LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007170.D
Acq On : 24 Sep 2021 21:39
Operator : CG/JU
Sample : M3775-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PE-2

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007170.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.463	398	404	417	rBV	1830725	2706804	20.77%	5.292%
2	7.057	667	675	686	rBV	1677106	2696606	20.70%	5.272%
3	7.887	809	816	824	rBV	1005132	1586002	12.17%	3.101%
4	9.046	1006	1013	1028	rBV	967679	1683710	12.92%	3.292%
5	10.687	1284	1292	1306	rBV	1322106	2261548	17.36%	4.422%
6	13.145	1703	1710	1724	rBV	2978121	4420121	33.92%	8.642%
7	14.363	1911	1917	1933	rBV	75442	225660	1.73%	0.441%
8	14.522	1937	1944	1959	rVB	1903323	2997718	23.01%	5.861%
9	16.010	2190	2197	2220	rBV	3386338	5062498	38.85%	9.898%
10	17.269	2405	2411	2416	rBV	2407845	3411060	26.18%	6.669%
11	17.310	2416	2418	2423	rVB	116102	136199	1.05%	0.266%
12	18.157	2556	2562	2576	rBV2	675488	1048744	8.05%	2.050%
13	19.274	2748	2752	2758	rBV	341298	441432	3.39%	0.863%
14	19.386	2767	2771	2783	rBV2	353555	601743	4.62%	1.177%
15	19.627	2808	2812	2821	rVB	255933	403287	3.10%	0.789%
16	19.827	2840	2846	2851	rBV	10778904	13029719	100.00%	25.476%
17	21.063	3053	3056	3064	rVB2	458015	553861	4.25%	1.083%
18	21.351	3100	3105	3110	rBV	2703009	3766442	28.91%	7.364%
19	23.762	3509	3515	3533	rVB2	1877450	4112762	31.56%	8.041%

Sum of corrected areas: 51145916

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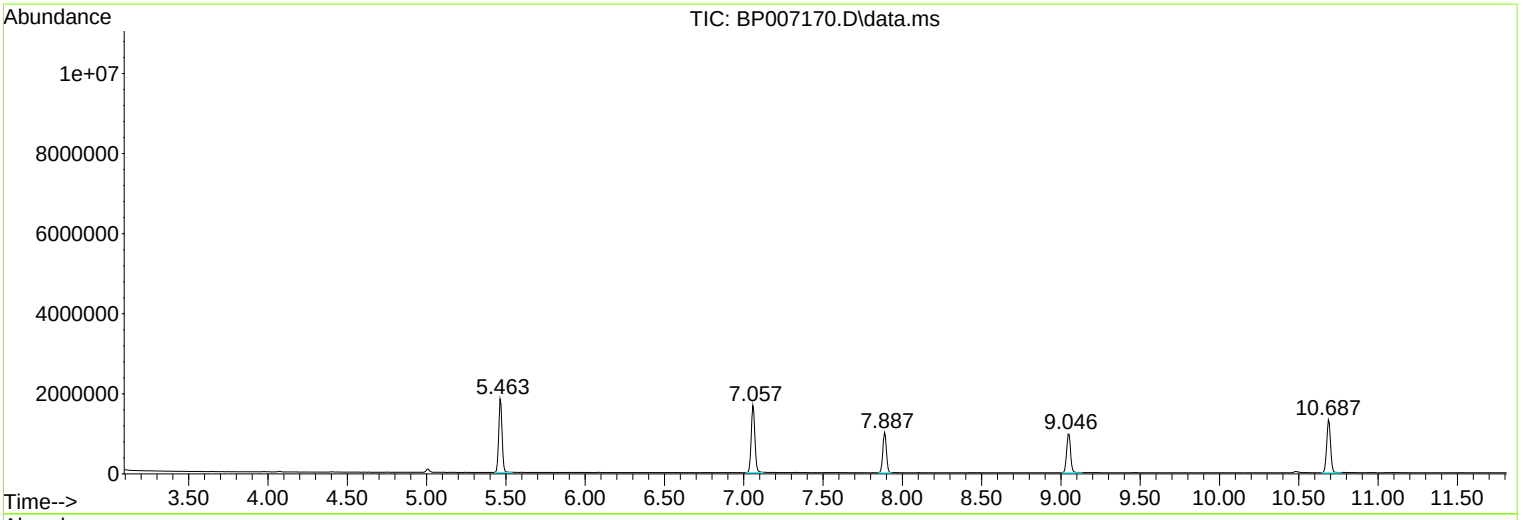
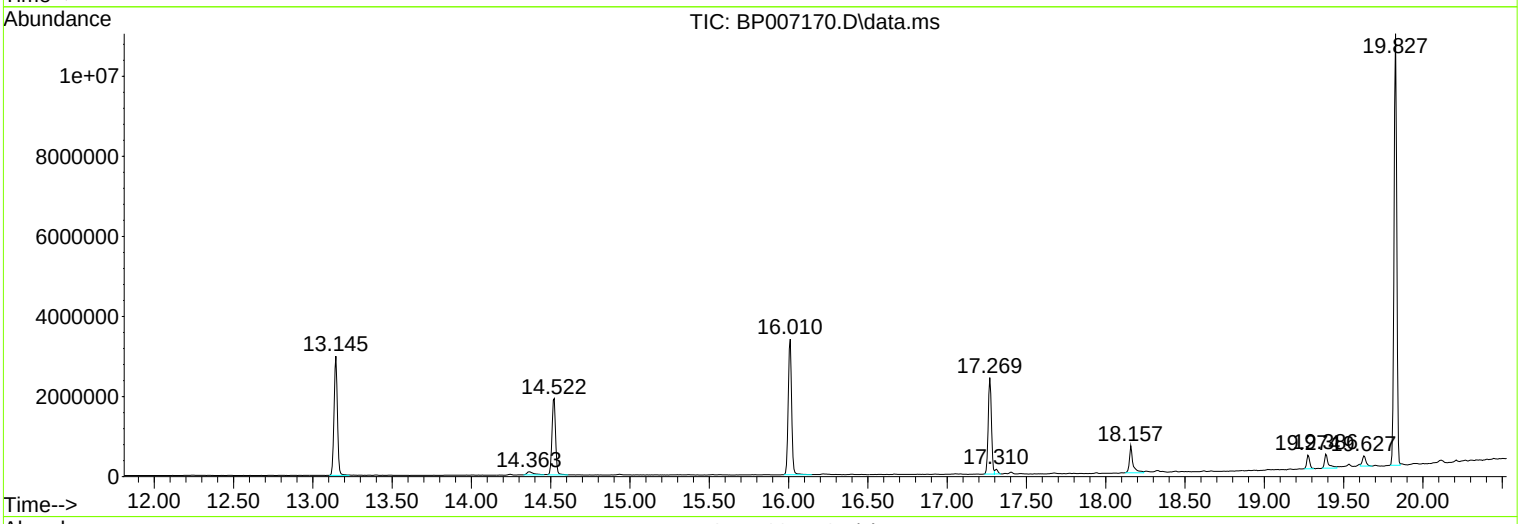
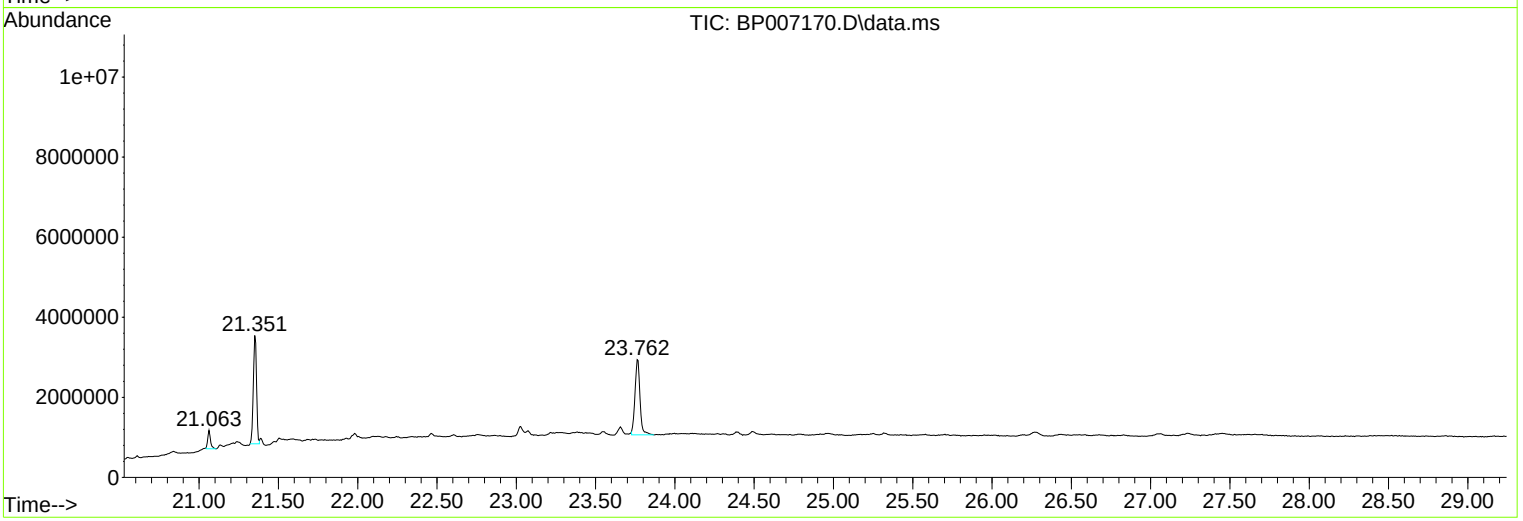
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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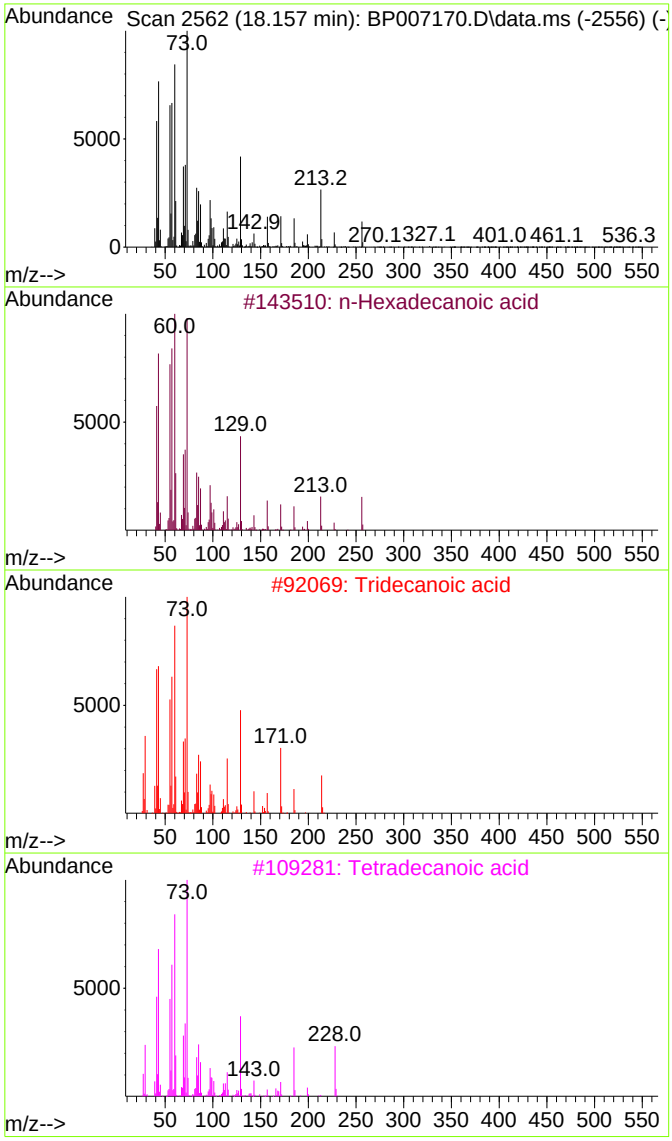
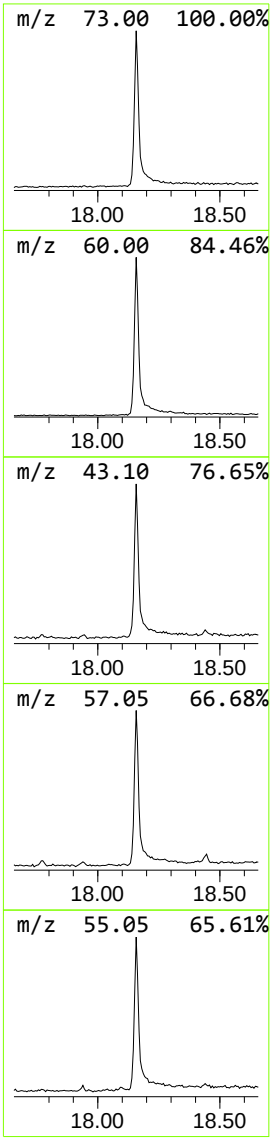
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	6.15 ng	1048740	Phenanthrene-d10	17.269

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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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BNA_P
ClientSampleId :
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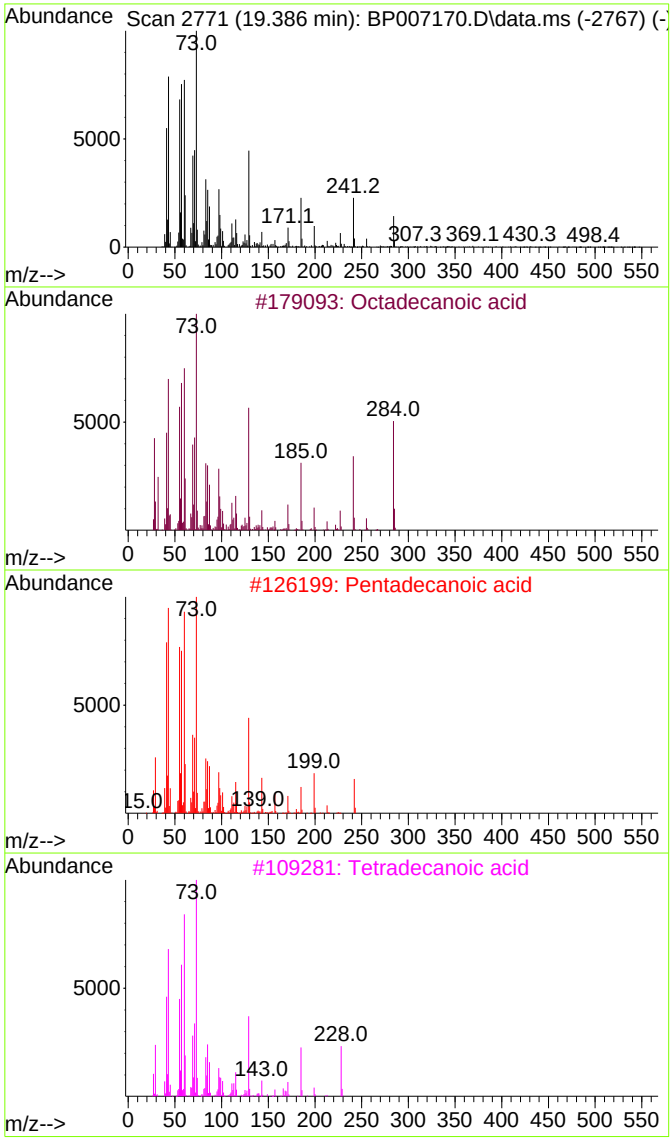
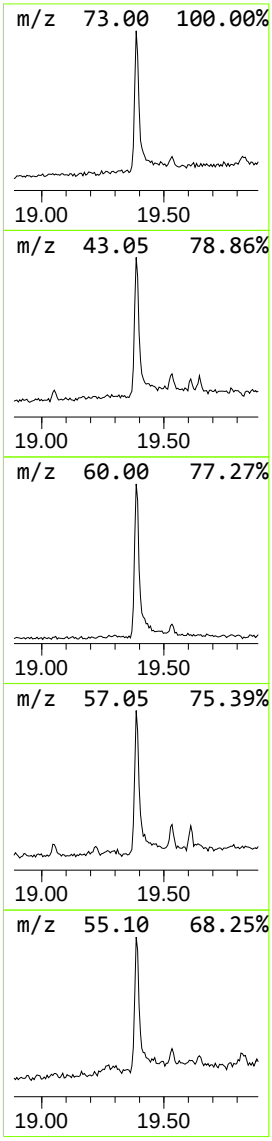
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	3.20 ng	601743	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	59





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Instrument : BNA_P
ClientSampleId : PE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
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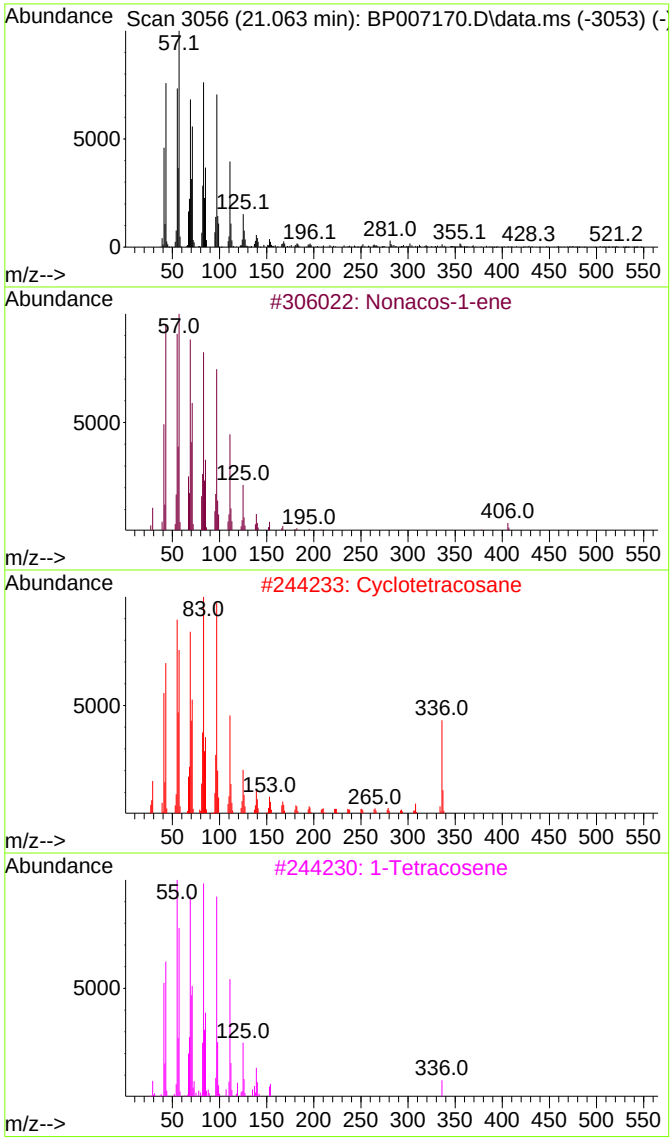
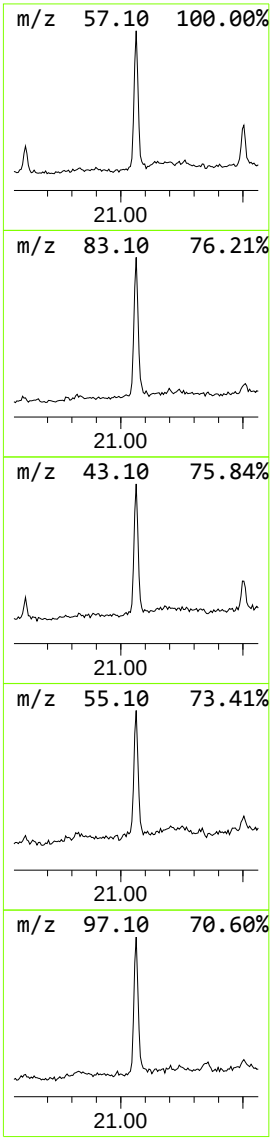
Peak Number 4 Nonacos-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.063	2.94 ng	553861	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacos-1-ene	406	C29H58	018835-35-3	98
2	Cyclotetracosane	336	C24H48	000297-03-0	98
3	1-Tetracosene	336	C24H48	010192-32-2	98
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
5	Heptacos-1-ene	378	C27H54	015306-27-1	93





Tentatively Identified Compound (LSC) summary

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Sample : M3775-02
Misc :
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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.157	6.2	ng	1048740	4	17.269	3411060	20.0
Octadecanoic acid	19.386	3.2	ng	601743	5	21.351	3766440	20.0
Nonacos-1-ene	21.063	2.9	ng	553861	5	21.351	3766440	20.0