LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086932.D
Acq On : 12 May 2016 16:01
Operator : UM/SJ
Sample : H2968-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP38-5.5FT

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-BF050916.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	1.633	3	4	12	rVB	728967	1117282	12.78%	2.270%
2	1.747	12	14	62	rVB	3137121	8745543	100.00%	17.772%
3	4.776	277	279	285	rBV	144798	282801	3.23%	0.575%
4	5.222	315	318	320	rBV	3576293	4130704	47.23%	8.394%
5	6.285	408	411	414	rBV	3222747	3916158	44.78%	7.958%
6	6.399	418	421	423	rBV	3382911	4139620	47.33%	8.412%
7	6.616	438	440	443	rBV	1029729	1106953	12.66%	2.249%
8	6.776	451	454	456	rBV	3086553	2841913	32.50%	5.775%
9	7.199	488	491	493	rBV	1890704	2790853	31.91%	5.671%
10	7.325	499	502	508	rVB	77217	107482	1.23%	0.218%
11	7.908	550	553	555	rBV	1608936	1485250	16.98%	3.018%
12	8.982	644	647	650	rBV	2711331	3618537	41.38%	7.353%
13	9.382	681	682	685	rVV	468150	654664	7.49%	1.330%
14	9.599	699	701	703	rBV	183411	171189	1.96%	0.348%
15	9.656	703	706	708	rBV	1779537	1697901	19.41%	3.450%
16	10.068	736	742	743	rBV3	40427	91610	1.05%	0.186%
17	10.102	743	745	746	rVB	246269	220134	2.52%	0.447%
18	10.319	761	764	767	rBV	114208	181520	2.08%	0.369%
19	10.445	772	775	777	rBV	2750511	2748472	31.43%	5.585%
20	10.571	784	786	793	rVB	307589	374238	4.28%	0.760%
21	11.016	823	825	826	rBV	188905	158914	1.82%	0.323%
22	11.131	833	835	838	rVV	1840573	1679008	19.20%	3.412%
23	11.382	855	857	860	rBV	45452	91453	1.05%	0.186%
24	11.439	860	862	865	rVB	112835	102093	1.17%	0.207%
25	11.679	881	883	887	rBV	77295	96336	1.10%	0.196%
26	11.851	893	898	899	rBV2	61508	98373	1.12%	0.200%
27	12.434	947	949	952	rBV	65601	111277	1.27%	0.226%
28	12.719	971	974	976	rBV	3610387	3559613	40.70%	7.233%
29	13.074	1002	1005	1007	rVV	131643	201795	2.31%	0.410%
30	13.634	1052	1054	1062	rBV	99575	233501	2.67%	0.474%
31	13.760	1062	1065	1067	rBV	1490489	1448755	16.57%	2.944%
32	15.120	1181	1184	1192	rBV	829433	1006718	11.51%	2.046%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086932.D
Acq On : 12 May 2016 16:01
Operator : UM/SJ
Sample : H2968-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP38-5.5FT

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-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 49210660

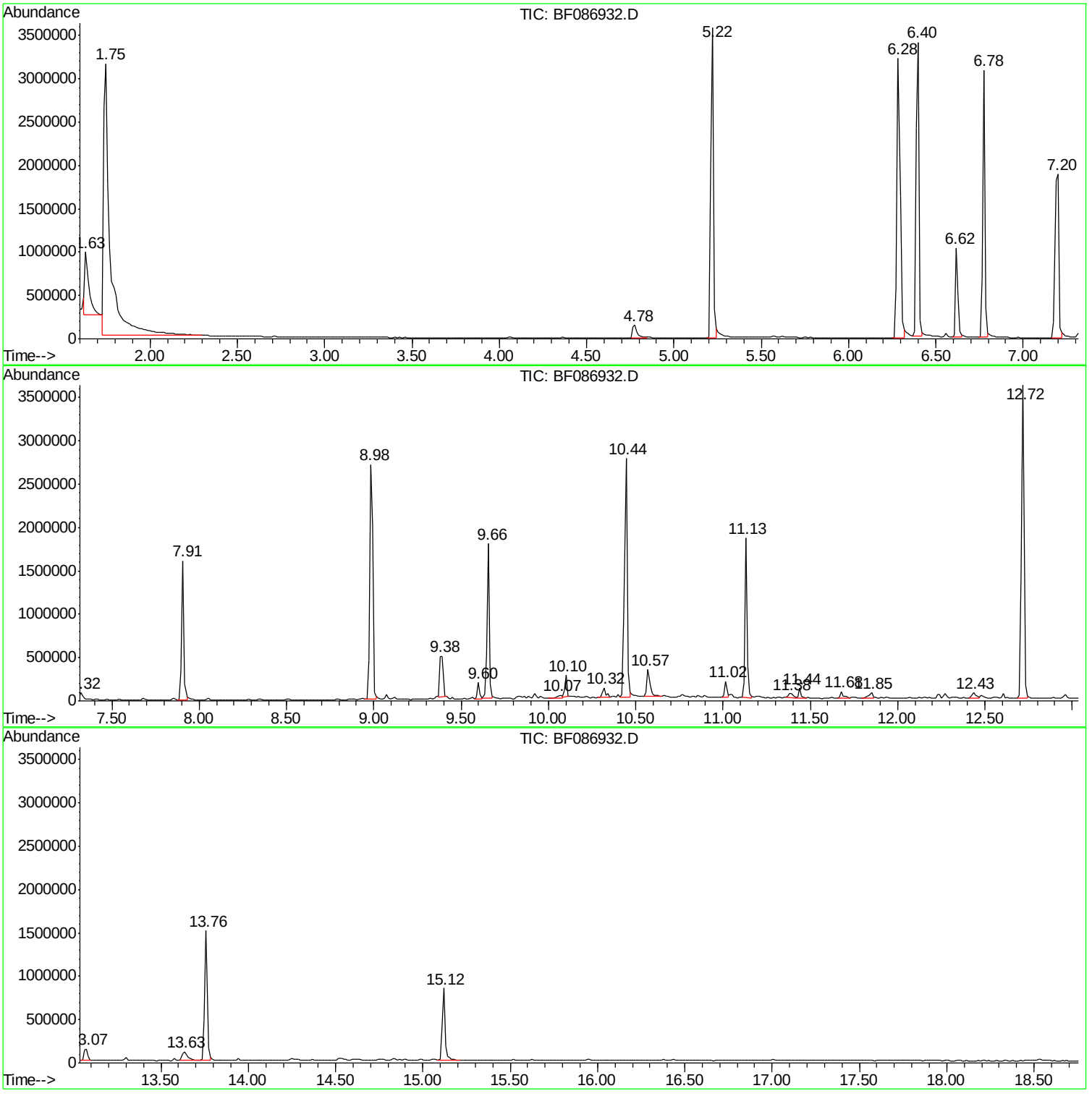
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086932.D
Acq On : 12 May 2016 16:01
Operator : UM/SJ
Sample : H2968-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP38-5.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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\BF051216\
Data File : BF086932.D
Acq On : 12 May 2016 16:01
Operator : UM/SJ
Sample : H2968-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP38-5.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

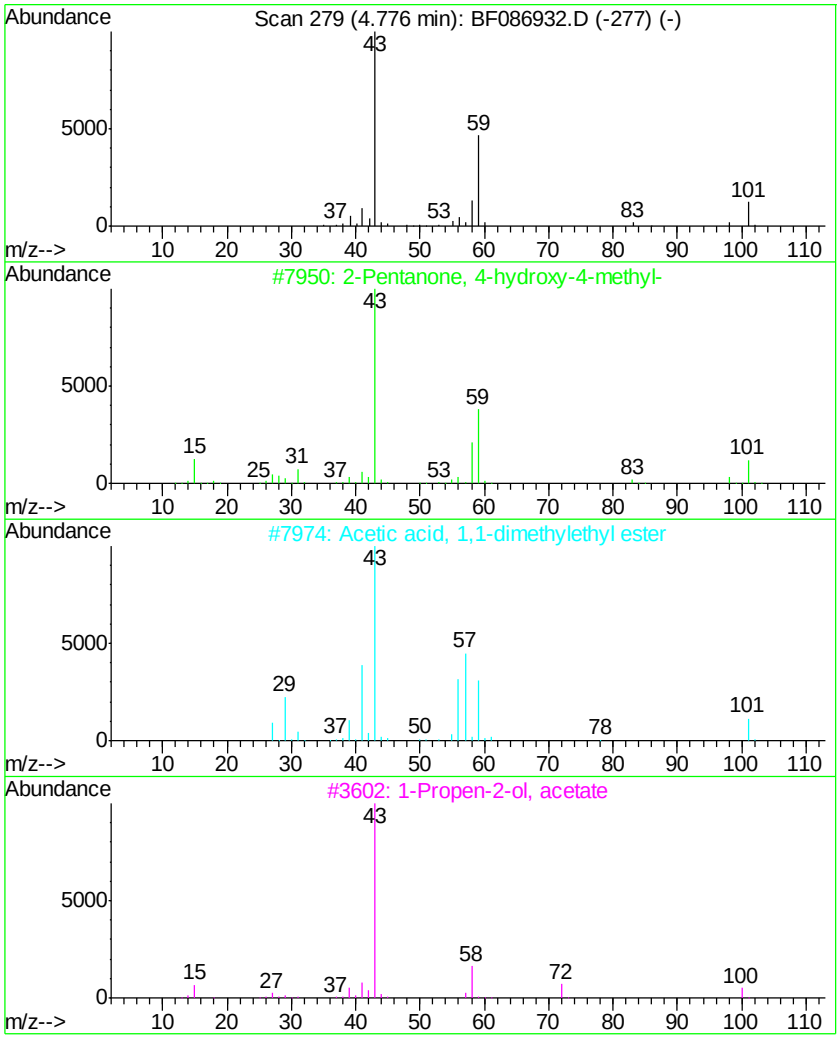
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

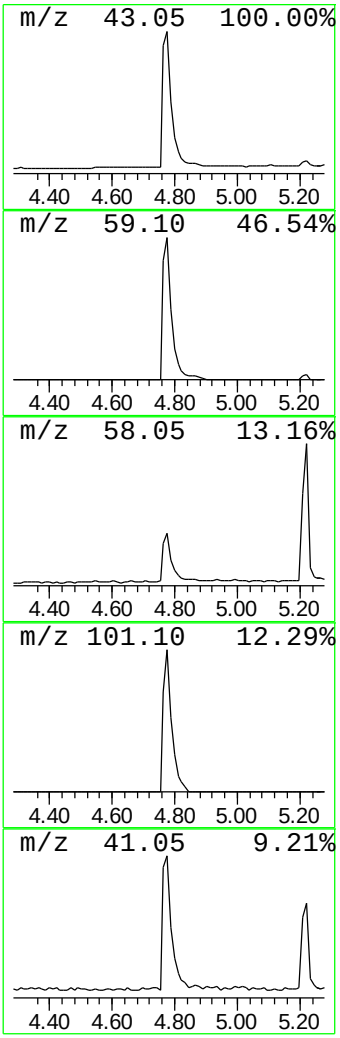
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	5.11 ng	282801	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	dl-4-Amino-3-hydroxybutyric acid	119	C4H9NO3	000352-21-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086932.D
Acq On : 12 May 2016 16:01
Operator : UM/SJ
Sample : H2968-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP38-5.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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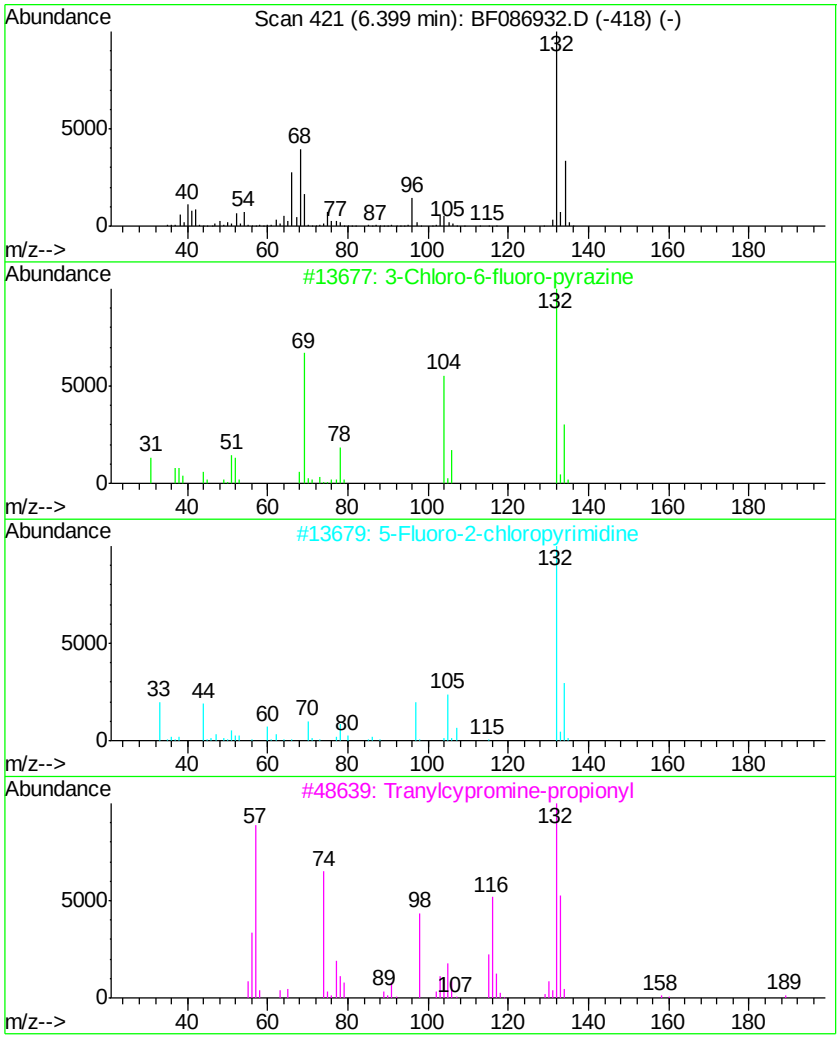
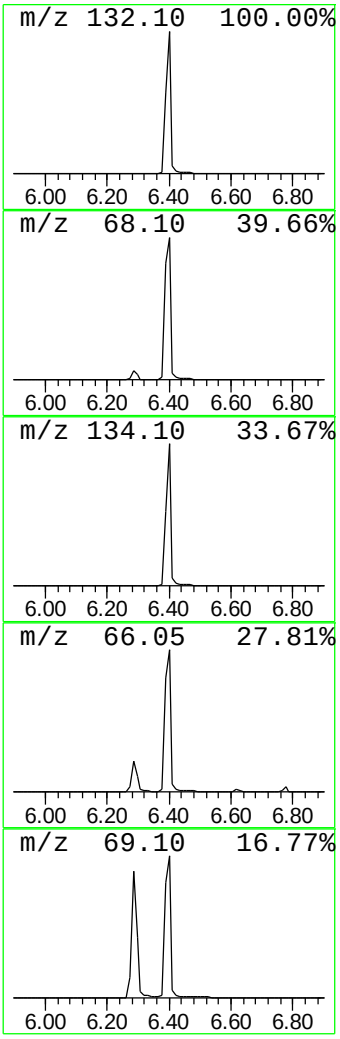
Peak Number 4 unknown6.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	74.79 ng	4139620	1,4-Dichlorobenzene-d4	6.62

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086932.D
Acq On : 12 May 2016 16:01
Operator : UM/SJ
Sample : H2968-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP38-5.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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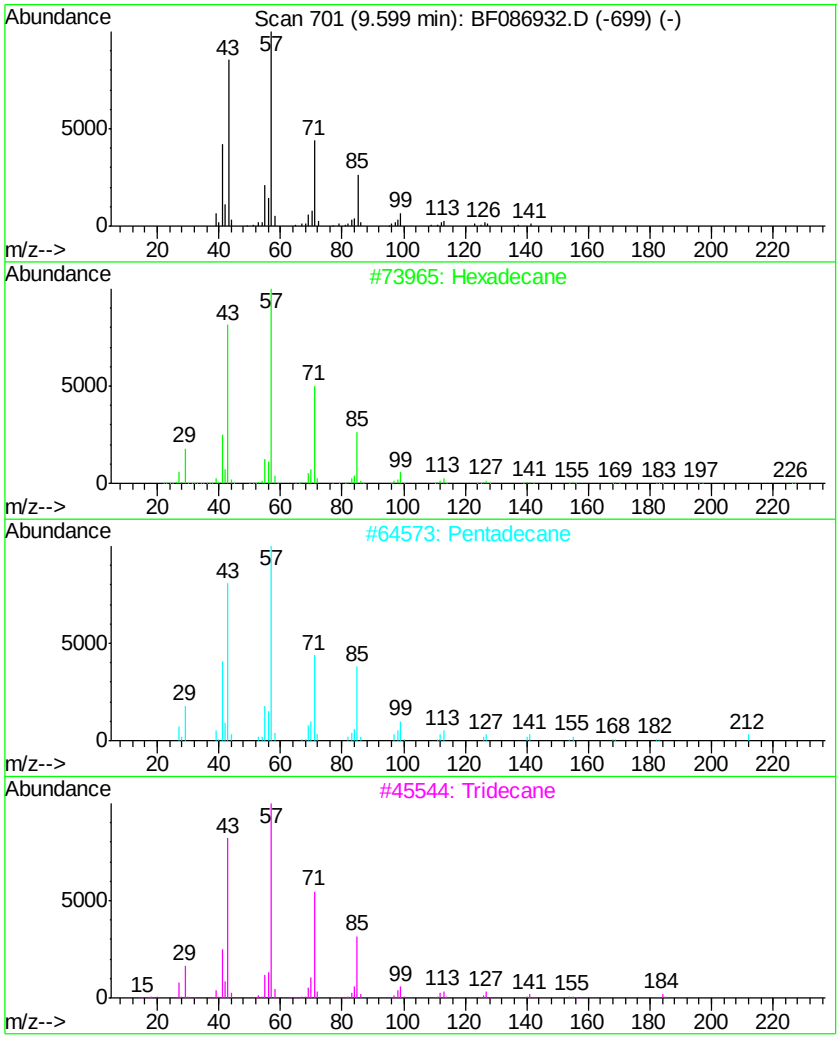
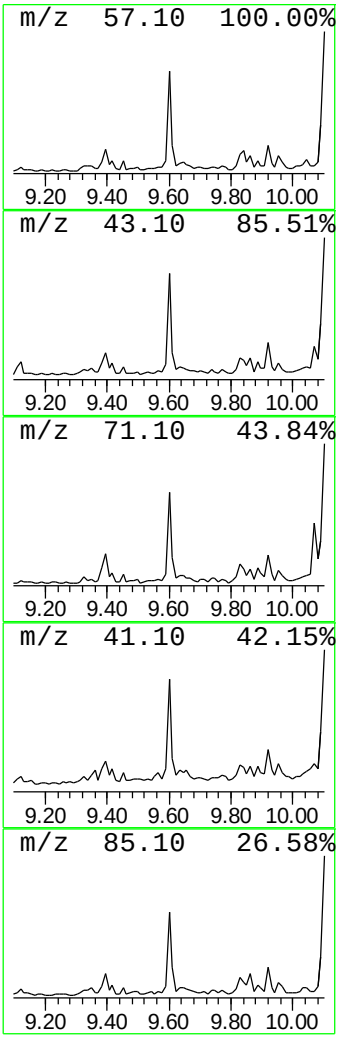
Peak Number 6 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	2.02 ng	171189	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Eicosane	282	C20H42	000112-95-8	59
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086932.D
Acq On : 12 May 2016 16:01
Operator : UM/SJ
Sample : H2968-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP38-5.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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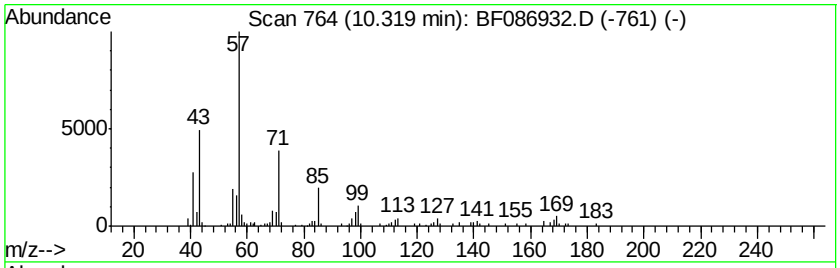
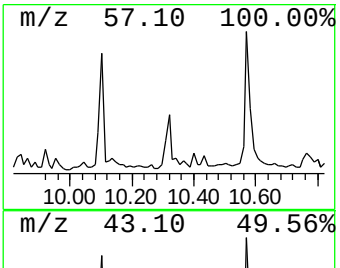
Peak Number 8 Undecane, 3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.14 ng	181520	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	86
2	5-Ethyldecane	170	C12H26	017302-36-2	81
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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Acq On : 12 May 2016 16:01
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Sample : H2968-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP38-5.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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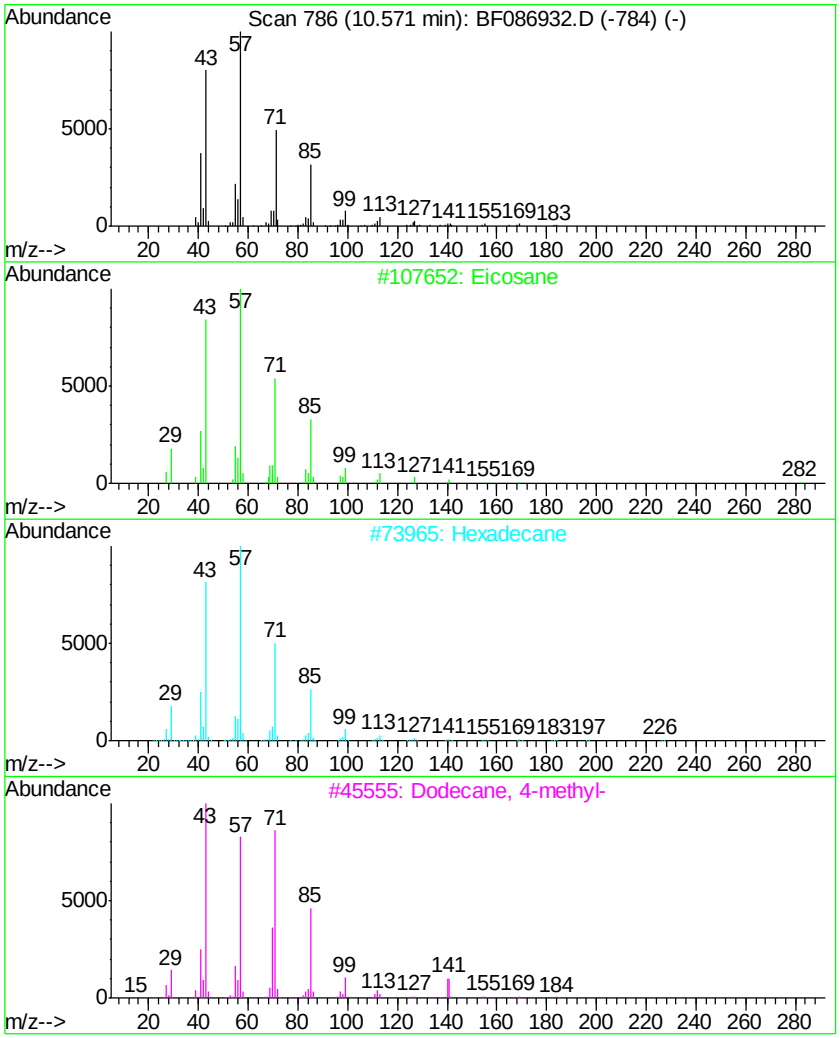
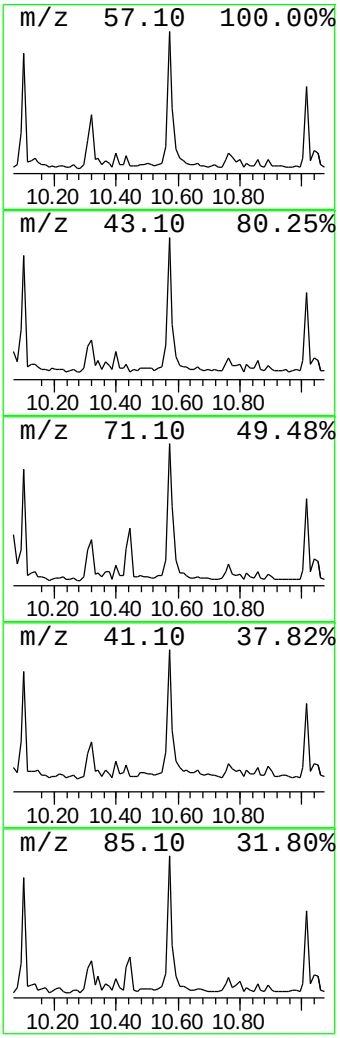
Peak Number 9 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	4.46 ng	374238	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Tridecane	184	C13H28	000629-50-5	86





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Data File : BF086932.D
Acq On : 12 May 2016 16:01
Operator : UM/SJ
Sample : H2968-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP38-5.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

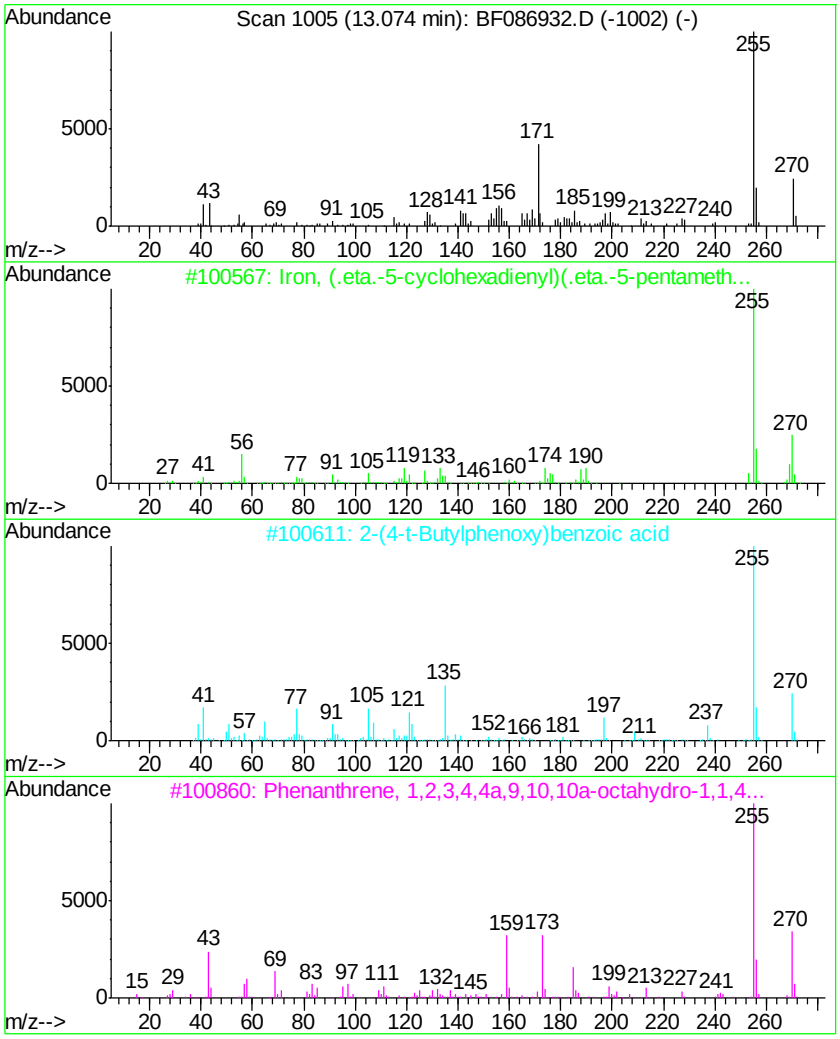
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

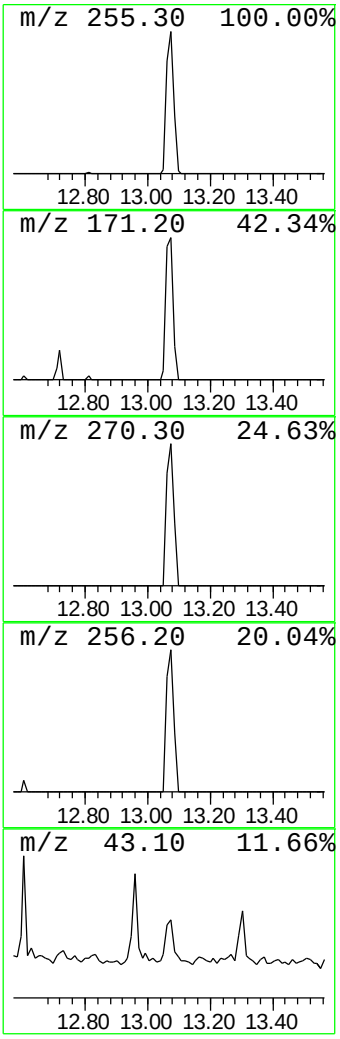
****

Peak Number 10 unknown13.07 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.79 ng	201795	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Iron, (.eta.-5-cyclohexadienyl)(...	270	C16H22Fe	1000162-99-3	47
2	2-(4-t-Butylphenoxy)benzoic acid	270	C17H18O3	069737-65-1	47
3	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	47
4	Benzonitrile, 4-(4-pentylcyclohe...	255	C18H25N	062788-05-0	43
5	1,4-Bis[(trimethylsilyl)ethynyl]...	270	C16H22Si2	073392-23-1	42





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Acq On : 12 May 2016 16:01
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Sample : H2968-01
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Instrument : BNA_F
ClientSampleId : TP38-5.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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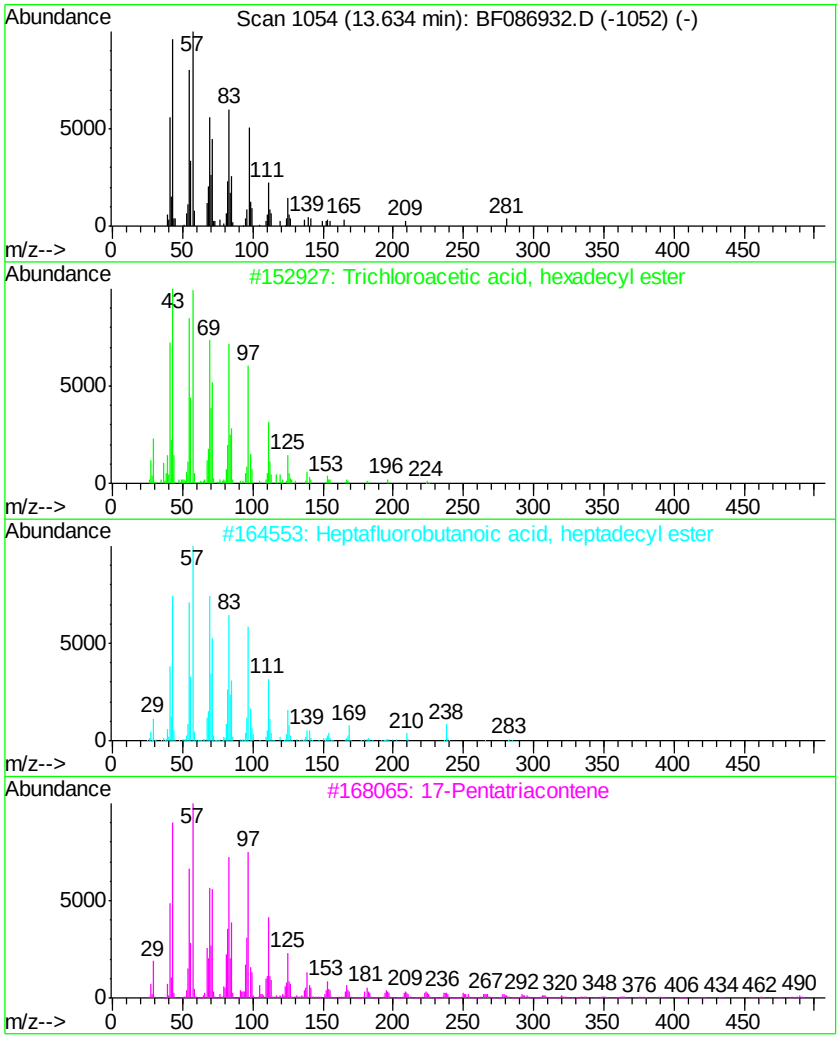
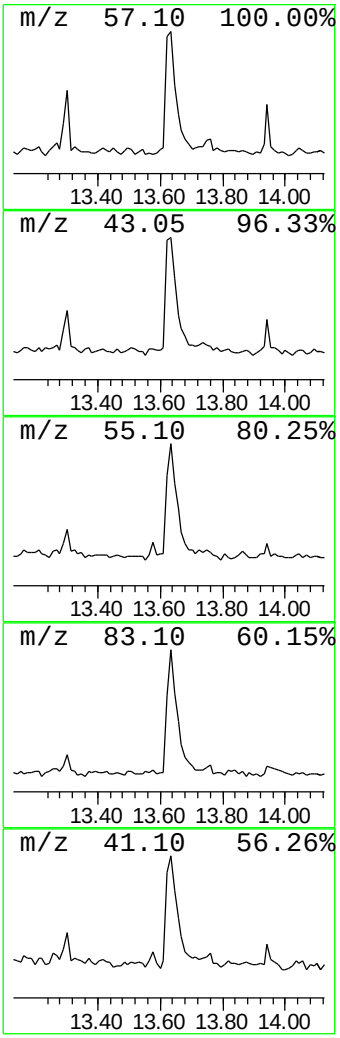
Peak Number 11 Trichloroacetic acid, hexad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	3.22 ng	233501	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086932.D
Acq On : 12 May 2016 16:01
Operator : UM/SJ
Sample : H2968-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP38-5.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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...	4.78	5.1	ng	282801	1	6.62	1106950	20.0
unknown6.40	6.40	74.8	ng	4139620	1	6.62	1106950	20.0
Hexadecane	9.60	2.0	ng	171189	3	9.66	1697900	20.0
Undecane, 3,5-dim...	10.32	2.1	ng	181520	3	9.66	1697900	20.0
Eicosane	10.57	4.5	ng	374238	4	11.13	1679010	20.0
unknown13.07	13.07	2.8	ng	201795	5	13.76	1448760	20.0
Trichloroacetic a...	13.63	3.2	ng	233501	5	13.76	1448760	20.0