LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082593.D
Acq On : 31 Oct 2015 1:32
Operator : UM/IZ
Sample : PB86301BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86301BL

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-BF103015.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	2.235	11	13	23	rVB2	82366	184573	2.68%	0.318%
2	4.464	205	208	212	rVB	112941	127898	1.86%	0.221%
3	5.104	260	264	267	rBV	2455040	4065542	59.01%	7.011%
4	5.516	297	300	302	rBV	5517042	5520960	80.14%	9.521%
5	5.916	332	335	337	rBV	168474	142136	2.06%	0.245%
6	6.533	385	389	391	rBV	5663105	6340179	92.03%	10.933%
7	6.670	398	401	403	rBV	6004317	5678357	82.43%	9.792%
8	6.899	419	421	424	rBV	1296861	1241194	18.02%	2.140%
9	7.059	432	435	438	rVB	4667773	4205503	61.05%	7.252%
10	7.459	467	470	473	rBV	2969776	3647705	52.95%	6.290%
11	8.190	531	534	536	rVB	1771288	1618391	23.49%	2.791%
12	9.276	625	629	631	rBV	5498404	6889090	100.00%	11.880%
13	9.950	685	688	690	rBV	1628988	1775987	25.78%	3.063%
14	10.739	754	757	759	rBV2	3278001	4596337	66.72%	7.926%
15	11.425	815	817	820	rBV	1357292	1769363	25.68%	3.051%
16	12.853	940	942	945	rBV	689935	574996	8.35%	0.992%
17	12.933	945	949	951	rVB2	98136	114577	1.66%	0.198%
18	13.025	954	957	959	rBV	6985808	6522640	94.68%	11.248%
19	13.562	1002	1004	1006	rBV	479713	387609	5.63%	0.668%
20	13.608	1006	1008	1012	rVB2	52655	88030	1.28%	0.152%
21	14.065	1046	1048	1051	rBV	1272176	1399566	20.32%	2.414%
22	14.259	1063	1065	1067	rVB	86844	69519	1.01%	0.120%
23	15.517	1172	1175	1178	rBV	712604	1028576	14.93%	1.774%

Sum of corrected areas: 57988728

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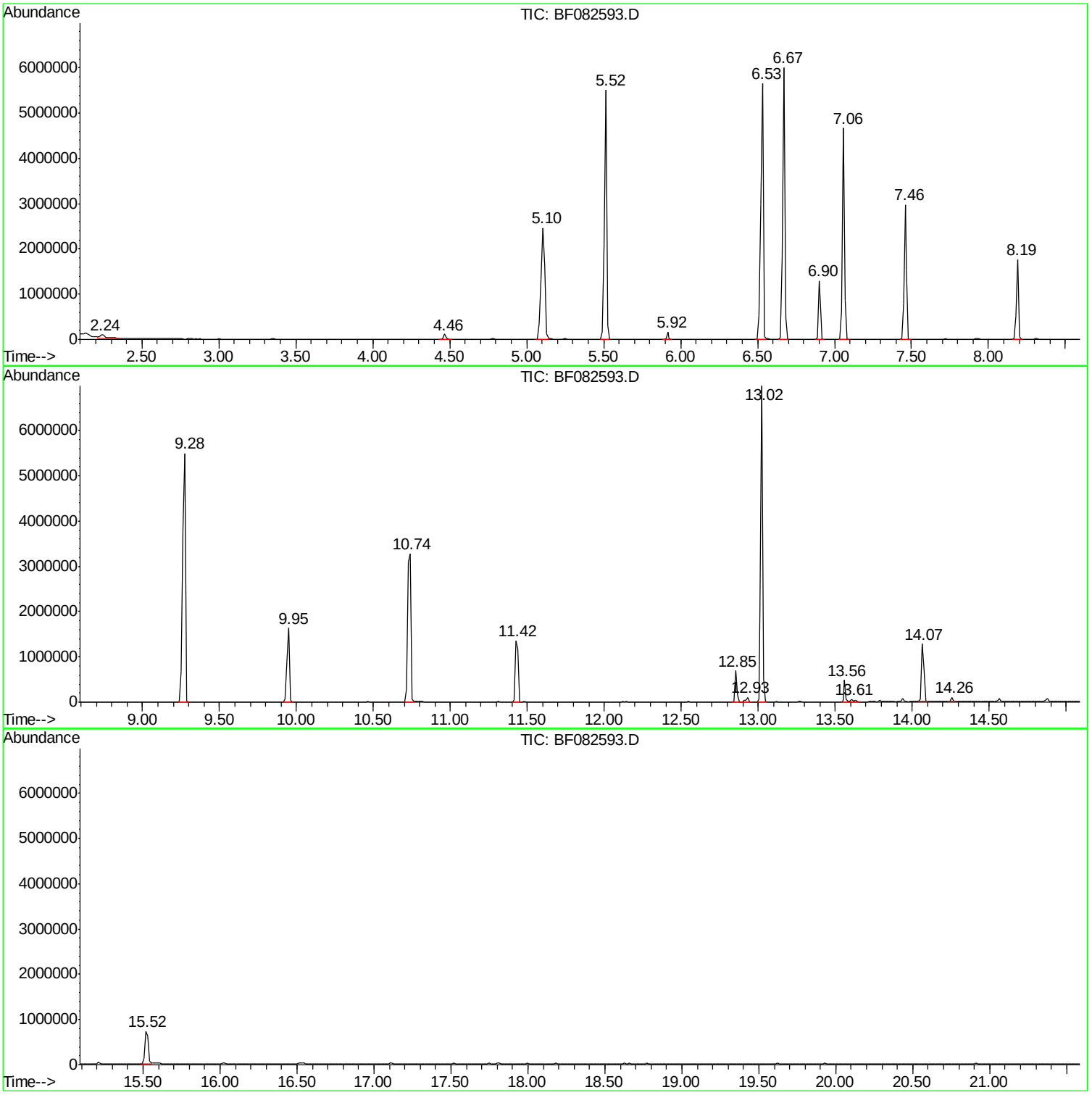
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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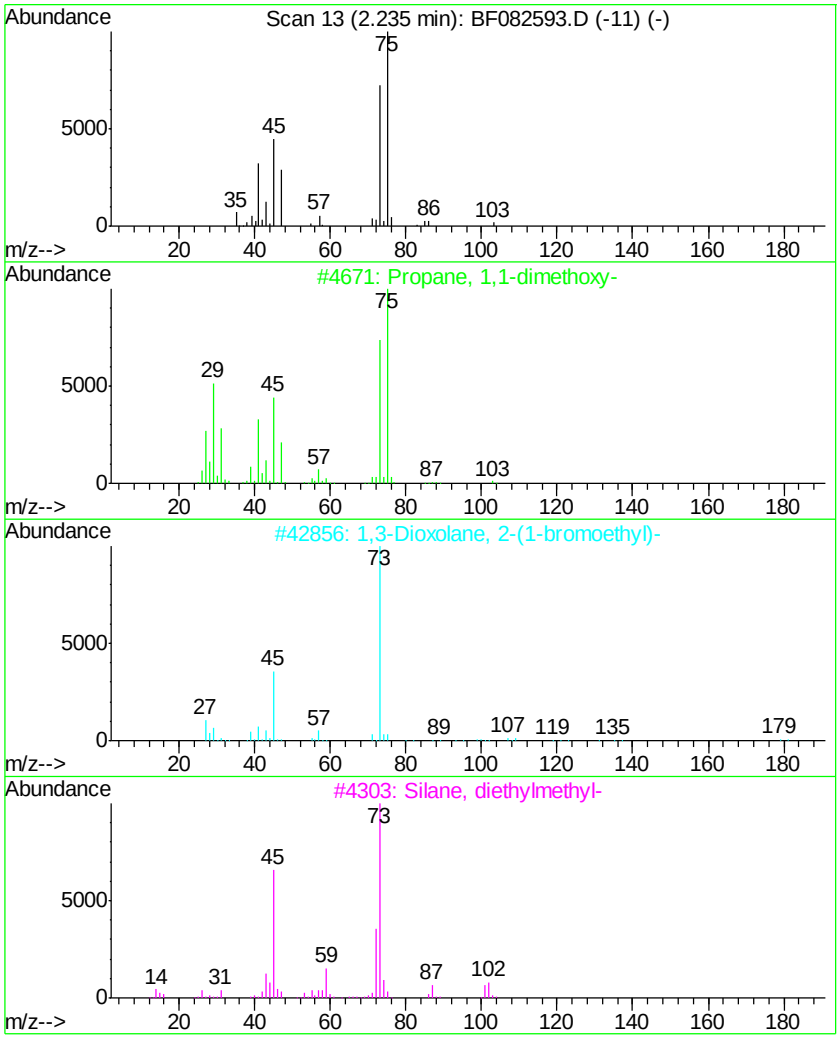
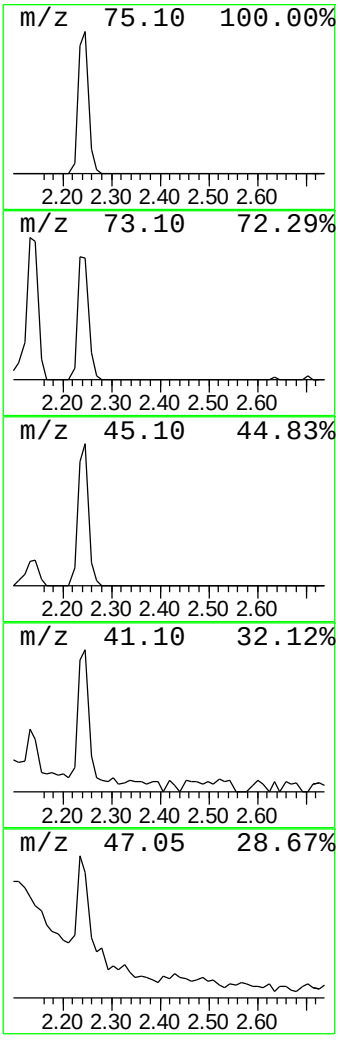
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.24	2.97 ng	184573	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	9
3	Silane, diethylmethyl-	102	C5H14Si	000760-32-7	9
4	Ethane, 1,1,2-trimethoxy-	120	C5H12O3	024332-20-5	9
5	Glycine	75	C2H5NO2	000056-40-6	7





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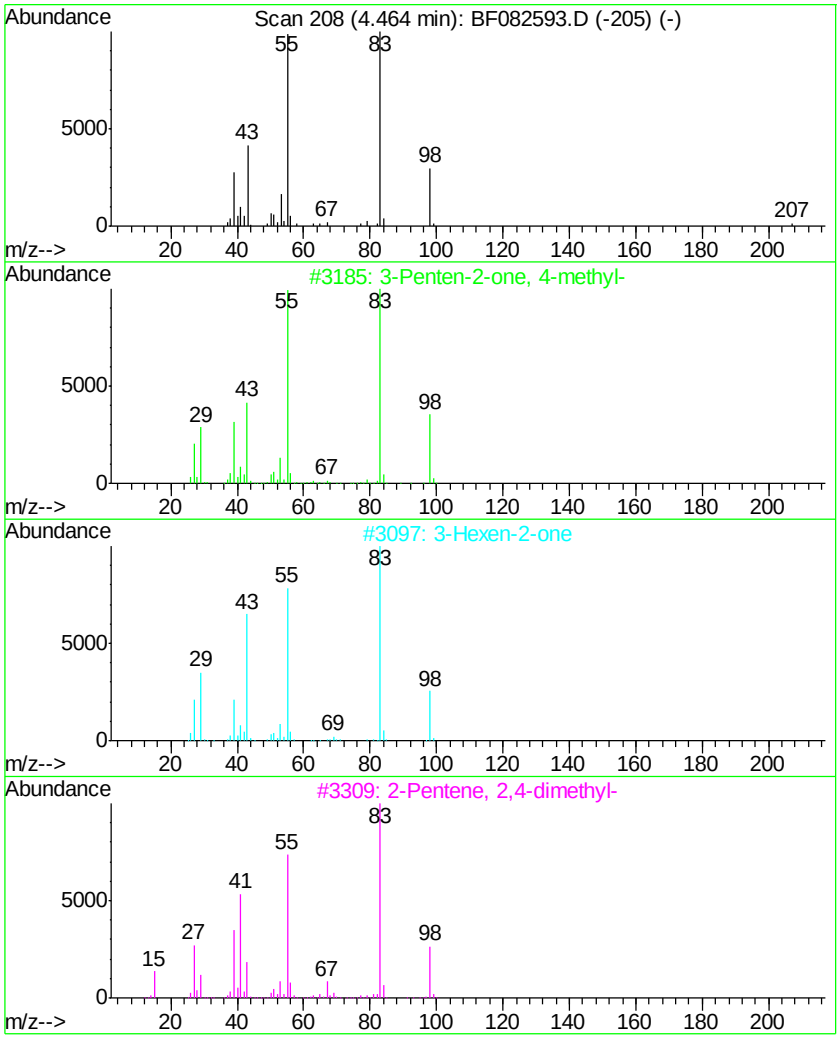
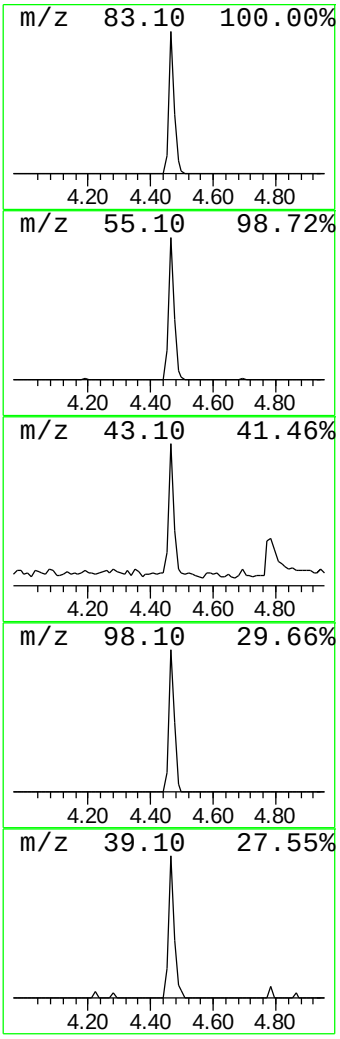
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	2.06 ng	127898	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	86
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	72
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	64





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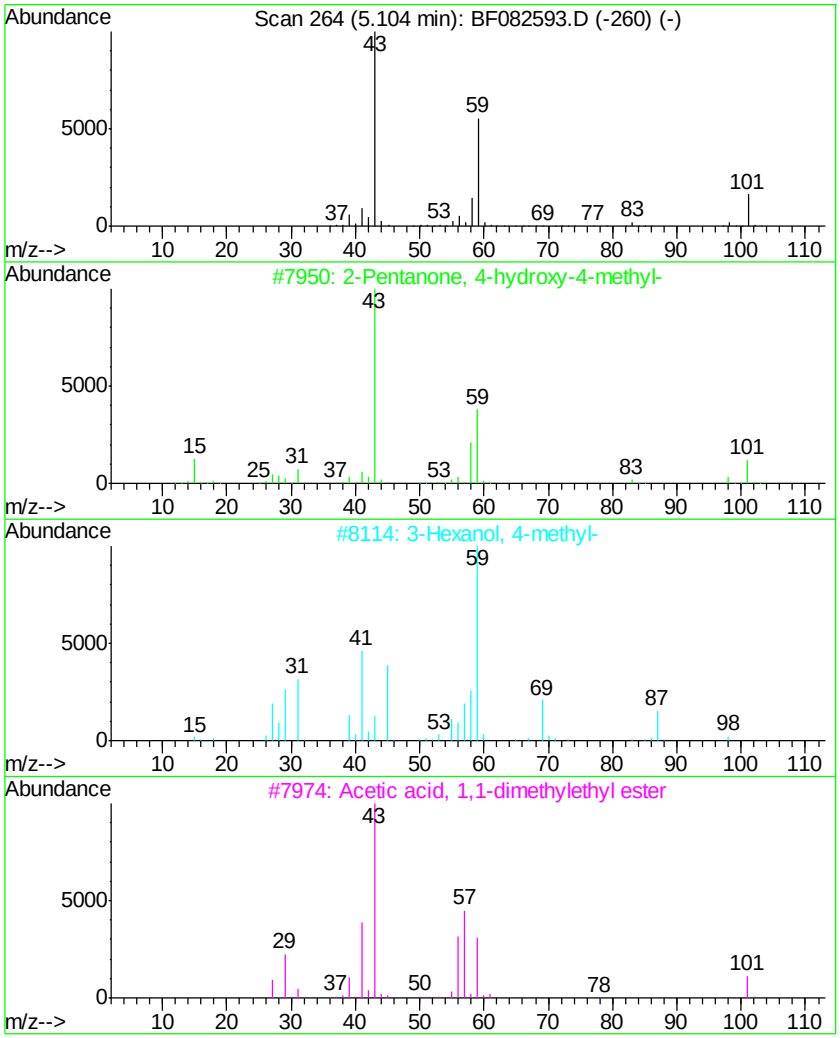
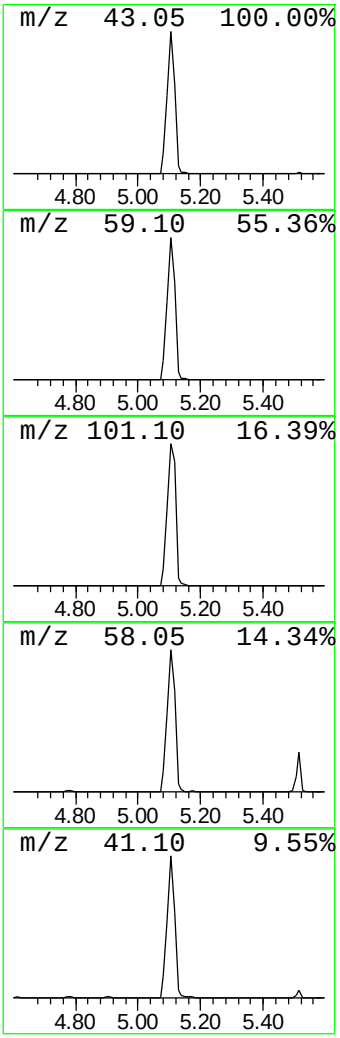
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	65.51 ng	4065540	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Instrument : BNA_F
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TIC Integration Parameters: LSCINT.P

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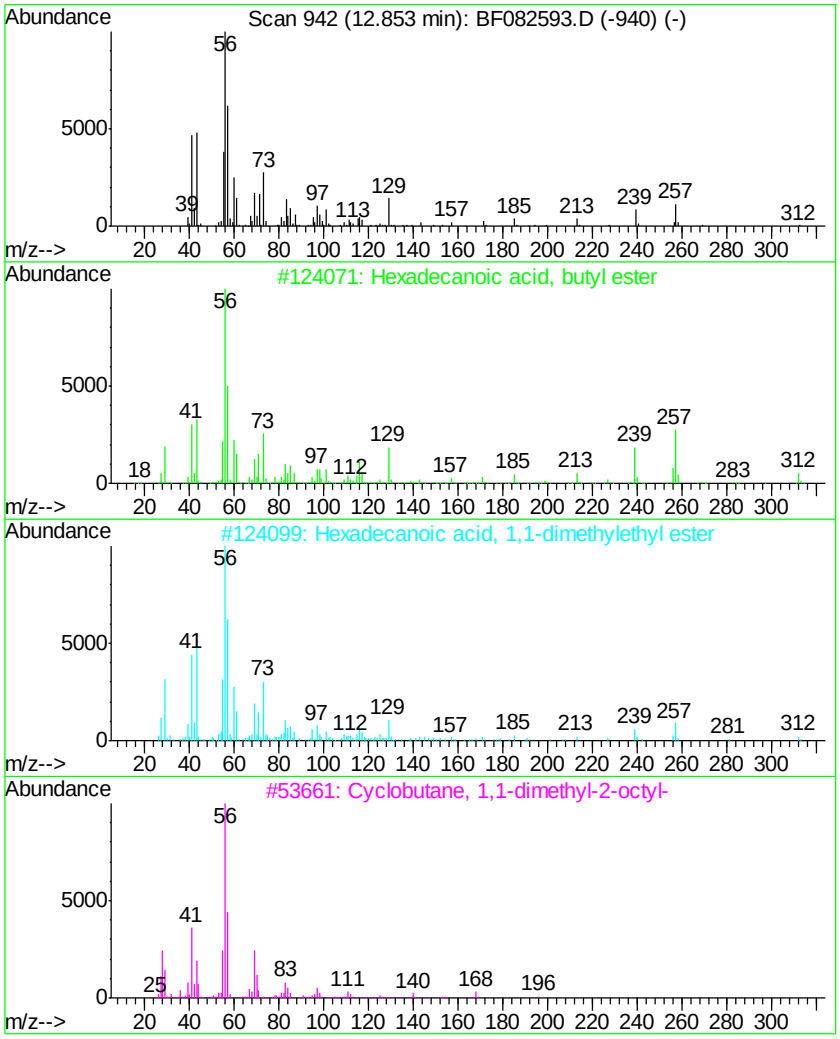
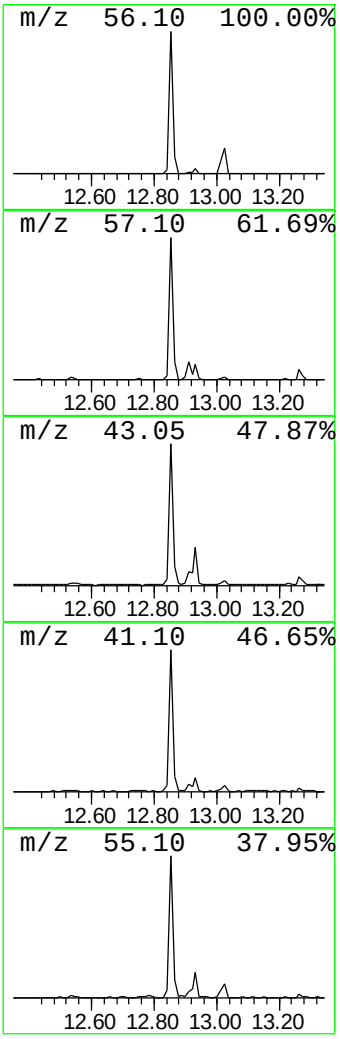
Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	8.22 ng	574996	Chrysene-d12	14.07

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	76
3	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
4	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	38
5	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	37





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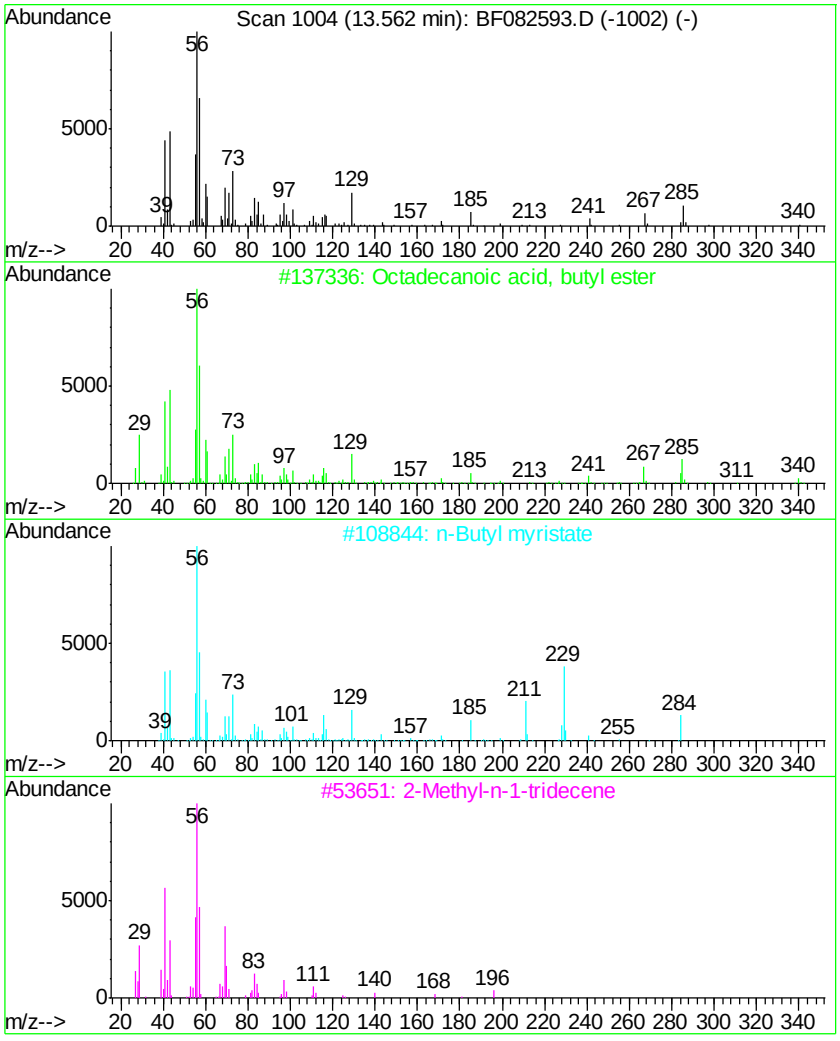
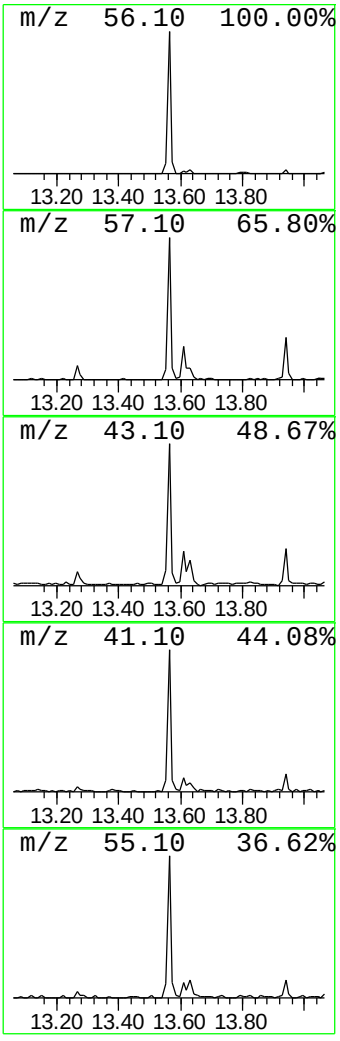
Peak Number 8 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	5.54 ng	387609	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	95
2	n-Butyl myristate	284	C18H36O2	000110-36-1	86
3	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	38
4	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	38
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	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
Propane, 1,1-dime...	2.24	3.0	ng	184573	1	6.90	1241190	20.0
3-Penten-2-one, 4...	4.46	2.1	ng	127898	1	6.90	1241190	20.0
2-Pentanone, 4-hy...	5.10	65.5	ng	4065540	1	6.90	1241190	20.0
Hexadecanoic acid...	12.85	8.2	ng	574996	5	14.07	1399570	20.0
Octadecanoic acid...	13.56	5.5	ng	387609	5	14.07	1399570	20.0