LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081544.D
Acq On : 9 Sep 2015 4:10
Operator : UM/IZ
Sample : G3591-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE-FILL-SOURCE-3B

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-BF090115.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	1.792	16	18	31	rVB	89727	250555	19.25%	2.115%
2	2.695	94	97	101	rBB	13842	23742	1.82%	0.200%
3	3.484	164	166	174	rBB	9528	22690	1.74%	0.192%
4	4.376	241	244	257	rVB	556832	916682	70.41%	7.739%
5	4.890	287	289	302	rBB	956005	1184849	91.01%	10.002%
6	6.010	385	387	390	rBV	991361	1073214	82.44%	9.060%
7	6.113	393	396	398	rBV	1319631	1251351	96.12%	10.564%
8	6.341	414	416	419	rBV	362333	309833	23.80%	2.616%
9	6.501	427	430	432	rBV	967291	899042	69.06%	7.590%
10	6.924	464	467	469	rBV	826726	818414	62.86%	6.909%
11	7.633	527	529	531	rBV	475437	391829	30.10%	3.308%
12	8.056	564	566	571	rBV	18282	28128	2.16%	0.237%
13	8.719	621	624	626	rBV	1486757	1301884	100.00%	10.990%
14	9.119	657	659	662	rBV	269941	239099	18.37%	2.018%
15	9.370	679	681	684	rVB	412925	384028	29.50%	3.242%
16	10.159	747	750	752	rBV	602392	666024	51.16%	5.623%
17	10.308	760	763	767	rBV	28769	34758	2.67%	0.293%
18	10.753	800	802	803	rBV	21763	18888	1.45%	0.159%
19	10.833	807	809	812	rBV	374617	367711	28.24%	3.104%
20	11.416	858	860	865	rBV	16263	27336	2.10%	0.231%
21	12.273	934	935	937	rVB	11779	15108	1.16%	0.128%
22	12.422	945	948	950	rBV	1076218	967442	74.31%	8.167%
23	13.348	1026	1029	1035	rBV	66244	134711	10.35%	1.137%
24	13.439	1035	1037	1039	rBV	259644	264651	20.33%	2.234%
25	14.754	1150	1152	1154	rBV	244225	253654	19.48%	2.141%

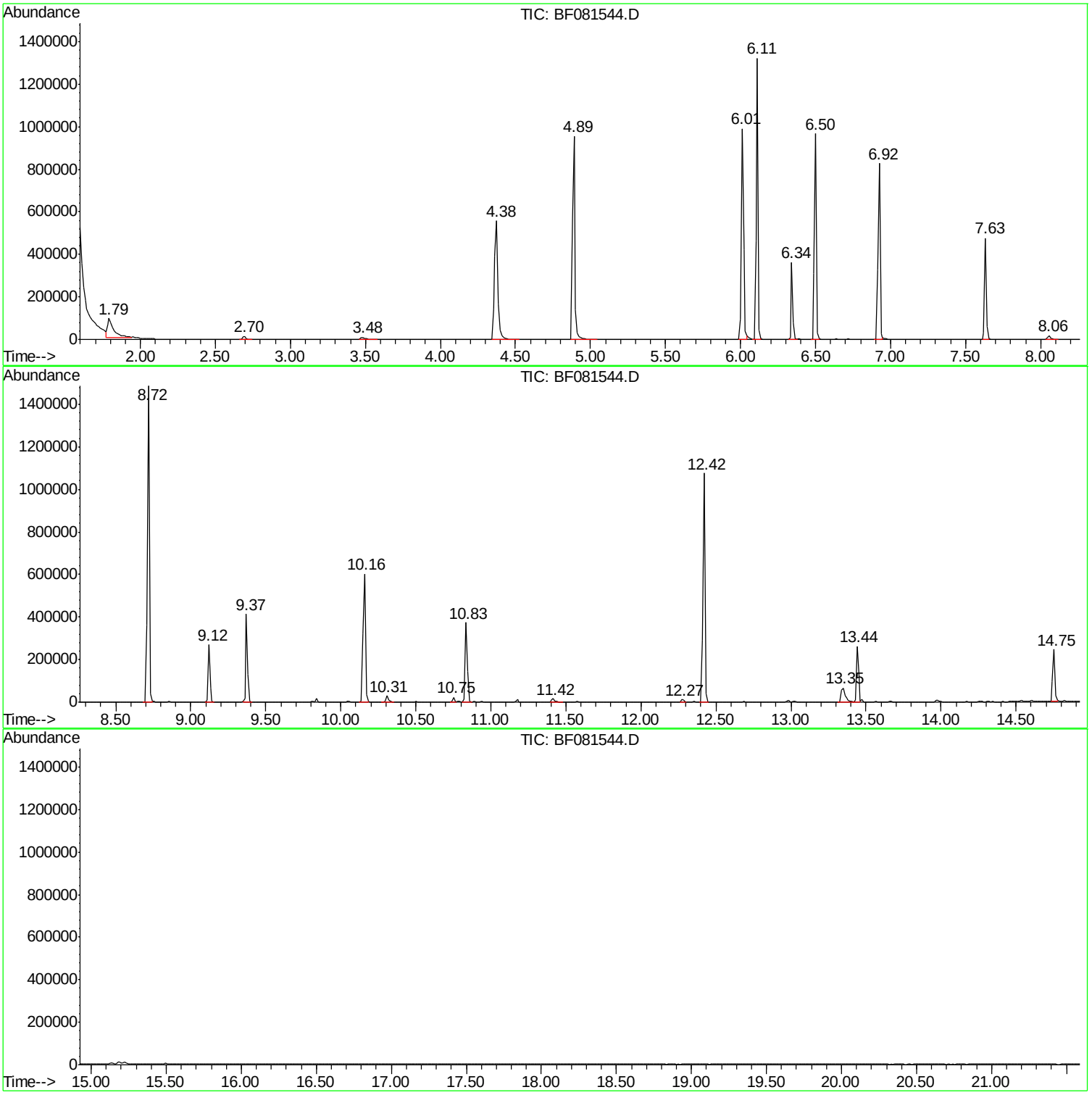
Sum of corrected areas: 11845623

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081544.D
Acq On : 9 Sep 2015 4:10
Operator : UM/IZ
Sample : G3591-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081544.D
Acq On : 9 Sep 2015 4:10
Operator : UM/IZ
Sample : G3591-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

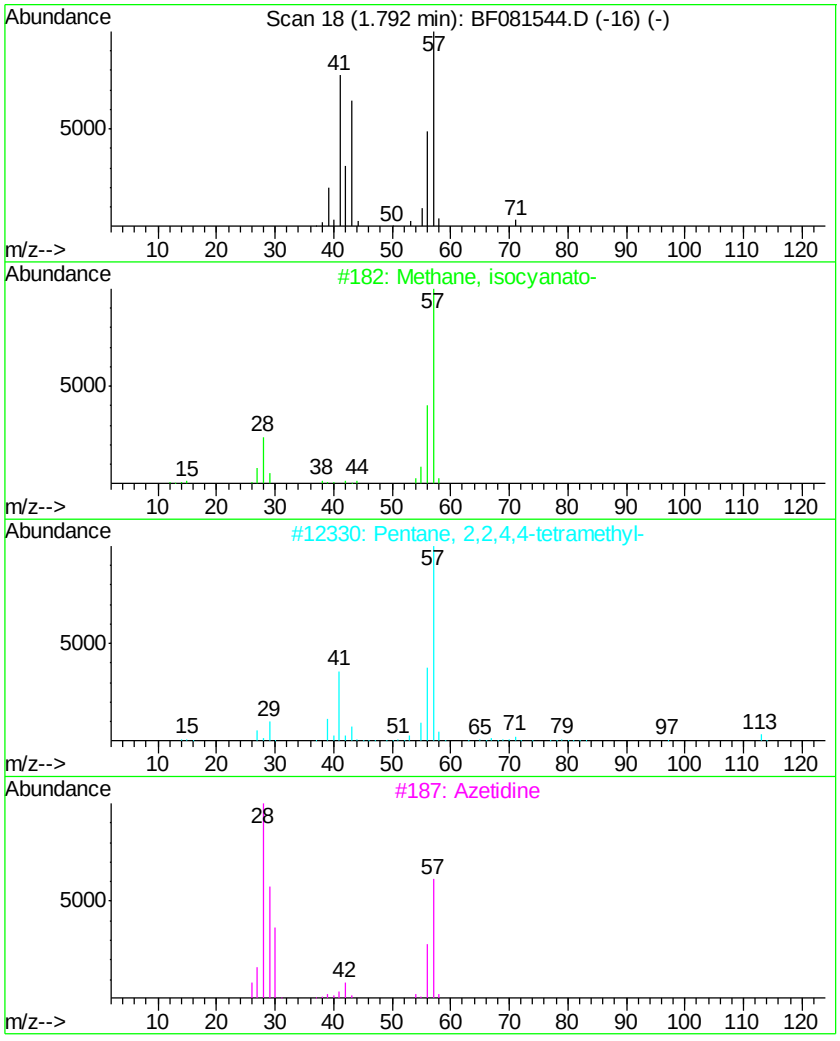
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

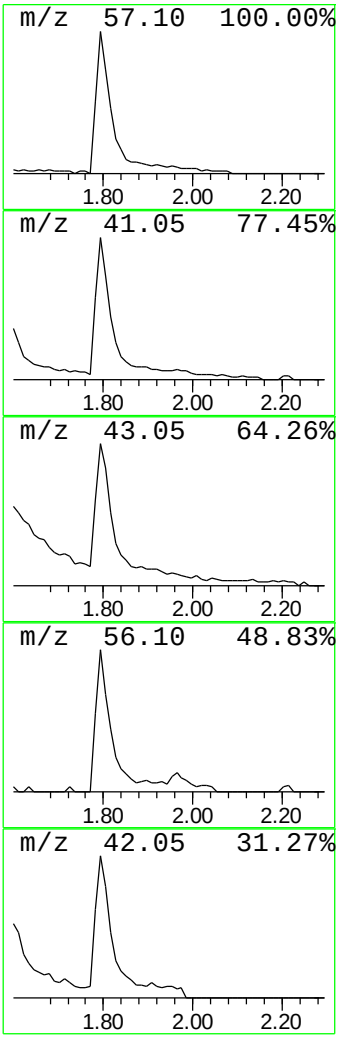
****

Peak Number 1 unknown1.79 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	16.17 ng	250555	1,4-Dichlorobenzene-d4	6.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, isocyanato-	57	C2H3NO	000624-83-9	37
2	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	33
3	Azetidine	57	C3H7N	000503-29-7	9
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	9
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081544.D
Acq On : 9 Sep 2015 4:10
Operator : UM/IZ
Sample : G3591-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE-FILL-SOURCE-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

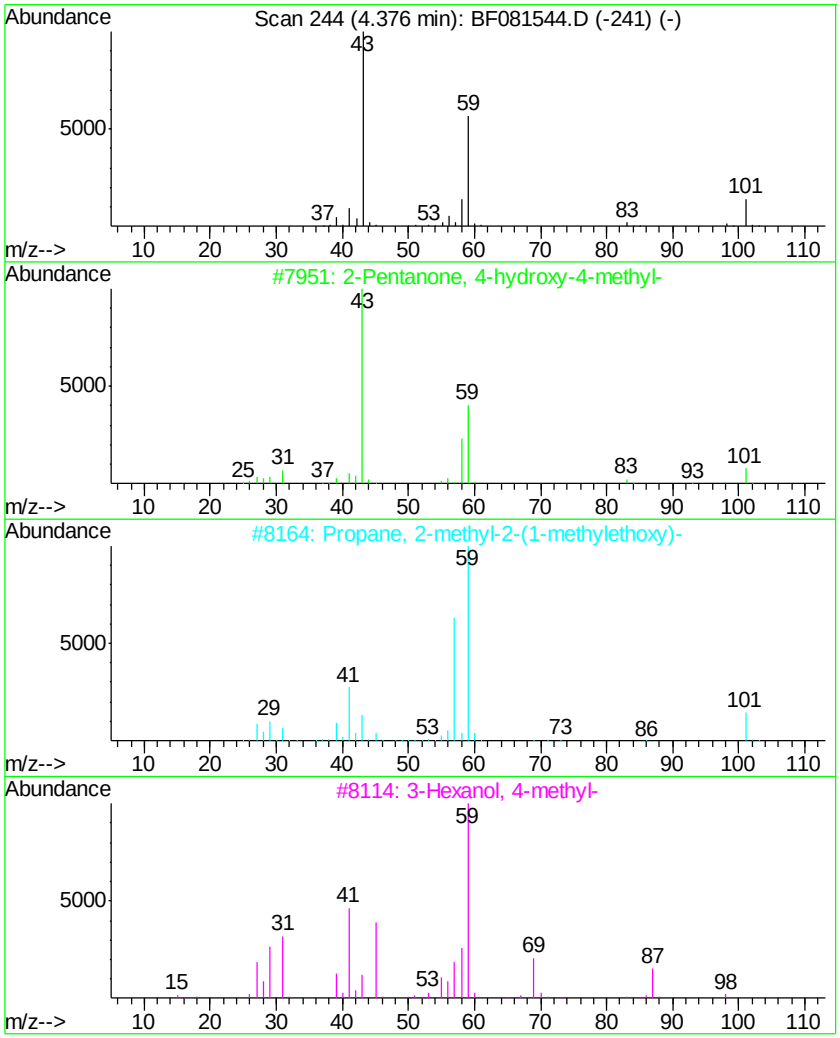
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

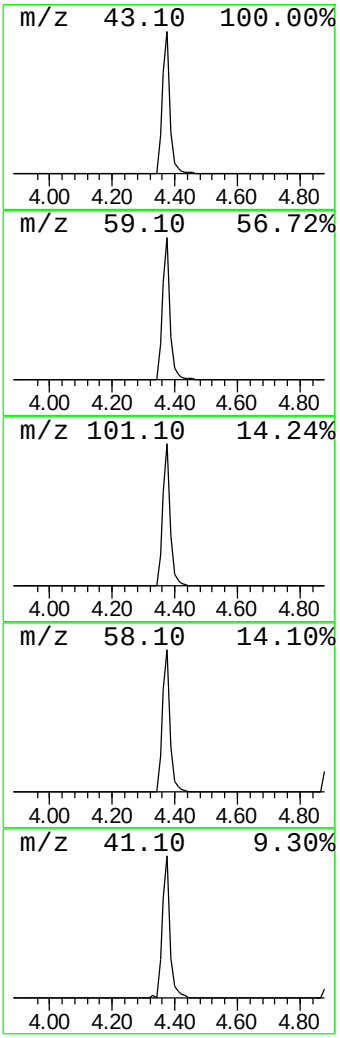
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	59.17 ng	916682	1,4-Dichlorobenzene-d4	6.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081544.D
Acq On : 9 Sep 2015 4:10
Operator : UM/IZ
Sample : G3591-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE-FILL-SOURCE-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

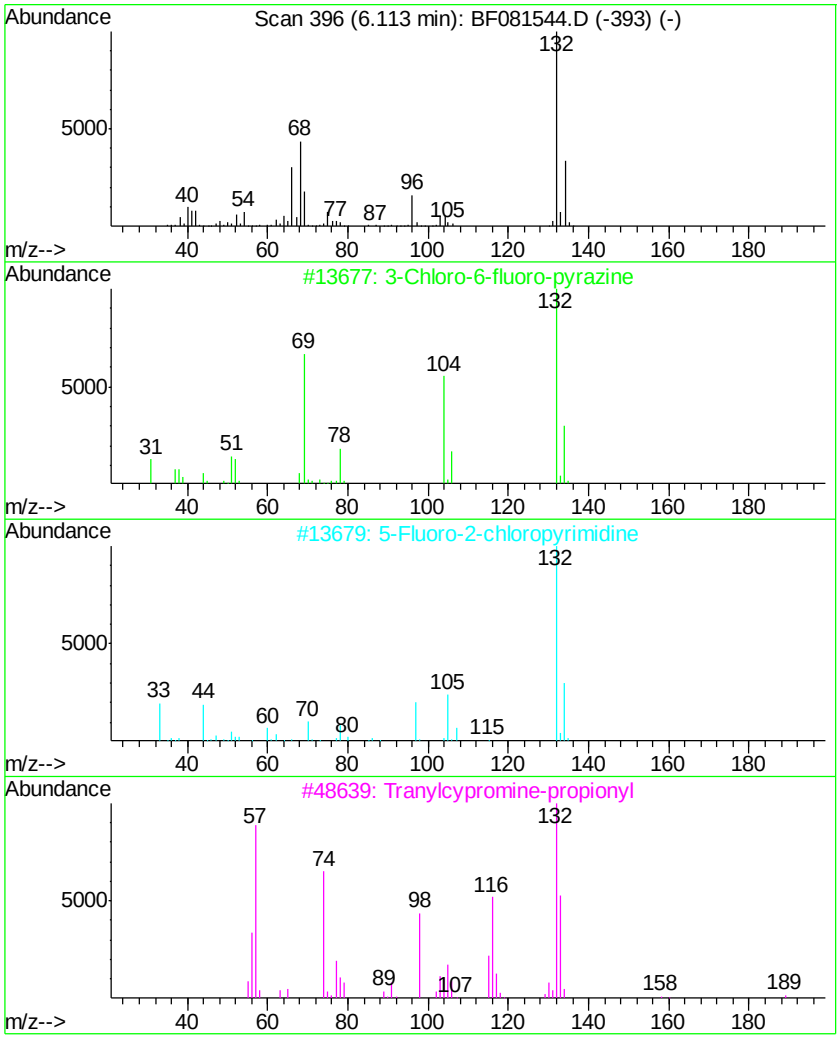
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

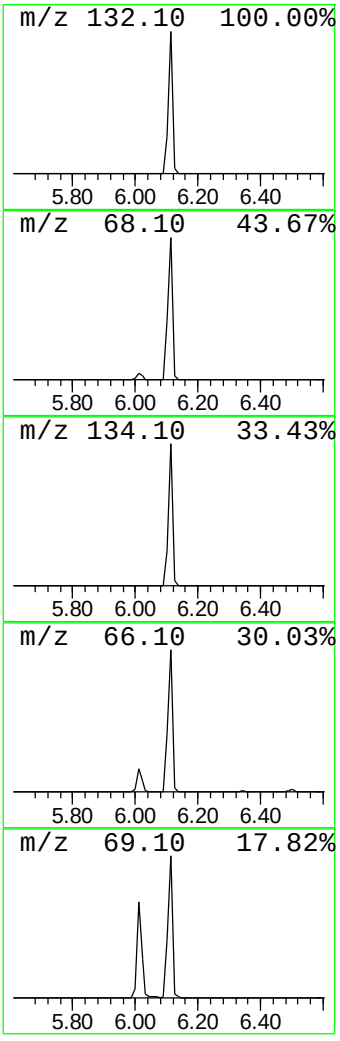
****

Peak Number 3 unknown6.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	80.78 ng	1251350	1,4-Dichlorobenzene-d4	6.34

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081544.D
Acq On : 9 Sep 2015 4:10
Operator : UM/IZ
Sample : G3591-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE-FILL-SOURCE-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

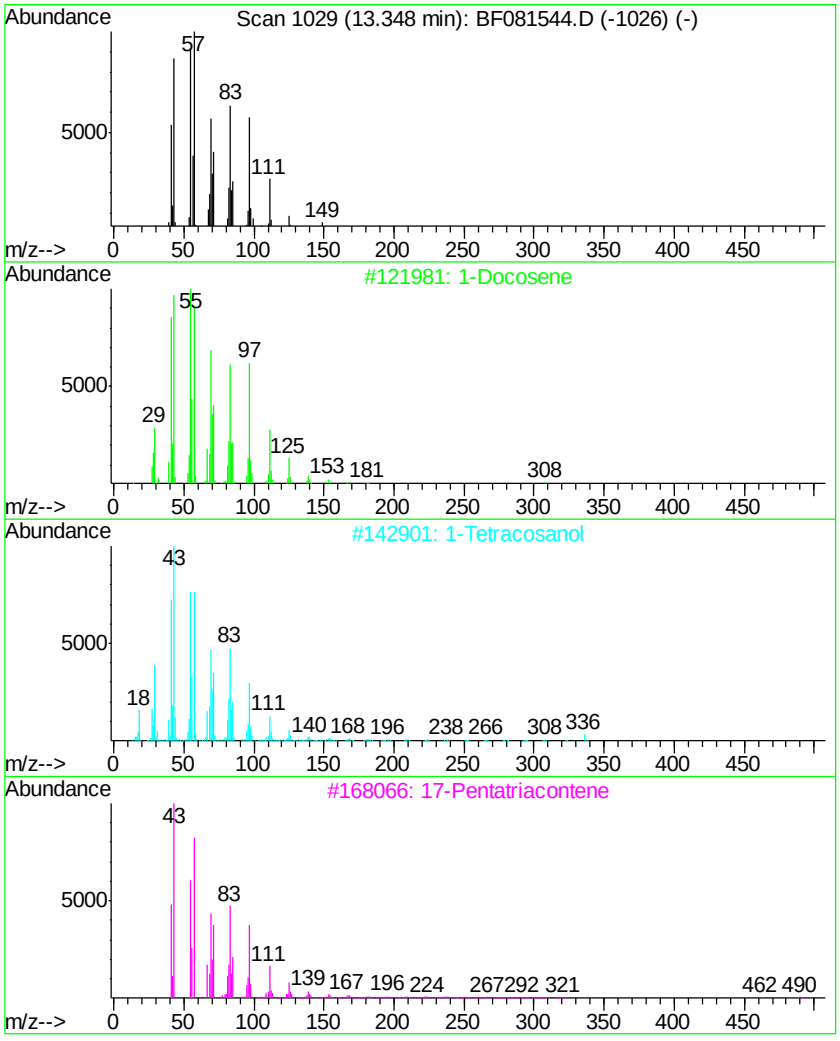
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

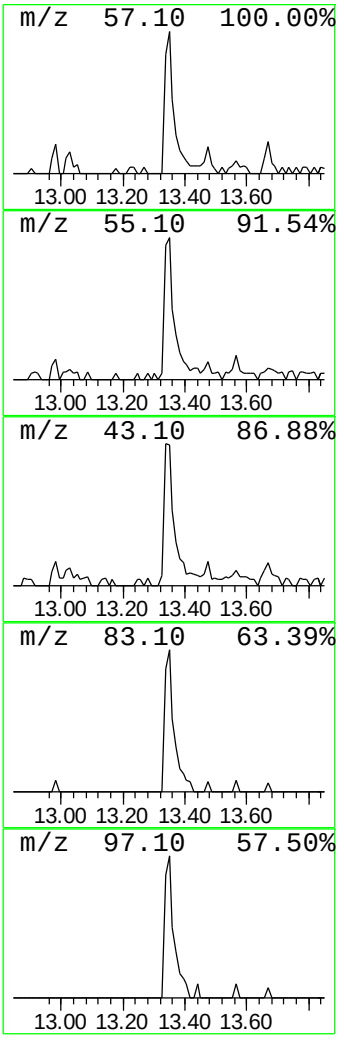
****

Peak Number 5 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	10.18 ng	134711	Chrysene-d12	13.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	1-Tetracosanol	354	C24H50O	000506-51-4	87
3	17-Pentatriacontene	491	C35H70	006971-40-0	83
4	11-Tricosene	322	C23H46	052078-56-5	80
5	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081544.D
Acq On : 9 Sep 2015 4:10
Operator : UM/IZ
Sample : G3591-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE-FILL-SOURCE-3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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
unknown1.79	1.79	16.2	ng	250555	1	6.34	309833	20.0
2-Pentanone, 4-hy...	4.38	59.2	ng	916682	1	6.34	309833	20.0
unknown6.11	6.11	80.8	ng	1251350	1	6.34	309833	20.0
1-Docosene	13.35	10.2	ng	134711	5	13.44	264651	20.0