LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141194.D
Acq On : 17 Jan 2025 15:51
Operator : RC/JU
Sample : PB166097BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166097BL

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-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141194.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	14	rVB	44735	75234	1.03%	0.179%
2	5.434	561	568	573	rBV	3530624	5132496	70.57%	12.218%
3	6.434	731	738	744	rBV	3335727	5176672	71.18%	12.323%
4	6.810	796	802	807	rBV	916956	1156664	15.90%	2.753%
5	7.369	890	897	902	rBV	2420843	3456729	47.53%	8.229%
6	8.086	1013	1019	1025	rBV	1151609	1575390	21.66%	3.750%
7	9.163	1195	1202	1207	rBV	4696337	6564663	90.26%	15.627%
8	9.839	1311	1317	1323	rBV	1392741	1824625	25.09%	4.343%
9	10.633	1444	1452	1457	rBV	3150910	4378009	60.19%	10.422%
10	11.327	1564	1570	1575	rBV	1502576	1885095	25.92%	4.487%
11	11.851	1650	1659	1676	rBV2	59008	134736	1.85%	0.321%
12	12.586	1779	1784	1789	rVB	71161	85370	1.17%	0.203%
13	12.739	1805	1810	1817	rBV	133938	170367	2.34%	0.406%
14	12.921	1834	1841	1846	rBV	5141768	7273154	100.00%	17.313%
15	13.445	1922	1930	1935	rBV2	93971	159338	2.19%	0.379%
16	13.963	2013	2018	2027	rBV	1130855	1513387	20.81%	3.603%
17	14.751	2148	2152	2157	rBV	54335	77242	1.06%	0.184%
18	15.086	2204	2209	2215	rBV	55153	89071	1.22%	0.212%
19	15.421	2260	2266	2271	rBV	799553	1204723	16.56%	2.868%
20	15.462	2271	2273	2283	rVB	52167	75999	1.04%	0.181%

Sum of corrected areas: 42008964

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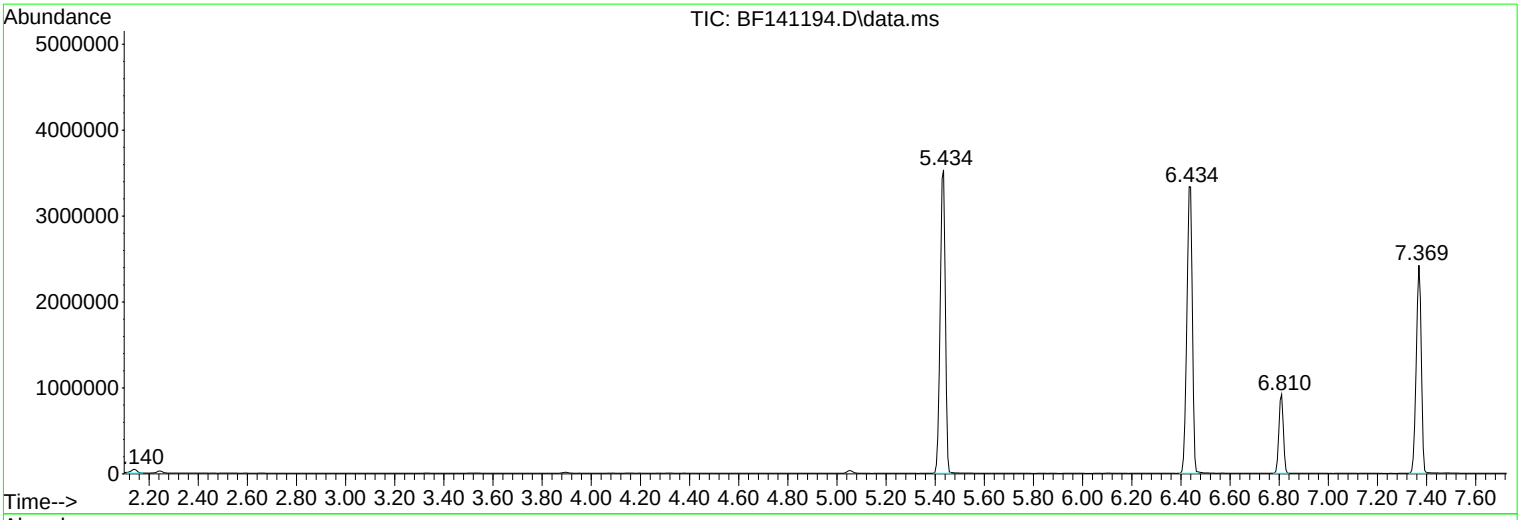
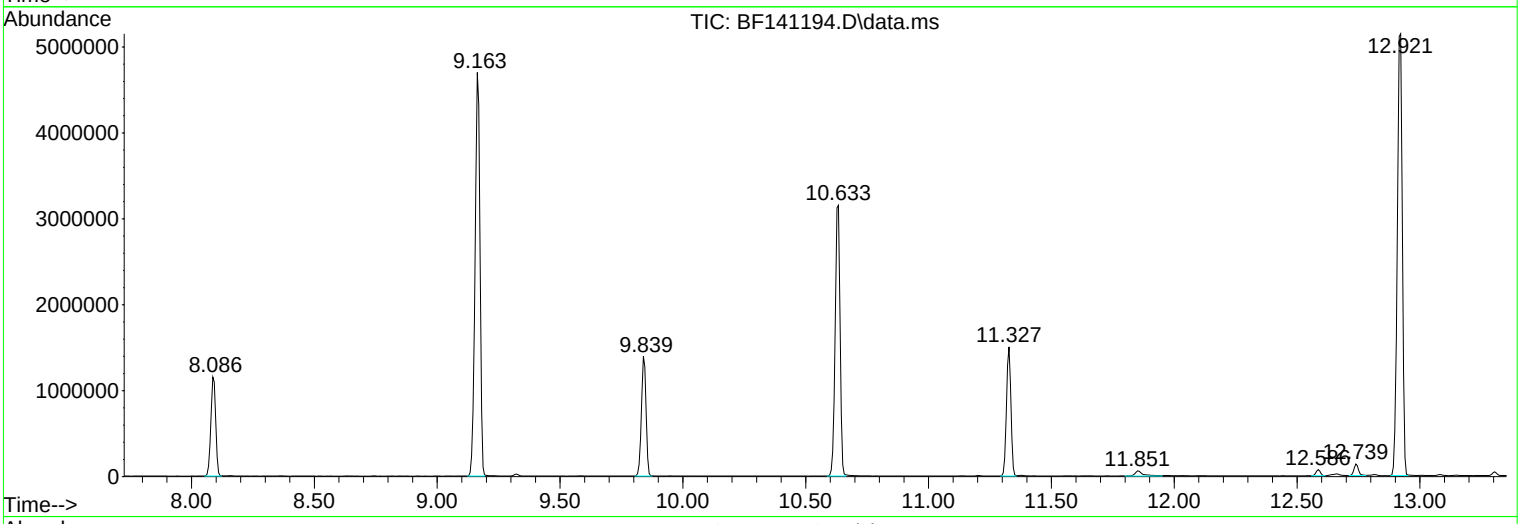
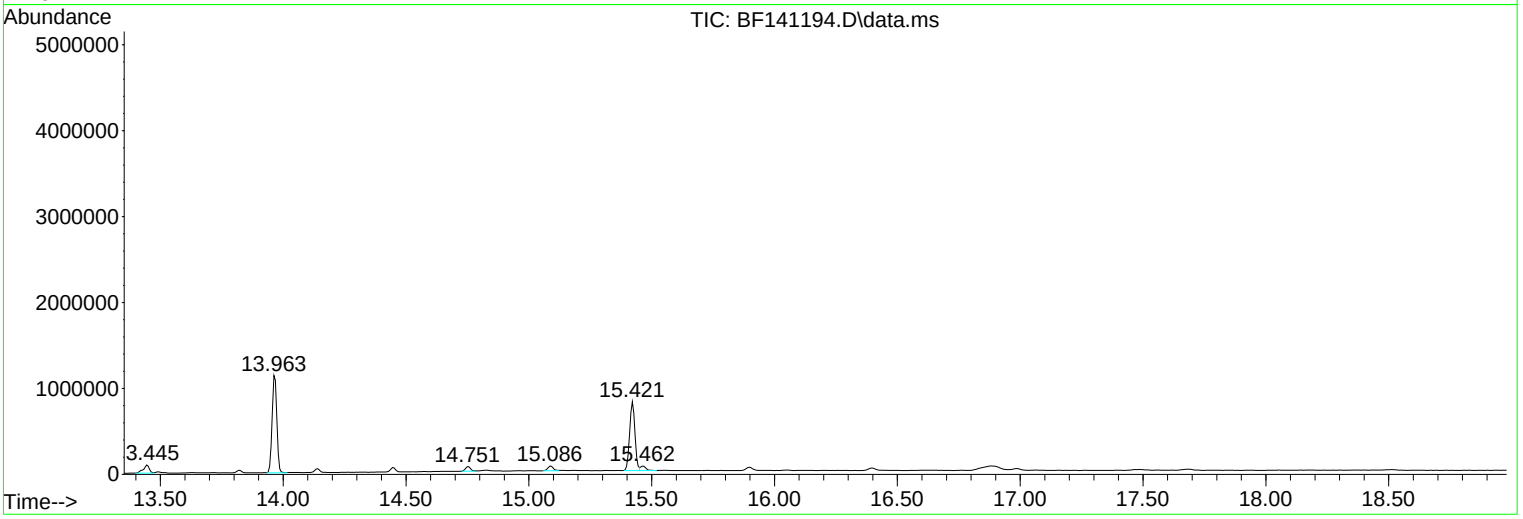
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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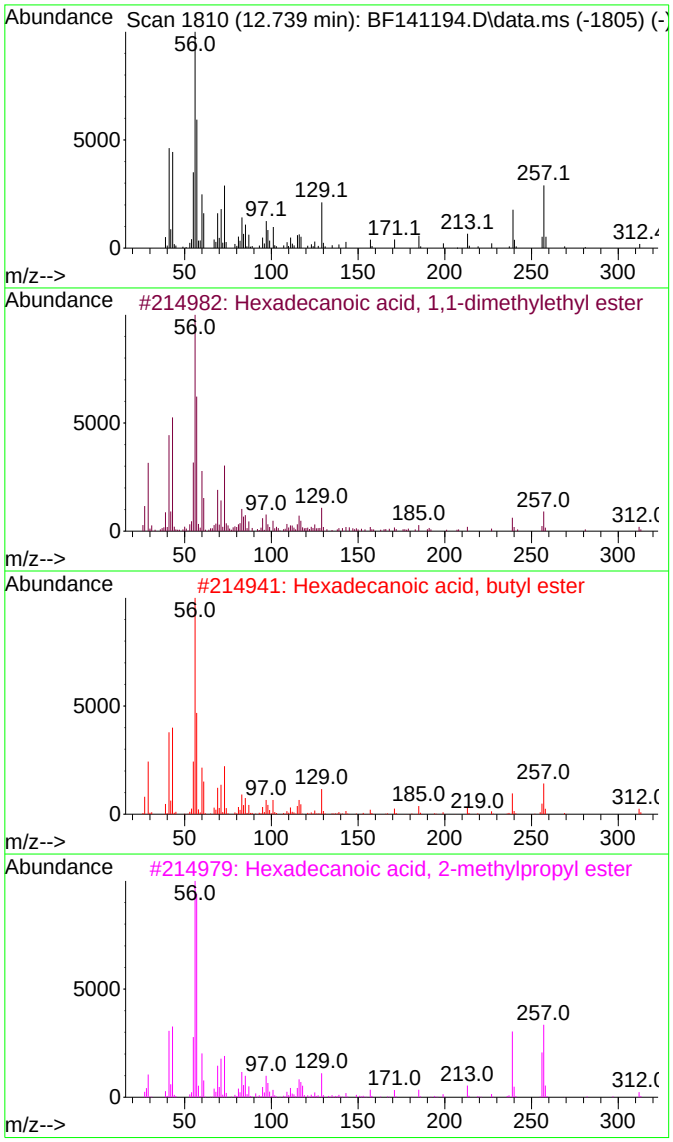
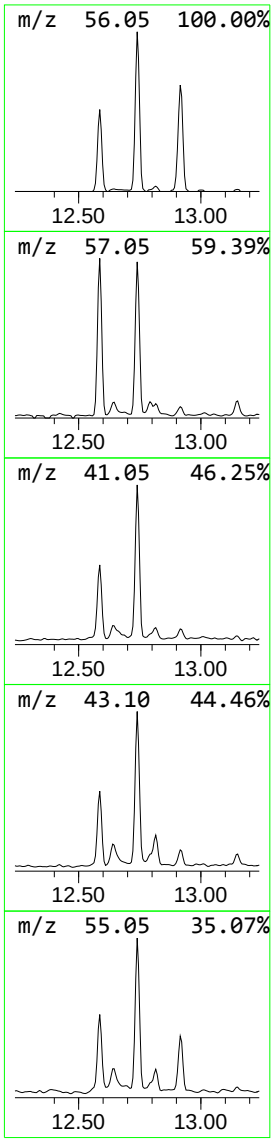
****
Peak Number 1 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	2.25 ng	170367	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	89
4	Nipecotic acid	129	C6H11NO2	000498-95-3	50
5	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35





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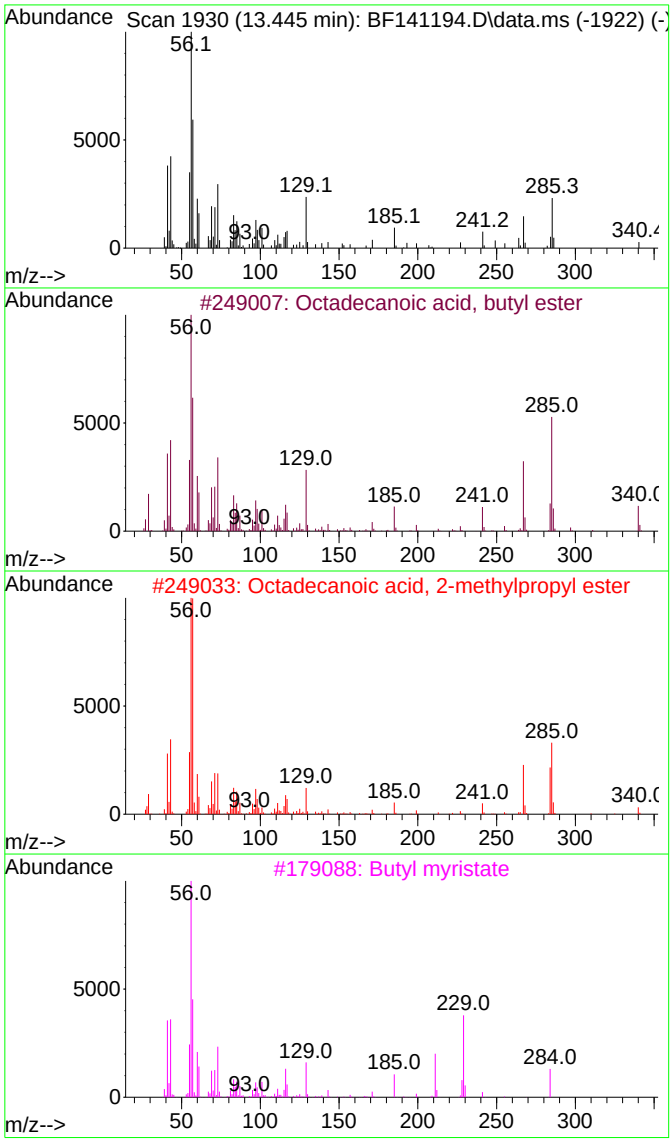
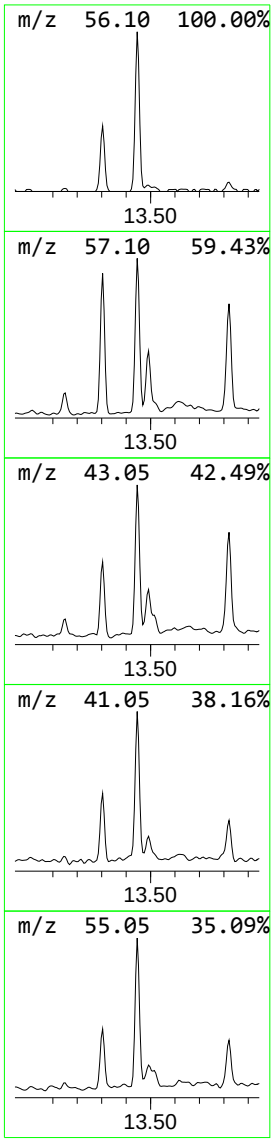
****

Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	2.11 ng	159338	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	99
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	86
3	Butyl myristate	284	C18H36O2	000110-36-1	50
4	Nipecotic acid	129	C6H11NO2	000498-95-3	47
5	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	30





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic ac...	12.739	2.3	ng	170367	5	13.963	1513390	20.0
Octadecanoic ac...	13.445	2.1	ng	159338	5	13.963	1513390	20.0