LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136583.D
Acq On : 14 Dec 2023 22:59
Operator : CG\JU
Sample : 05790-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11995

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: BF136583.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	13	16	26	rVB3	22242	38079	1.45%	0.233%
2	5.028	496	500	506	rVB	40612	49700	1.89%	0.304%
3	5.434	564	569	572	rBV	2129100	2040000	77.60%	12.472%
4	6.434	734	739	742	rBV	2136833	1938444	73.74%	11.852%
5	6.787	795	799	802	rBV	808052	608434	23.15%	3.720%
6	7.345	889	894	897	rBV	1390971	1327336	50.49%	8.115%
7	8.063	1012	1016	1019	rBV	1038767	789671	30.04%	4.828%
8	9.139	1195	1199	1202	rBV	2961797	2628744	100.00%	16.072%
9	9.822	1311	1315	1318	rBV	891845	806626	30.68%	4.932%
10	10.610	1445	1449	1453	rBV	1389593	1243223	47.29%	7.601%
11	11.310	1564	1568	1571	rBV	899289	716263	27.25%	4.379%
12	11.845	1656	1659	1671	rBV	219835	204634	7.78%	1.251%
13	12.574	1777	1783	1790	rVB8	15535	34841	1.33%	0.213%
14	12.633	1790	1793	1802	rVB2	47789	54157	2.06%	0.331%
15	12.910	1835	1840	1843	rBV	2404491	2295716	87.33%	14.036%
16	13.845	1995	1999	2008	rBV4	57970	126860	4.83%	0.776%
17	13.963	2014	2019	2022	rBV	672338	649184	24.70%	3.969%
18	14.439	2096	2100	2105	rBV2	37100	40252	1.53%	0.246%
19	14.827	2162	2166	2172	rVB2	44463	50155	1.91%	0.307%
20	15.263	2237	2240	2244	rVB4	23921	31451	1.20%	0.192%
21	15.439	2265	2270	2275	rVB	585012	682228	25.95%	4.171%

Sum of corrected areas: 16355998

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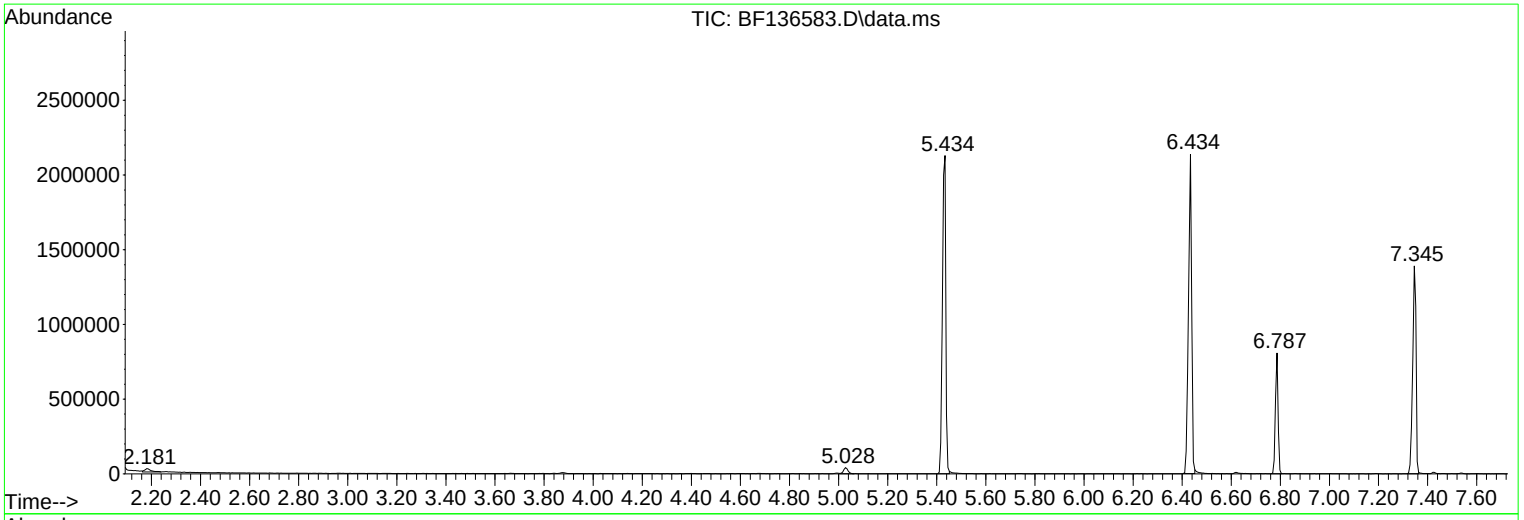
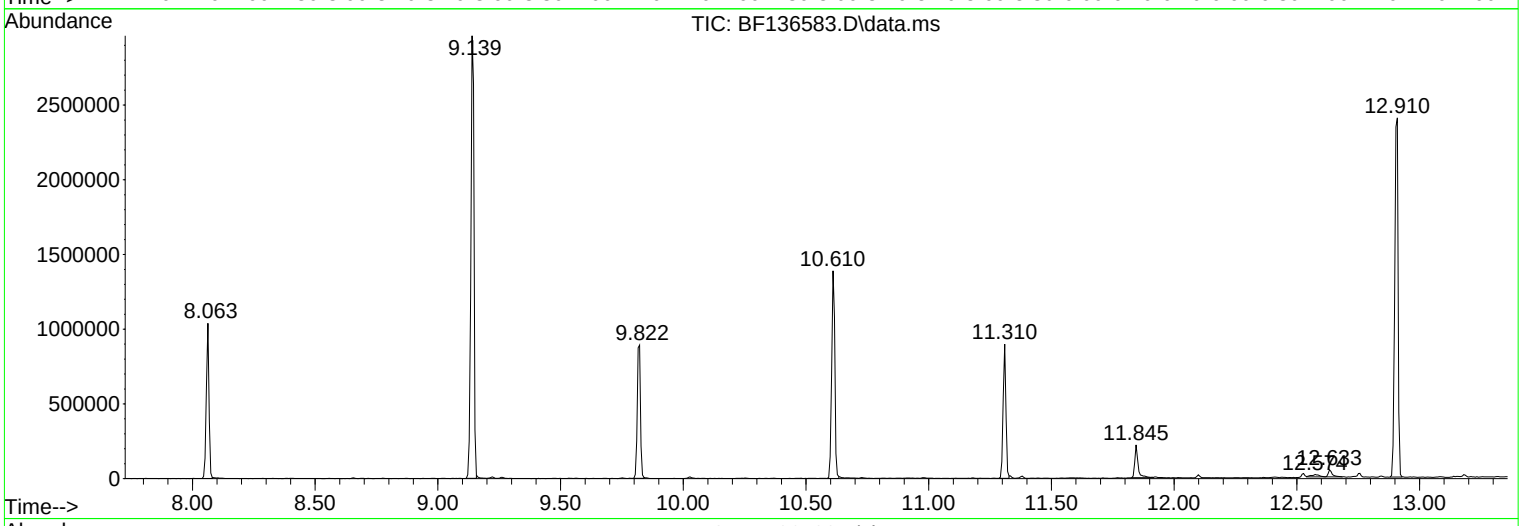
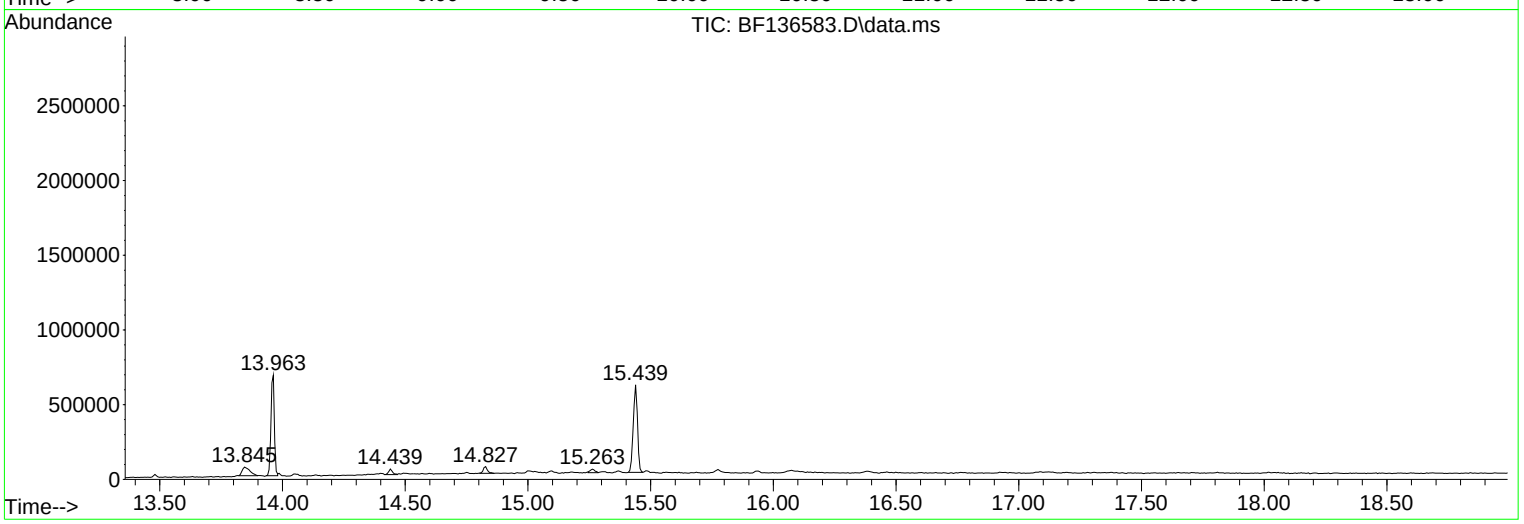
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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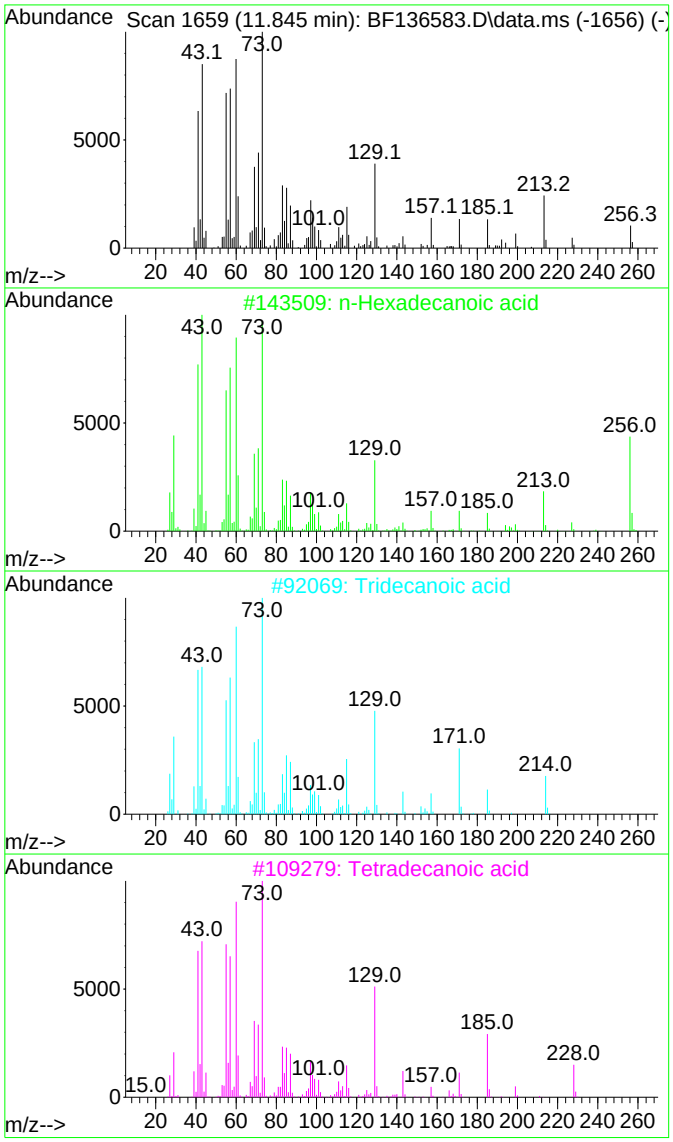
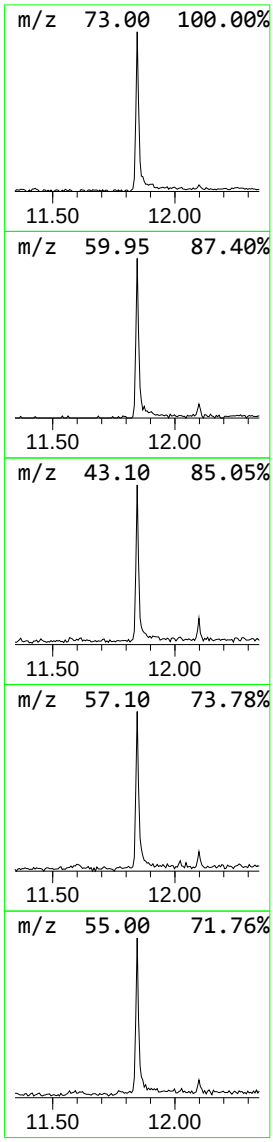
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	5.71 ng	204634	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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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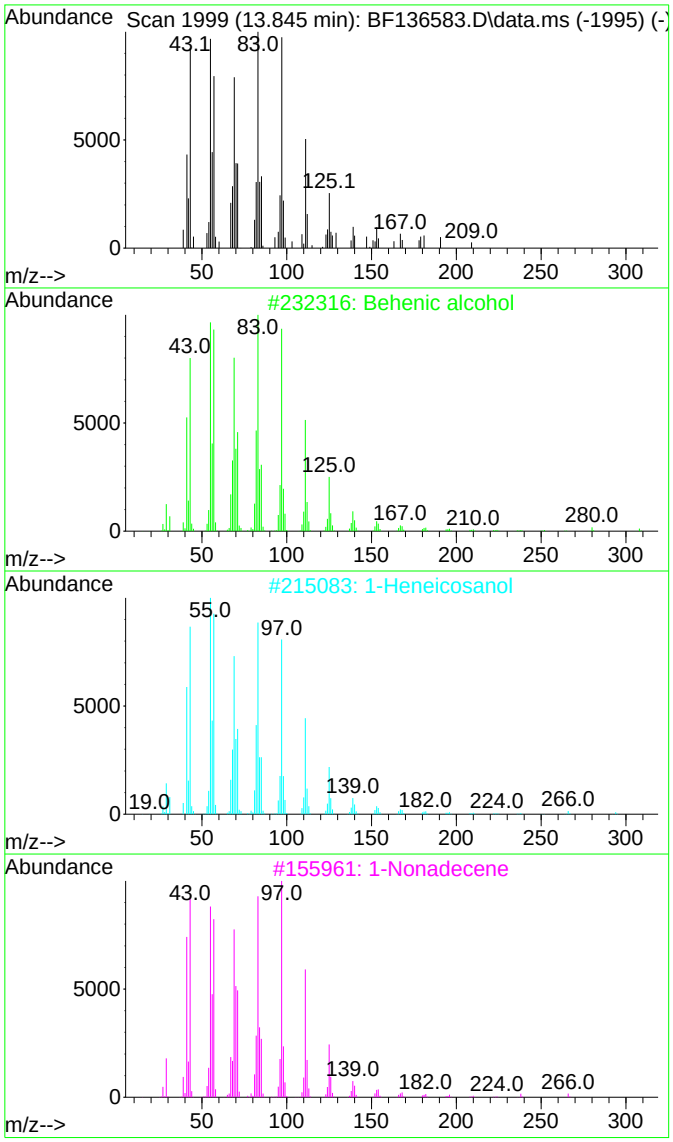
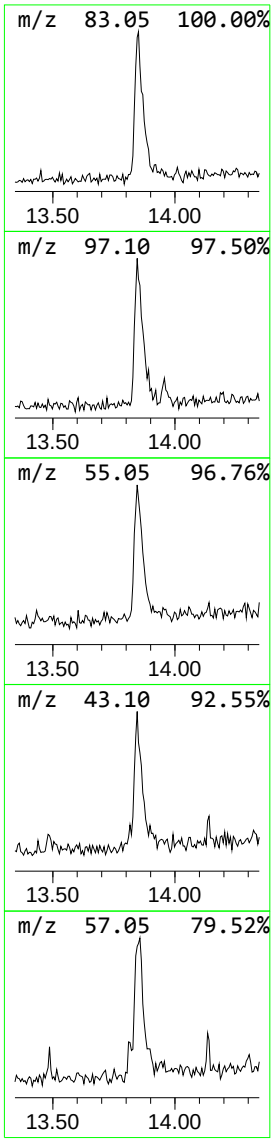
Peak Number 2 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	3.91 ng	126860	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Hexacosene	364	C26H52	018835-33-1	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





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
n-Hexadecanoic ...	11.845	5.7	ng	204634	4	11.310	716263	20.0
Behenic alcohol	13.845	3.9	ng	126860	5	13.963	649184	20.0