LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086252.D
Acq On : 16 Apr 2016 8:52
Operator : UM/SJ
Sample : H2537-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B7(15-17)

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	25	rVB	366971	697811	10.51%	1.160%
2	5.093	260	263	268	rBV	286553	392221	5.91%	0.652%
3	5.493	295	298	300	rBV	5538343	6019199	90.67%	10.004%
4	6.522	384	388	390	rBV	5606846	6525590	98.30%	10.845%
5	6.659	397	400	403	rBV	5750162	6112728	92.08%	10.159%
6	6.887	418	420	423	rBV	1442248	1668303	25.13%	2.773%
7	7.047	431	434	437	rBV	4973377	4767158	71.81%	7.923%
8	7.459	467	470	472	rBV	4159357	4787878	72.12%	7.957%
9	8.179	530	533	535	rBV	2599898	2325841	35.03%	3.865%
10	9.253	624	627	630	rBV	5601274	6638772	100.00%	11.033%
11	9.642	659	661	663	rBV	472638	602961	9.08%	1.002%
12	9.688	663	665	667	rVB	106600	85660	1.29%	0.142%
13	9.871	679	681	683	rVB	137023	110217	1.66%	0.183%
14	9.928	684	686	689	rVB	2277932	2385984	35.94%	3.965%
15	10.373	721	725	726	rBV	142104	214590	3.23%	0.357%
16	10.591	741	744	747	rBV	79378	131610	1.98%	0.219%
17	10.716	752	755	758	rBV	3527500	3800837	57.25%	6.317%
18	10.842	764	766	770	rVB	259734	284663	4.29%	0.473%
19	11.048	781	784	785	rBV2	39697	83178	1.25%	0.138%
20	11.288	803	805	806	rBV	154807	123254	1.86%	0.205%
21	11.414	814	816	818	rBV	2693115	2314660	34.87%	3.847%
22	11.939	860	862	865	rBV	148532	209299	3.15%	0.348%
23	13.002	952	955	958	rBV	5182117	5555269	83.68%	9.233%
24	13.242	972	976	978	rBV2	41524	76706	1.16%	0.127%
25	13.517	998	1000	1001	rBV	132311	126363	1.90%	0.210%
26	13.539	1001	1002	1004	rVV	69601	81423	1.23%	0.135%
27	13.574	1004	1005	1010	rVB	55767	77598	1.17%	0.129%
28	13.905	1031	1034	1044	rBV	460701	746794	11.25%	1.241%
29	14.042	1044	1046	1049	rBV	1715459	1629470	24.54%	2.708%
30	14.534	1086	1089	1096	rBV3	36341	95543	1.44%	0.159%
31	14.900	1119	1121	1125	rBV	70782	98701	1.49%	0.164%
32	15.483	1169	1172	1175	rBV	1035273	1331614	20.06%	2.213%
33	16.008	1215	1218	1222	rBV4	31233	67709	1.02%	0.113%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086252.D
Acq On : 16 Apr 2016 8:52
Operator : UM/SJ
Sample : H2537-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B7(15-17)

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

Sum of corrected areas: 60169604

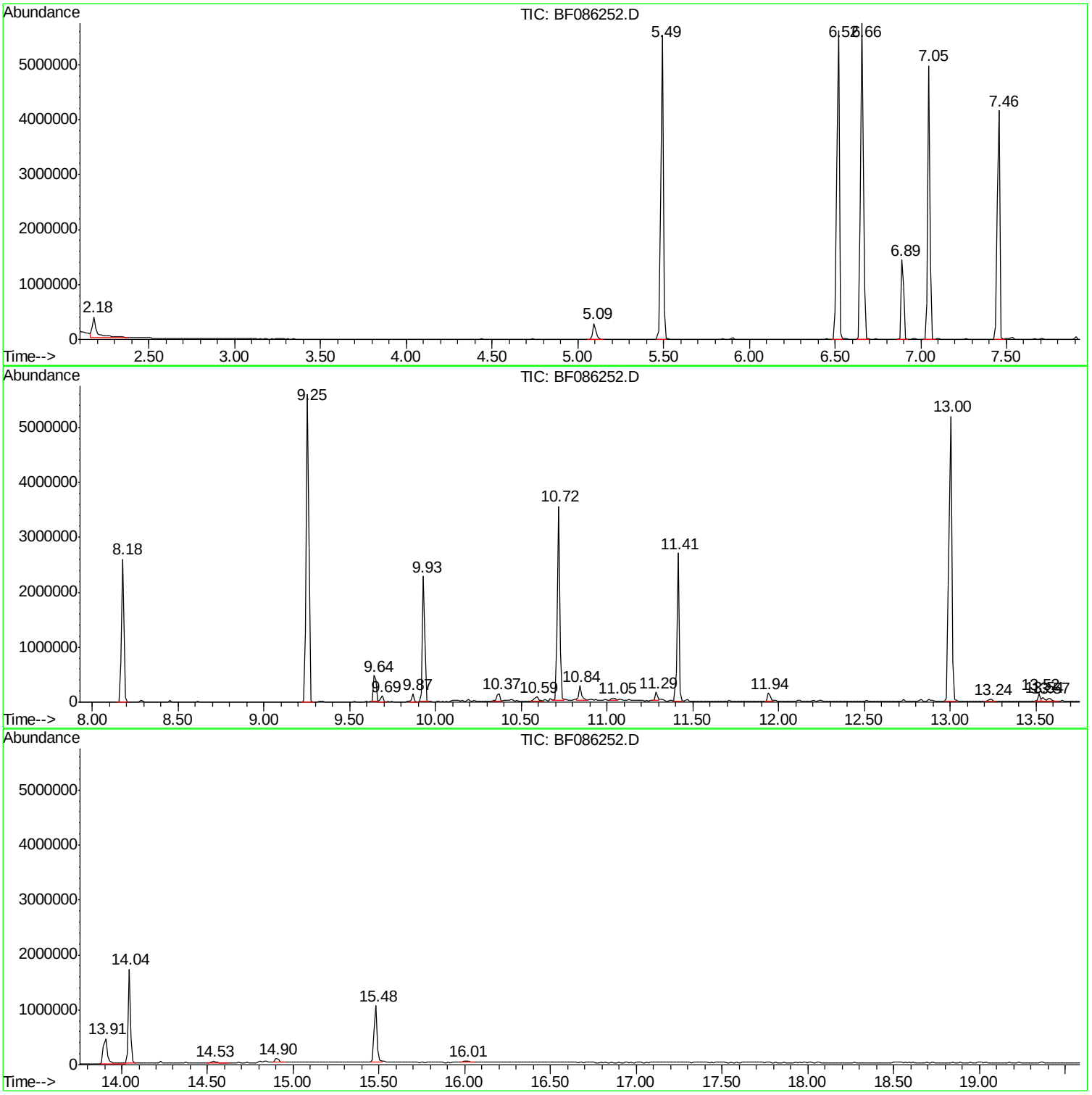
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086252.D
Acq On : 16 Apr 2016 8:52
Operator : UM/SJ
Sample : H2537-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B7(15-17)

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 : BF086252.D
Acq On : 16 Apr 2016 8:52
Operator : UM/SJ
Sample : H2537-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B7(15-17)

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

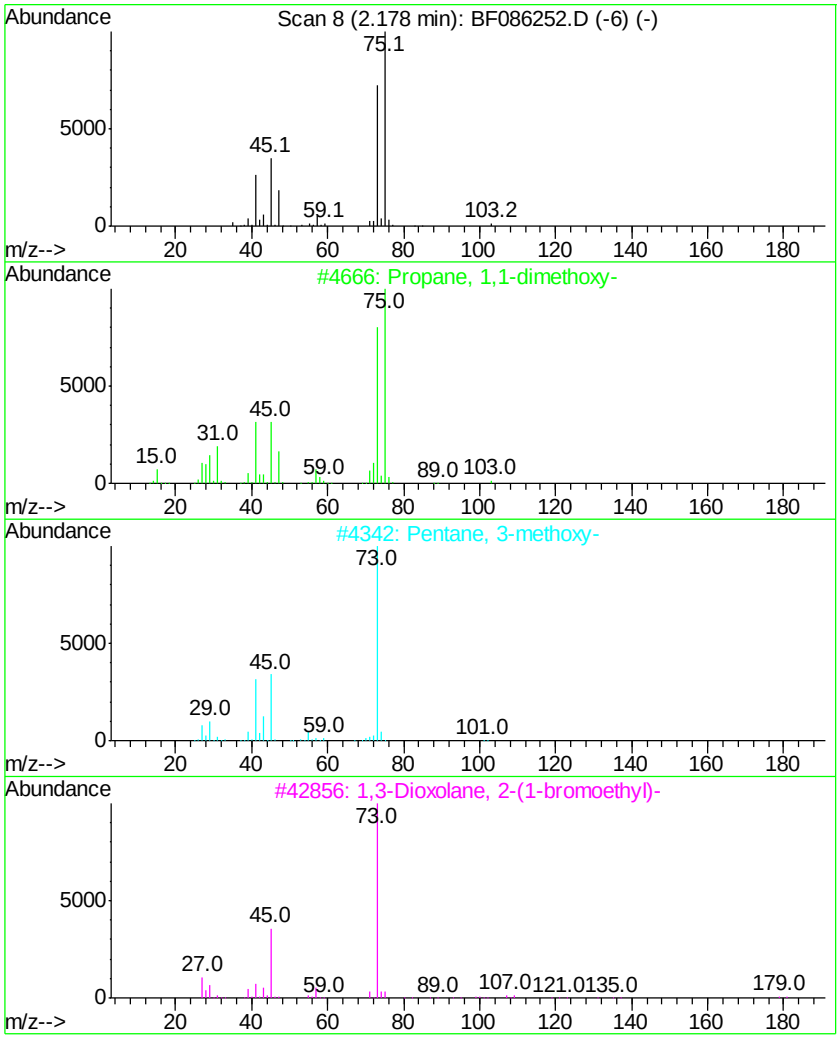
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

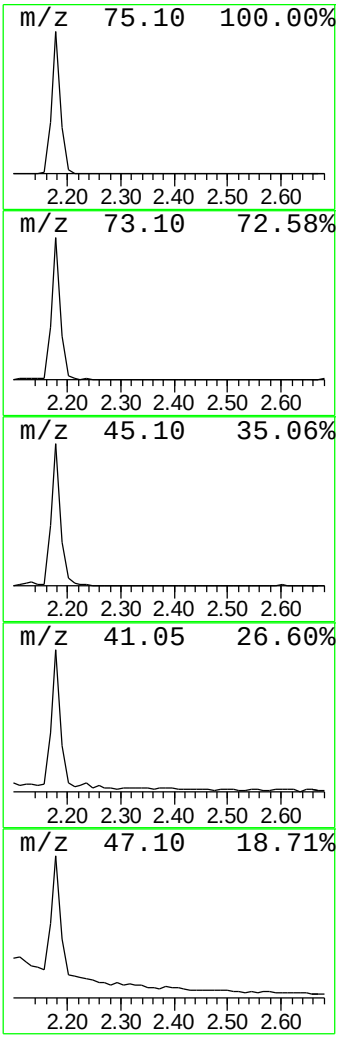
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	8.37 ng	697811	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	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	14
3	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	10
4	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
5	Ethane, 2-chloro-1,1-dimethoxy-	124	C4H9ClO2	000097-97-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086252.D
Acq On : 16 Apr 2016 8:52
Operator : UM/SJ
Sample : H2537-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B7(15-17)

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

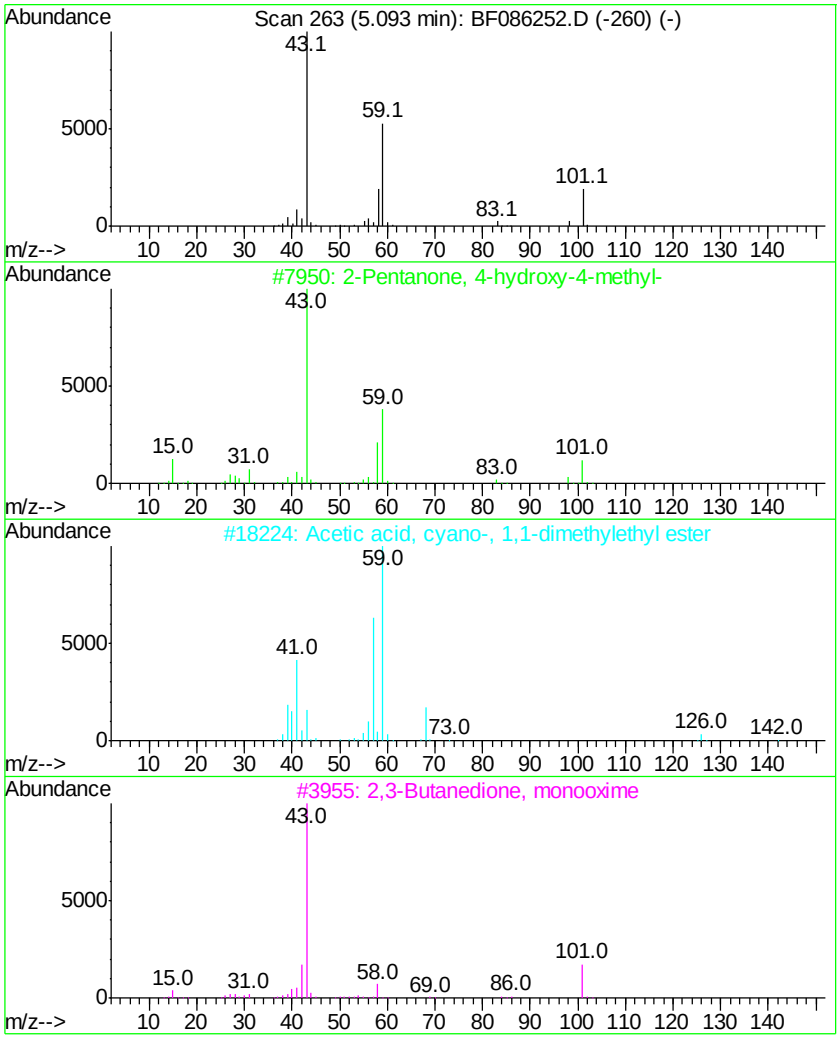
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

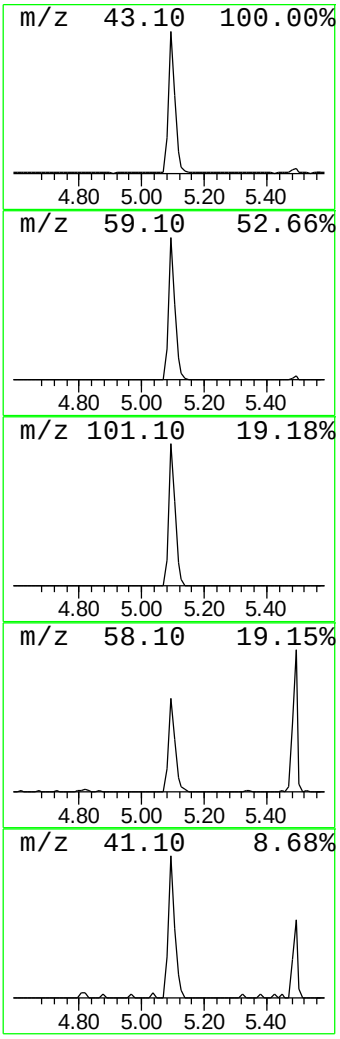
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	4.70 ng	392221	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	53
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	Acetone	58	C3H6O	000067-64-1	9
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086252.D
Acq On : 16 Apr 2016 8:52
Operator : UM/SJ
Sample : H2537-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B7(15-17)

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
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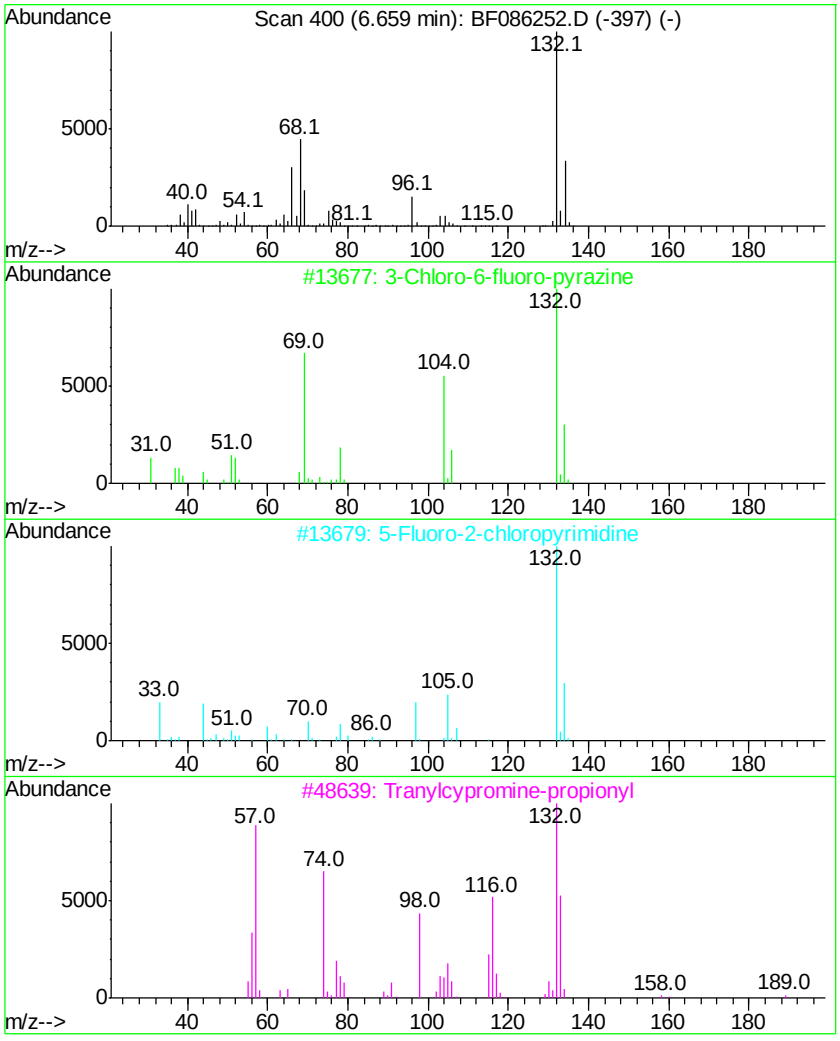
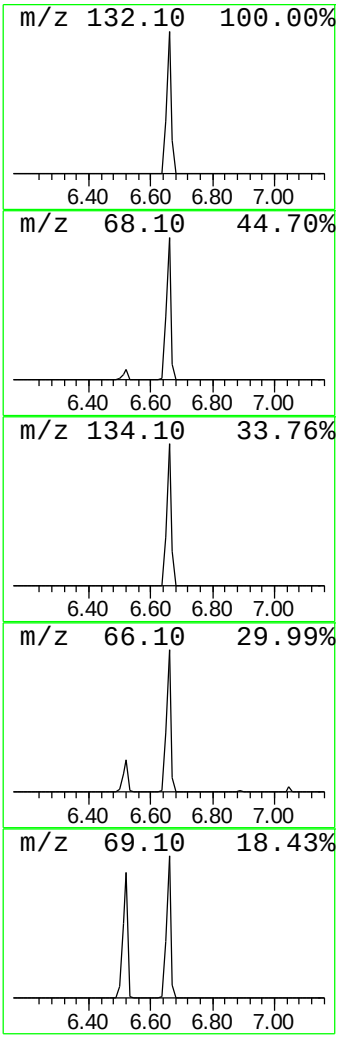
Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	73.28 ng	6112730	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





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Instrument : BNA_F
ClientSampleId : B7(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
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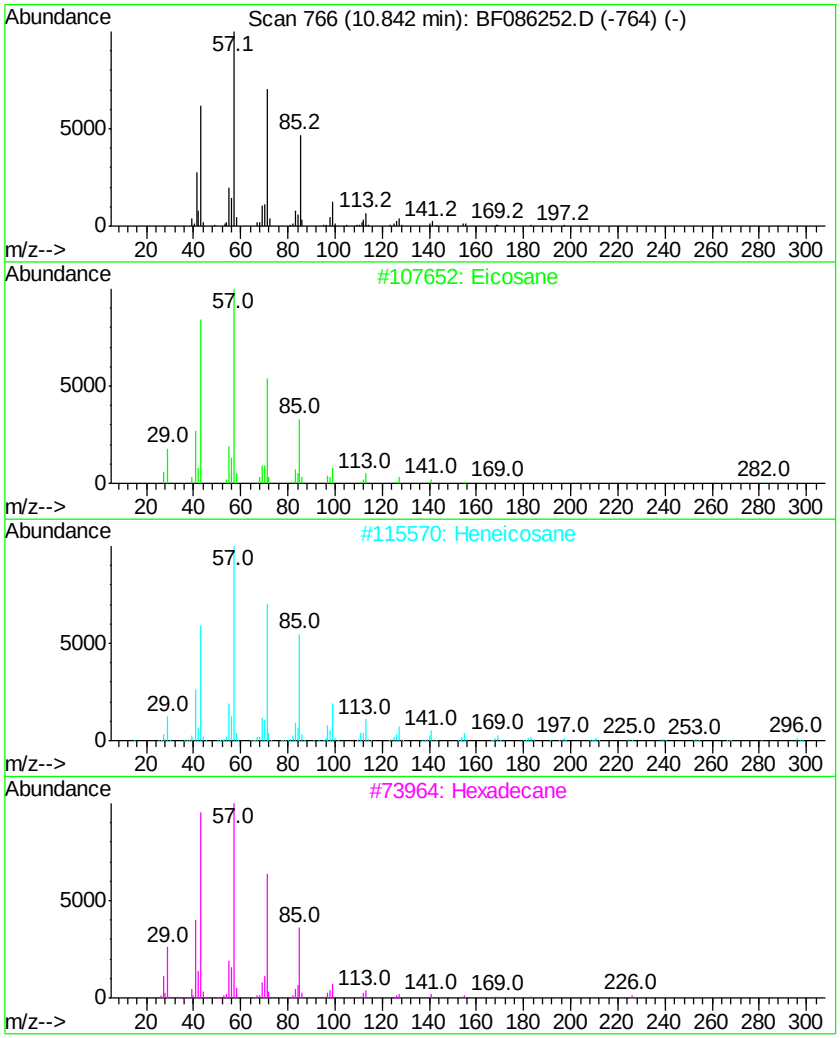
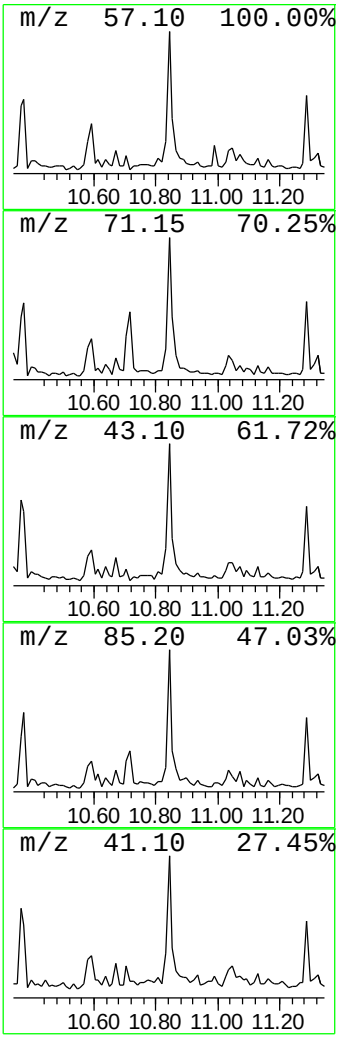
****

Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	2.46 ng	284663	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086252.D
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Operator : UM/SJ
Sample : H2537-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B7(15-17)

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

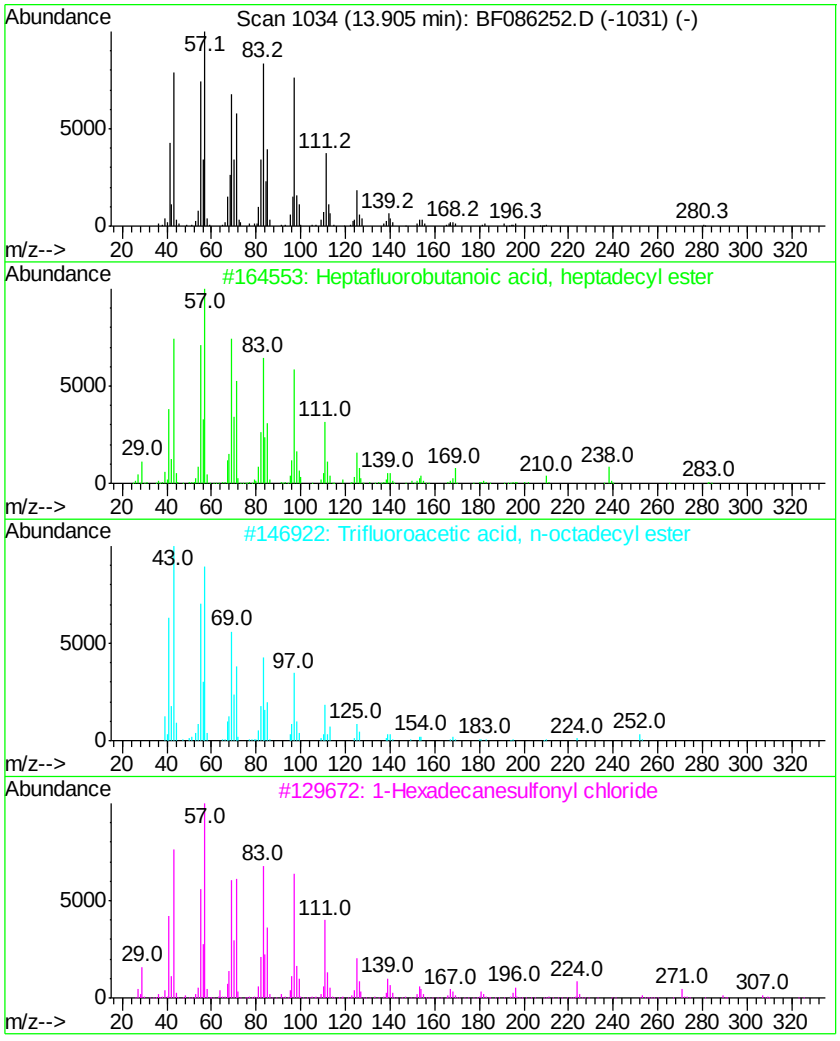
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

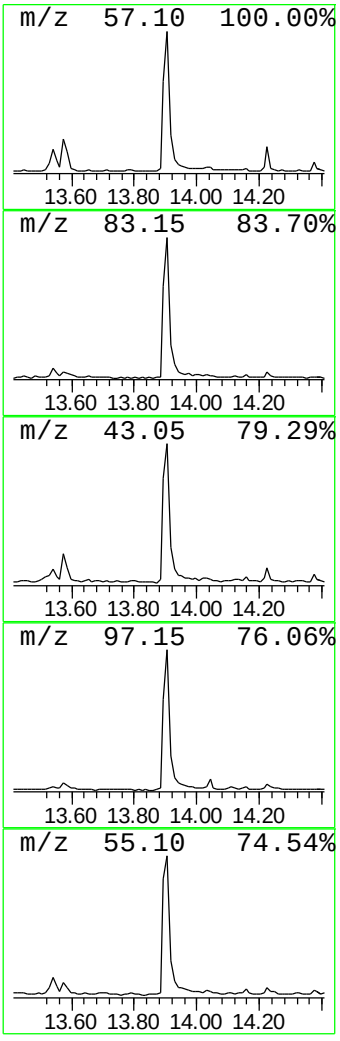
****

Peak Number 6 Heptafluorobutanoic acid, h... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	9.17 ng	746794	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : B7(15-17)

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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...	2.18	8.4	ng	697811	1	6.89	1668300	20.0
2-Pentanone, 4-hy...	5.09	4.7	ng	392221	1	6.89	1668300	20.0
unknown6.66	6.66	73.3	ng	6112730	1	6.89	1668300	20.0
Eicosane	10.84	2.5	ng	284663	4	11.41	2314660	20.0
Heptafluorobutano...	13.91	9.2	ng	746794	5	14.04	1629470	20.0