LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086240.D
Acq On : 16 Apr 2016 3:16
Operator : UM/SJ
Sample : H2471-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH6

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-BF041516.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	2.178	6	8	26	rVB	264550	646091	10.36%	1.096%
2	5.093	260	263	268	rBV	273058	349648	5.61%	0.593%
3	5.493	295	298	300	rBV	5448681	5784218	92.76%	9.808%
4	6.521	385	388	390	rBV	5466584	6235920	100.00%	10.574%
5	6.659	397	400	403	rBV	5598031	5762170	92.40%	9.770%
6	6.887	418	420	423	rBV	1406356	1752774	28.11%	2.972%
7	7.047	432	434	437	rVB	4682669	4444147	71.27%	7.536%
8	7.459	467	470	472	rBV	3943820	4482822	71.89%	7.601%
9	7.539	474	477	479	rVB	100048	110689	1.78%	0.188%
10	8.179	530	533	535	rBV	2755866	2437259	39.08%	4.133%
11	9.253	624	627	630	rBV	5390562	5998192	96.19%	10.171%
12	9.653	660	662	664	rBV	830985	943453	15.13%	1.600%
13	9.870	679	681	683	rVV	195349	152238	2.44%	0.258%
14	9.927	684	686	689	rVB	2105206	2535426	40.66%	4.299%
15	10.373	721	725	726	rBV	256735	301424	4.83%	0.511%
16	10.590	741	744	747	rBV	101452	162612	2.61%	0.276%
17	10.716	752	755	758	rVV	3309021	3612149	57.92%	6.125%
18	10.842	764	766	771	rVB	346038	369701	5.93%	0.627%
19	11.288	803	805	807	rBV	187117	161395	2.59%	0.274%
20	11.413	814	816	818	rBV	2806008	2411214	38.67%	4.088%
21	11.951	861	863	865	rBV	85719	140329	2.25%	0.238%
22	12.831	937	940	943	rVB	63096	96083	1.54%	0.163%
23	13.002	952	955	958	rBV	4917334	5211190	83.57%	8.836%
24	13.539	999	1002	1004	rBV	38255	67049	1.08%	0.114%
25	13.585	1004	1006	1010	rVB	47096	67852	1.09%	0.115%
26	13.894	1031	1033	1044	rBV	1103306	1411176	22.63%	2.393%
27	14.042	1044	1046	1049	rBV	1810975	1749179	28.05%	2.966%
28	14.534	1087	1089	1095	rBV3	81387	120769	1.94%	0.205%
29	15.482	1169	1172	1175	rBV	1101406	1354760	21.73%	2.297%
30	15.997	1215	1217	1222	rBV2	58241	103589	1.66%	0.176%

Sum of corrected areas: 58975518

LSC Report - Integrated Chromatogram

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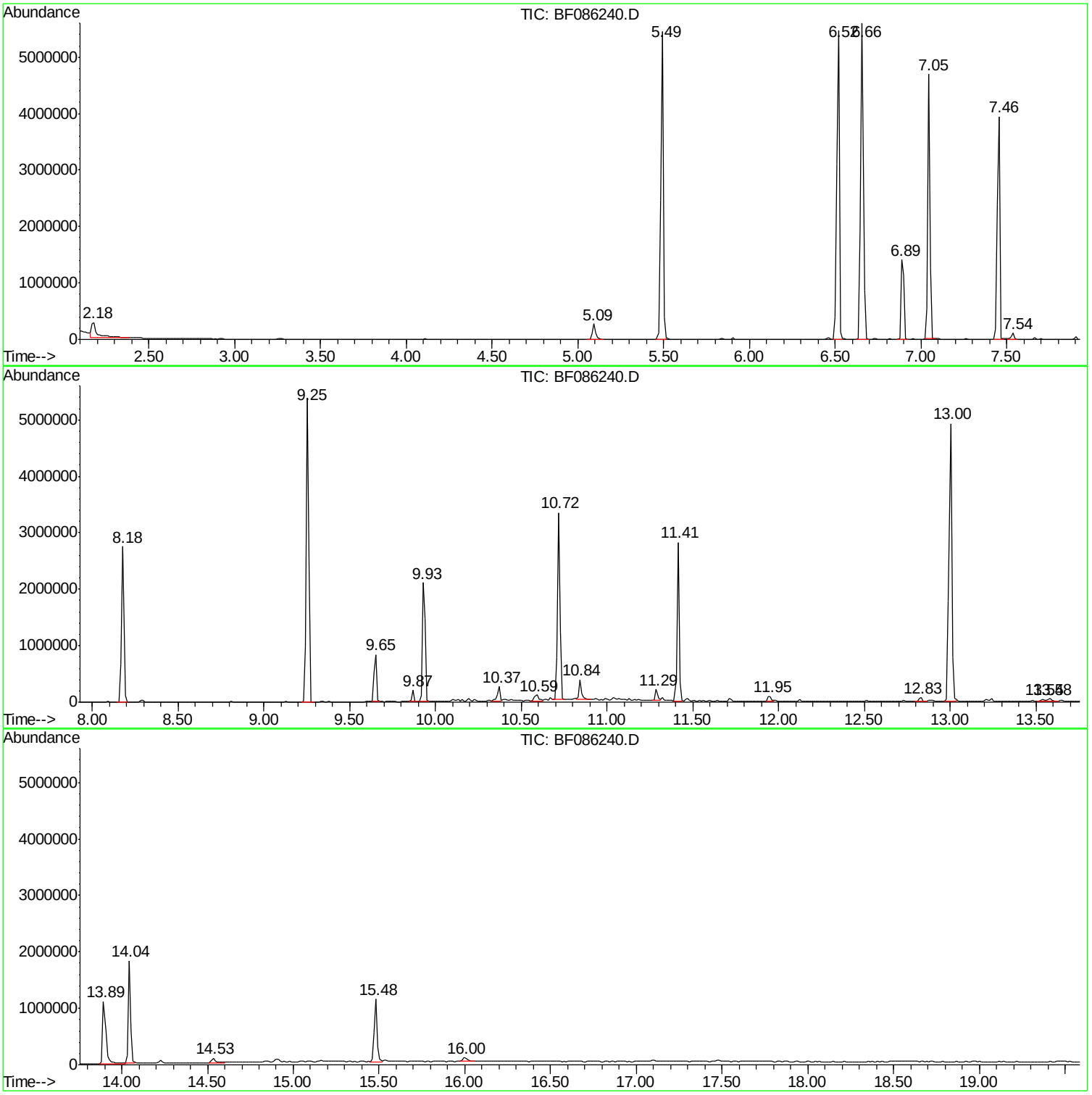
Operator : UM/SJ
Sample : H2471-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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\BF041516\
Data File : BF086240.D
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Sample : H2471-08
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

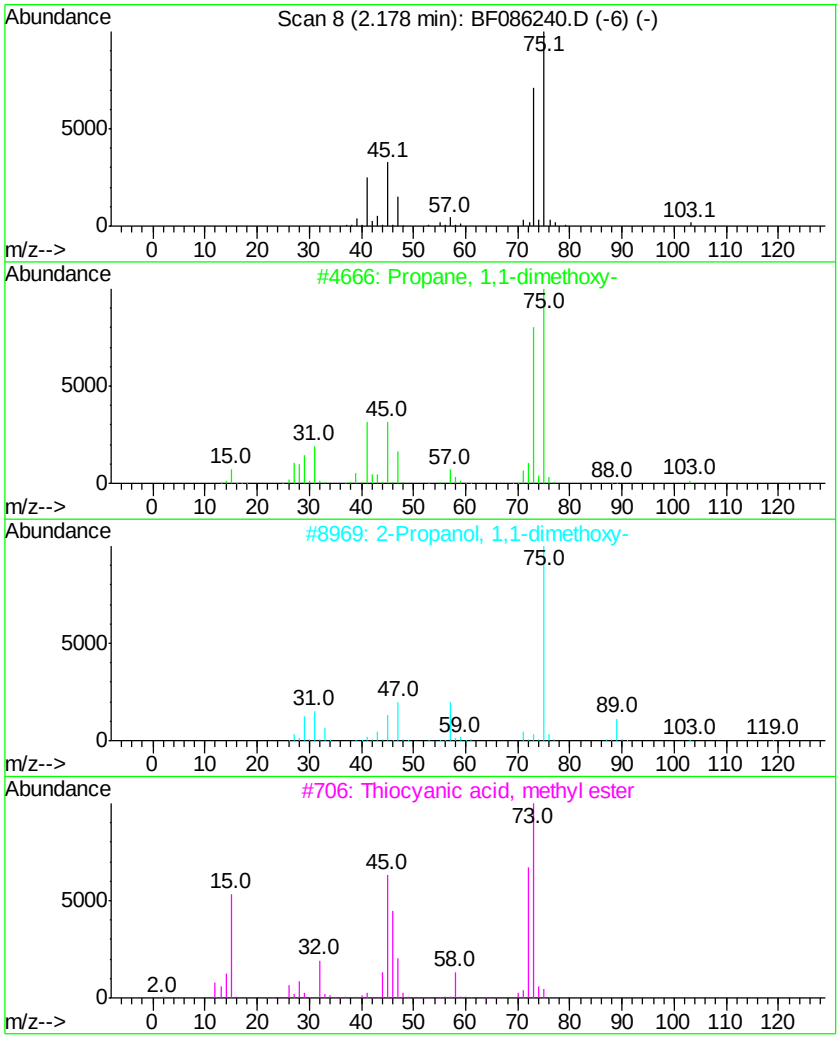
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

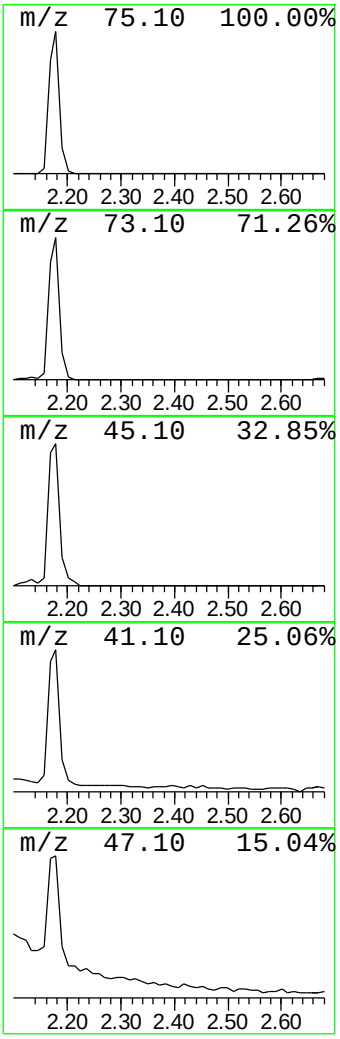
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	7.37 ng	646091	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	74
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	38
3	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	14
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5	Chloromethyl cyanide	75	C2H2ClN	000107-14-2	9





Library Search Compound Report

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Sample : H2471-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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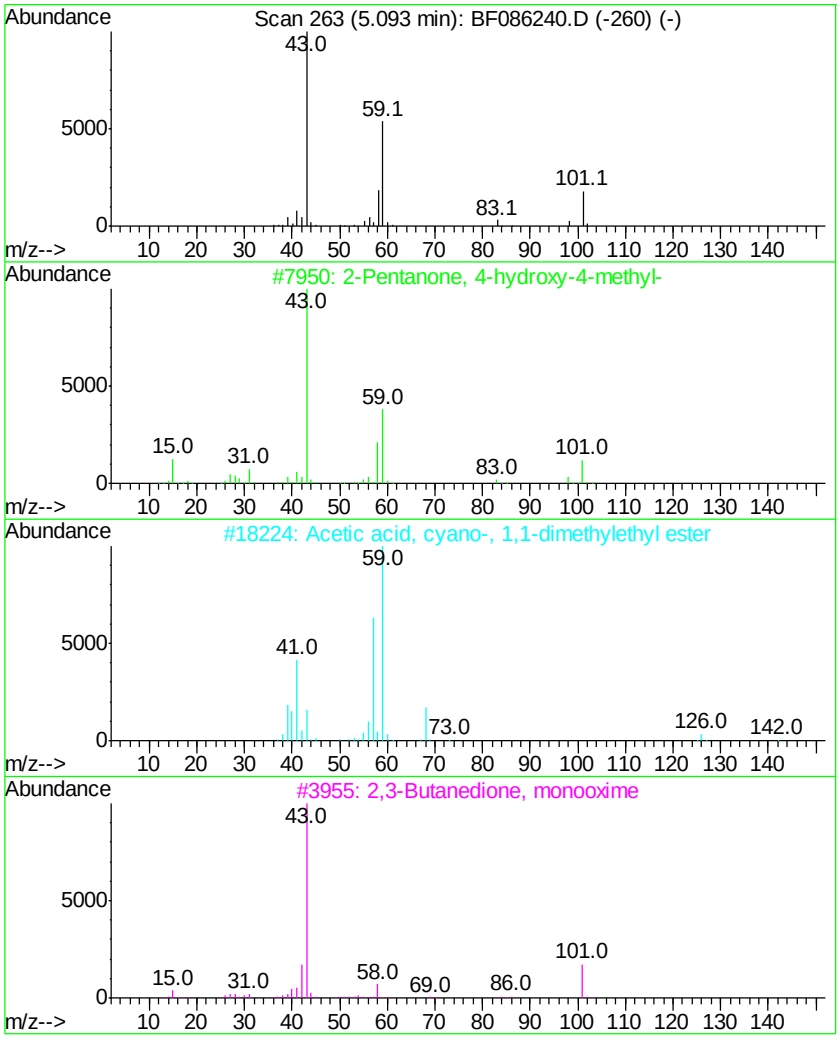
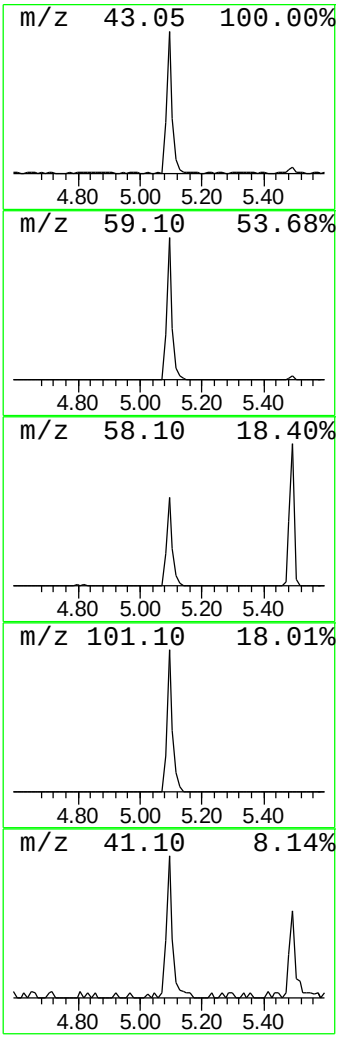
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	3.99 ng	349648	1,4-Dichlorobenzene-d4	6.90

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
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Operator : UM/SJ
Sample : H2471-08
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Instrument : BNA_F
ClientSampleId : CDMSH6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
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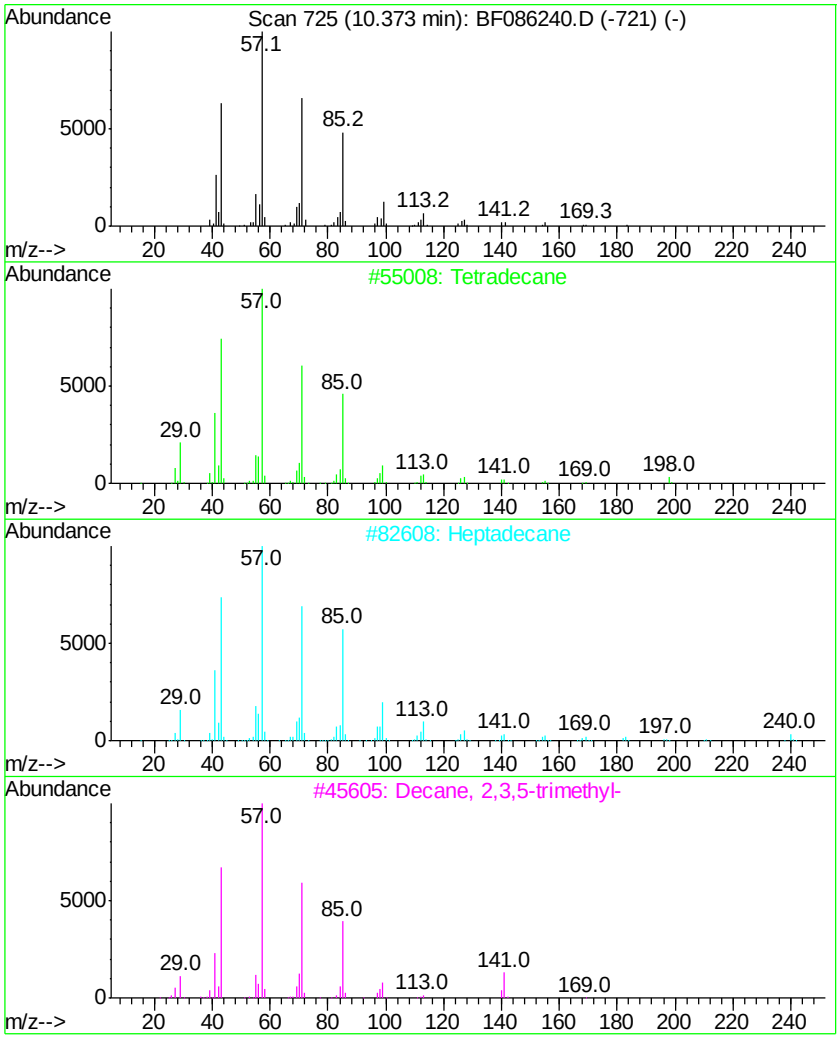
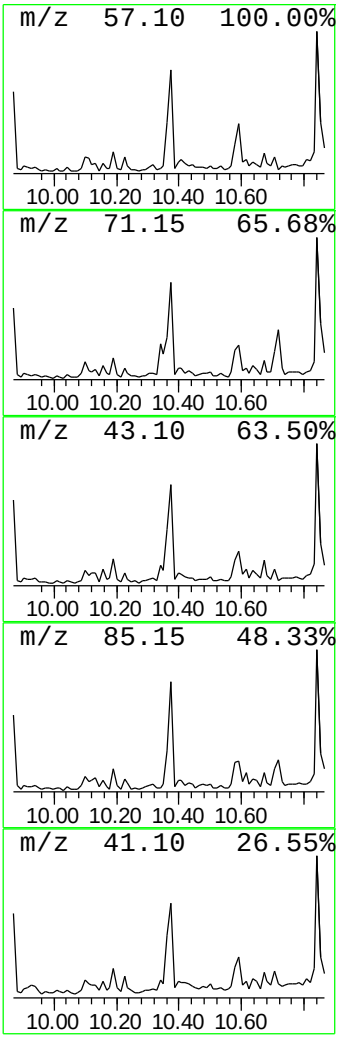
Peak Number 5 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.38 ng	301424	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Tetracosane	338	C24H50	000646-31-1	86
5	Hexadecane	226	C16H34	000544-76-3	83





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Sample : H2471-08
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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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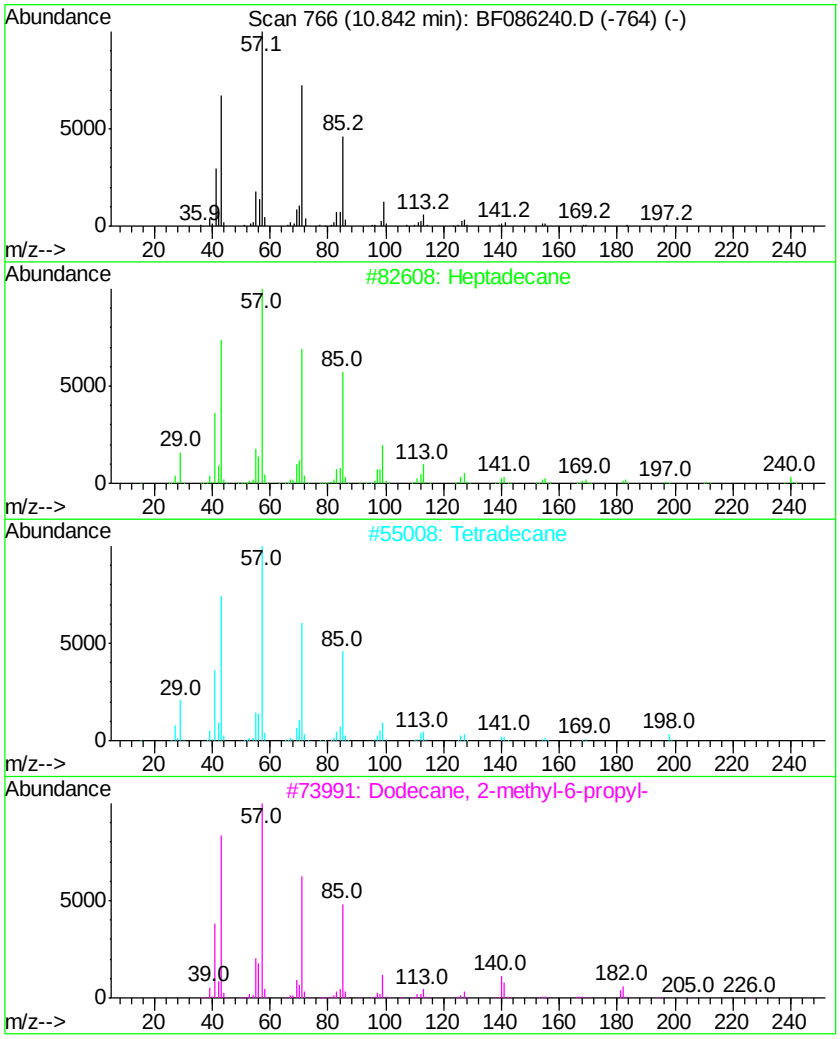
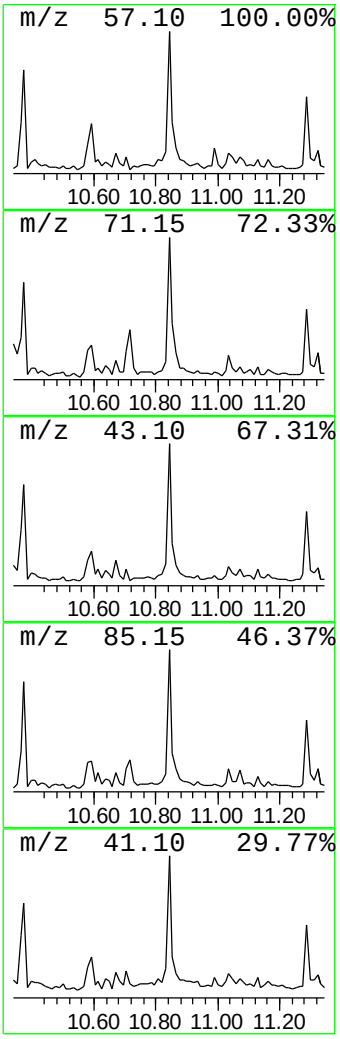
Peak Number 6 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	3.07 ng	369701	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tetradecane	198	C14H30	000629-59-4	83
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72





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Operator : UM/SJ
Sample : H2471-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
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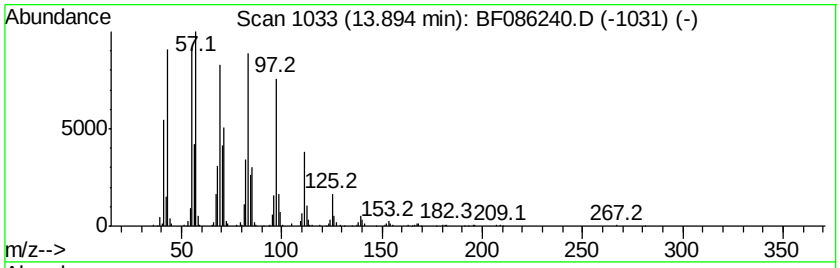
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

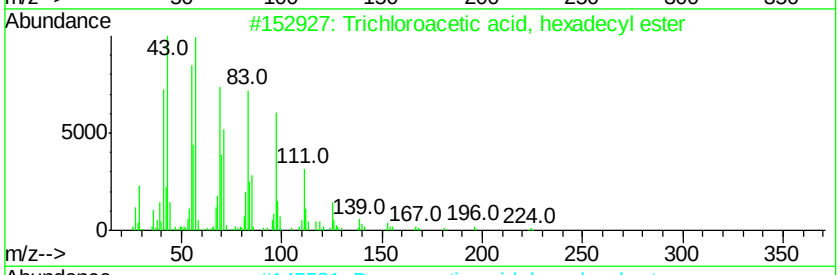
****

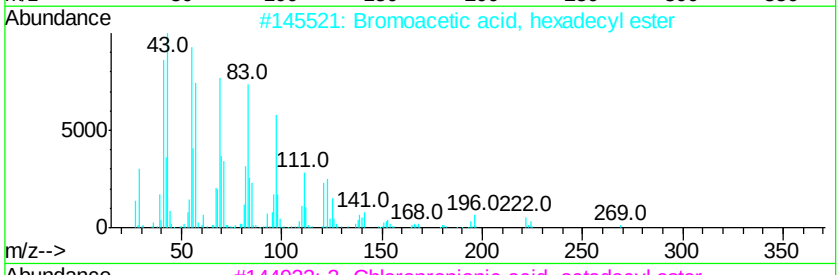
Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 3

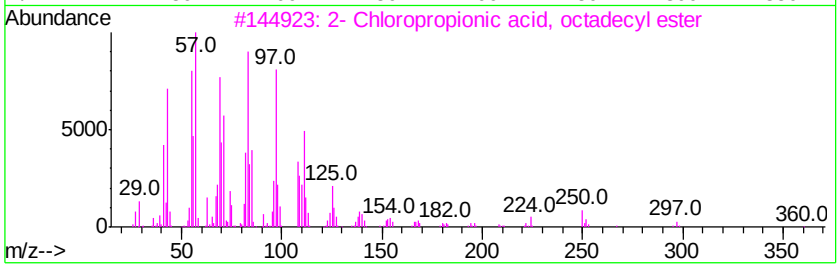
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	16.14 ng	1411180	Chrysene-d12	14.04

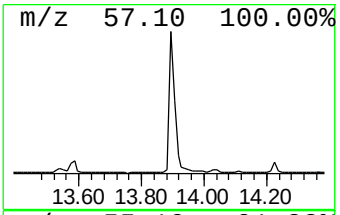
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	1-Nonadecene	266	C19H38	018435-45-5	91

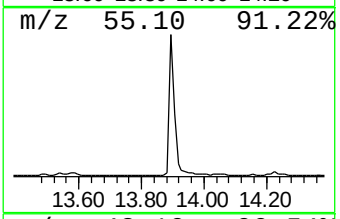


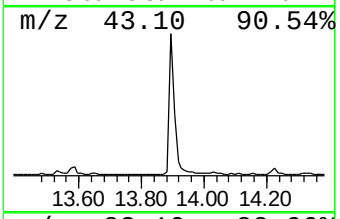


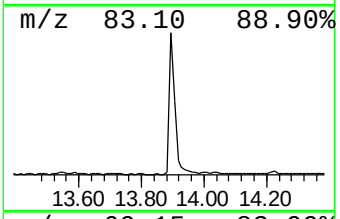


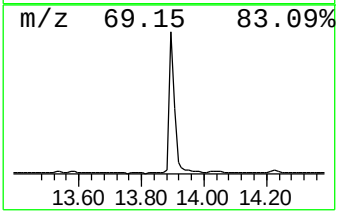












Tentatively Identified Compound (LSC) summary

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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...	2.18	7.4	ng	646091	1	6.90	1752770	20.0
2-Pentanone, 4-hy...	5.09	4.0	ng	349648	1	6.90	1752770	20.0
Tetradecane	10.37	2.4	ng	301424	3	9.93	2535430	20.0
Heptadecane	10.84	3.1	ng	369701	4	11.41	2411210	20.0
Trichloroacetic a...	13.89	16.1	ng	1411180	5	14.04	1749180	20.0