LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089664.D
Acq On : 8 Aug 2016 16:35
Operator : UM/SJ
Sample : H4351-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CORE-F

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-BF080416.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	4.639	264	267	280	rBV	132821	339692	19.02%	2.430%
2	5.313	324	326	351	rBV	831676	1410801	79.00%	10.093%
3	6.959	467	470	477	rBV	764607	1438144	80.53%	10.288%
4	7.073	477	480	500	rVB	1103347	1653656	92.60%	11.830%
5	7.416	508	510	524	rBV	120273	235862	13.21%	1.687%
6	7.656	528	531	549	rVB	884458	1157415	64.81%	8.280%
7	8.330	587	590	605	rBV	570716	907080	50.79%	6.489%
8	9.451	685	688	706	rBV	200916	343628	19.24%	2.458%
9	11.234	840	844	846	rBV	1175733	1785816	100.00%	12.775%
10	11.919	901	904	910	rBV	113610	170543	9.55%	1.220%
11	12.262	932	934	937	rBV	267375	406496	22.76%	2.908%
12	12.308	937	938	942	rVB	16277	20449	1.15%	0.146%
13	13.131	1006	1010	1012	rBV	27519	36585	2.05%	0.262%
14	13.485	1037	1041	1045	rBV	7999	21561	1.21%	0.154%
15	13.554	1045	1047	1056	rVV	584654	955949	53.53%	6.839%
16	13.897	1074	1077	1082	rBV	29822	49618	2.78%	0.355%
17	14.663	1142	1144	1153	rVB	292735	427935	23.96%	3.061%
18	16.777	1326	1329	1336	rBV	8966	19948	1.12%	0.143%
19	16.891	1336	1339	1342	rBV	60077	61447	3.44%	0.440%
20	17.028	1348	1351	1354	rBV	1149650	1744817	97.70%	12.482%
21	17.817	1418	1420	1423	rBV	40448	44069	2.47%	0.315%
22	18.297	1458	1462	1465	rBV2	28085	58138	3.26%	0.416%
23	18.366	1465	1468	1477	rVB	241612	382915	21.44%	2.739%
24	19.520	1567	1569	1572	rVB	20801	21726	1.22%	0.155%
25	20.023	1611	1613	1622	rBV	204146	284362	15.92%	2.034%

Sum of corrected areas: 13978652

LSC Report - Integrated Chromatogram

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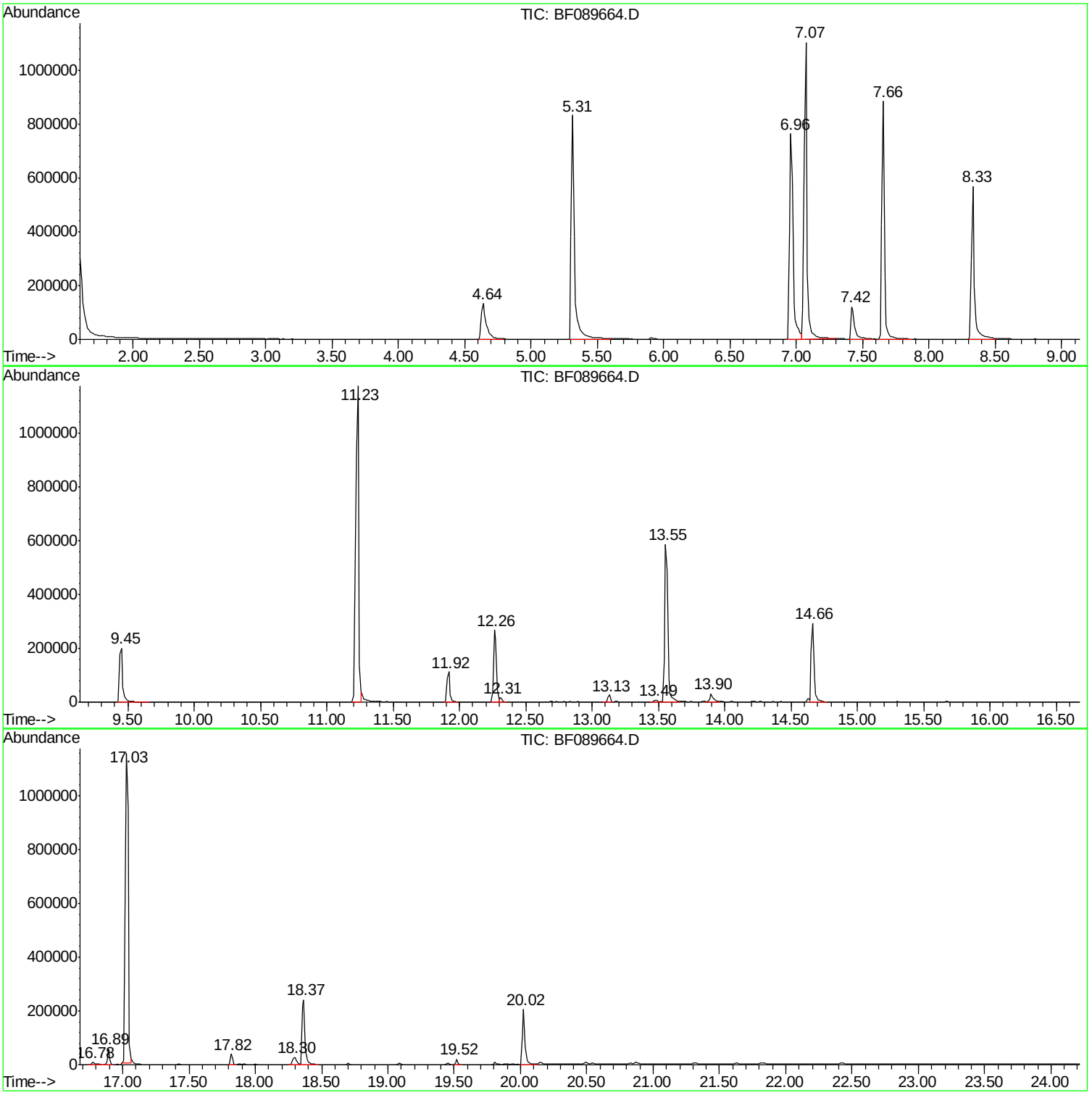
Instrument : BNA_F
ClientSampleId : CORE-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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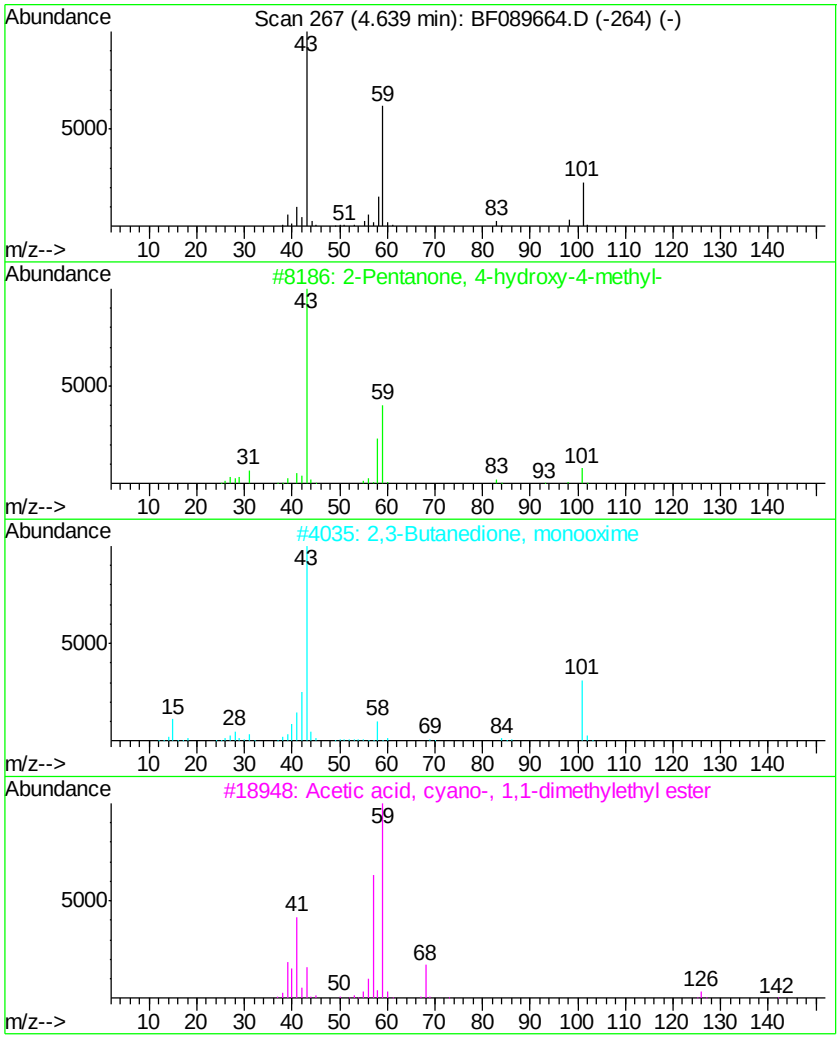
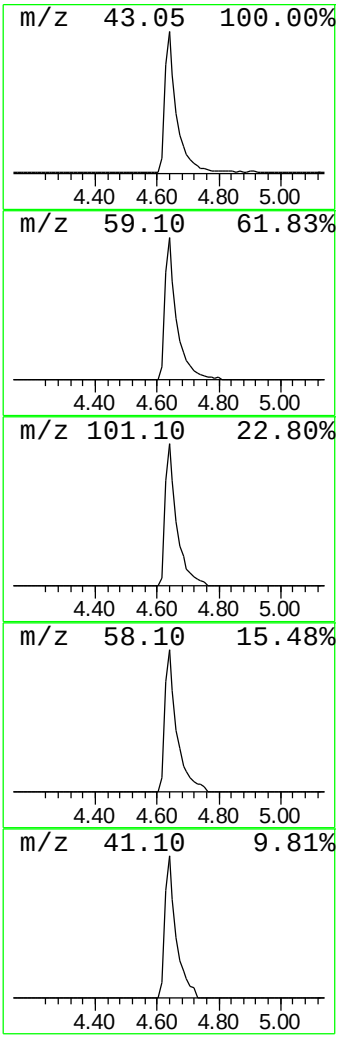
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	28.80 ng	339692	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Acq On : 8 Aug 2016 16:35
Operator : UM/SJ
Sample : H4351-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CORE-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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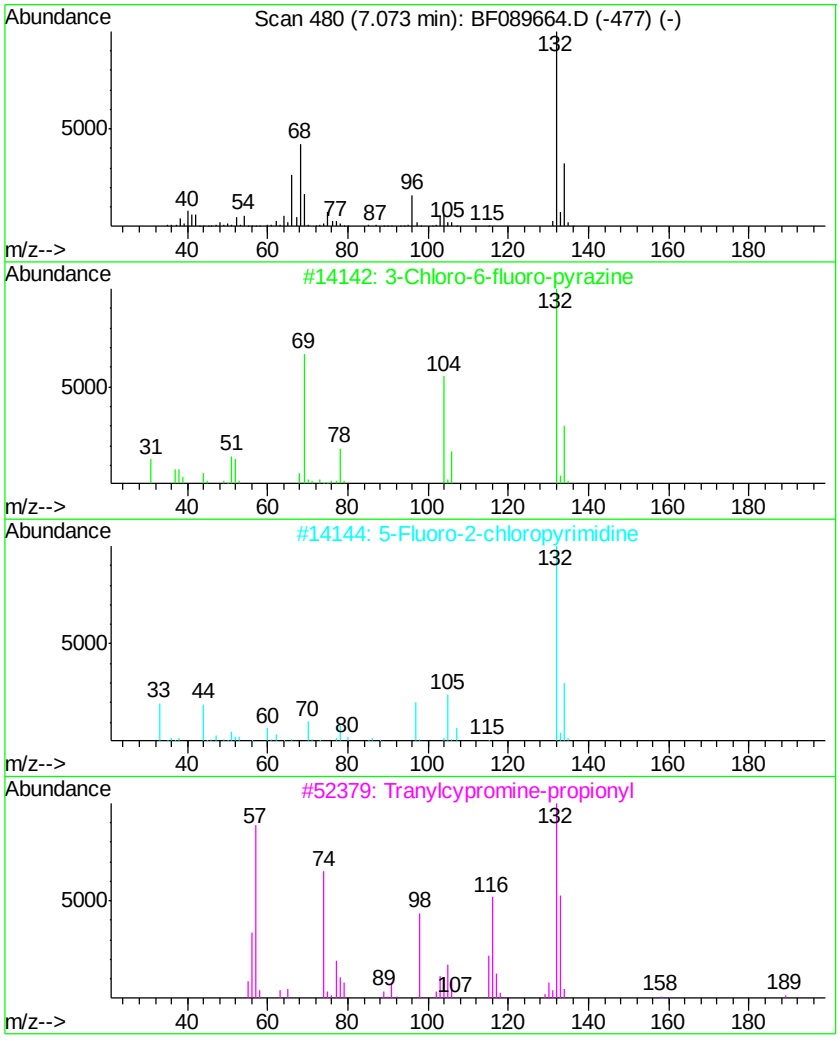
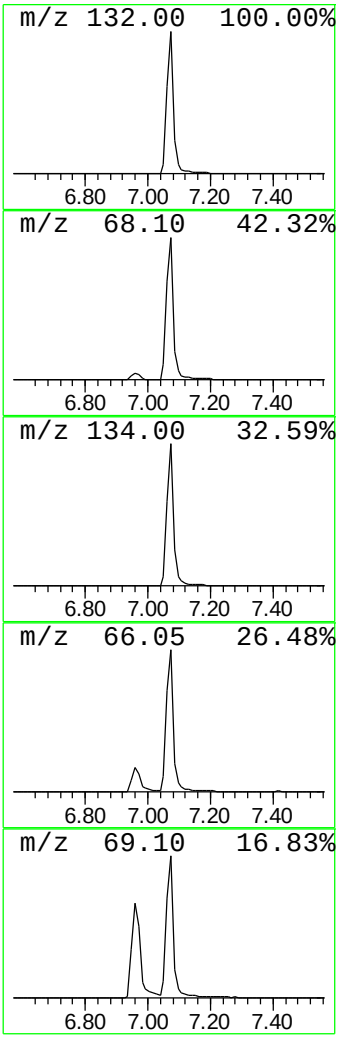
Peak Number 2 unknown7.07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	140.22 ng	1653660	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Data File : BF089664.D
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Operator : UM/SJ
Sample : H4351-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CORE-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
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TIC Library : C:\Database\NIST11.L
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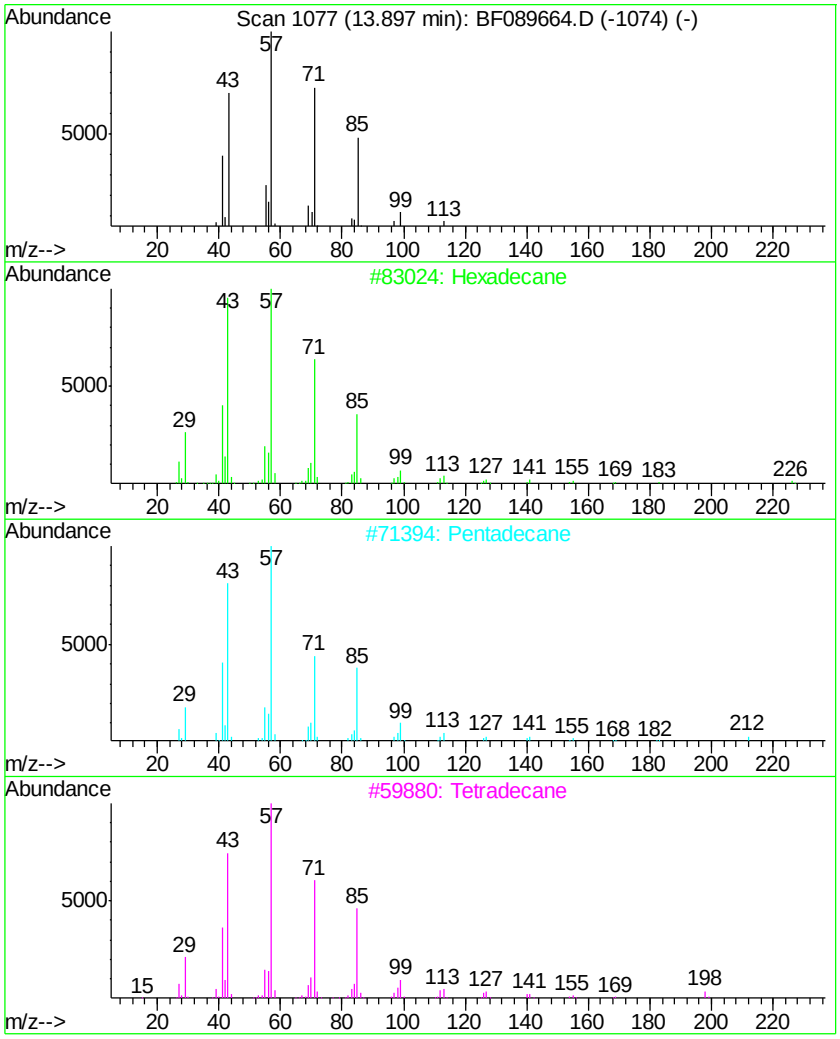
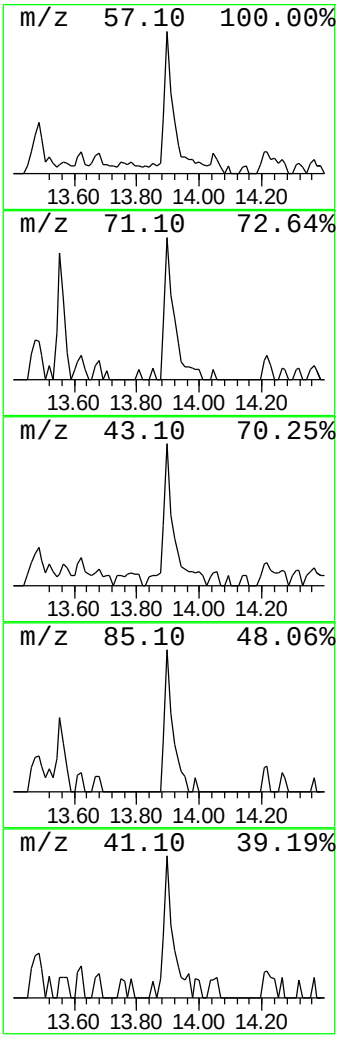
Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.32 ng	49618	Phenanthrene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Pentadecane	212	C15H32	000629-62-9	78
3	Tetradecane	198	C14H30	000629-59-4	78
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	78
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72





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Sample : H4351-03
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Instrument : BNA_F
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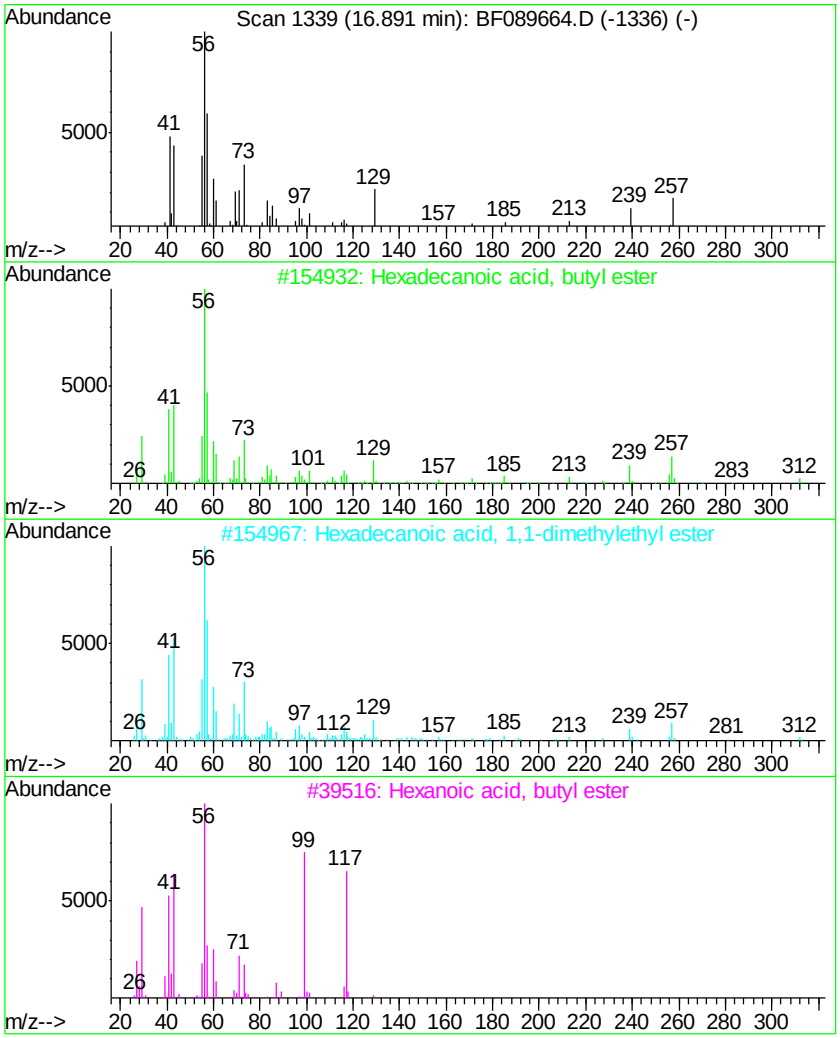
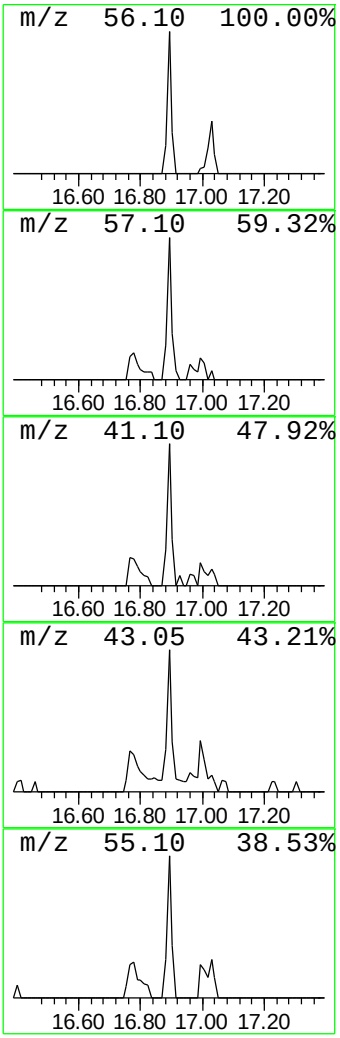
Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	3.21 ng	61447	Chrysene-d12	18.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	74
3	Hexanoic acid, butyl ester	172	C10H20O2	000626-82-4	50
4	2-Methyl-1-tetradecene	210	C15H30	052254-38-3	35
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27





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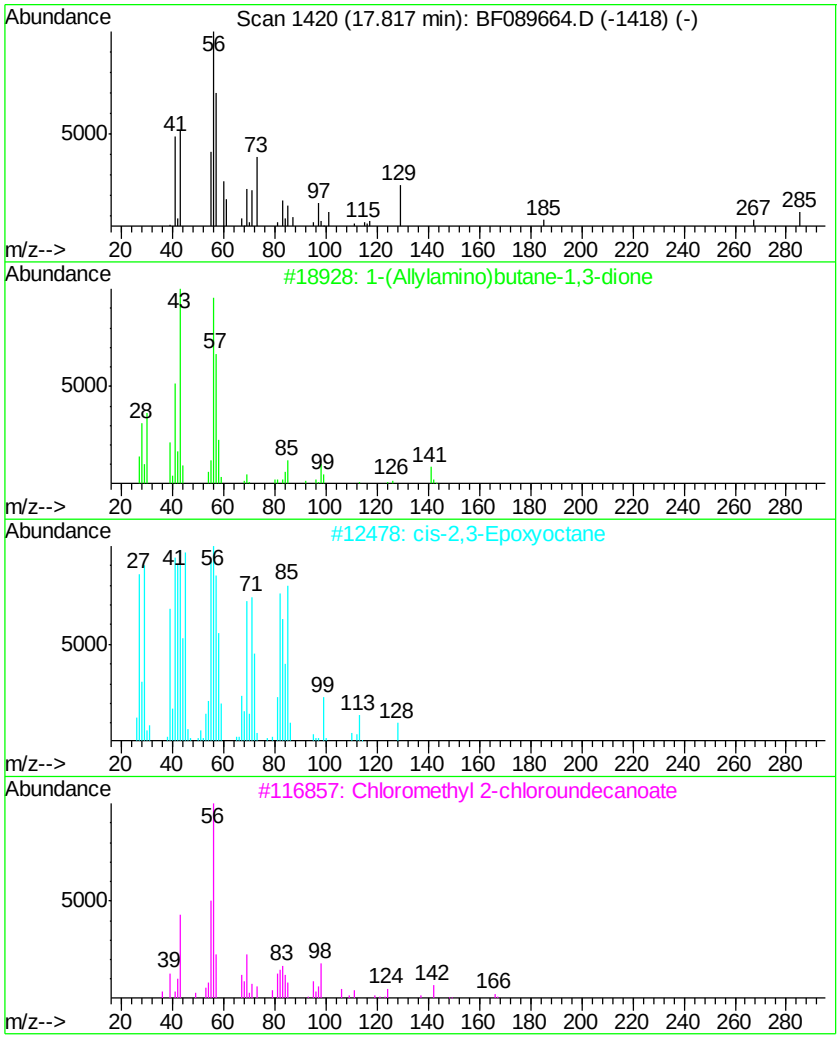
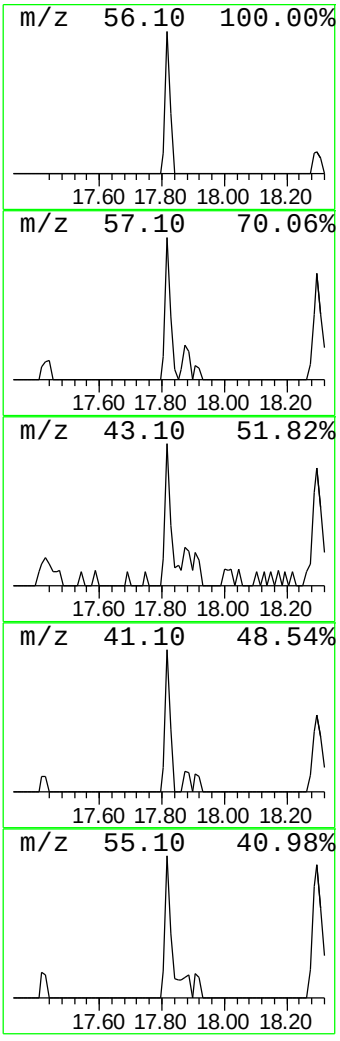
Peak Number 6 unknown17.82 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.30 ng	44069	Chrysene-d12	18.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Allylamino)butane-1,3-dione	141	C7H11NO2	041153-95-1	35
2	cis-2,3-Epoxyoctane	128	C8H16O	023024-54-6	35
3	Chloromethyl 2-chloroundecanoate	268	C12H22Cl2O2	080418-88-8	35
4	5-Methyl-2-hexanol, chlorodifluo...	228	C9H15ClF2O2	1000376-27-1	32
5	Decane, 1-fluoro-	160	C10H21F	000334-56-5	14





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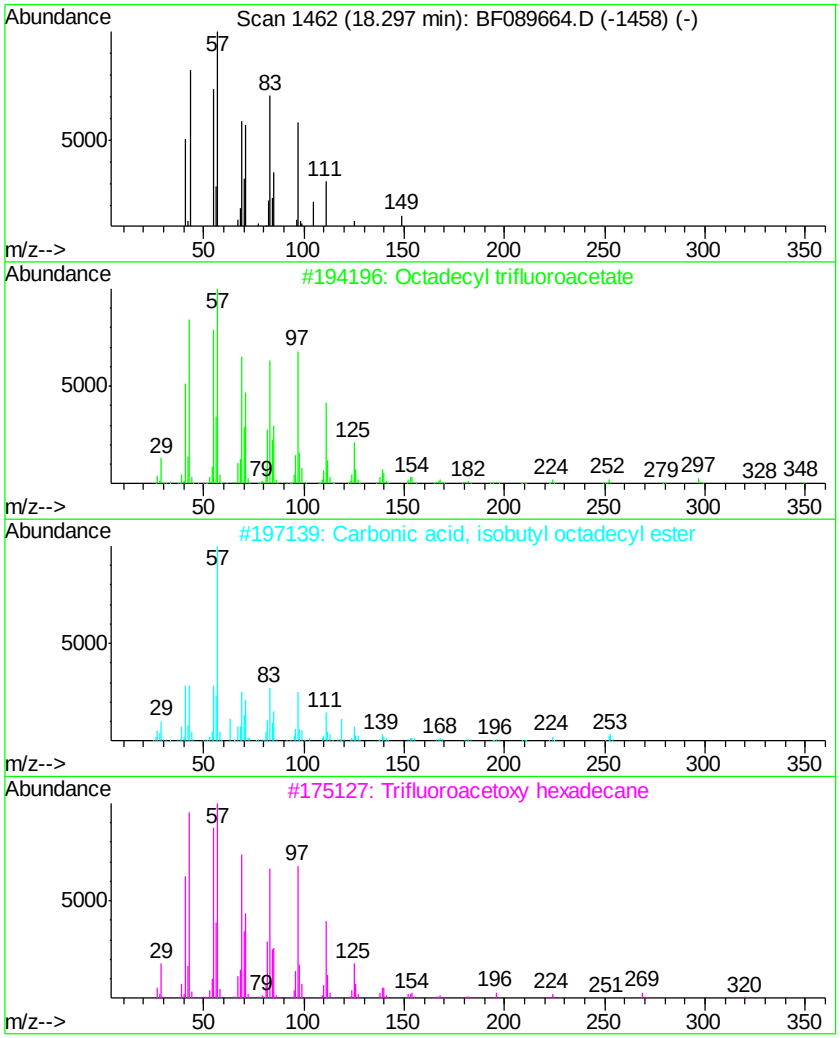
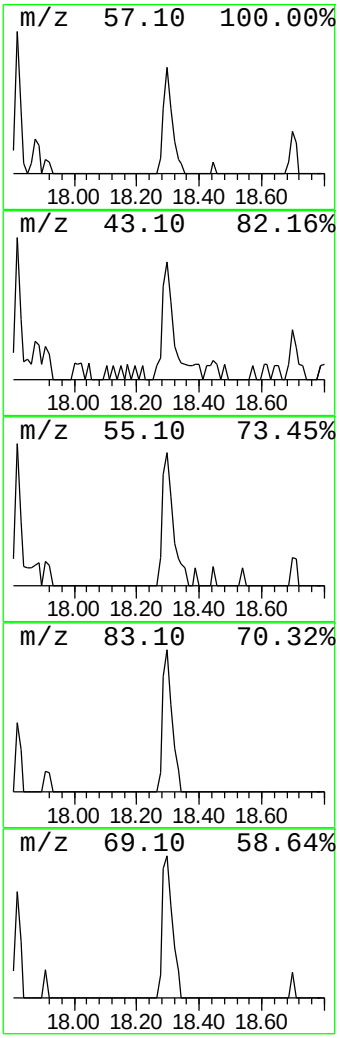
Peak Number 7 Octadecyl trifluoroacetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	3.04 ng	58138	Chrysene-d12	18.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	72
2	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	72
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	70
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	64
5	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	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...	4.64	28.8	ng	339692	1	7.42	235862	20.0
unknown7.07	7.07	140.2	ng	1653660	1	7.42	235862	20.0
Hexadecane	13.90	2.3	ng	49618	4	14.66	427935	20.0
Hexadecanoic acid...	16.89	3.2	ng	61447	5	18.37	382915	20.0
unknown17.82	17.82	2.3	ng	44069	5	18.37	382915	20.0
Octadecyl trifluo...	18.30	3.0	ng	58138	5	18.37	382915	20.0