LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123672.D
Acq On : 21 Apr 2021 17:54
Operator : JU/CG
Sample : M2069-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH20A-BNM-1-D-WATER-BAG

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-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123672.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	14	19	27	rVB	101319	131888	1.73%	0.323%
2	5.469	571	575	587	rBV	3195416	2846262	37.36%	6.970%
3	6.481	743	747	757	rBV	2041201	1904318	25.00%	4.663%
4	6.851	806	810	813	rBV	1605706	1351371	17.74%	3.309%
5	7.416	900	906	909	rBV	5458292	5067371	66.52%	12.408%
6	7.516	917	923	930	rVB	228285	302951	3.98%	0.742%
7	8.134	1024	1028	1031	rBV	2194794	1692241	22.21%	4.144%
8	9.216	1207	1212	1215	rBV	9245461	7617696	100.00%	18.653%
9	9.604	1275	1278	1282	rBV	186187	153904	2.02%	0.377%
10	9.892	1323	1327	1331	rVB	2199814	1819837	23.89%	4.456%
11	10.686	1457	1462	1465	rBV	5816375	5155389	67.68%	12.624%
12	11.380	1576	1580	1583	rBV	2230051	1855046	24.35%	4.542%
13	11.416	1583	1586	1588	rVV2	165529	135113	1.77%	0.331%
14	11.916	1668	1671	1679	rBV2	377567	362895	4.76%	0.889%
15	12.975	1847	1851	1855	rBV	6739943	6811660	89.42%	16.679%
16	13.910	2006	2010	2023	rBV2	329470	895256	11.75%	2.192%
17	14.027	2025	2030	2034	rVB	1484221	1348386	17.70%	3.302%
18	15.510	2277	2282	2286	rBV	1059963	1297152	17.03%	3.176%
19	15.986	2361	2363	2369	rVB2	59828	89990	1.18%	0.220%

Sum of corrected areas: 40838726

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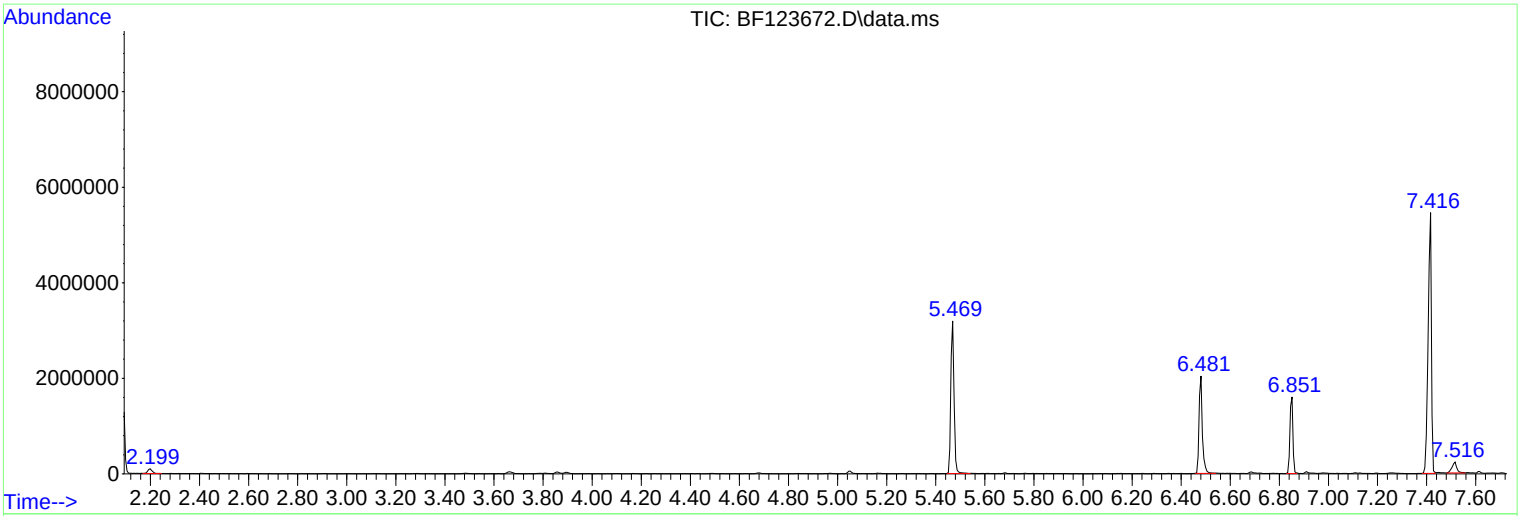
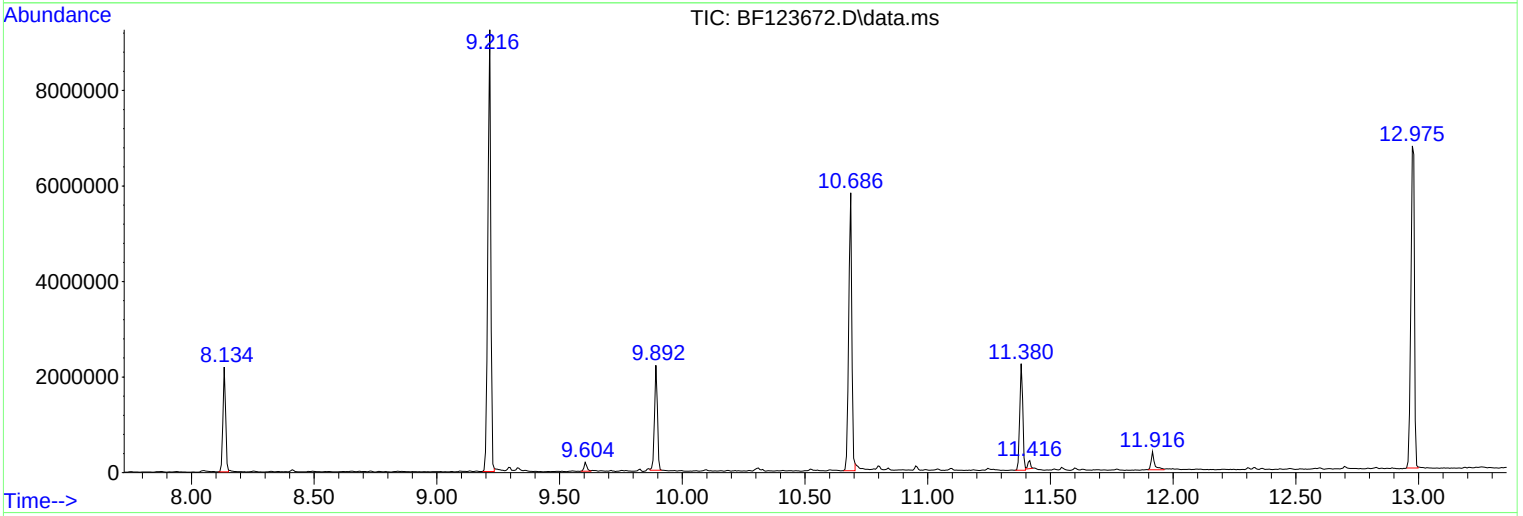
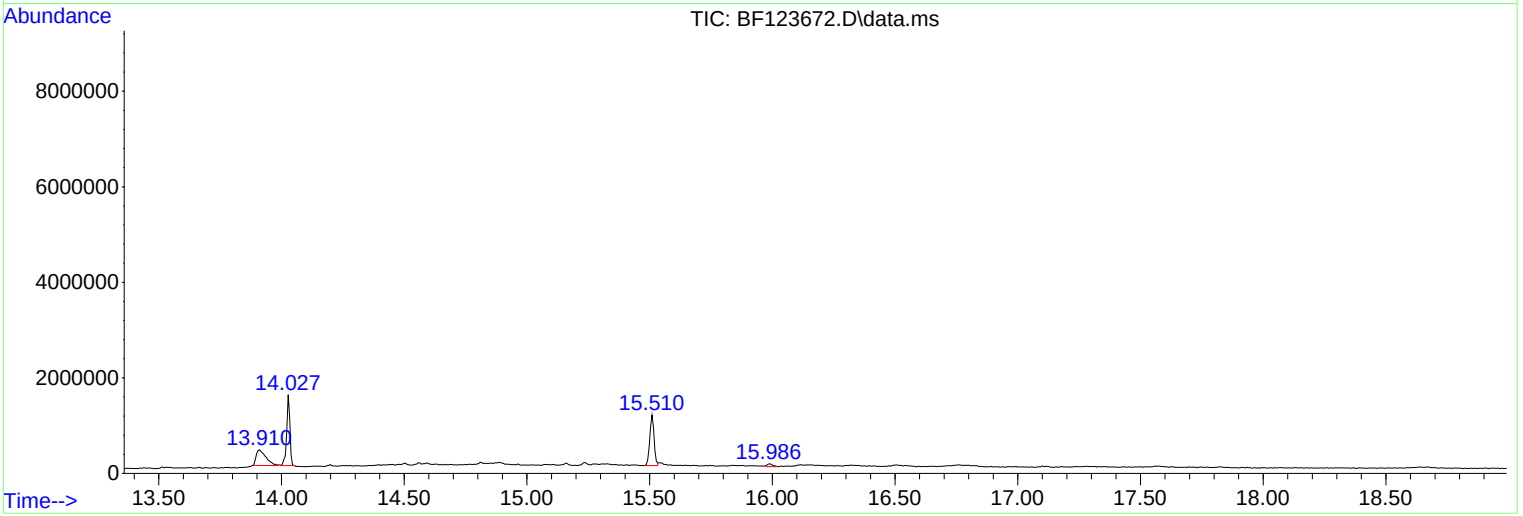
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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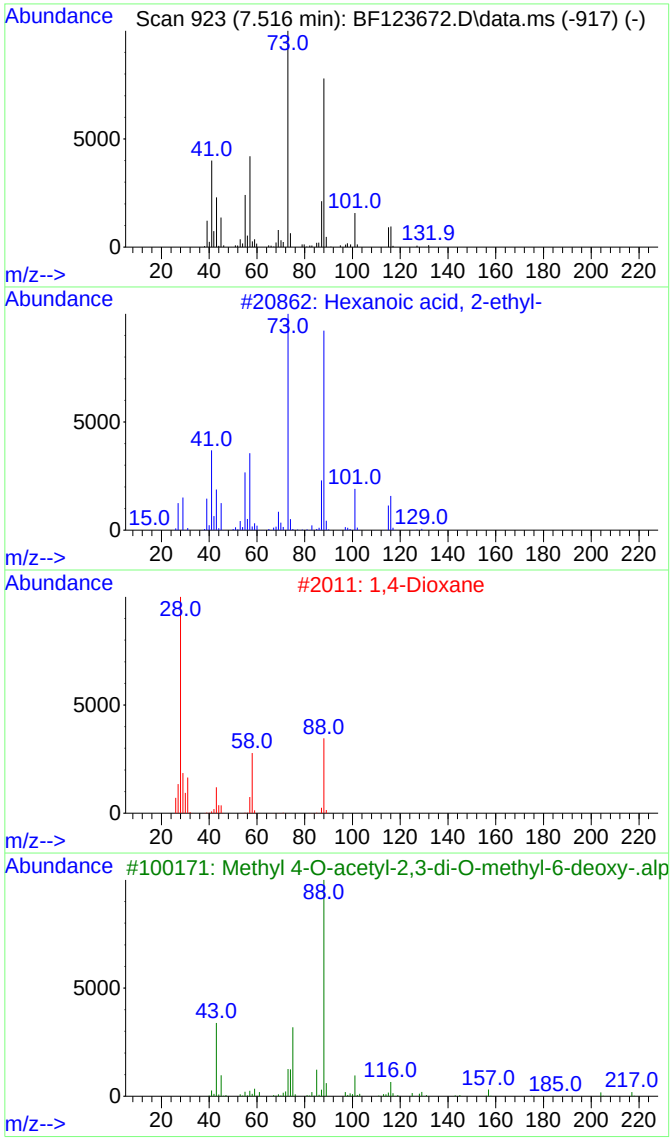
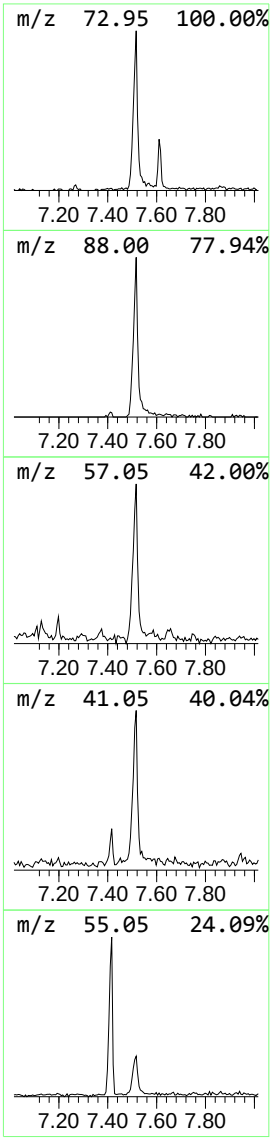
****
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.516	3.58 ng	302951	Naphthalene-d8	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
2	1,4-Dioxane	88	C4H8O2	000123-91-1	47
3	Methyl 4-O-acetyl-2,3-di-O-methy...	248	C11H20O6	072945-56-3	42
4	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	40
5	L(-)-Fucose, tetramethyl ether	220	C10H20O5	1000332-75-0	40





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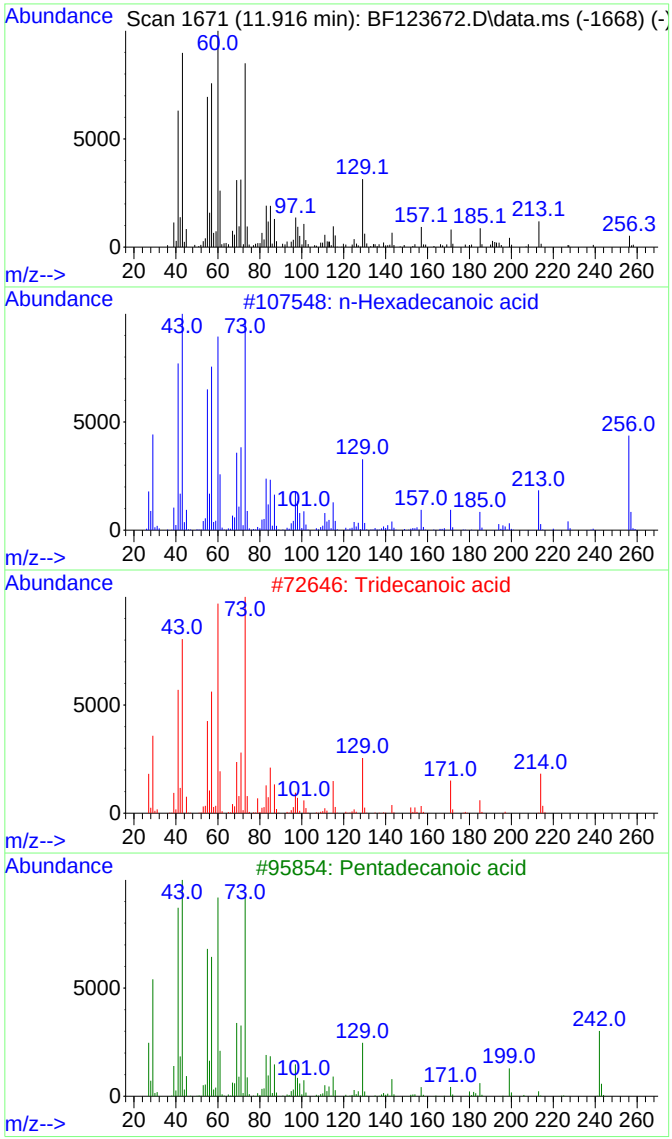
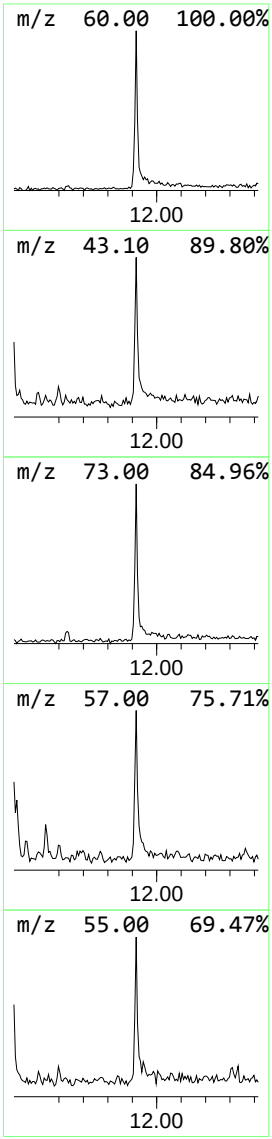
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	3.91 ng	362895	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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BNA_F
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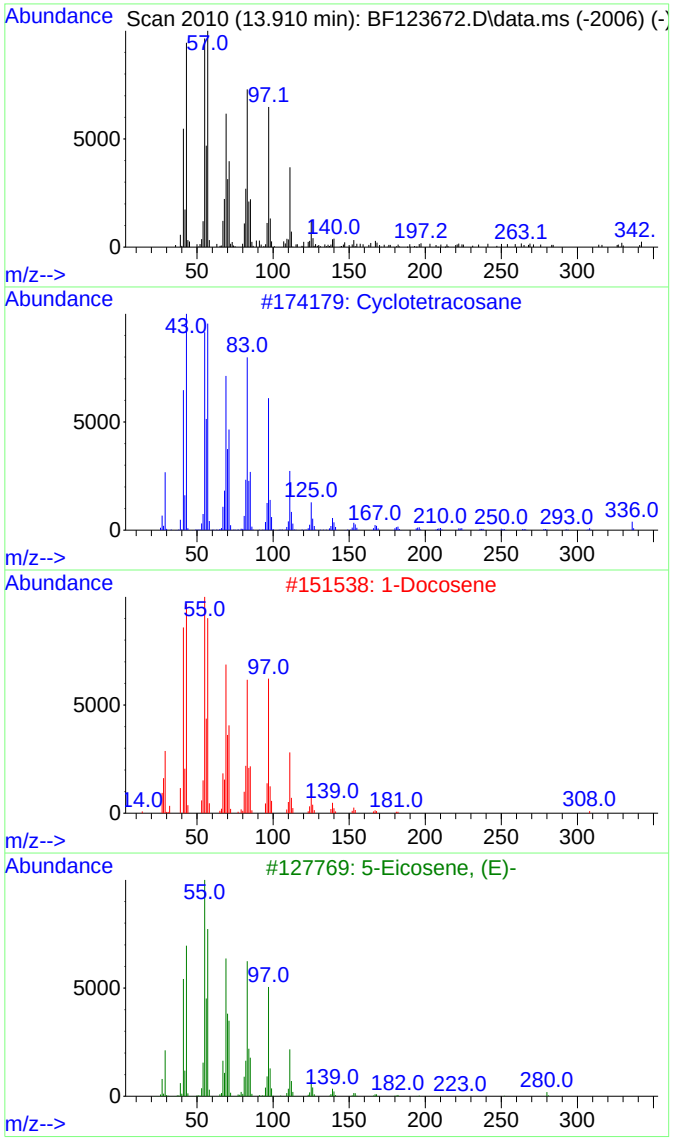
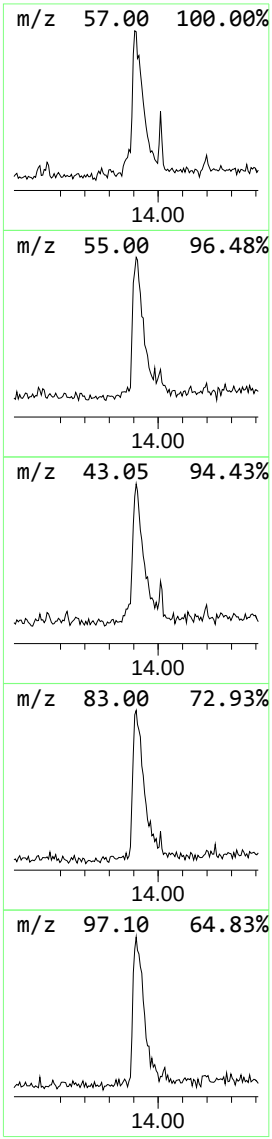
Peak Number 3 Cyclotetracosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	13.28 ng	895256	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	91
2	1-Docosene	308	C22H44	001599-67-3	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanoic acid, ...	7.516	3.6	ng	302951	2	8.134	1692240	20.0
n-Hexadecanoic ...	11.916	3.9	ng	362895	4	11.381	1855050	20.0
Cyclotetracosane	13.910	13.3	ng	895256	5	14.027	1348390	20.0