20.0
2-Propanol, 1-(2-...	6.80	13.1	ng	78467	1	6.68	119993	20.0
unknown13.02	13.02	3.5	ng	56399	4	12.24	322758	20.0
Phenol, 4,4'-(1-m...	14.11	18.9	ng	337802	5	15.50	358085	20.0
Thieno[2,3-d]-1,3...	15.69	4.9	ng	87926	5	15.50	358085	20.0