LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
Data File : BF130044.D
Acq On : 29 Aug 2022 20:32
Operator : CG\JU
Sample : N4355-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-44

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130044.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.910	443	446	472	rBV	267185	379772	6.98%	1.464%
2	5.345	516	520	544	rBV	1645005	2082150	38.26%	8.029%
3	5.716	580	583	591	rBV	80810	76401	1.40%	0.295%
4	6.369	691	694	710	rBV	1282267	1341801	24.66%	5.174%
5	6.698	747	750	760	rBV	937307	816116	15.00%	3.147%
6	7.275	843	848	851	rBV	2879369	2872736	52.79%	11.077%
7	7.980	964	968	971	rBV	1275274	1213206	22.29%	4.678%
8	8.004	971	972	979	rVB	408231	256321	4.71%	0.988%
9	9.057	1146	1151	1154	rBV	5487806	5442177	100.00%	20.985%
10	9.733	1262	1266	1270	rBV	1567395	1250925	22.99%	4.824%
11	9.769	1270	1272	1276	rVB	75679	58310	1.07%	0.225%
12	10.533	1398	1402	1405	rBV	3736886	3304695	60.72%	12.743%
13	11.221	1516	1519	1522	rBV	1360740	1161849	21.35%	4.480%
14	11.751	1606	1609	1616	rBV2	134501	163204	3.00%	0.629%
15	12.533	1739	1742	1749	rBV	57637	81483	1.50%	0.314%
16	12.810	1784	1789	1792	rBV	4476586	3880817	71.31%	14.964%
17	13.727	1941	1945	1957	rBV3	82188	146682	2.70%	0.566%
18	13.868	1966	1969	1975	rBV	743496	654645	12.03%	2.524%
19	15.298	2208	2212	2220	rVB	644315	750379	13.79%	2.893%

Sum of corrected areas: 25933669

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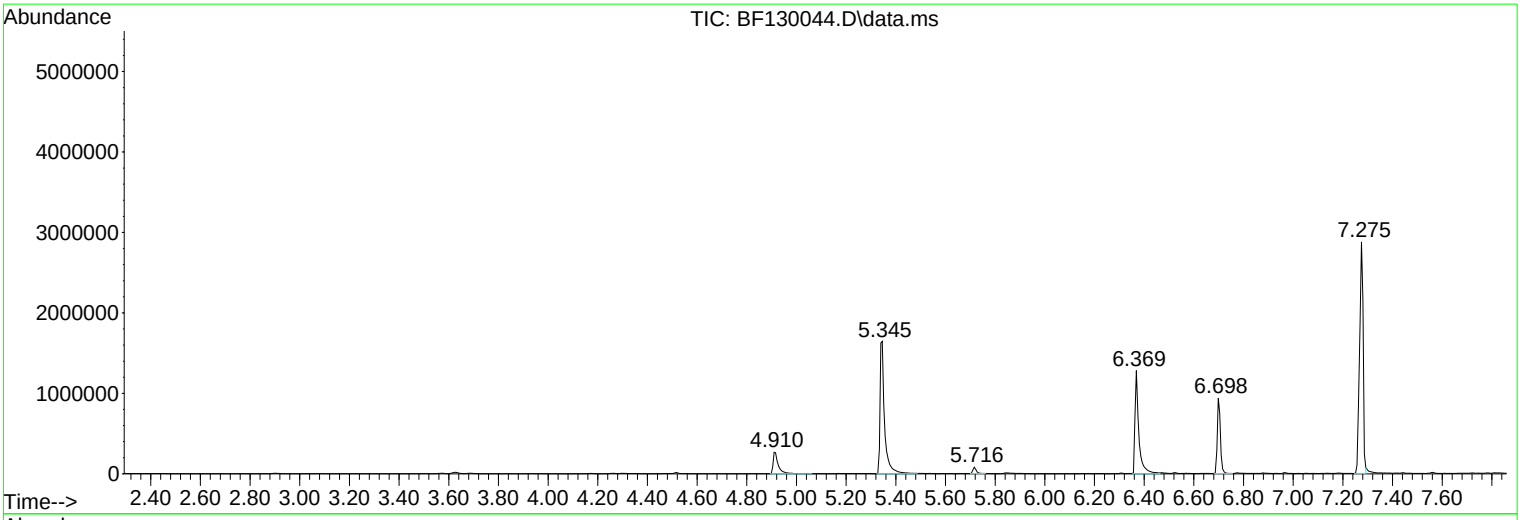
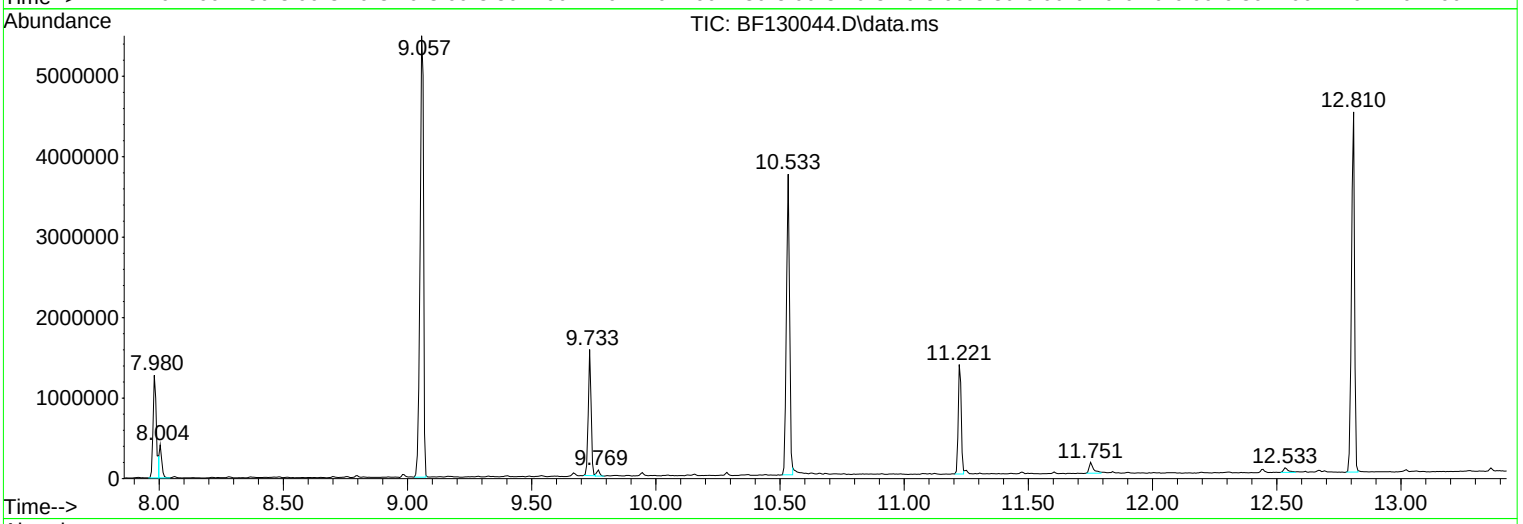
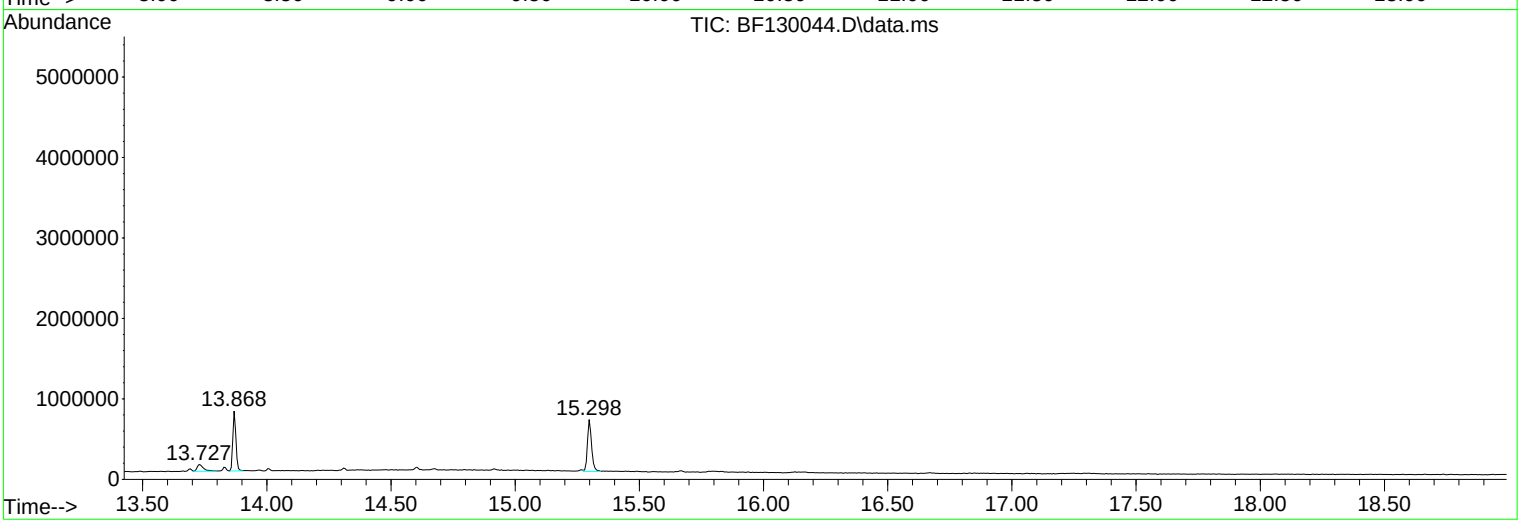
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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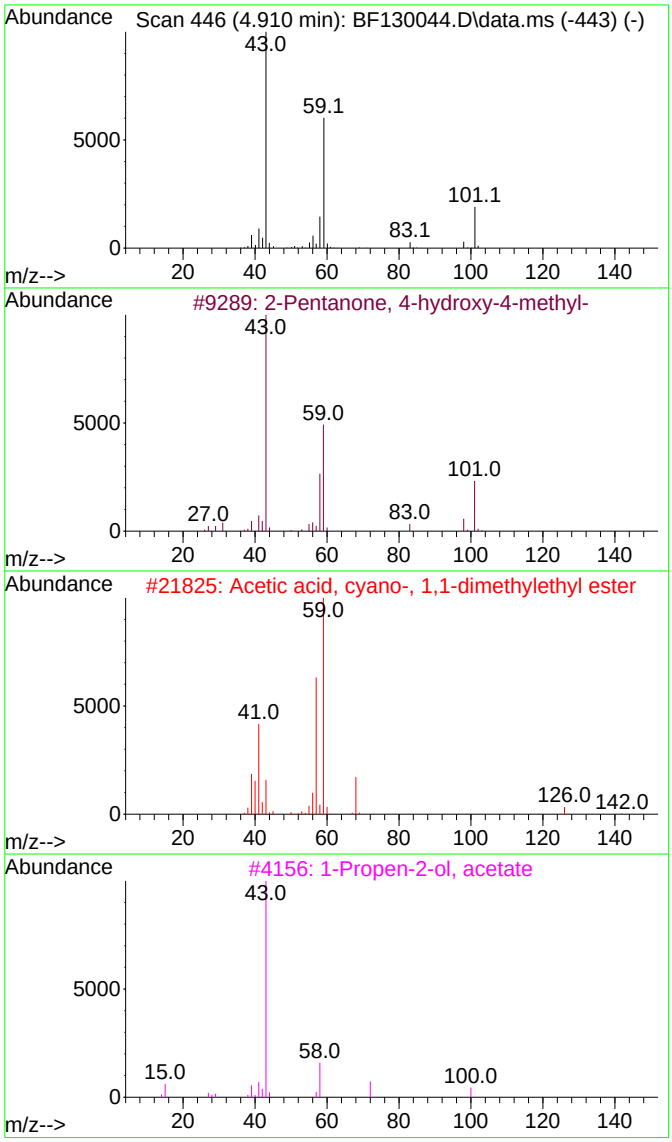
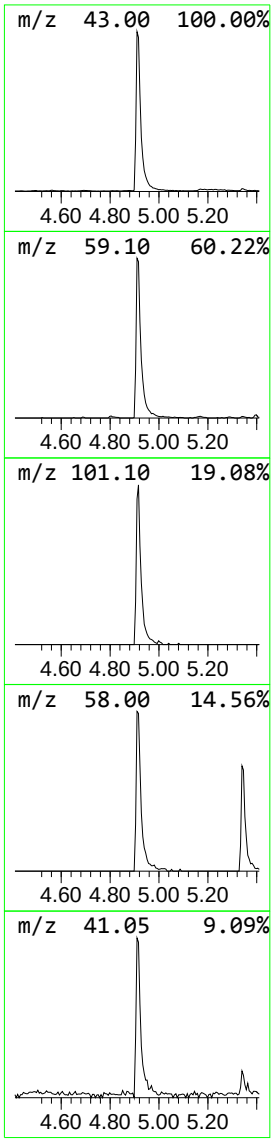
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.910	9.31 ng	379772	1,4-Dichlorobenzene-d4	6.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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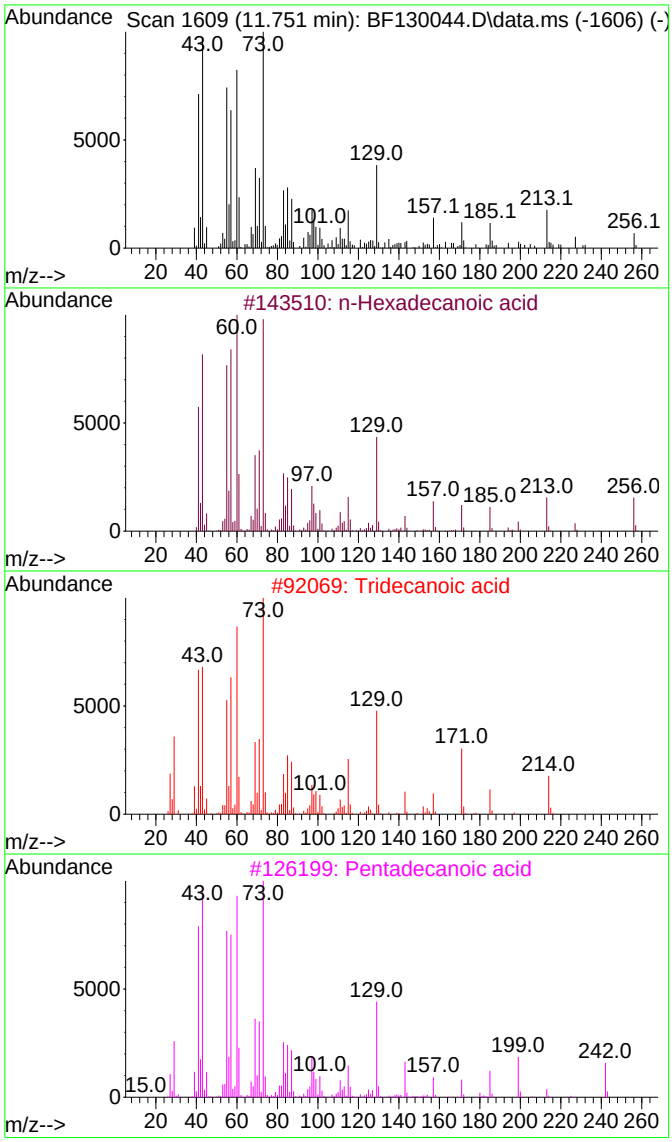
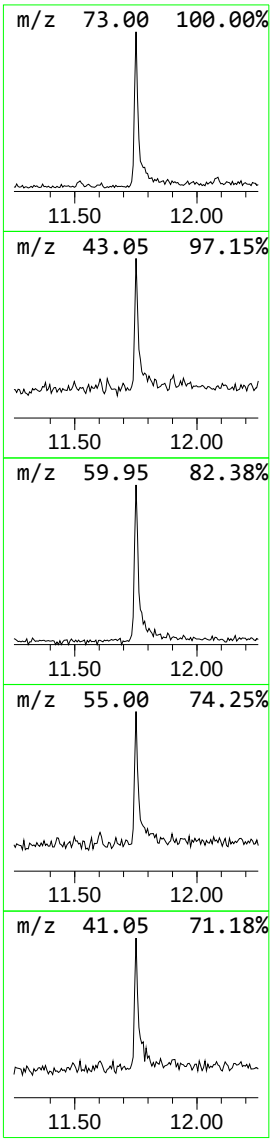
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	2.81 ng	163204	Phenanthrene-d10	11.221

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Undecanoic acid	186	C11H22O2	000112-37-8	46





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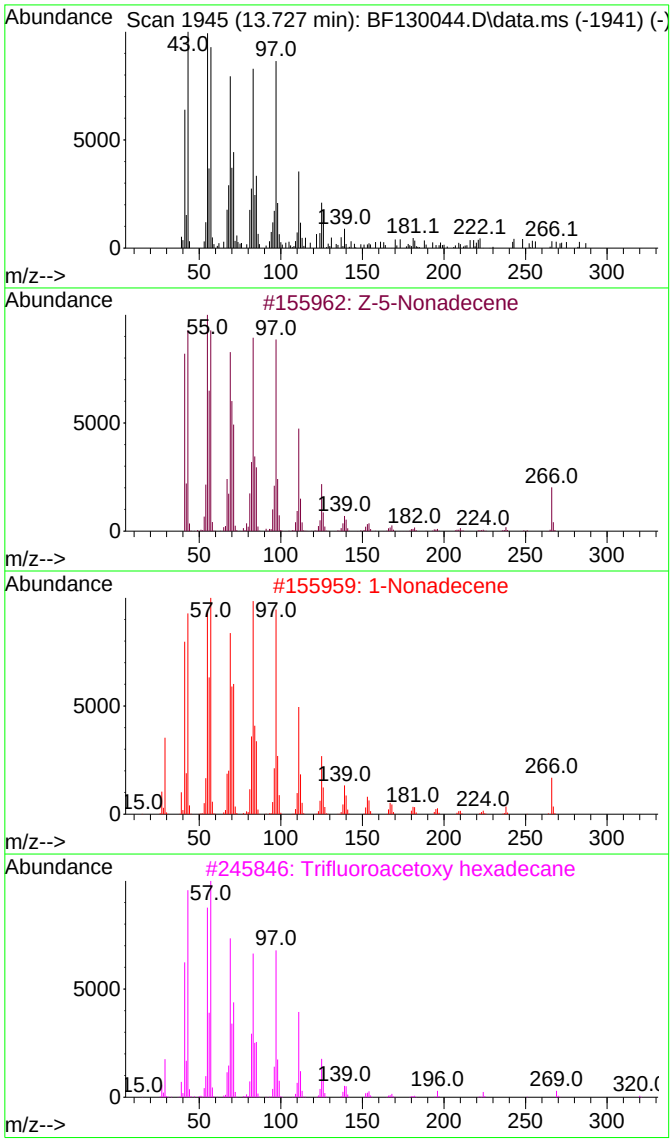
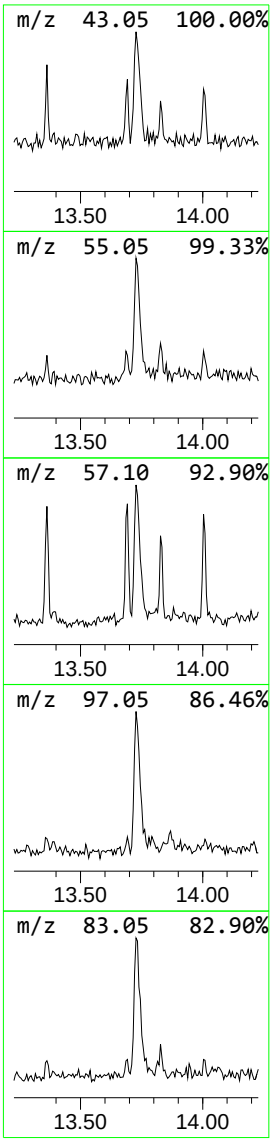
Peak Number 3 Z-5-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	4.48 ng	146682	Chrysene-d12	13.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	98
2	1-Nonadecene	266	C19H38	018435-45-5	96
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	9-Nonadecene	266	C19H38	031035-07-1	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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-...	4.910	9.3	ng	379772	1	6.698	816116	20.0
n-Hexadecanoic ...	11.751	2.8	ng	163204	4	11.221	1161850	20.0
Z-5-Nonadecene	13.727	4.5	ng	146682	5	13.868	654645	20.0