LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143575.D
Acq On : 22 Aug 2025 16:24
Operator : RC/JU
Sample : Q2903-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

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-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143575.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.258	3	11	20	rBV	2015221	3333115	98.65%	15.839%
2	5.152	494	503	513	rBV2	93441	164862	4.88%	0.783%
3	5.563	567	573	590	rBV	991060	1339563	39.65%	6.366%
4	6.557	737	742	763	rBV	648661	866193	25.64%	4.116%
5	6.922	799	804	812	rBV	467523	574860	17.01%	2.732%
6	7.487	893	900	911	rBV	1370257	1937644	57.35%	9.208%
7	8.204	1017	1022	1036	rBV	595493	762425	22.57%	3.623%
8	9.281	1199	1205	1210	rBV	2622373	3378602	100.00%	16.056%
9	9.963	1315	1321	1332	rVB	721941	928532	27.48%	4.413%
10	10.675	1437	1442	1449	rBV	66512	89527	2.65%	0.425%
11	10.751	1449	1455	1470	rBV	1672625	2341706	69.31%	11.128%
12	11.451	1569	1574	1581	rBV	726951	927264	27.45%	4.406%
13	11.975	1658	1663	1675	rBV2	69147	139444	4.13%	0.663%
14	12.692	1778	1785	1792	rBV	31701	54435	1.61%	0.259%
15	12.851	1807	1812	1816	rVB	52819	69637	2.06%	0.331%
16	13.033	1837	1843	1856	rBV	2246037	3040719	90.00%	14.450%
17	13.551	1927	1931	1936	rBV	32403	42718	1.26%	0.203%
18	14.092	2018	2023	2037	rVB	398400	537357	15.90%	2.554%
19	15.592	2272	2278	2291	rBV	320463	514567	15.23%	2.445%

Sum of corrected areas: 21043170

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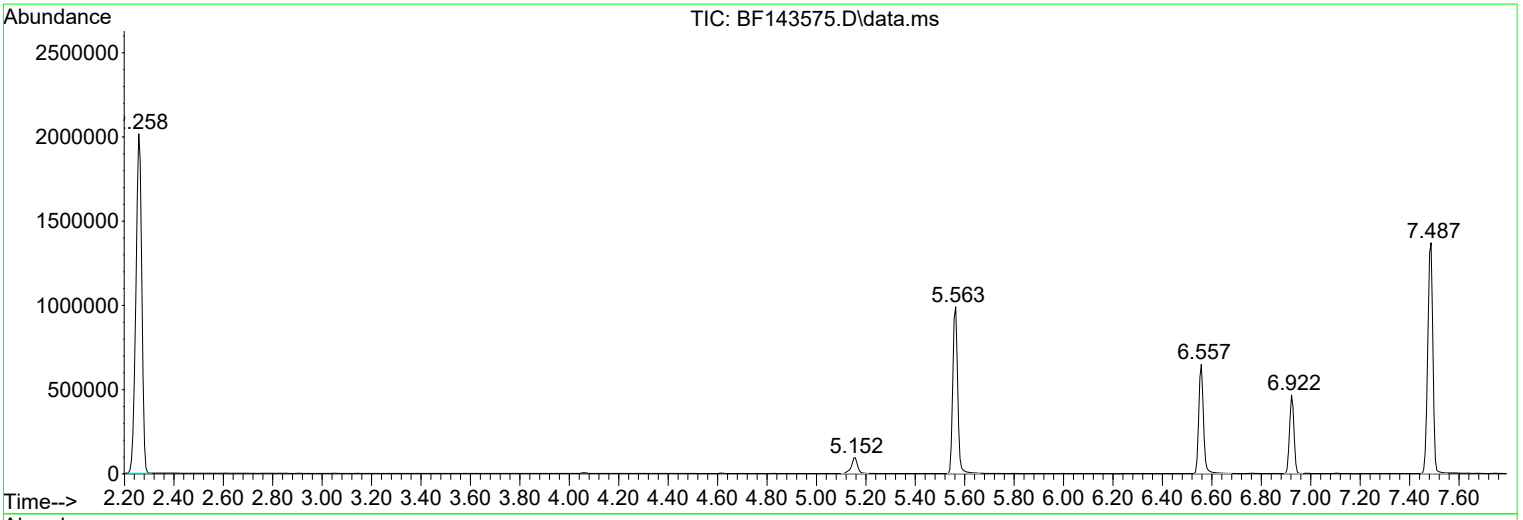
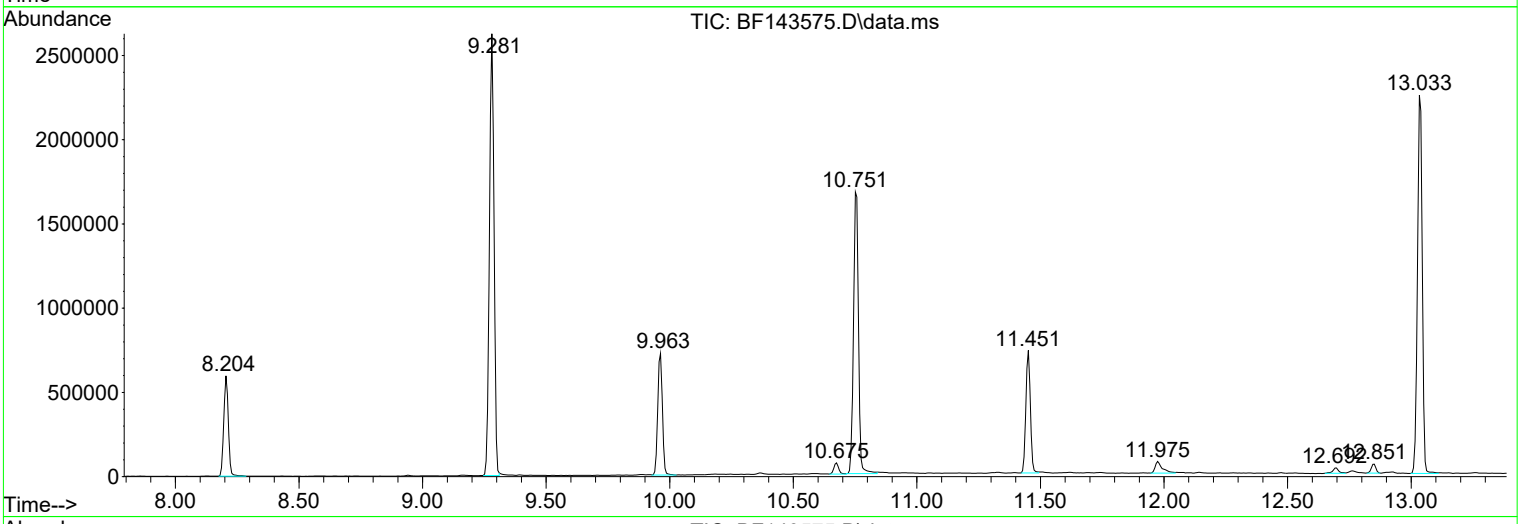
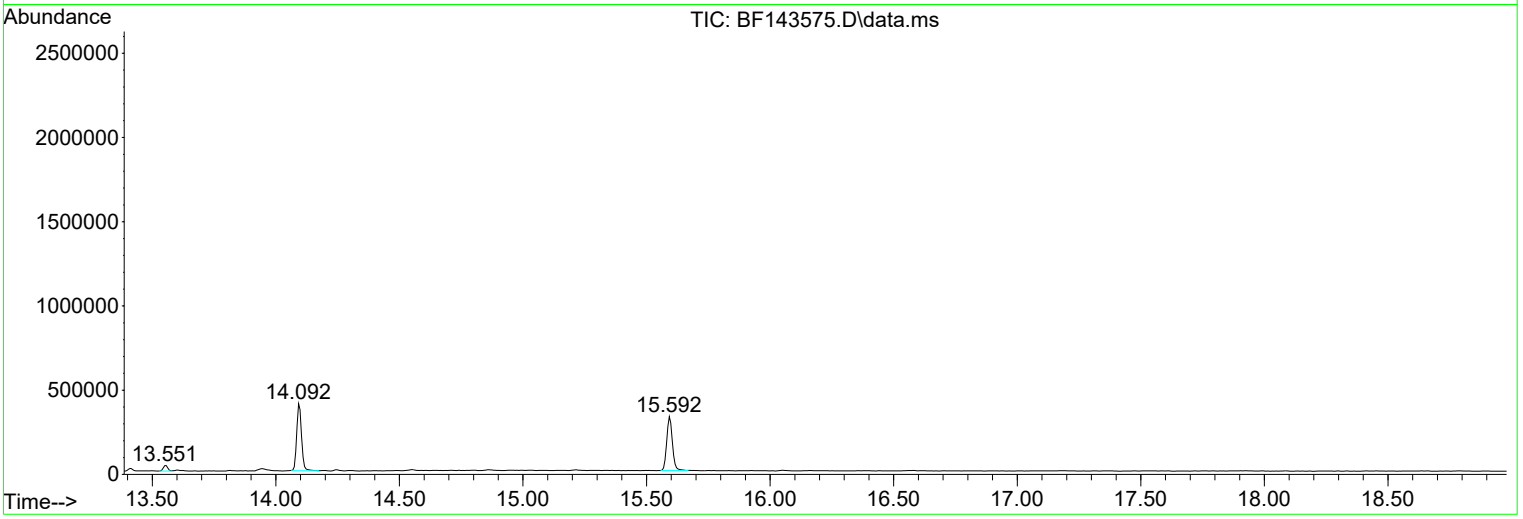
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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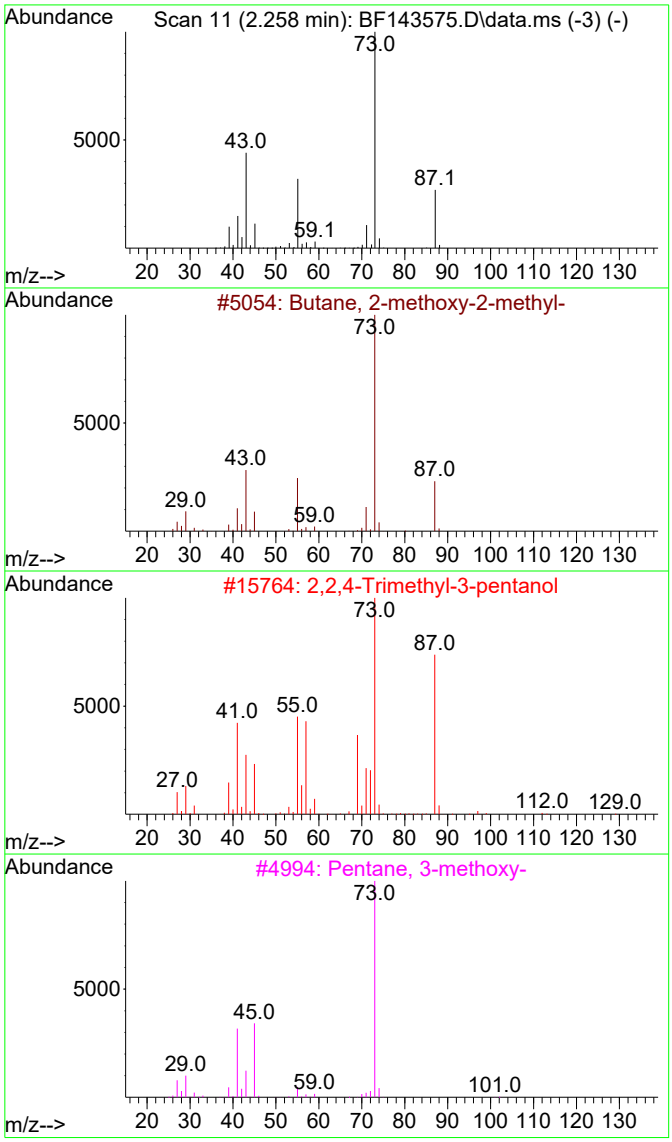
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

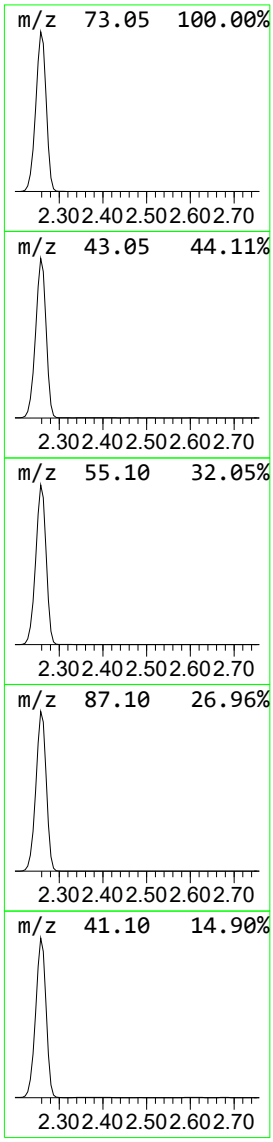
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.258	115.96 ng	3333120	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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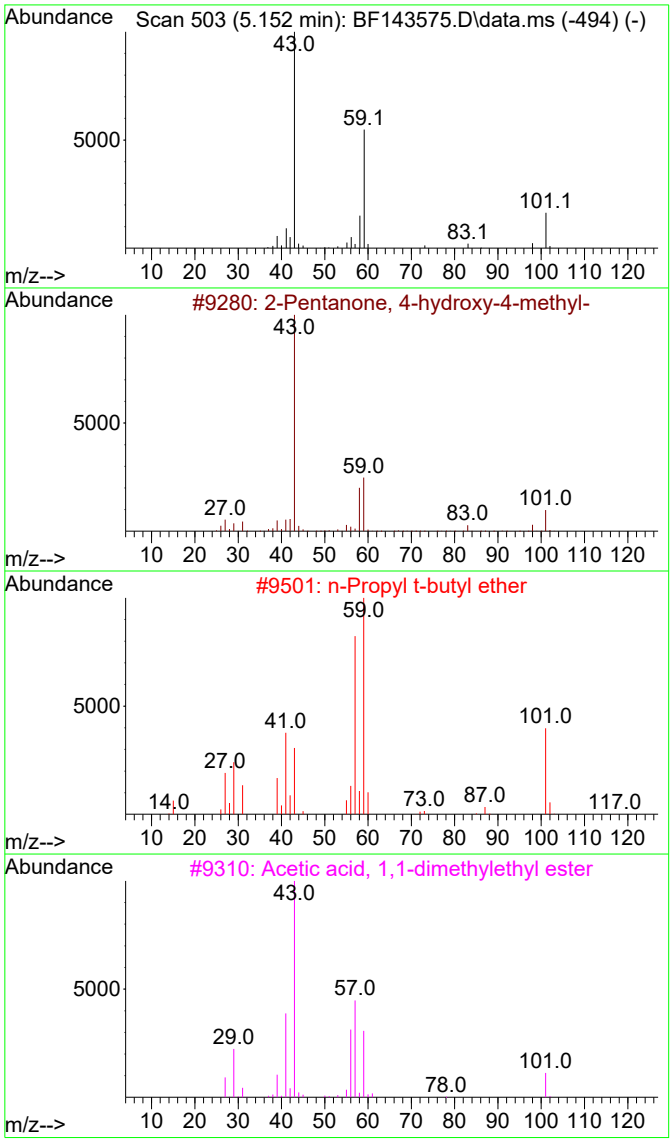
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

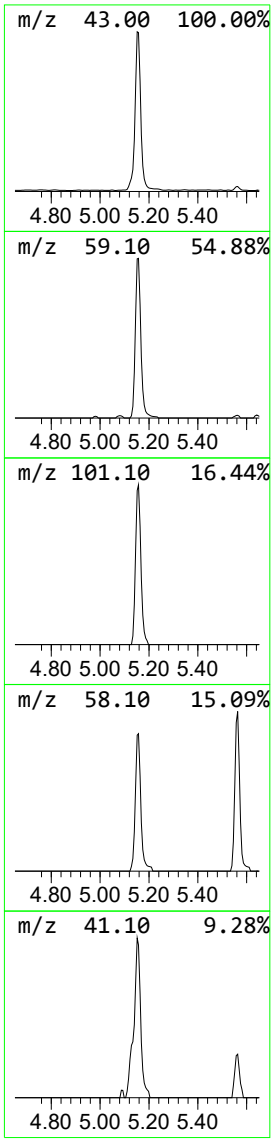
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.152	5.74 ng	164862	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	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	23





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Sample : Q2903-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
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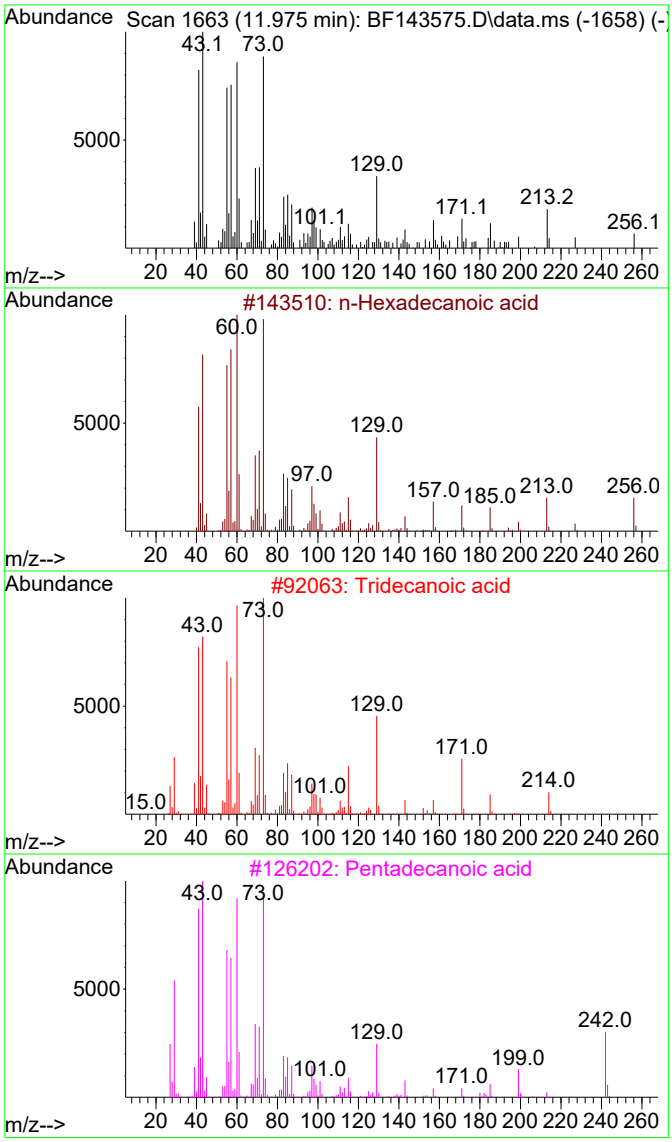
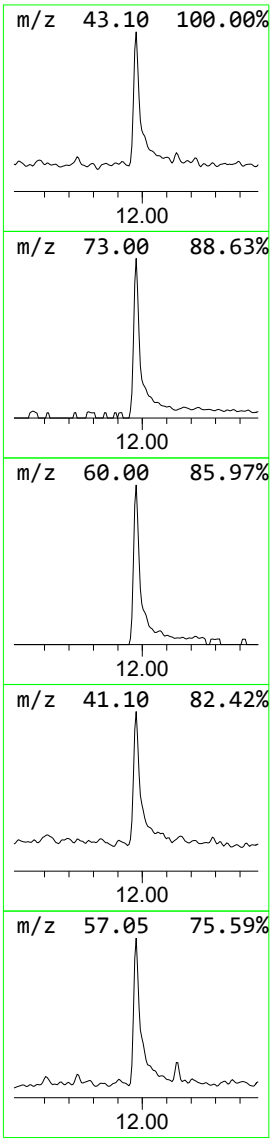
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	3.01 ng	139444	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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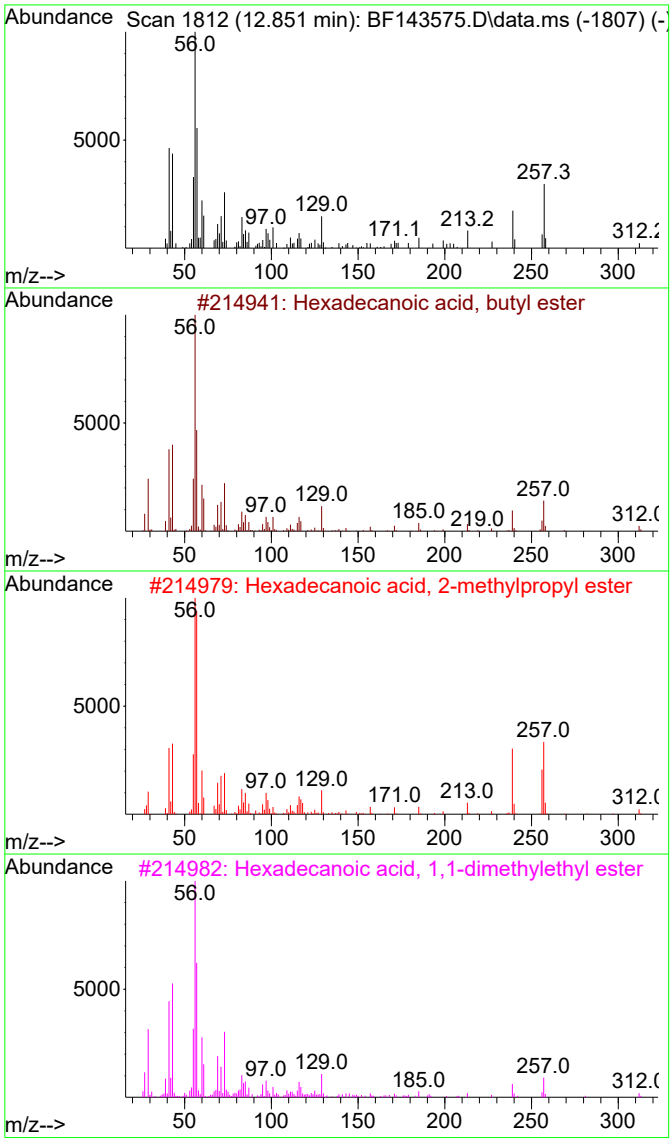
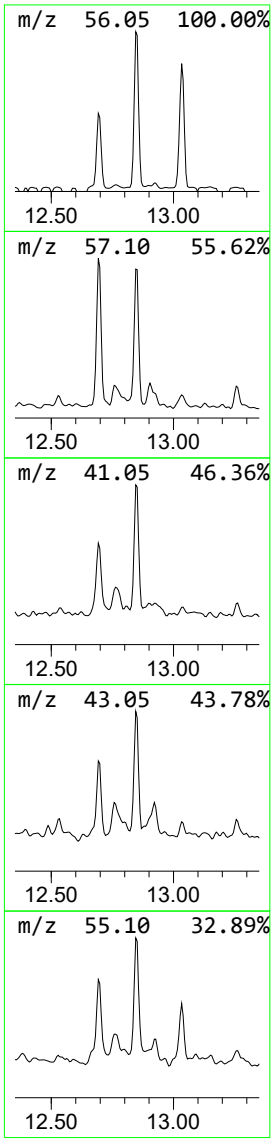
****
Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.851	2.59 ng	69637	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	99
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	70
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	60
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	35
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27





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...	2.258	116.0	ng	3333120	1	6.922	574860	20.0
2-Pentanone, 4-...	5.152	5.7	ng	164862	1	6.922	574860	20.0
n-Hexadecanoic ...	11.975	3.0	ng	139444	4	11.451	927264	20.0
Hexadecanoic ac...	12.851	2.6	ng	69637	5	14.092	537357	20.0