LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086933.D
Acq On : 12 May 2016 16:29
Operator : UM/SJ
Sample : H2968-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP39-5-6FT

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	1.632	3	4	12	rVB	439278	709100	9.13%	1.639%
2	1.747	12	14	64	rVB	3300018	7764618	100.00%	17.943%
3	4.764	275	278	282	rBV	131105	200405	2.58%	0.463%
4	5.210	315	317	320	rBV	2791735	3140367	40.44%	7.257%
5	6.284	409	411	418	rBV	3060517	3346317	43.10%	7.733%
6	6.399	418	421	423	rBV	2444743	3410212	43.92%	7.880%
7	6.616	438	440	446	rBV	1006414	1100344	14.17%	2.543%
8	6.776	451	454	456	rBV	2675995	2454660	31.61%	5.672%
9	7.199	488	491	493	rBV	1606978	2326078	29.96%	5.375%
10	7.907	550	553	564	rBV	1581762	1500227	19.32%	3.467%
11	8.982	645	647	650	rBV	2498435	3450785	44.44%	7.974%
12	9.393	681	683	685	rBV	430108	569083	7.33%	1.315%
13	9.599	699	701	703	rBV	86453	81991	1.06%	0.189%
14	9.656	703	706	708	rBV	1794423	1663263	21.42%	3.844%
15	10.102	736	745	747	rBV	141470	192246	2.48%	0.444%
16	10.319	761	764	767	rBV	58601	85499	1.10%	0.198%
17	10.445	772	775	777	rBV	2468763	2454691	31.61%	5.672%
18	10.570	783	786	790	rBV	159120	203357	2.62%	0.470%
19	11.016	823	825	826	rBV	87177	78348	1.01%	0.181%
20	11.131	833	835	838	rBV	1807710	1630717	21.00%	3.768%
21	11.382	854	857	861	rBV	110414	214867	2.77%	0.497%
22	11.679	881	883	887	rBV	98552	125741	1.62%	0.291%
23	12.194	926	928	933	rBV3	60615	155294	2.00%	0.359%
24	12.434	947	949	952	rBV	52317	93702	1.21%	0.217%
25	12.719	971	974	976	rBV	3444249	3413289	43.96%	7.888%
26	13.062	1002	1004	1007	rVB	116996	193900	2.50%	0.448%
27	13.622	1051	1053	1062	rBV	171122	392781	5.06%	0.908%
28	13.759	1062	1065	1067	rBV	1404126	1366161	17.59%	3.157%
29	15.120	1181	1184	1187	rBV	852642	956095	12.31%	2.209%

Sum of corrected areas: 43274138

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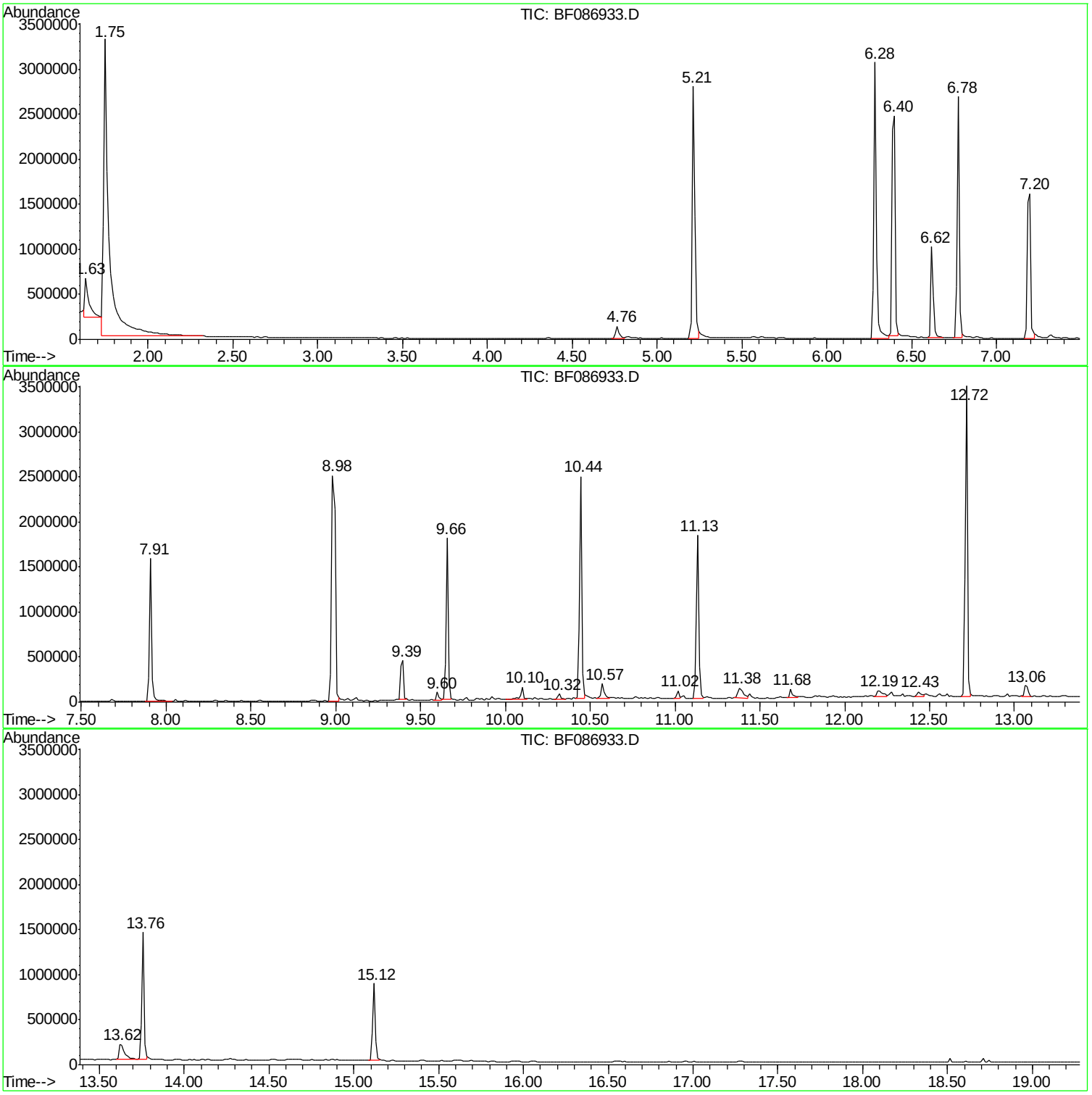
ClientSampleId :
TP39-5-6FT

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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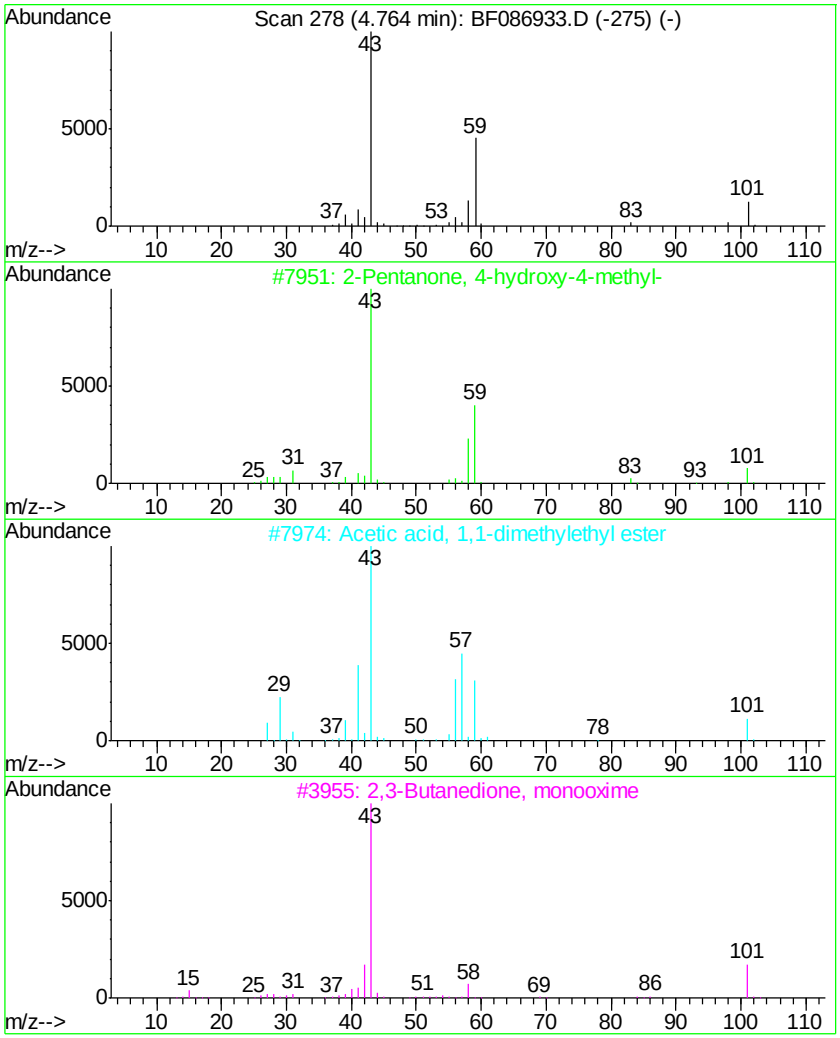
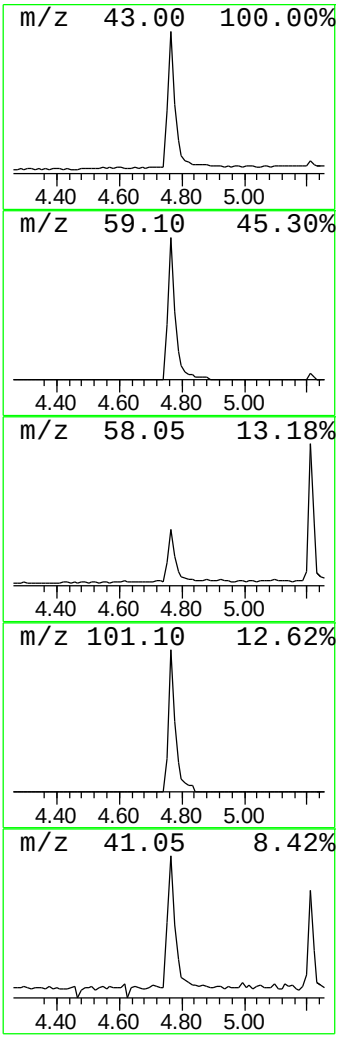
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	3.64 ng	200405	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	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane	58	C4H10	000106-97-8	9





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Operator : UM/SJ
Sample : H2968-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP39-5-6FT

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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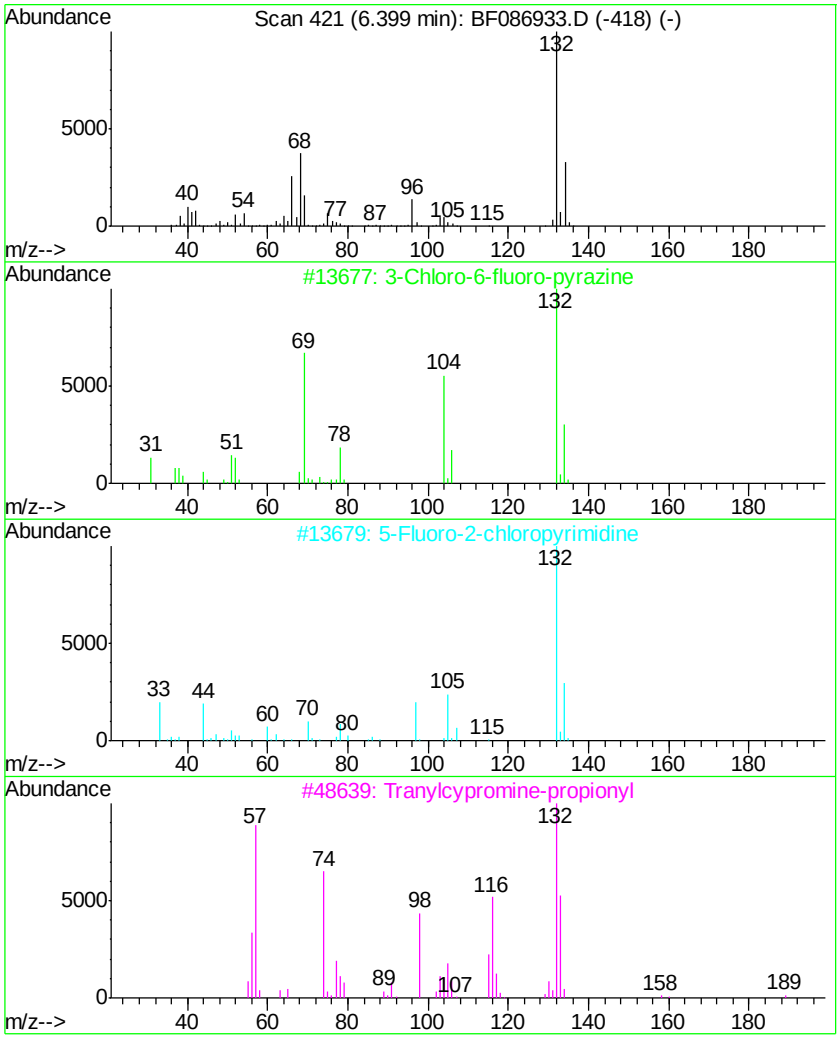
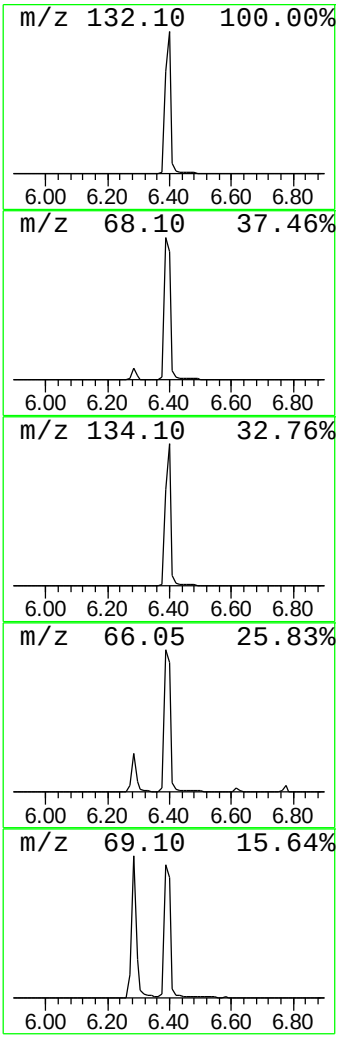
Peak Number 4 unknown6.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	61.98 ng	3410210	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	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Xenon	132	Xe	007440-63-3	9





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Operator : UM/SJ
Sample : H2968-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP39-5-6FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
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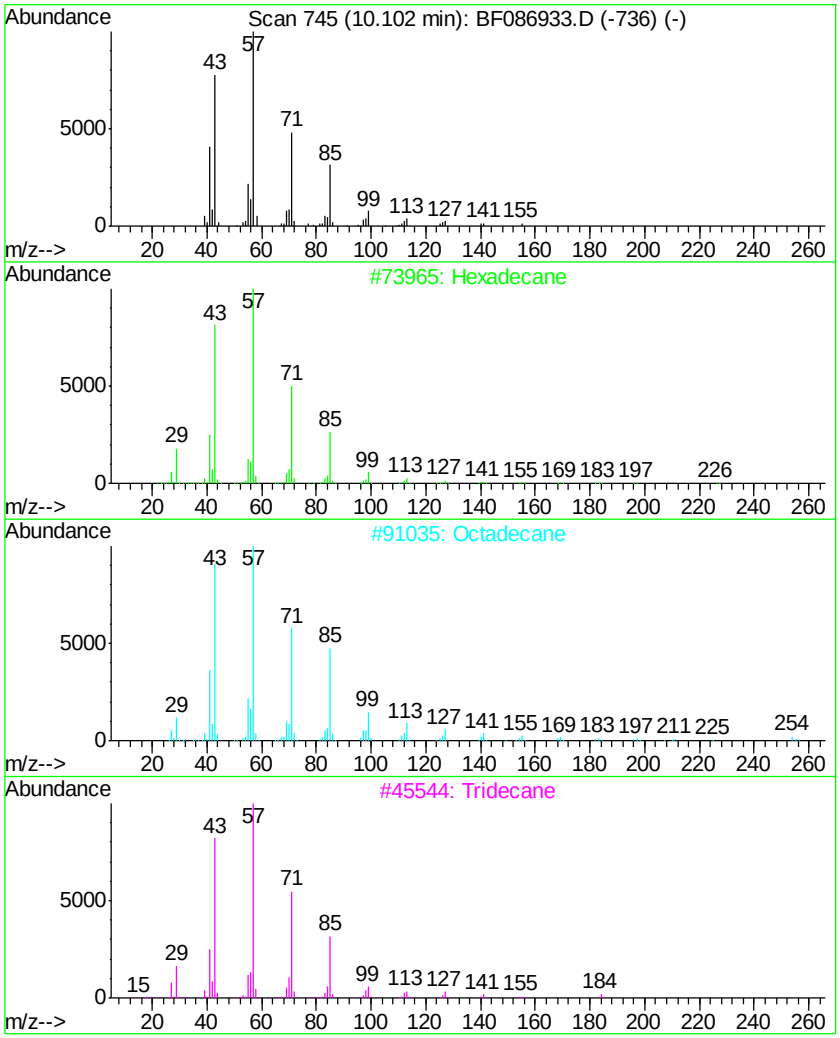
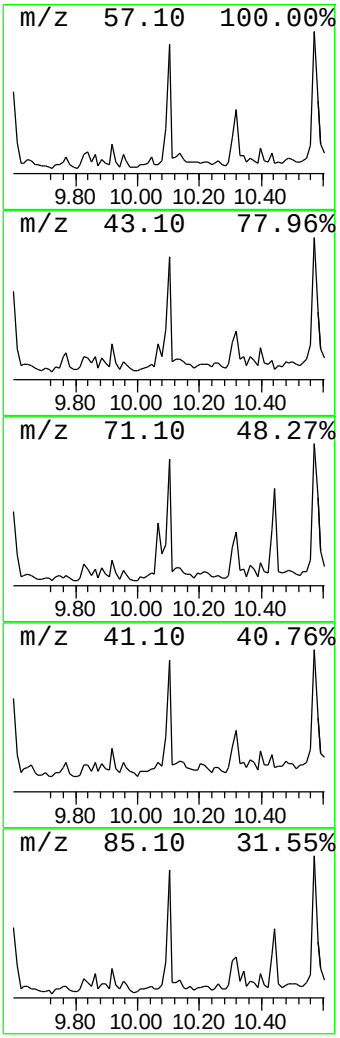
Peak Number 6 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	2.31 ng	192246	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Octadecane	254	C18H38	000593-45-3	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Eicosane	282	C20H42	000112-95-8	90





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Data File : BF086933.D
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Operator : UM/SJ
Sample : H2968-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP39-5-6FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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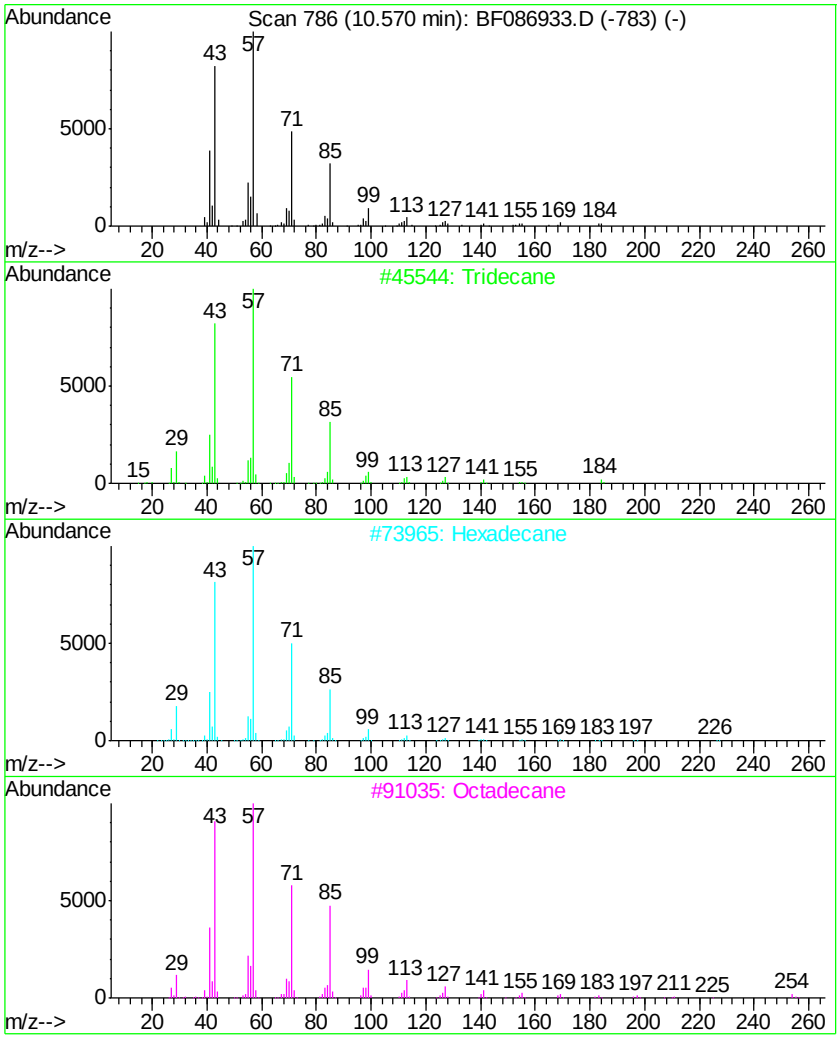
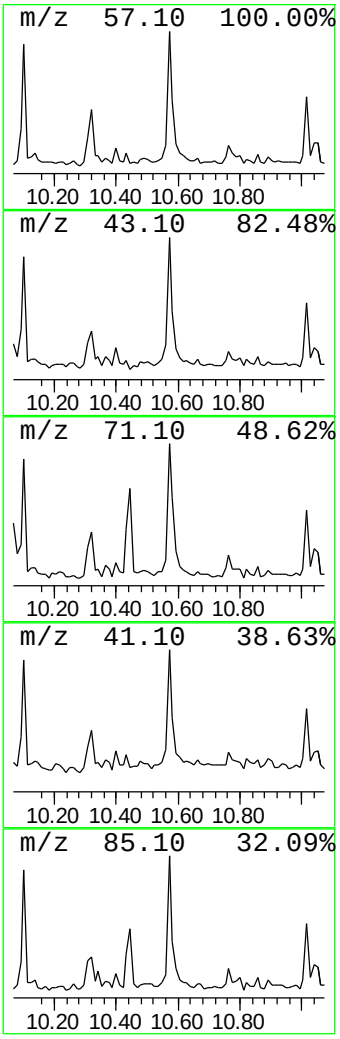
Peak Number 7 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	2.49 ng	203357	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	87





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Sample : H2968-02
Misc :
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Instrument : BNA_F
ClientSampleId : TP39-5-6FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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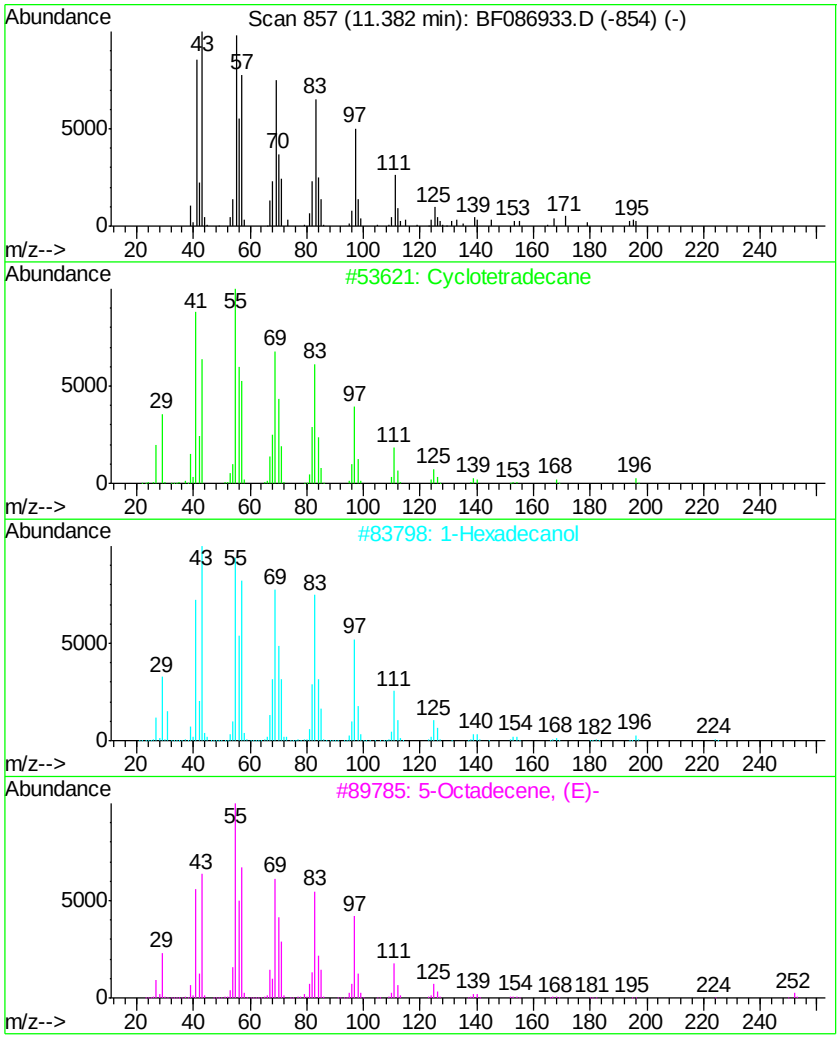
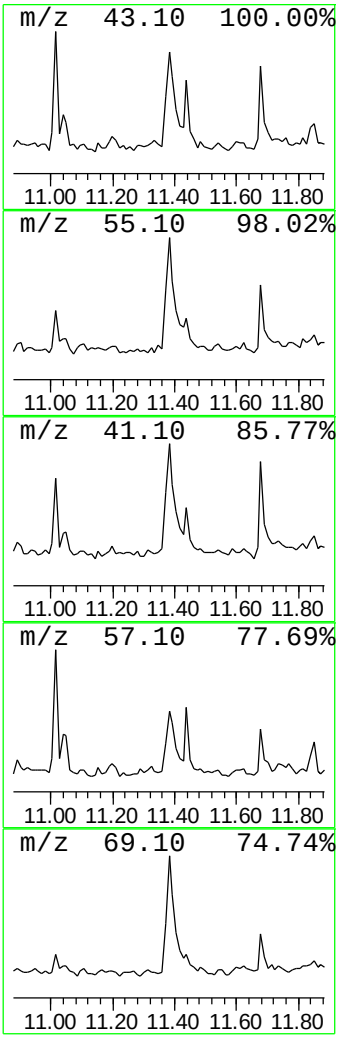
Peak Number 8 Cyclotetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	2.64 ng	214867	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	95
2	1-Hexadecanol	242	C16H34O	036653-82-4	95
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	90





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Misc :
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Instrument : BNA_F
ClientSampleId : TP39-5-6FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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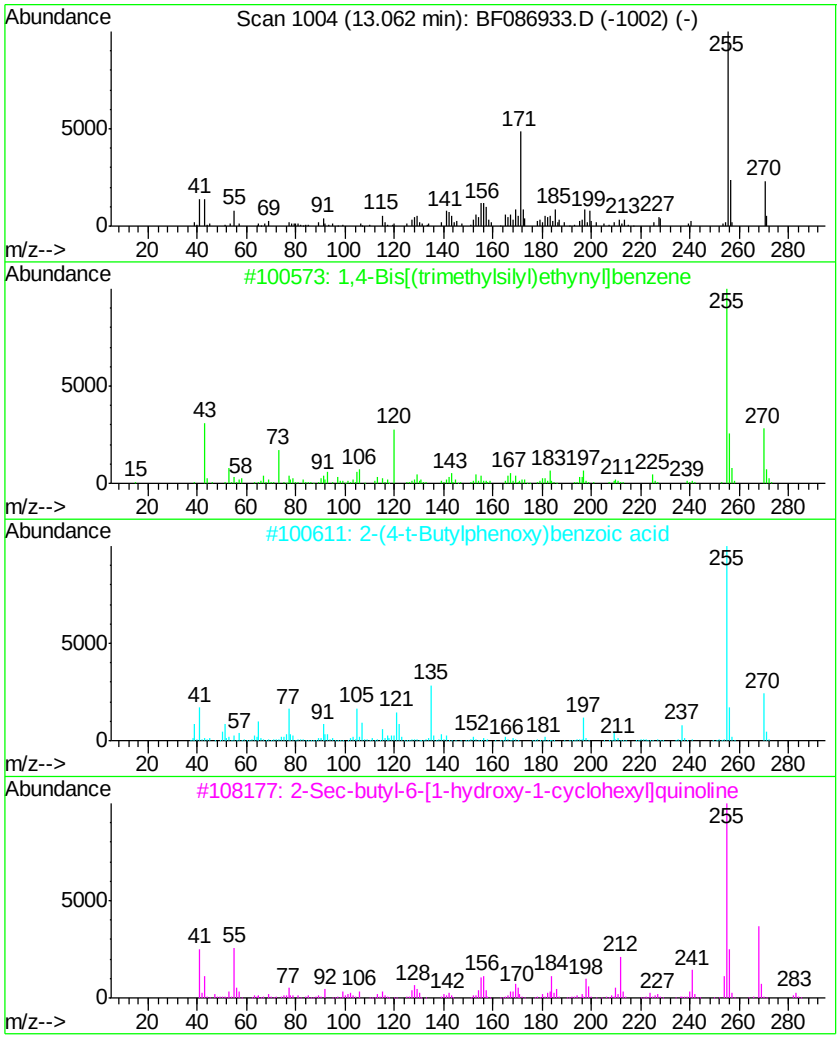
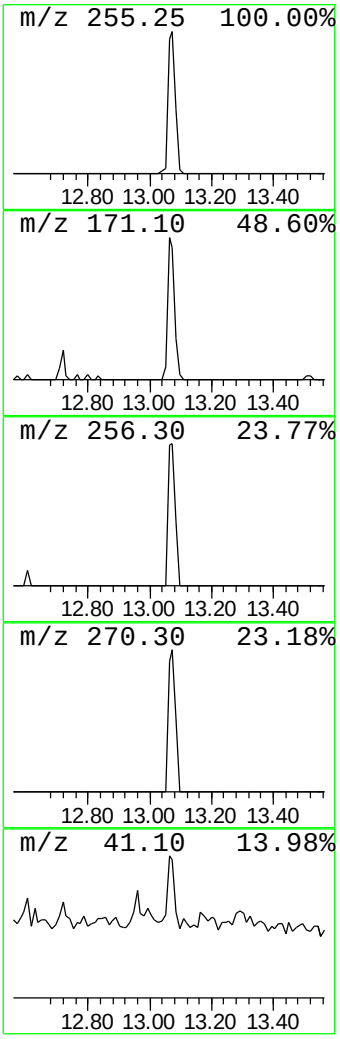
Peak Number 9 1,4-Bis[(trimethylsilyl)eth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.84 ng	193900	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Bis[(trimethylsilyl)ethynyl]...	270	C16H22Si2	073392-23-1	60
2	2-(4-t-Butylphenoxy)benzoic acid	270	C17H18O3	069737-65-1	47
3	2-Sec-butyl-6-[1-hydroxy-1-cyclo...	283	C19H25NO	035871-05-7	38
4	Phenol, 2-[4-(1-piperidinyl)-2-p...	255	C15H17N3O	075634-06-9	38
5	Styrene, 2-nitro-3'-[4-methylphe...	255	C15H13NO3	1000126-04-1	38





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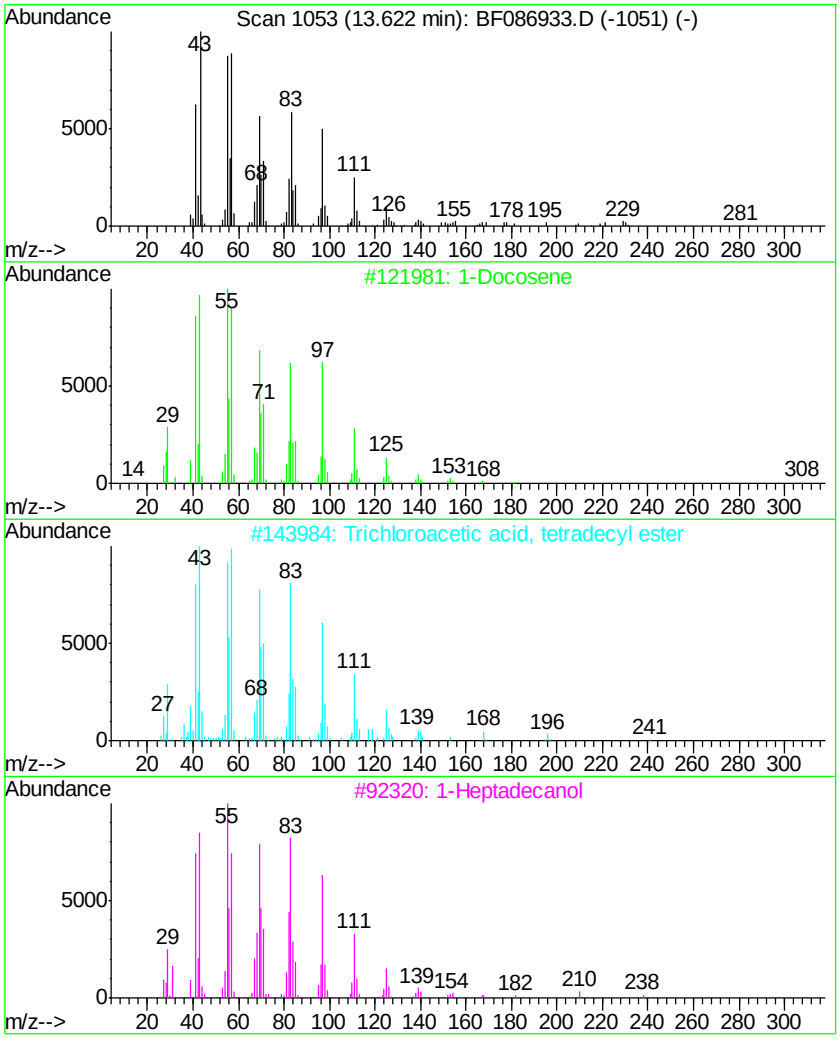
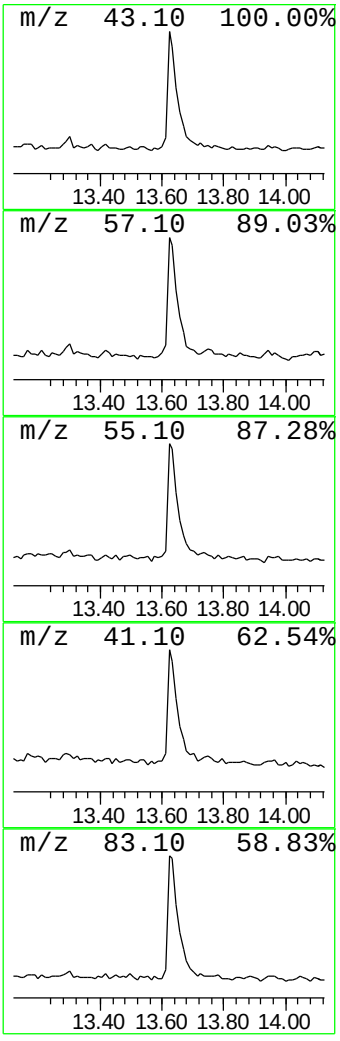
Peak Number 10 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	5.75 ng	392781	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3	1-Heptadecanol	256	C17H36O	001454-85-9	91
4	1-Octadecanol	270	C18H38O	000112-92-5	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.76	3.6	ng	200405	1	6.62	1100340	20.0
unknown6.40	6.40	62.0	ng	3410210	1	6.62	1100340	20.0
Hexadecane	10.10	2.3	ng	192246	3	9.66	1663260	20.0
Tridecane	10.57	2.5	ng	203357	4	11.13	1630720	20.0
Cyclotetradecane	11.38	2.6	ng	214867	4	11.13	1630720	20.0
1,4-Bis[(trimethy...	13.06	2.8	ng	193900	5	13.76	1366160	20.0
1-Docosene	13.62	5.8	ng	392781	5	13.76	1366160	20.0