LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086241.D
Acq On : 16 Apr 2016 3:44
Operator : UM/SJ
Sample : H2471-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH7

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	5	8	16	rVB	201476	326991	5.32%	0.585%
2	5.093	260	263	269	rVB	251210	343981	5.59%	0.615%
3	5.493	295	298	300	rBV	5342217	5675688	92.31%	10.155%
4	6.522	384	388	390	rBV	5239467	6148580	100.00%	11.001%
5	6.659	397	400	402	rBV	5500417	5532868	89.99%	9.900%
6	6.887	418	420	423	rBV	1470337	1840252	29.93%	3.293%
7	7.047	432	434	436	rVB	4479803	4155842	67.59%	7.436%
8	7.459	467	470	472	rBV	3577673	4227532	68.76%	7.564%
9	7.539	474	477	479	rVB	75873	89430	1.45%	0.160%
10	8.179	530	533	535	rBV	2874618	2520916	41.00%	4.511%
11	9.253	624	627	630	rBV	5140971	5699682	92.70%	10.198%
12	9.653	659	662	664	rBV	639279	763253	12.41%	1.366%
13	9.871	679	681	683	rBV	148006	117508	1.91%	0.210%
14	9.928	684	686	689	rVB	2148108	2593932	42.19%	4.641%
15	10.373	721	725	726	rBV	230454	273212	4.44%	0.489%
16	10.591	741	744	745	rBV	97455	132320	2.15%	0.237%
17	10.716	752	755	758	rBV	3242929	3389943	55.13%	6.066%
18	10.842	764	766	773	rVB	356827	407624	6.63%	0.729%
19	11.036	781	783	785	rBV	46170	66458	1.08%	0.119%
20	11.288	803	805	807	rBV	211149	183175	2.98%	0.328%
21	11.414	814	816	818	rBV	2901957	2496364	40.60%	4.467%
22	11.711	841	842	849	rVB	47215	65401	1.06%	0.117%
23	13.002	952	955	957	rBV	4807815	4888972	79.51%	8.748%
24	13.242	974	976	978	rVB	80977	78327	1.27%	0.140%
25	13.585	1004	1006	1008	rVB	111139	130800	2.13%	0.234%
26	13.905	1031	1034	1037	rBV	207839	318406	5.18%	0.570%
27	14.042	1044	1046	1049	rBV	1723960	1782634	28.99%	3.190%
28	14.225	1060	1062	1065	rBV	151298	137331	2.23%	0.246%
29	14.534	1087	1089	1091	rBV	87774	102150	1.66%	0.183%
30	15.483	1169	1172	1175	rBV	1126055	1399020	22.75%	2.503%

Sum of corrected areas: 55888592

LSC Report - Integrated Chromatogram

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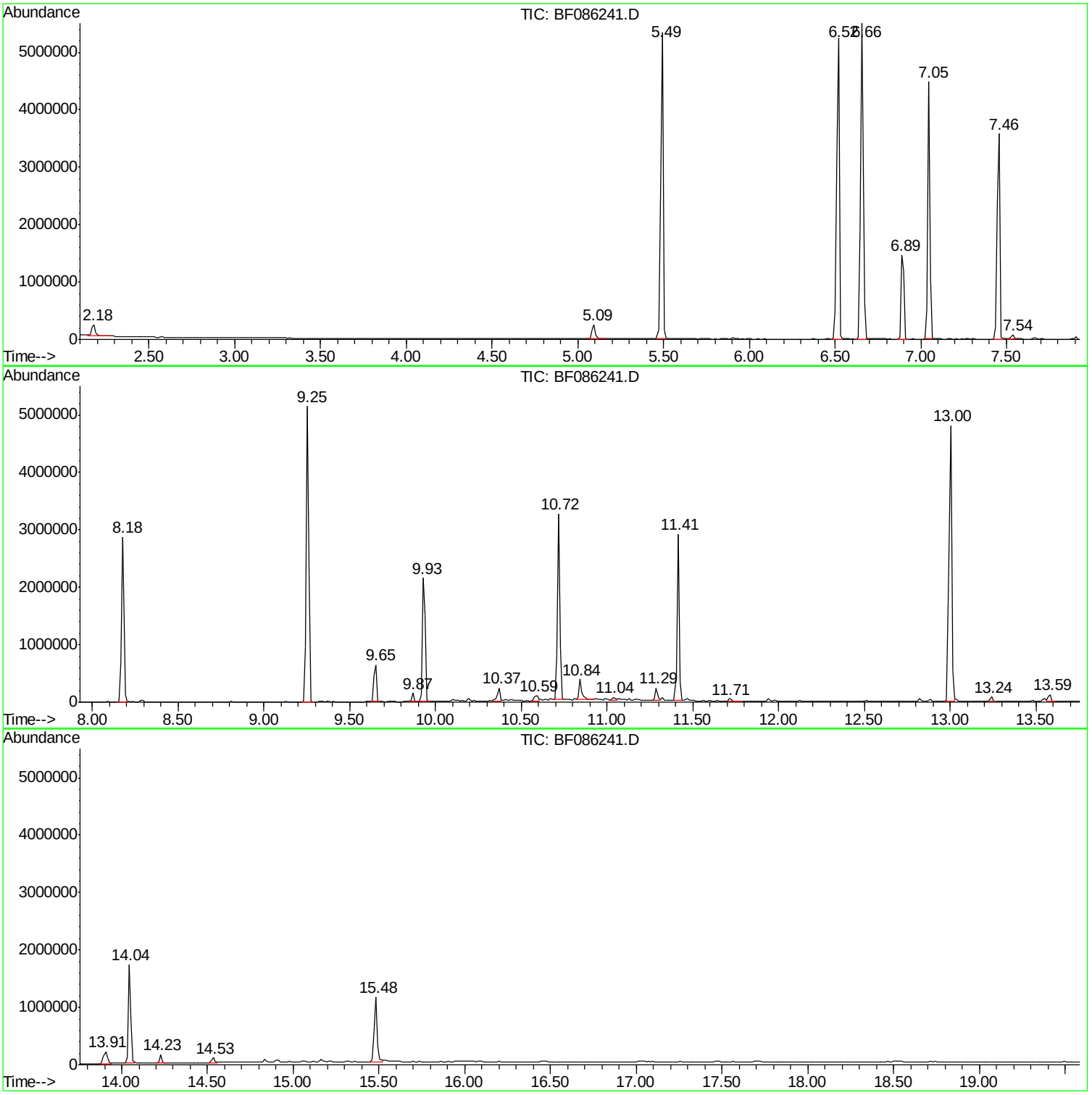
Instrument : BNA_F
ClientSampleId : CDMSH7

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 : BF086241.D
Acq On : 16 Apr 2016 3:44
Operator : UM/SJ
Sample : H2471-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH7

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

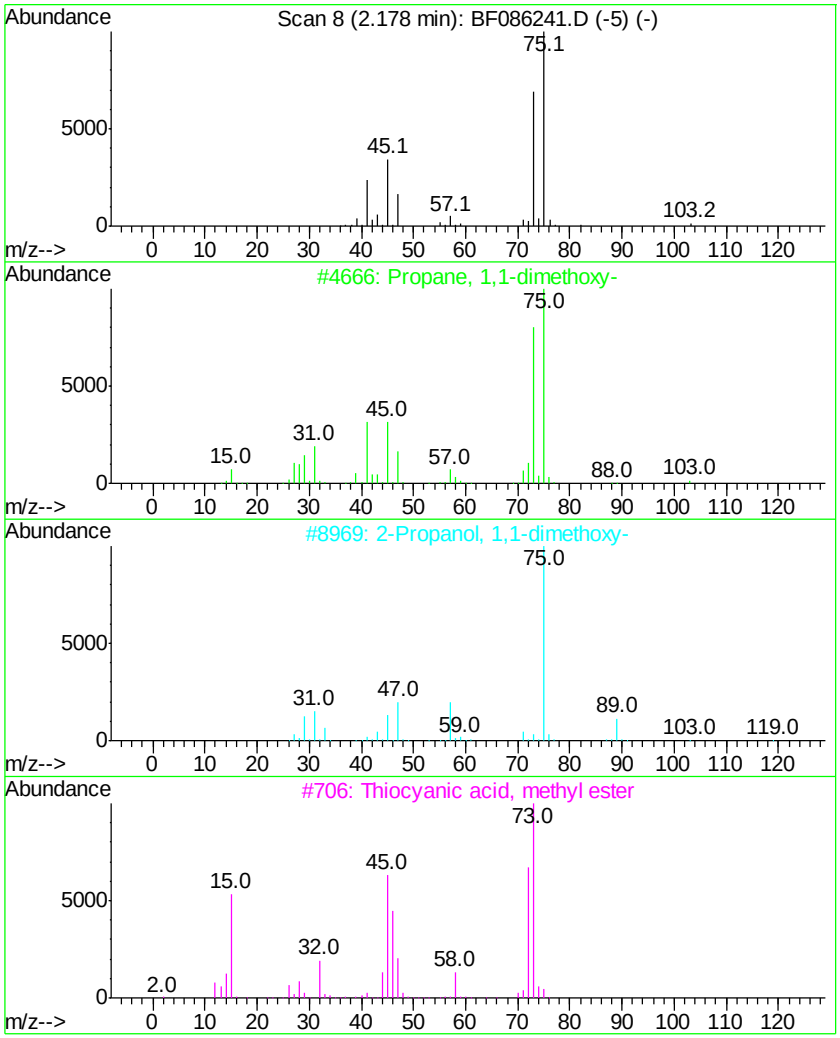
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

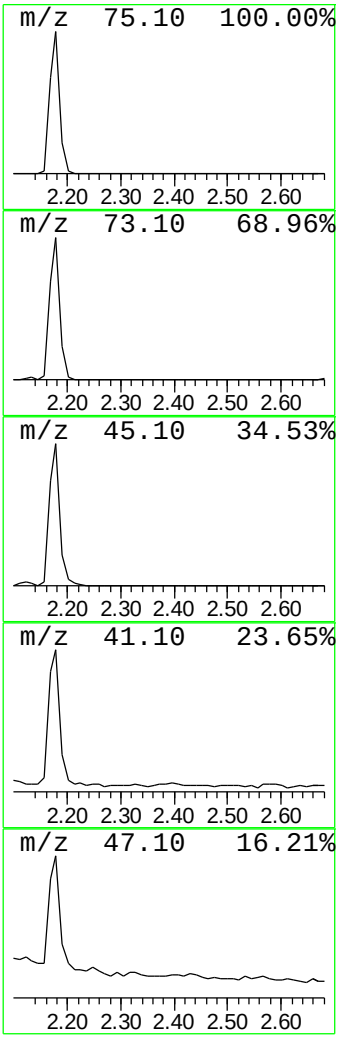
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	3.55 ng	326991	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	83
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	42
3	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	14
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	10





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Operator : UM/SJ
Sample : H2471-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH7

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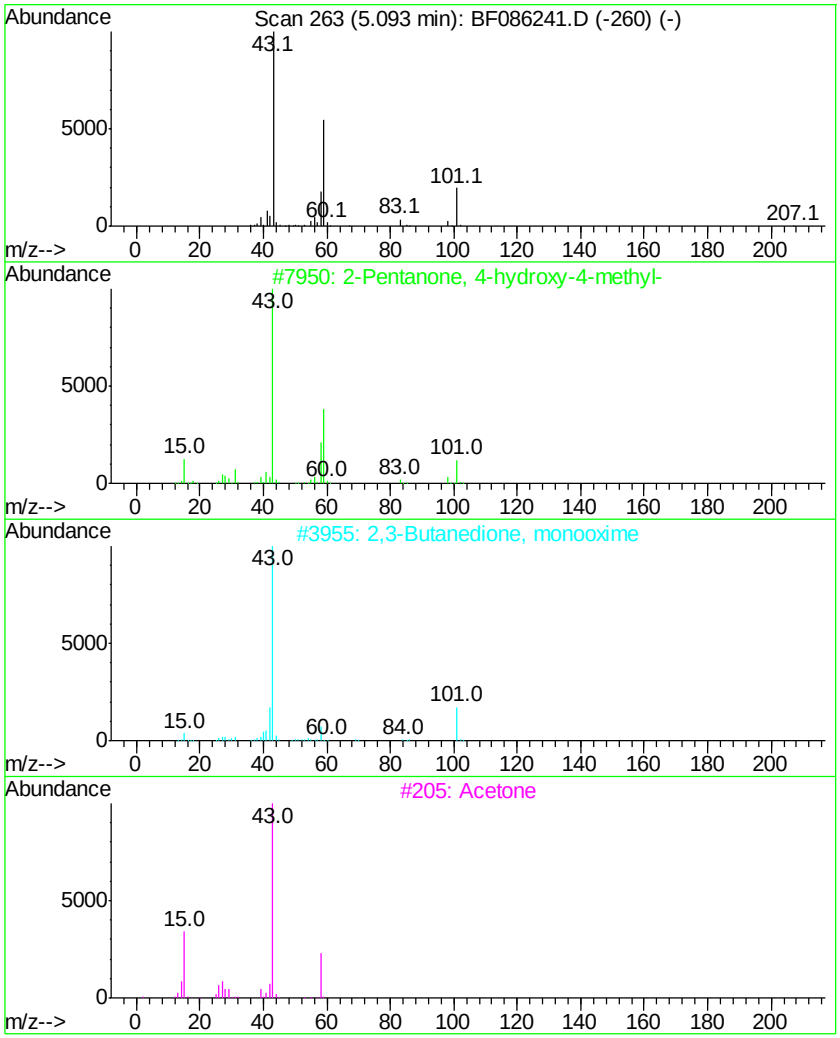
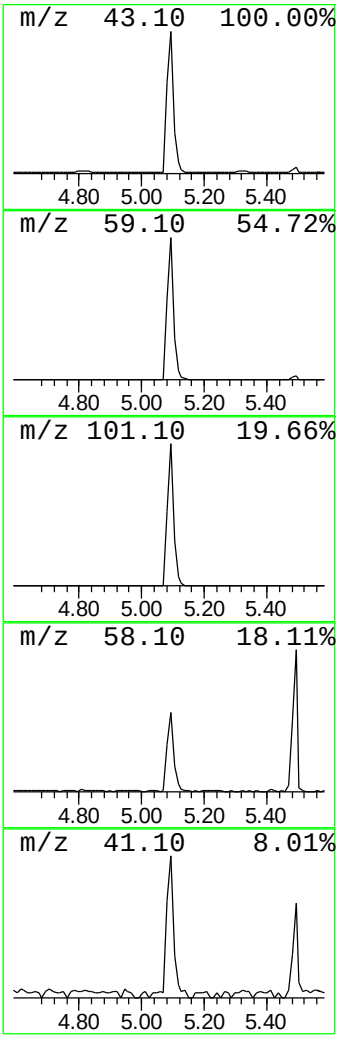
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	3.74 ng	343981	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	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetone	58	C3H6O	000067-64-1	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





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Instrument : BNA_F
ClientSampleId : CDMSH7

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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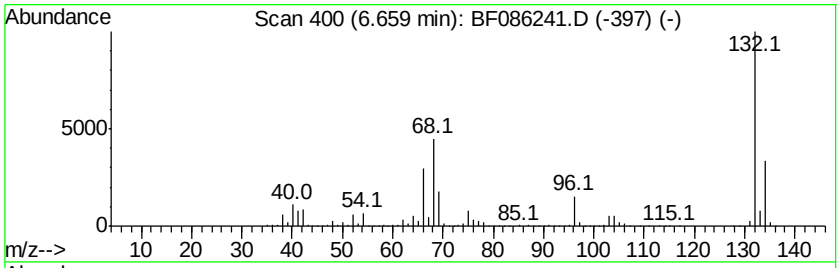
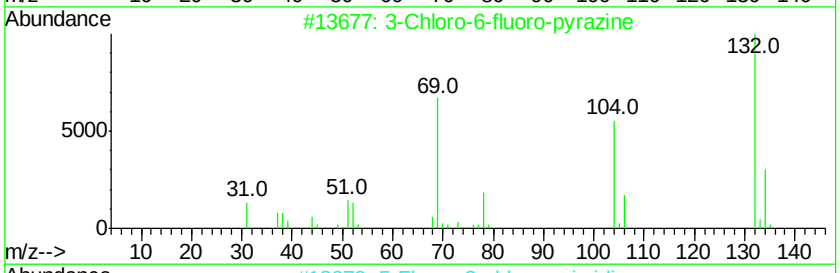
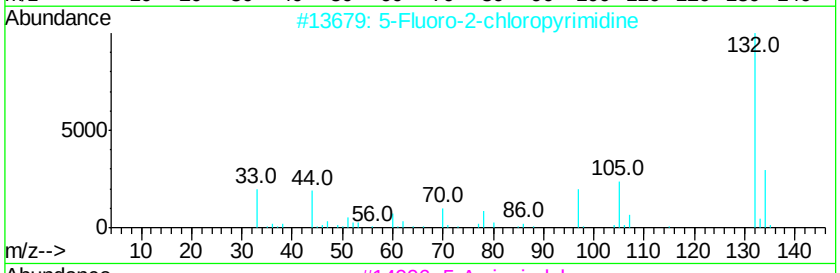
Peak Number 3 unknown6.66 Concentration Rank 1

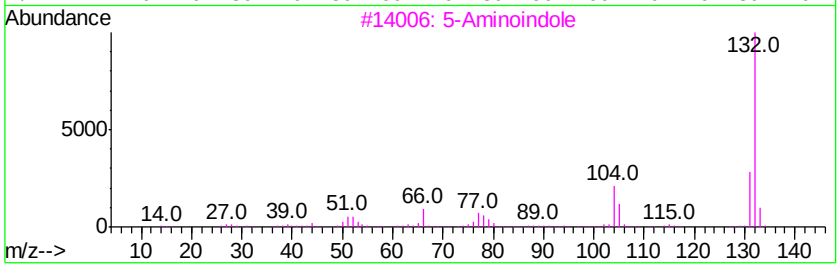
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	60.13 ng	5532870	1,4-Dichlorobenzene-d4	6.90

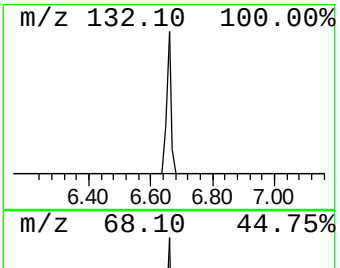
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9

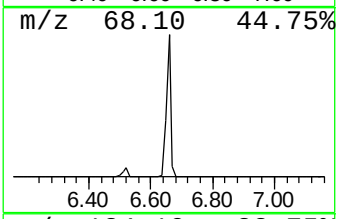


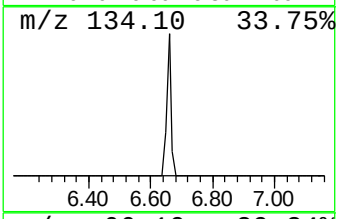


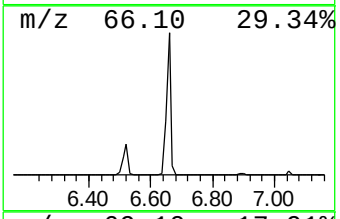


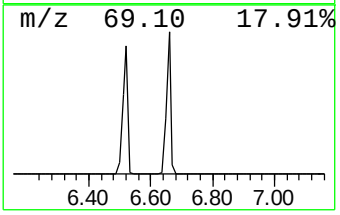












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Instrument : BNA_F
ClientSampleId : CDMSH7

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

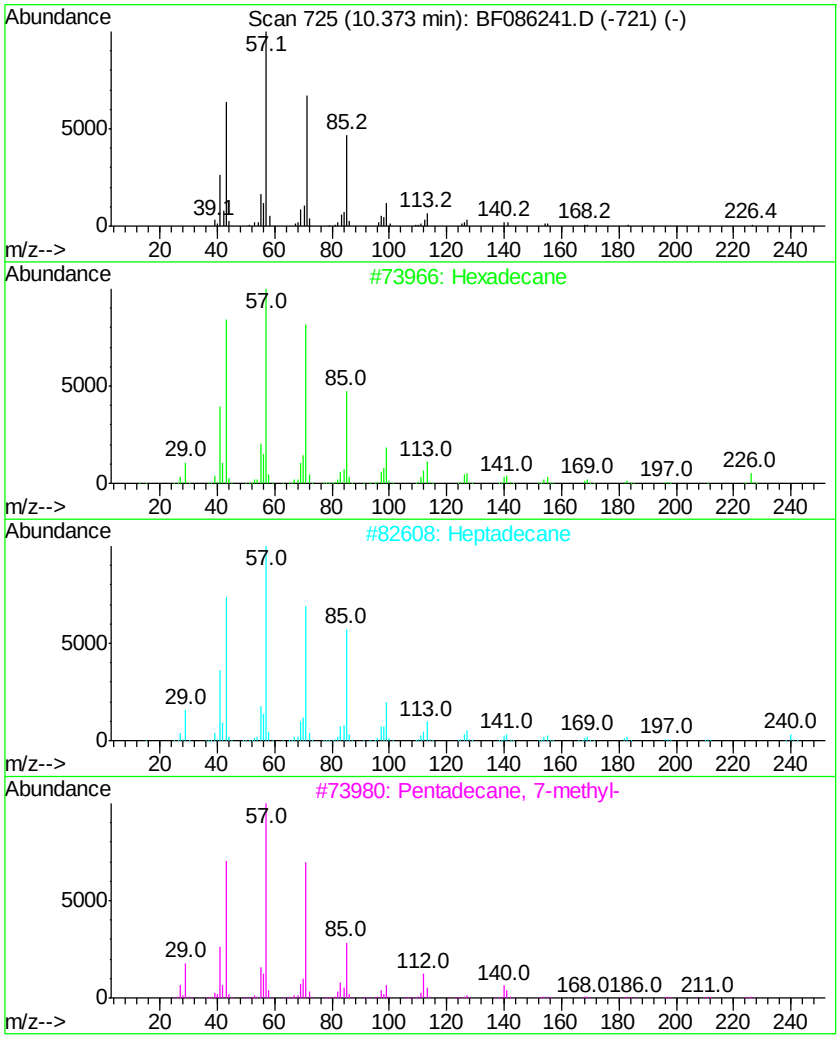
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

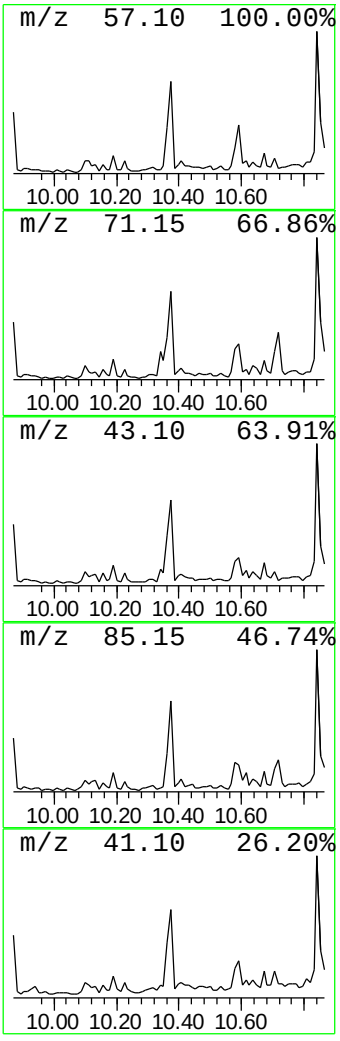
****

Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.11 ng	273212	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Eicosane	282	C20H42	000112-95-8	83





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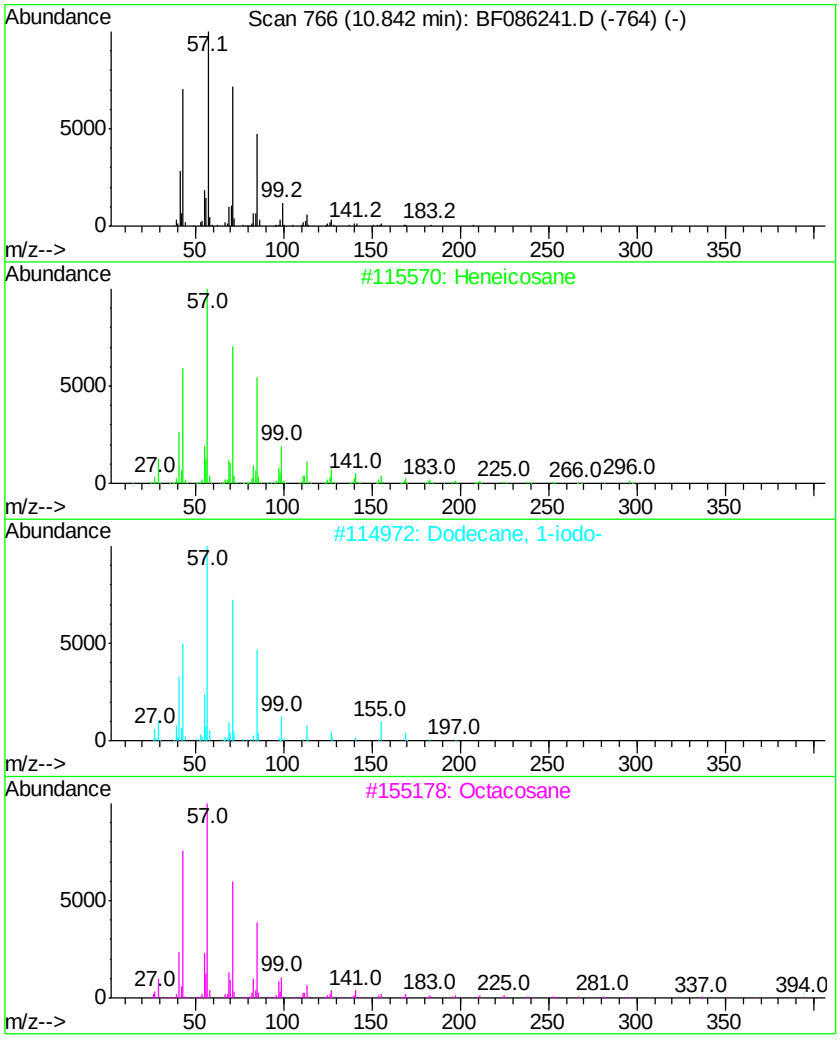
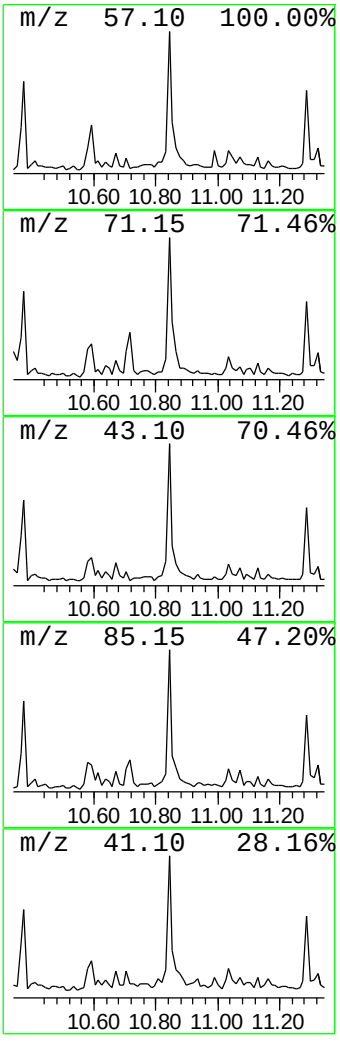
****

Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	3.27 ng	407624	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Octacosane	394	C28H58	000630-02-4	83
4	Eicosane	282	C20H42	000112-95-8	80
5	Hexadecane	226	C16H34	000544-76-3	80





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Sample : H2471-09
Misc :
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Instrument : BNA_F
ClientSampleId : CDMSH7

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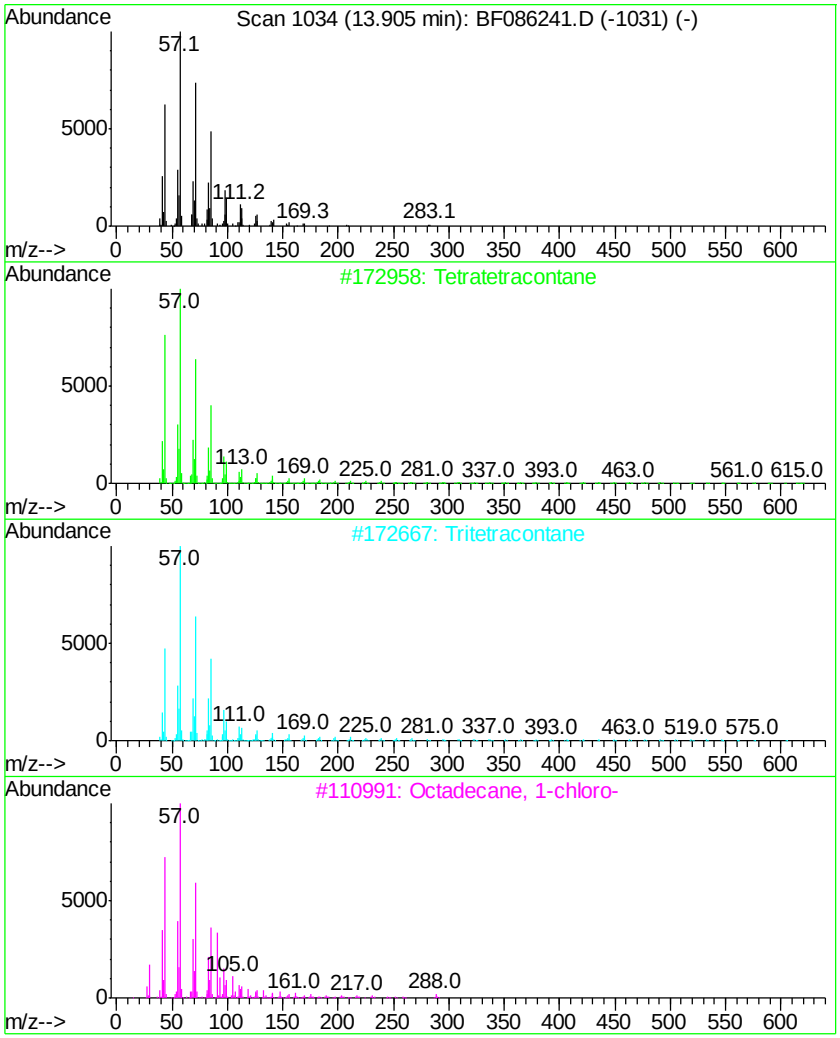
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

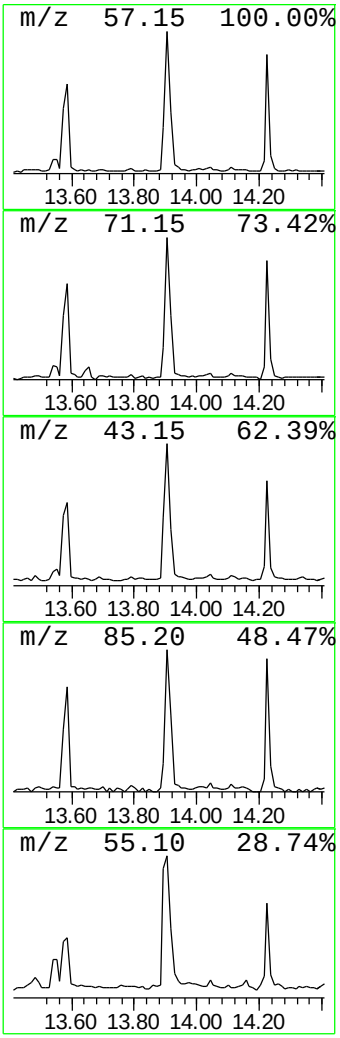
****

Peak Number 7 Tetratetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	3.57 ng	318406	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	90
4	10-Methylnonadecane	282	C20H42	056862-62-5	86
5	Eicosane	282	C20H42	000112-95-8	80





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	3.5	ng	326991	1	6.90	1840250	20.0
2-Pentanone, 4-hy...	5.09	3.7	ng	343981	1	6.90	1840250	20.0
unknown6.66	6.66	60.1	ng	5532870	1	6.90	1840250	20.0
Hexadecane	10.37	2.1	ng	273212	3	9.93	2593930	20.0
Heneicosane	10.84	3.3	ng	407624	4	11.41	2496360	20.0
Tetratetracontane	13.91	3.6	ng	318406	5	14.04	1782630	20.0