LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093441.D
Acq On : 8 Mar 2017 21:07
Operator : SJ/MA
Sample : I2126-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AAZ-6-7-WSW

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-BF030717.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	1.933	3	4	18	rVB	55224	130150	4.05%	0.375%
2	3.579	144	148	156	rBV	56349	131884	4.10%	0.380%
3	4.904	262	264	279	rBV	386591	601105	18.70%	1.733%
4	5.350	301	303	318	rBV	2339280	2933321	91.26%	8.459%
5	6.413	393	396	404	rBV	2676827	3214289	100.00%	9.269%
6	6.527	404	406	409	rVV	2865312	2847570	88.59%	8.211%
7	6.756	424	426	429	rBV	946543	1115801	34.71%	3.218%
8	6.916	438	440	452	rBV	2349156	2168629	67.47%	6.254%
9	7.339	475	477	479	rBV	1585123	1867276	58.09%	5.385%
10	7.762	510	514	516	rBV	18210	42470	1.32%	0.122%
11	7.876	522	524	533	rVB	21163	50873	1.58%	0.147%
12	8.048	537	539	542	rVV	1521765	1486677	46.25%	4.287%
13	8.116	543	545	551	rVB3	11819	33220	1.03%	0.096%
14	8.642	589	591	593	rBV	39947	34400	1.07%	0.099%
15	9.122	631	633	636	rBV	2388503	2765388	86.03%	7.974%
16	9.202	638	640	643	rVB	44331	55677	1.73%	0.161%
17	9.465	660	663	665	rBV2	31321	45059	1.40%	0.130%
18	9.522	667	668	671	rBV	371682	497224	15.47%	1.434%
19	9.739	685	687	690	rBV2	75301	146324	4.55%	0.422%
20	9.796	690	692	695	rVB	1113496	1568762	48.81%	4.524%
21	10.013	708	711	713	rBV3	14856	32212	1.00%	0.093%
22	10.048	713	714	716	rVB2	30709	37782	1.18%	0.109%
23	10.208	726	728	729	rBV	23848	38255	1.19%	0.110%
24	10.231	729	730	732	rVB	159452	124224	3.86%	0.358%
25	10.448	747	749	752	rBV	64536	90327	2.81%	0.260%
26	10.596	760	762	768	rBV	1564531	1787221	55.60%	5.154%
27	10.699	770	771	776	rVB	152515	231373	7.20%	0.667%
28	10.894	786	788	790	rBV2	22062	33098	1.03%	0.095%
29	11.145	808	810	812	rBV	88221	112137	3.49%	0.323%
30	11.179	812	813	816	rVB	62715	56598	1.76%	0.163%
31	11.282	820	822	825	rBV	1221700	1632510	50.79%	4.708%
32	11.579	846	848	850	rVB	50642	52358	1.63%	0.151%
33	11.819	867	869	873	rBV2	32525	40474	1.26%	0.117%
34	11.979	881	883	885	rVB	29829	32460	1.01%	0.094%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093441.D
Acq On : 8 Mar 2017 21:07
Operator : SJ/MA
Sample : I2126-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AAZ-6-7-WSW

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-BF030717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.128	894	896	899	rBV	364298	327338	10.18%	0.944%
36	12.219	902	904	907	rBV	672792	620525	19.31%	1.789%
37	12.528	929	931	934	rVB	673776	750011	23.33%	2.163%
38	12.871	958	961	963	rBV	2826601	2613737	81.32%	7.537%
39	13.202	988	990	995	rVB2	96292	128783	4.01%	0.371%
40	13.762	1037	1039	1047	rBV	172164	331897	10.33%	0.957%
41	13.922	1051	1053	1056	rVV	1085171	1516113	47.17%	4.372%
42	14.208	1075	1078	1090	rBV2	125093	662105	20.60%	1.909%
43	14.745	1123	1125	1128	rVB	62327	64312	2.00%	0.185%
44	14.985	1144	1146	1148	rBV	29087	38093	1.19%	0.110%
45	15.340	1174	1177	1187	rVB	935904	1287696	40.06%	3.713%
46	15.728	1208	1211	1214	rBV	45458	65836	2.05%	0.190%
47	16.186	1247	1251	1255	rVB2	35569	69498	2.16%	0.200%
48	16.711	1294	1297	1301	rVB	21381	44881	1.40%	0.129%
49	17.191	1336	1339	1343	rVB6	17721	38772	1.21%	0.112%
50	17.340	1349	1352	1357	rVB4	17215	46619	1.45%	0.134%
51	18.071	1414	1416	1422	rVB7	12900	35147	1.09%	0.101%

Sum of corrected areas: 34678491

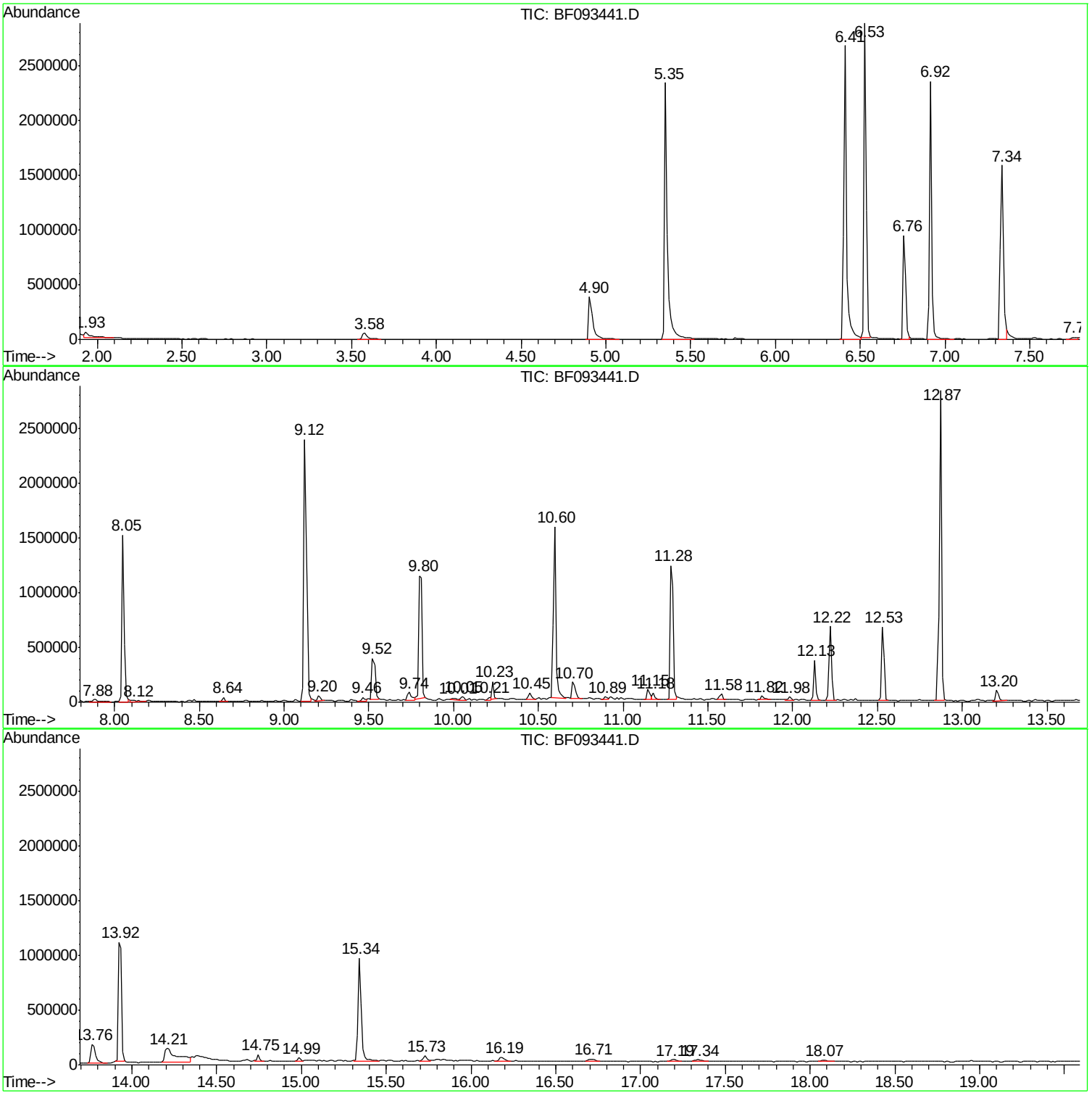
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093441.D
Acq On : 8 Mar 2017 21:07
Operator : SJ/MA
Sample : I2126-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AAZ-6-7-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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\BF030817\
Data File : BF093441.D
Acq On : 8 Mar 2017 21:07
Operator : SJ/MA
Sample : I2126-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AAZ-6-7-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

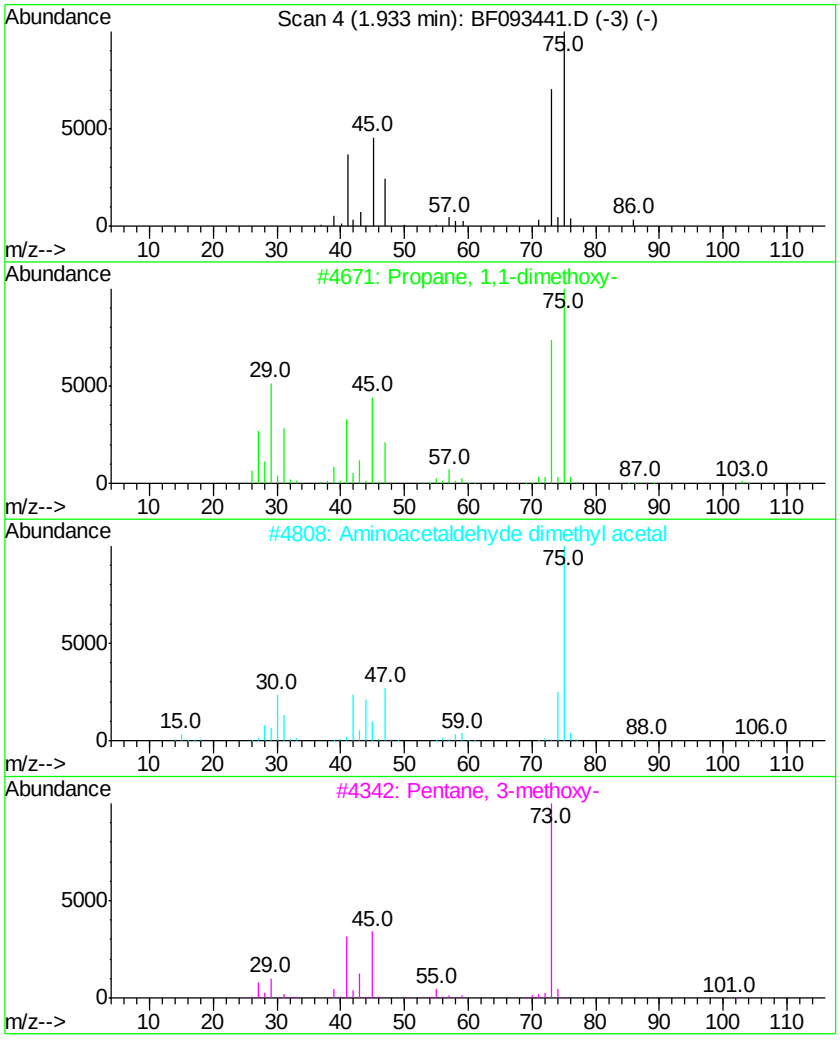
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

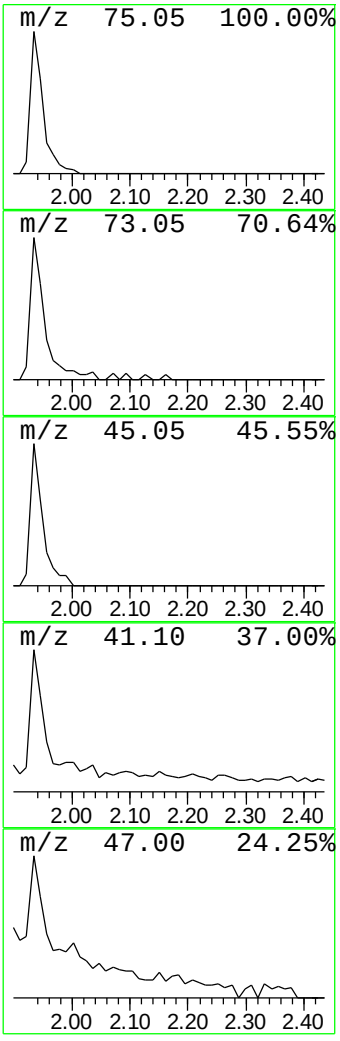
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.93	2.33 ng	130150	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	28
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	7
5	Glycine	75	C2H5NO2	000056-40-6	7





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093441.D
Acq On : 8 Mar 2017 21:07
Operator : SJ/MA
Sample : I2126-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AAZ-6-7-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

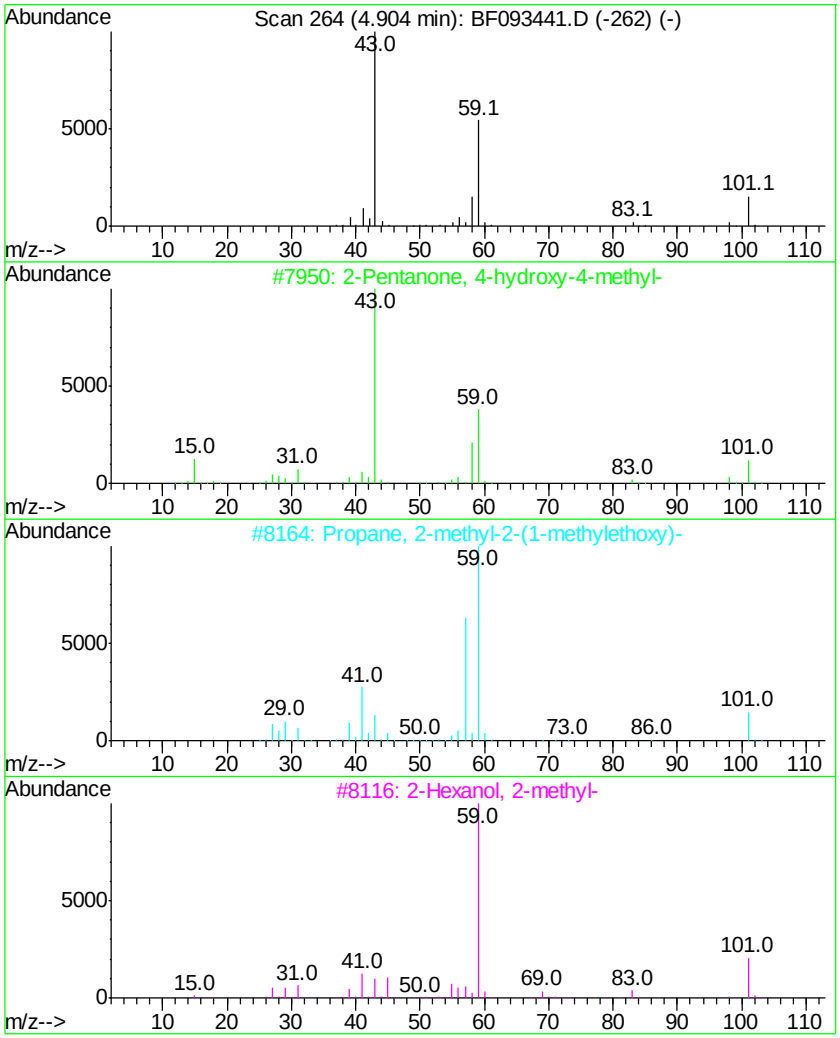
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

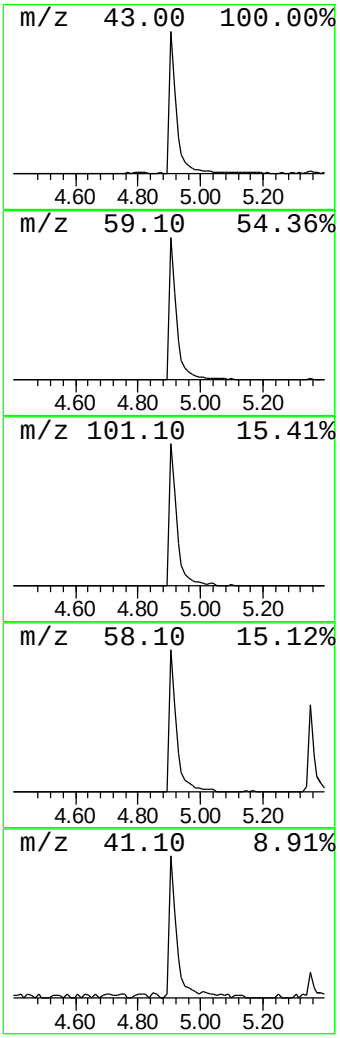
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	10.77 ng	601105	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	3-Hexanol	102	C6H14O	000623-37-0	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093441.D
Acq On : 8 Mar 2017 21:07
Operator : SJ/MA
Sample : I2126-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AAZ-6-7-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

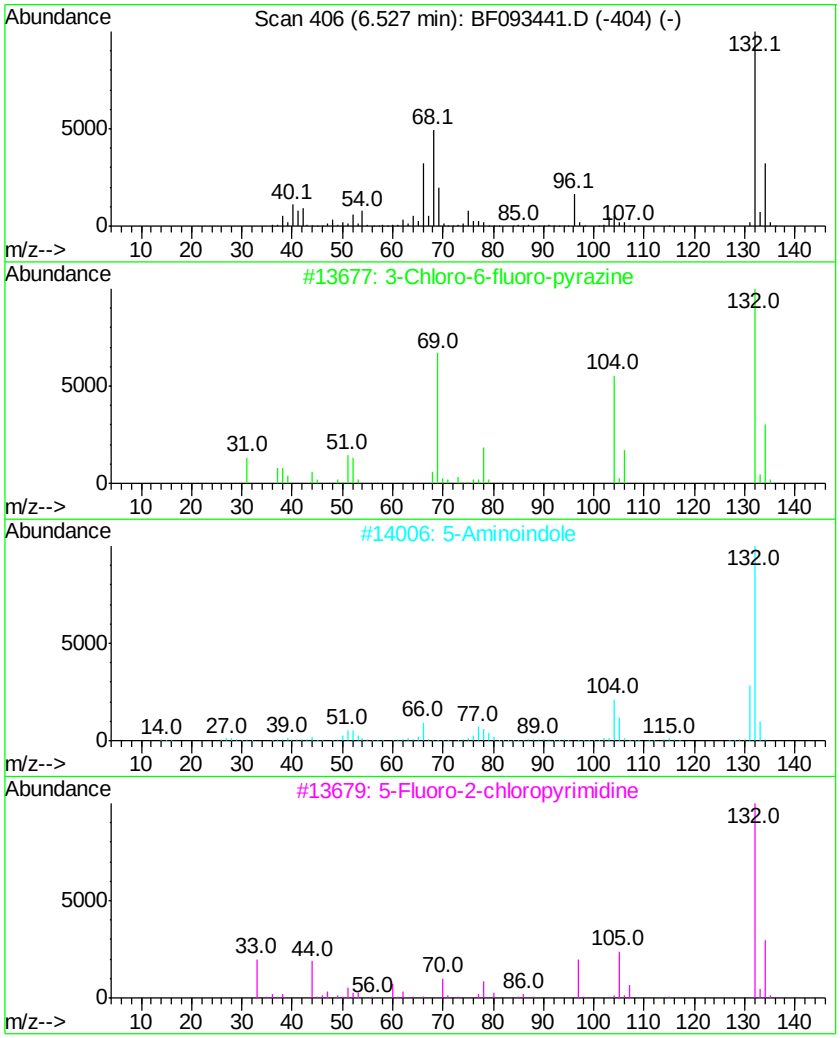
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

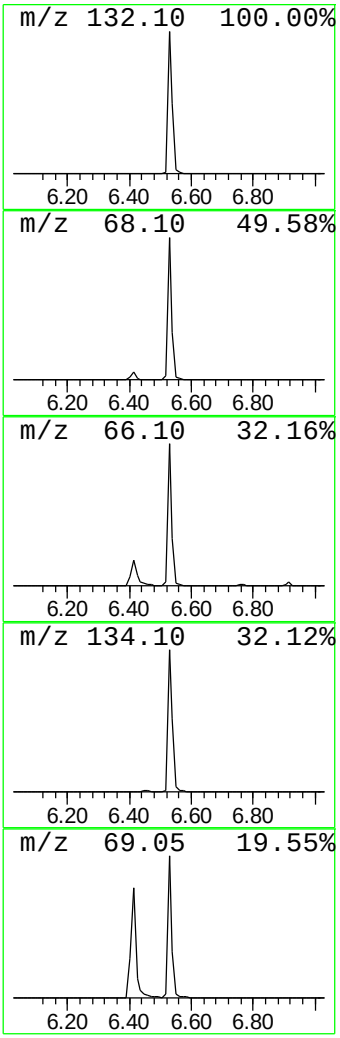
****

Peak Number 4 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	51.04 ng	2847570	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093441.D
Acq On : 8 Mar 2017 21:07
Operator : SJ/MA
Sample : I2126-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AAZ-6-7-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

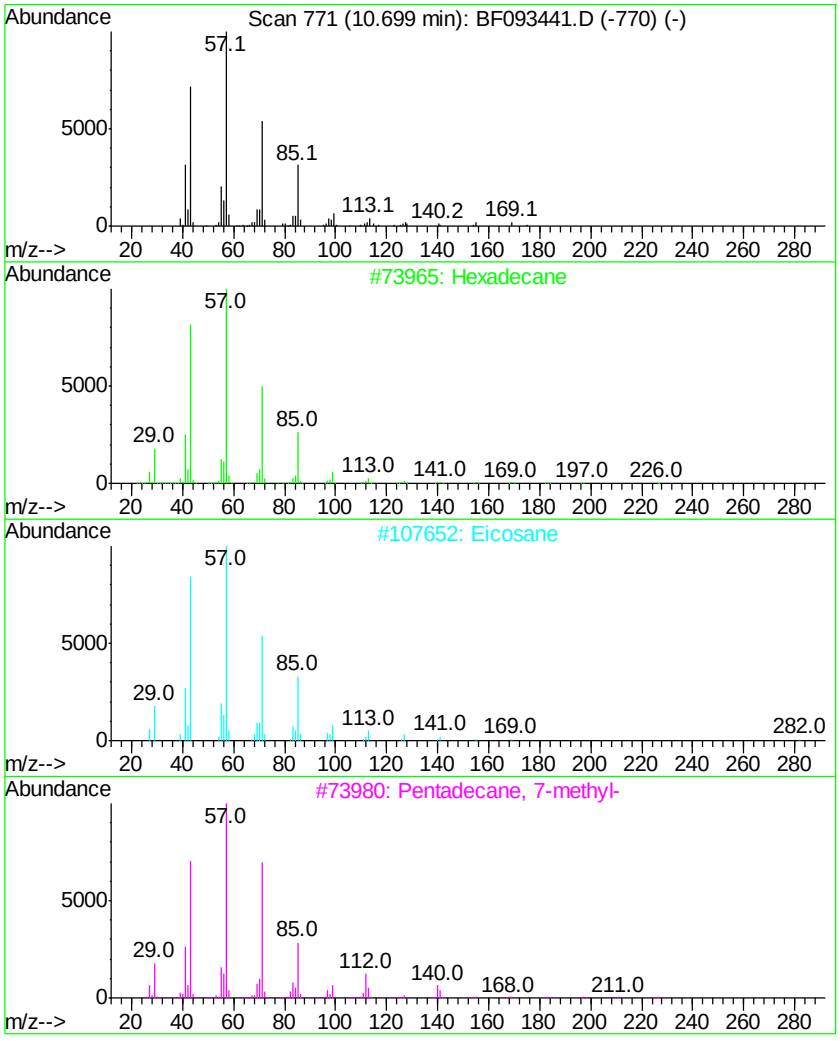
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

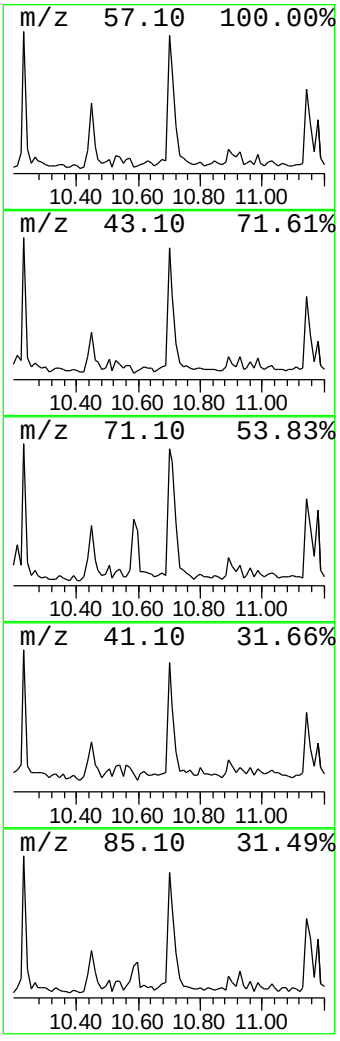
****

Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.83 ng	231373	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093441.D
Acq On : 8 Mar 2017 21:07
Operator : SJ/MA
Sample : I2126-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AAZ-6-7-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

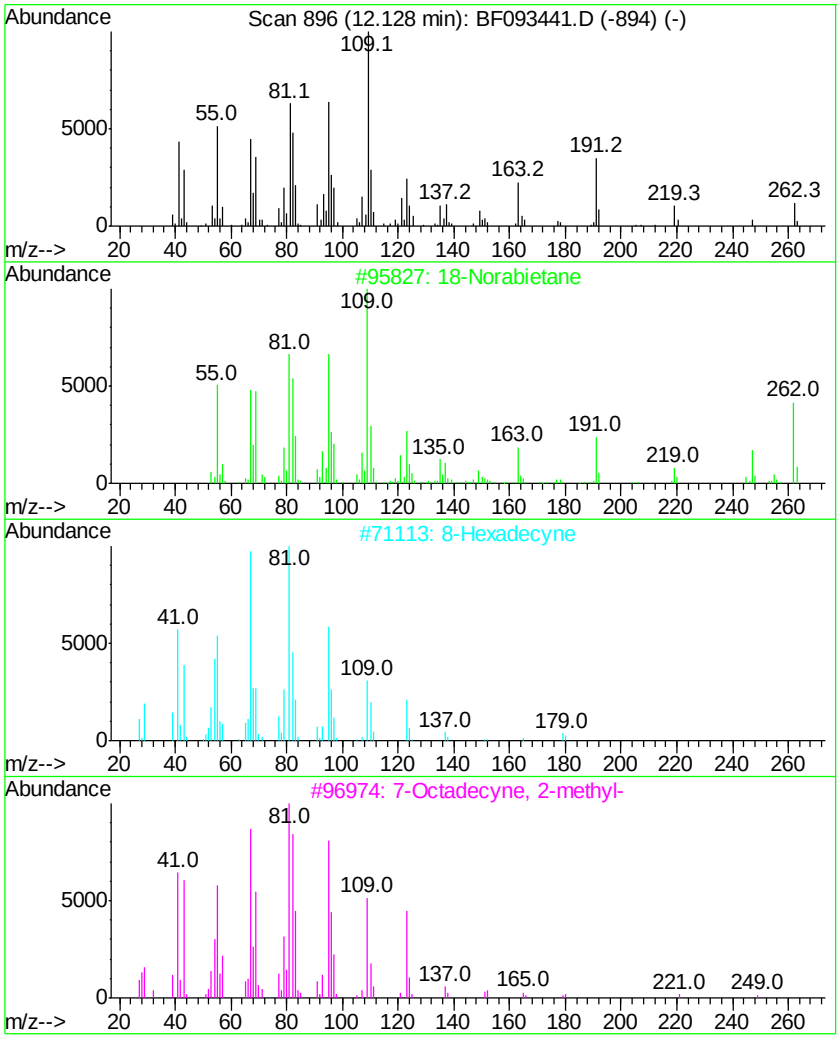
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

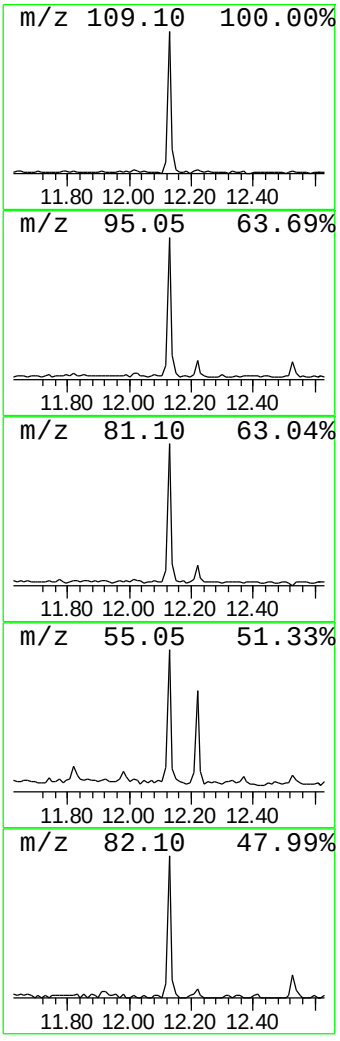
****

Peak Number 7 18-Norabietane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	4.01 ng	327338	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	95
2	8-Hexadecyne	222	C16H30	019781-86-3	38
3	7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	35
4	3,4-Pyridinediamine	109	C5H7N3	000054-96-6	35
5	2-n-Octylfuran	180	C12H20O	004179-38-8	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093441.D
Acq On : 8 Mar 2017 21:07
Operator : SJ/MA
Sample : I2126-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AAZ-6-7-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

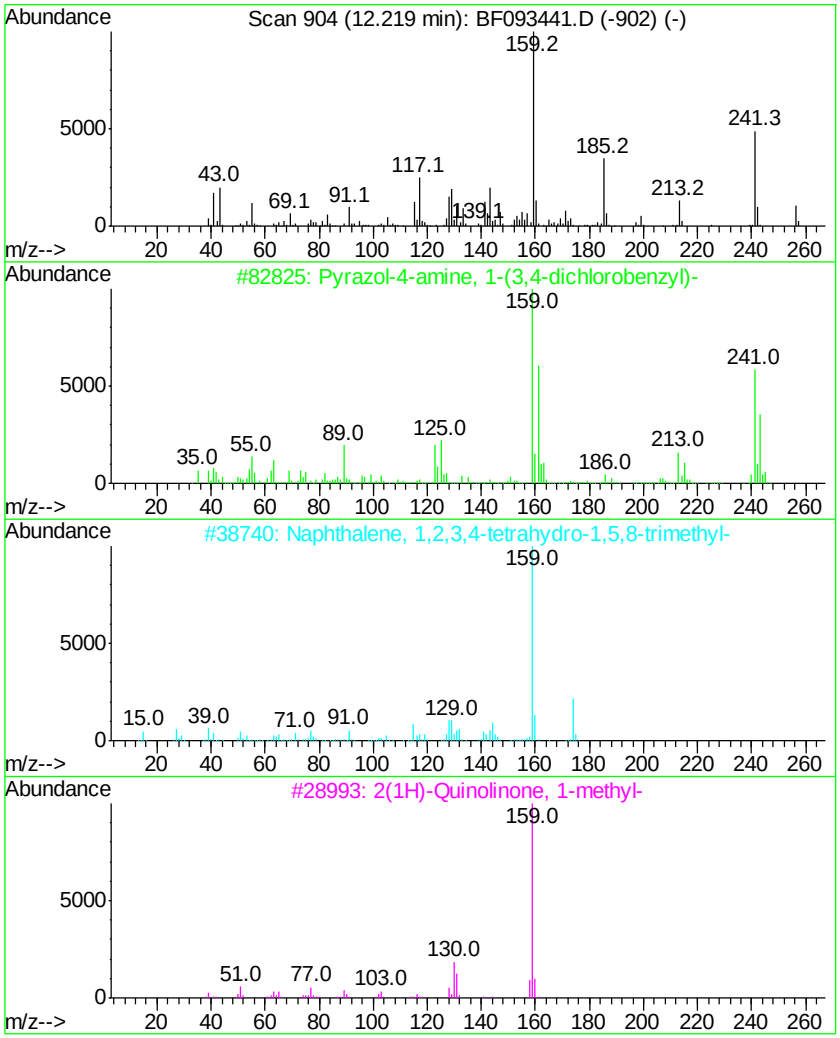
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

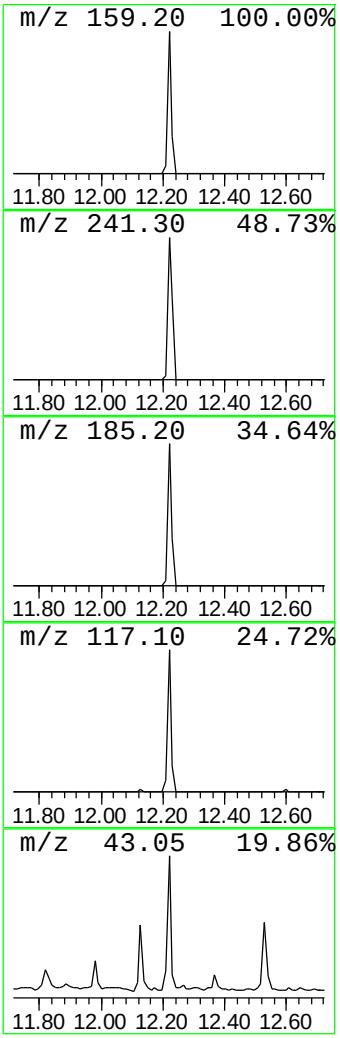
****

Peak Number 8 unknown12.22 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	7.60 ng	620525	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	38
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	35
3	2(1H)-Quinolinone, 1-methyl-	159	C10H9NO	000606-43-9	30
4	Benzene, 1-(2-chloroethyl)-2-(tr...	208	C9H8ClF3	094022-94-3	27
5	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093441.D
Acq On : 8 Mar 2017 21:07
Operator : SJ/MA
Sample : I2126-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AAZ-6-7-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

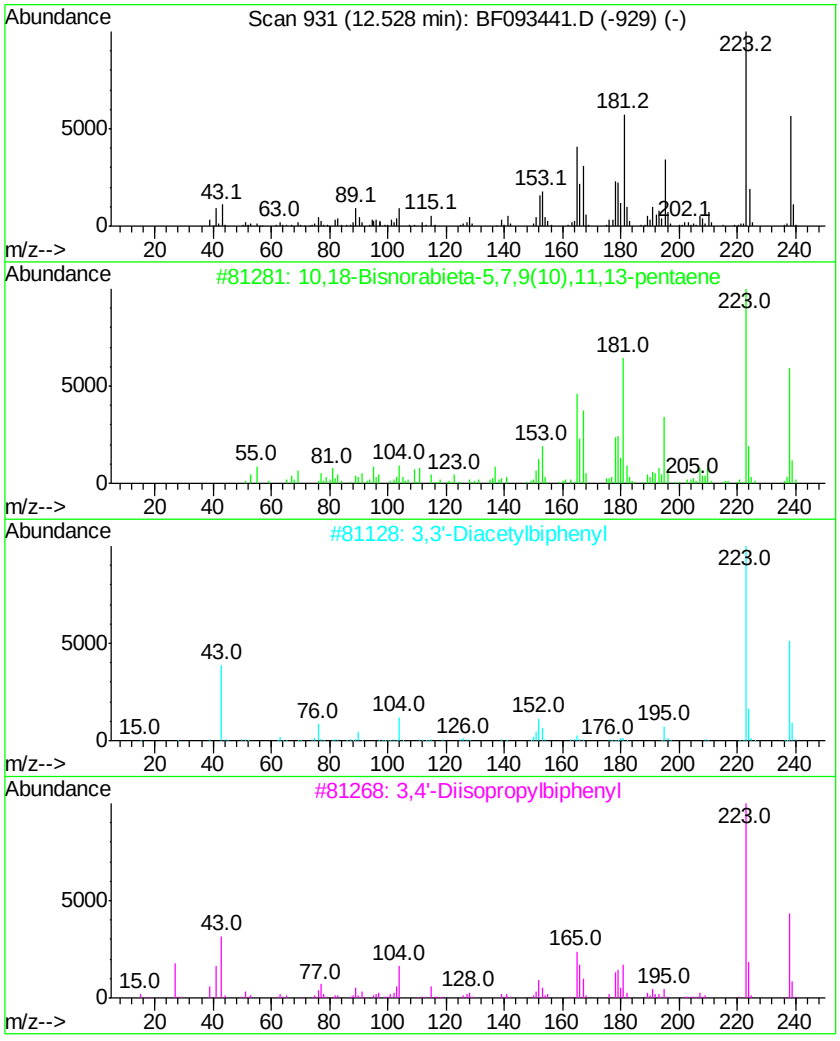
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

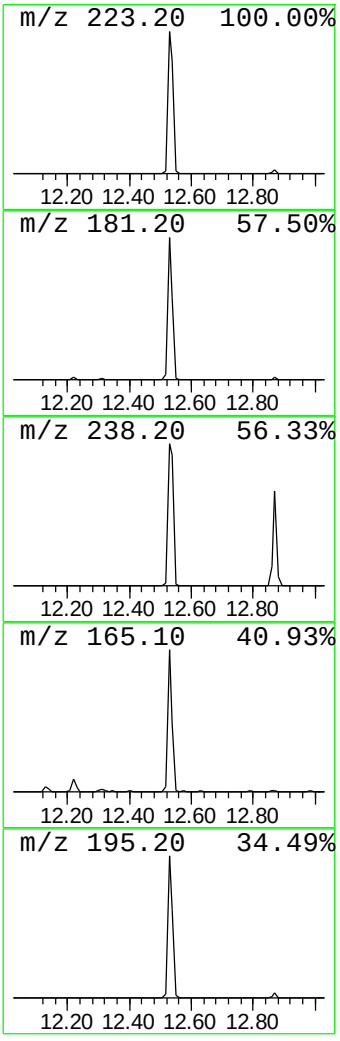
****

Peak Number 9 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	9.19 ng	750011	Phenanthrene-d10	11.28

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	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	46
3	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	46
4	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	46
5	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093441.D
Acq On : 8 Mar 2017 21:07
Operator : SJ/MA
Sample : I2126-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AAZ-6-7-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

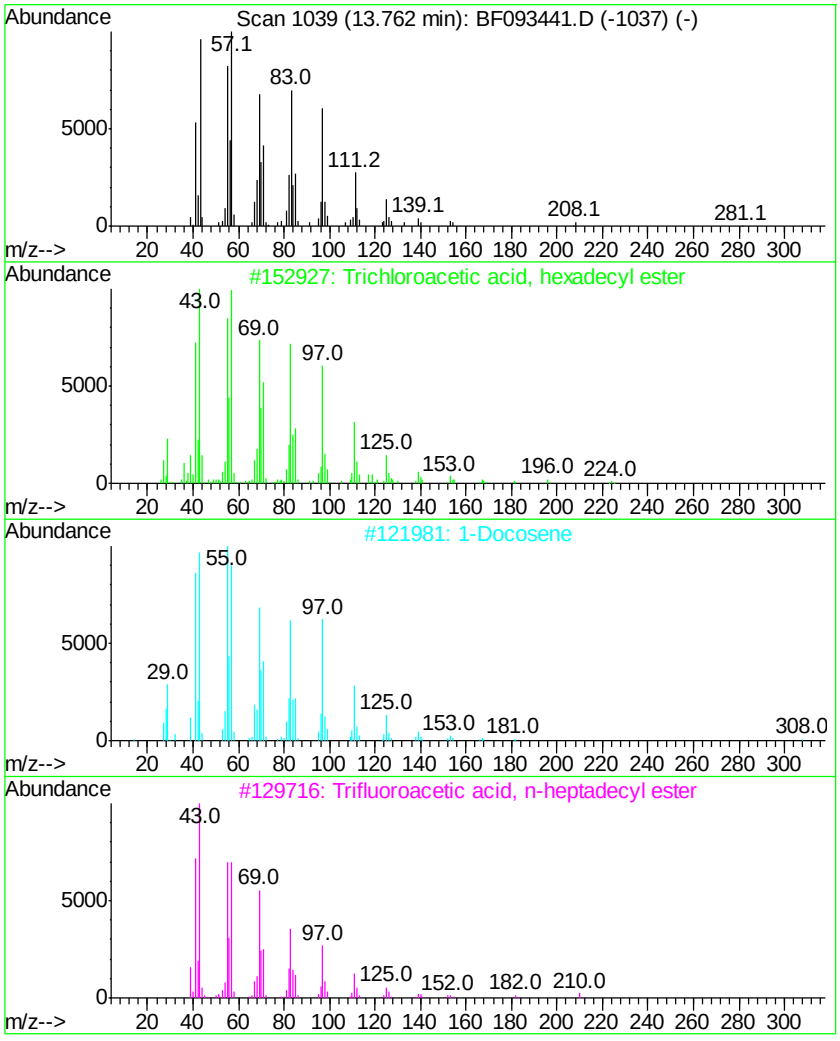
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

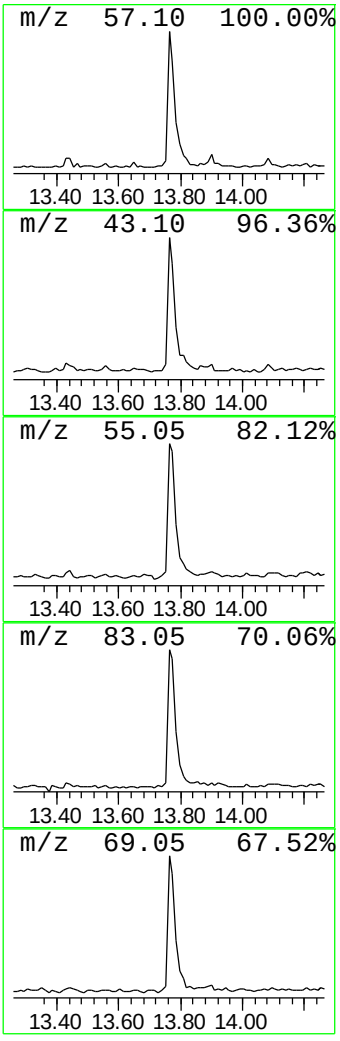
****

Peak Number 10 Trichloroacetic acid, hexad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	4.38 ng	331897	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2	1-Docosene	308	C22H44	001599-67-3	95
3	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093441.D
Acq On : 8 Mar 2017 21:07
Operator : SJ/MA
Sample : I2126-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AAZ-6-7-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

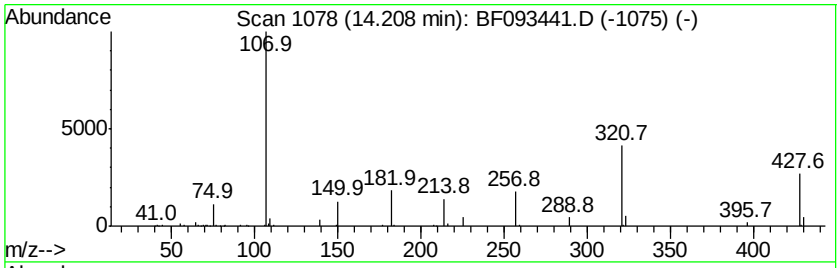
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

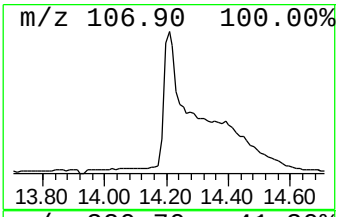
****

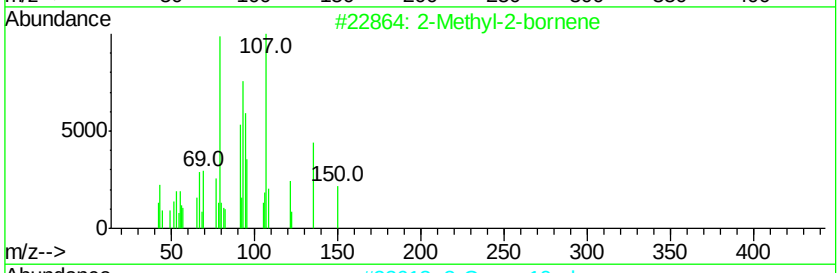
Peak Number 11 unknown14.21 Concentration Rank 5

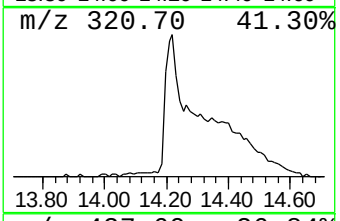
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	8.73 ng	662105	Chrysene-d12	13.93

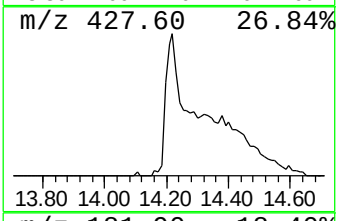
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2-bornene	150	C11H18	072540-93-3	9
2	3-Caren-10-al	150	C10H14O	1000151-86-0	7
3	1-(4-Hydroxyphenyl)-2-(3-hydroxy...	214	C14H14O2	037116-80-6	5
4	1-(3,6-Dimethyl-2-pyrazinyl)prop...	164	C9H12N2O	115609-79-5	5
5	Phenol, 4-butyl-	150	C10H14O	001638-22-8	4

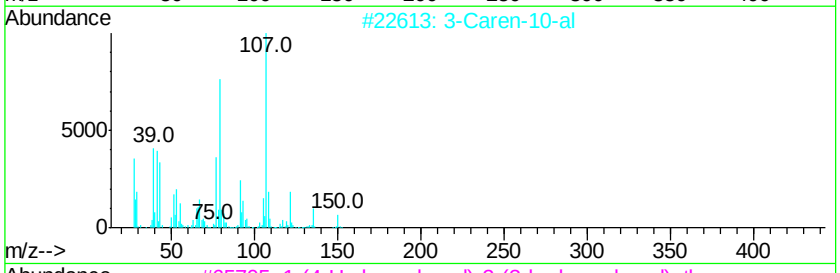


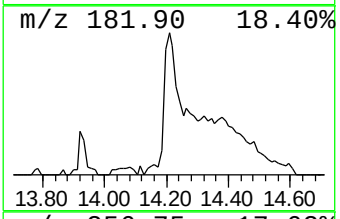


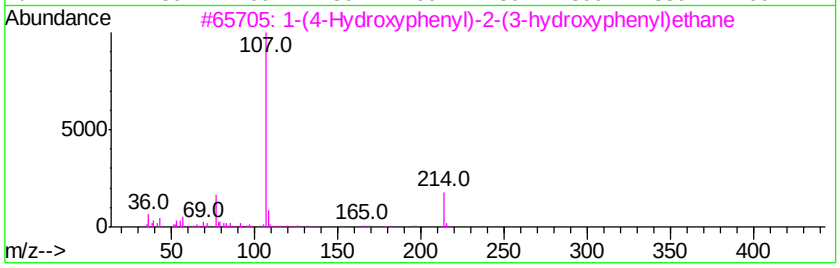


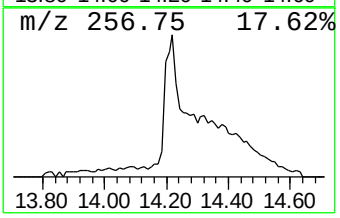












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093441.D
Acq On : 8 Mar 2017 21:07
Operator : SJ/MA
Sample : I2126-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AAZ-6-7-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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
Propane, 1,1-dime...	1.93	2.3	ng	130150	1	6.76	1115800	20.0
2-Pentanone, 4-hy...	4.90	10.8	ng	601105	1	6.76	1115800	20.0
unknown6.53	6.53	51.0	ng	2847570	1	6.76	1115800	20.0
Hexadecane	10.70	2.8	ng	231373	4	11.28	1632510	20.0
18-Norabietane	12.13	4.0	ng	327338	4	11.28	1632510	20.0
unknown12.22	12.22	7.6	ng	620525	4	11.28	1632510	20.0
10,18-Bisnorabiet...	12.53	9.2	ng	750011	4	11.28	1632510	20.0
Trichloroacetic a...	13.76	4.4	ng	331897	5	13.93	1516110	20.0
unknown14.21	14.21	8.7	ng	662105	5	13.93	1516110	20.0