LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005374.D
Acq On : 22 Apr 2021 14:17
Operator : CG/JU
Sample : M2102-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RB44882RT

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-BP042121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005374.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.246	361	367	383	rBV	701565	992852	50.17%	9.464%
2	6.834	630	637	654	rBV	650201	1028980	52.00%	9.808%
3	7.646	767	775	781	rBV	152407	248197	12.54%	2.366%
4	8.805	962	972	981	rBV	386987	638959	32.29%	6.091%
5	10.434	1240	1249	1255	rBV	179339	309029	15.62%	2.946%
6	12.916	1664	1671	1682	rBV	844902	1201772	60.73%	11.456%
7	13.769	1809	1816	1825	rBV	30987	50231	2.54%	0.479%
8	14.304	1900	1907	1913	rBV	277399	407121	20.57%	3.881%
9	14.369	1913	1918	1927	rVB2	15082	26505	1.34%	0.253%
10	15.810	2156	2163	2182	rBV	853515	1215830	61.44%	11.590%
11	17.069	2370	2377	2382	rBV	375294	528843	26.73%	5.041%
12	17.110	2382	2384	2390	rVB	50206	62458	3.16%	0.595%
13	17.198	2395	2399	2406	rVB5	17382	28846	1.46%	0.275%
14	17.969	2523	2530	2539	rBV2	79226	139362	7.04%	1.328%
15	19.092	2717	2721	2727	rVB	57991	75658	3.82%	0.721%
16	19.210	2737	2741	2745	rBV3	30992	44744	2.26%	0.427%
17	19.445	2778	2781	2789	rVB	36260	53028	2.68%	0.505%
18	19.645	2810	2815	2821	rBV	1686373	1978819	100.00%	18.862%
19	20.886	3022	3026	3033	rBV2	94548	124402	6.29%	1.186%
20	21.175	3069	3075	3079	rBV	517853	705581	35.66%	6.726%
21	23.427	3453	3458	3466	rVB2	338963	629543	31.81%	6.001%

Sum of corrected areas: 10490760

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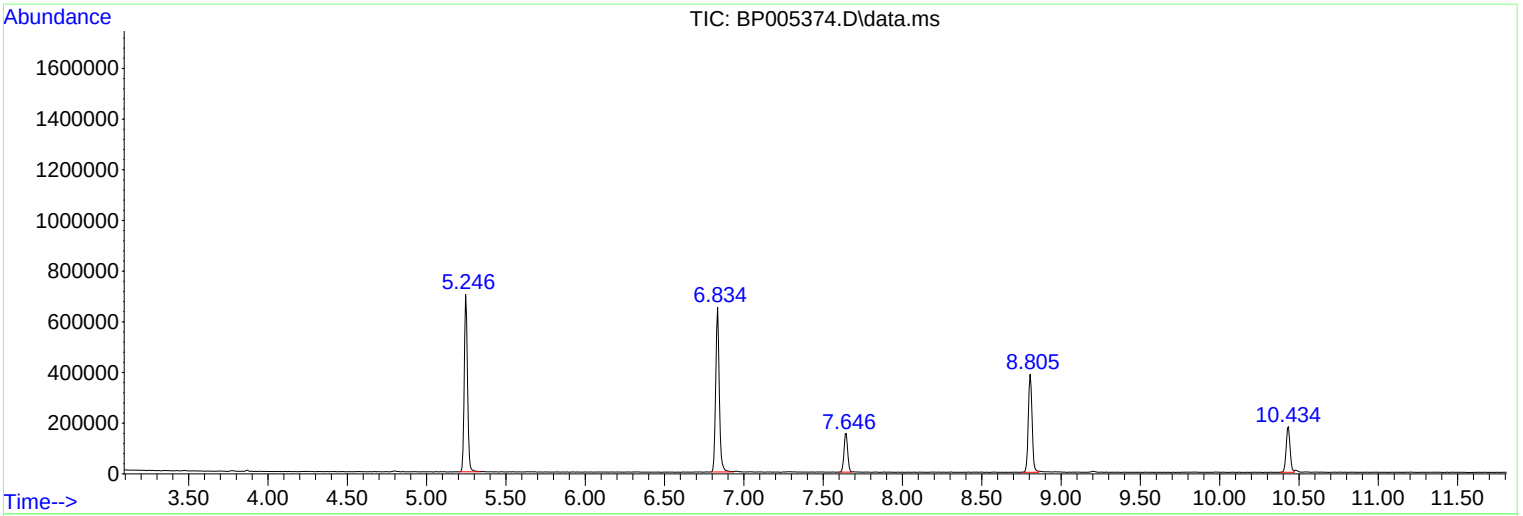
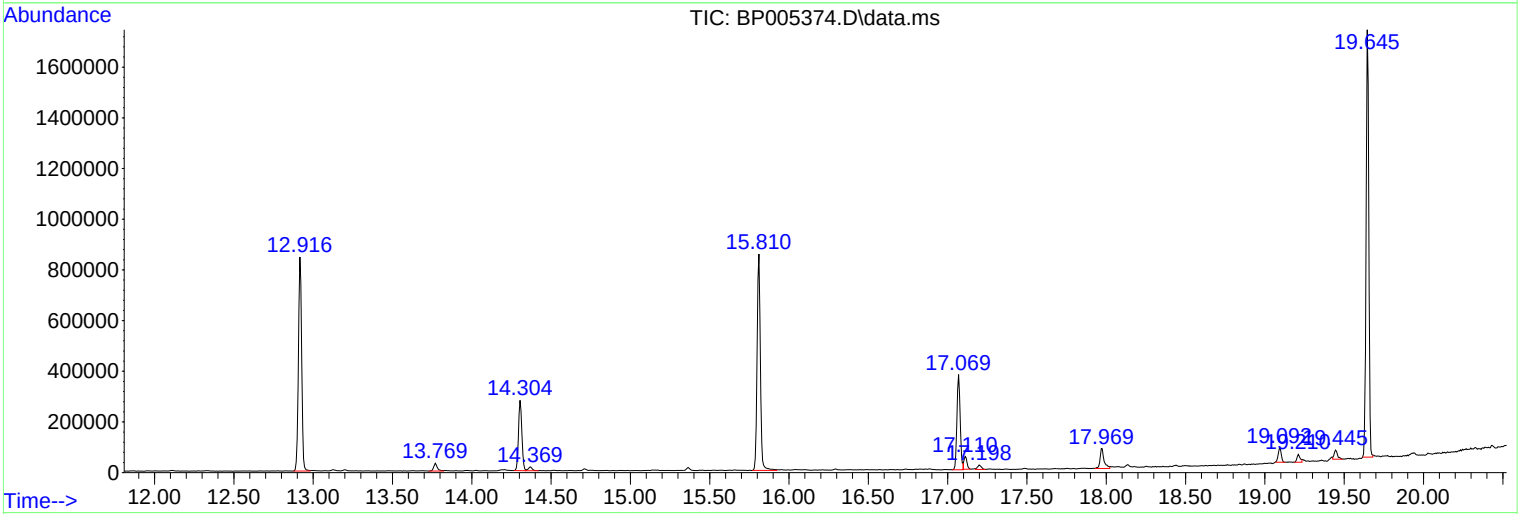
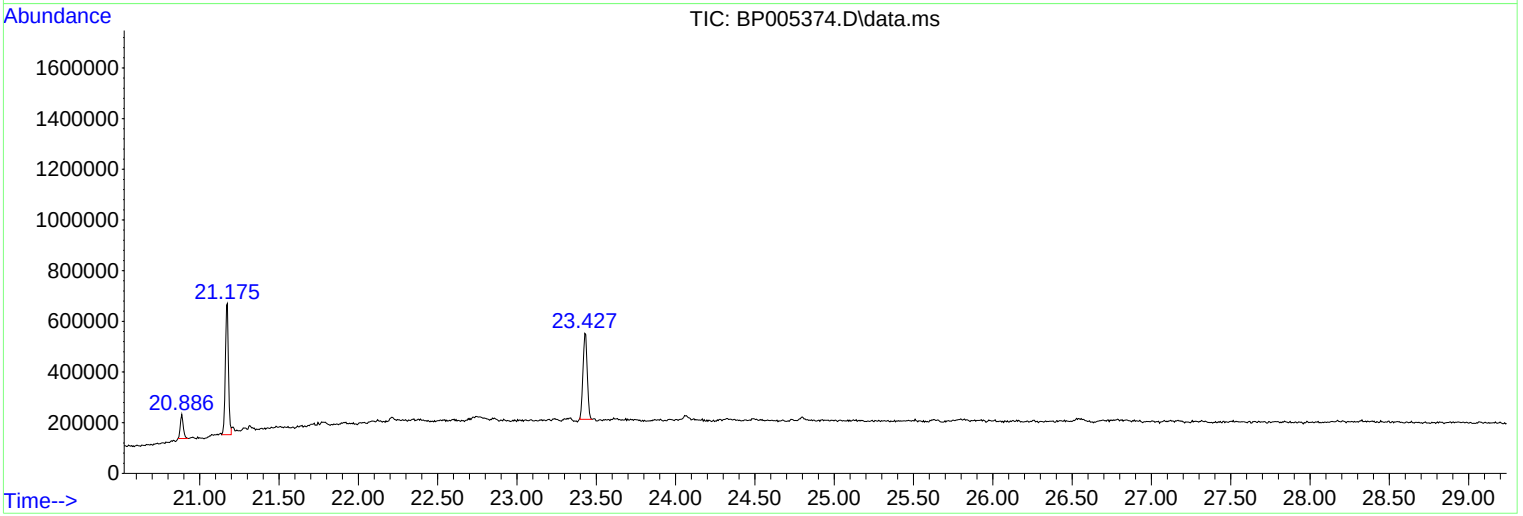
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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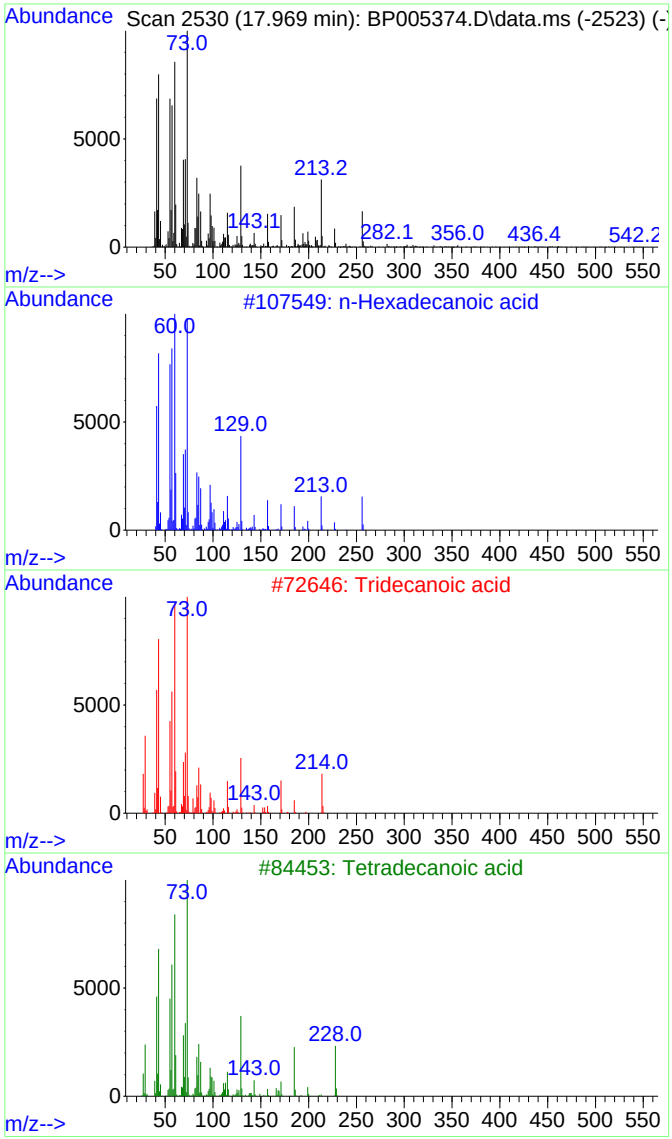
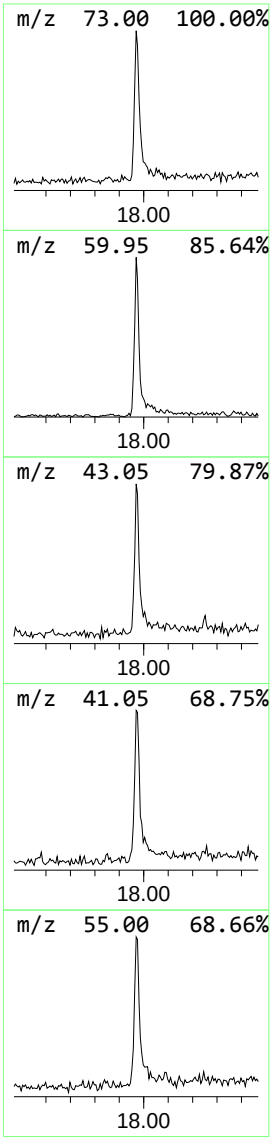
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.969	5.27 ng	139362	Phenanthrene-d10	17.069

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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Octadecanoic acid	284	C18H36O2	000057-11-4	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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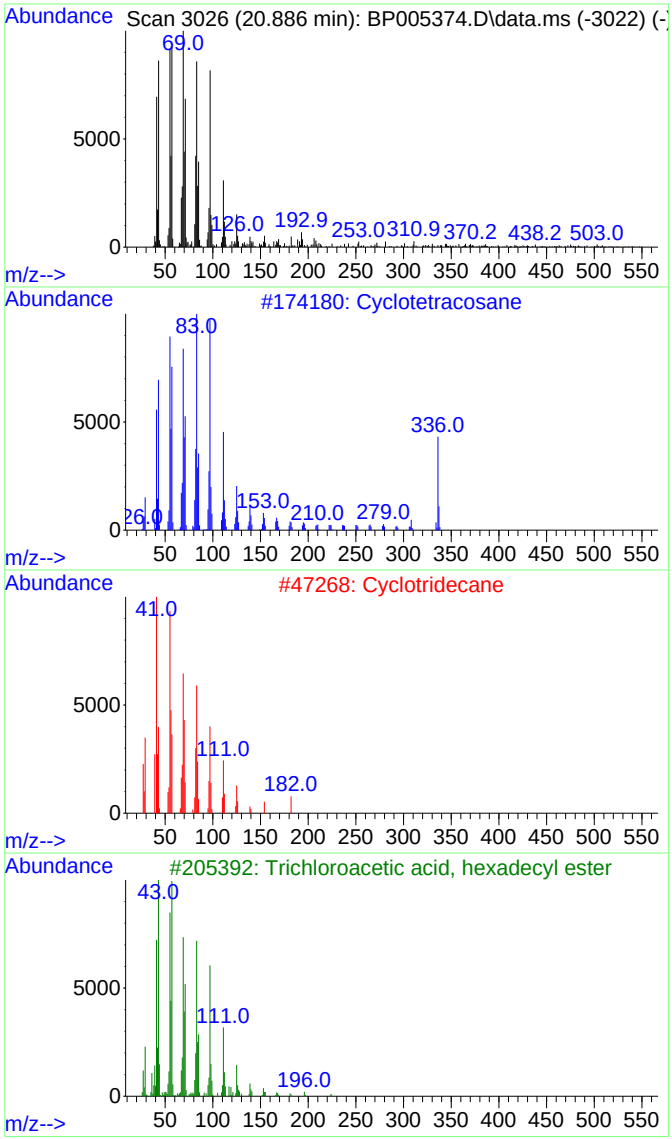
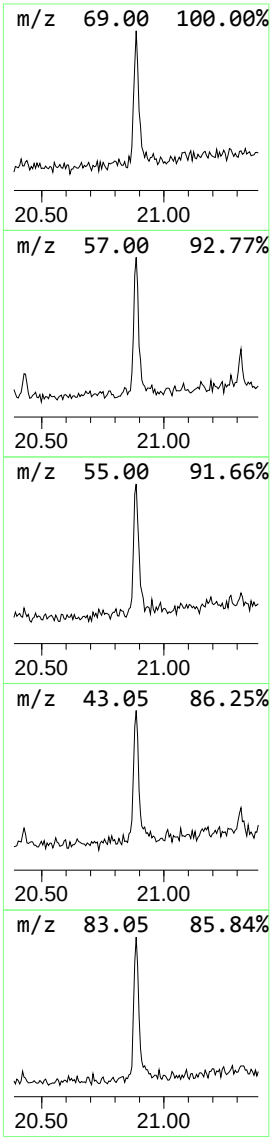
Peak Number 2 Cyclotetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.886	3.53 ng	124402	Chrysene-d12	21.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	96
2	Cyclotridecane	182	C13H26	000295-02-3	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	81





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	17.969	5.3	ng	139362	4	17.069	528843	20.0
Cyclotetracosane	20.886	3.5	ng	124402	5	21.174	705581	20.0