LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
Data File : BP019660.D
Acq On : 12 Feb 2024 13:39
Operator : MA/JU
Sample : P1394-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019660.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	400	407	417	rBV	1006962	1511068	36.05%	7.817%
2	7.075	670	678	691	rBV	983900	1574955	37.57%	8.147%
3	7.905	812	819	826	rBV	282100	451480	10.77%	2.335%
4	9.075	1008	1018	1028	rBV	606643	1035448	24.70%	5.356%
5	10.705	1287	1295	1305	rBV	346891	580475	13.85%	3.003%
6	13.169	1706	1714	1730	rBV	1501931	2332393	55.64%	12.065%
7	14.540	1940	1947	1958	rBV	483732	767005	18.30%	3.968%
8	16.034	2193	2201	2219	rBV	1412445	2189632	52.23%	11.327%
9	17.292	2409	2415	2426	rBV	671959	1011660	24.13%	5.233%
10	17.692	2478	2483	2488	rBV2	52668	73054	1.74%	0.378%
11	18.198	2563	2569	2578	rBV	293454	452871	10.80%	2.343%
12	18.610	2635	2639	2644	rVB	57429	66786	1.59%	0.345%
13	19.433	2774	2779	2793	rBV	129051	208472	4.97%	1.078%
14	19.863	2846	2852	2858	rBV	3439973	4191997	100.00%	21.685%
15	21.110	3060	3064	3071	rBV	233400	300560	7.17%	1.555%
16	21.386	3106	3111	3121	rBV2	937856	1255765	29.96%	6.496%
17	23.804	3516	3522	3535	rVB	617544	1328090	31.68%	6.870%

Sum of corrected areas: 19331711

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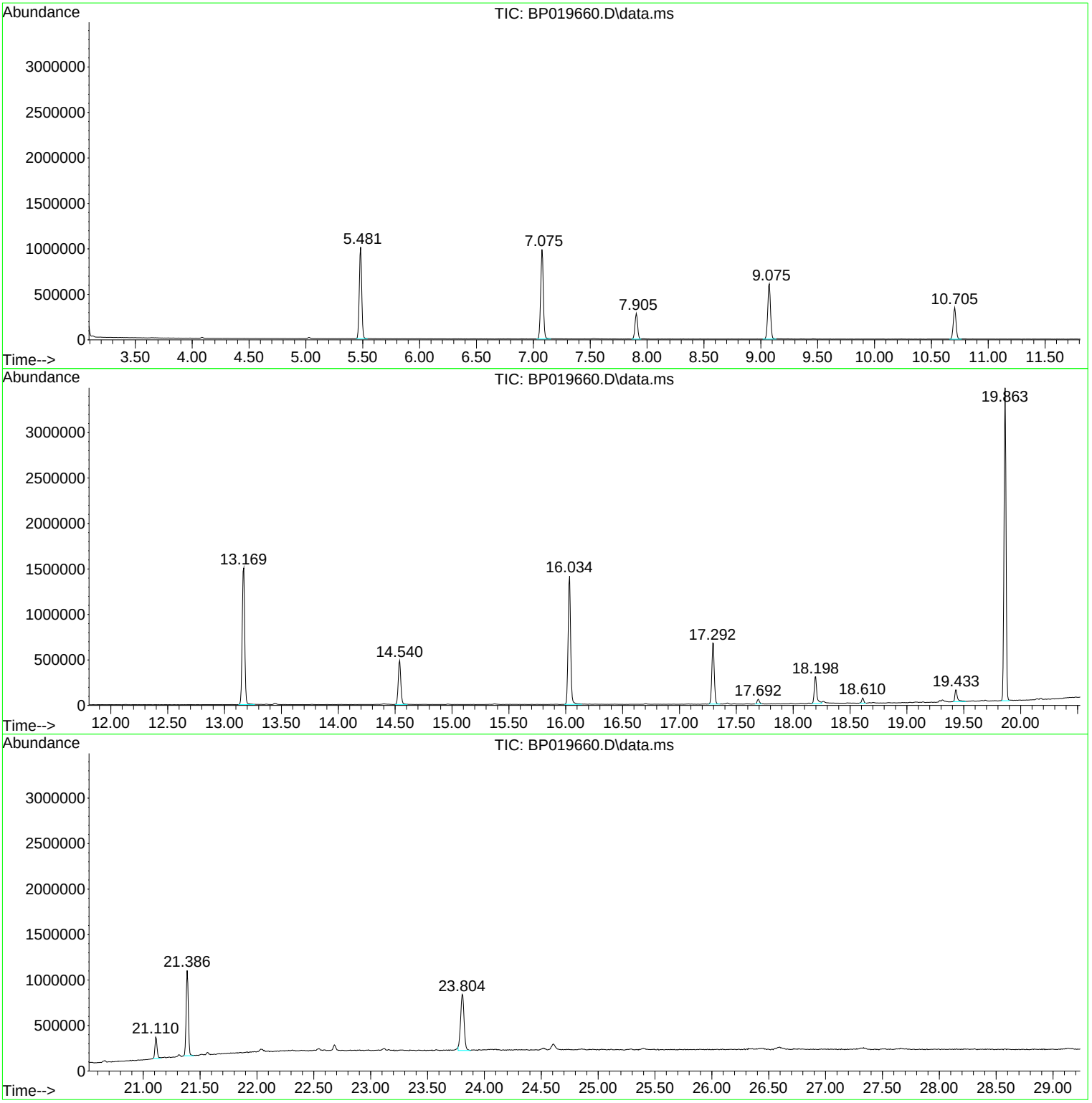
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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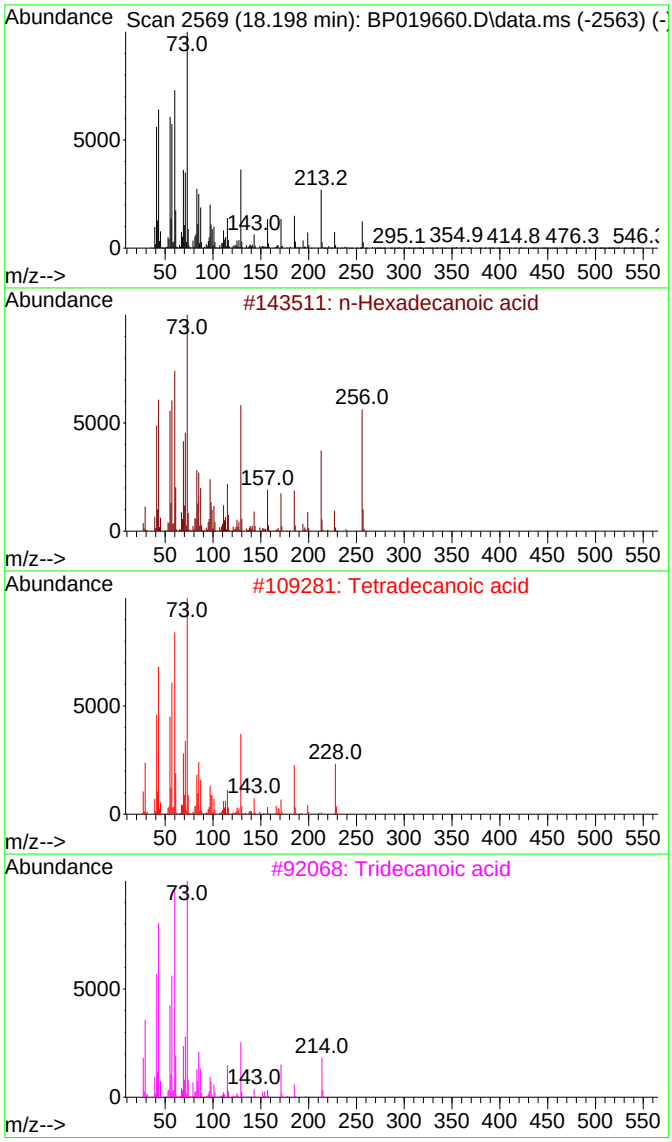
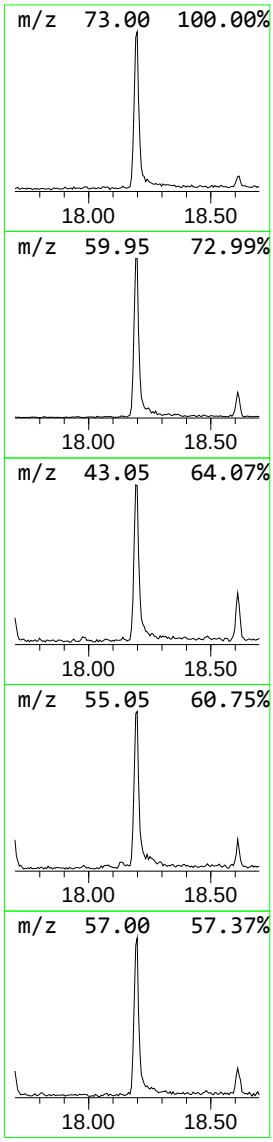
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	8.95 ng	452871	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	60





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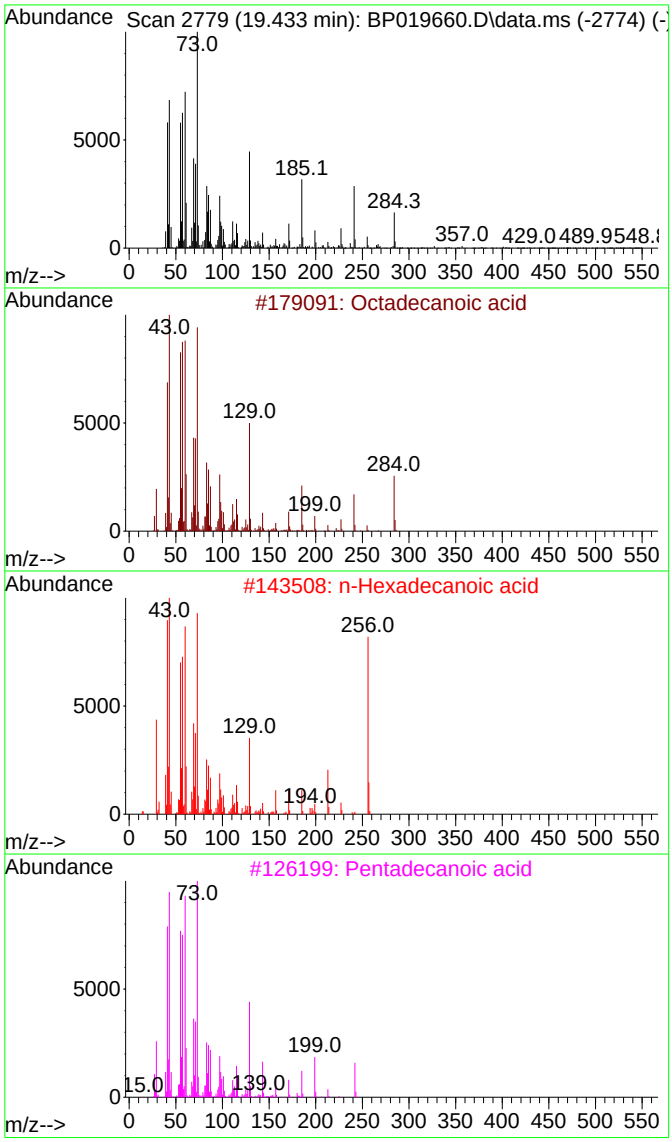
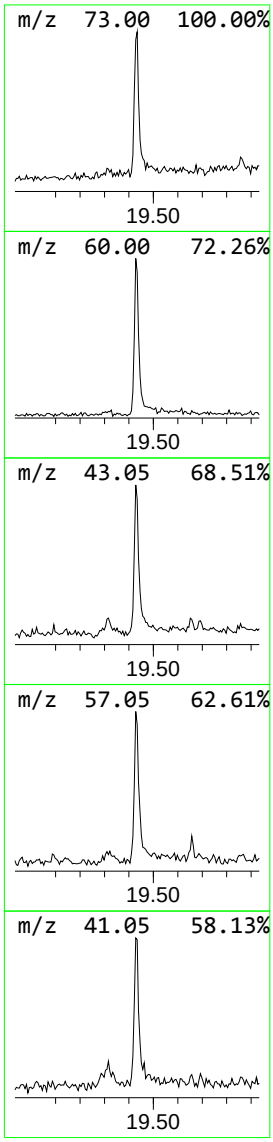
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	3.32 ng	208472	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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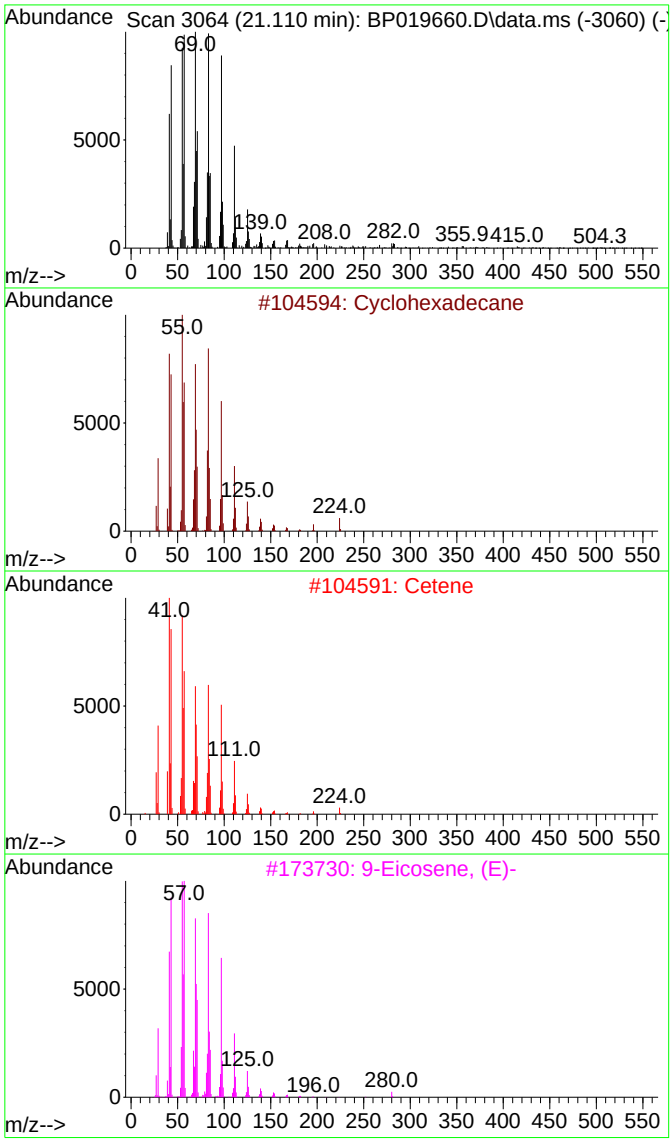
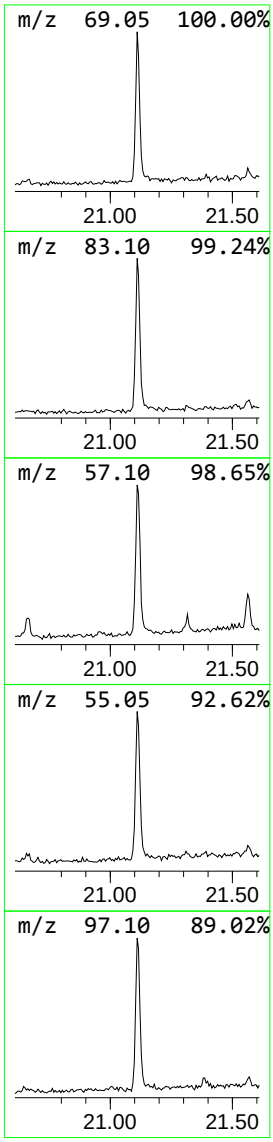
Peak Number 3 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	4.79 ng	300560	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	Cetene	224	C16H32	000629-73-2	97
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.198	8.9	ng	452871	4	17.298	1011660	20.0
Octadecanoic acid	19.433	3.3	ng	208472	5	21.386	1255770	20.0
Cyclohexadecane	21.110	4.8	ng	300560	5	21.386	1255770	20.0