LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008232.D
Acq On : 06 Dec 2021 17:02
Operator : CG/JU
Sample : M4927-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-3

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008232.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	401	407	420	rBV	1045482	1523263	45.28%	9.503%
2	6.975	667	678	692	rBV	964891	1625696	48.33%	10.142%
3	7.787	809	816	823	rBV	232626	365398	10.86%	2.280%
4	8.952	1005	1014	1031	rBV	586637	1015225	30.18%	6.334%
5	10.587	1283	1292	1301	rBV	267161	473626	14.08%	2.955%
6	13.057	1705	1712	1726	rBV	1384985	2033326	60.44%	12.686%
7	14.439	1940	1947	1957	rBV	396989	618912	18.40%	3.861%
8	15.939	2195	2202	2210	rBV	1094460	1669101	49.62%	10.413%
9	17.198	2410	2416	2425	rBV	525065	781212	23.22%	4.874%
10	17.322	2433	2437	2446	rVB6	27006	46994	1.40%	0.293%
11	18.104	2565	2570	2579	rBV	51123	86812	2.58%	0.542%
12	19.774	2848	2854	2863	rBV	2728065	3363983	100.00%	20.987%
13	21.021	3062	3066	3073	rVB2	169623	228736	6.80%	1.427%
14	21.304	3110	3114	3128	rBV	780143	1095283	32.56%	6.833%
15	23.704	3516	3522	3530	rVB2	548855	1101011	32.73%	6.869%

Sum of corrected areas: 16028578

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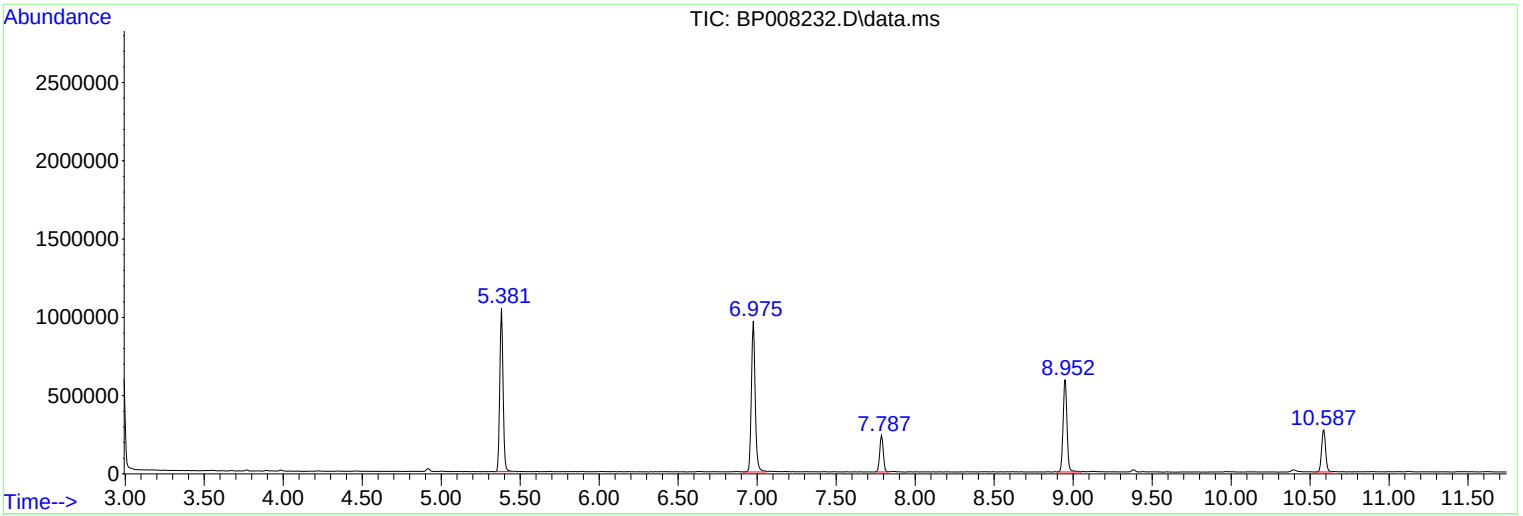
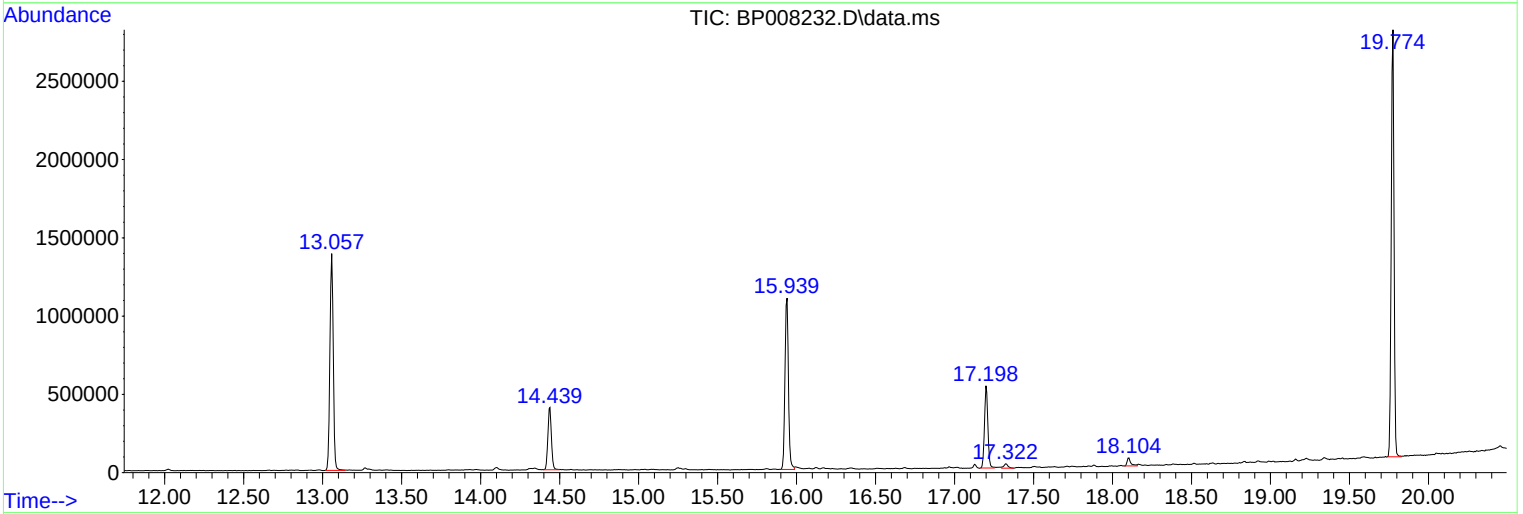
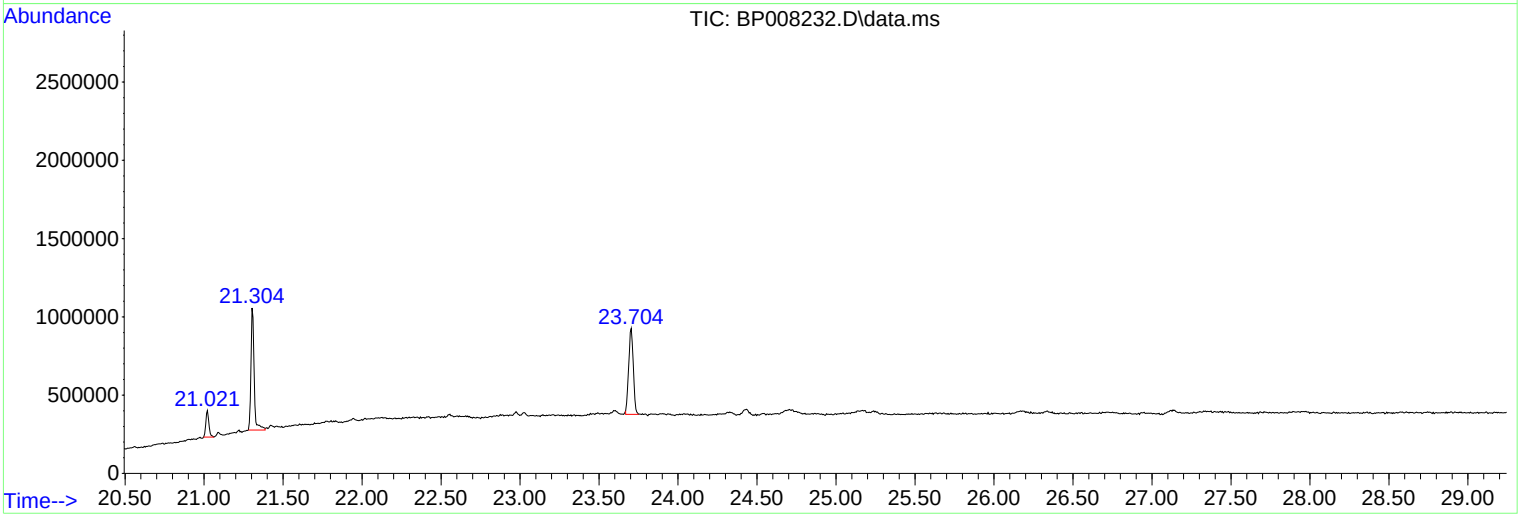
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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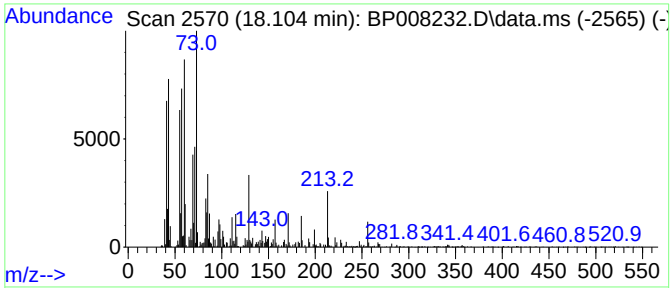
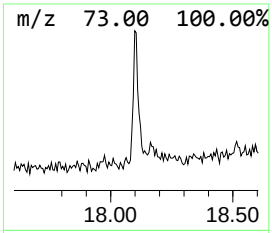
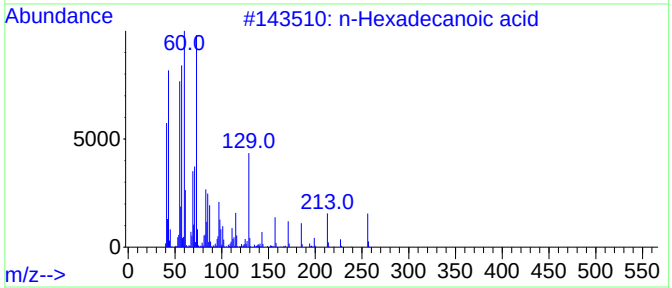
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

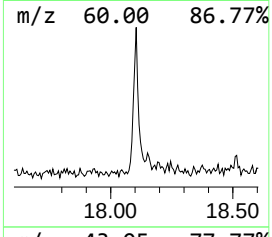
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	2.22 ng	86812	Phenanthrene-d10	17.198

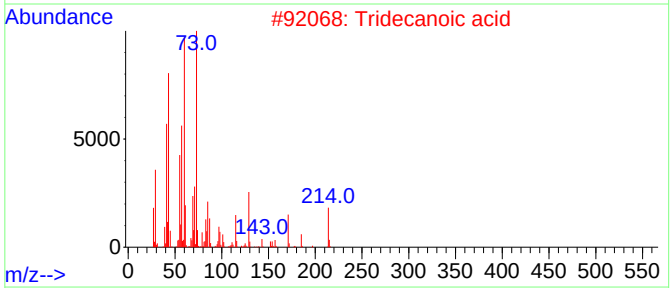
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	92
4	Octadecanoic acid	284	C18H36O2	000057-11-4	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68

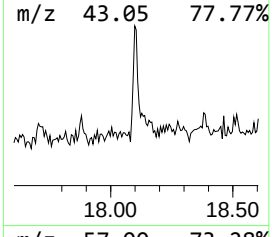


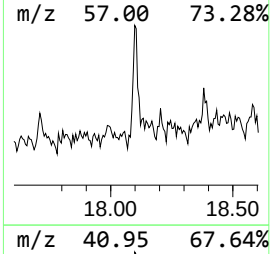


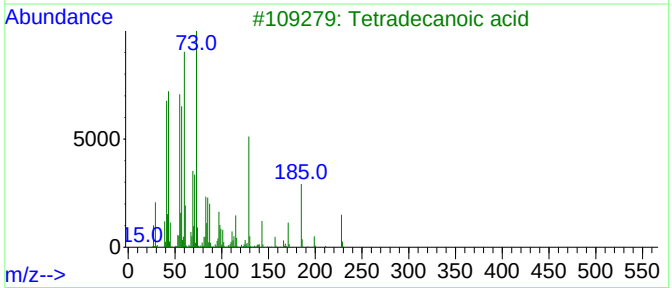


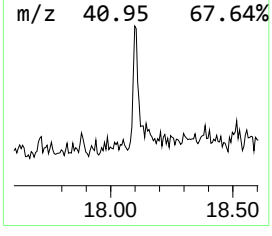












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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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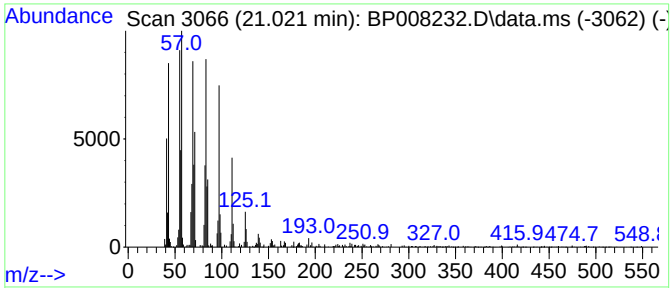
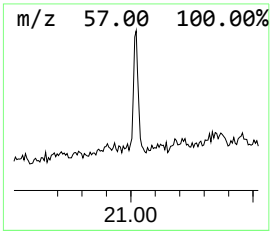
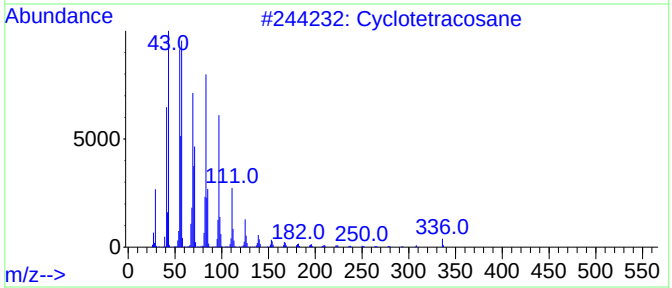
Peak Number 2 Cyclotetracosane Concentration Rank 1

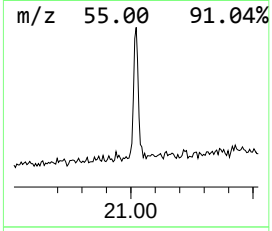
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.022	4.18 ng	228736	Chrysene-d12	21.304

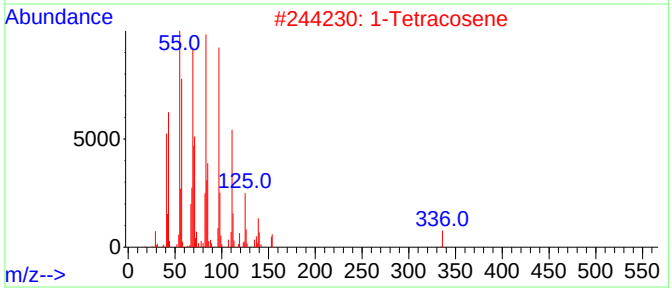
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	1-Tetracosene	336	C24H48	010192-32-2	99
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94

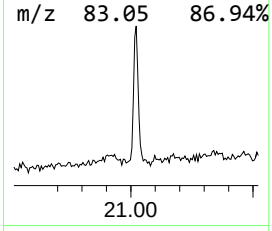


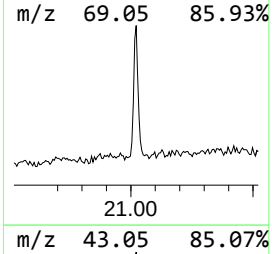


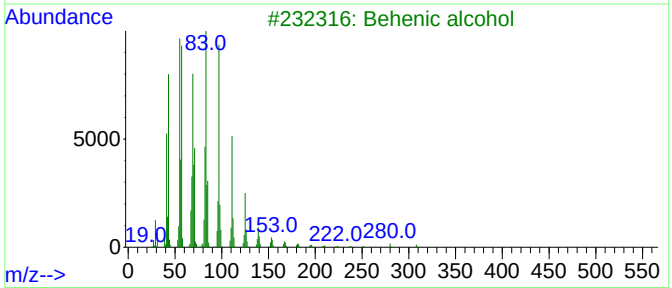


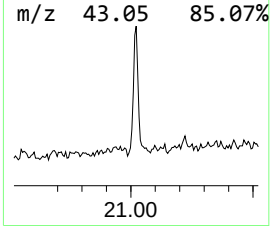












Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.104	2.2	ng	86812	4	17.198	781212	20.0
Cyclotetracosane	21.022	4.2	ng	228736	5	21.304	1095280	20.0