LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098329.D
Acq On : 7 Sep 2017 22:29
Operator : SJ/JU
Sample : I5071-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G43A-1.5-3

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-BF081517.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	2.134	5	8	11	rBV	51965	74333	2.90%	0.329%
2	2.163	11	13	22	rVB2	55493	88114	3.44%	0.390%
3	3.604	252	258	269	rVB	63886	99019	3.87%	0.438%
4	4.869	470	473	487	rVB	159663	222109	8.67%	0.984%
5	5.298	541	546	549	rBV	2334909	2399795	93.69%	10.627%
6	6.339	717	723	726	rBV	2424731	2561392	100.00%	11.343%
7	6.463	739	744	747	rBV	2554365	2408824	94.04%	10.667%
8	6.687	779	782	786	rBV	839373	697567	27.23%	3.089%
9	6.845	805	809	812	rBV	2051668	1744356	68.10%	7.725%
10	7.257	874	879	882	rBV	1682069	1512585	59.05%	6.698%
11	7.975	997	1001	1004	rBV	1043014	910032	35.53%	4.030%
12	9.051	1179	1184	1187	rBV	2764996	2495688	97.43%	11.052%
13	9.445	1247	1251	1255	rBV	467622	368807	14.40%	1.633%
14	9.727	1295	1299	1302	rBV	1031876	908291	35.46%	4.022%
15	9.757	1302	1304	1309	rVB	37283	28184	1.10%	0.125%
16	10.516	1429	1433	1436	rBV	1464587	1307822	51.06%	5.791%
17	10.633	1450	1453	1462	rVB	43506	56192	2.19%	0.249%
18	11.080	1526	1529	1532	rBV2	33302	28922	1.13%	0.128%
19	11.210	1547	1551	1553	rBV	1025969	853638	33.33%	3.780%
20	11.233	1553	1555	1558	rVV	79724	65555	2.56%	0.290%
21	11.280	1558	1563	1567	rVB	28316	34079	1.33%	0.151%
22	12.416	1753	1756	1760	rBV	133273	121662	4.75%	0.539%
23	12.645	1789	1795	1798	rBV	130997	132589	5.18%	0.587%
24	12.798	1816	1821	1824	rBV	1916237	1930268	75.36%	8.548%
25	13.692	1970	1973	1978	rBV	146928	160911	6.28%	0.713%
26	13.845	1994	1999	2002	rBV	818166	822216	32.10%	3.641%
27	15.257	2235	2239	2246	rVB	432493	549041	21.44%	2.431%

Sum of corrected areas: 22581991

LSC Report - Integrated Chromatogram

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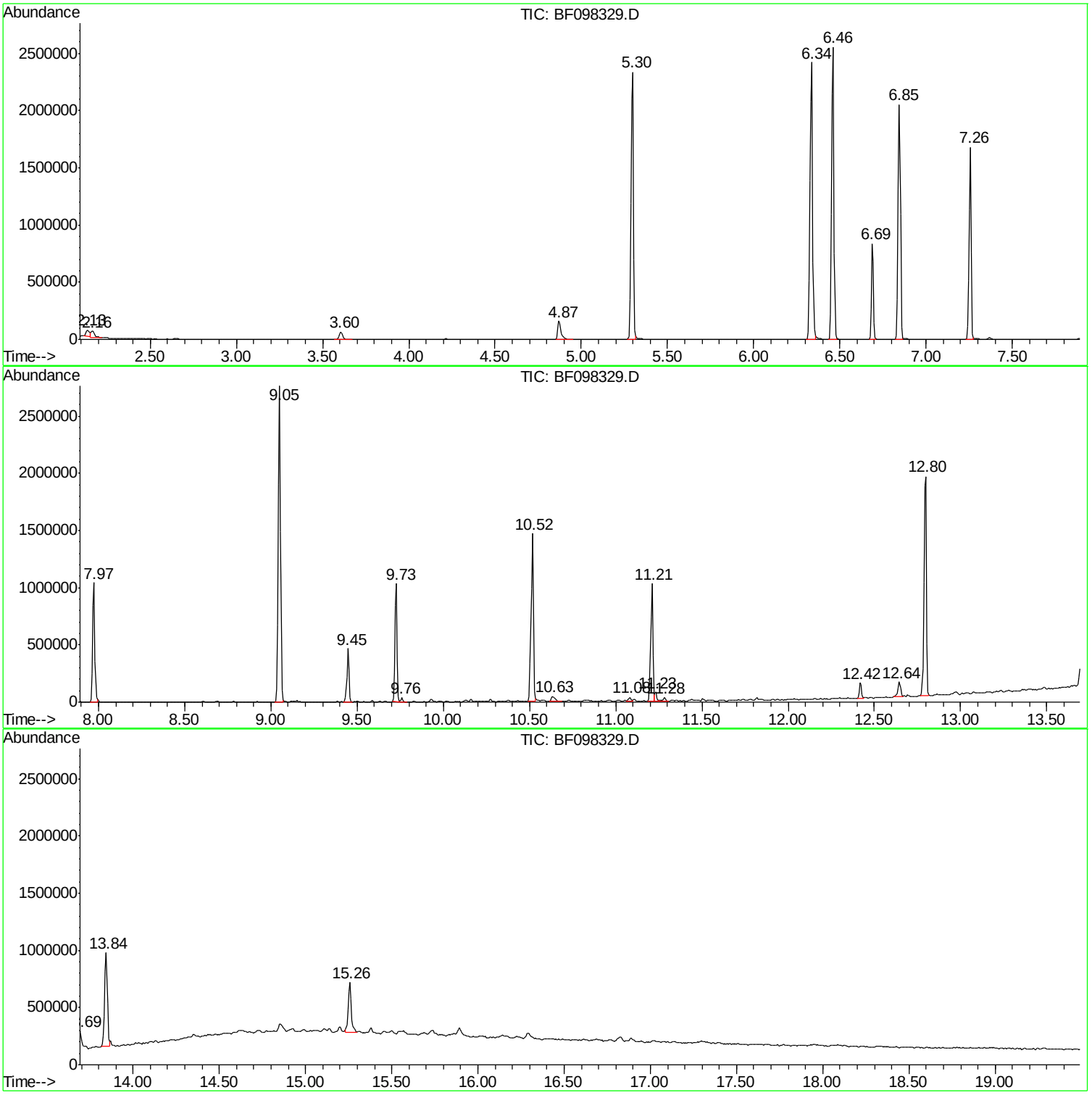
Operator : SJ/JU
Sample : I5071-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G43A-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098329.D
Acq On : 7 Sep 2017 22:29
Operator : SJ/JU
Sample : I5071-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G43A-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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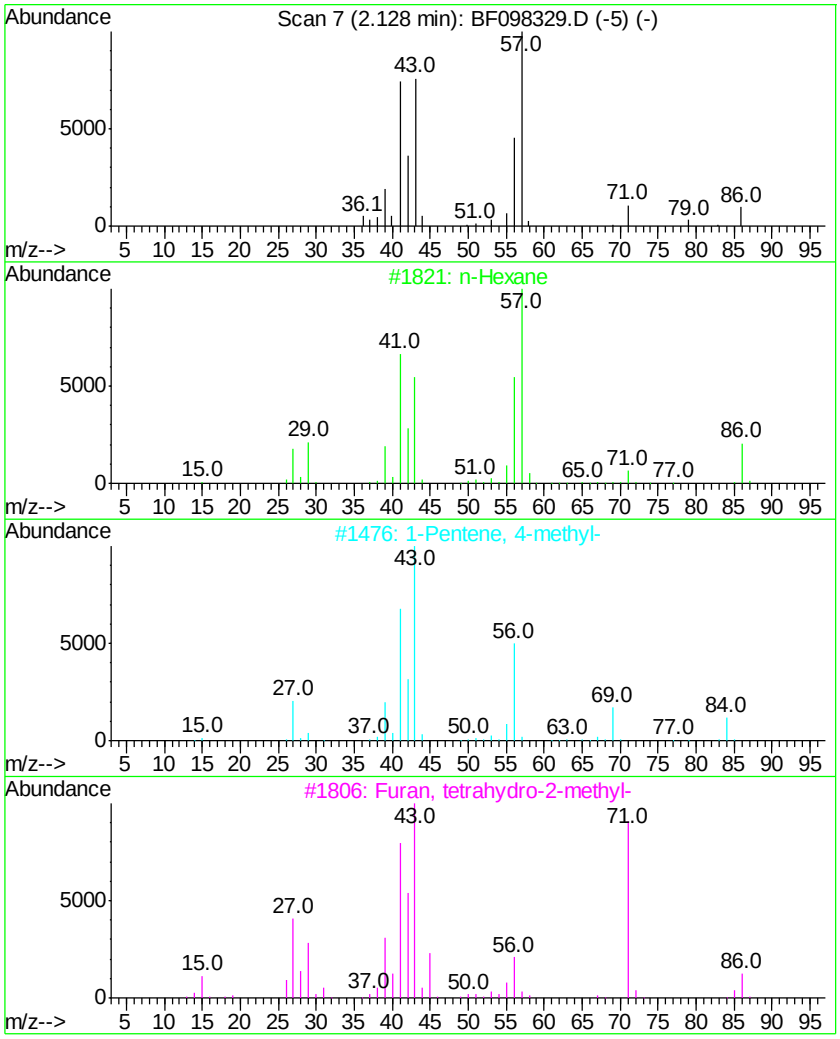
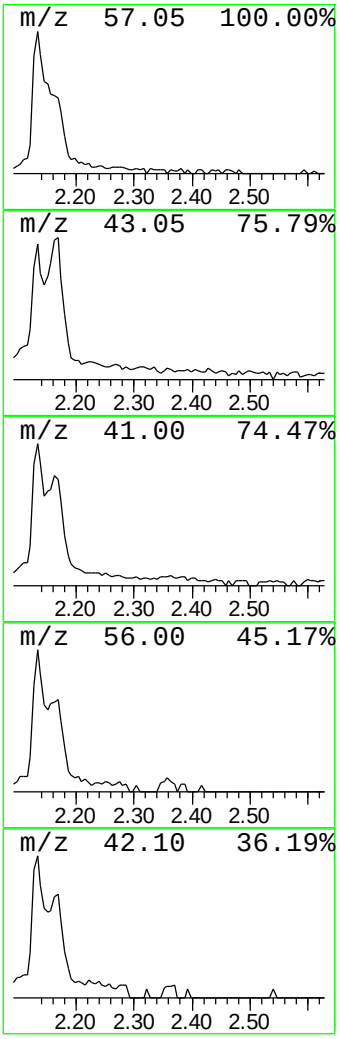
Peak Number 1 n-Hexane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	2.13 ng	74333	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	50
2	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	50
3	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	43
4	3-Aminopyrrolidine	86	C4H10N2	079286-79-6	38
5	5,5-Dimethyl-1,3-dioxan-2-one	130	C6H10O3	003592-12-9	32





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098329.D
Acq On : 7 Sep 2017 22:29
Operator : SJ/JU
Sample : I5071-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G43A-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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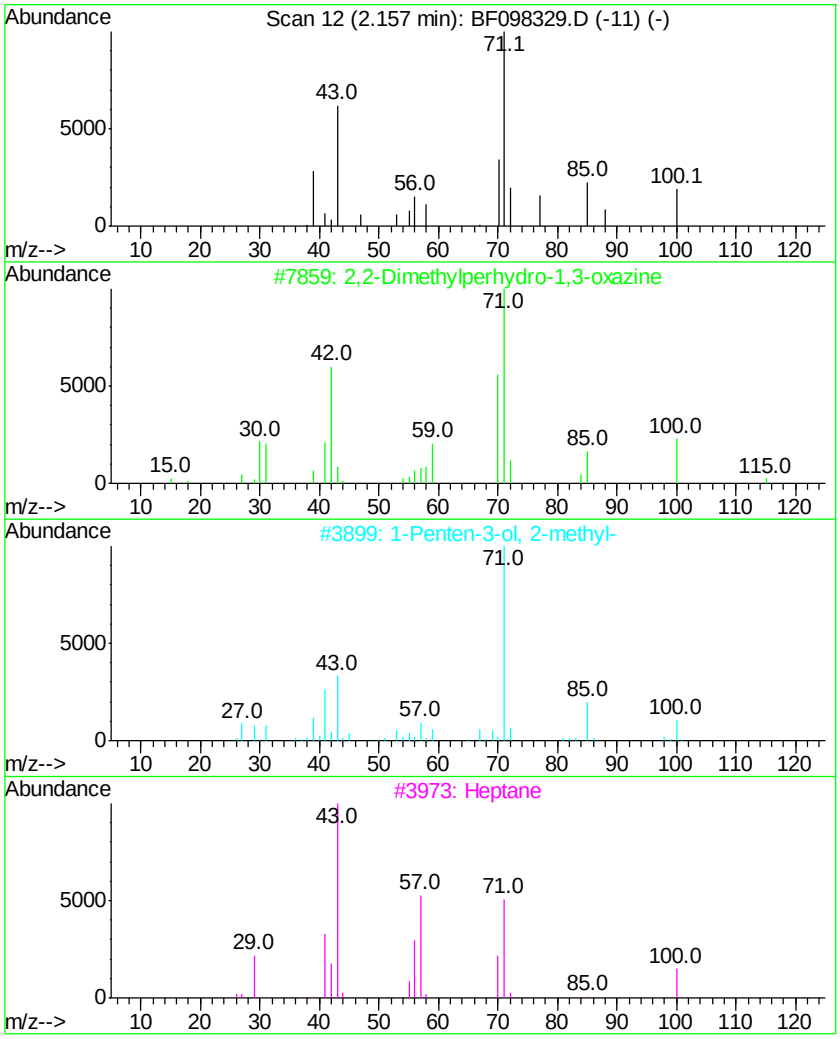
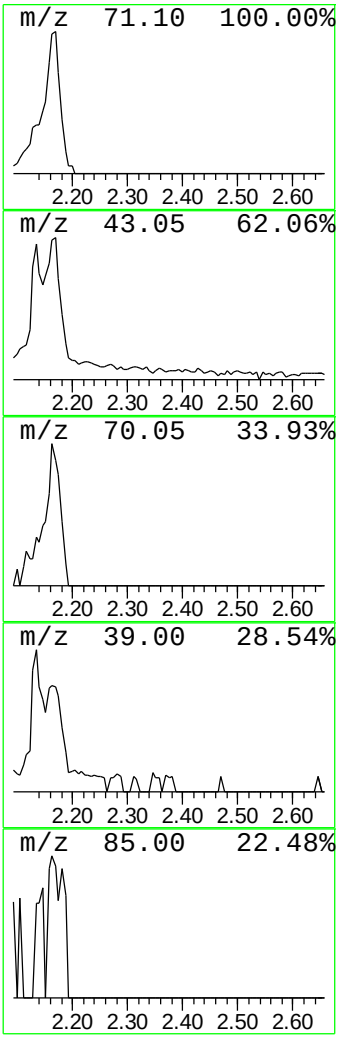
Peak Number 2 2,2-Dimethylperhydro-1,3-ox... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	2.53 ng	88114	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylperhydro-1,3-oxazine	115	C6H13NO	073155-29-0	72
2	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	37
3	Heptane	100	C7H16	000142-82-5	27
4	2-Ethyl-1-butanol, trifluoroacetate	198	C8H13F3O2	1000352-36-4	25
5	5-Methyl-4-octanone	142	C9H18O	006175-51-5	25





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098329.D
Acq On : 7 Sep 2017 22:29
Operator : SJ/JU
Sample : I5071-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G43A-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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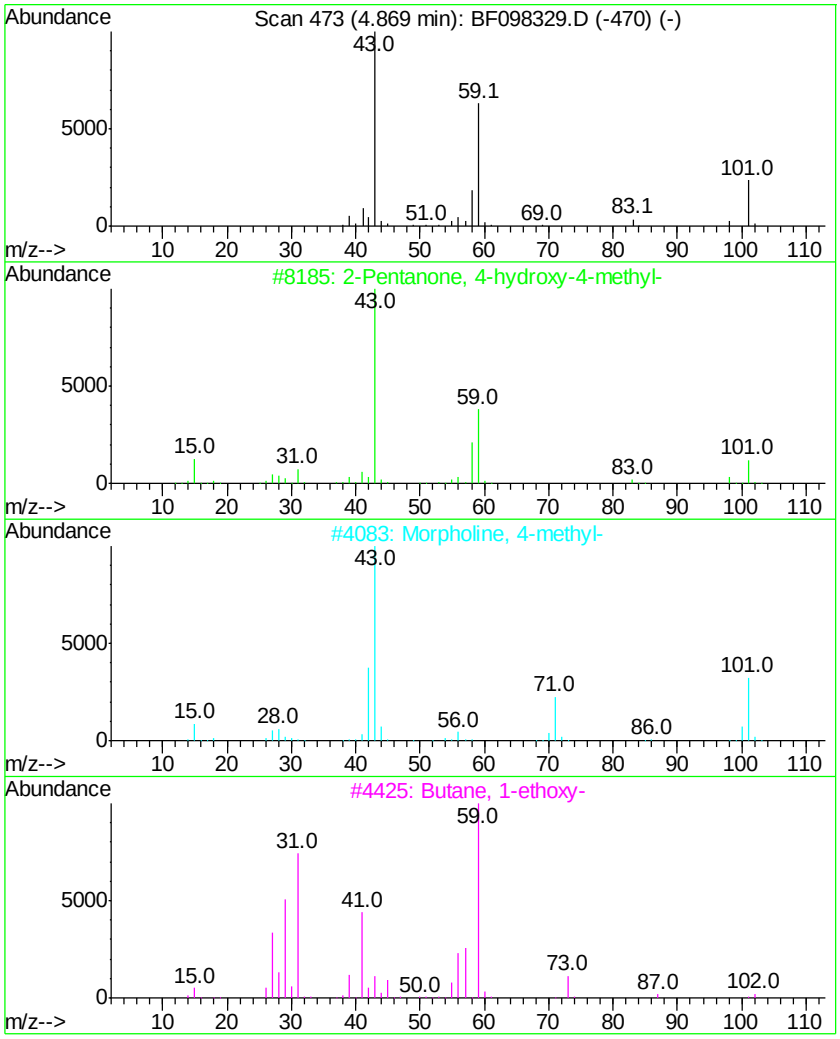
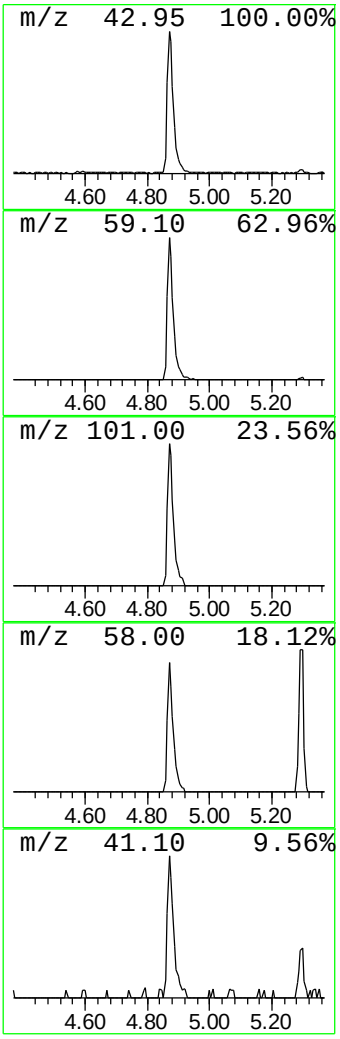
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	6.37 ng	222109	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	50
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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Data File : BF098329.D
Acq On : 7 Sep 2017 22:29
Operator : SJ/JU
Sample : I5071-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G43A-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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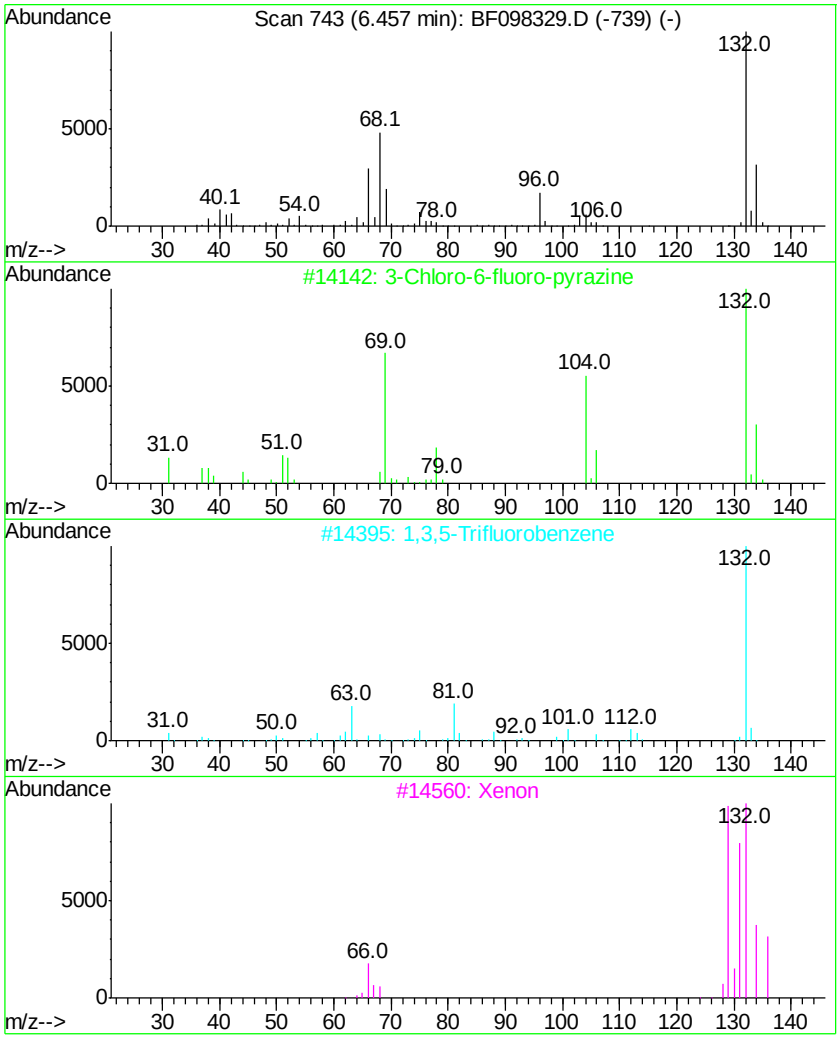
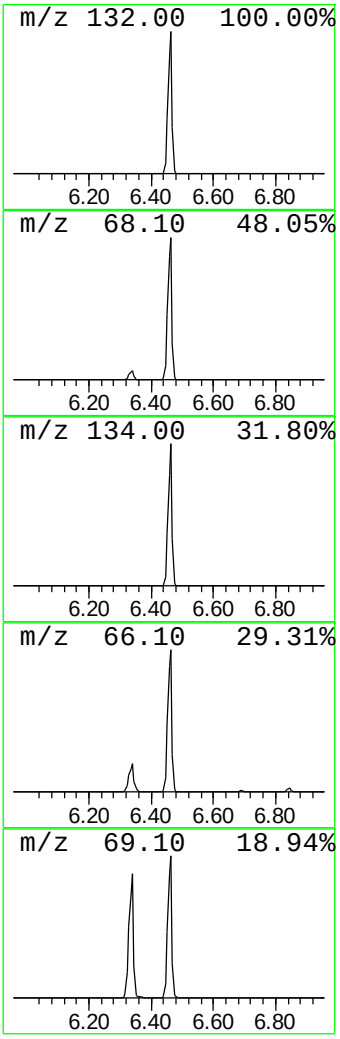
Peak Number 5 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	69.06 ng	2408820	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	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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Operator : SJ/JU
Sample : I5071-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G43A-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

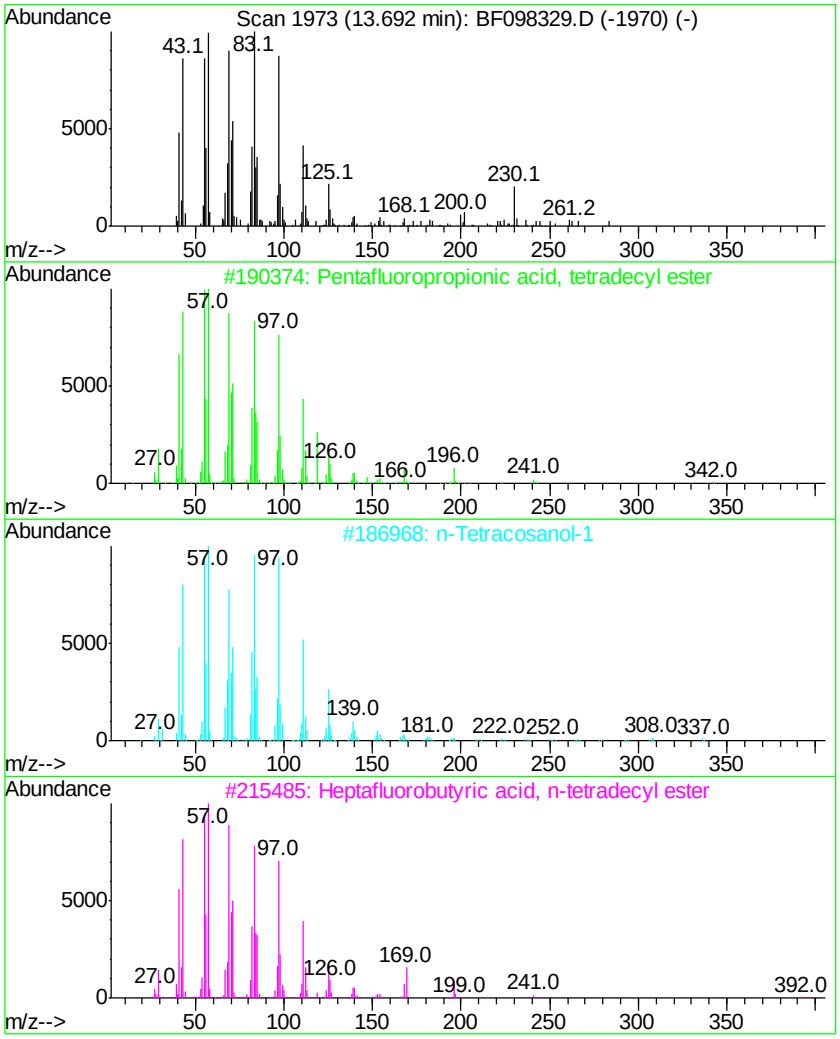
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

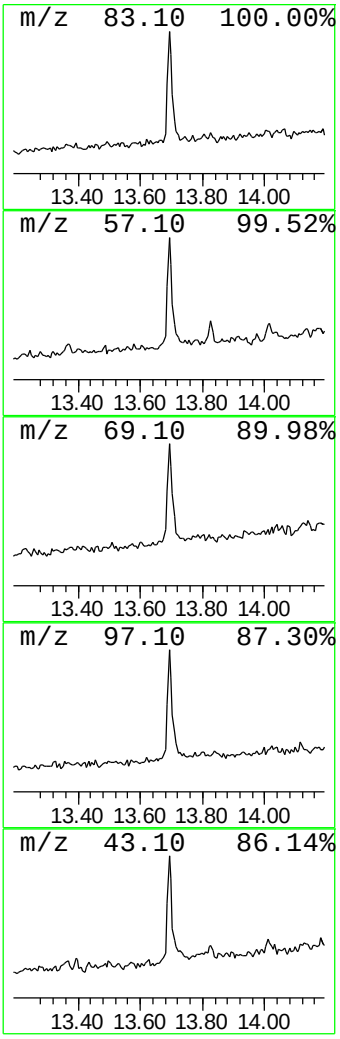
****

Peak Number 7 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	3.91 ng	160911	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF090717\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexane	2.13	2.1	ng	74333	1	6.69	697567	20.0
2,2-Dimethylperhy...	2.16	2.5	ng	88114	1	6.69	697567	20.0
2-Pentanone, 4-hy...	4.87	6.4	ng	222109	1	6.69	697567	20.0
unknown6.46	6.46	69.1	ng	2408820	1	6.69	697567	20.0
Pentafluoropropio...	13.69	3.9	ng	160911	5	13.84	822216	20.0