LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086011.D
Acq On : 2 Apr 2016 14:59
Operator : UM/SJ
Sample : H2055-13
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-13(0-2)

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-BF040216.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	4.967	250	252	258	rBV	48102	84124	2.81%	0.301%
2	5.367	285	287	290	rBV	1940596	2552475	85.37%	9.134%
3	6.419	376	379	381	rBV	2462520	2732141	91.38%	9.776%
4	6.544	387	390	392	rBV	2820094	2926308	97.87%	10.471%
5	6.773	408	410	412	rBV	731884	634526	21.22%	2.271%
6	6.933	421	424	426	rBV	1635252	2166425	72.46%	7.752%
7	7.345	457	460	462	rBV	1690307	1929664	64.54%	6.905%
8	8.053	520	522	525	rBV	843649	843132	28.20%	3.017%
9	9.139	614	617	619	rBV	2278007	2990006	100.00%	10.699%
10	9.528	649	651	654	rBV	372335	329592	11.02%	1.179%
11	9.745	668	670	672	rBV	68475	56380	1.89%	0.202%
12	9.813	673	676	678	rBV	705055	881963	29.50%	3.156%
13	10.248	712	714	715	rVB	64885	83878	2.81%	0.300%
14	10.362	721	724	726	rVB	20705	30231	1.01%	0.108%
15	10.465	730	733	736	rBV	32300	56783	1.90%	0.203%
16	10.602	742	745	747	rBV	1854393	1985747	66.41%	7.106%
17	10.716	753	755	759	rVB	111916	134395	4.49%	0.481%
18	10.911	769	772	773	rBV	20772	29966	1.00%	0.107%
19	11.162	791	794	795	rBV2	51642	53820	1.80%	0.193%
20	11.288	803	805	810	rBV2	895782	1060623	35.47%	3.795%
21	11.368	810	812	814	rVB	72074	67339	2.25%	0.241%
22	11.791	847	849	850	rBV	34750	33532	1.12%	0.120%
23	11.825	850	852	854	rVV	91439	91703	3.07%	0.328%
24	11.905	857	859	864	rVB2	65267	95942	3.21%	0.343%
25	12.088	871	875	877	rBV2	24674	31271	1.05%	0.112%
26	12.339	895	897	899	rBV	31078	35803	1.20%	0.128%
27	12.499	909	911	914	rBV	272126	259449	8.68%	0.928%
28	12.602	919	920	923	rBV2	18752	32082	1.07%	0.115%
29	12.694	926	928	929	rBV	52482	68202	2.28%	0.244%
30	12.728	929	931	934	rVV	231341	247572	8.28%	0.886%
31	12.774	934	935	938	rVB3	30963	40624	1.36%	0.145%
32	12.877	941	944	946	rBV	2725259	2550712	85.31%	9.127%
33	12.945	948	950	953	rBV3	22414	41460	1.39%	0.148%
34	13.059	956	960	962	rVB	41525	60639	2.03%	0.217%

LSC Area Percent Report

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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-13(0-2)

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.128	962	966	967	rBV2	32159	46999	1.57%	0.168%
36	13.162	967	969	971	rBV	35342	36053	1.21%	0.129%
37	13.357	984	986	988	rBV	65526	64872	2.17%	0.232%
38	13.402	988	990	992	rVB	46252	37978	1.27%	0.136%
39	13.574	1003	1005	1008	rBV	23088	29914	1.00%	0.107%
40	13.677	1012	1014	1018	rVV2	27019	66050	2.21%	0.236%
41	13.779	1021	1023	1032	rVV4	84492	218627	7.31%	0.782%
42	13.928	1033	1036	1037	rVV2	728974	833432	27.87%	2.982%
43	13.951	1037	1038	1042	rVB	104623	98674	3.30%	0.353%
44	14.088	1048	1050	1052	rBV2	37240	53965	1.80%	0.193%
45	14.317	1065	1070	1072	rBV	38608	76858	2.57%	0.275%
46	14.397	1075	1077	1079	rVV3	21170	30144	1.01%	0.108%
47	14.797	1110	1112	1118	rVB5	20205	42343	1.42%	0.152%
48	14.945	1122	1125	1128	rBV	74441	162547	5.44%	0.582%
49	15.220	1146	1149	1152	rBV	38074	59362	1.99%	0.212%
50	15.277	1152	1154	1156	rVV	68942	91871	3.07%	0.329%
51	15.334	1156	1159	1165	rVB	517387	672651	22.50%	2.407%
52	15.745	1192	1195	1197	rBV2	16612	30407	1.02%	0.109%
53	16.694	1276	1278	1287	rVB2	22745	74992	2.51%	0.268%

Sum of corrected areas: 27946248

LSC Report - Integrated Chromatogram

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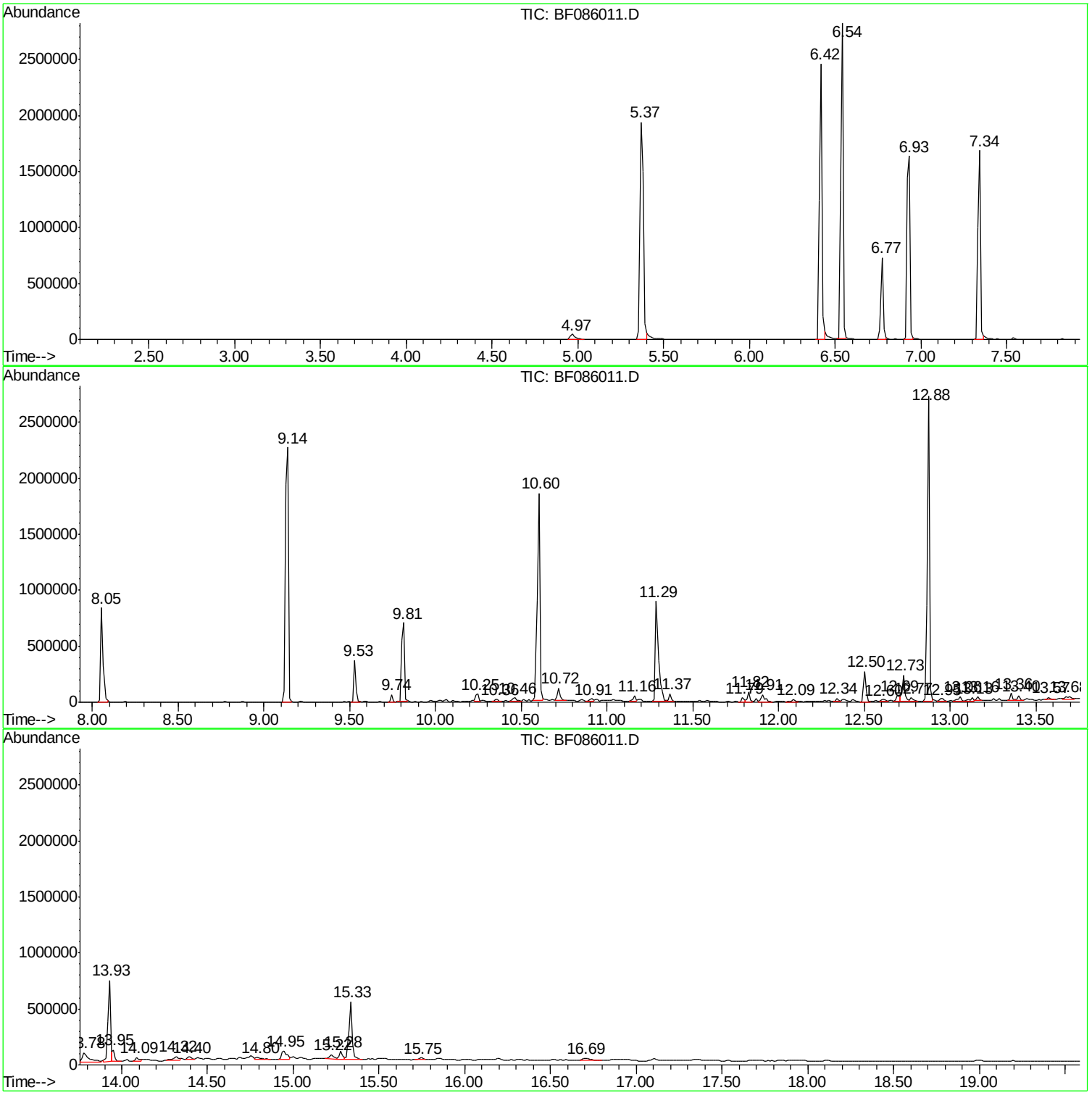
Operator : UM/SJ
Sample : H2055-13
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-13(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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\BF040216\
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Instrument : BNA_F
ClientSampleId : BH-13(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

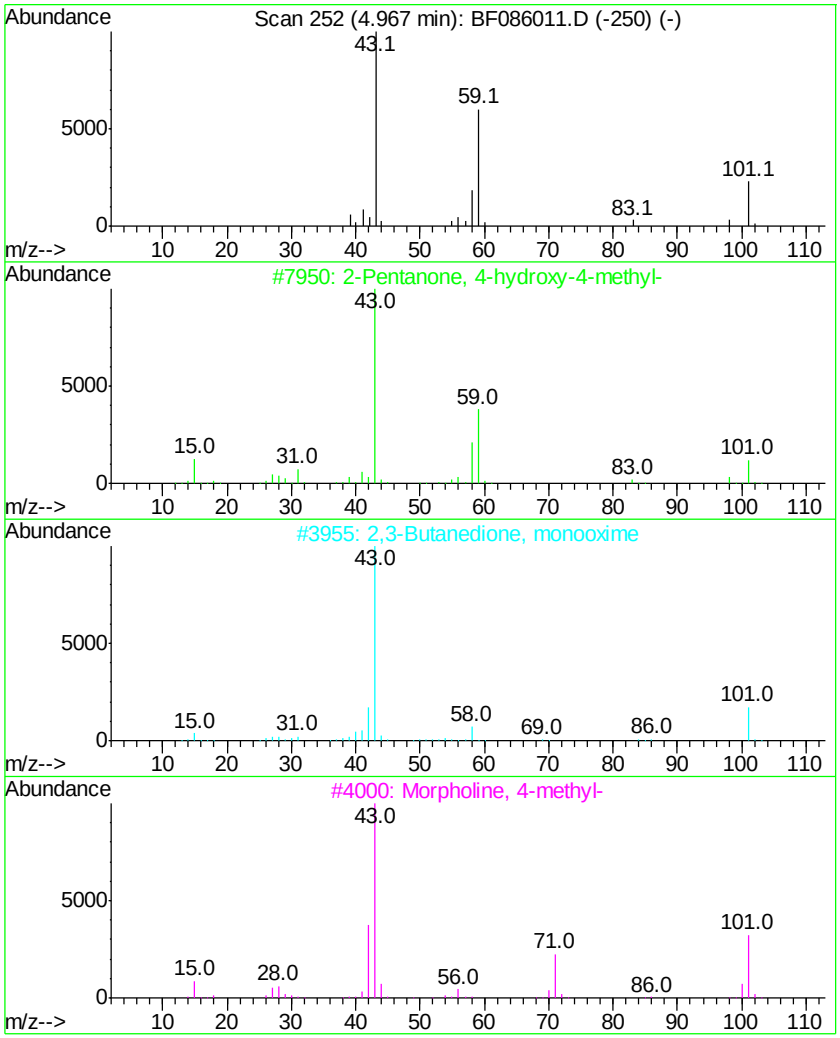
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

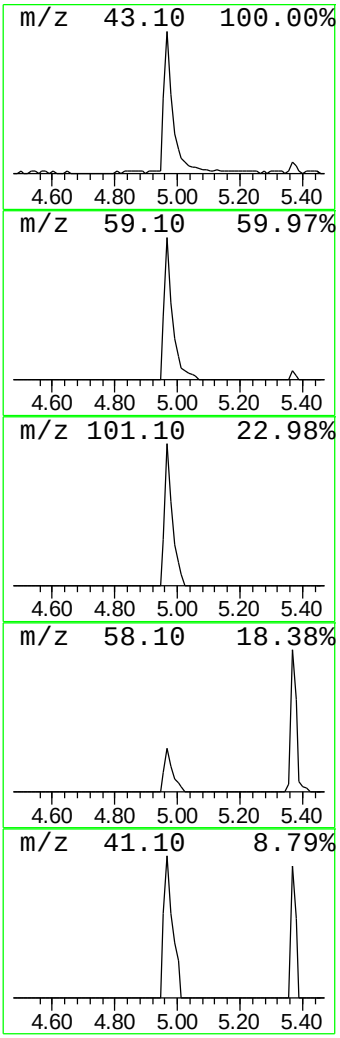
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	2.65 ng	84124	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-13(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
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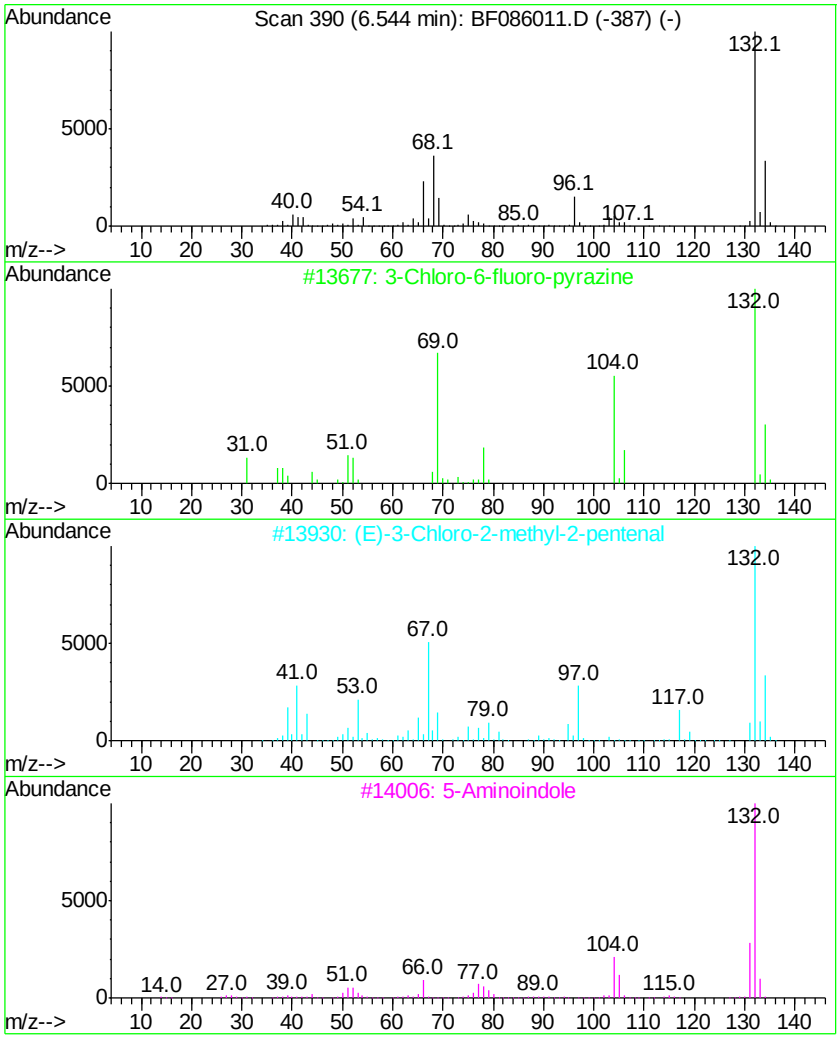
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

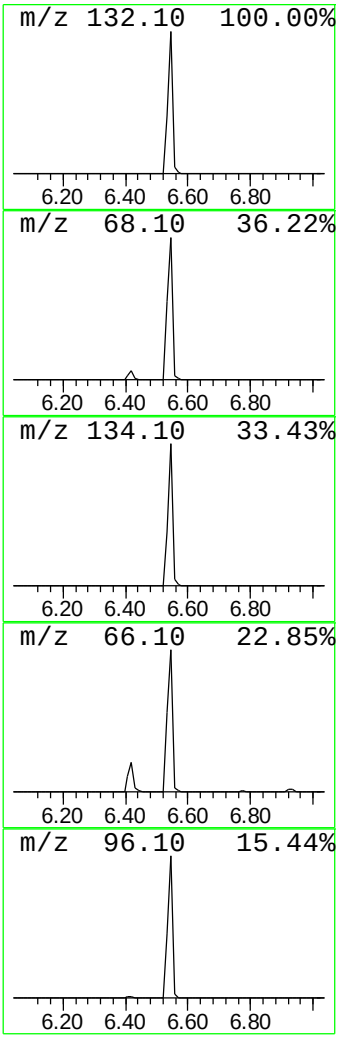
****

Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	92.24 ng	2926310	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-13(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
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TIC Library : C:\DATABASE\NIST02.L
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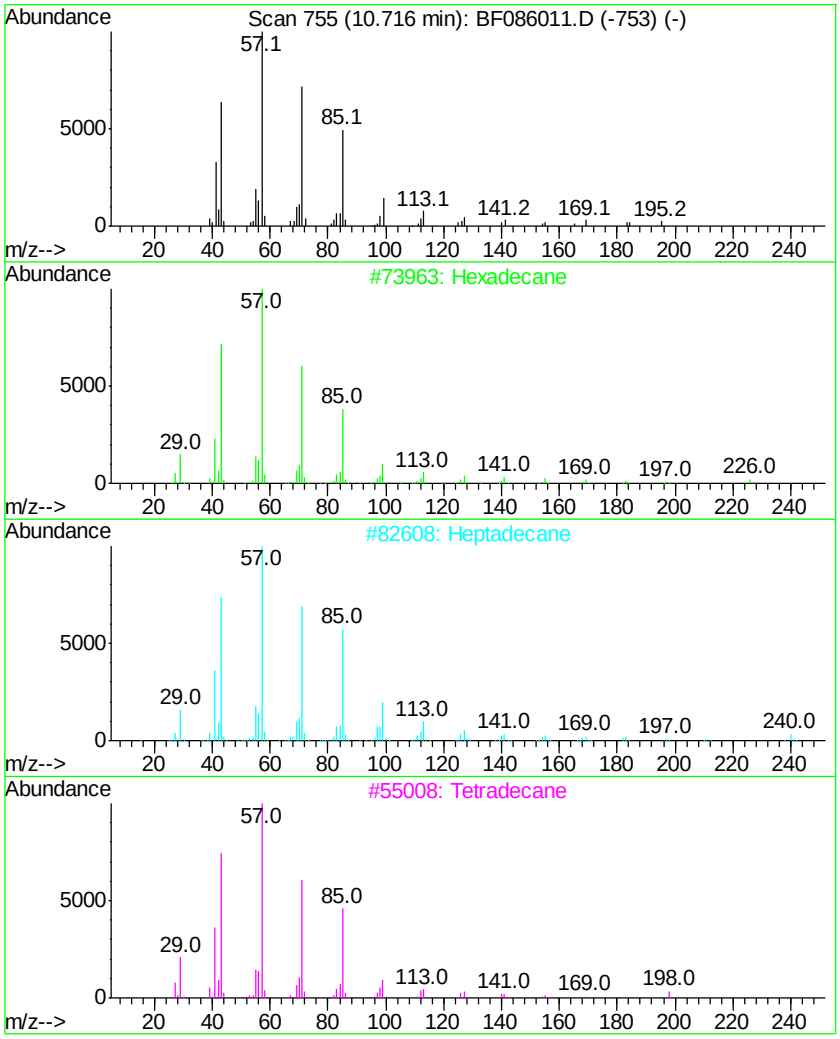
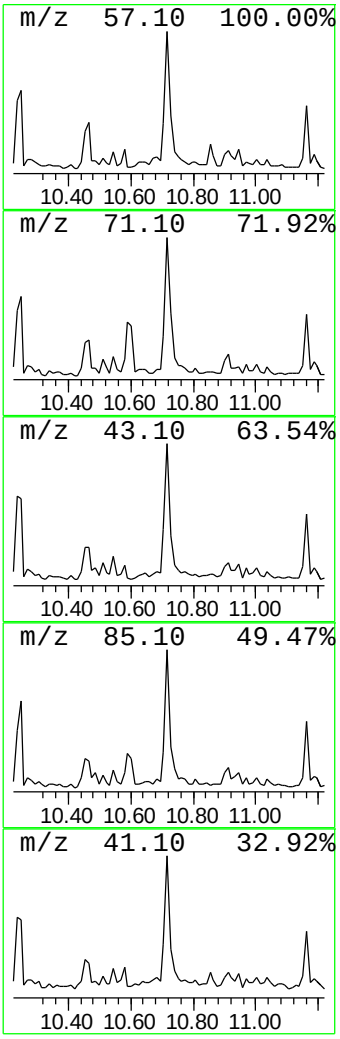
****

Peak Number 4 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	2.53 ng	134395	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Octadecane	254	C18H38	000593-45-3	90





Library Search Compound Report

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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-13(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
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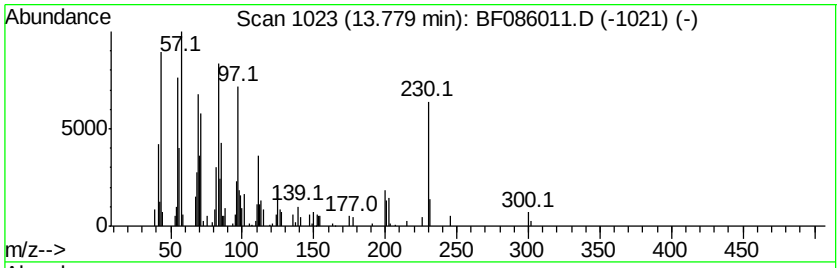
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

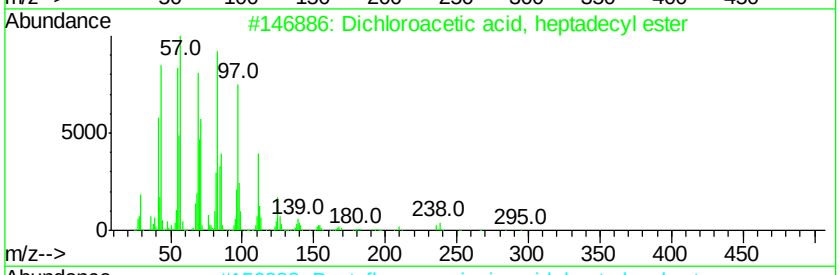
****

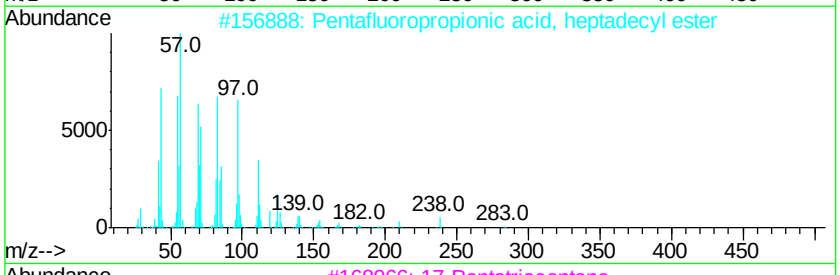
Peak Number 5 Dichloroacetic acid, heptad... Concentration Rank 3

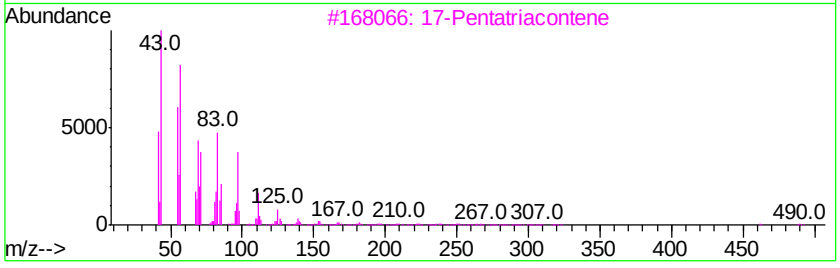
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	5.25 ng	218627	Chrysene-d12	13.93

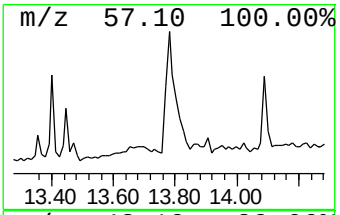
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
3	17-Pentatriacontene	491	C35H70	006971-40-0	83
4	1-Docosene	308	C22H44	001599-67-3	81
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76

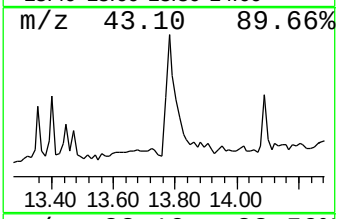


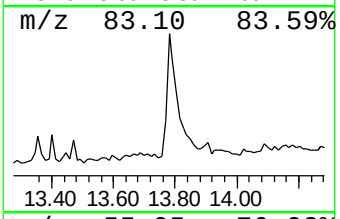


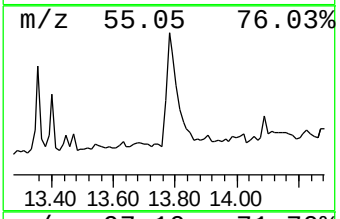


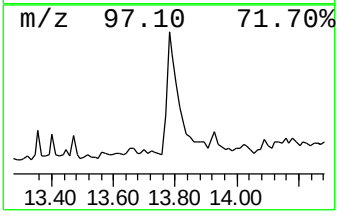












Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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...	4.97	2.6	ng	84124	1	6.77	634526	20.0
unknown6.54	6.54	92.2	ng	2926310	1	6.77	634526	20.0
Hexadecane	10.72	2.5	ng	134395	4	11.29	1060620	20.0
Dichloroacetic ac...	13.78	5.3	ng	218627	5	13.93	833432	20.0