LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
Data File : BF135662.D
Acq On : 09 Oct 2023 21:11
Operator : CG\JU
Sample : 04656-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-106D

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135662.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.963	486	489	499	rBV2	18887	35819	1.13%	0.212%
2	5.369	555	558	572	rBV	1087100	1254804	39.73%	7.417%
3	6.387	728	731	744	rBV	668996	745233	23.59%	4.405%
4	6.740	788	791	798	rBV	701474	601200	19.03%	3.554%
5	7.310	883	888	900	rBV	2014588	1973056	62.46%	11.662%
6	8.016	1005	1008	1015	rBV	884003	777137	24.60%	4.594%
7	9.098	1187	1192	1195	rBV	3610204	3158685	100.00%	18.671%
8	9.216	1208	1212	1223	rVB	1228320	1300598	41.18%	7.688%
9	9.528	1261	1265	1269	rBV2	38607	38003	1.20%	0.225%
10	9.775	1303	1307	1317	rVB	999380	809927	25.64%	4.787%
11	10.575	1439	1443	1458	rBV	1673118	1764088	55.85%	10.427%
12	11.269	1558	1561	1565	rBV	872333	720157	22.80%	4.257%
13	11.804	1649	1652	1661	rBV3	62287	96560	3.06%	0.571%
14	12.374	1747	1749	1755	rVB2	147296	119020	3.77%	0.704%
15	12.522	1768	1774	1777	rBV2	57402	51083	1.62%	0.302%
16	12.869	1828	1833	1836	rBV	2473070	2332715	73.85%	13.788%
17	13.933	2010	2014	2024	rVB	551858	521641	16.51%	3.083%
18	14.774	2153	2157	2161	rBV	43351	48507	1.54%	0.287%
19	15.404	2257	2264	2277	rBV	409194	569749	18.04%	3.368%

Sum of corrected areas: 16917982

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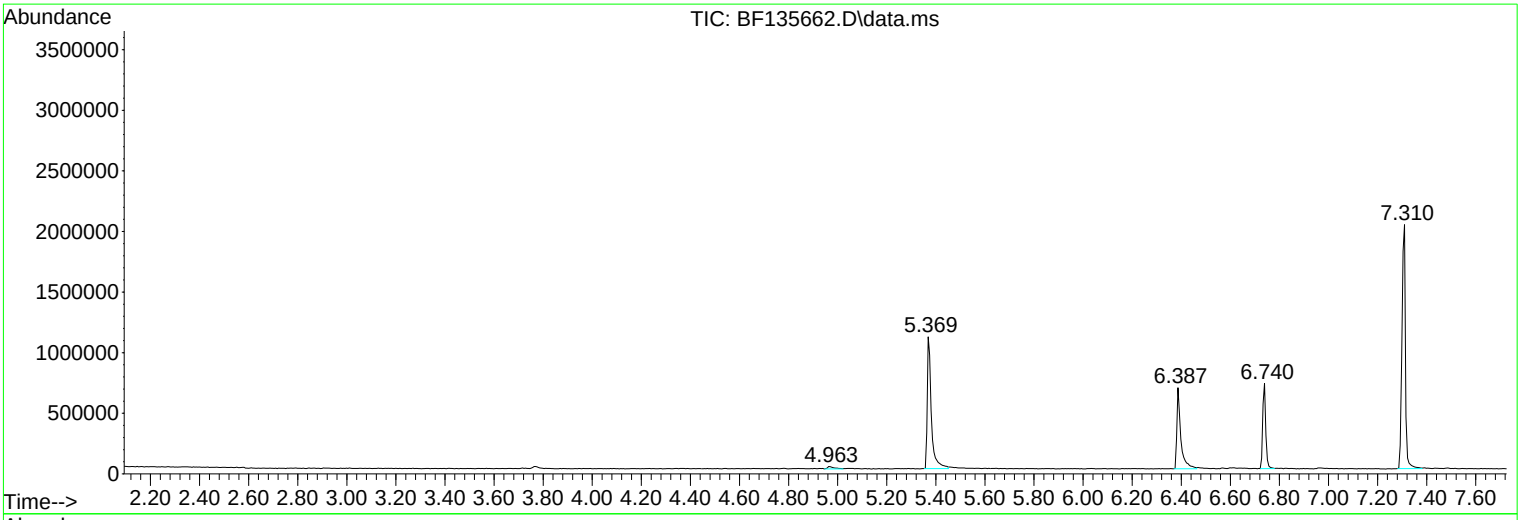
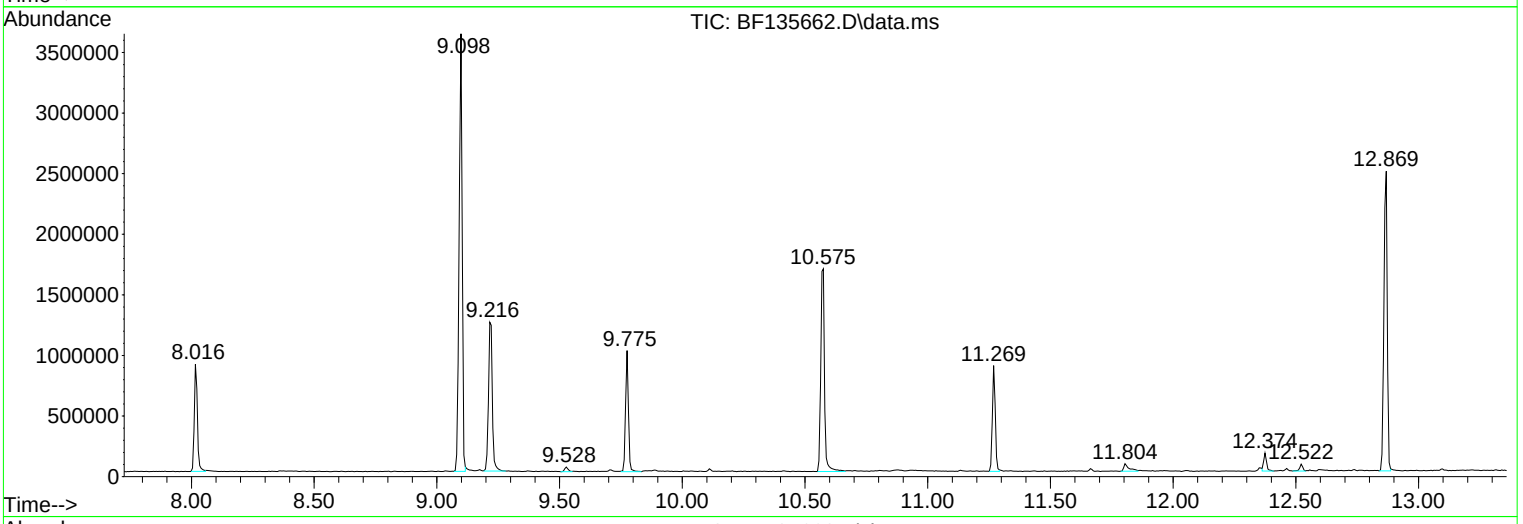
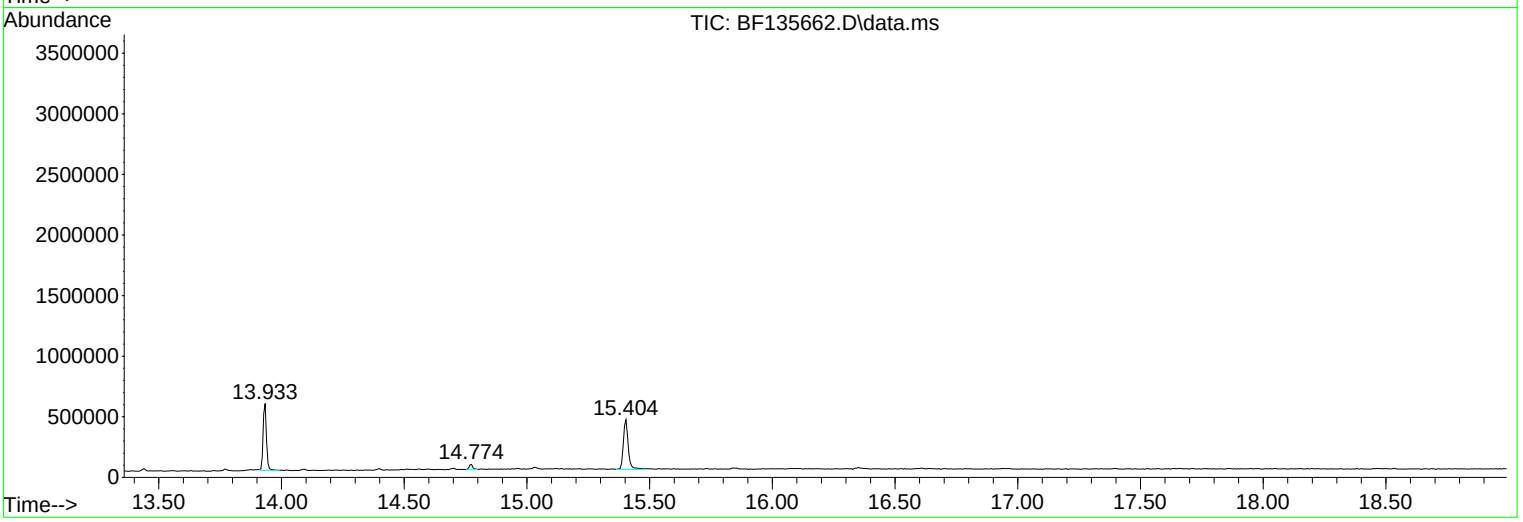
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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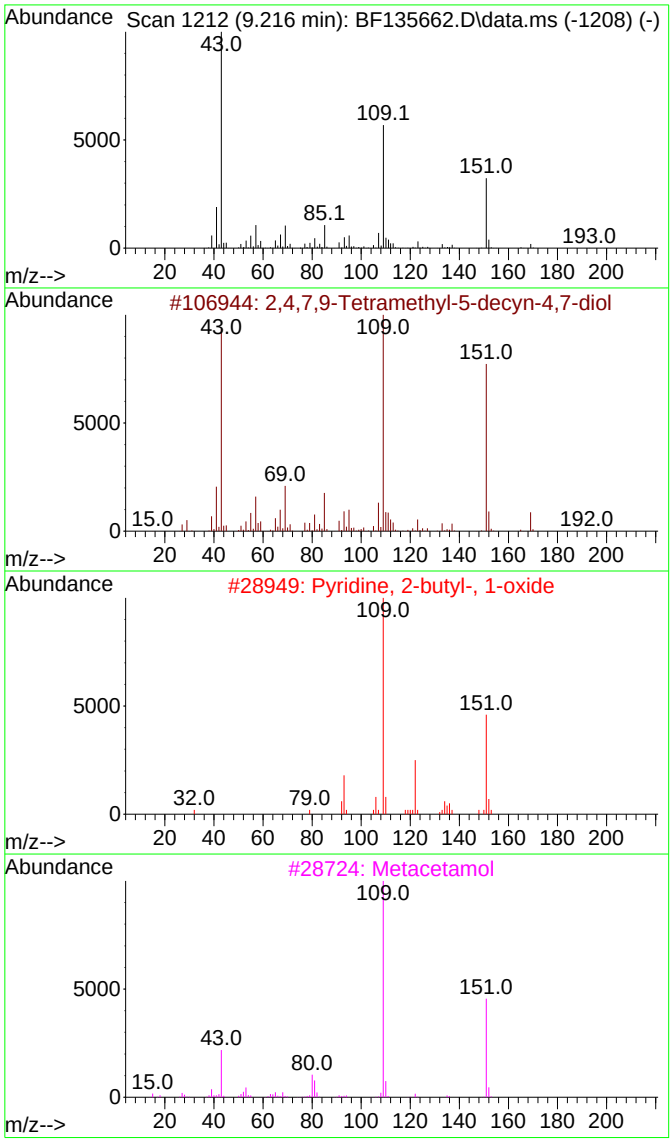
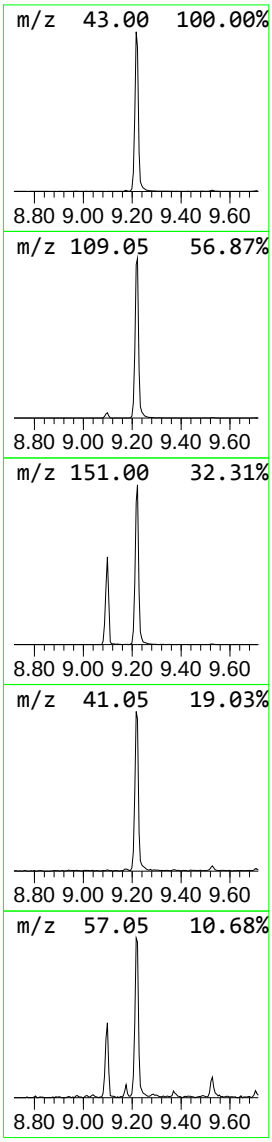
****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	32.12 ng	1300600	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3	Metacetamol	151	C8H9NO2	000621-42-1	49
4	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	47
5	Acetaminophen	151	C8H9NO2	000103-90-2	47





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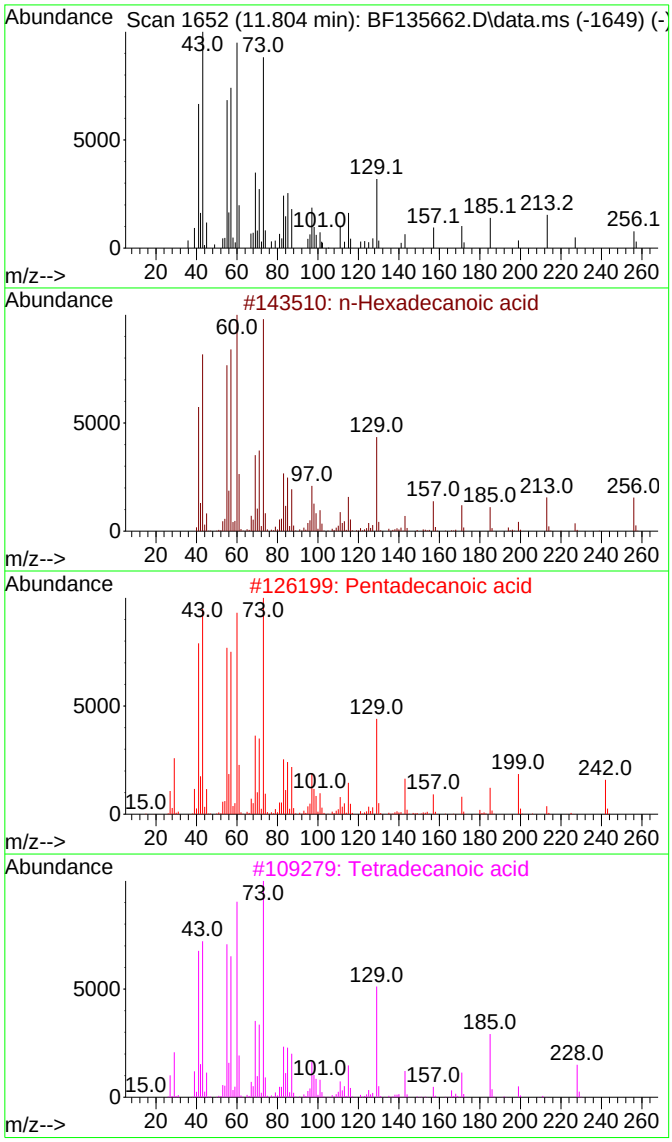
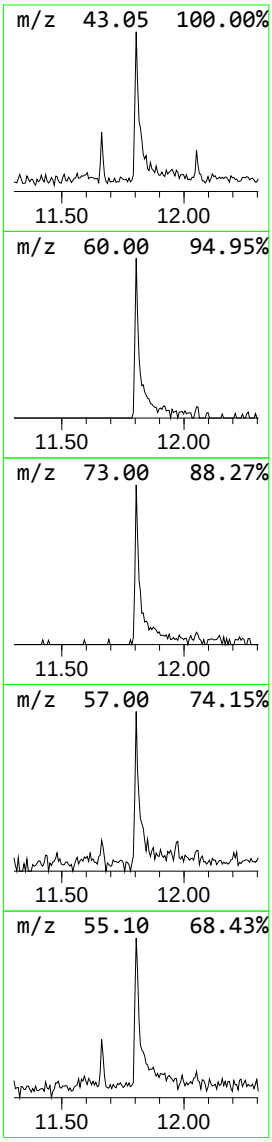
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	2.68 ng	96560	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





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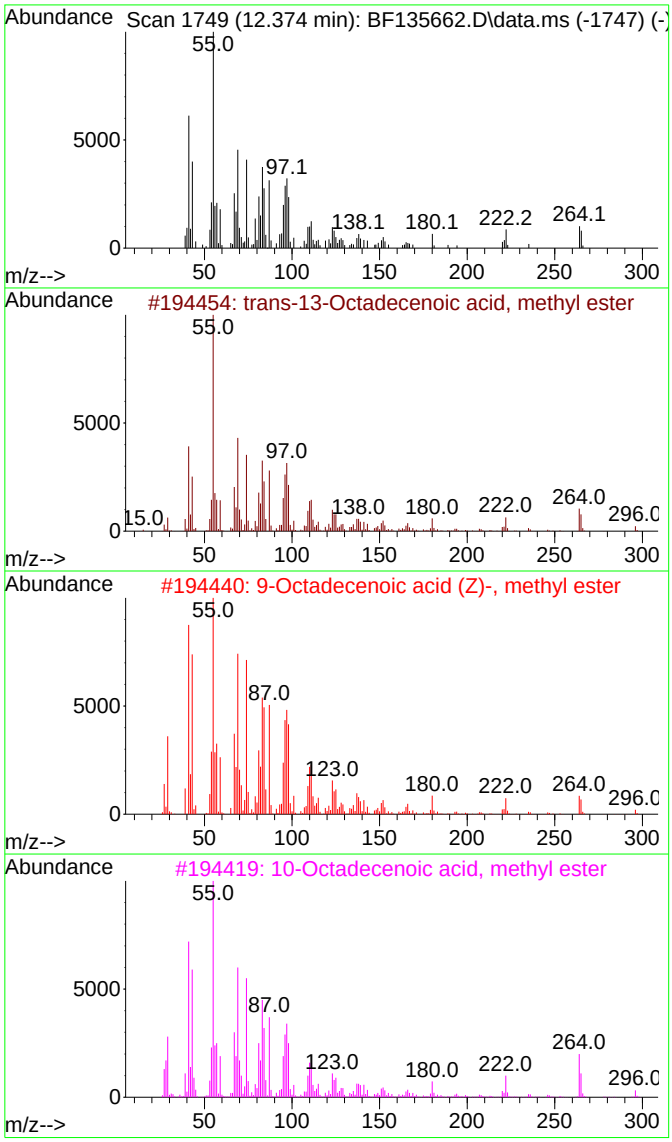
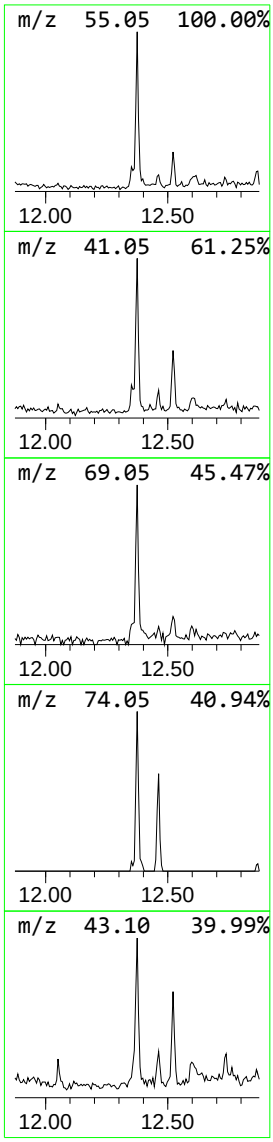
****
Peak Number 3 trans-13-Octadecenoic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	3.31 ng	119020	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	94
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	87
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	83
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	83





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,4,7,9-Tetrame...	9.216	32.1	ng	1300600	3	9.775	809927	20.0
n-Hexadecanoic ...	11.804	2.7	ng	96560	4	11.269	720157	20.0
trans-13-Octade...	12.374	3.3	ng	119020	4	11.269	720157	20.0