LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091551.D
Acq On : 13 Dec 2016 14:00
Operator : UM/SJ
Sample : H6009-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1M-SF-HL-02

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-BF120916.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	5.001	251	255	265	rVB	2525072	3553759	40.03%	4.377%
2	5.424	289	292	295	rBV	7278738	7919646	89.21%	9.755%
3	6.453	379	382	385	rVB	6277978	8877821	100.00%	10.935%
4	6.579	390	393	396	rBV	6191377	8834772	99.52%	10.882%
5	6.807	411	413	416	rBV	1795538	1800344	20.28%	2.218%
6	6.967	424	427	430	rBV	6574223	6368799	71.74%	7.845%
7	7.379	460	463	465	rBV	5322380	5950205	67.02%	7.329%
8	8.099	523	526	528	rBV	2502248	2533598	28.54%	3.121%
9	9.173	617	620	623	rBV	7504806	8816557	99.31%	10.860%
10	9.573	652	655	657	rBV	1111683	1315670	14.82%	1.621%
11	9.848	676	679	681	rBV	3017486	2648424	29.83%	3.262%
12	10.293	716	718	719	rVB	89361	103703	1.17%	0.128%
13	10.636	745	748	751	rBV	5260516	5488534	61.82%	6.760%
14	10.762	757	759	763	rVB	179740	228377	2.57%	0.281%
15	11.208	796	798	799	rBV	212843	175572	1.98%	0.216%
16	11.333	806	809	811	rBV	1965166	2530870	28.51%	3.117%
17	11.631	833	835	838	rBV	161312	147701	1.66%	0.182%
18	11.871	854	856	858	rBV	403484	471895	5.32%	0.581%
19	12.648	922	924	930	rBV	153196	177159	2.00%	0.218%
20	12.922	945	948	950	rBV	7141849	8549355	96.30%	10.531%
21	13.814	1024	1026	1036	rBV	425273	509137	5.73%	0.627%
22	13.962	1036	1039	1041	rBV	1809649	2175277	24.50%	2.679%
23	14.442	1077	1081	1085	rBV5	42972	101562	1.14%	0.125%
24	14.808	1111	1113	1117	rVB	80825	91849	1.03%	0.113%
25	15.368	1159	1162	1165	rBV	1295119	1816011	20.46%	2.237%

Sum of corrected areas: 81186597

LSC Report - Integrated Chromatogram

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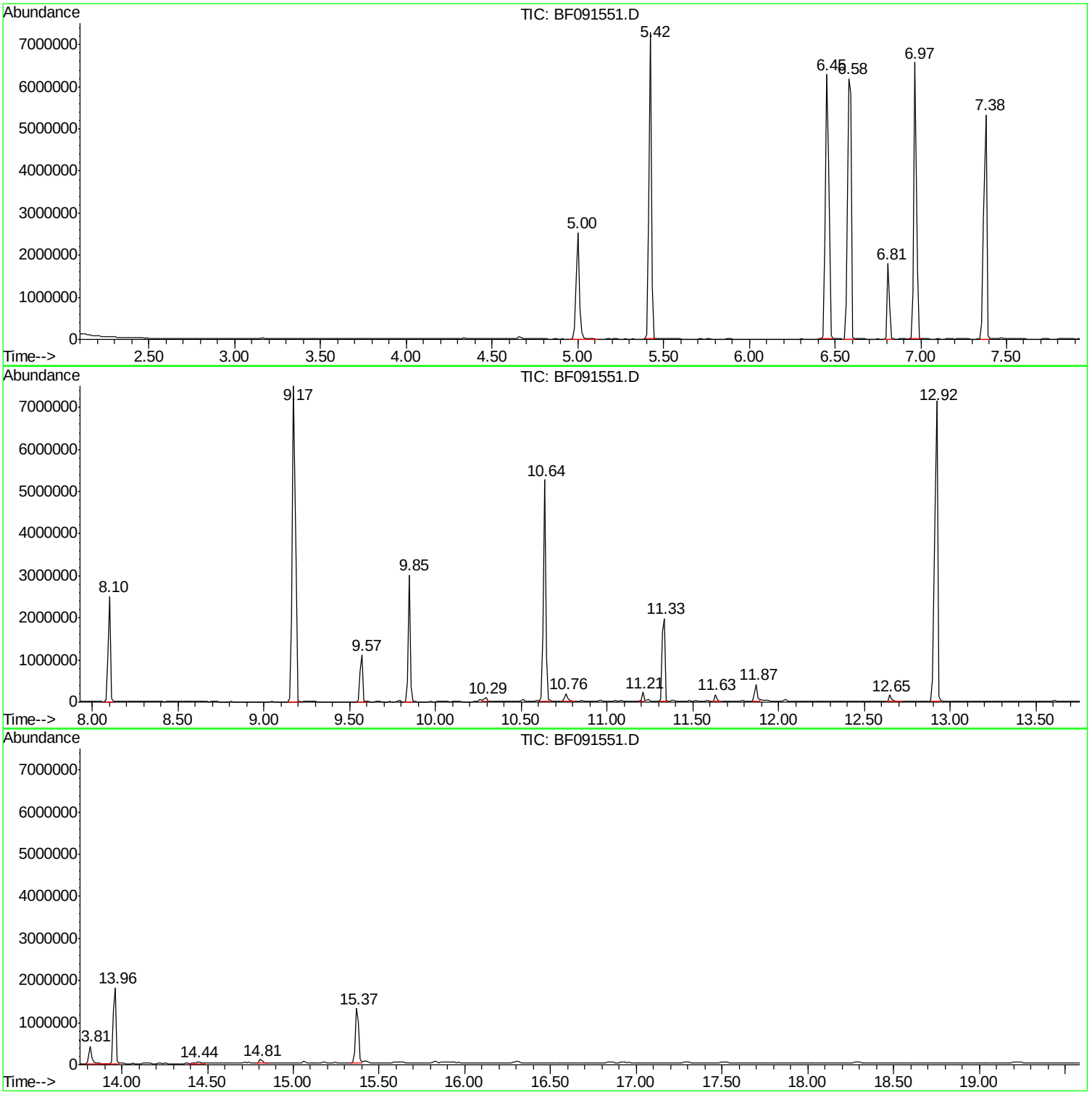
Instrument : BNA_F
ClientSampleId : 1M-SF-HL-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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Sample : H6009-02
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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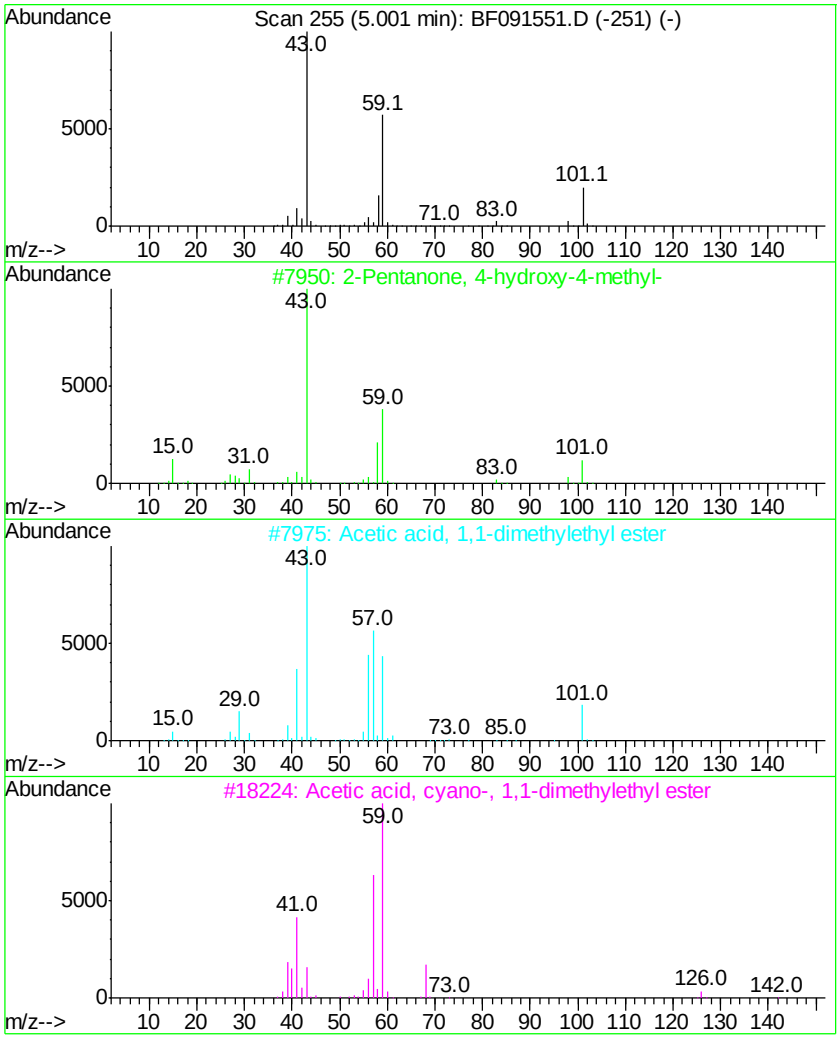
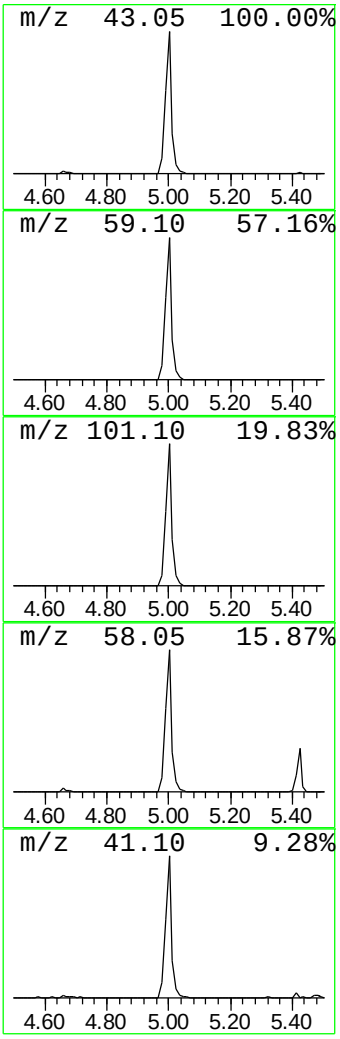
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	39.48 ng	3553760	1,4-Dichlorobenzene-d4	6.81

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : 1M-SF-HL-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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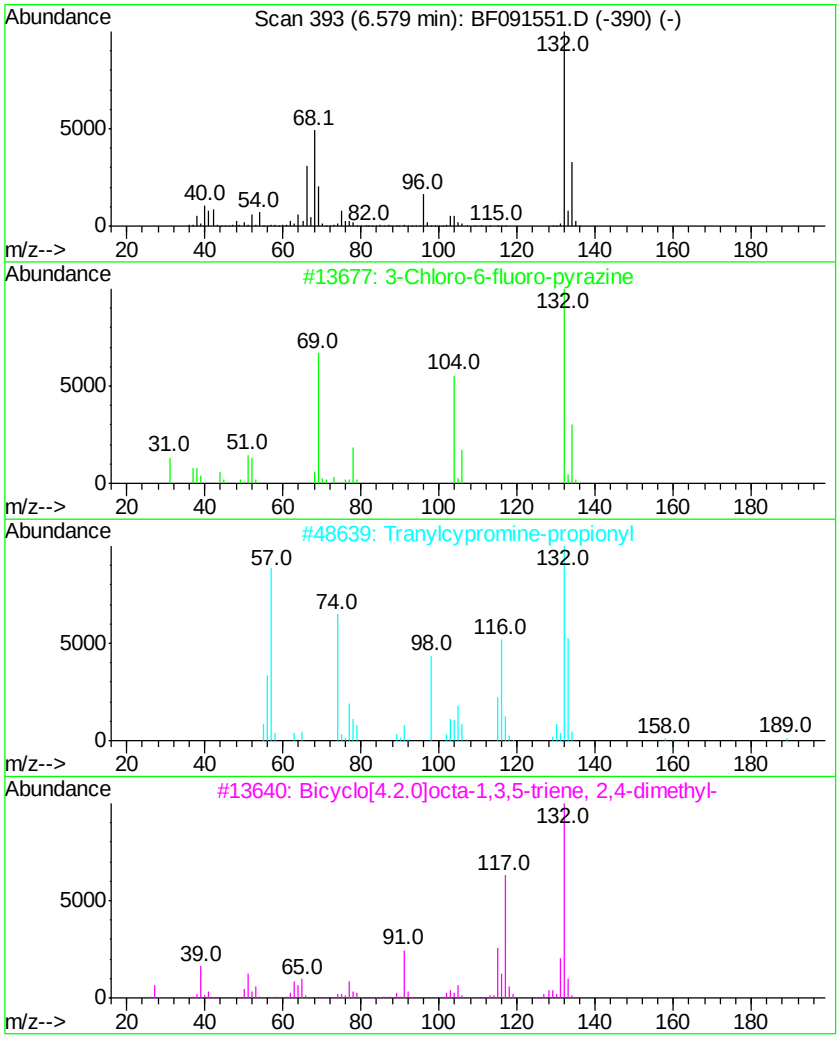
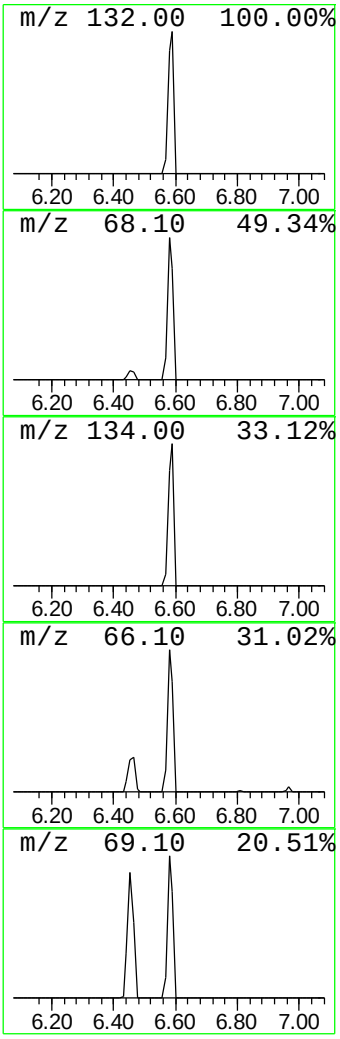
Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	98.15 ng	8834770	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Operator : UM/SJ
Sample : H6009-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1M-SF-HL-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
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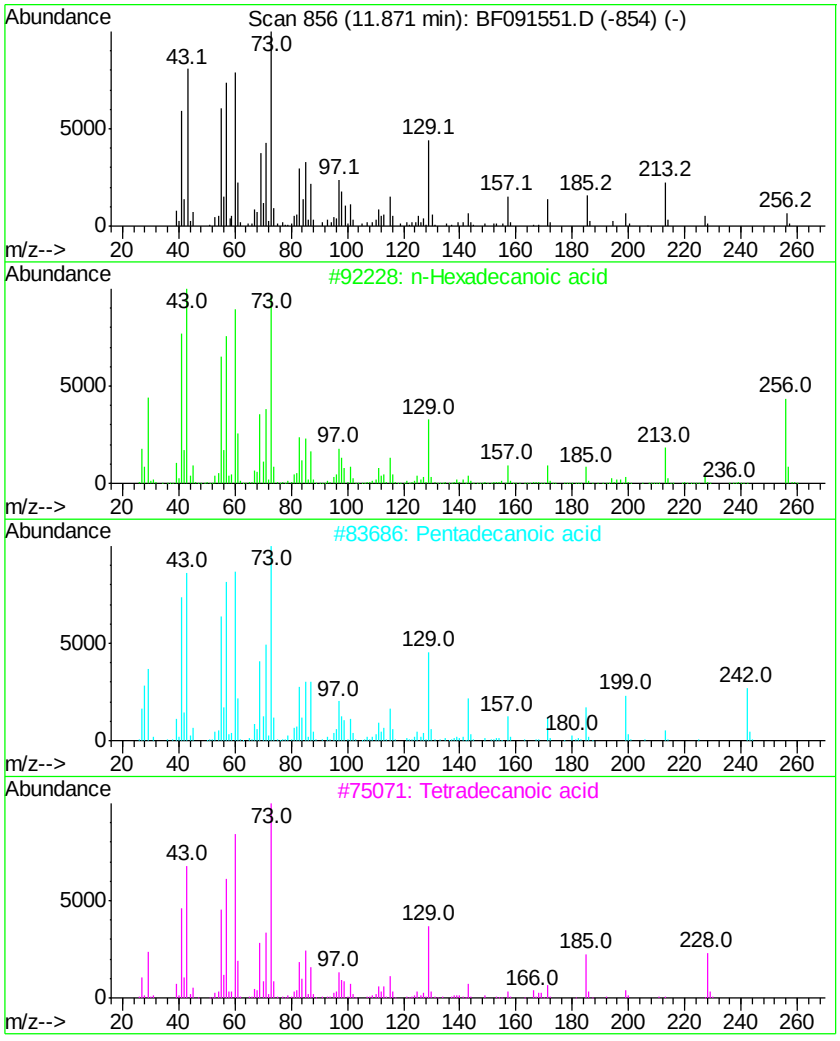
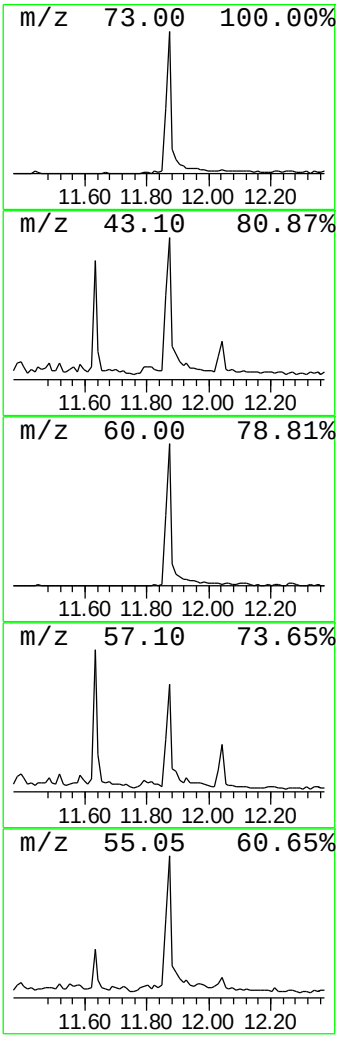
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.73 ng	471895	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Instrument : BNA_F
ClientSampleId : 1M-SF-HL-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
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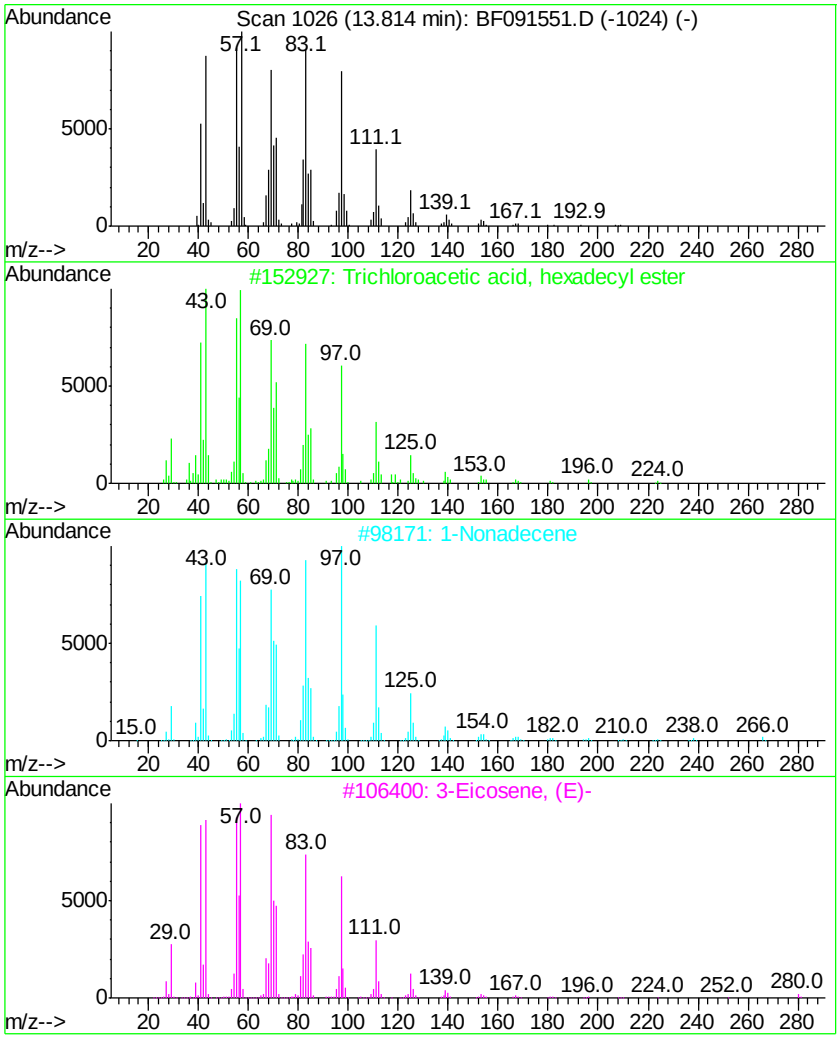
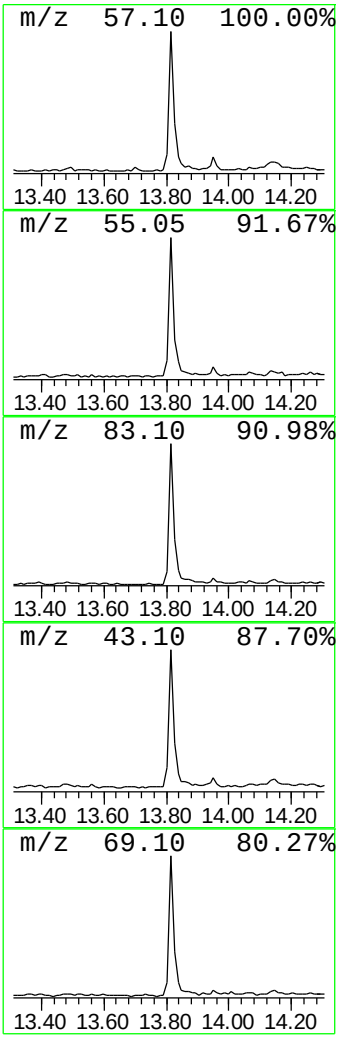
Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.68 ng	509137	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5	1-Hexadecanol	242	C16H34O	036653-82-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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...	5.00	39.5	ng	3553760	1	6.81	1800340	20.0
unknown6.58	6.58	98.2	ng	8834770	1	6.81	1800340	20.0
n-Hexadecanoic acid	11.87	3.7	ng	471895	4	11.33	2530870	20.0
Trichloroacetic a...	13.81	4.7	ng	509137	5	13.96	2175280	20.0