LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
Data File : BF092010.D
Acq On : 28 Dec 2016 22:32
Operator : UM/SJ
Sample : H6281-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-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-BF122116.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	4.853	240	242	254	rVB	670750	832828	12.53%	1.768%
2	5.321	280	283	285	rBV	2025718	2742701	41.26%	5.823%
3	6.373	372	375	377	rBV	1142457	1641409	24.69%	3.485%
4	6.476	382	384	387	rBV	4088238	4616668	69.44%	9.802%
5	6.704	401	404	406	rBV	1514486	1384127	20.82%	2.939%
6	6.864	415	418	420	rBV	4268081	4956397	74.55%	10.523%
7	7.276	451	454	456	rBV	3999804	4349814	65.43%	9.235%
8	7.985	514	516	519	rBV	1191749	1677993	25.24%	3.563%
9	9.070	608	611	614	rBV	6106965	6648135	100.00%	14.115%
10	9.470	644	646	648	rBV	214324	183643	2.76%	0.390%
11	9.745	667	670	672	rBV	1841434	1742766	26.21%	3.700%
12	10.179	705	708	710	rBV3	33567	74074	1.11%	0.157%
13	10.533	736	739	742	rBV	3254140	3632062	54.63%	7.711%
14	10.659	748	750	754	rBV	57699	82345	1.24%	0.175%
15	11.219	797	799	802	rBV2	1392687	1595914	24.01%	3.388%
16	11.768	845	847	853	rBV2	141656	225730	3.40%	0.479%
17	12.511	910	912	914	rBV	2071311	1746333	26.27%	3.708%
18	12.556	914	916	918	rBV	109946	132249	1.99%	0.281%
19	12.819	936	939	941	rBV	5346724	6192980	93.15%	13.148%
20	13.174	968	970	972	rBV	179220	196091	2.95%	0.416%
21	13.711	1015	1017	1020	rBV	71802	102311	1.54%	0.217%
22	13.859	1027	1030	1032	rBV	1286700	1367564	20.57%	2.903%
23	15.242	1148	1151	1154	rBV	819522	976448	14.69%	2.073%

Sum of corrected areas: 47100582

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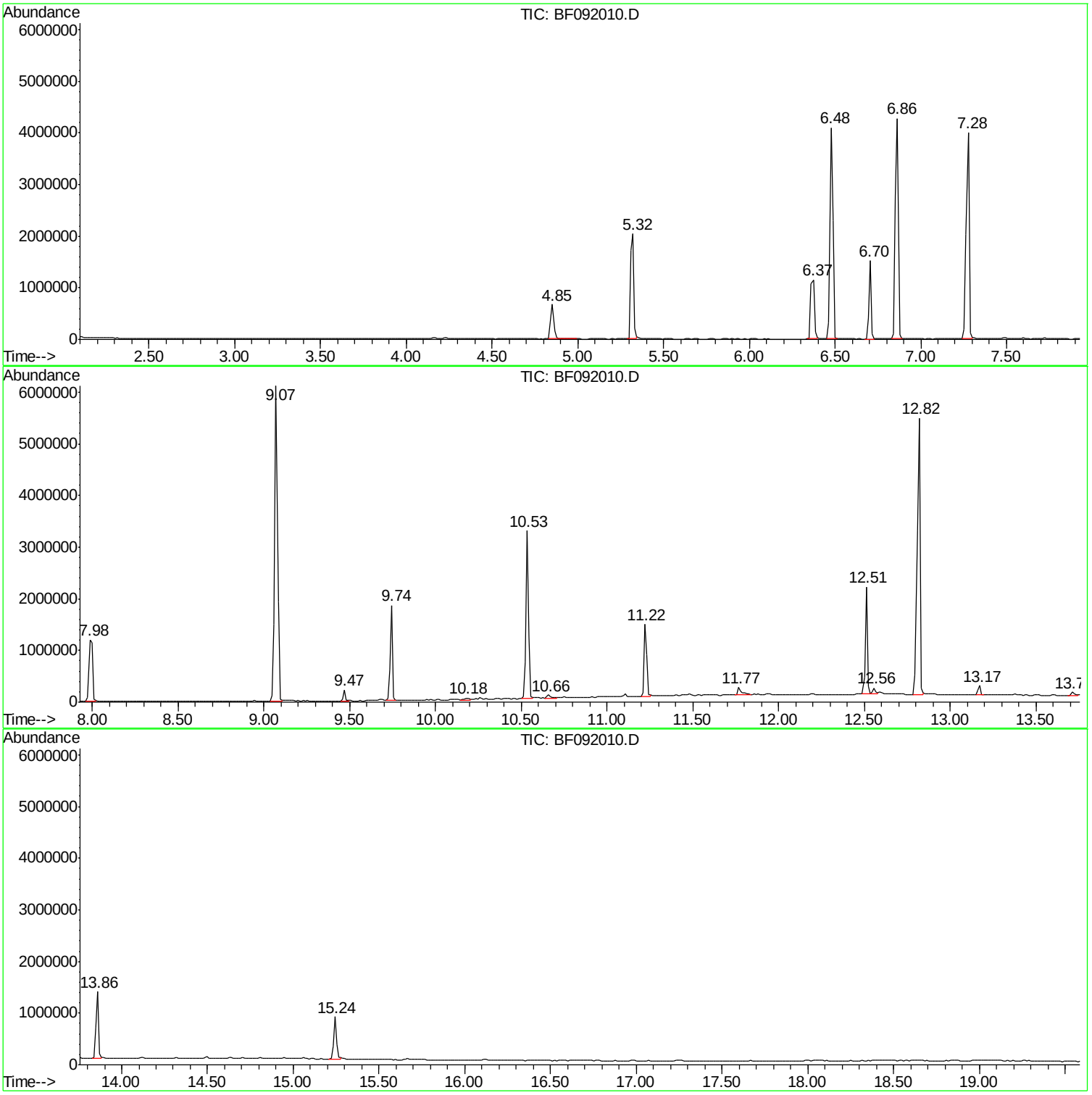
Instrument :
BNA_F
ClientSampleId :
MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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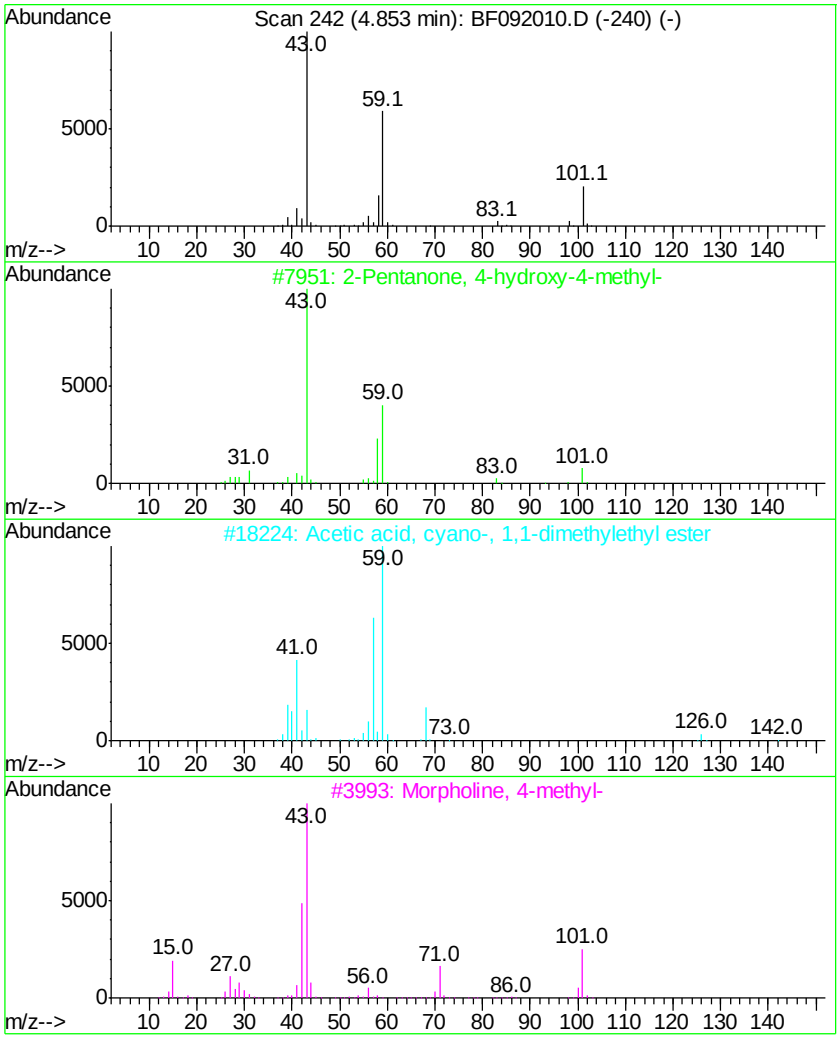
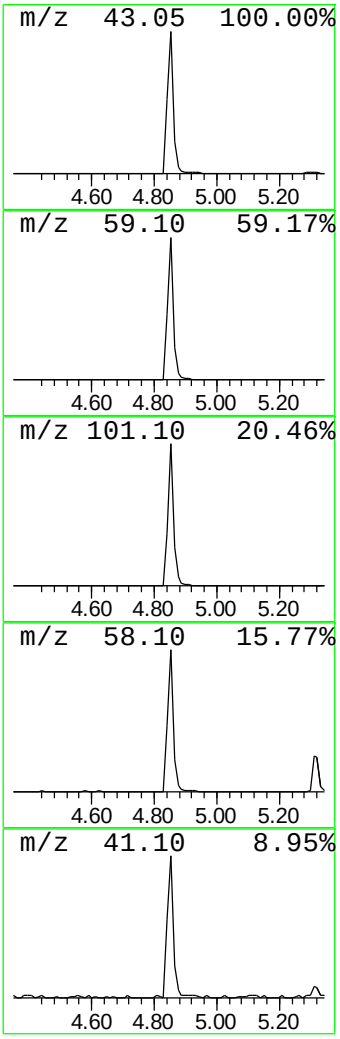
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	12.03 ng	832828	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
Data File : BF092010.D
Acq On : 28 Dec 2016 22:32
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Sample : H6281-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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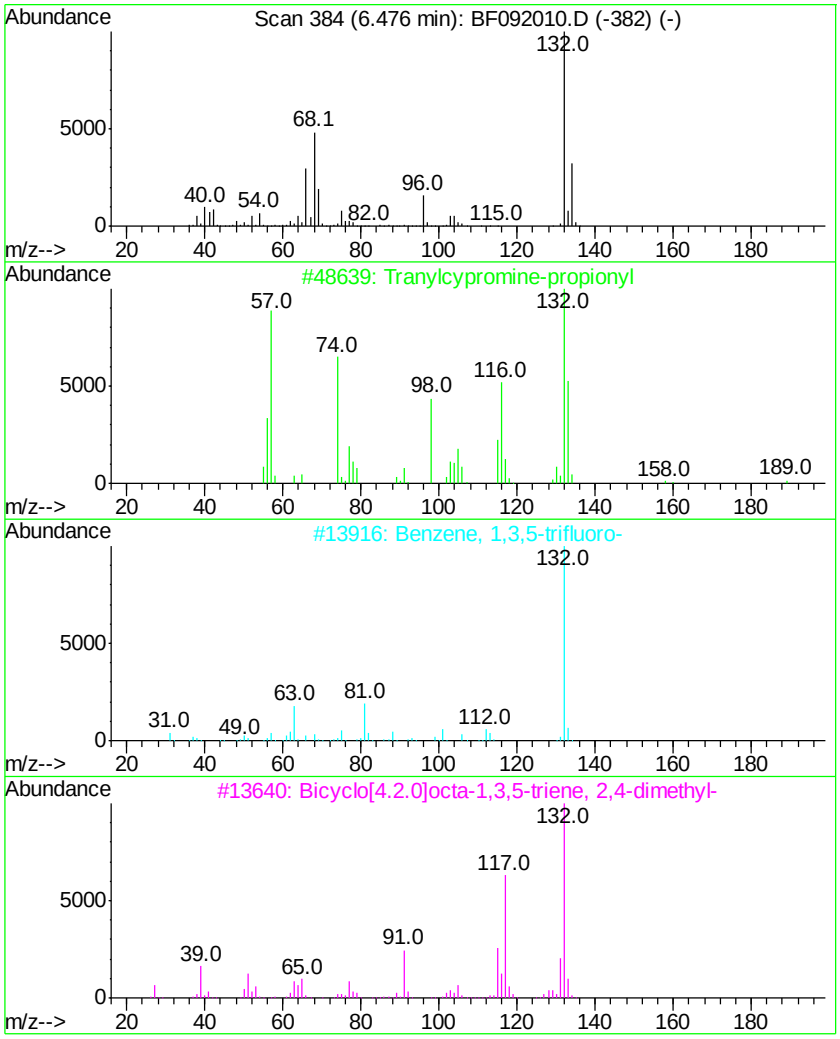
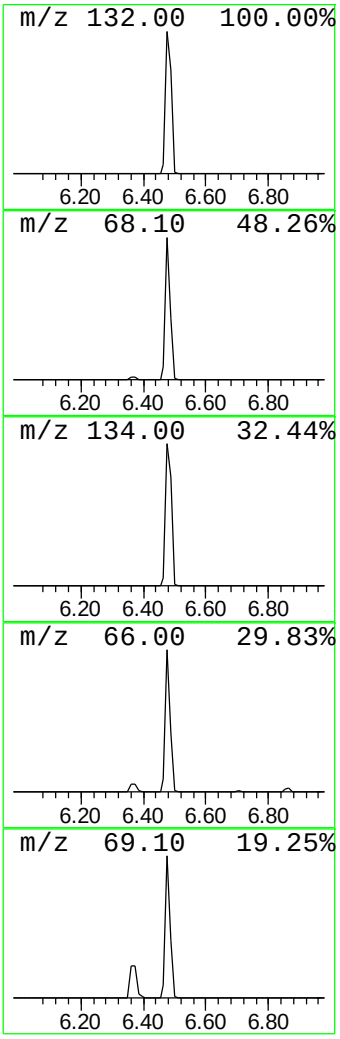
Peak Number 2 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	66.71 ng	4616670	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BF092010.D
Acq On : 28 Dec 2016 22:32
Operator : UM/SJ
Sample : H6281-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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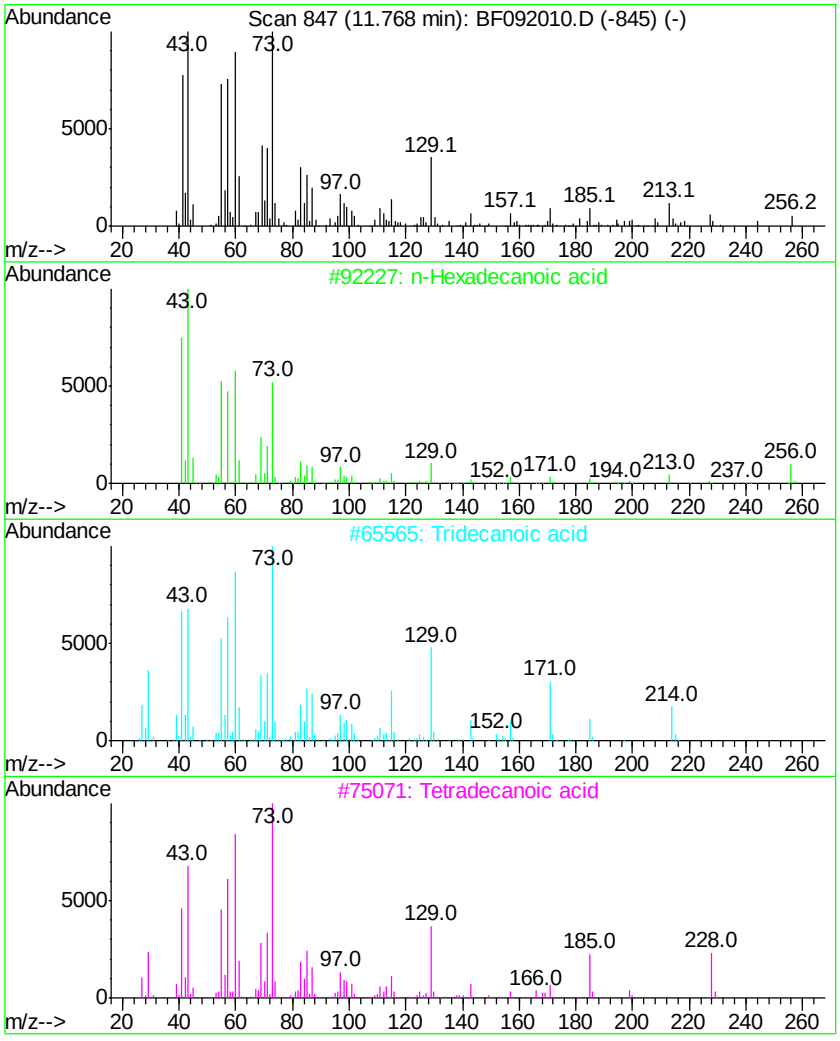
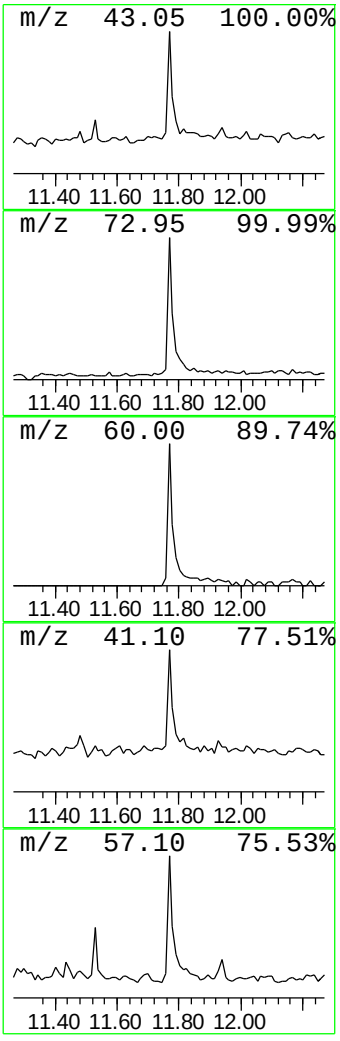
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.83 ng	225730	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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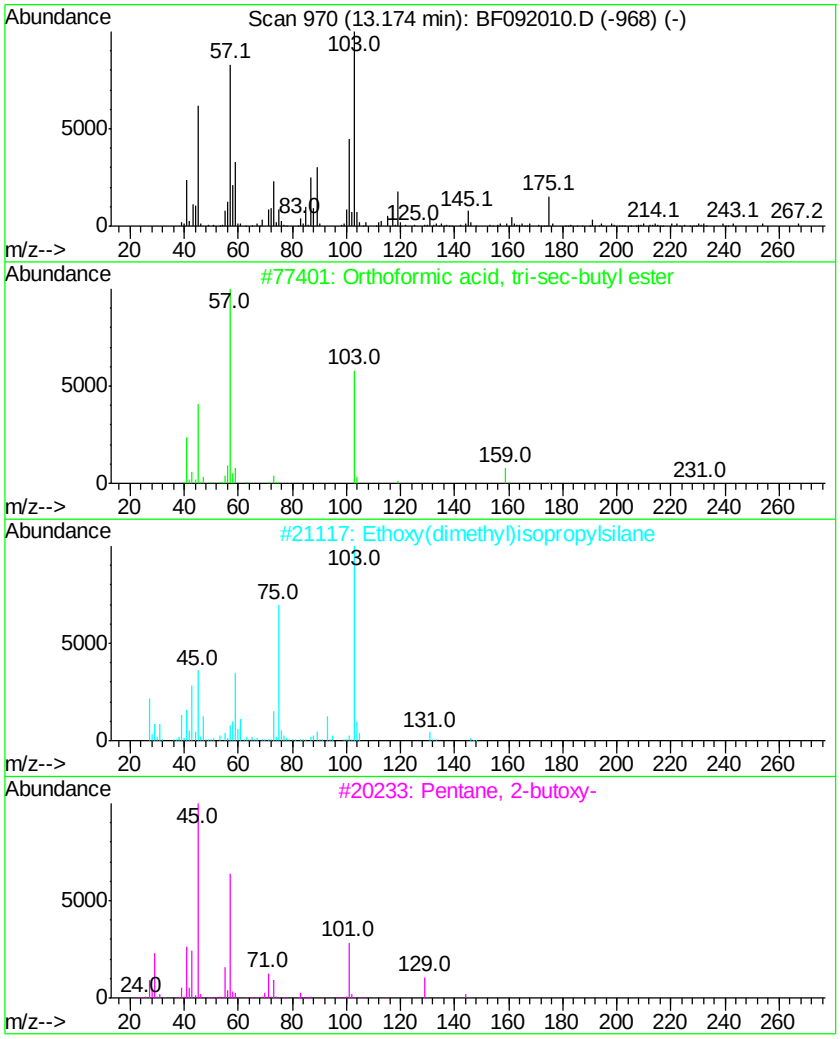
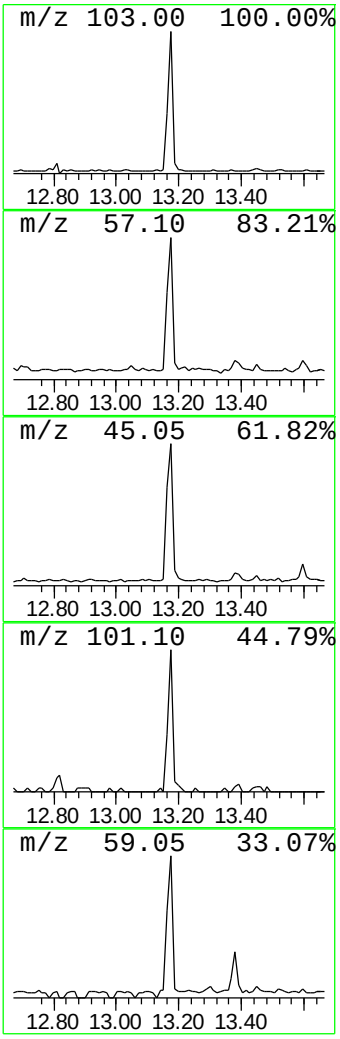
Peak Number 6 unknown13.17 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.87 ng	196091	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Orthoformic acid, tri-sec-butyl ...	232	C13H28O3	016754-48-6	38
2	Ethoxy(dimethyl)isopropylsilane	146	C7H18OSi	036850-66-5	38
3	Pentane, 2-butoxy-	144	C9H20O	062238-02-2	22
4	1-(2-Hydroxyethylthio)-2-(2-viny...	208	C8H16O2S2	114811-41-5	22
5	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	14





Tentatively Identified Compound (LSC) summary

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Data File : BF092010.D
Acq On : 28 Dec 2016 22:32
Operator : UM/SJ
Sample : H6281-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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...	4.85	12.0	ng	832828	1	6.70	1384130	20.0
unknown6.48	6.48	66.7	ng	4616670	1	6.70	1384130	20.0
n-Hexadecanoic acid	11.77	2.8	ng	225730	4	11.22	1595910	20.0
unknown13.17	13.17	2.9	ng	196091	5	13.86	1367560	20.0