LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136618.D
Acq On : 18 Dec 2023 17:05
Operator : CG\JU
Sample : 05758-37
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

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-BF120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136618.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.034	496	501	509	rVB	69226	89761	3.09%	0.526%
2	5.434	565	569	572	rBV	2558803	2293282	79.03%	13.451%
3	6.434	734	739	742	rBV	2188190	2260739	77.91%	13.260%
4	6.786	795	799	802	rBV	782103	590281	20.34%	3.462%
5	7.351	889	895	898	rBV	1627914	1499975	51.69%	8.798%
6	8.063	1012	1016	1019	rBV	962228	765942	26.39%	4.492%
7	9.145	1194	1200	1203	rBV	3486781	2901913	100.00%	17.020%
8	9.822	1311	1315	1318	rBV	1045152	804544	27.72%	4.719%
9	10.616	1446	1450	1453	rBV	1597874	1374391	47.36%	8.061%
10	11.316	1565	1569	1572	rBV	737859	685404	23.62%	4.020%
11	11.845	1656	1659	1671	rBV	148178	171524	5.91%	1.006%
12	12.639	1790	1794	1805	rBV2	35231	50650	1.75%	0.297%
13	12.910	1836	1840	1843	rBV	2449293	2061179	71.03%	12.089%
14	13.880	1997	2005	2015	rBV6	31831	116739	4.02%	0.685%
15	13.962	2015	2019	2023	rBV	602046	591314	20.38%	3.468%
16	14.445	2097	2101	2104	rBV3	40428	46934	1.62%	0.275%
17	14.827	2163	2166	2172	rVB3	28730	38414	1.32%	0.225%
18	15.009	2194	2197	2200	rBV	24978	38692	1.33%	0.227%
19	15.451	2266	2272	2276	rBV	521499	668022	23.02%	3.918%

Sum of corrected areas: 17049700

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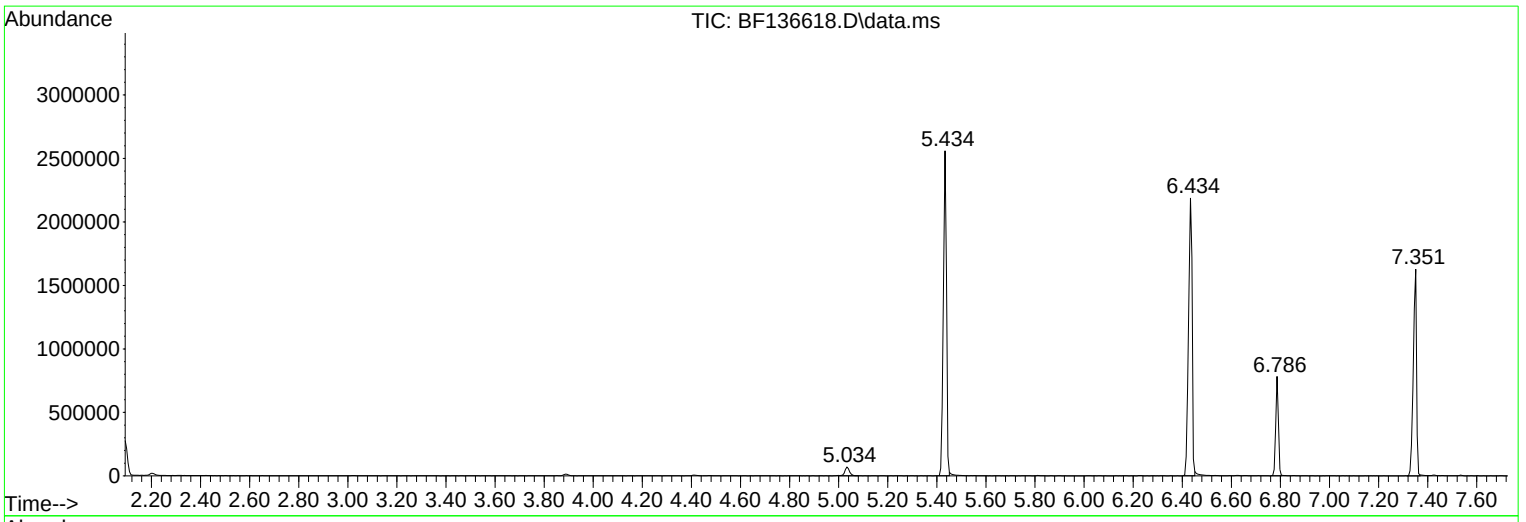
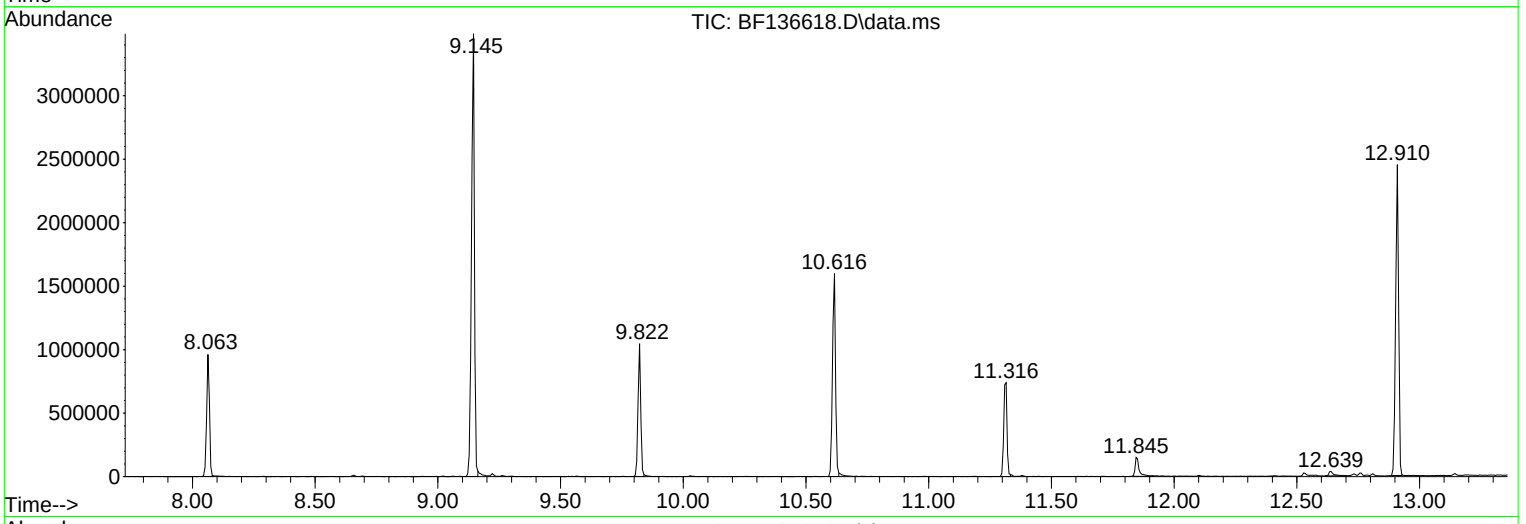
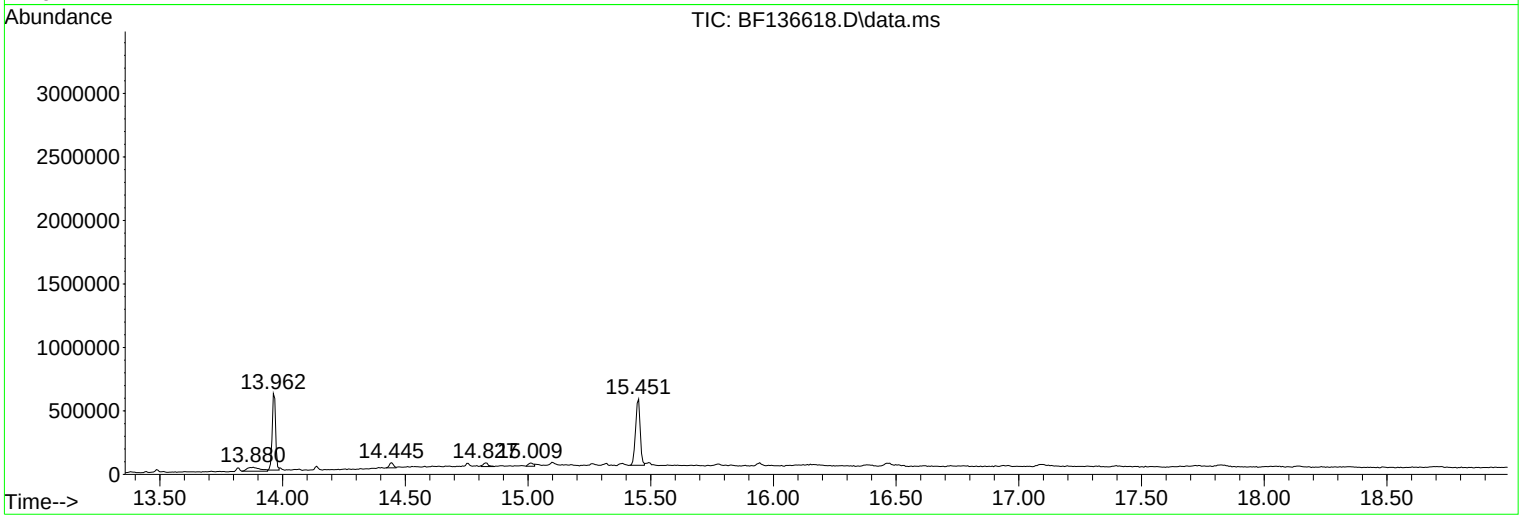
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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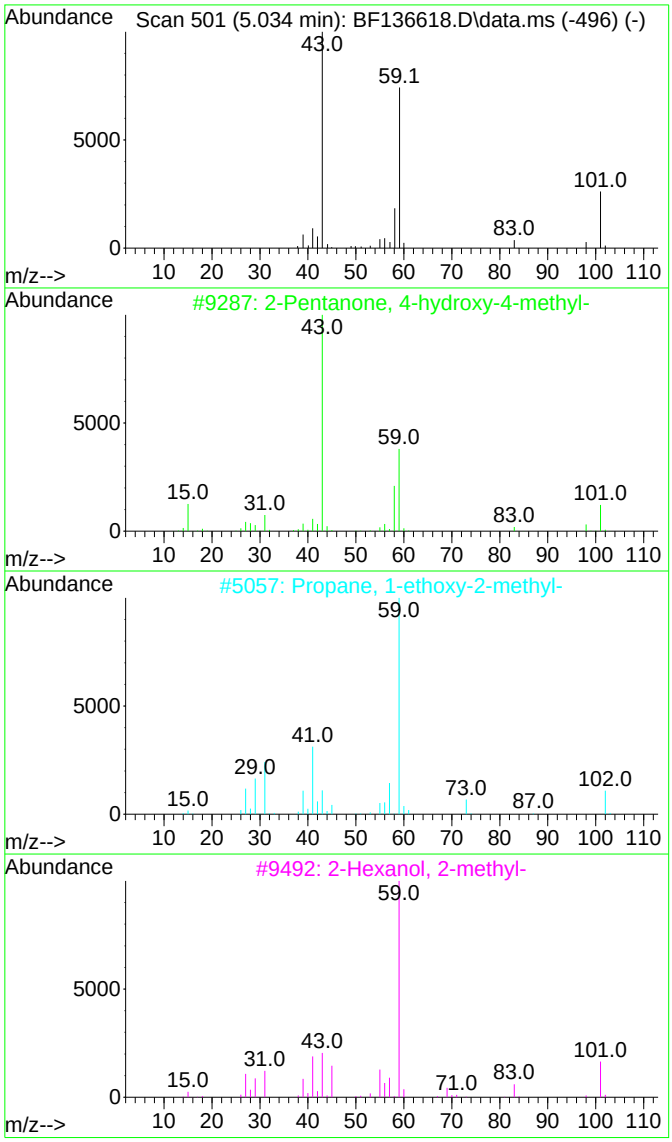
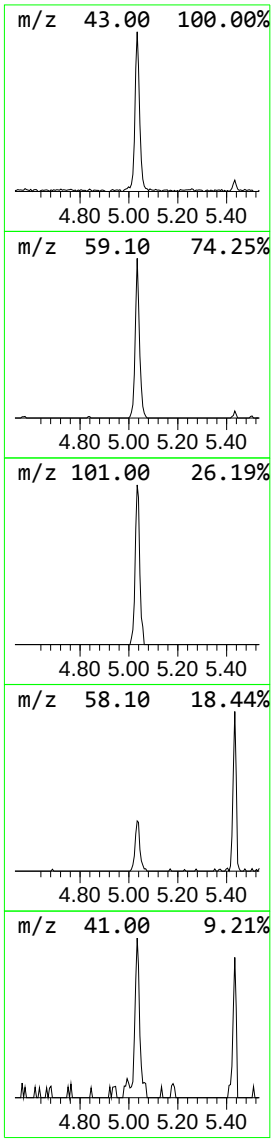
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	3.04 ng	89761	1,4-Dichlorobenzene-d4	6.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	47
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	36
4	3-Pentanol	88	C5H12O	000584-02-1	33
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	28





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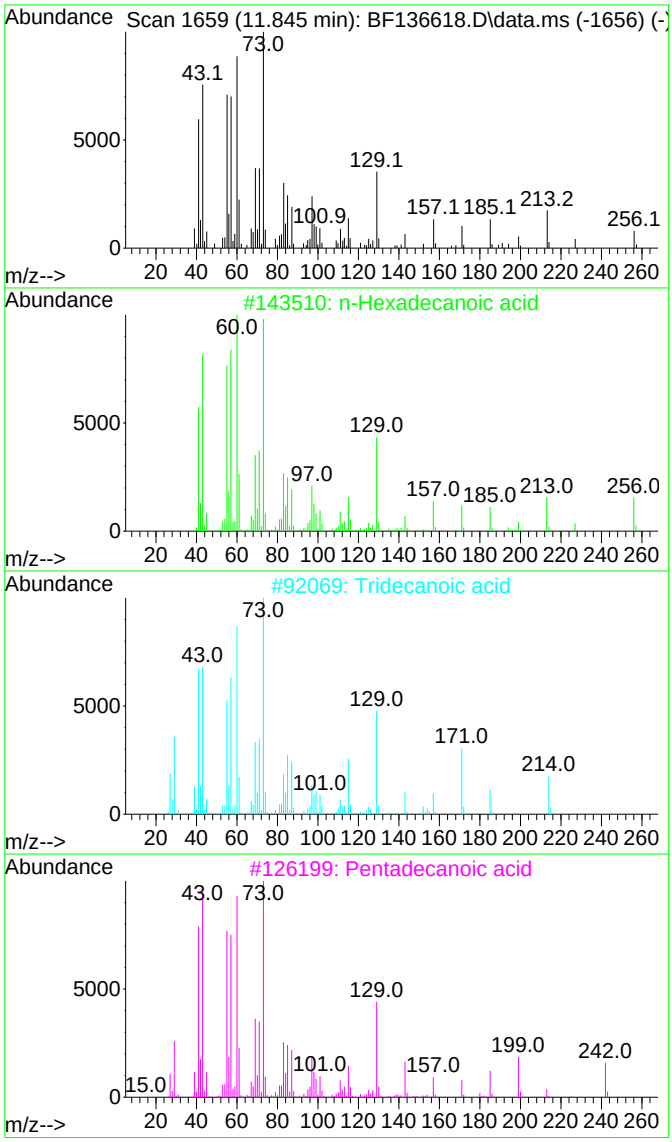
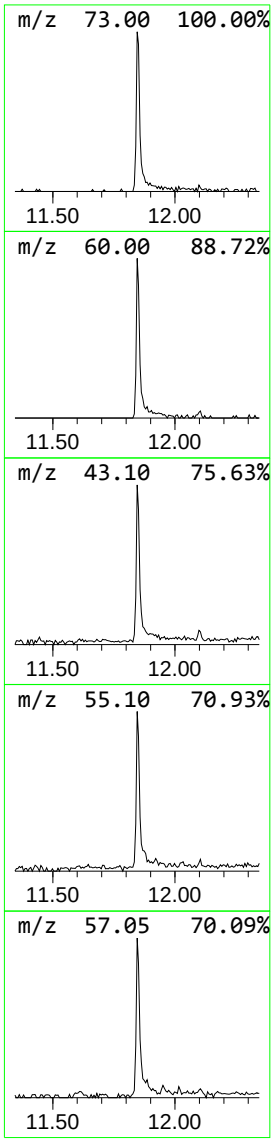
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	5.01 ng	171524	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68





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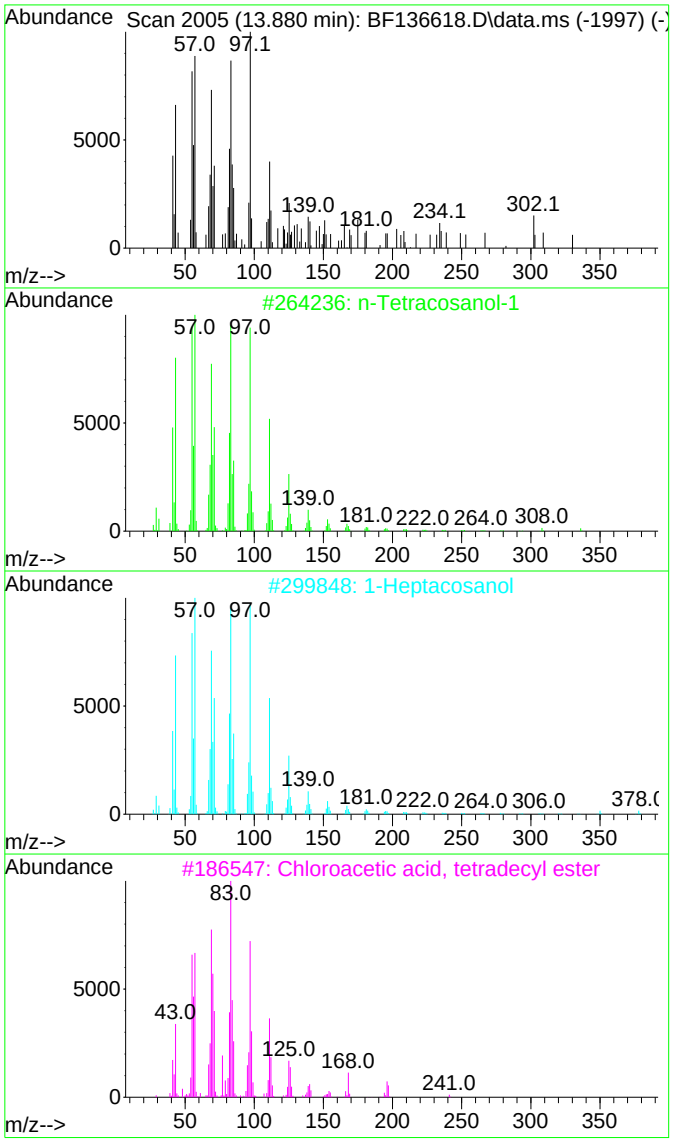
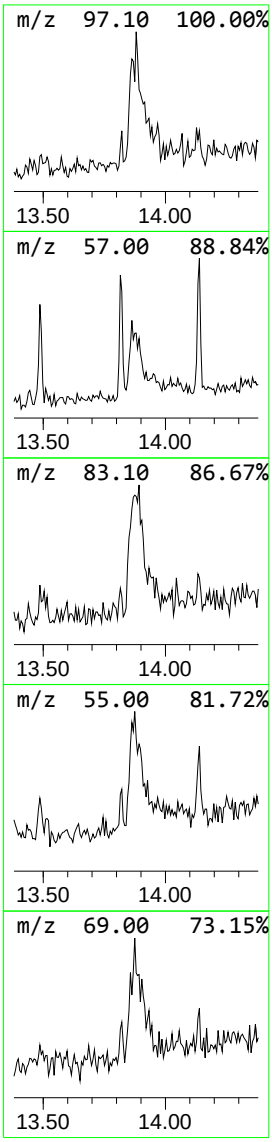
Peak Number 3 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	3.95 ng	116739	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
2	1-Heptacosanol	396	C27H56O	002004-39-9	87
3	Chloroacetic acid, tetradecyl ester	290	C16H31ClO2	018277-86-6	83
4	Behenic alcohol	326	C22H46O	000661-19-8	81
5	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	81





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-...	5.034	3.0	ng	89761	1	6.786	590281	20.0
n-Hexadecanoic ...	11.845	5.0	ng	171524	4	11.316	685404	20.0
n-Tetracosanol-1	13.880	4.0	ng	116739	5	13.963	591314	20.0