LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130323.D
Acq On : 19 Sep 2022 16:25
Operator : CG\JU
Sample : N4695-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INCINERATOR-ASH

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130323.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.857	467	471	476	rBV	32782	40079	1.49%	0.237%
2	5.263	535	540	543	rBV	2268756	2181617	81.18%	12.895%
3	6.298	710	716	719	rBV	2047111	2171076	80.78%	12.832%
4	6.657	774	777	781	rVB	708088	581008	21.62%	3.434%
5	7.228	868	874	876	rBV	1415556	1427352	53.11%	8.436%
6	7.939	991	995	998	rBV	955567	761496	28.33%	4.501%
7	9.016	1173	1178	1181	rBV	3128406	2687516	100.00%	15.885%
8	9.686	1288	1292	1296	rBV	1023570	818981	30.47%	4.841%
9	10.475	1421	1426	1429	rBV	1889249	1632964	60.76%	9.652%
10	11.169	1540	1544	1547	rBV	790504	713064	26.53%	4.215%
11	11.204	1547	1550	1553	rVV	51485	43878	1.63%	0.259%
12	11.392	1579	1582	1587	rBV	32600	34044	1.27%	0.201%
13	11.569	1609	1612	1616	rVB	74060	64943	2.42%	0.384%
14	11.704	1631	1635	1638	rBV	99447	91444	3.40%	0.540%
15	12.275	1724	1732	1735	rBV	85696	78515	2.92%	0.464%
16	12.363	1743	1747	1751	rBV	59137	54743	2.04%	0.324%
17	12.586	1781	1785	1791	rBV	34547	46166	1.72%	0.273%
18	12.751	1808	1813	1817	rBV	2111070	1906399	70.94%	11.268%
19	13.227	1888	1894	1901	rBV	60523	72148	2.68%	0.426%
20	13.792	1973	1990	1993	rBV	602091	775831	28.87%	4.586%
21	13.816	1993	1994	2004	rVB	89107	79523	2.96%	0.470%
22	14.398	2090	2093	2097	rBV	50638	52350	1.95%	0.309%
23	14.792	2155	2160	2162	rBV	37350	49324	1.84%	0.292%
24	14.816	2162	2164	2167	rVB	40249	35608	1.32%	0.210%
25	15.180	2221	2226	2231	rBV	469011	518879	19.31%	3.067%

Sum of corrected areas: 16918948

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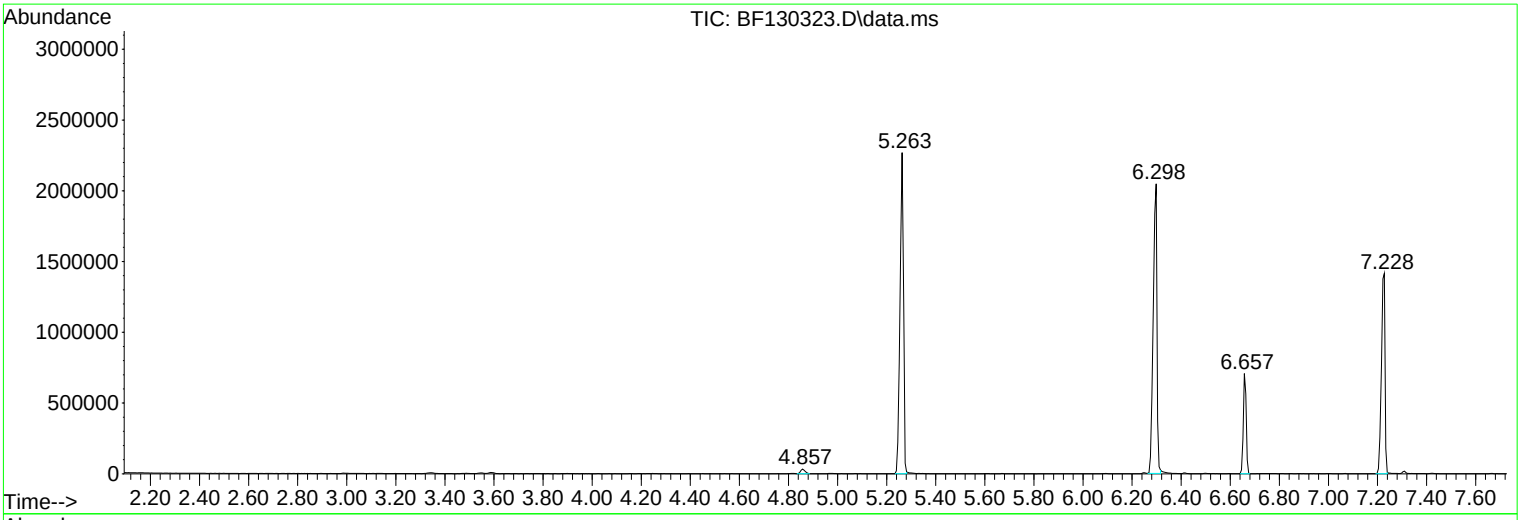
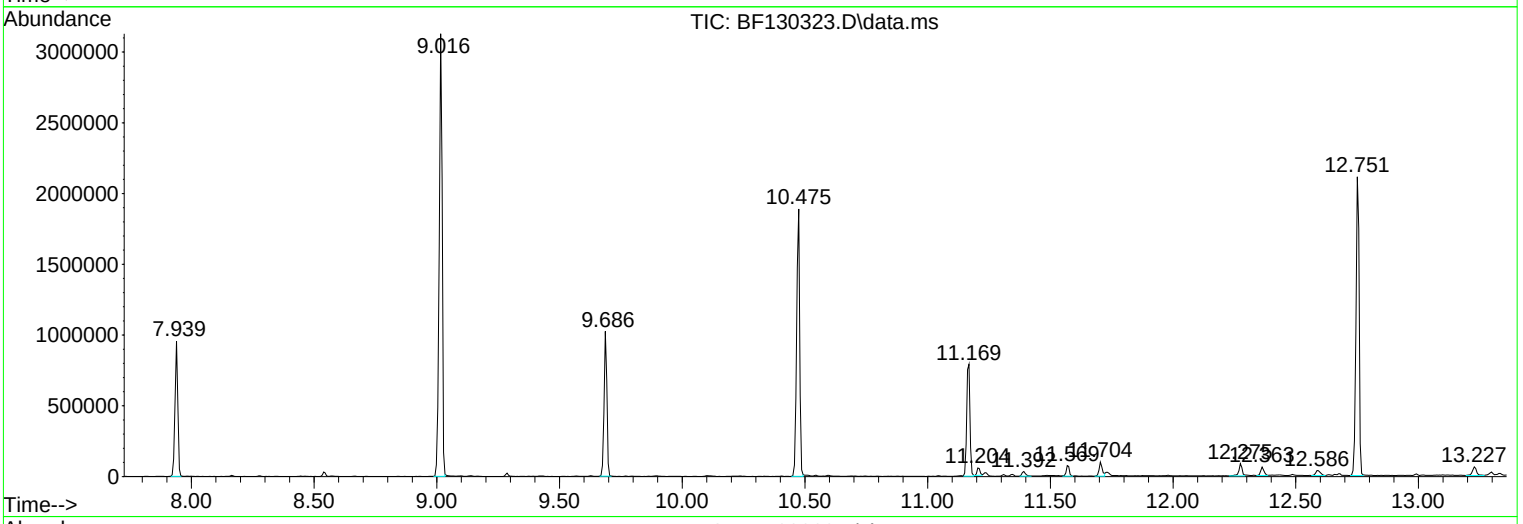
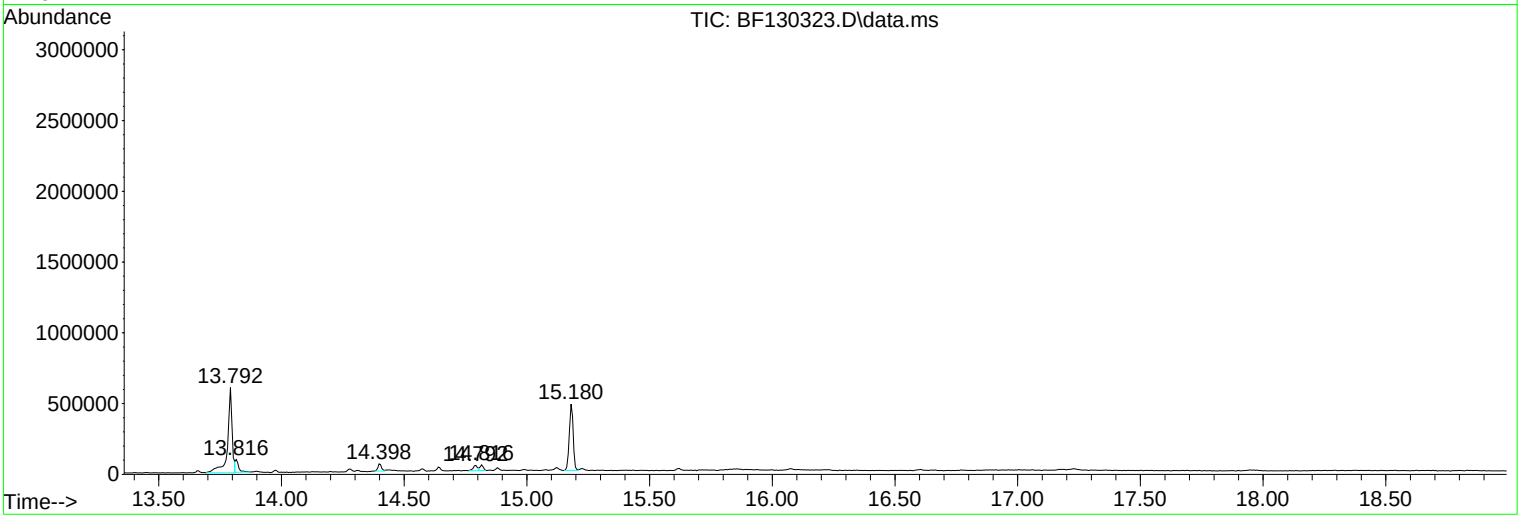
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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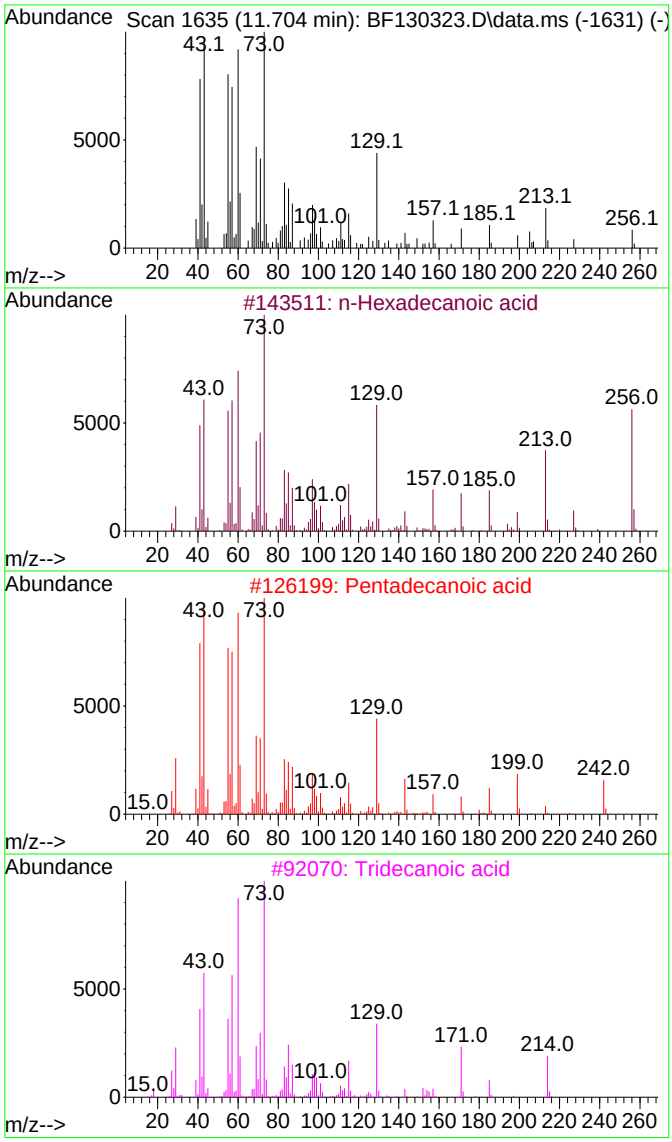
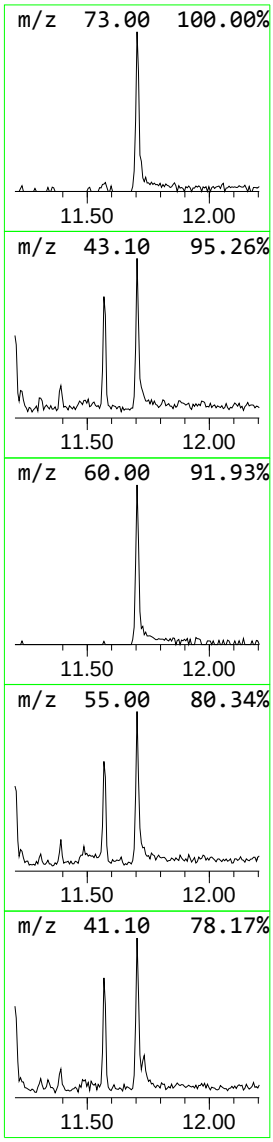
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	2.56 ng	91444	Phenanthrene-d10	11.169

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Undecanoic acid	186	C11H22O2	000112-37-8	74
5	Nonanoic acid	158	C9H18O2	000112-05-0	43





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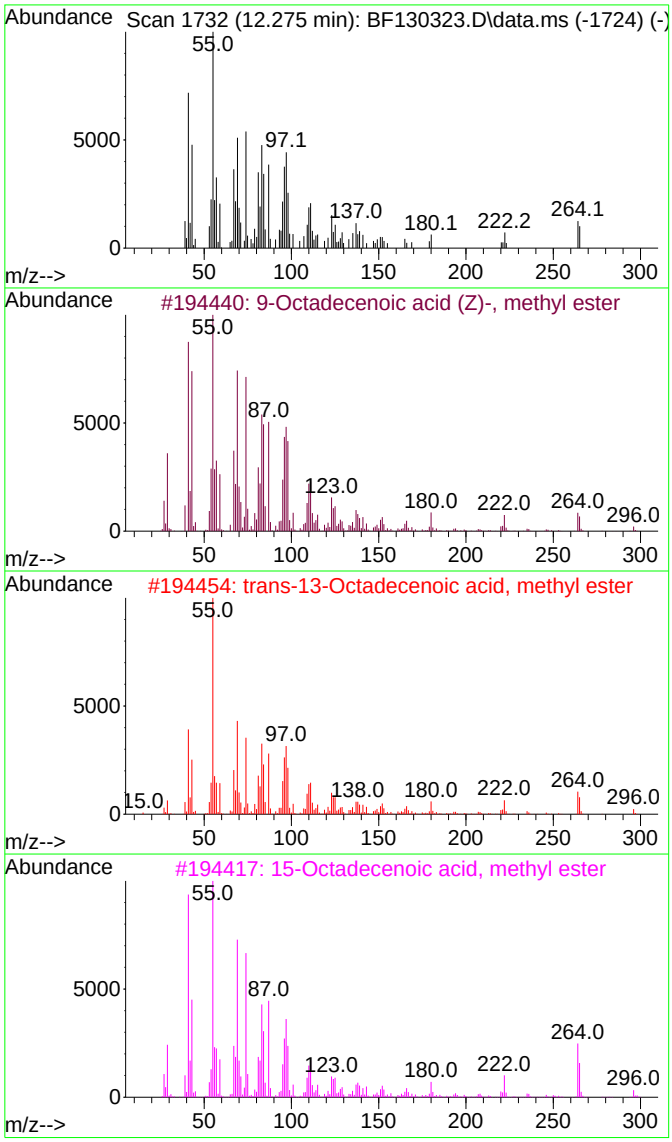
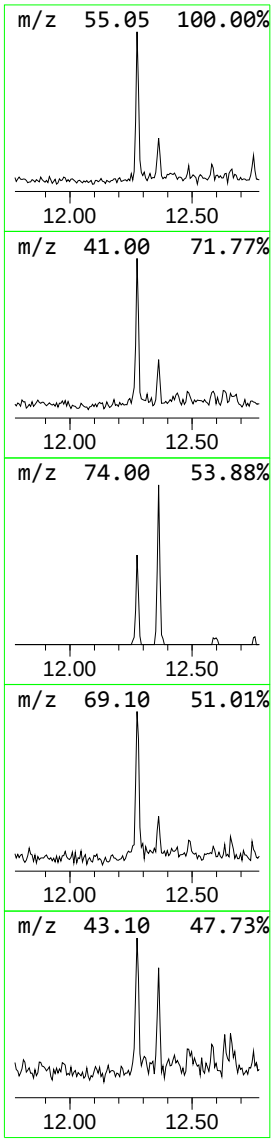
Peak Number 2 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.275	2.20 ng	78515	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
2	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	90
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	90
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	87





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.704	2.6	ng	91444	4	11.169	713064	20.0
9-Octadecenoic ...	12.275	2.2	ng	78515	4	11.169	713064	20.0