LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134529.D
Acq On : 28 Jul 2023 22:55
Operator : CG\JU
Sample : 03645-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP

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-BF072423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134529.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.151	3	11	25	rVB	238851	336876	13.14%	2.269%
2	5.481	573	577	600	rBV	2390456	2364446	92.24%	15.922%
3	6.475	742	746	768	rBV	2091133	2351294	91.73%	15.834%
4	6.828	803	806	816	rBV	590759	544440	21.24%	3.666%
5	7.398	898	903	906	rBV	1455485	1417990	55.32%	9.549%
6	8.110	1020	1024	1032	rBV	748466	683158	26.65%	4.600%
7	9.186	1201	1207	1210	rBV	3195516	2563366	100.00%	17.262%
8	9.580	1271	1274	1279	rBV	92002	71277	2.78%	0.480%
9	9.863	1319	1322	1326	rBV	759738	666442	26.00%	4.488%
10	10.663	1454	1458	1469	rBV	1533543	1374772	53.63%	9.258%
11	11.357	1573	1576	1580	rBV	646654	586116	22.87%	3.947%
12	11.886	1663	1666	1680	rBV2	98490	121575	4.74%	0.819%
13	12.951	1843	1847	1851	rBV	1327714	1204068	46.97%	8.108%
14	13.857	1998	2001	2010	rBV5	26016	60790	2.37%	0.409%
15	14.015	2025	2028	2034	rVB	283344	271861	10.61%	1.831%
16	15.515	2279	2283	2289	rBV	171827	231649	9.04%	1.560%

Sum of corrected areas: 14850120

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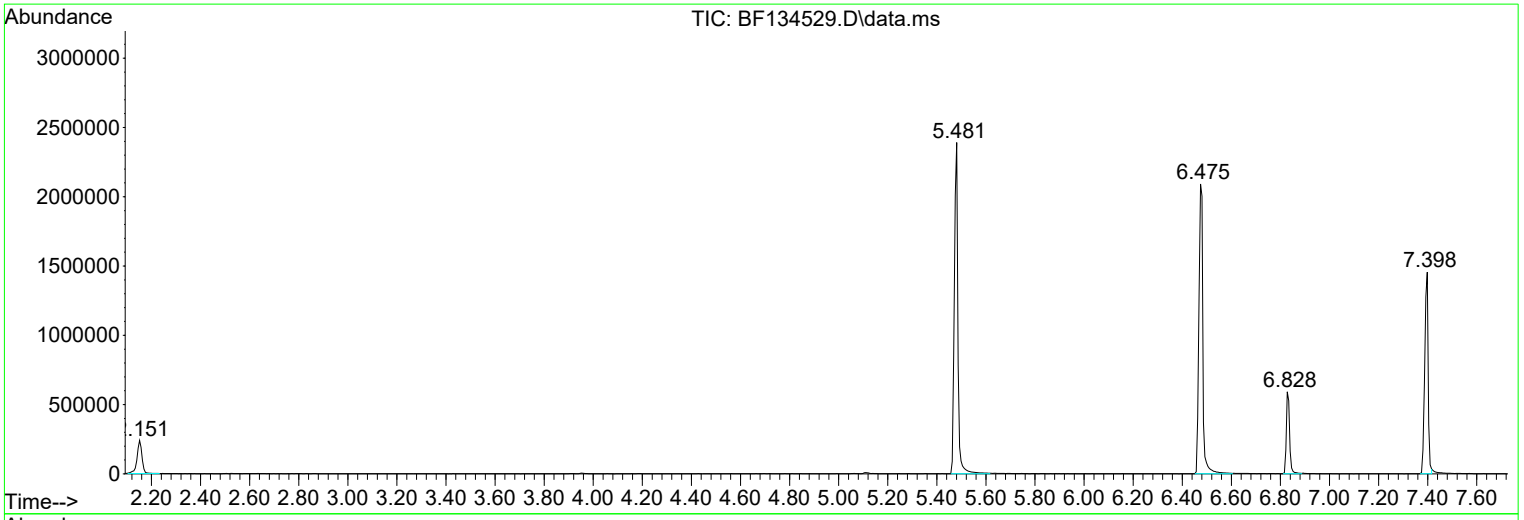
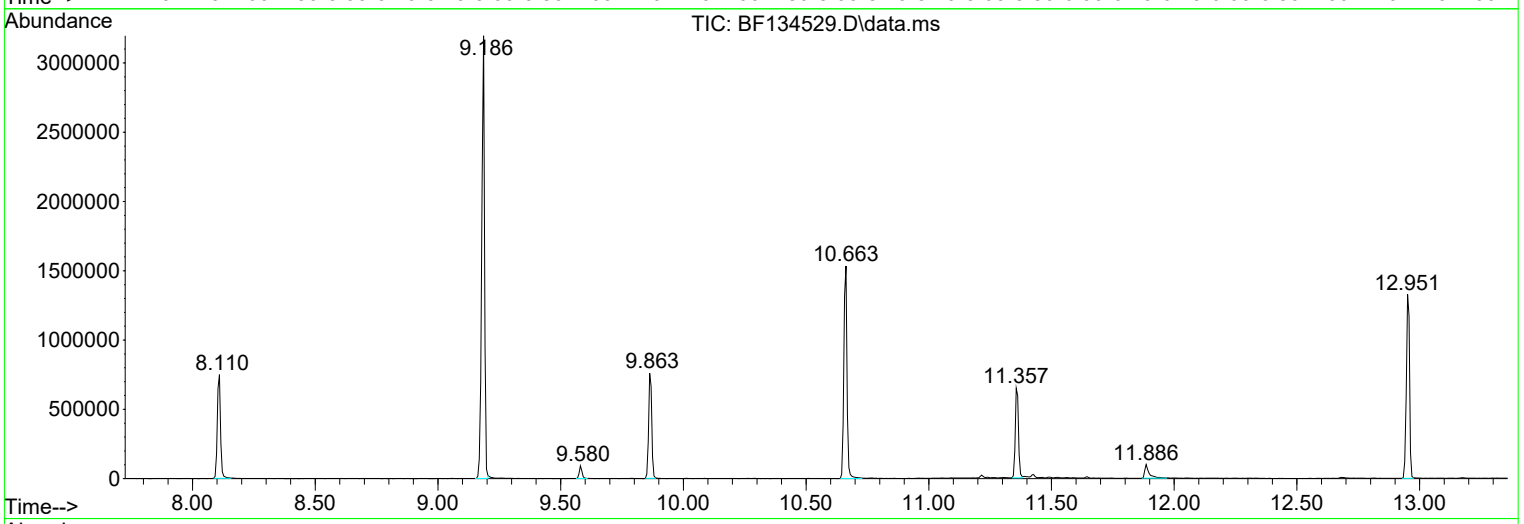
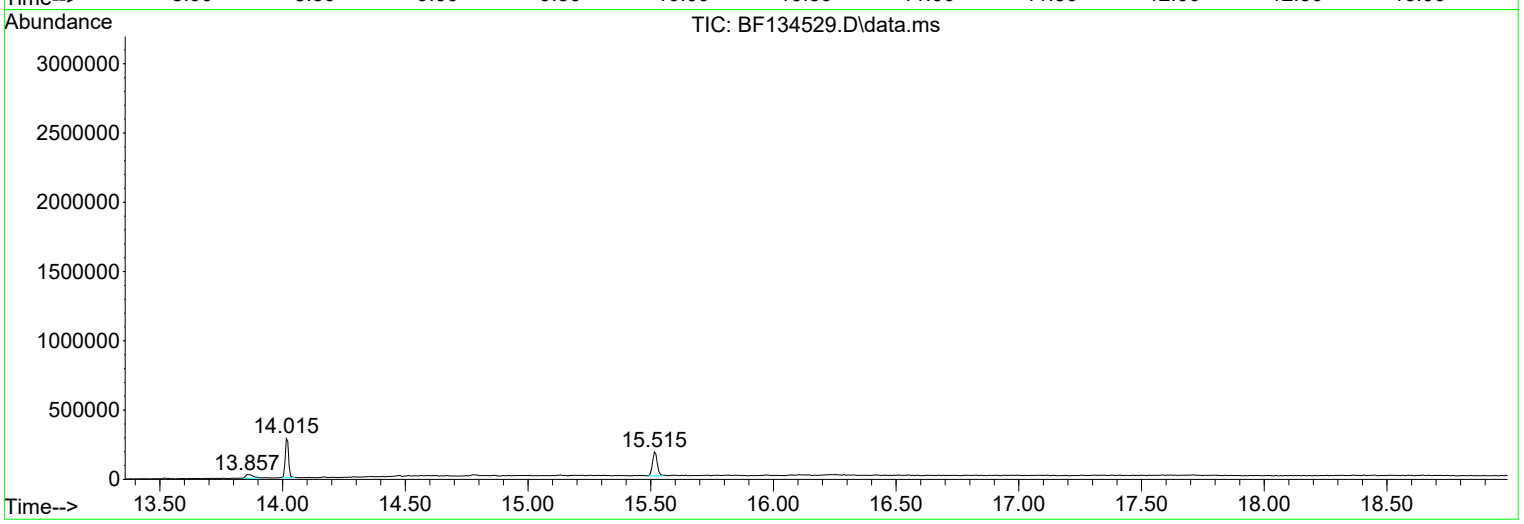
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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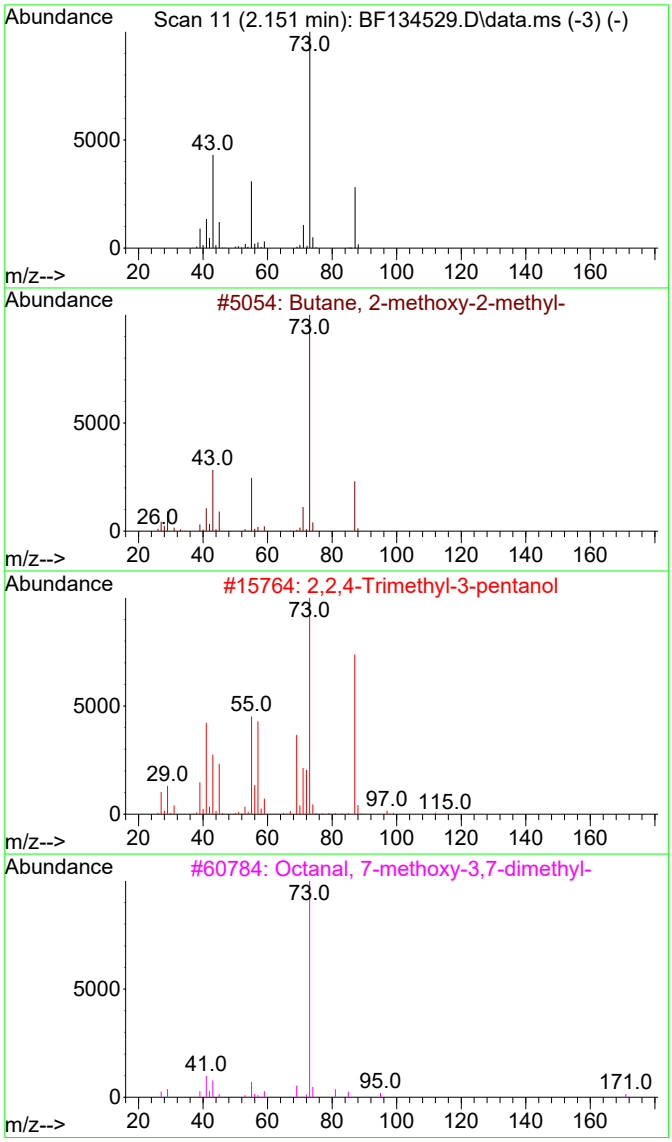
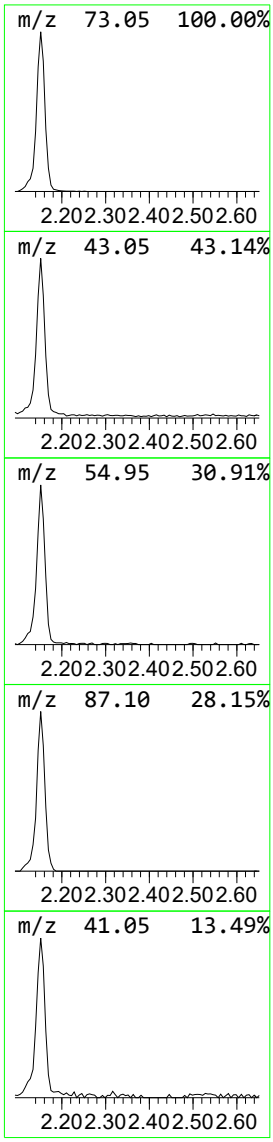
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.151	12.38 ng	336876	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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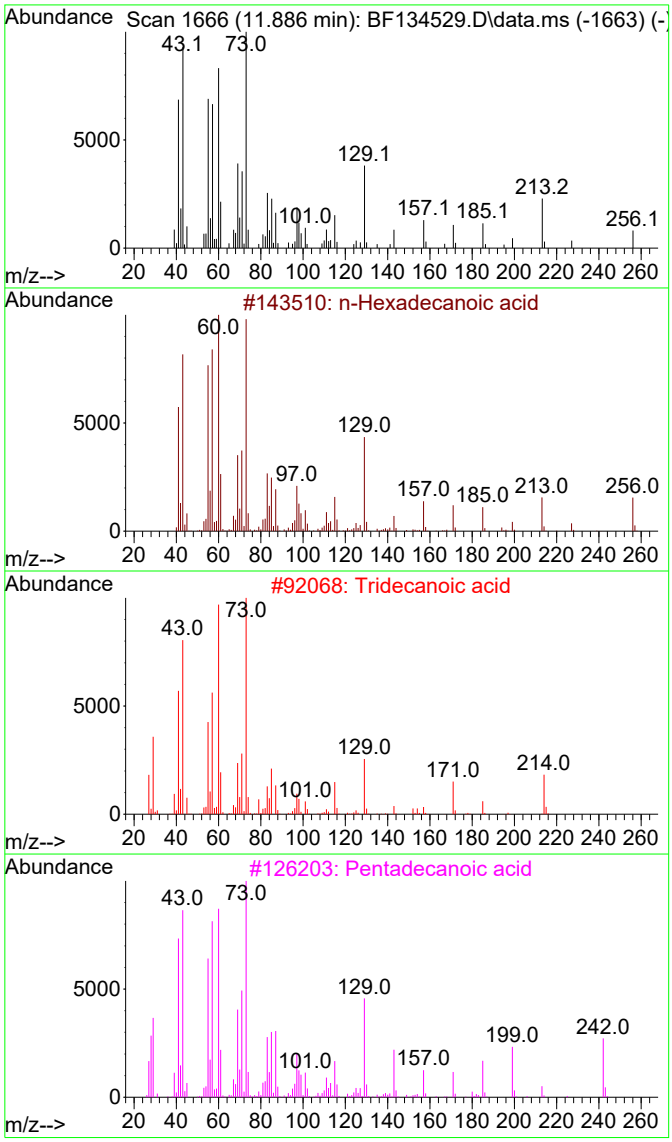
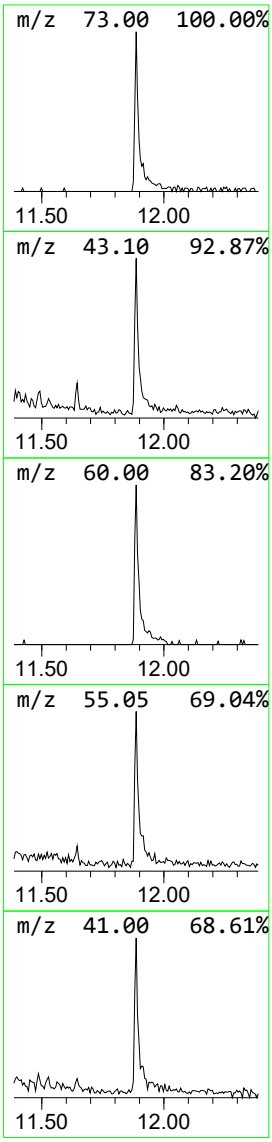
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	4.15 ng	121575	Phenanthrene-d10	11.357

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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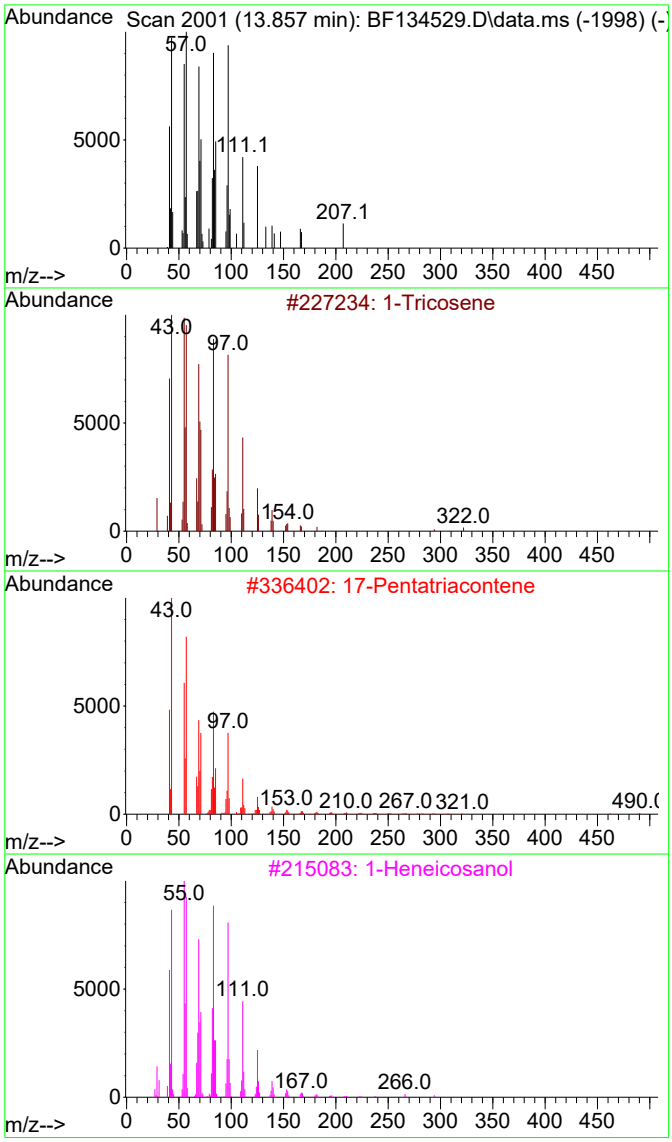
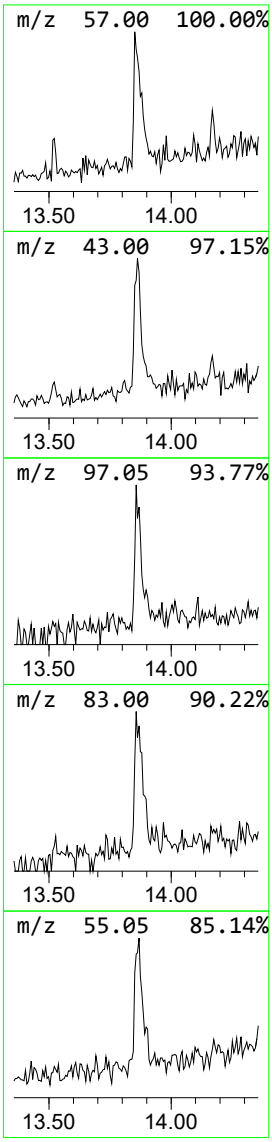
Peak Number 3 1-Tricosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	4.47 ng	60790	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	90
2	17-Pentatriacontene	491	C35H70	006971-40-0	90
3	1-Heneicosanol	312	C21H44O	015594-90-8	86
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	86
5	1-Tetracosene	336	C24H48	010192-32-2	80





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.151	12.4	ng	336876	1	6.828	544440	20.0
n-Hexadecanoic ...	11.886	4.2	ng	121575	4	11.357	586116	20.0
1-Tricosene	13.857	4.5	ng	60790	5	14.015	271861	20.0