LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
Data File : BF138463.D
Acq On : 05 Jul 2024 12:22
Operator : CG\JU
Sample : PB161894BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161894BL

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:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138463.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.240	18	26	36	rVB	63877	93950	2.12%	0.340%
2	5.116	506	515	524	rBV	221695	312762	7.06%	1.133%
3	5.510	577	582	585	rBV	3841123	3820884	86.24%	13.845%
4	6.510	747	752	755	rBV	3497609	4044721	91.29%	14.656%
5	6.869	810	813	817	rBV	921823	815662	18.41%	2.955%
6	7.275	878	882	888	rBV2	42362	45936	1.04%	0.166%
7	7.434	903	909	912	rBV	2251016	2652802	59.88%	9.612%
8	8.151	1026	1031	1034	rBV	1186531	1110799	25.07%	4.025%
9	9.234	1209	1215	1218	rVB	4111450	4430503	100.00%	16.053%
10	9.910	1324	1330	1333	rBV	1479291	1282350	28.94%	4.646%
11	10.451	1419	1422	1428	rVB3	37496	45495	1.03%	0.165%
12	10.698	1458	1464	1468	rBV	2662419	2570661	58.02%	9.315%
13	11.392	1578	1582	1585	rBV	1341685	1248152	28.17%	4.523%
14	12.798	1817	1821	1824	rBV	139782	113077	2.55%	0.410%
15	12.981	1847	1852	1856	rBV	3600228	3698993	83.49%	13.403%
16	13.504	1937	1941	1945	rBV	78382	78567	1.77%	0.285%
17	14.033	2027	2031	2034	rBV	740399	651265	14.70%	2.360%
18	15.504	2276	2281	2289	rBV	474544	581823	13.13%	2.108%

Sum of corrected areas: 27598402

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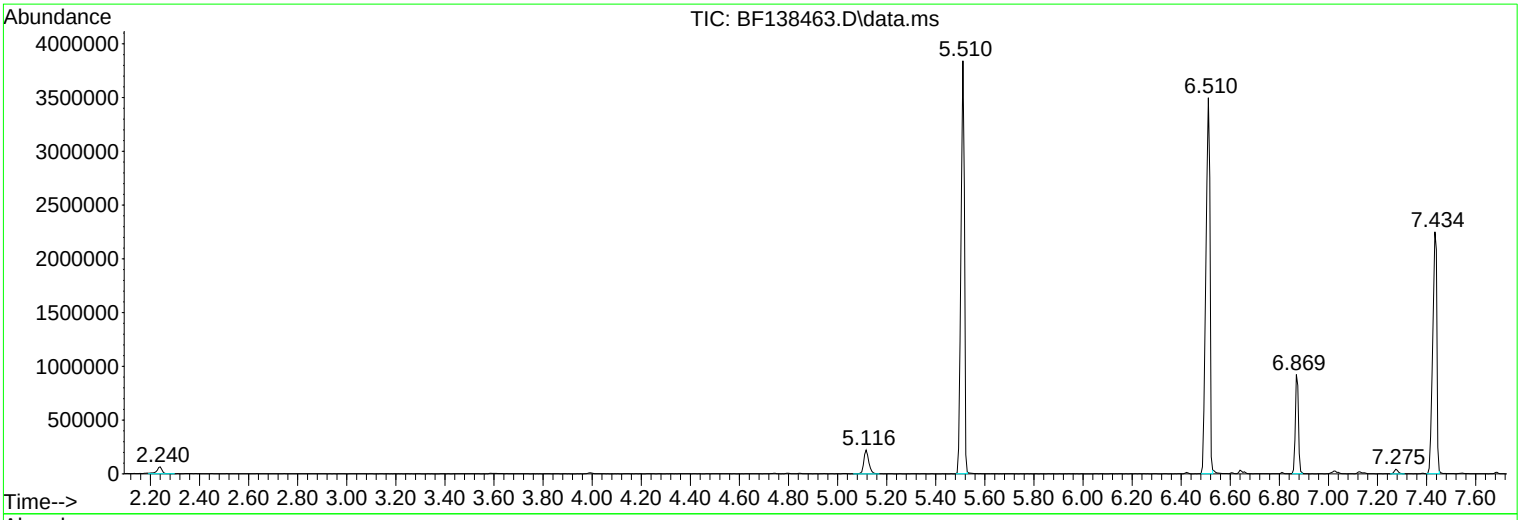
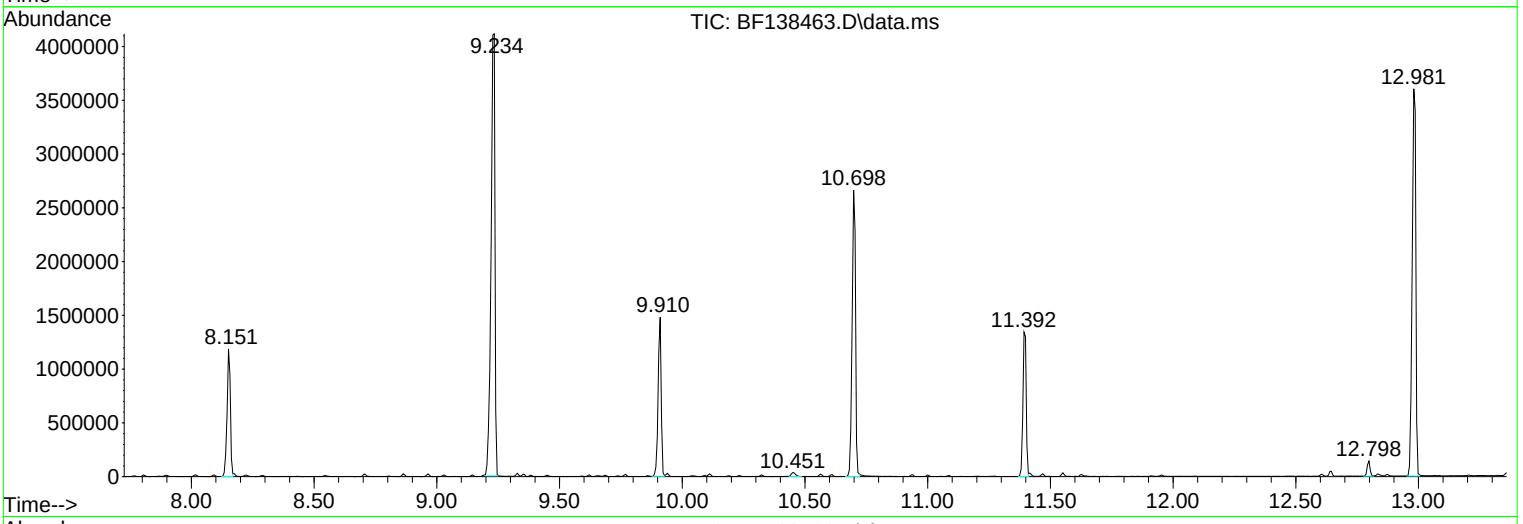
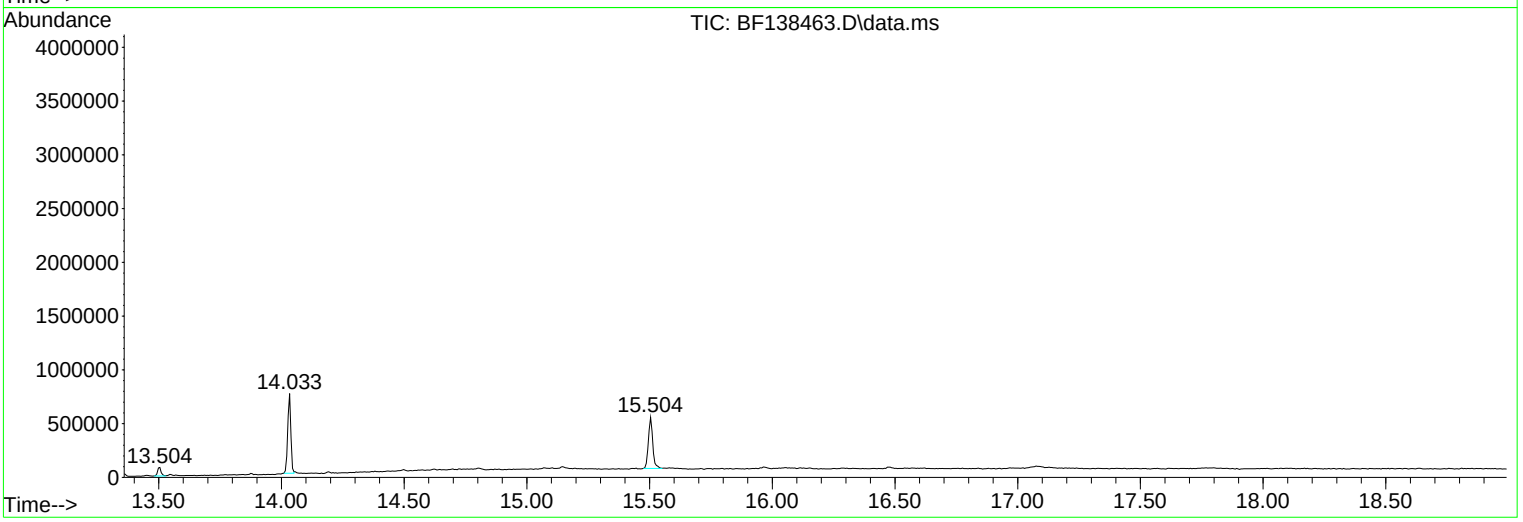
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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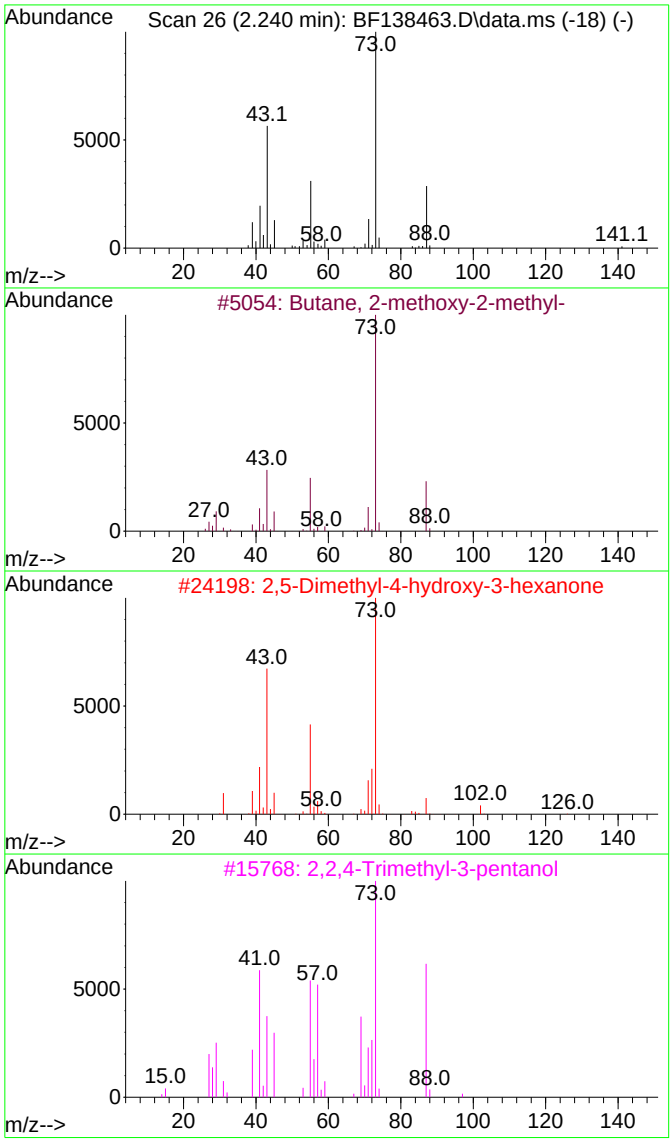
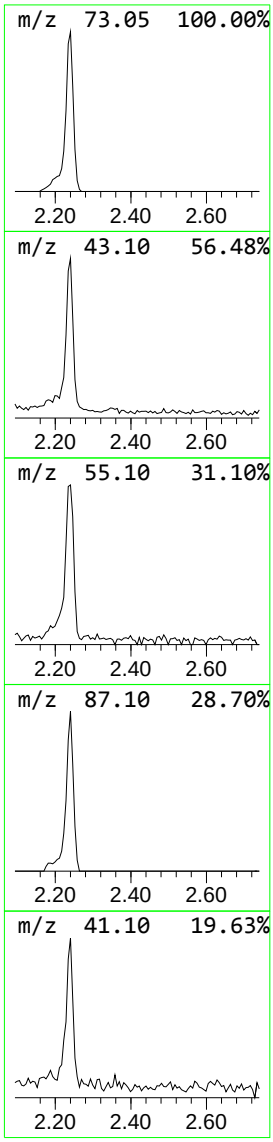
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.240	2.30 ng	93950	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	53
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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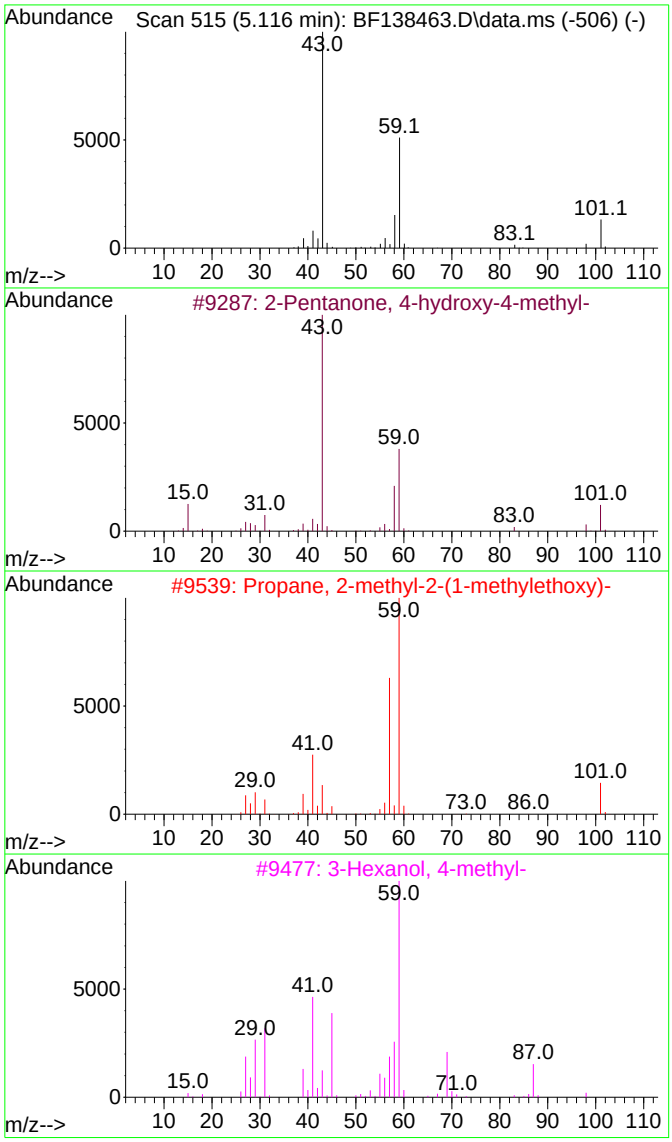
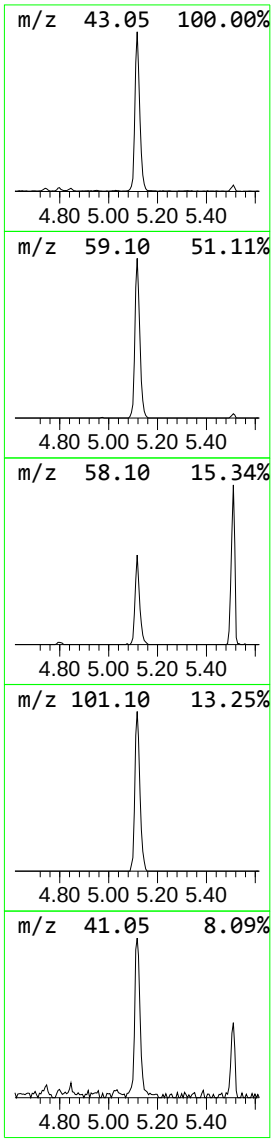
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	7.67 ng	312762	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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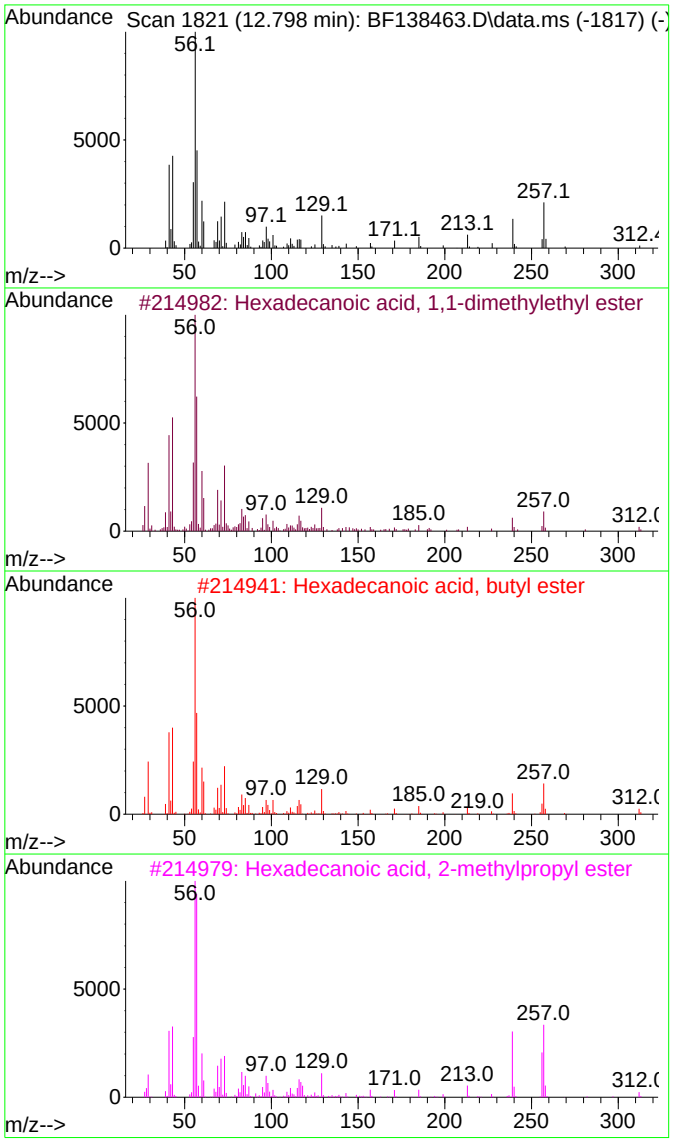
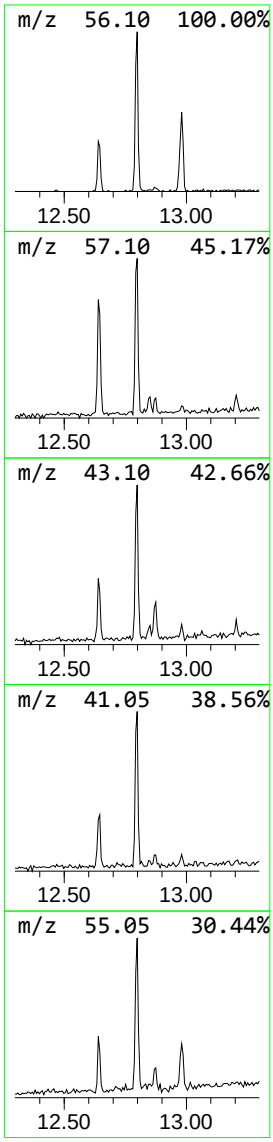
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecanoic acid, 1,1-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	3.47 ng	113077	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	92
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	41
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38
5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	37





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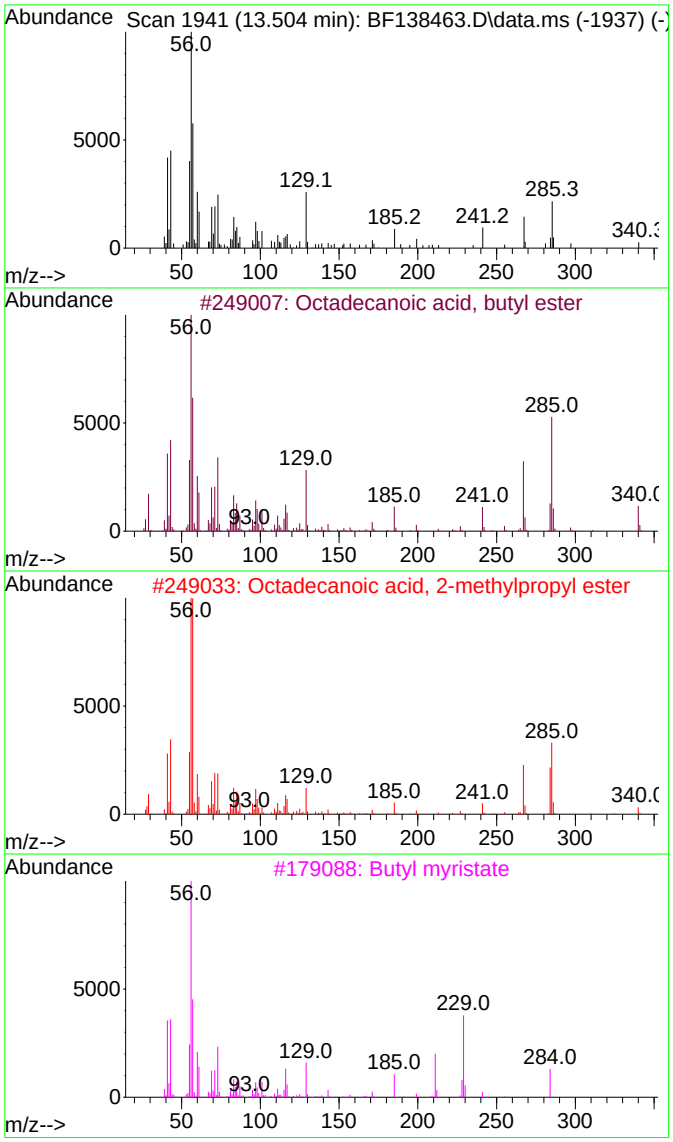
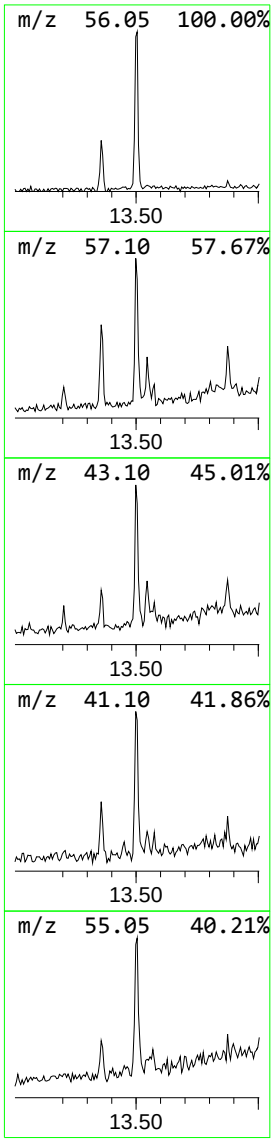
****
Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.504	2.41 ng	78567	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	96
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	87
3	Butyl myristate	284	C18H36O2	000110-36-1	58
4	Nipecotic acid	129	C6H11NO2	000498-95-3	47
5	Piperidin-4-carboxylic acid	129	C6H11NO2	000498-94-2	38





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.240	2.3	ng	93950	1	6.869	815662	20.0
2-Pentanone, 4-...	5.116	7.7	ng	312762	1	6.869	815662	20.0
Hexadecanoic ac...	12.798	3.5	ng	113077	5	14.033	651265	20.0
Octadecanoic ac...	13.504	2.4	ng	78567	5	14.033	651265	20.0