LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009495.D
Acq On : 22 Mar 2022 19:11
Operator : CG/JU
Sample : N2021-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MHQ-SP

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_P\Methods\8270E-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009495.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	6	10	15	rBV	556248	794316	5.07%	0.794%
2	3.087	15	17	31	rVB	155237	267509	1.71%	0.267%
3	5.399	403	410	430	rBV	5323739	8956035	57.19%	8.956%
4	6.981	669	679	696	rBV	4701056	8652273	55.25%	8.652%
5	7.793	809	817	827	rBV	1360906	2376873	15.18%	2.377%
6	8.946	1000	1013	1036	rBV	3082736	5802381	37.05%	5.802%
7	10.587	1282	1292	1308	rBV	1528094	3022634	19.30%	3.023%
8	13.057	1704	1712	1730	rBV	7277546	12207416	77.95%	12.207%
9	14.157	1893	1899	1906	rVB	120050	204850	1.31%	0.205%
10	14.434	1939	1946	1953	rBV	2254177	3613725	23.08%	3.614%
11	15.934	2194	2201	2223	rBV	5553353	8922899	56.98%	8.923%
12	16.392	2274	2279	2291	rBV	228084	391106	2.50%	0.391%
13	16.751	2336	2340	2351	rVB2	97223	175462	1.12%	0.175%
14	17.198	2409	2416	2420	rBV	2664239	4114712	26.28%	4.115%
15	17.240	2420	2423	2430	rVB	705454	1035322	6.61%	1.035%
16	17.334	2435	2439	2446	rVB	192153	305067	1.95%	0.305%
17	18.075	2561	2565	2567	rBV	115188	166026	1.06%	0.166%
18	18.110	2567	2571	2578	rVB2	373751	701894	4.48%	0.702%
19	18.263	2592	2597	2601	rBV2	183580	299615	1.91%	0.300%
20	19.222	2755	2760	2766	rBV	2174839	3043789	19.44%	3.044%
21	19.575	2812	2820	2823	rBV	1896576	3197235	20.42%	3.197%
22	19.775	2849	2854	2860	rVB	11833294	15659802	100.00%	15.659%
23	21.051	3066	3071	3076	rBV5	883974	2225683	14.21%	2.226%
24	21.310	3109	3115	3119	rBV2	4108948	6897026	44.04%	6.897%
25	21.345	3119	3121	3127	rVB	1105752	1347511	8.60%	1.347%
26	21.433	3133	3136	3139	rBV	568101	661816	4.23%	0.662%
27	23.716	3519	3524	3531	rVB2	2378082	4961229	31.68%	4.961%

Sum of corrected areas: 100004206

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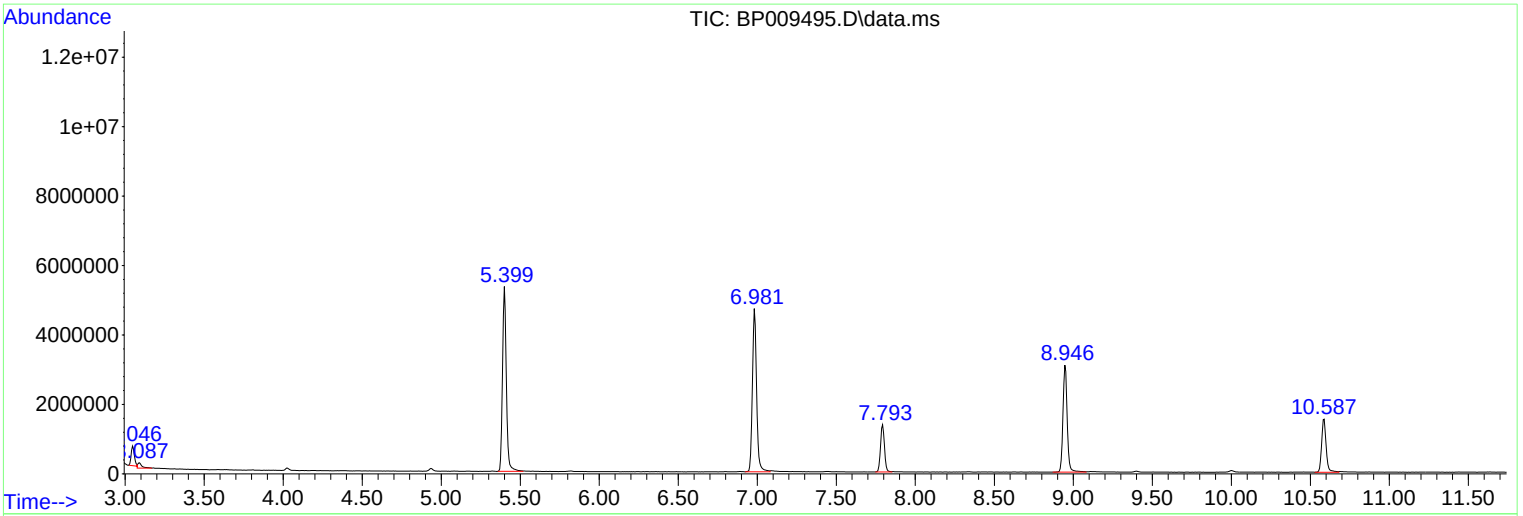
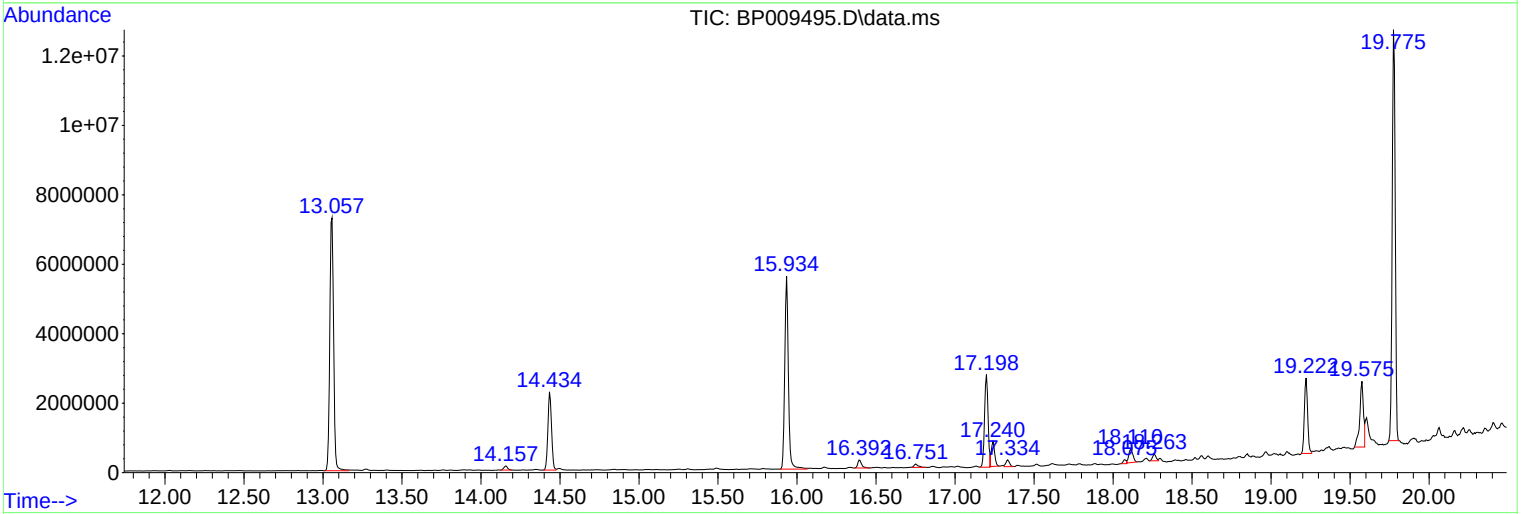
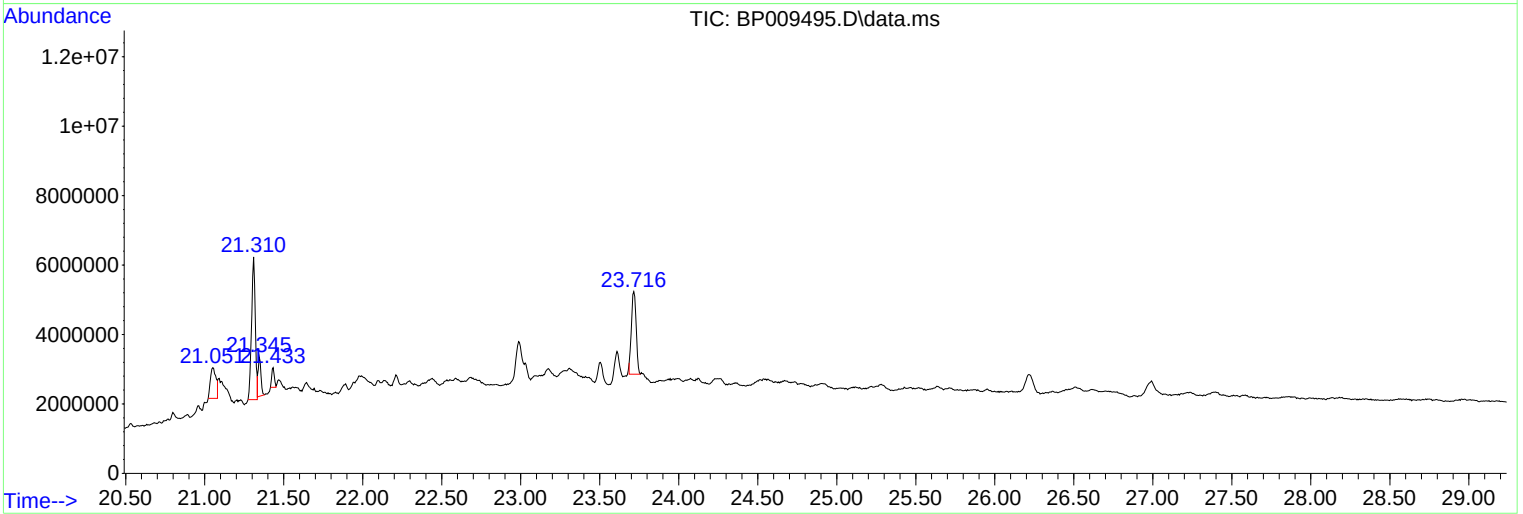
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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TIC Library : C:\Database\NIST20.L
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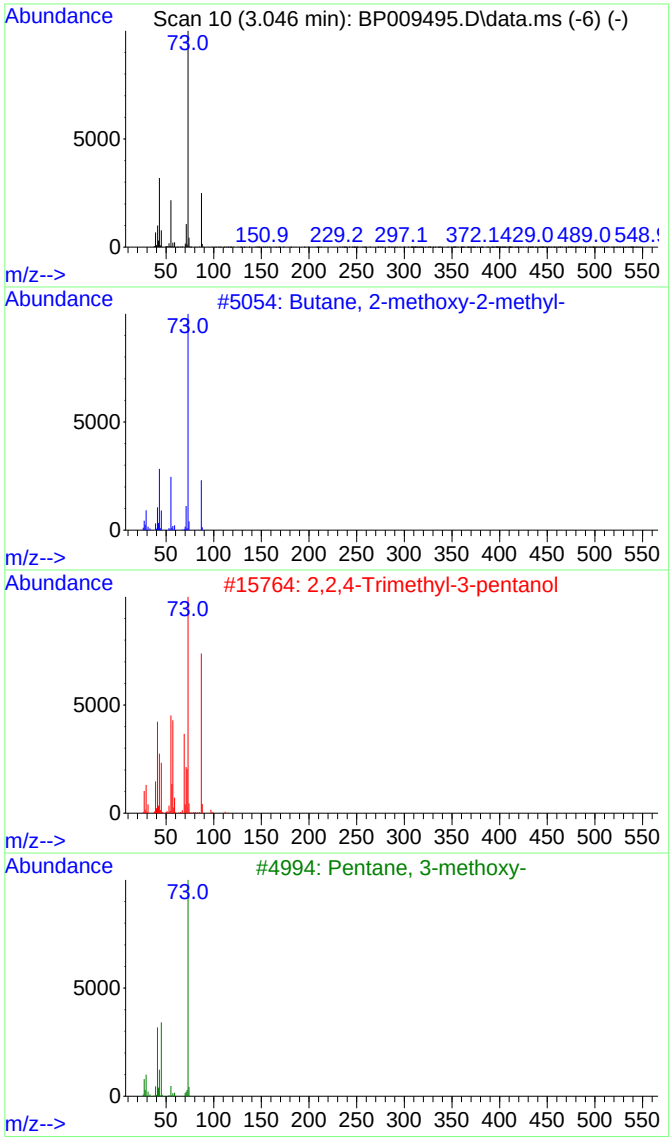
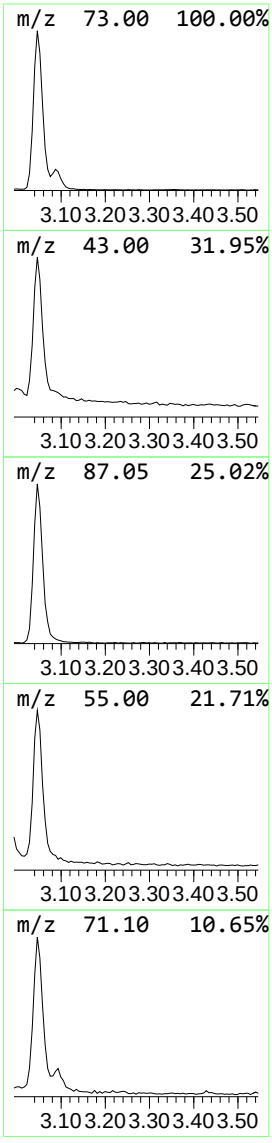
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.046	6.68 ng	794316	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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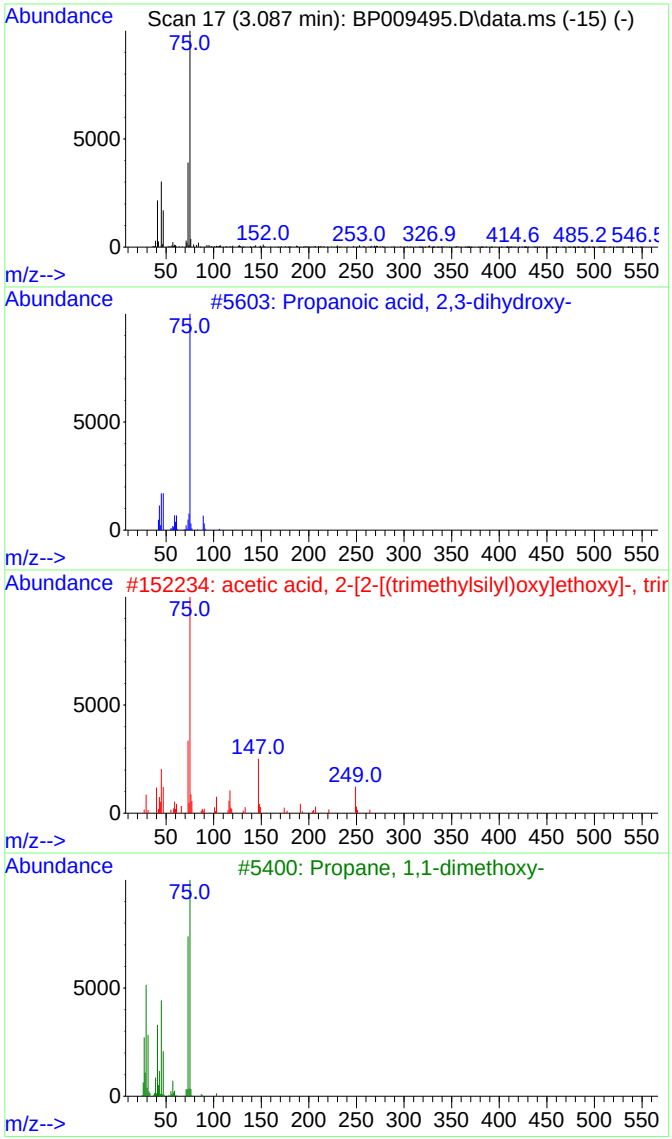
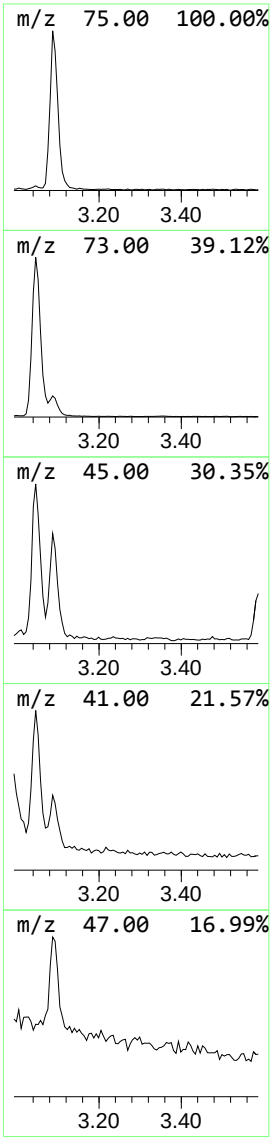
Peak Number 2 Propanoic acid, 2,3-dihydroxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.087	2.25 ng	267509	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,3-dihydroxy-	106	C3H6O4	000473-81-4	50
2	acetic acid, 2-[2-[(trimethylsil...	264	C10H24O4Si2	1000396-88-7	40
3	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	39
4	Ethane, 1,1,2,2-tetramethoxy-	150	C6H14O4	002517-44-4	39
5	Octanal dimethyl acetal	174	C10H22O2	010022-28-3	36





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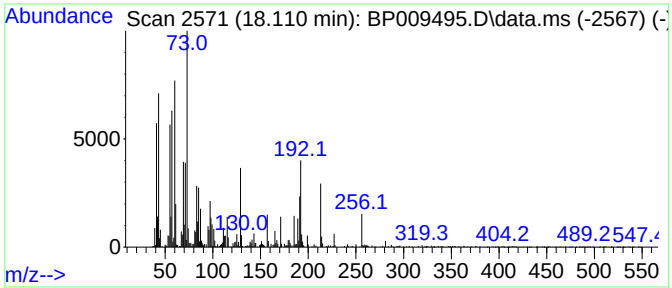
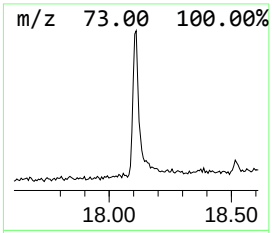
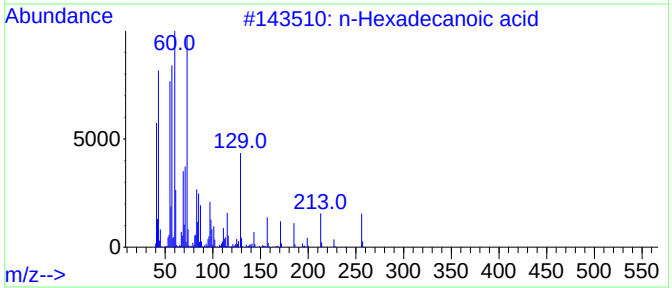
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

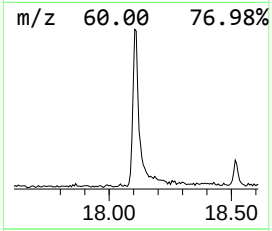
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	3.41 ng	701894	Phenanthrene-d10	17.198

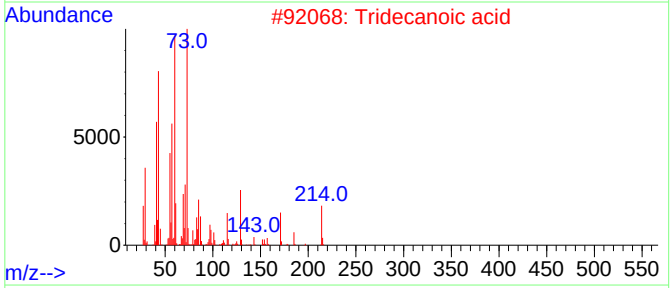
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60

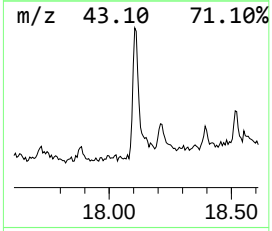


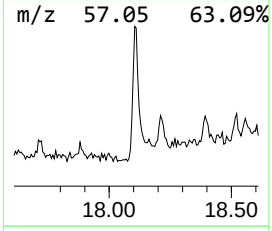


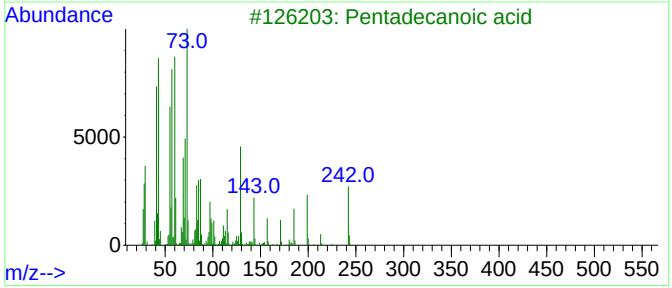


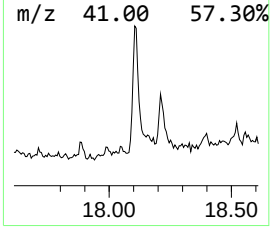












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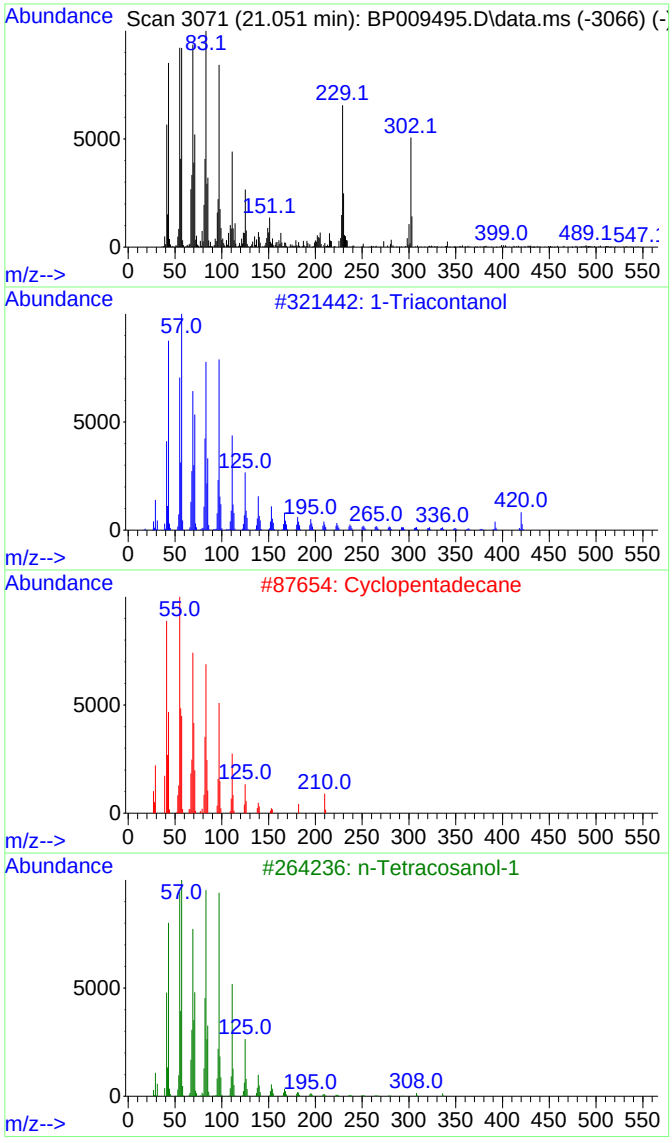
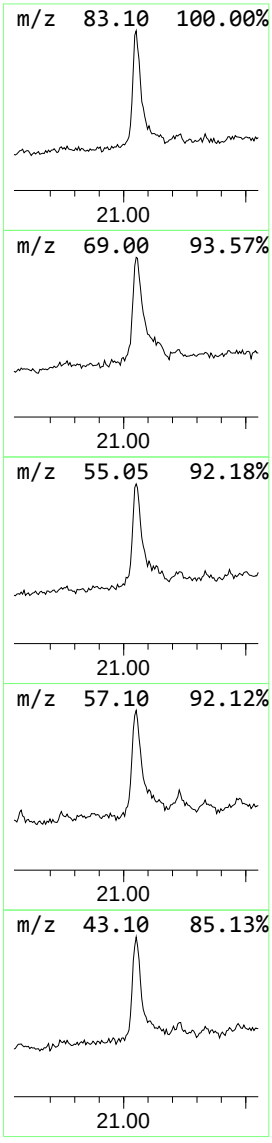
****

Peak Number 4 1-Triacontanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	6.45 ng	2225680	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Triacontanol	438	C30H62O	000593-50-0	90
2	Cyclopentadecane	210	C15H30	000295-48-7	86
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	86
4	1-Heneicosanol	312	C21H44O	015594-90-8	86
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	70





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...	3.046	6.7	ng	794316	1	7.793	2376870	20.0
Propanoic acid,...	3.087	2.3	ng	267509	1	7.793	2376870	20.0
n-Hexadecanoic ...	18.110	3.4	ng	701894	4	17.198	4114710	20.0
1-Triacontanol	21.051	6.5	ng	2225680	5	21.310	6897030	20.0