LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087551.D
Acq On : 30 May 2016 15:20
Operator : UM/SJ
Sample : H3317-05
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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	4.787	277	280	293	rBV2	18008	103947	2.51%	0.396%
2	5.393	331	333	355	rBV	405380	1400118	33.84%	5.327%
3	7.050	476	478	483	rBV	291071	648795	15.68%	2.469%
4	7.130	483	485	501	rVB	1637410	3343023	80.80%	12.720%
5	7.473	514	515	527	rBV	324258	772648	18.67%	2.940%
6	7.702	533	535	552	rVB	2010893	2848120	68.83%	10.837%
7	8.387	593	595	623	rBV	1349198	2597671	62.78%	9.884%
8	9.508	692	693	713	rBV5	445981	967646	23.39%	3.682%
9	11.279	845	848	865	rBV	3150082	4137655	100.00%	15.744%
10	12.331	938	940	954	rBV	638361	1014473	24.52%	3.860%
11	13.165	1008	1013	1015	rBV2	36402	63914	1.54%	0.243%
12	13.622	1051	1053	1075	rBV	1243356	2405518	58.14%	9.153%
13	13.931	1078	1080	1085	rVB	35017	57215	1.38%	0.218%
14	14.742	1150	1151	1170	rBV	383086	943503	22.80%	3.590%
15	16.834	1331	1334	1339	rBV	25949	58667	1.42%	0.223%
16	16.925	1339	1342	1345	rVB	197290	208170	5.03%	0.792%
17	17.085	1354	1356	1372	rBV	2612967	3248463	78.51%	12.360%
18	17.851	1421	1423	1426	rBV	105544	130006	3.14%	0.495%
19	17.920	1426	1429	1430	rBV	44085	52254	1.26%	0.199%
20	18.468	1475	1477	1497	rVV	266056	661828	16.00%	2.518%
21	19.554	1570	1572	1574	rBV	39089	41643	1.01%	0.158%
22	20.160	1622	1625	1640	rBV	169366	576156	13.92%	2.192%

Sum of corrected areas: 26281433

LSC Report - Integrated Chromatogram

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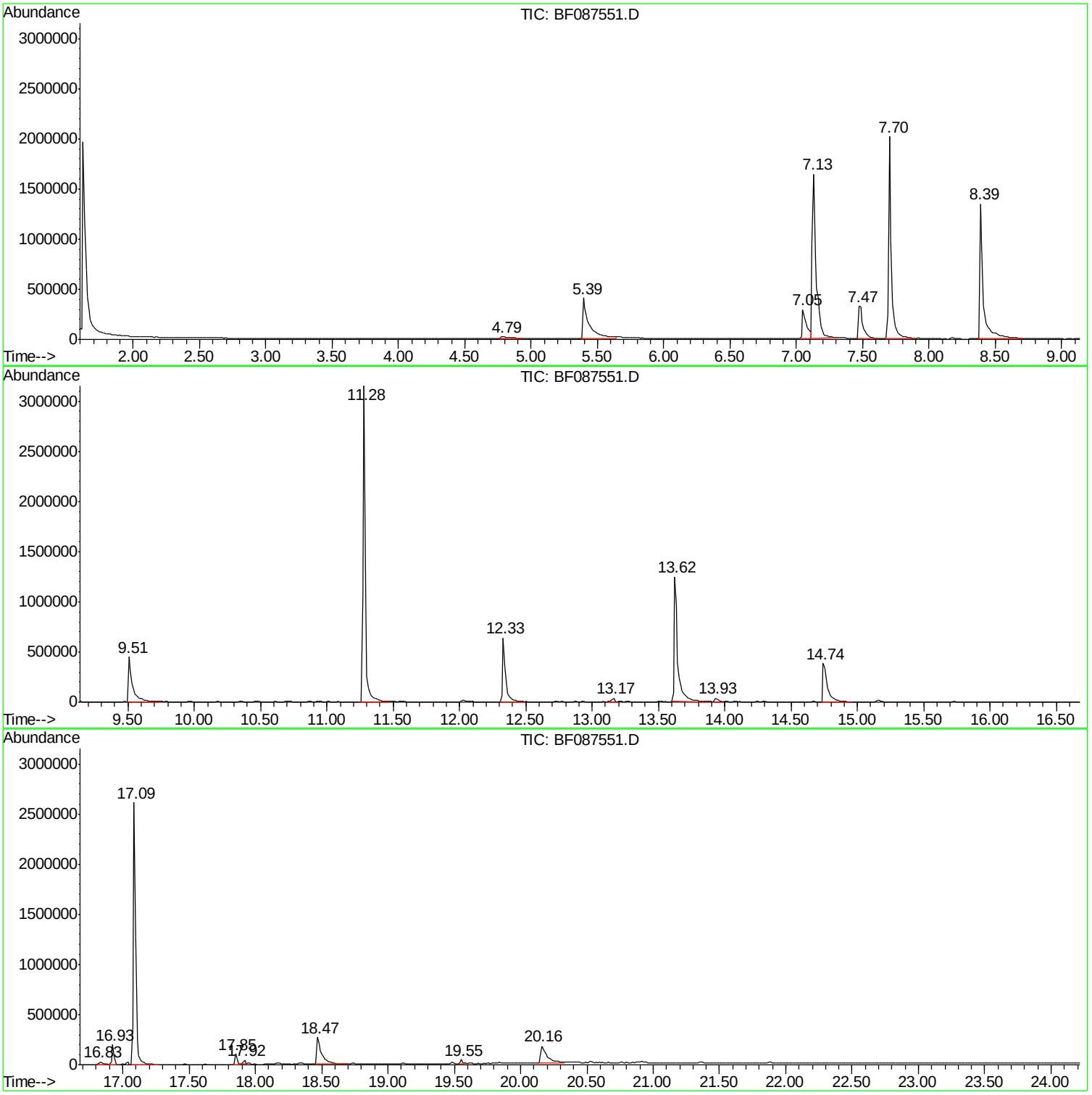
BNA_F
ClientSampleId :
MW-20

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



Library Search Compound Report

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Data File : BF087551.D
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Operator : UM/SJ
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Misc :
ALS Vial : 71 Sample Multiplier: 1

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

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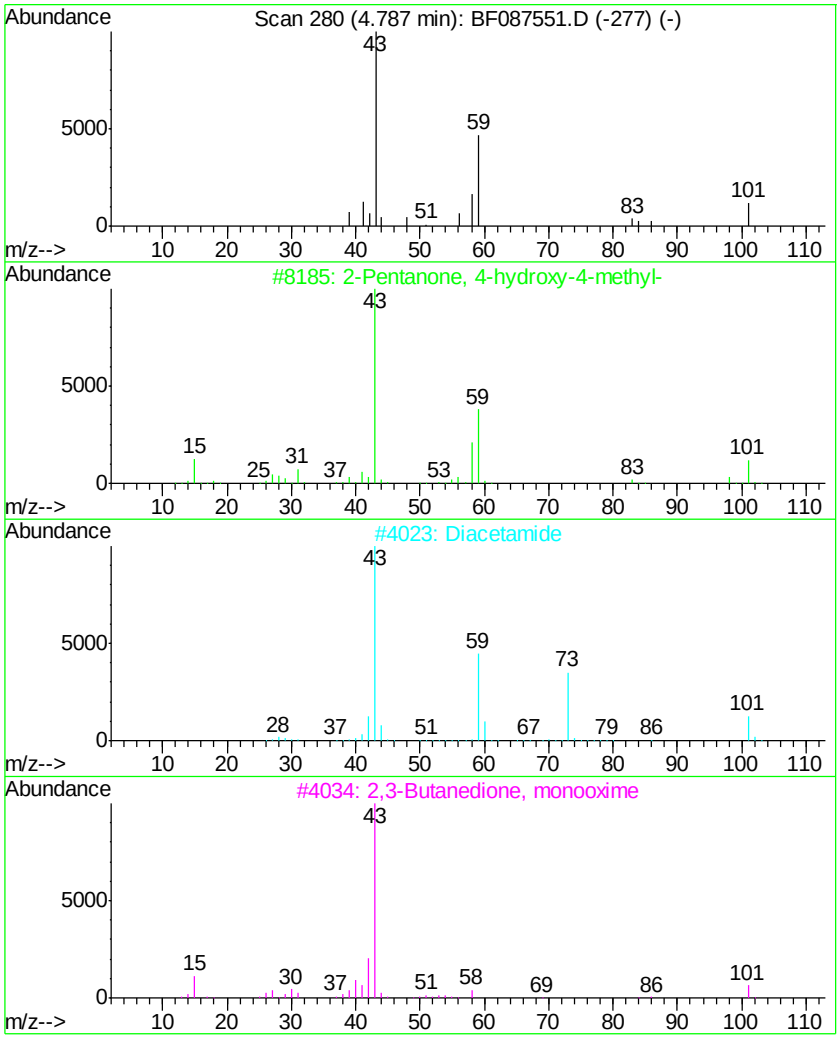
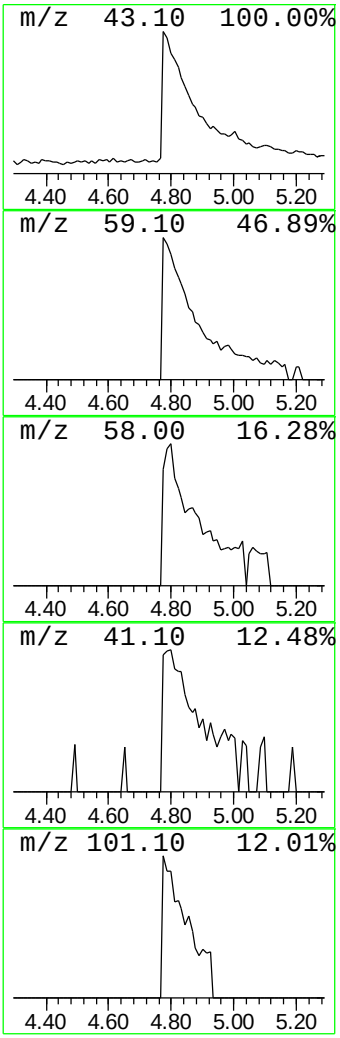
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	2.69 ng	103947	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Diacetamide	101	C4H7NO2	000625-77-4	7
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7
4	1-Hexanamine	101	C6H15N	000111-26-2	7
5	2-Ethylbutylamine	101	C6H15N	000617-79-8	5





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Instrument : BNA_F
ClientSampleId : MW-20

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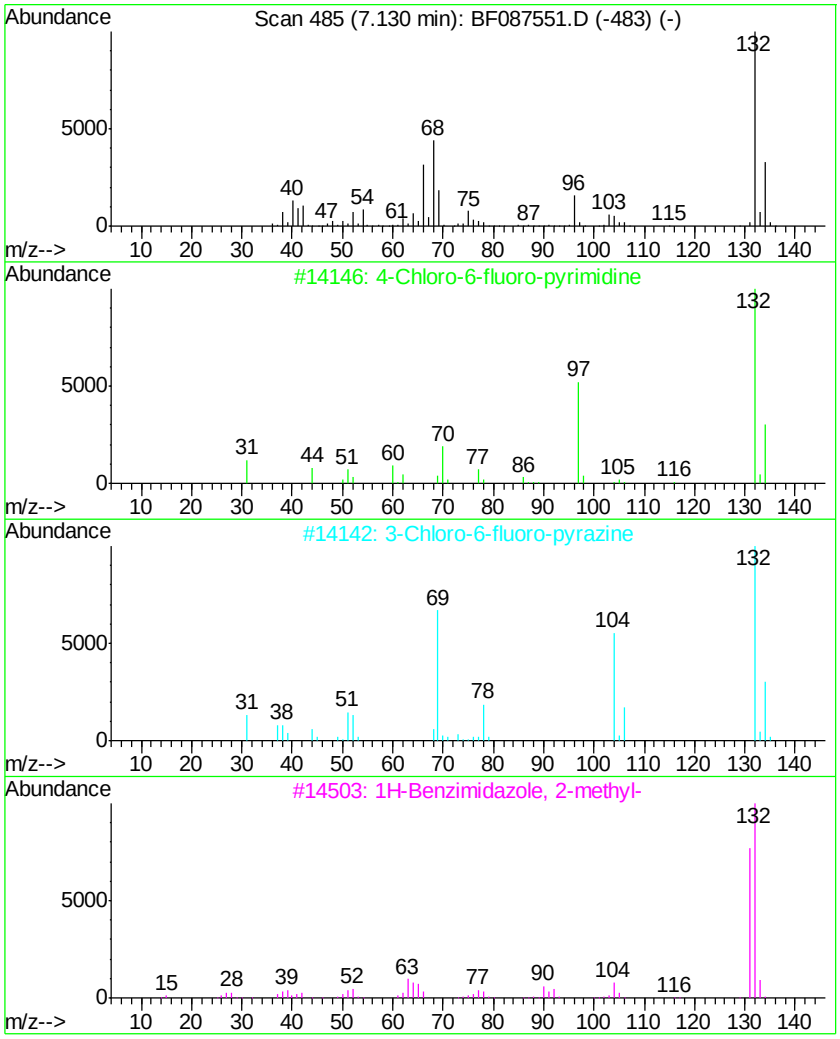
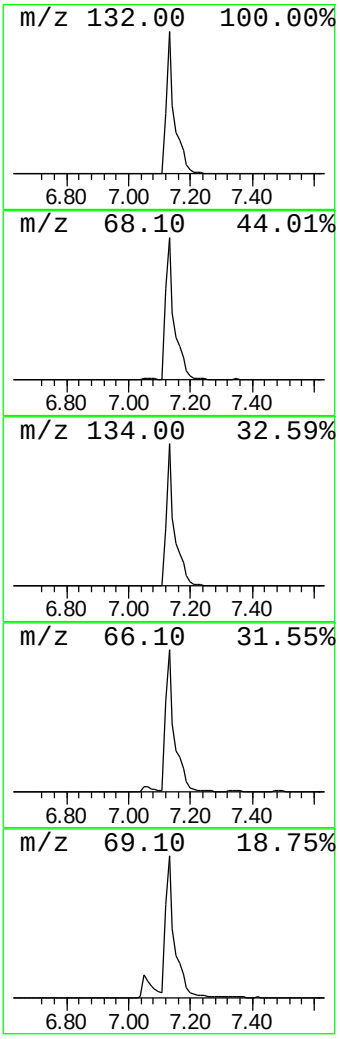
Peak Number 2 unknown7.13 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	86.53 ng	3343020	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	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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Sample : H3317-05
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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TIC Library : C:\Database\NIST11.L
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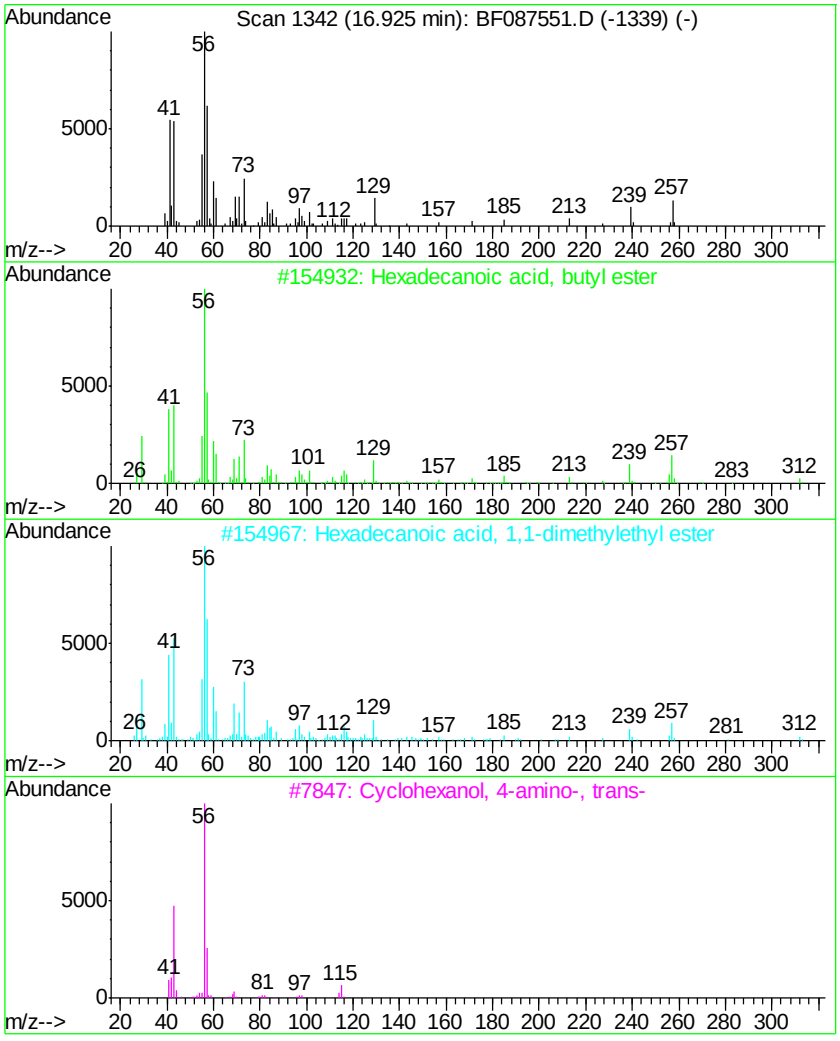
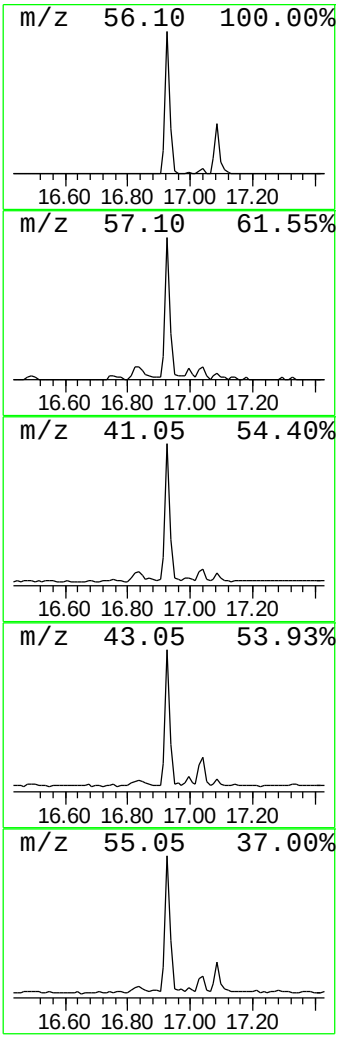
Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	6.29 ng	208170	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	58
3	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	38
4	2-Isopropyl-3-vinyloxirane	112	C7H12O	070777-23-0	38
5	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	38





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ALS Vial : 71 Sample Multiplier: 1

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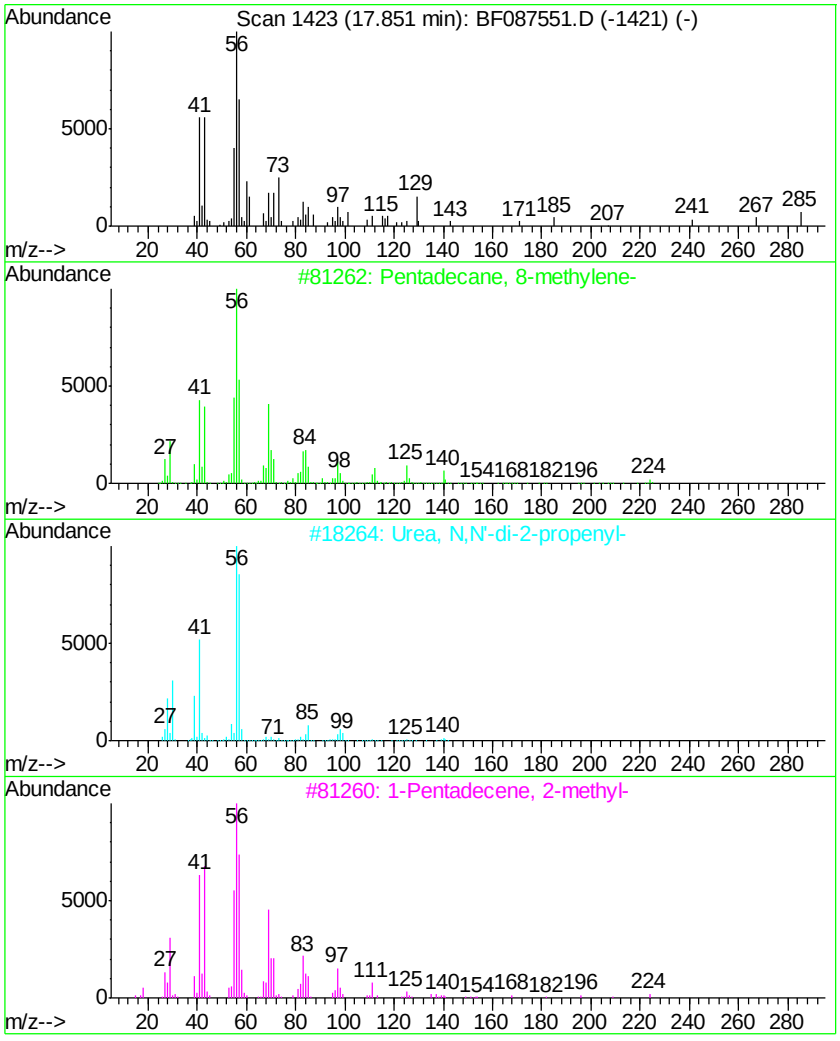
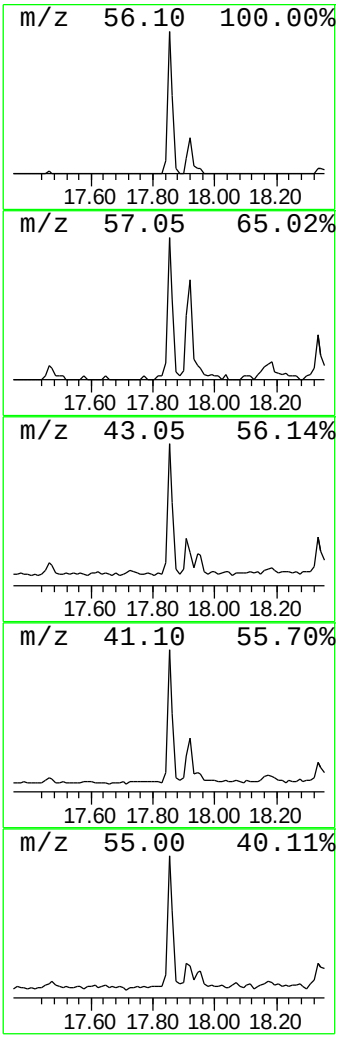
Peak Number 5 unknown17.85 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	3.93 ng	130006	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	43
2	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	43
3	1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	43
4	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	38
5	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	38





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...	4.79	2.7	ng	103947	1	7.48	772648	20.0
unknown7.13	7.13	86.5	ng	3343020	1	7.48	772648	20.0
Hexadecanoic acid...	16.93	6.3	ng	208170	5	18.47	661828	20.0
unknown17.85	17.85	3.9	ng	130006	5	18.47	661828	20.0