LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
Data File : BF136595.D
Acq On : 15 Dec 2023 16:25
Operator : CG\JU
Sample : 05758-37
Misc :
ALS Vial : 12 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: BF136595.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	14	18	26	rVB	18393	28914	1.29%	0.203%
2	5.028	495	500	508	rVB	62309	76491	3.40%	0.537%
3	5.434	564	569	572	rBV	2105569	1976806	87.86%	13.883%
4	6.434	734	739	742	rBV	2070311	1851452	82.29%	13.003%
5	6.787	795	799	802	rBV	649690	507388	22.55%	3.563%
6	7.345	889	894	897	rBV	1380905	1212978	53.91%	8.519%
7	8.063	1012	1016	1019	rBV	790912	609728	27.10%	4.282%
8	9.139	1195	1199	1202	rBV	2581640	2249920	100.00%	15.801%
9	9.816	1311	1314	1324	rVB	666950	594117	26.41%	4.172%
10	10.610	1445	1449	1458	rBV	1228815	1045979	46.49%	7.346%
11	11.310	1564	1568	1571	rBV	649918	522519	23.22%	3.670%
12	11.845	1655	1659	1668	rBV2	124085	130351	5.79%	0.915%
13	12.527	1771	1775	1779	rBV	24742	28944	1.29%	0.203%
14	12.633	1790	1793	1798	rBV	32665	37690	1.68%	0.265%
15	12.904	1835	1839	1843	rBV	2180741	1994145	88.63%	14.005%
16	13.863	1996	2002	2012	rVB9	27734	79524	3.53%	0.558%
17	13.963	2014	2019	2022	rBV	621498	601992	26.76%	4.228%
18	14.133	2045	2048	2052	rBV	28414	26200	1.16%	0.184%
19	14.439	2097	2100	2103	rVB2	35612	33170	1.47%	0.233%
20	14.821	2162	2165	2173	rVB3	20903	27016	1.20%	0.190%
21	15.092	2208	2211	2218	rVB4	20064	29753	1.32%	0.209%
22	15.439	2265	2270	2275	rBV	436630	548417	24.37%	3.851%
23	15.933	2350	2354	2360	rBV7	14688	25644	1.14%	0.180%

Sum of corrected areas: 14239138

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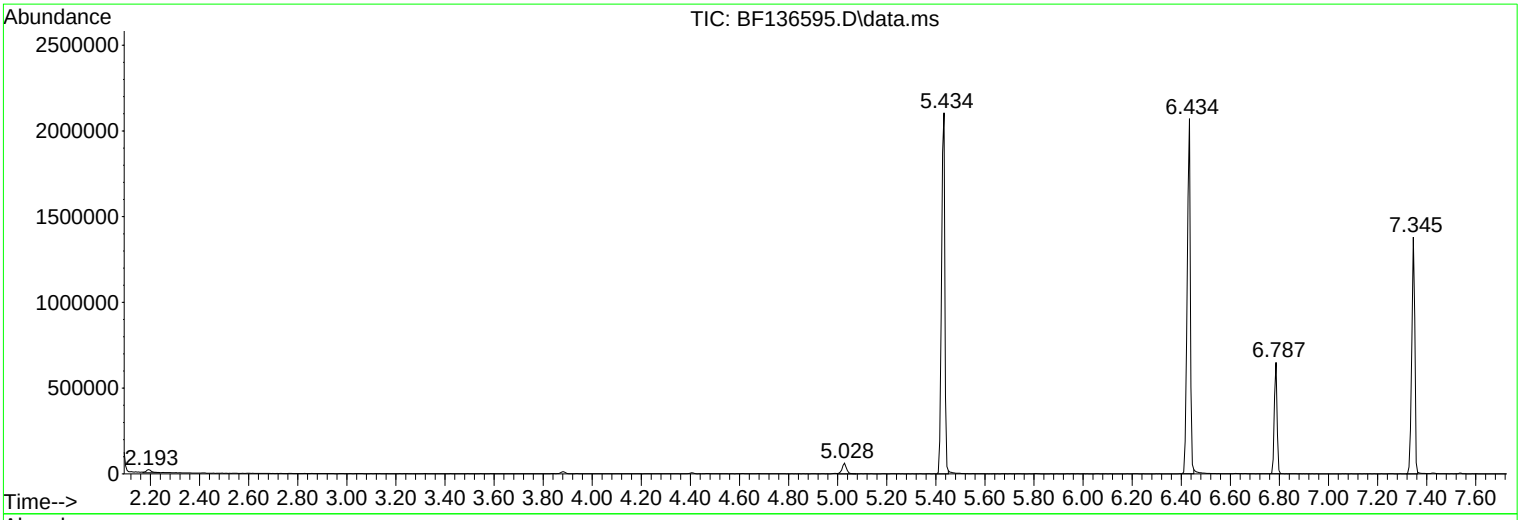
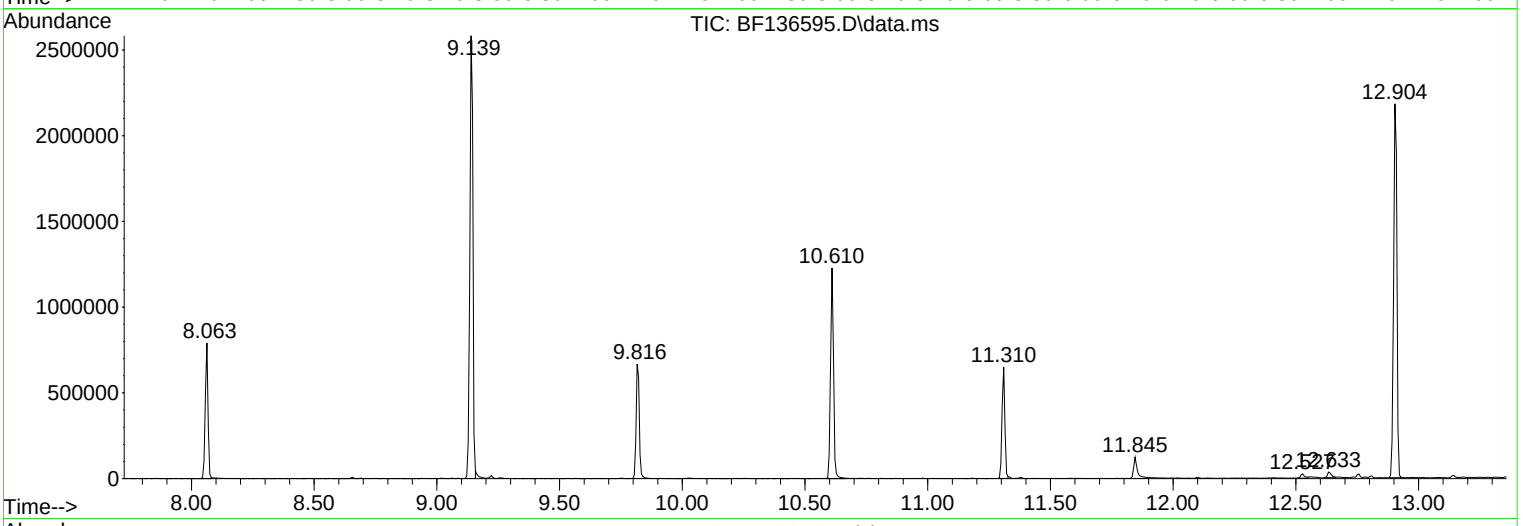
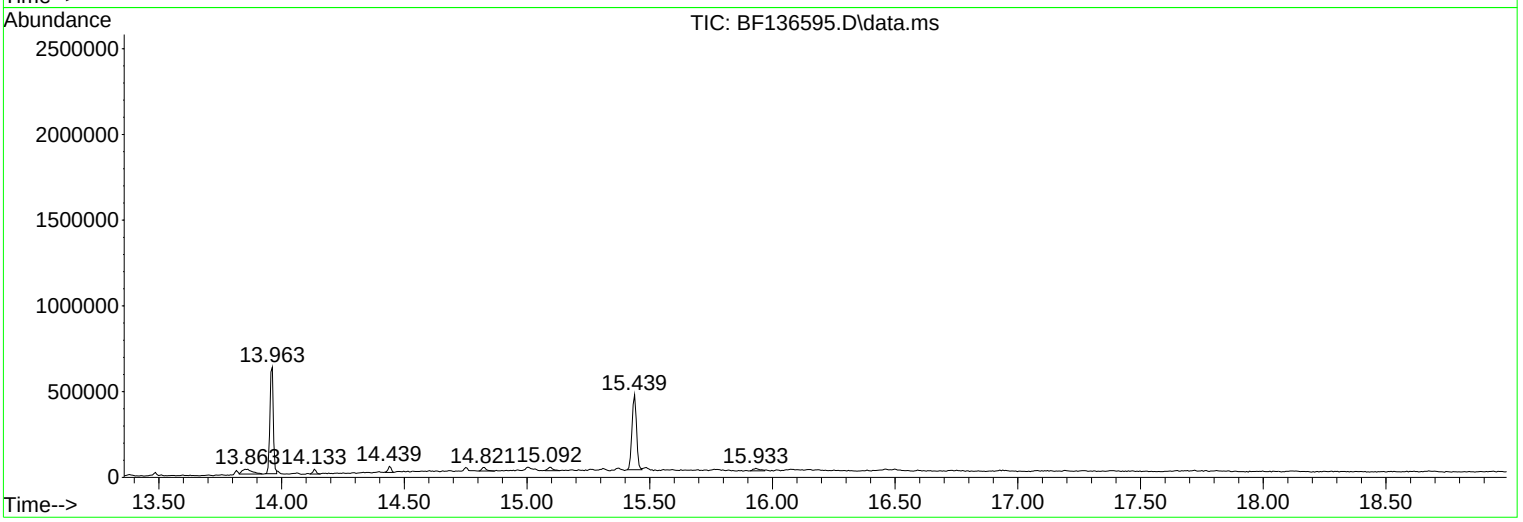
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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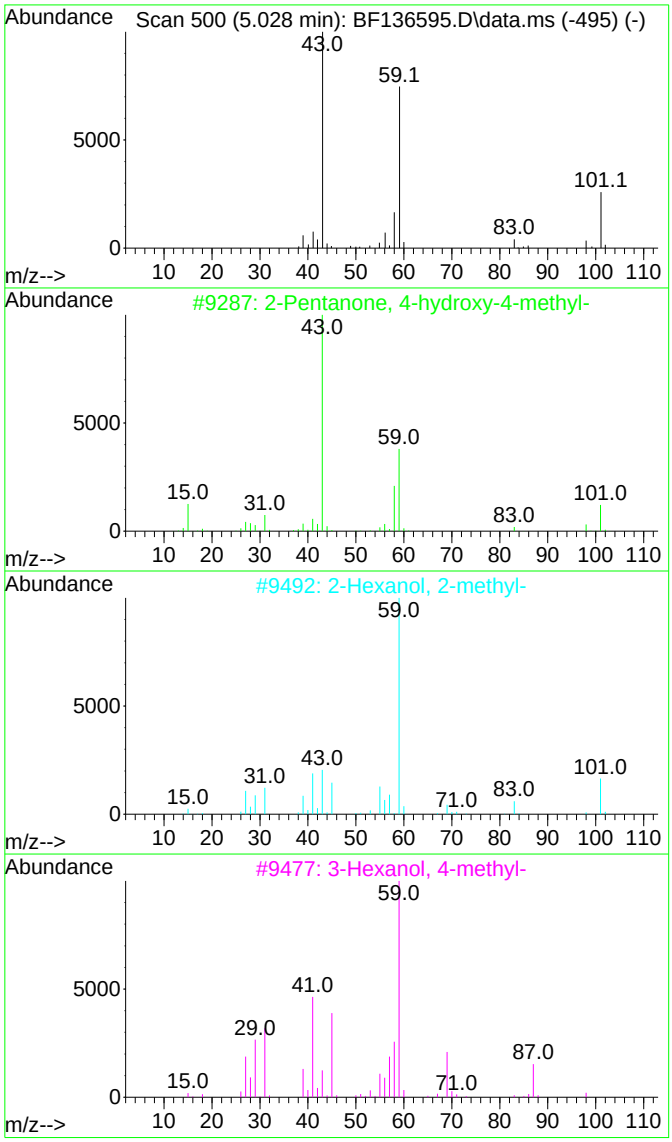
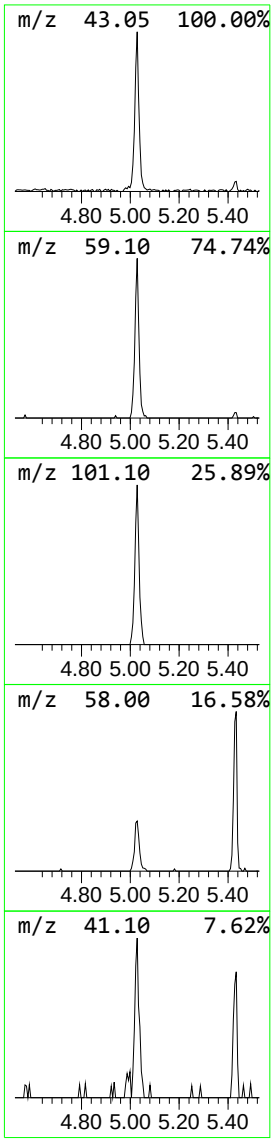
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.028	3.02 ng	76491	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	28
5	1,2-Butanediol	90	C4H10O2	000584-03-2	28





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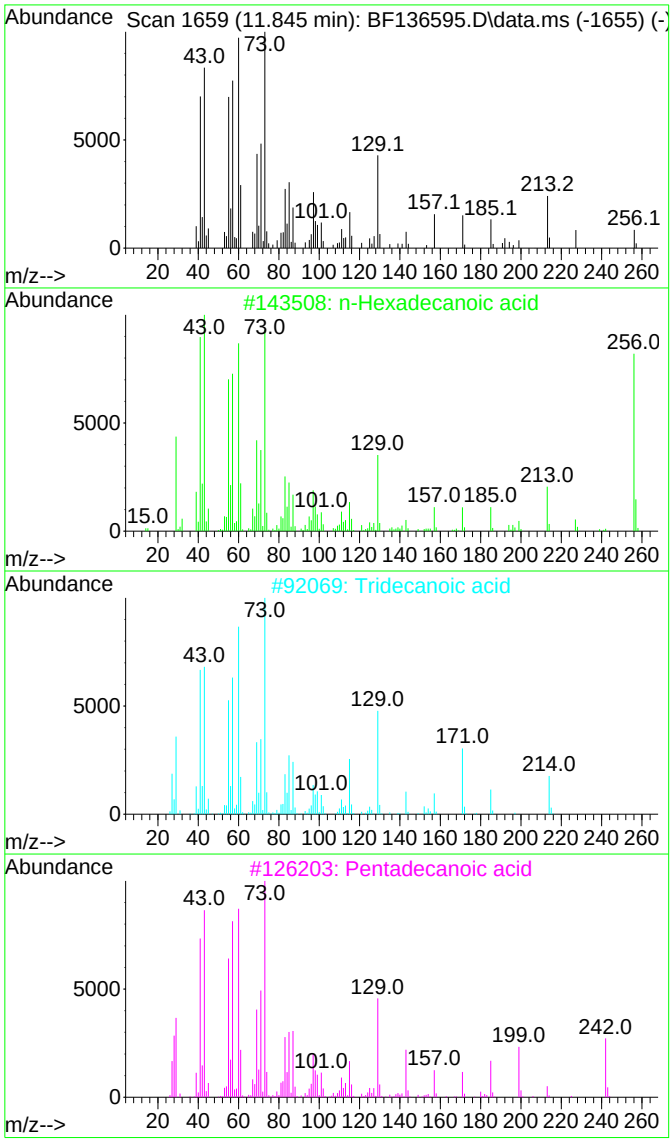
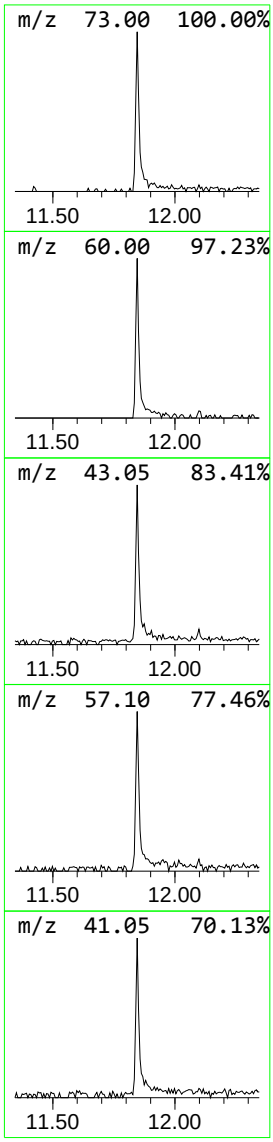
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	4.99 ng	130351	Phenanthrene-d10	11.310

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	49





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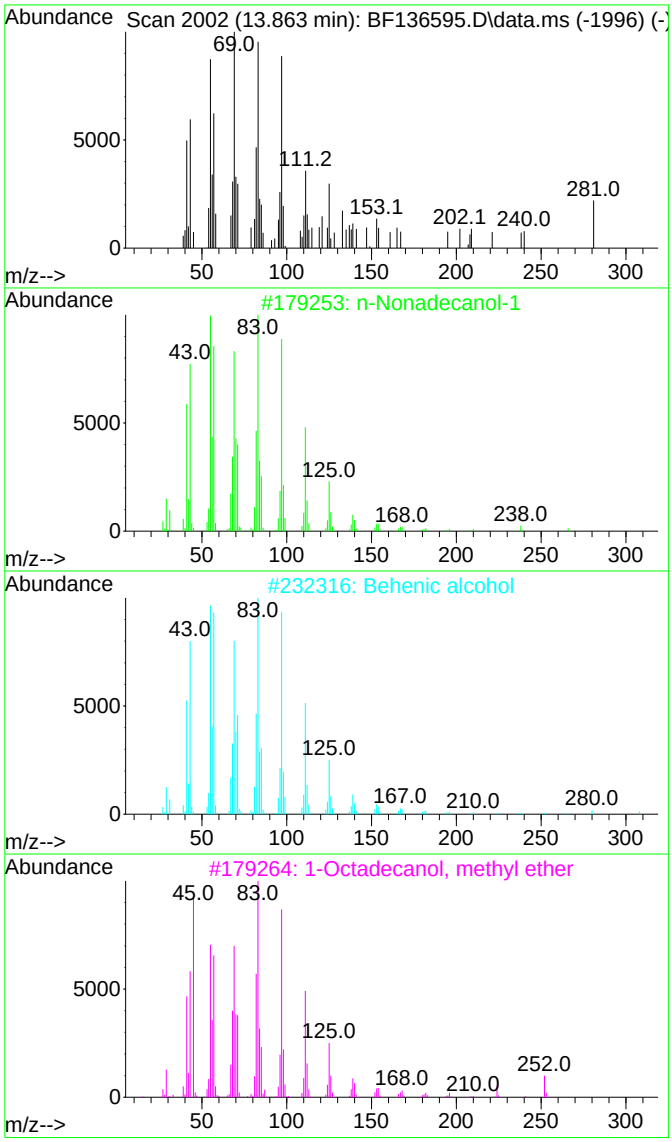
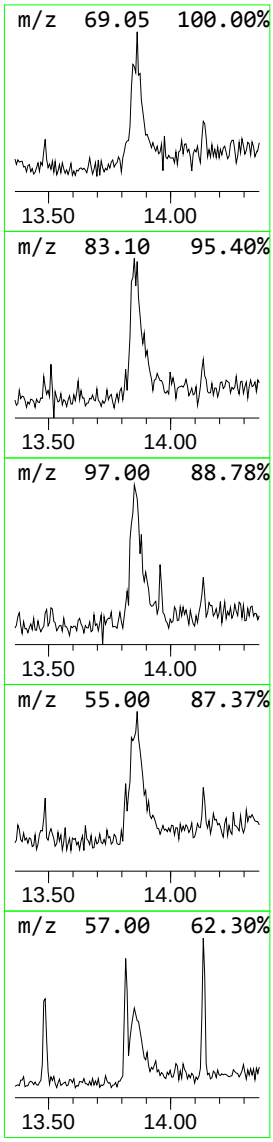
Peak Number 3 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	2.64 ng	79524	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	70
2	Behenic alcohol	326	C22H46O	000661-19-8	64
3	1-Octadecanol, methyl ether	284	C19H40O	1000406-29-3	58
4	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	53
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	53





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-...	5.028	3.0	ng	76491	1	6.787	507388	20.0
n-Hexadecanoic ...	11.845	5.0	ng	130351	4	11.310	522519	20.0
n-Nonadecanol-1	13.863	2.6	ng	79524	5	13.963	601992	20.0