LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091621\
Data File : BP007008.D
Acq On : 16 Sep 2021 22:18
Operator : CG/JU
Sample : M3687-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A016095

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-BP091621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007008.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.023	324	329	340	rBV	285588	410958	2.74%	0.542%
2	5.481	400	407	419	rBV	4999946	7209873	48.16%	9.501%
3	7.075	667	678	695	rBV	4642781	7435654	49.67%	9.798%
4	7.911	813	820	827	rBV	1219700	1867136	12.47%	2.460%
5	9.069	1009	1017	1029	rBV	2761893	4525240	30.23%	5.963%
6	10.493	1252	1259	1285	rBV	548813	1016253	6.79%	1.339%
7	10.710	1289	1296	1308	rVV	1540787	2555071	17.07%	3.367%
8	13.163	1705	1713	1723	rBV	7245080	10532890	70.35%	13.879%
9	14.534	1939	1946	1960	rBV	2250615	3369809	22.51%	4.440%
10	16.022	2192	2199	2216	rBV	5754868	7753292	51.79%	10.217%
11	17.281	2407	2413	2423	rBV	2829113	4003788	26.74%	5.276%
12	18.169	2559	2564	2572	rBV	267693	403914	2.70%	0.532%
13	19.398	2769	2773	2782	rBV2	144748	235508	1.57%	0.310%
14	19.833	2842	2847	2859	rBV	11789613	14971606	100.00%	19.728%
15	21.069	3053	3057	3066	rBV2	353693	518289	3.46%	0.683%
16	21.363	3101	3107	3117	rBV	3241846	4441207	29.66%	5.852%
17	22.622	3318	3321	3325	rVB	176446	227857	1.52%	0.300%
18	23.769	3510	3516	3528	rVB2	2149888	4409906	29.46%	5.811%

Sum of corrected areas: 75888251

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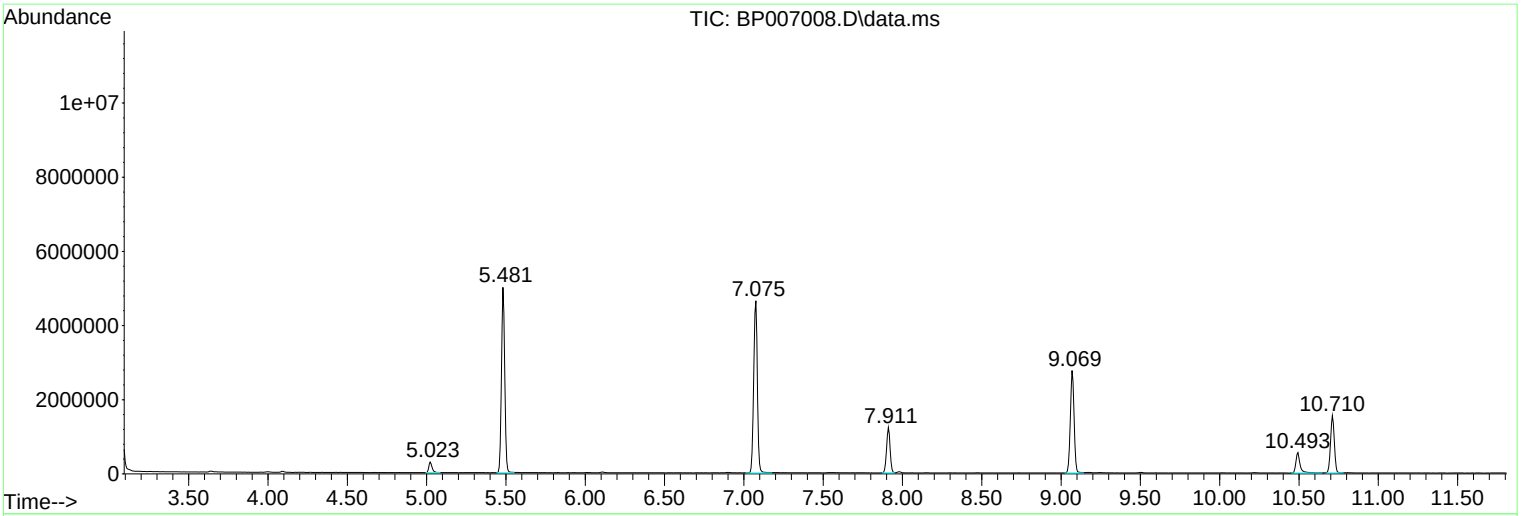
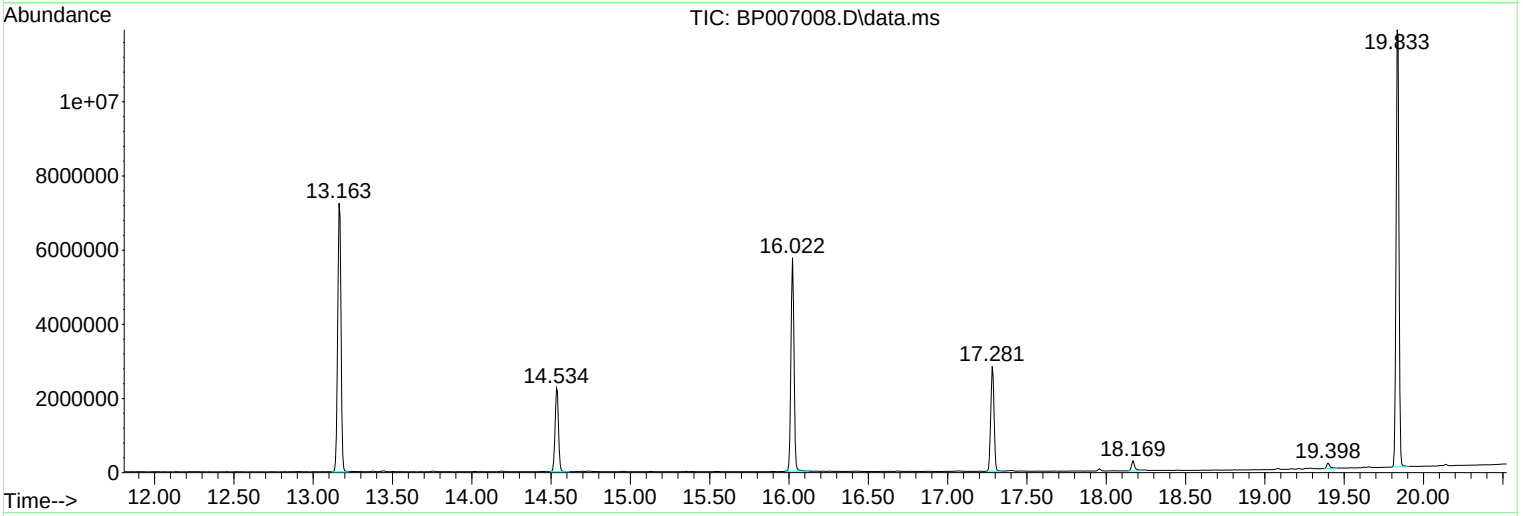
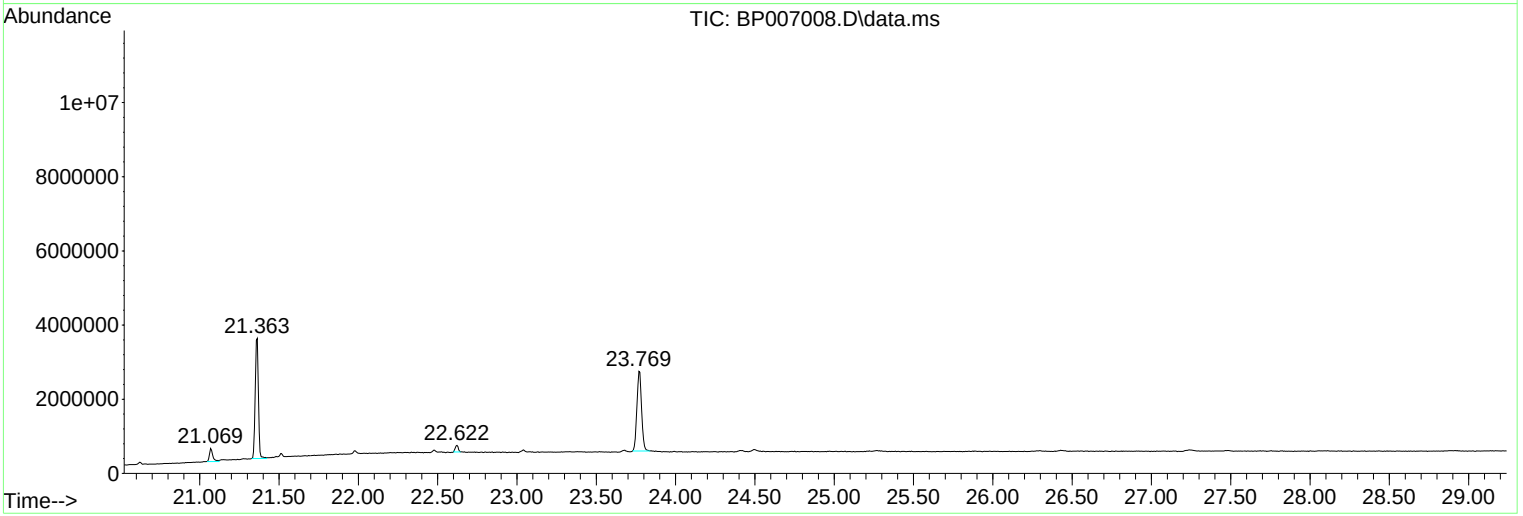
Instrument :
BNA_P
ClientSampleId :
A016095

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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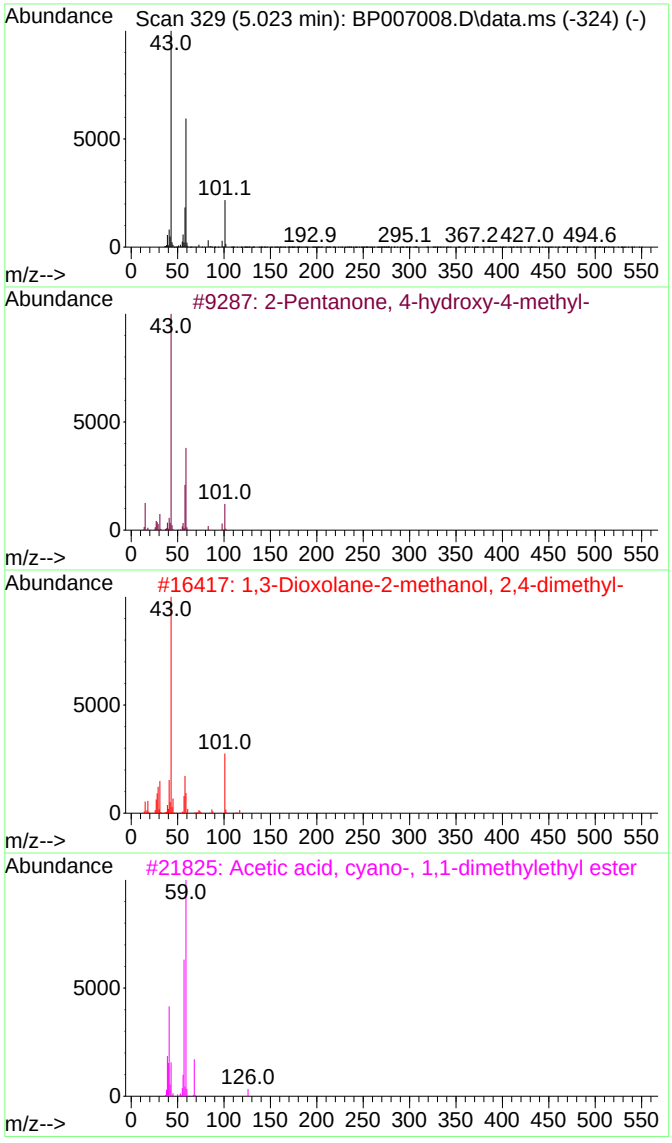
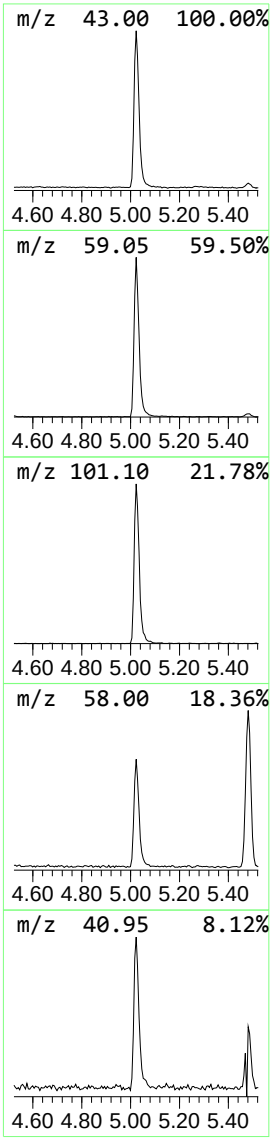
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.023	4.40 ng	410958	1,4-Dichlorobenzene-d4	7.911

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9





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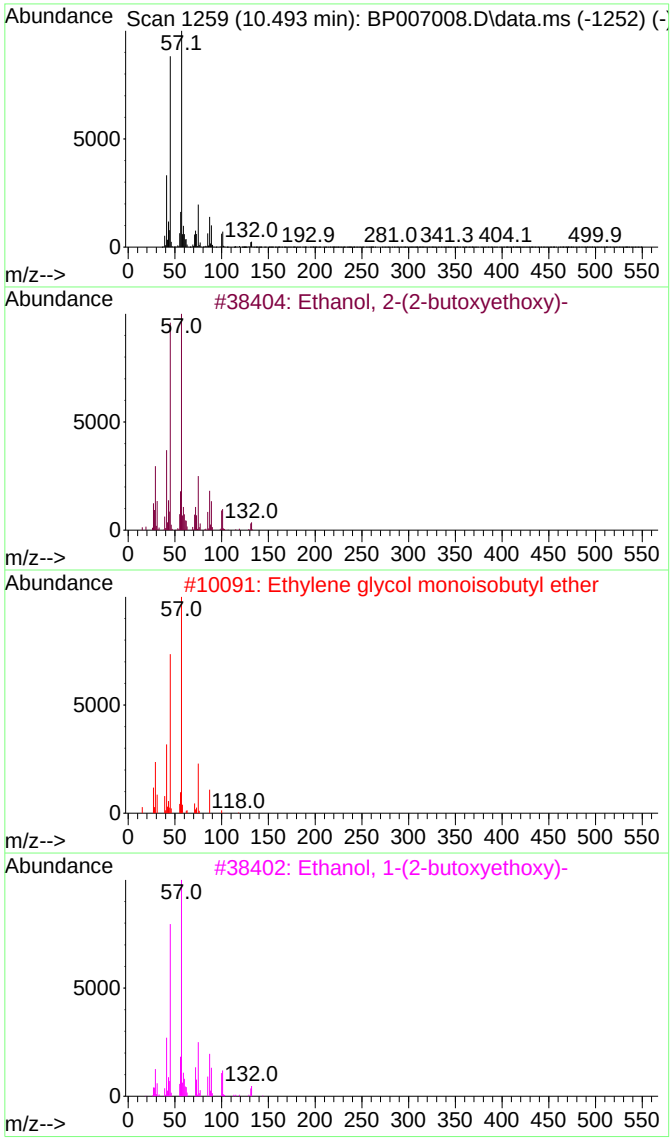
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

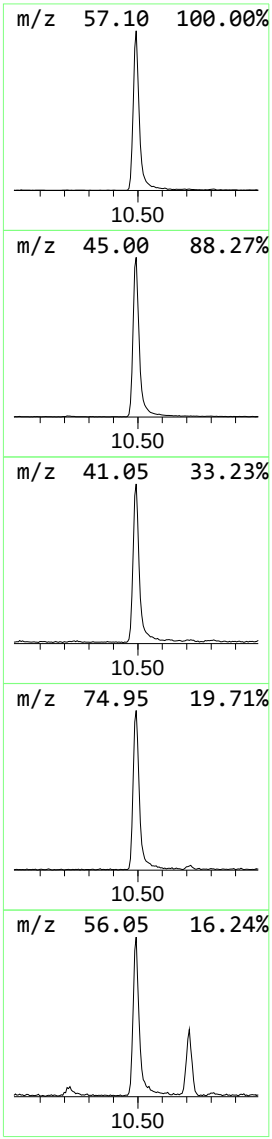
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.493	7.95 ng	1016250	Naphthalene-d8	10.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	58
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50





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Sample : M3687-20
Misc :
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Instrument : BNA_P
ClientSampleId : A016095

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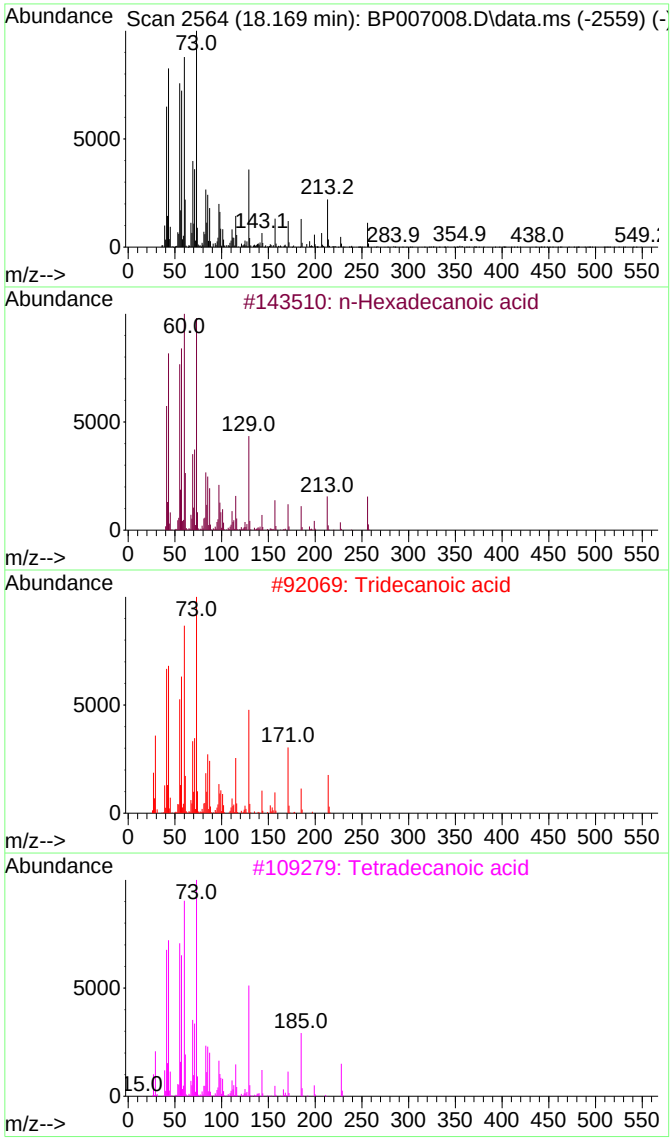
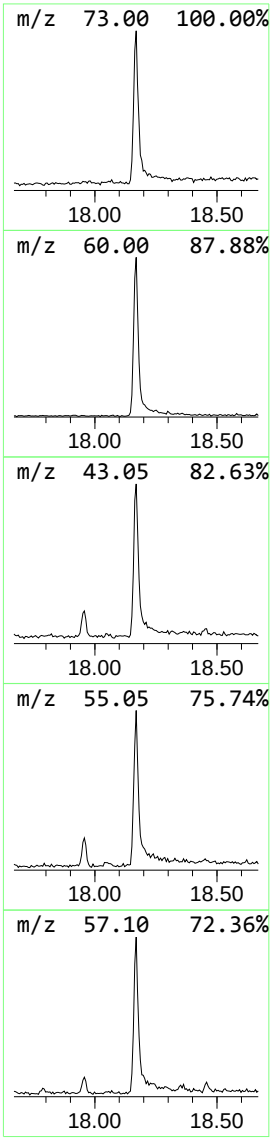
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	2.02 ng	403914	Phenanthrene-d10	17.281

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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A016095

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.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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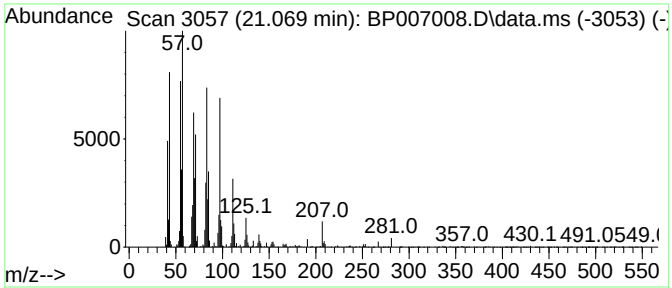
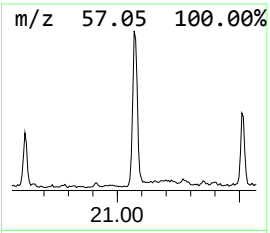
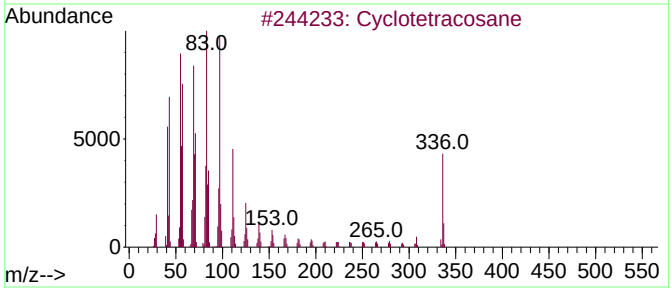
Peak Number 4 Cyclotetracosane Concentration Rank 3

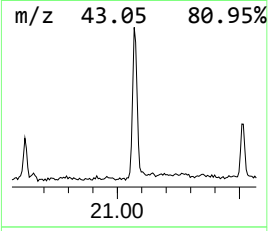
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.069	2.33 ng	518289	Chrysene-d12	21.363

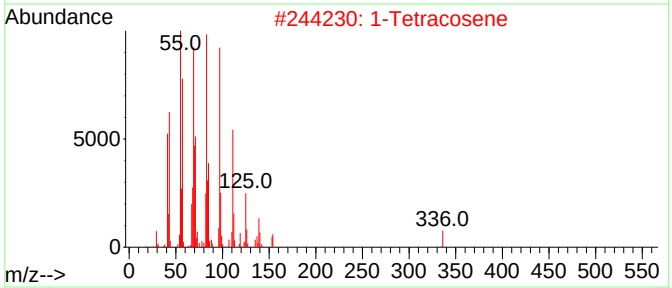
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	1-Tetracosene	336	C24H48	010192-32-2	98
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	97
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	96
5	1-Hexacosene	364	C26H52	018835-33-1	94

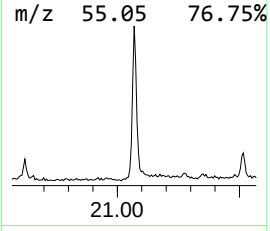


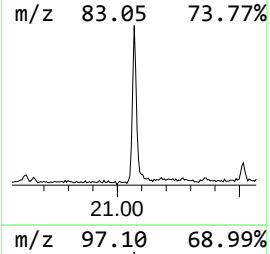


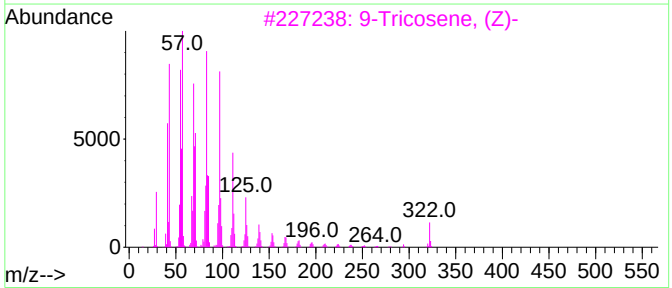


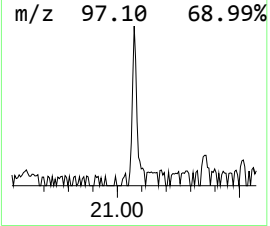












Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.023	4.4	ng	410958	1	7.911	1867140	20.0
Ethanol, 2-(2-b...	10.493	8.0	ng	1016250	2	10.710	2555070	20.0
n-Hexadecanoic ...	18.169	2.0	ng	403914	4	17.281	4003790	20.0
Cyclotetracosane	21.069	2.3	ng	518289	5	21.363	4441210	20.0