LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086257.D
Acq On : 16 Apr 2016 11:11
Operator : UM/SJ
Sample : H2471-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH1

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	2.167	5	7	34	rVB2	250864	654497	10.35%	1.091%
2	5.093	260	263	271	rVB	226340	337728	5.34%	0.563%
3	5.493	295	298	300	rBV	5250860	5995799	94.81%	9.991%
4	6.522	384	388	390	rBV	4999604	6323727	100.00%	10.538%
5	6.659	397	400	402	rBV	5593590	5697677	90.10%	9.495%
6	6.887	418	420	423	rBV	1612049	1707239	27.00%	2.845%
7	7.047	431	434	437	rBV	4637772	4203983	66.48%	7.005%
8	7.459	467	470	472	rBV	3507873	4251403	67.23%	7.085%
9	7.539	474	477	479	rVB	100889	112950	1.79%	0.188%
10	8.179	530	533	535	rBV	2694708	2420930	38.28%	4.034%
11	9.253	624	627	630	rBV	5146663	5186533	82.02%	8.643%
12	9.642	660	661	664	rBV	654980	867540	13.72%	1.446%
13	9.870	679	681	683	rVB	229265	188797	2.99%	0.315%
14	9.928	684	686	688	rVB	2359239	2442936	38.63%	4.071%
15	10.373	721	725	726	rBV	249610	344586	5.45%	0.574%
16	10.476	732	734	737	rVB2	54131	69791	1.10%	0.116%
17	10.591	741	744	745	rBV	121394	171498	2.71%	0.286%
18	10.716	752	755	758	rBV	3260350	3370753	53.30%	5.617%
19	10.842	764	766	771	rVB	400070	423773	6.70%	0.706%
20	11.036	781	783	785	rBV2	45381	82974	1.31%	0.138%
21	11.288	803	805	806	rBV	223388	166054	2.63%	0.277%
22	11.311	806	807	810	rVB2	54043	75597	1.20%	0.126%
23	11.413	814	816	817	rBV	2665395	2416145	38.21%	4.026%
24	11.482	820	822	825	rVB2	84365	106051	1.68%	0.177%
25	11.916	858	860	861	rBV	66526	73792	1.17%	0.123%
26	11.939	861	862	864	rVV	199390	178973	2.83%	0.298%
27	12.019	867	869	874	rVB	91233	157288	2.49%	0.262%
28	12.225	883	887	890	rVB2	43373	94581	1.50%	0.158%
29	12.625	919	922	924	rBV	492571	587712	9.29%	0.979%
30	12.842	937	941	943	rBV3	360083	836087	13.22%	1.393%
31	12.876	943	944	949	rVV3	88808	151619	2.40%	0.253%
32	13.002	952	955	957	rVV	4427586	4650552	73.54%	7.750%
33	13.174	967	970	972	rVB	53795	87372	1.38%	0.146%
34	13.242	972	976	977	rBV	80281	103229	1.63%	0.172%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086257.D
Acq On : 16 Apr 2016 11:11
Operator : UM/SJ
Sample : H2471-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH1

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

35	13.277	977	979	983	rVB2	54019	65992	1.04%	0.110%
36	13.539	999	1002	1004	rBV	118671	187780	2.97%	0.313%
37	13.574	1004	1005	1009	rVB2	60909	100261	1.59%	0.167%
38	13.791	1021	1024	1026	rBV3	40210	66002	1.04%	0.110%
39	13.905	1031	1034	1042	rVB2	195775	303868	4.81%	0.506%
40	14.042	1043	1046	1053	rVB	1723508	2071553	32.76%	3.452%
41	14.225	1060	1062	1064	rBV2	72612	66783	1.06%	0.111%
42	14.534	1086	1089	1094	rBV2	90819	172515	2.73%	0.287%
43	14.831	1111	1115	1119	rBV	40187	67786	1.07%	0.113%
44	15.071	1133	1136	1141	rBV	96657	233195	3.69%	0.389%
45	15.162	1141	1144	1151	rBV3	89446	201010	3.18%	0.335%
46	15.357	1159	1161	1164	rVB	62751	76058	1.20%	0.127%
47	15.414	1164	1166	1169	rVB	82426	99741	1.58%	0.166%
48	15.482	1169	1172	1175	rBV	1070487	1409710	22.29%	2.349%
49	15.962	1211	1214	1216	rBV2	39053	72835	1.15%	0.121%
50	16.877	1291	1294	1301	rBV2	32138	86435	1.37%	0.144%
51	17.300	1328	1331	1337	rVB	27233	64189	1.02%	0.107%
52	17.483	1343	1347	1353	rBV6	45116	123905	1.96%	0.206%

Sum of corrected areas: 60009784

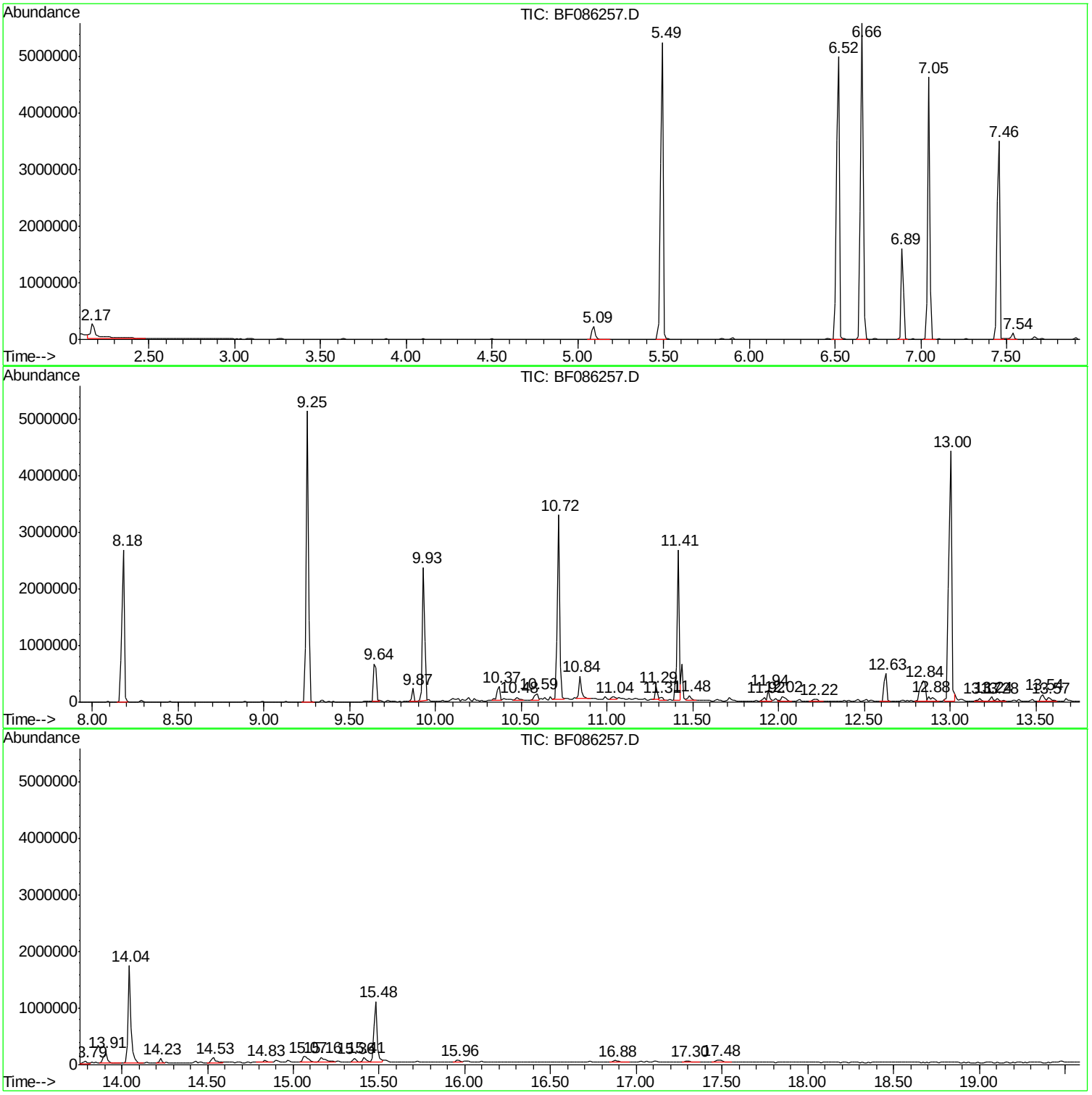
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086257.D
Acq On : 16 Apr 2016 11:11
Operator : UM/SJ
Sample : H2471-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH1

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086257.D
Acq On : 16 Apr 2016 11:11
Operator : UM/SJ
Sample : H2471-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH1

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

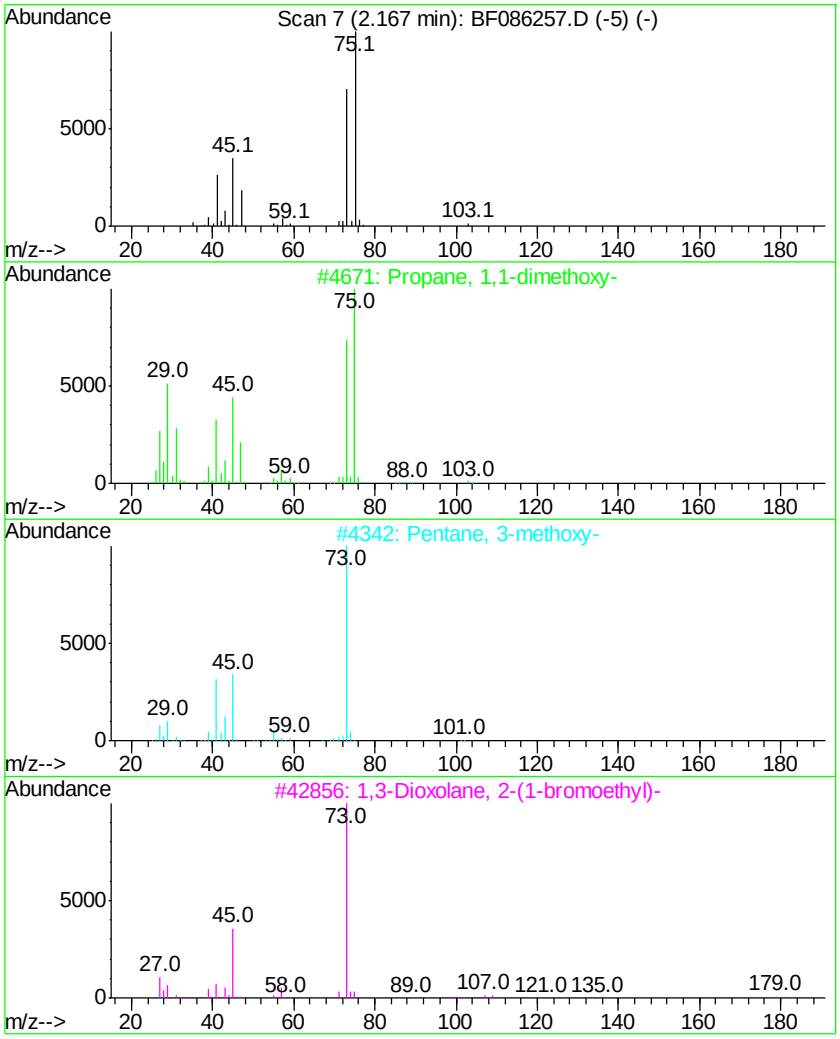
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

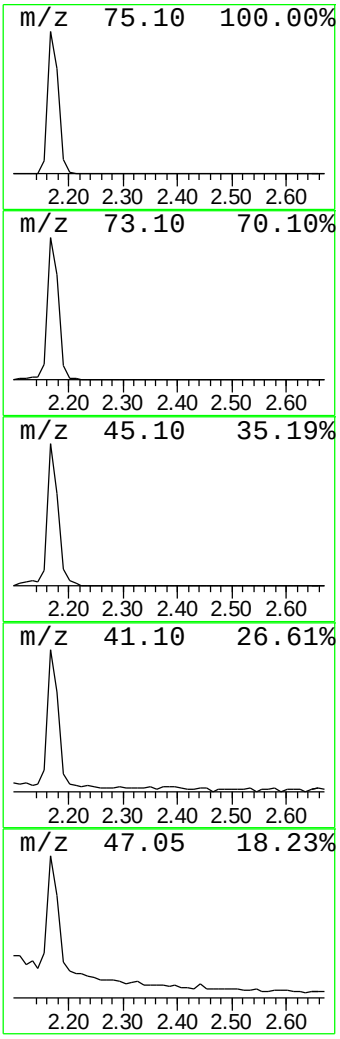
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	7.67 ng	654497	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
3	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	10
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
5	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086257.D
Acq On : 16 Apr 2016 11:11
Operator : UM/SJ
Sample : H2471-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH1

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

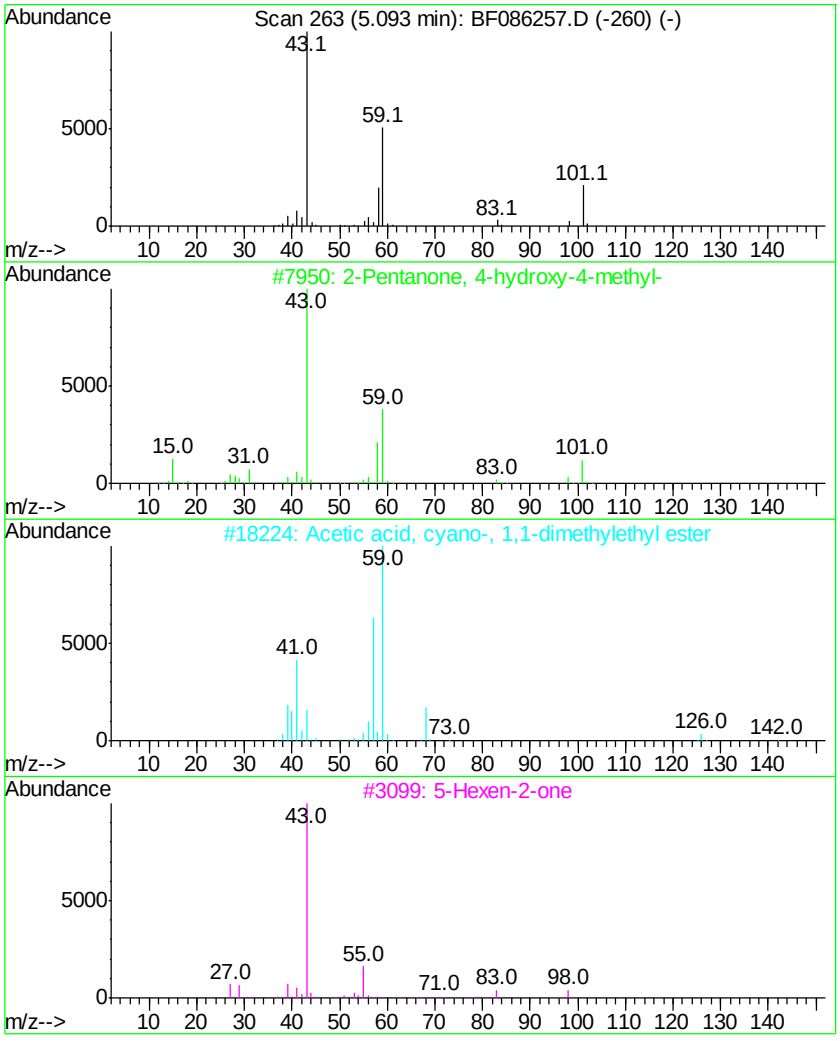
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

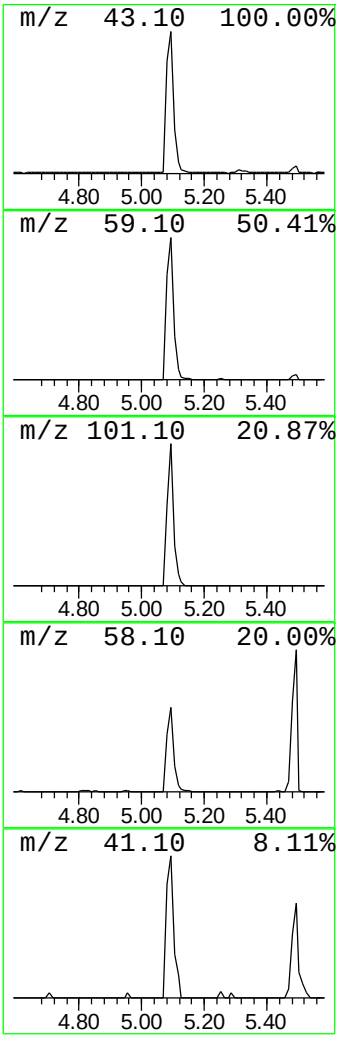
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	3.96 ng	337728	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086257.D
Acq On : 16 Apr 2016 11:11
Operator : UM/SJ
Sample : H2471-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH1

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

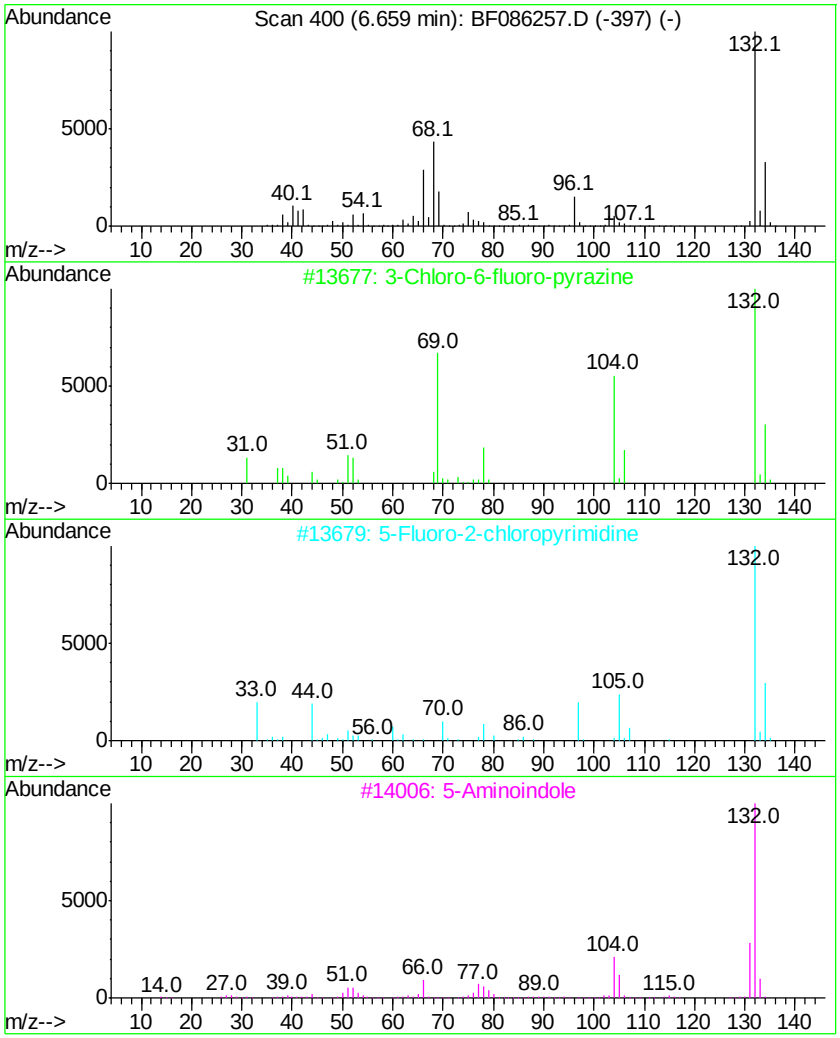
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

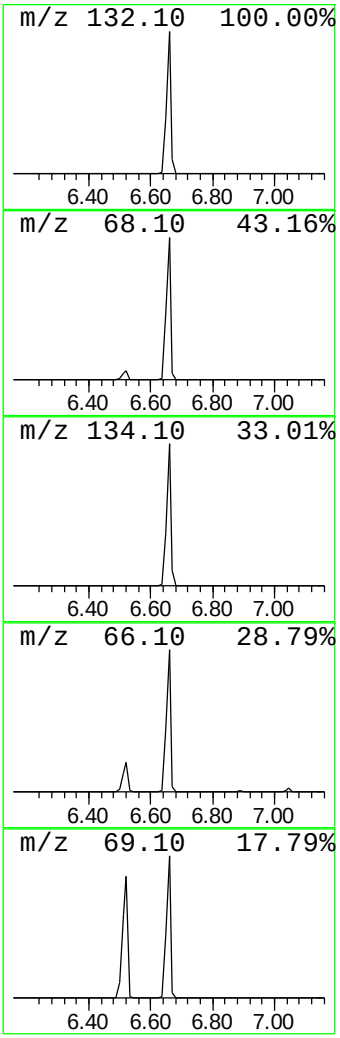
****

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	66.75 ng	5697680	1,4-Dichlorobenzene-d4	6.89

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	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086257.D
Acq On : 16 Apr 2016 11:11
Operator : UM/SJ
Sample : H2471-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH1

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

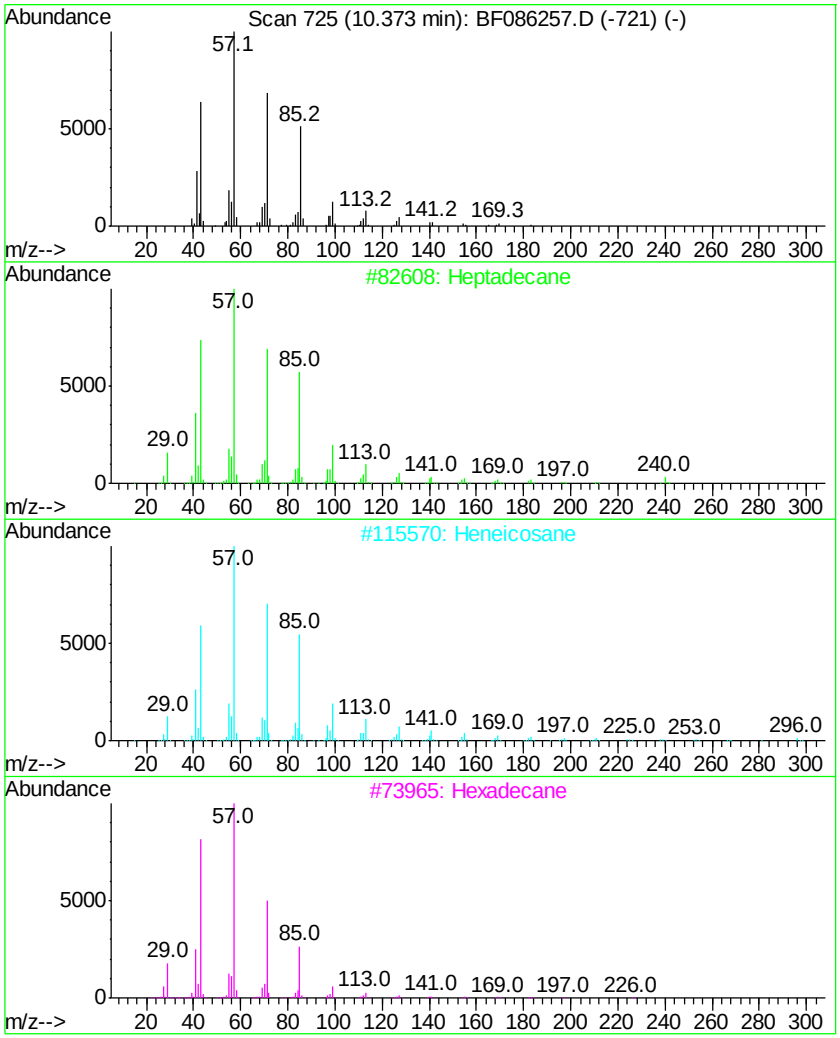
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

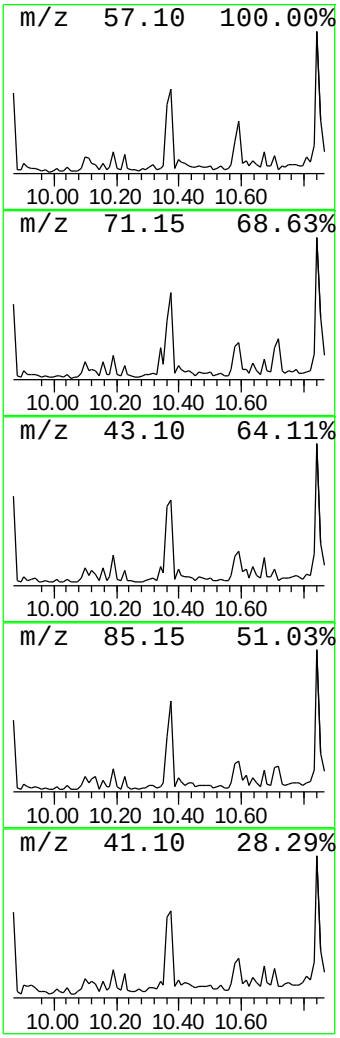
****

Peak Number 5 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.82 ng	344586	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086257.D
Acq On : 16 Apr 2016 11:11
Operator : UM/SJ
Sample : H2471-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH1

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

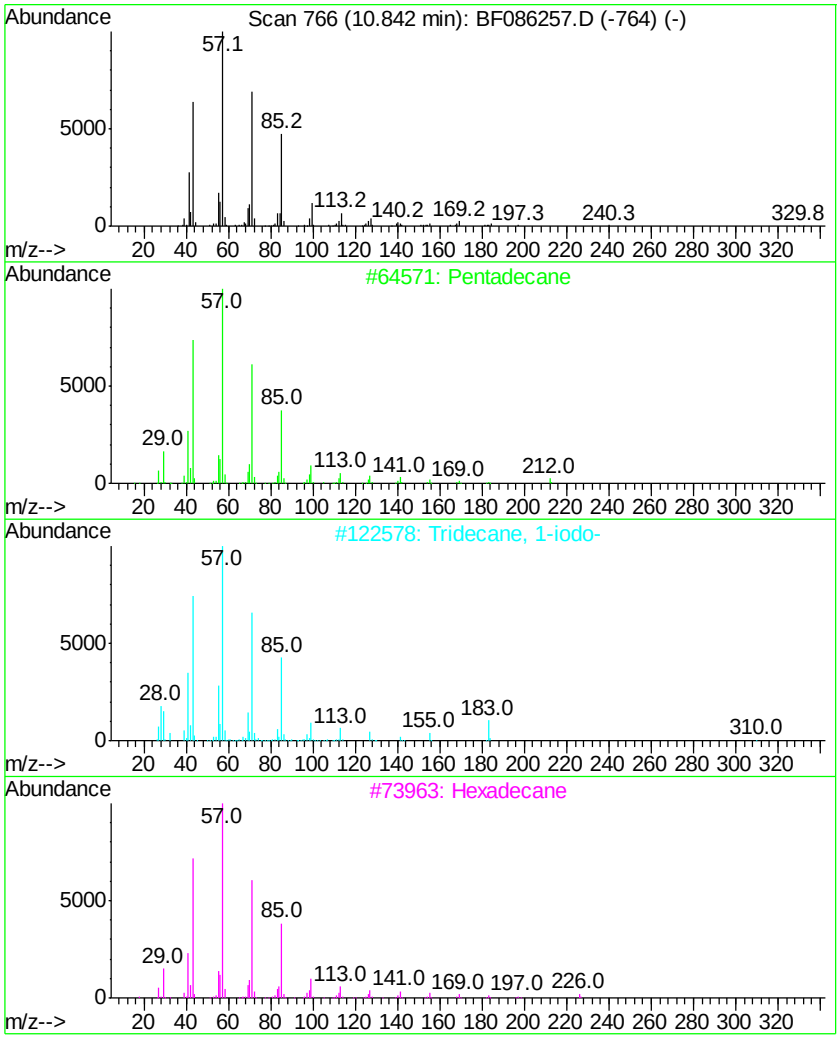
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

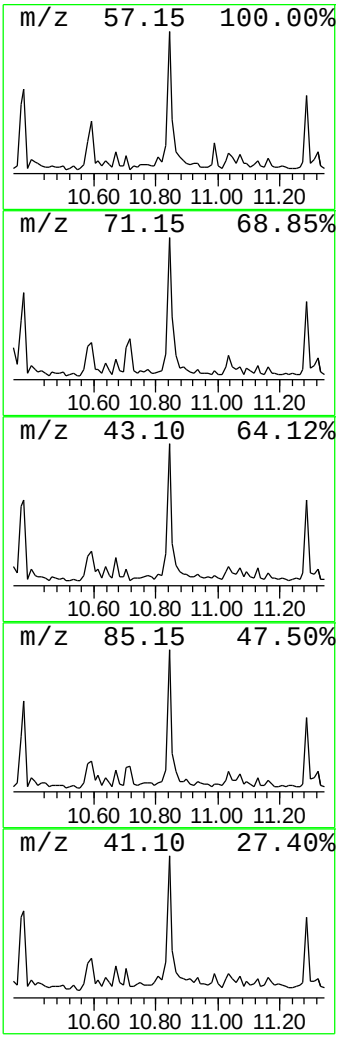
****

Peak Number 6 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	3.51 ng	423773	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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Data File : BF086257.D
Acq On : 16 Apr 2016 11:11
Operator : UM/SJ
Sample : H2471-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH1

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

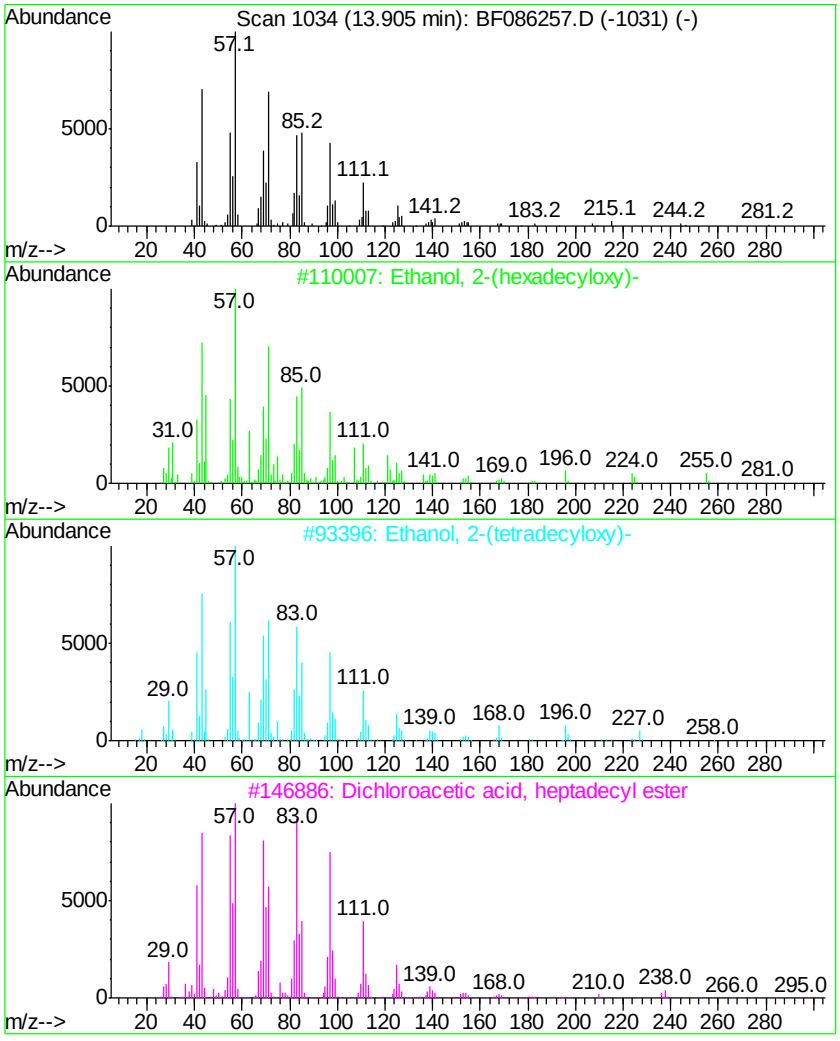
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

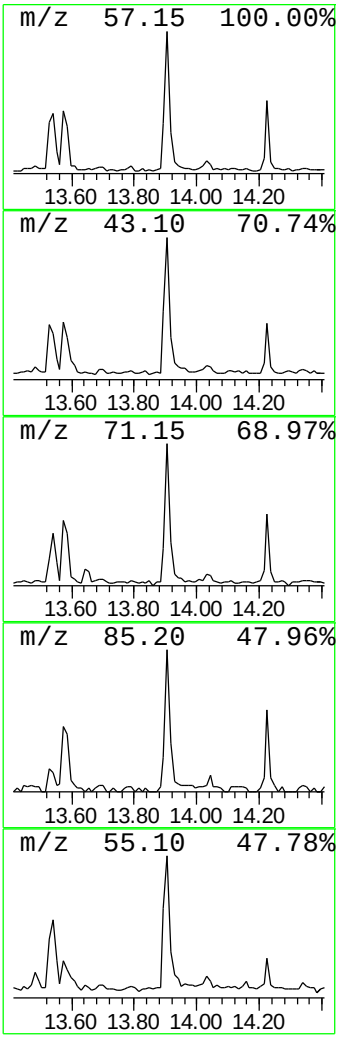
****

Peak Number 8 Ethanol, 2-(hexadecyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	2.93 ng	303868	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	76
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	70
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	70





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Data File : BF086257.D
Acq On : 16 Apr 2016 11:11
Operator : UM/SJ
Sample : H2471-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH1

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

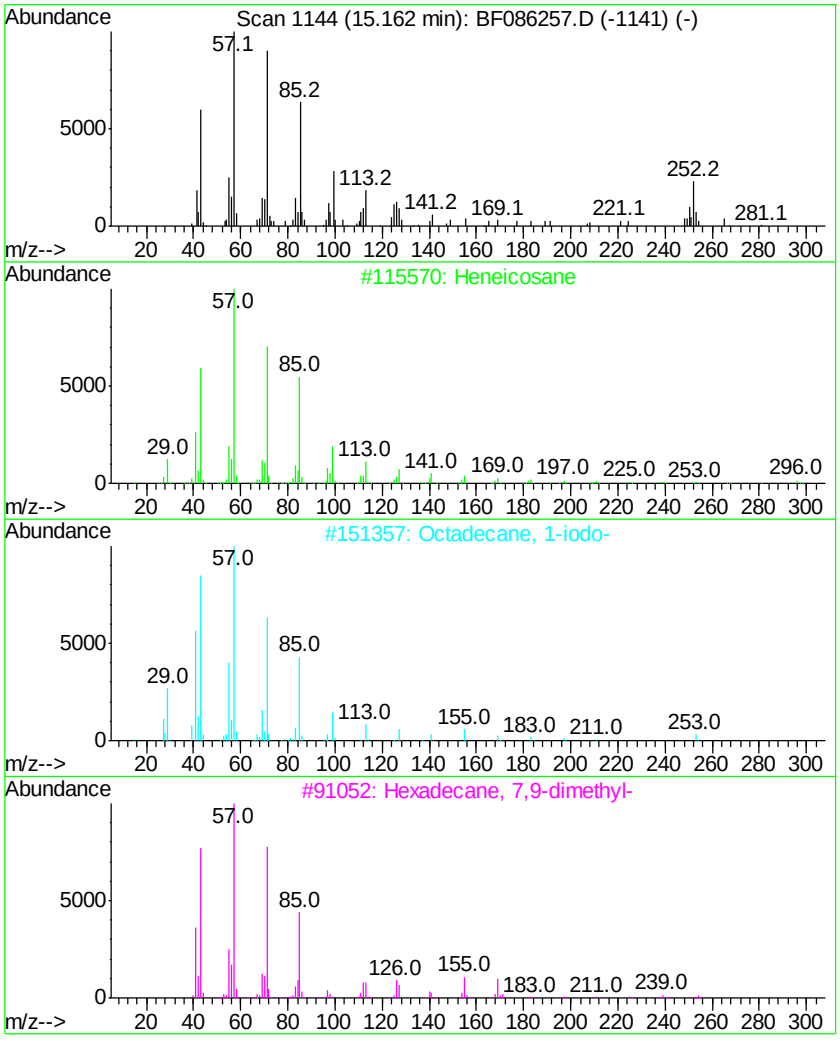
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

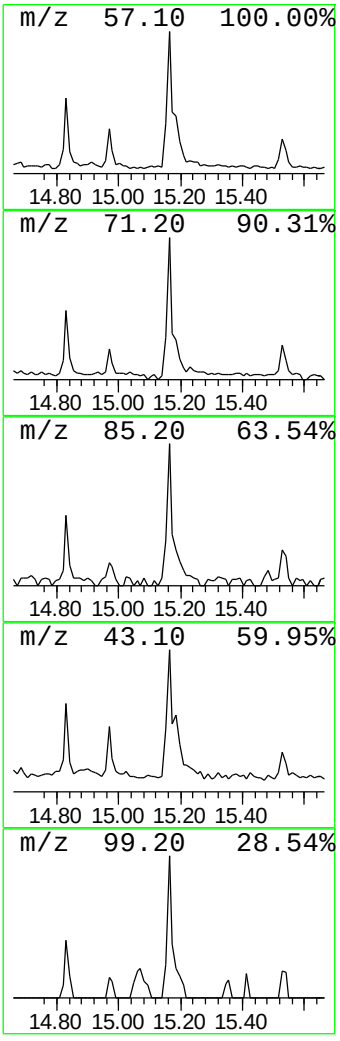
****

Peak Number 9 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.85 ng	201010	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	68
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
5	Hexadecane	226	C16H34	000544-76-3	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086257.D
Acq On : 16 Apr 2016 11:11
Operator : UM/SJ
Sample : H2471-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-dime...	2.17	7.7	ng	654497	1	6.89	1707240	20.0
2-Pentanone, 4-hy...	5.09	4.0	ng	337728	1	6.89	1707240	20.0
unknown6.66	6.66	66.8	ng	5697680	1	6.89	1707240	20.0
Heptadecane	10.37	2.8	ng	344586	3	9.93	2442940	20.0
Pentadecane	10.84	3.5	ng	423773	4	11.41	2416150	20.0
Ethanol, 2-(hexad...	13.91	2.9	ng	303868	5	14.04	2071550	20.0
Heneicosane	15.16	2.9	ng	201010	6	15.48	1409710	20.0