LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087636.D
Acq On : 2 Jun 2016 2:03
Operator : UM/SJ
Sample : H3349-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-22

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-BF052316.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	4.684	268	271	287	rBV	29241	128560	2.80%	0.423%
2	5.336	326	328	364	rBV	458681	1823583	39.67%	5.995%
3	7.004	472	474	479	rBV	394302	837643	18.22%	2.754%
4	7.084	479	481	500	rVB	1813863	3828524	83.28%	12.586%
5	7.416	508	510	522	rBV	408958	800427	17.41%	2.631%
6	7.656	528	531	543	rVB	1905682	3080616	67.01%	10.128%
7	8.342	588	591	618	rBV	1859697	2917225	63.45%	9.590%
8	9.450	686	688	708	rVB	492607	987112	21.47%	3.245%
9	11.222	840	843	846	rBV	2840530	4597406	100.00%	15.114%
10	11.942	903	906	917	rBV	86996	187771	4.08%	0.617%
11	12.274	932	935	952	rBV	813186	1075363	23.39%	3.535%
12	13.576	1046	1049	1064	rBV	1891698	2999371	65.24%	9.860%
13	13.874	1073	1075	1081	rVB	42065	73724	1.60%	0.242%
14	14.685	1144	1146	1158	rVB	548091	1031335	22.43%	3.391%
15	15.188	1187	1190	1196	rBV	29626	61155	1.33%	0.201%
16	15.668	1230	1232	1236	rBV	27440	51898	1.13%	0.171%
17	16.777	1326	1329	1336	rBV	45168	83057	1.81%	0.273%
18	17.040	1349	1352	1355	rBV	3213026	4263470	92.74%	14.016%
19	18.103	1442	1445	1455	rBV2	18413	50446	1.10%	0.166%
20	18.286	1458	1461	1468	rVV	51075	100771	2.19%	0.331%
21	18.400	1470	1471	1484	rVV	379718	813375	17.69%	2.674%
22	20.091	1617	1619	1630	rBV	267878	625490	13.61%	2.056%

Sum of corrected areas: 30418322

LSC Report - Integrated Chromatogram

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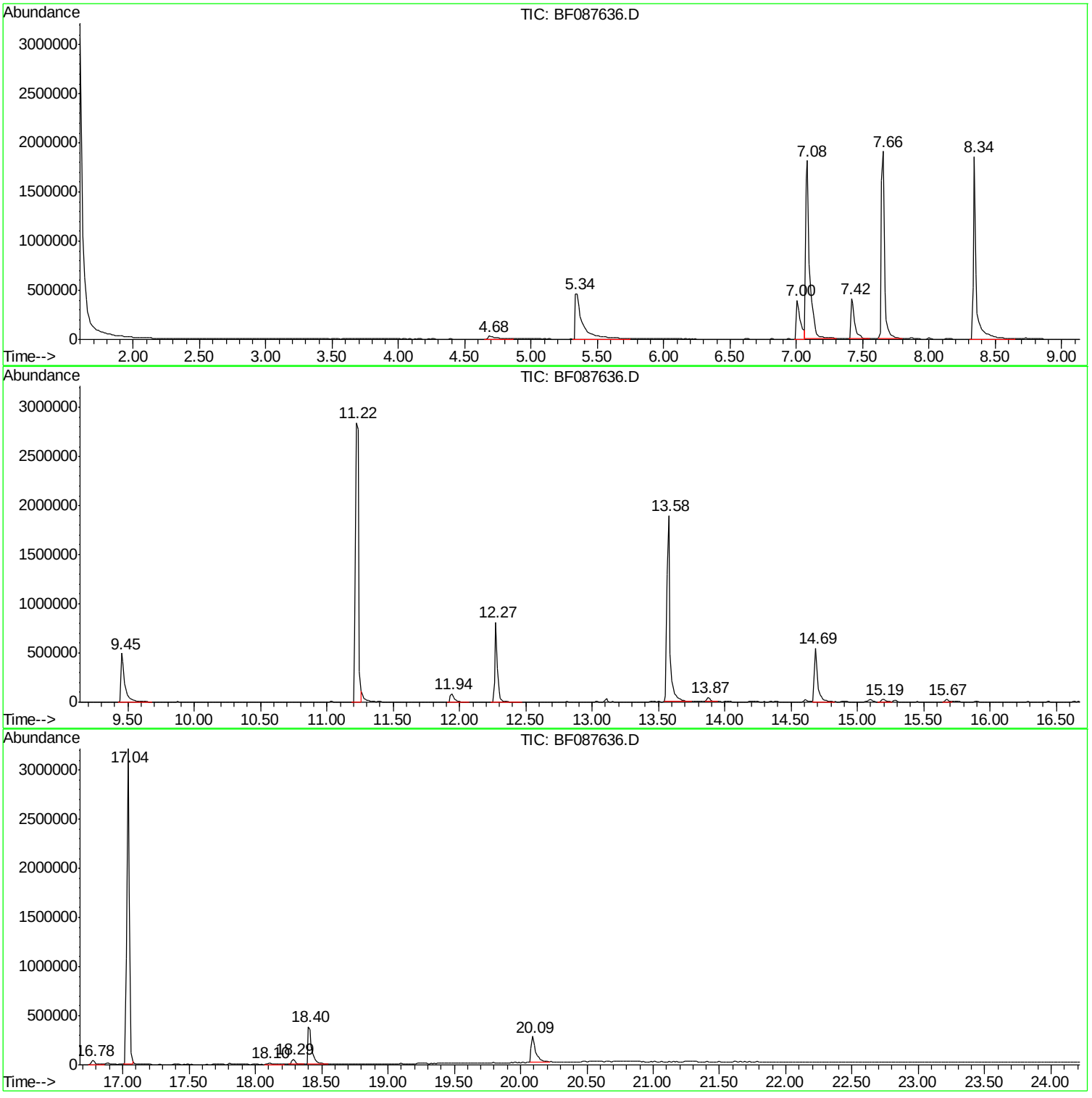
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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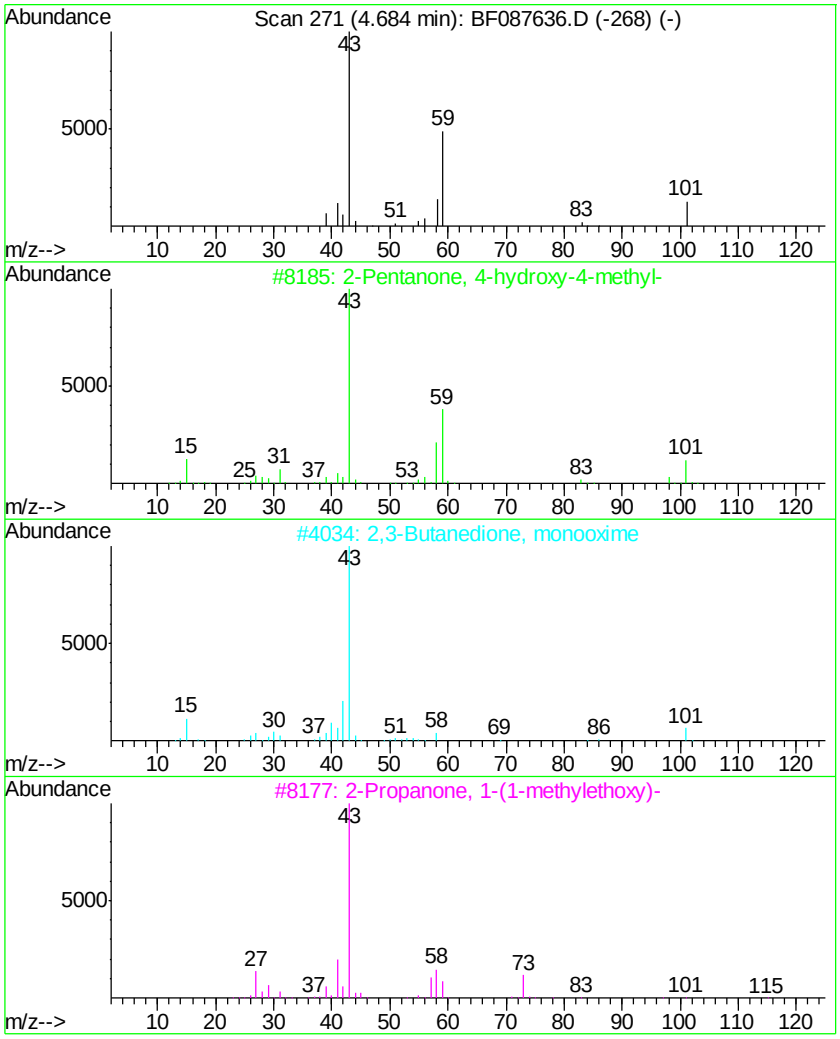
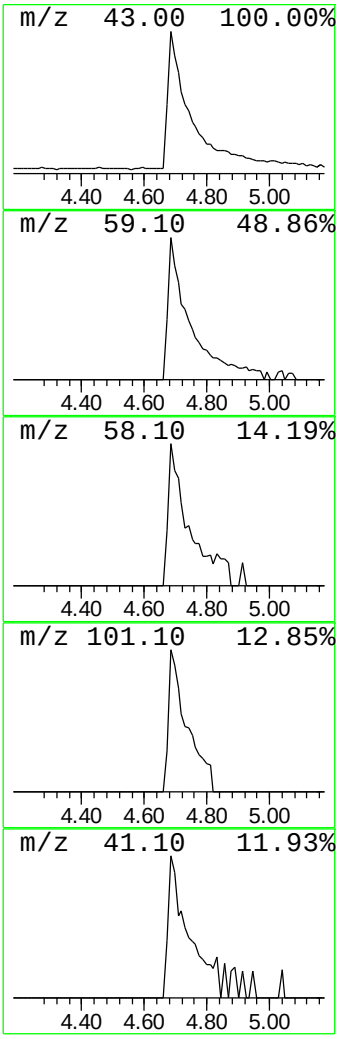
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	3.21 ng	128560	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	2-Pentanone, 5-(acetyloxy)-	144	C7H12O3	005185-97-7	9





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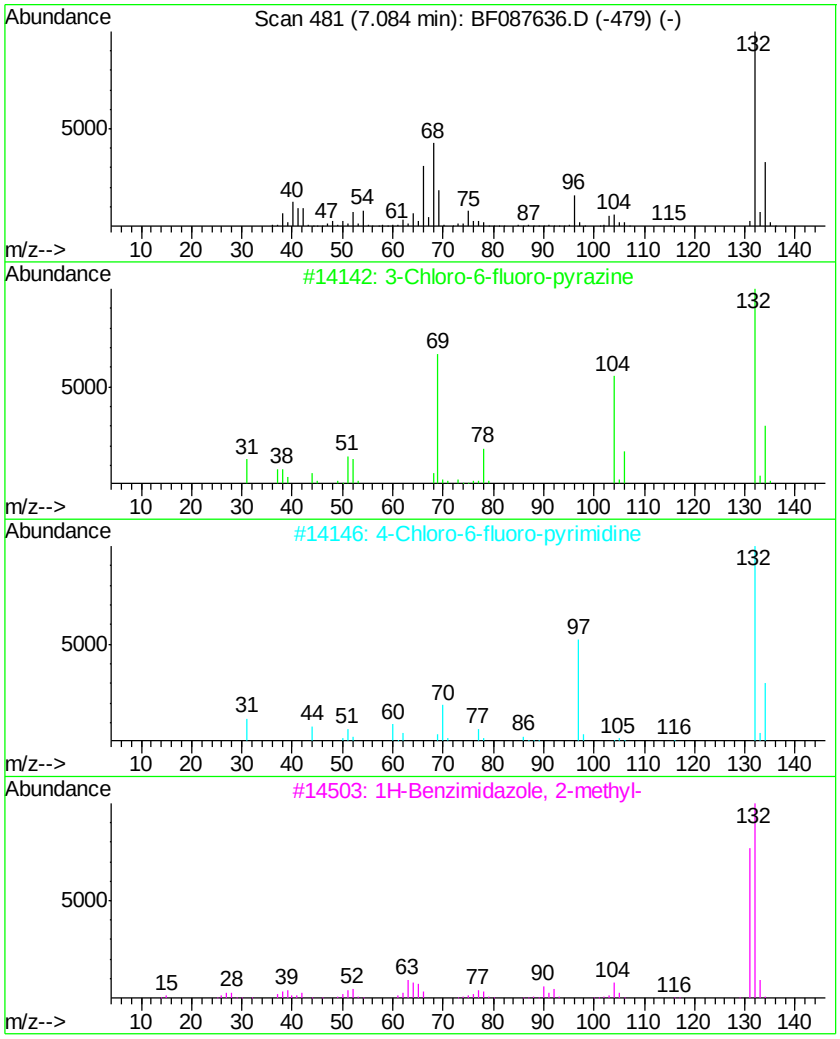
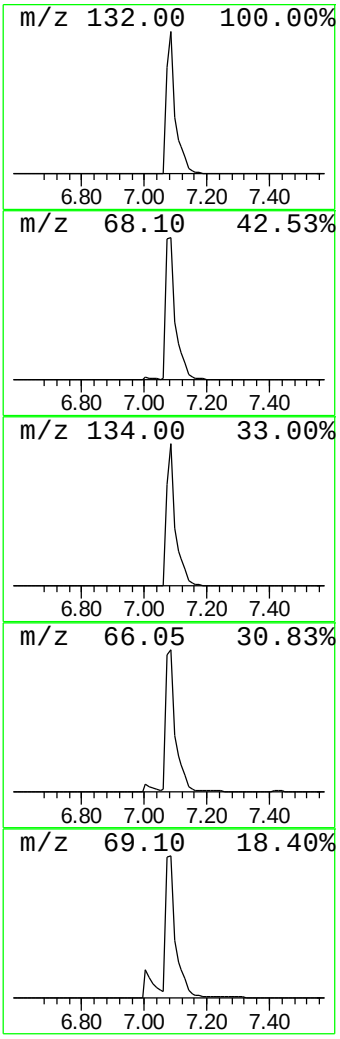
Peak Number 2 unknown7.08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	95.66 ng	3828520	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Misc :
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Instrument : BNA_F
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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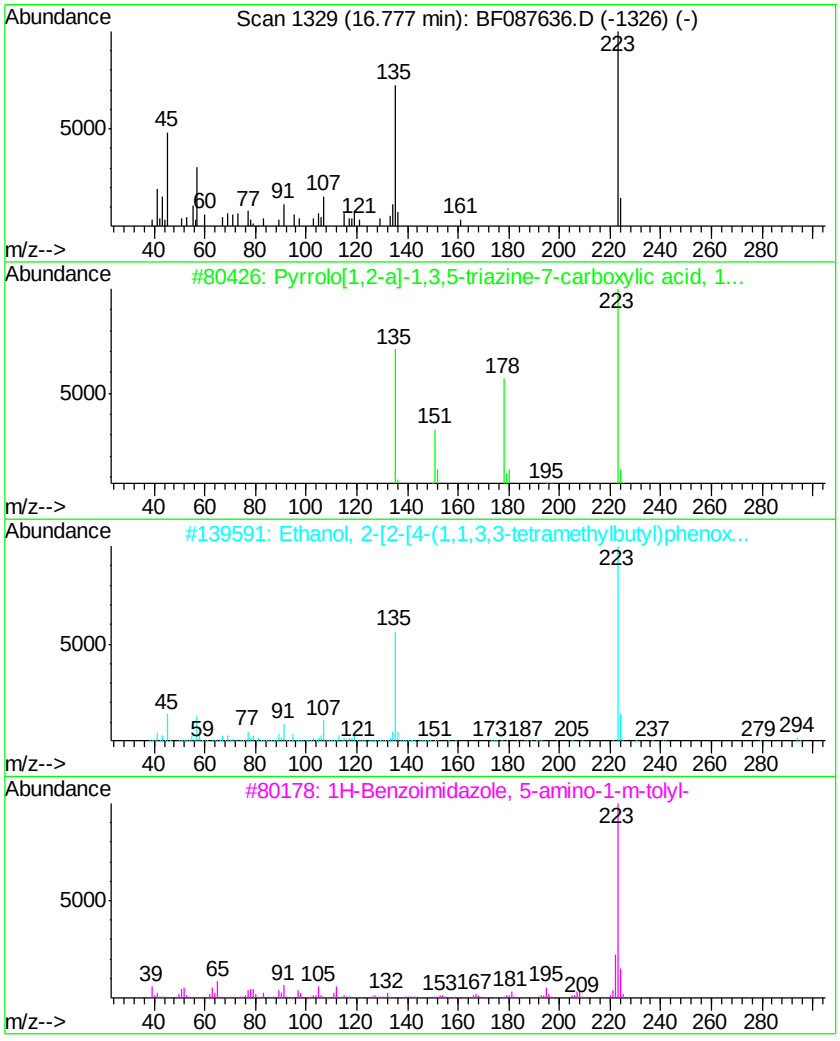
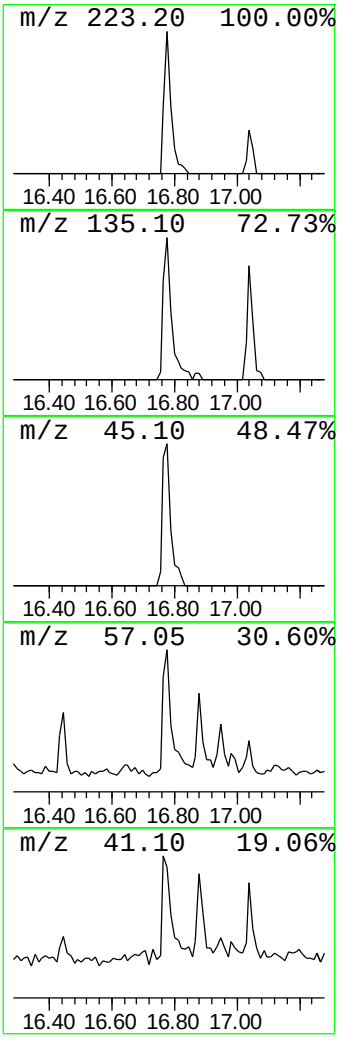
Peak Number 4 Pyrrolo[1,2-a]-1,3,5-triazi... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	2.04 ng	83057	Chrysene-d12	18.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	90
2	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	59
3	1H-Benzoimidazole, 5-amino-1-m-t...	223	C14H13N3	1000317-05-0	16
4	Benzenamine, 3-(5-methyl-1H-1,3-...	223	C14H13N3	1000319-43-9	16
5	Tetrazole, 1-(4-ethylphenyl)-5-(...	410	C25H26N6	125038-06-4	16





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Instrument : BNA_F
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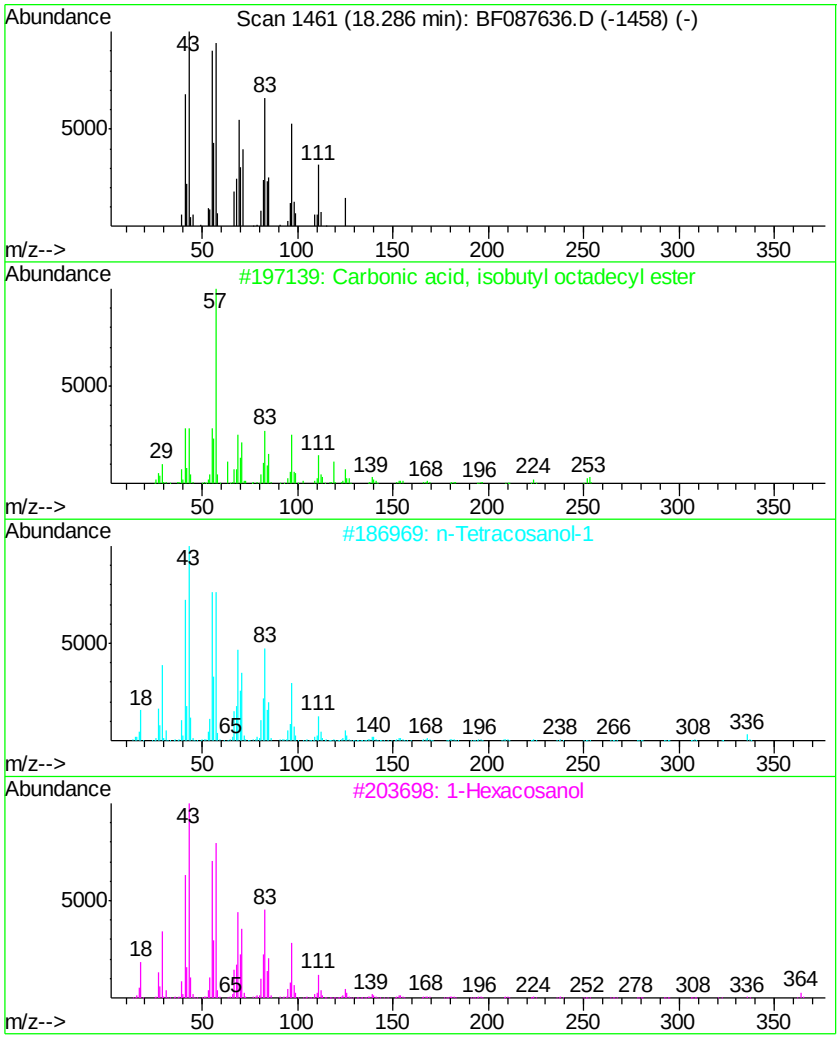
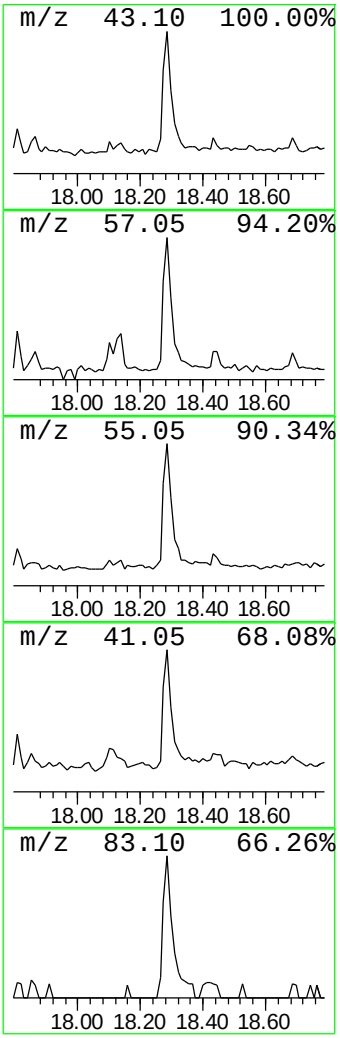
Peak Number 5 Carbonic acid, isobutyl oct... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.48 ng	100771	Chrysene-d12	18.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	90
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	83
3	1-Hexacosanol	382	C26H54O	000506-52-5	74
4	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	72
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.68	3.2	ng	128560	1	7.43	800427	20.0
unknown7.08	7.08	95.7	ng	3828520	1	7.43	800427	20.0
Pyrrolo[1,2-a]-1,...	16.78	2.0	ng	83057	5	18.41	813375	20.0
Carbonic acid, is...	18.29	2.5	ng	100771	5	18.41	813375	20.0