LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092019.D
Acq On : 29 Dec 2016 12:30
Operator : UM/SJ
Sample : H6278-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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	4.830	238	240	245	rBV	407980	572317	6.53%	0.916%
2	5.299	279	281	292	rBV	2626855	3227409	36.82%	5.167%
3	6.362	371	374	381	rVB	1970311	2453263	27.99%	3.927%
4	6.464	381	383	386	rBV	5430779	6009030	68.56%	9.620%
5	6.693	400	403	405	rBV	1561132	1683260	19.20%	2.695%
6	6.853	414	417	419	rBV	4284145	5975873	68.18%	9.567%
7	7.264	449	453	455	rBV	4884490	5568092	63.53%	8.914%
8	7.973	513	515	518	rBV	2205932	2236983	25.52%	3.581%
9	8.590	564	569	577	rVB6	28339	130035	1.48%	0.208%
10	9.059	607	610	612	rBV	7987994	8292897	94.61%	13.276%
11	9.459	642	645	647	rBV	290623	344619	3.93%	0.552%
12	9.722	666	668	671	rBV	1859844	2612670	29.81%	4.183%
13	9.950	680	688	691	rBV	62209	149037	1.70%	0.239%
14	10.168	704	707	709	rVB2	74108	126542	1.44%	0.203%
15	10.522	735	738	740	rVB	4884212	5513440	62.90%	8.826%
16	10.648	745	749	753	rBV4	109911	324018	3.70%	0.519%
17	10.705	753	754	756	rBV	66338	87801	1.00%	0.141%
18	10.773	759	760	764	rVB2	77413	98934	1.13%	0.158%
19	10.888	768	770	772	rVB3	77820	108212	1.23%	0.173%
20	10.922	772	773	775	rBV	95974	88195	1.01%	0.141%
21	11.093	785	788	793	rVB3	87734	193078	2.20%	0.309%
22	11.208	796	798	800	rVB	3071650	2648803	30.22%	4.240%
23	11.756	843	846	853	rBV2	190581	360942	4.12%	0.578%
24	12.796	934	937	940	rBV	5584612	8765068	100.00%	14.032%
25	13.699	1013	1016	1026	rBV3	239161	354310	4.04%	0.567%
26	13.837	1026	1028	1031	rVV	2173771	2341262	26.71%	3.748%
27	15.220	1146	1149	1152	rBV	1426021	2007787	22.91%	3.214%
28	16.088	1223	1225	1233	rVB2	49261	100538	1.15%	0.161%
29	17.220	1321	1324	1331	rVB	33551	91687	1.05%	0.147%

Sum of corrected areas: 62466102

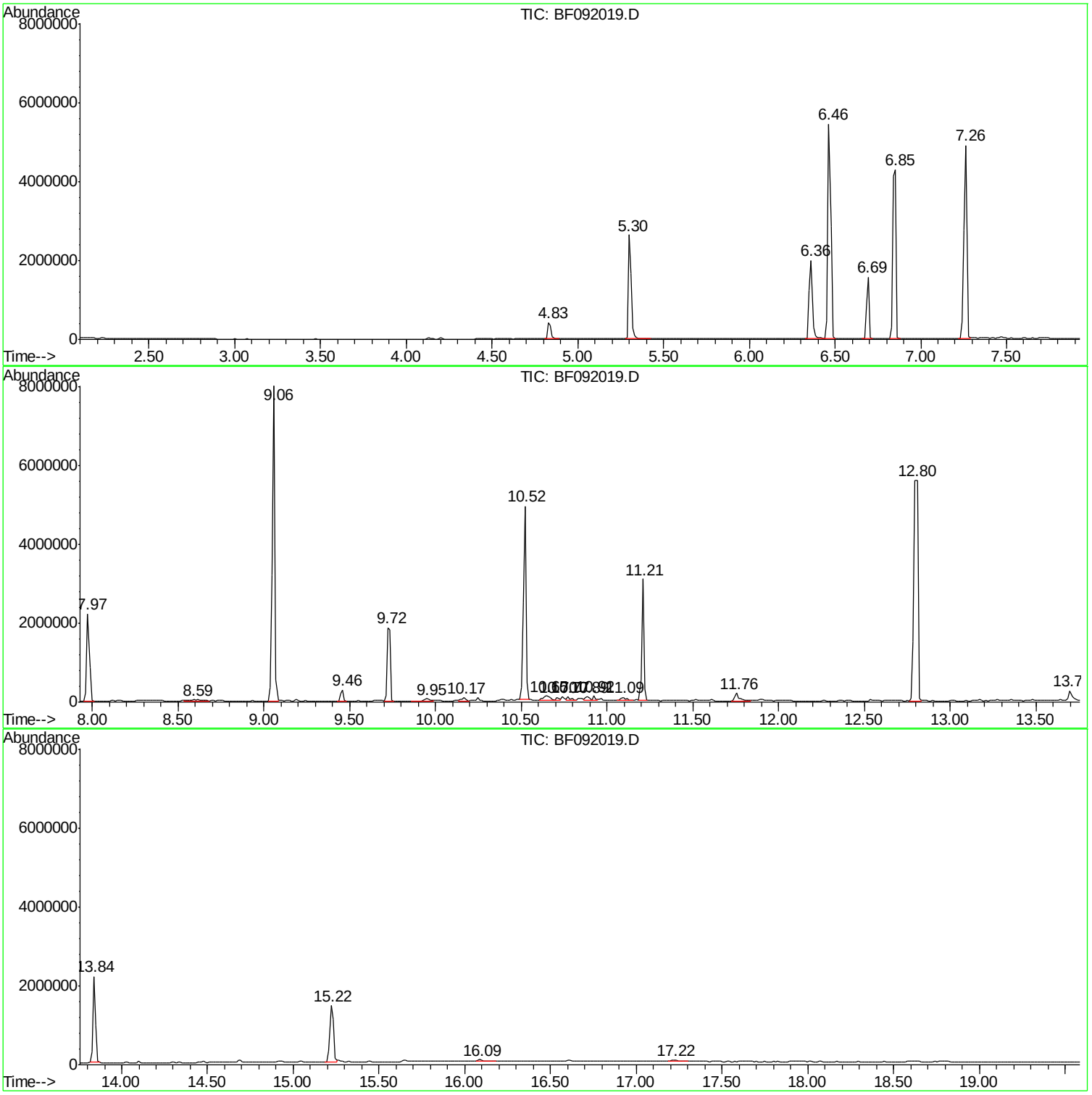
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092019.D
Acq On : 29 Dec 2016 12:30
Operator : UM/SJ
Sample : H6278-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092019.D
Acq On : 29 Dec 2016 12:30
Operator : UM/SJ
Sample : H6278-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

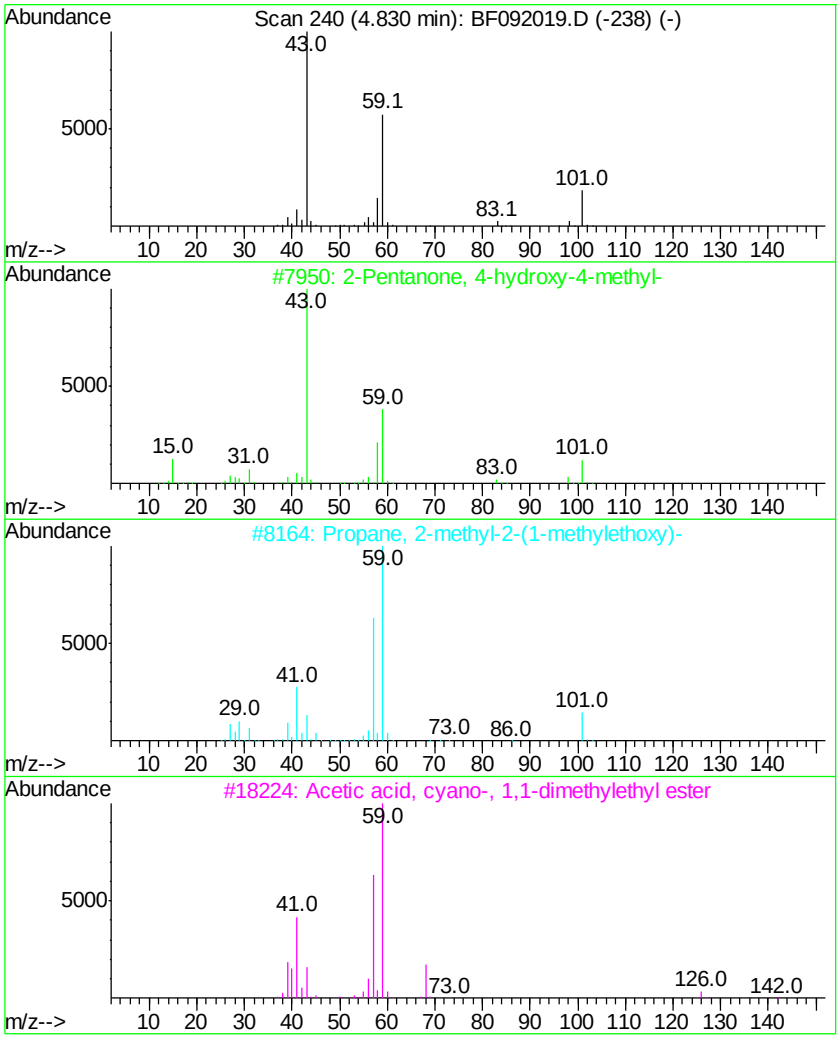
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

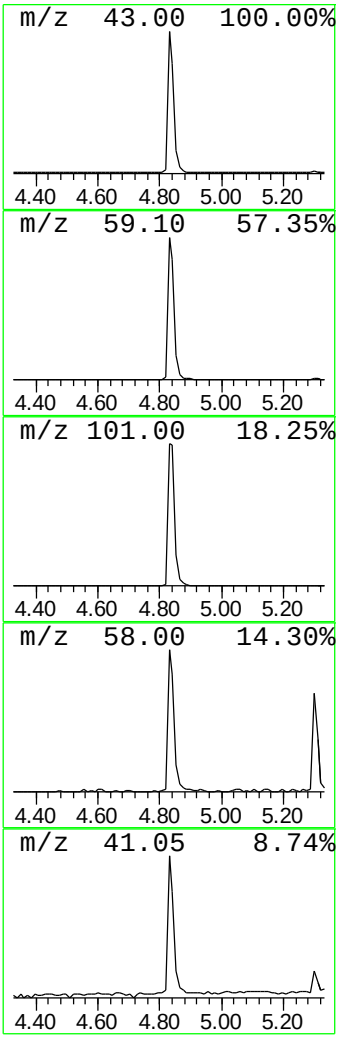
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	6.80 ng	572317	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092019.D
Acq On : 29 Dec 2016 12:30
Operator : UM/SJ
Sample : H6278-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

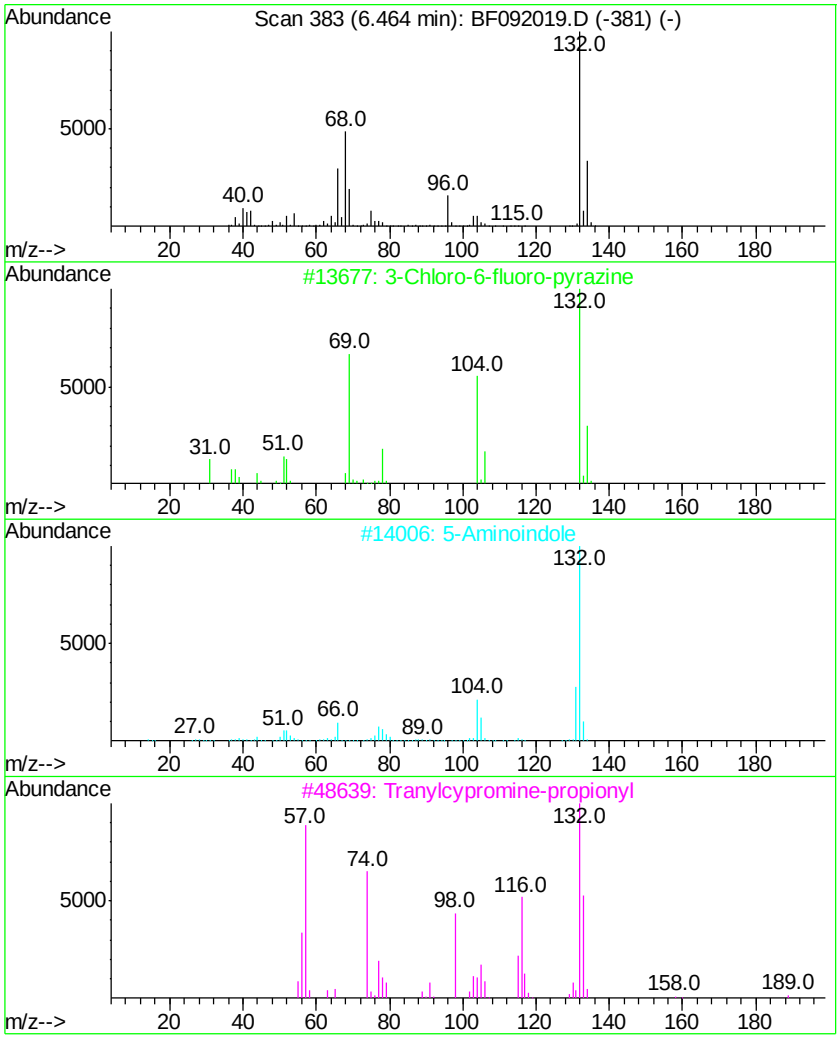
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

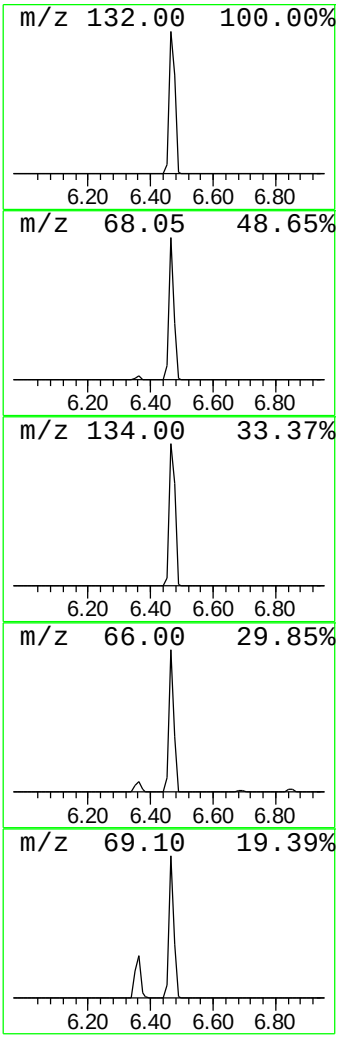
****

Peak Number 2 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	71.40 ng	6009030	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092019.D
Acq On : 29 Dec 2016 12:30
Operator : UM/SJ
Sample : H6278-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

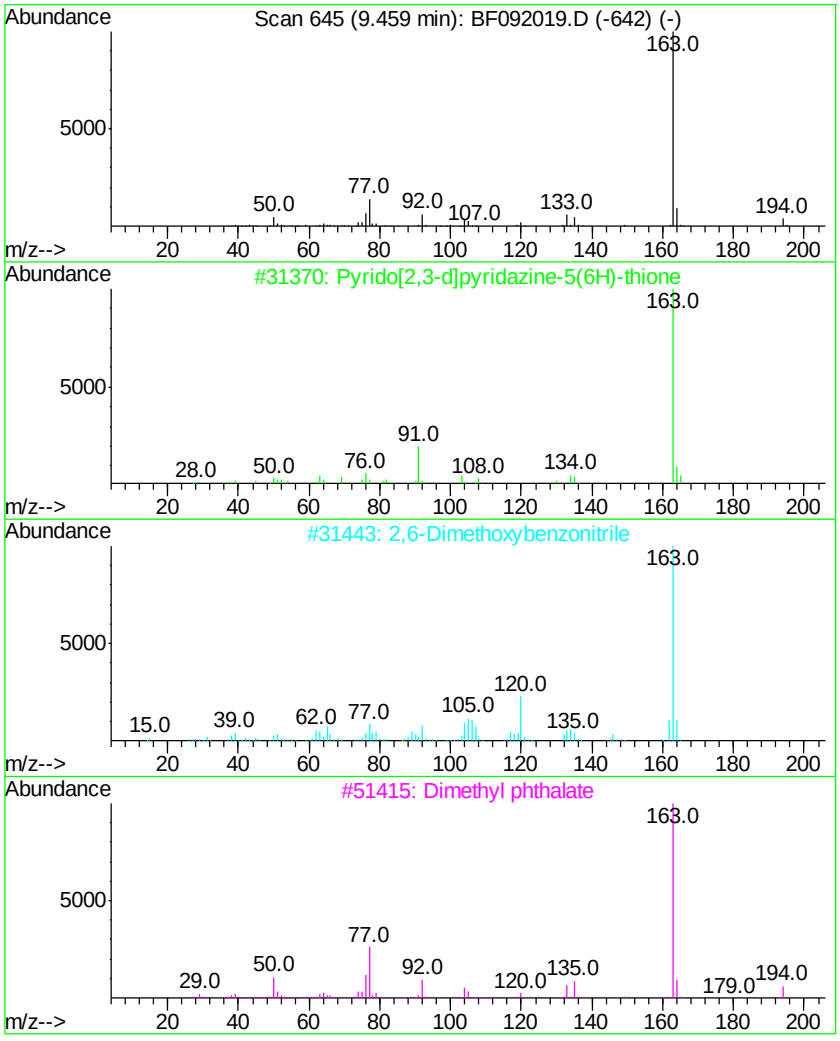
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

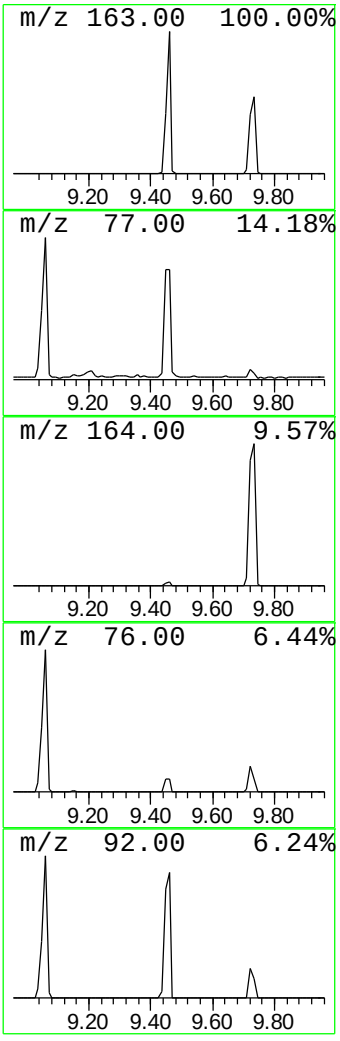
****

Peak Number 4 Pyrido[2,3-d]pyridazine-5(6... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	2.64 ng	344619	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyridazine-5(6H)-th...	163	C7H5N3S	015370-85-1	64
2	2,6-Dimethoxybenzonitrile	163	C9H9NO2	016932-49-3	64
3	Dimethyl phthalate	194	C10H10O4	000131-11-3	64
4	Benzonitrile, 2,4-dimethoxy-	163	C9H9NO2	004107-65-7	42
5	Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092019.D
Acq On : 29 Dec 2016 12:30
Operator : UM/SJ
Sample : H6278-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

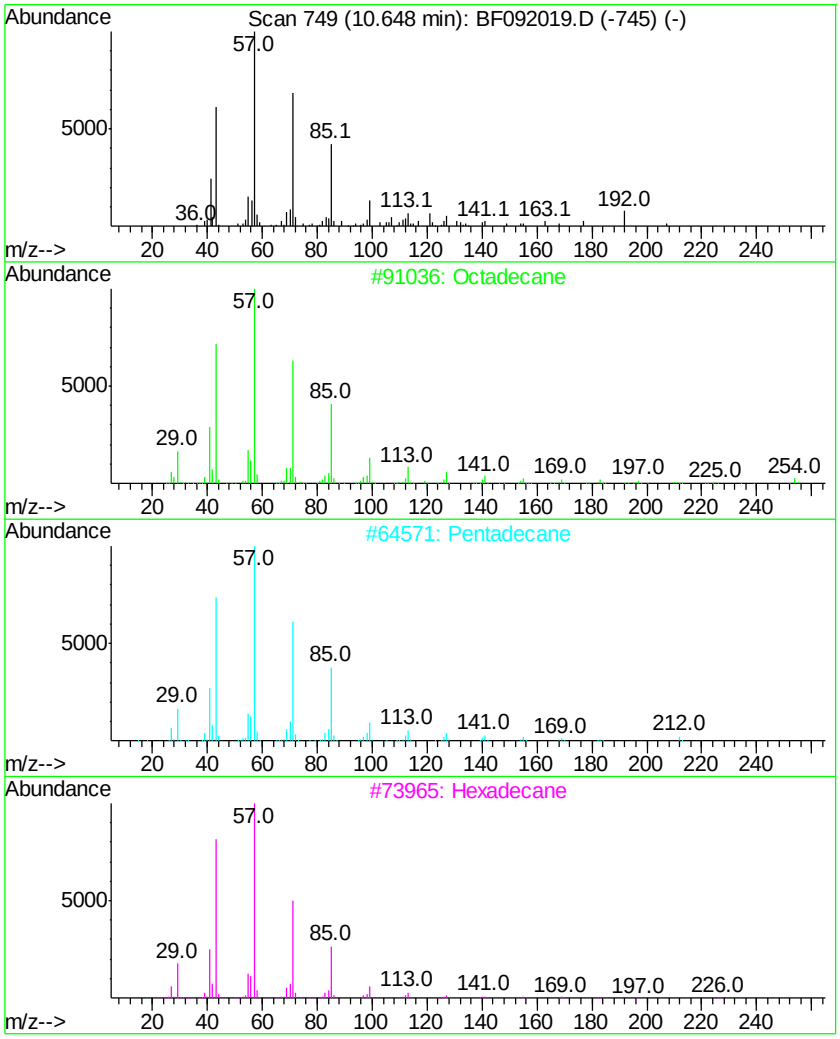
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

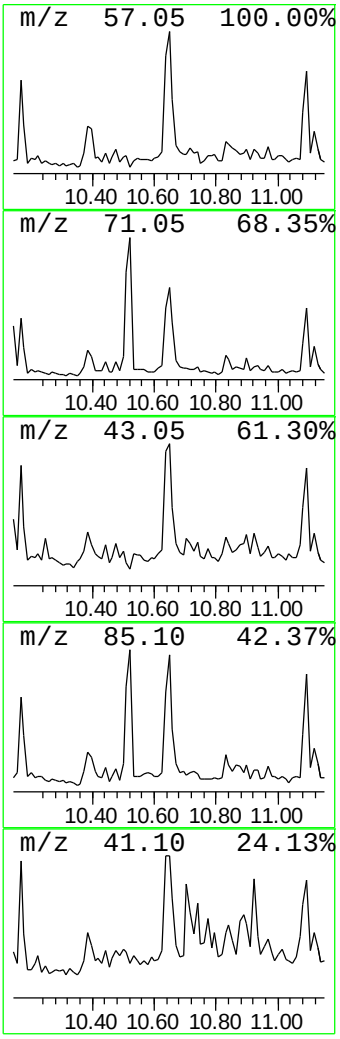
****

Peak Number 5 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.45 ng	324018	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	80
2	Pentadecane	212	C15H32	000629-62-9	80
3	Hexadecane	226	C16H34	000544-76-3	78
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092019.D
Acq On : 29 Dec 2016 12:30
Operator : UM/SJ
Sample : H6278-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

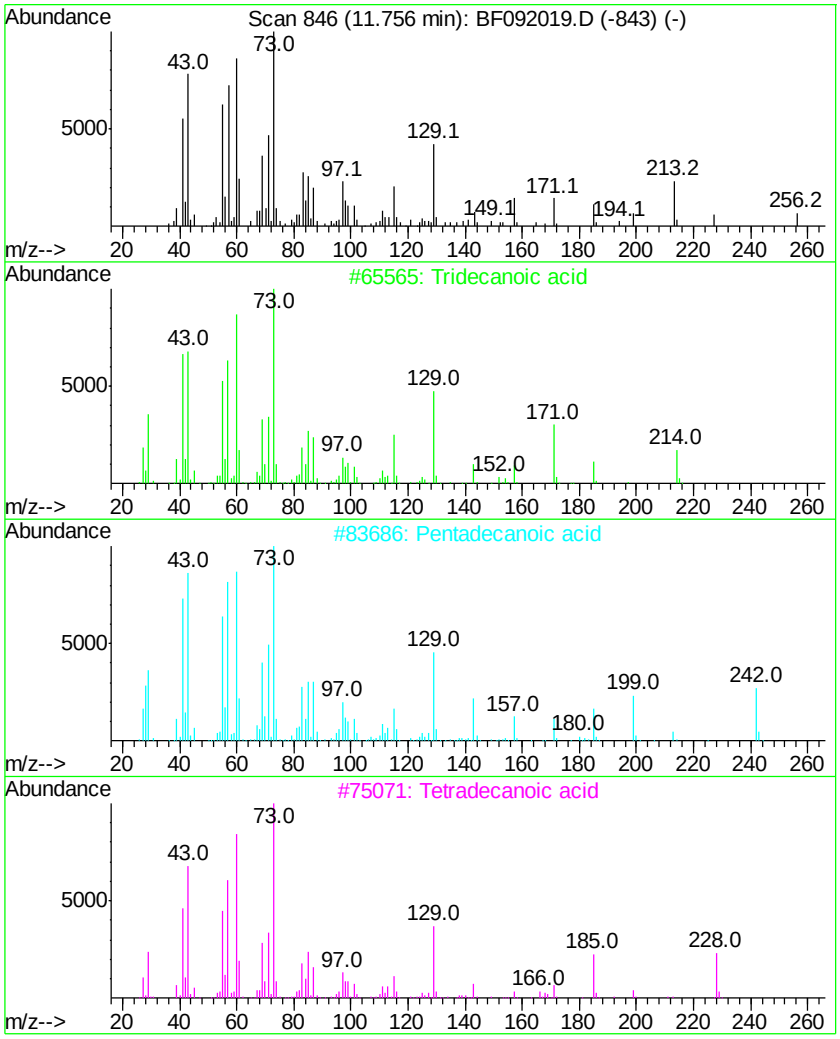
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

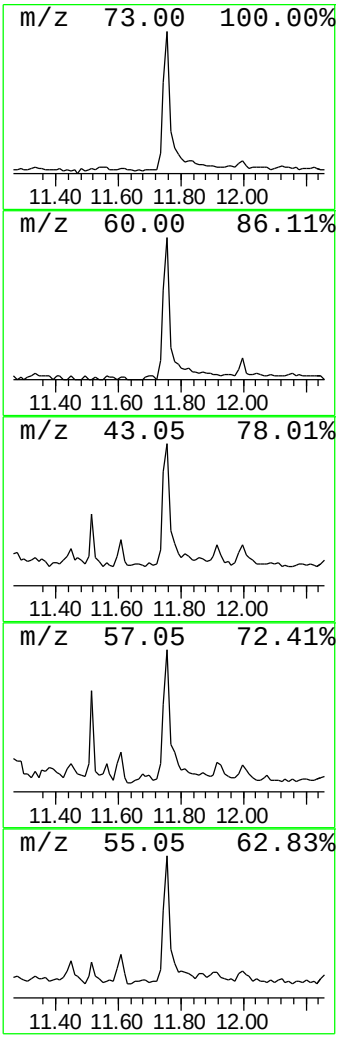
****

Peak Number 6 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.73 ng	360942	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Nonanoic acid	158	C9H18O2	000112-05-0	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092019.D
Acq On : 29 Dec 2016 12:30
Operator : UM/SJ
Sample : H6278-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

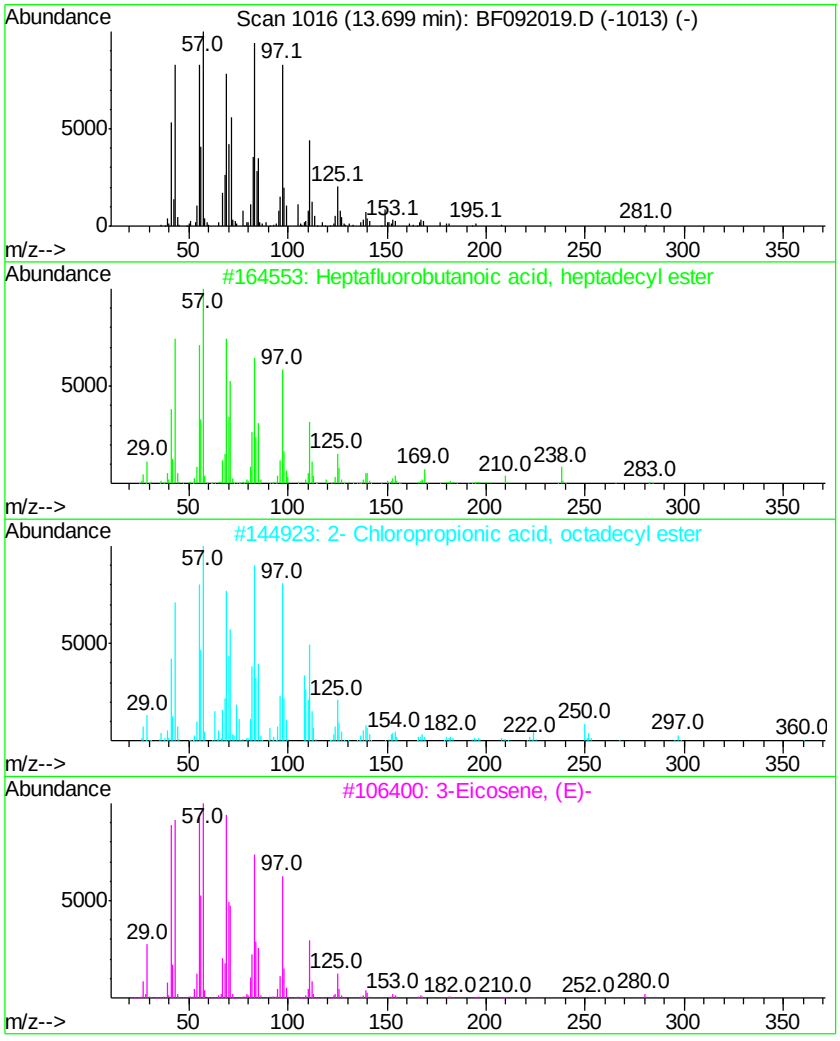
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

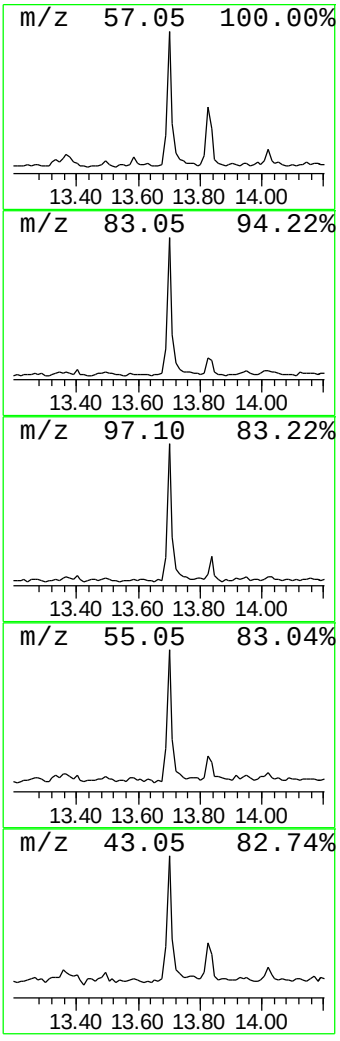
****

Peak Number 7 Heptafluorobutanoic acid, h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	3.03 ng	354310	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122916\
Data File : BF092019.D
Acq On : 29 Dec 2016 12:30
Operator : UM/SJ
Sample : H6278-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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...	4.83	6.8	ng	572317	1	6.69	1683260	20.0
unknown6.46	6.46	71.4	ng	6009030	1	6.69	1683260	20.0
Pyrido[2,3-d]pyri...	9.46	2.6	ng	344619	3	9.73	2612670	20.0
Octadecane	10.65	2.5	ng	324018	4	11.21	2648800	20.0
Tridecanoic acid	11.76	2.7	ng	360942	4	11.21	2648800	20.0
Heptafluorobutano...	13.70	3.0	ng	354310	5	13.84	2341260	20.0