LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105173.D
Acq On : 9 May 2018 4:44
Operator : JU/SJ
Sample : PB108302BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108302BL

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-BF050818.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	2.128	3	7	18	rVB2	56019	93718	1.28%	0.173%
2	5.016	493	498	507	rBV	502308	659199	9.02%	1.215%
3	5.410	559	565	568	rBV	4188454	4464291	61.11%	8.226%
4	6.416	729	736	739	rBV	4021883	4439260	60.77%	8.180%
5	6.557	755	760	764	rBV	4137613	4461282	61.07%	8.221%
6	6.792	796	800	803	rBV	1823086	1534908	21.01%	2.828%
7	6.951	822	827	830	rVB	4616031	4810530	65.85%	8.864%
8	7.357	890	896	899	rBV	3567539	4051474	55.46%	7.466%
9	8.069	1012	1017	1021	rBV	2065693	2038812	27.91%	3.757%
10	9.151	1195	1201	1204	rBV	6202854	7058140	96.62%	13.006%
11	9.828	1310	1316	1319	rBV	2327957	2275497	31.15%	4.193%
12	10.616	1443	1450	1453	rBV	3358607	3331794	45.61%	6.139%
13	11.310	1563	1568	1572	rBV	2657645	2423284	33.17%	4.465%
14	12.727	1806	1809	1812	rBV	526021	393572	5.39%	0.725%
15	12.916	1832	1841	1844	rBV	5901716	7304834	100.00%	13.461%
16	13.457	1929	1933	1936	rBV	334071	305927	4.19%	0.564%
17	14.010	2022	2027	2030	rBV	2324730	2342199	32.06%	4.316%
18	14.898	2174	2178	2185	rBV	68414	77397	1.06%	0.143%
19	15.245	2233	2237	2246	rVB	67843	79607	1.09%	0.147%
20	15.562	2285	2291	2298	rBV	1639801	2029054	27.78%	3.739%
21	15.627	2298	2302	2310	rVB	65782	93766	1.28%	0.173%

Sum of corrected areas: 54268545

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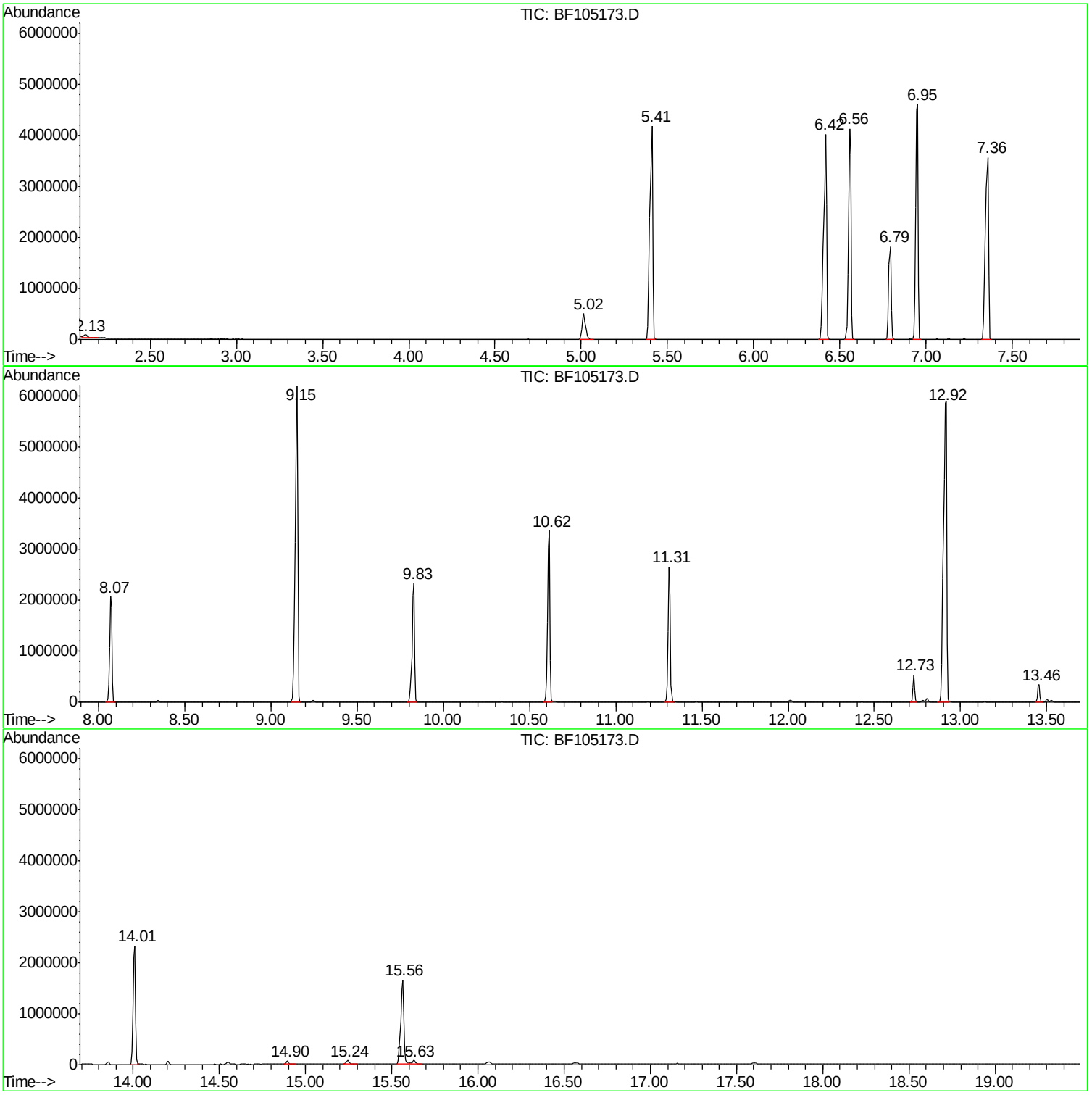
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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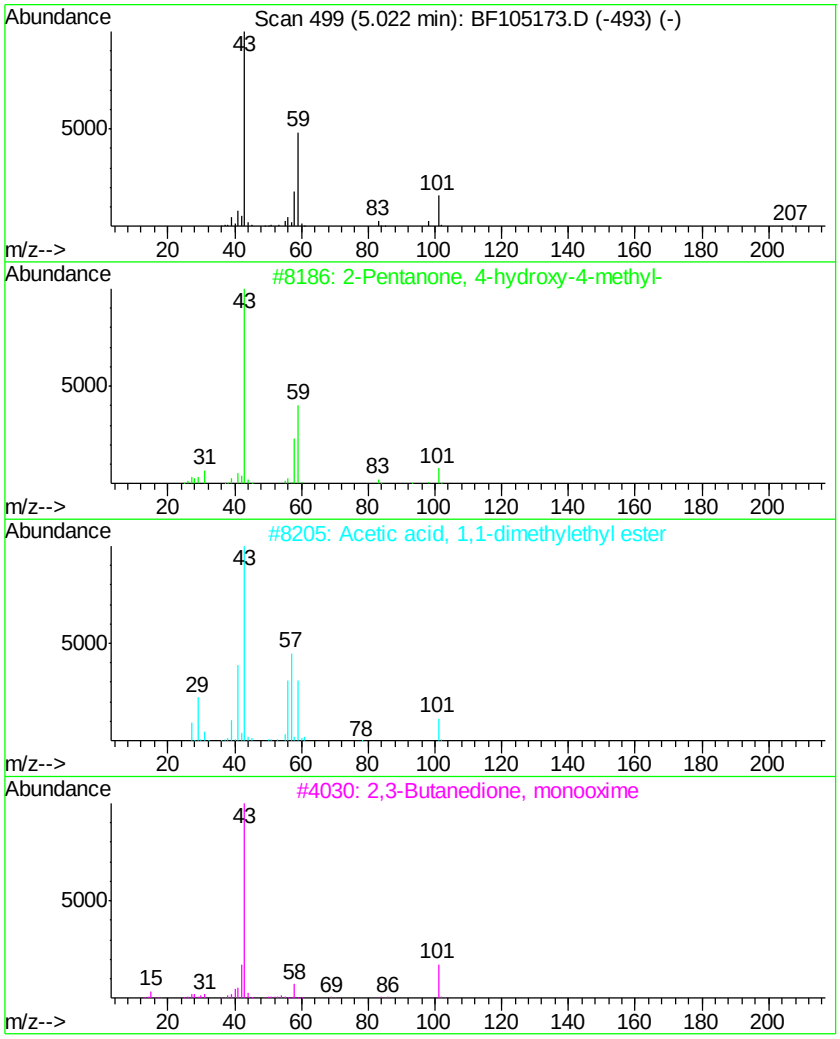
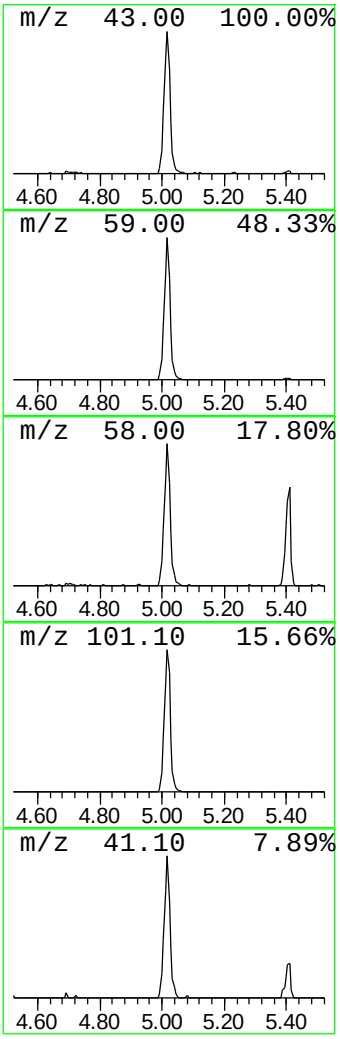
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	8.59 ng	659199	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9





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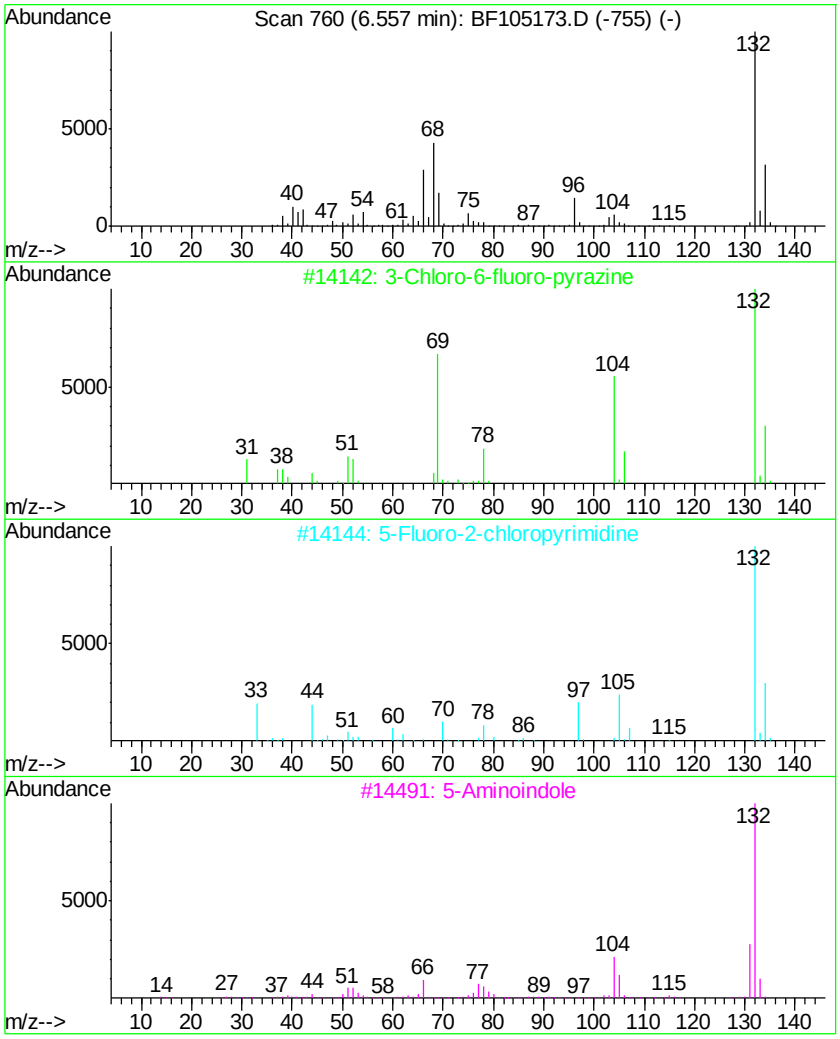
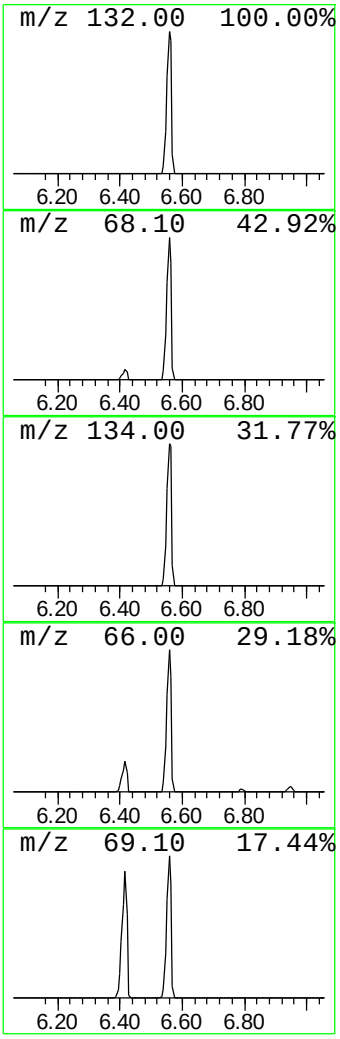
Peak Number 2 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	58.13 ng	4461280	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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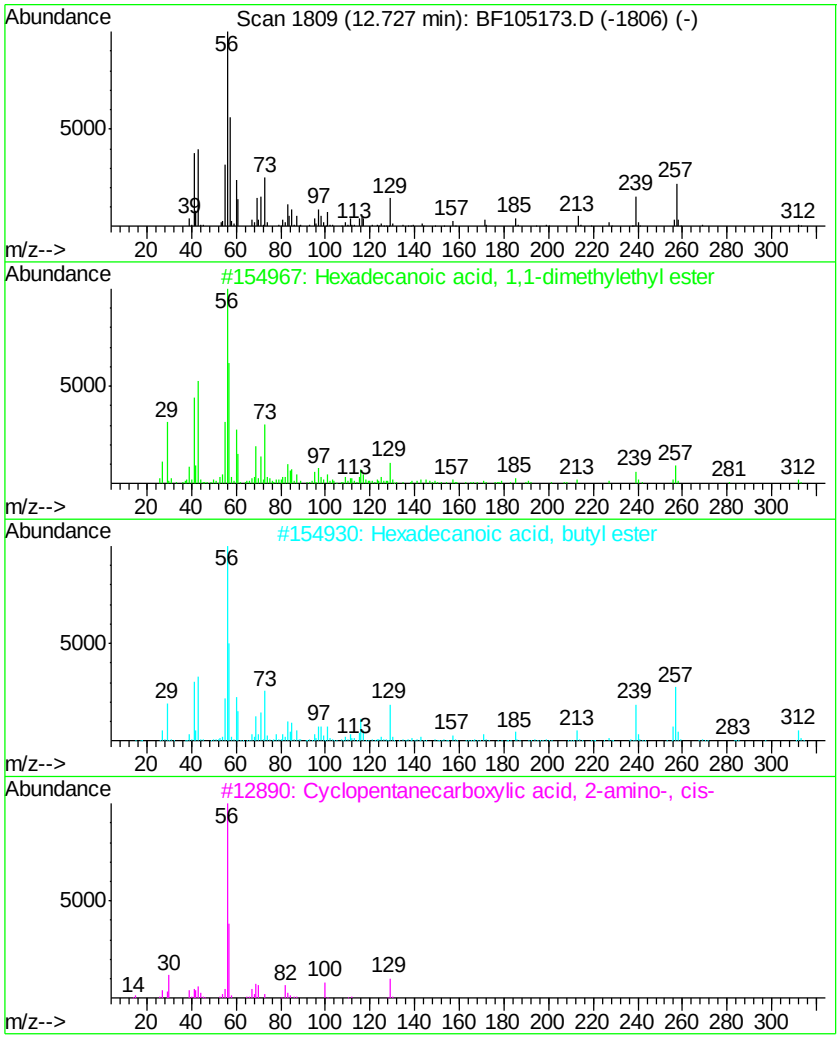
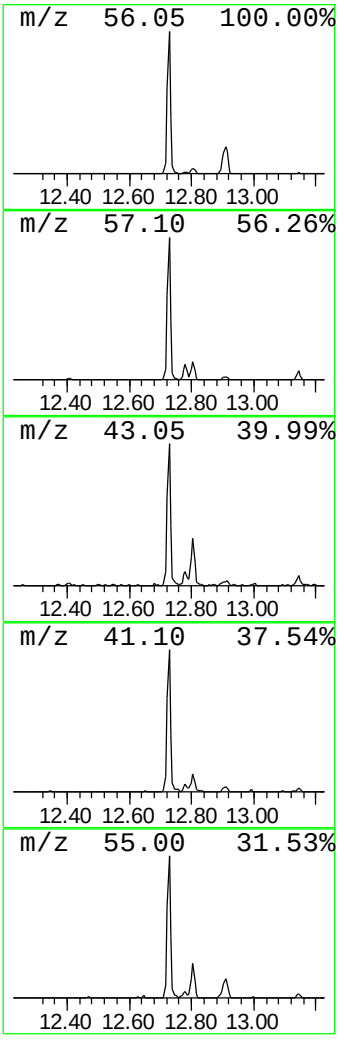
Peak Number 4 Hexadecanoic acid, 1,1-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.36 ng	393572	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	97
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	38
5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	35





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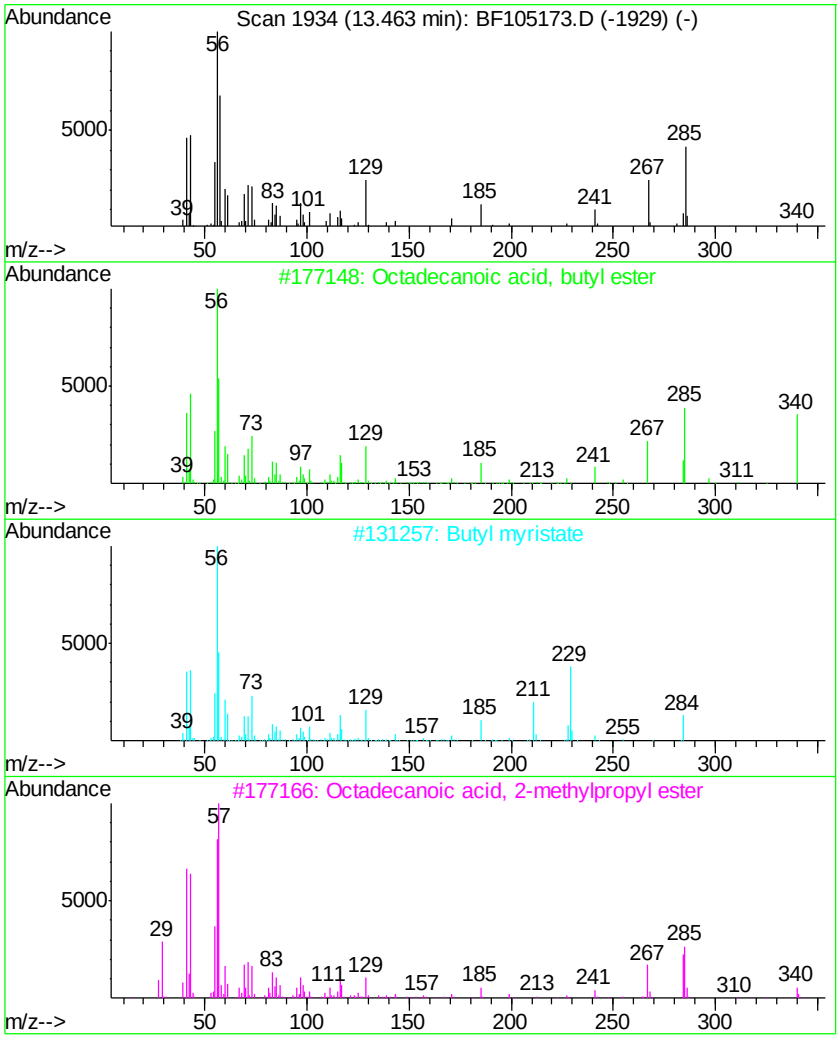
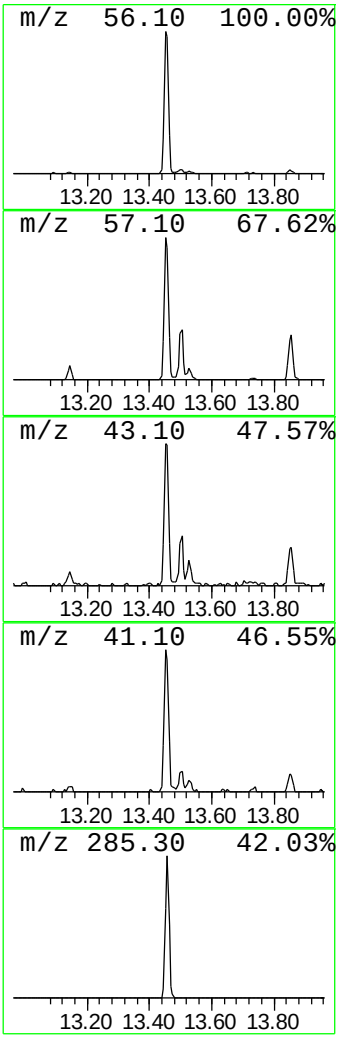
****

Peak Number 5 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.61 ng	305927	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2	Butyl myristate	284	C18H36O2	000110-36-1	64
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	46
4	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	35
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	30





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.02	8.6	ng	659199	1	6.79	1534910	20.0
unknown6.56	6.56	58.1	ng	4461280	1	6.79	1534910	20.0
Hexadecanoic acid...	12.73	3.4	ng	393572	5	14.01	2342200	20.0
Octadecanoic acid...	13.46	2.6	ng	305927	5	14.01	2342200	20.0