LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092021\
Data File : BP007067.D
Acq On : 21 Sep 2021 00:49
Operator : CG/JU
Sample : M3786-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CHRT-26878

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: BP007067.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	419	rBV	4394742	6397345	52.30%	9.333%
2	7.069	669	677	691	rBV	3940798	6417990	52.47%	9.363%
3	7.904	813	819	827	rVB	1118281	1722331	14.08%	2.513%
4	9.063	1005	1016	1027	rBV	2400649	4040957	33.04%	5.895%
5	10.493	1253	1259	1271	rBV	107954	235663	1.93%	0.344%
6	10.704	1288	1295	1308	rBV	1461904	2417871	19.77%	3.527%
7	13.157	1704	1712	1728	rBV	6158906	9348709	76.43%	13.638%
8	14.534	1939	1946	1954	rBV	2166377	3217800	26.31%	4.694%
9	16.016	2192	2198	2215	rBV	5013967	7455956	60.96%	10.877%
10	17.280	2407	2413	2418	rBV	2723636	3812892	31.17%	5.562%
11	18.169	2559	2564	2572	rBV	657183	962798	7.87%	1.405%
12	19.286	2750	2754	2759	rVB	126487	168350	1.38%	0.246%
13	19.398	2769	2773	2782	rBV	305891	460257	3.76%	0.671%
14	19.639	2810	2814	2821	rVB	119239	206567	1.69%	0.301%
15	19.833	2842	2847	2858	rVB	10328162	12231016	100.00%	17.843%
16	21.068	3053	3057	3066	rBV	635079	850481	6.95%	1.241%
17	21.357	3101	3106	3111	rBV	3262145	4283179	35.02%	6.248%
18	23.774	3510	3517	3525	rVB2	2136252	4318328	35.31%	6.300%

Sum of corrected areas: 68548490

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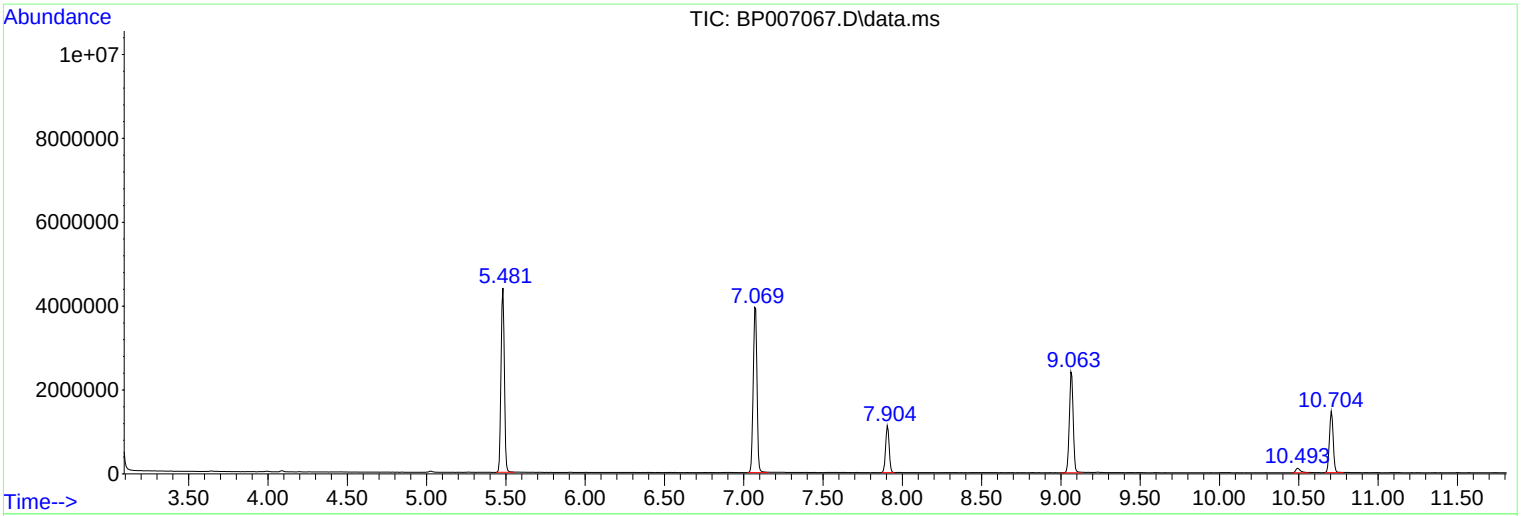
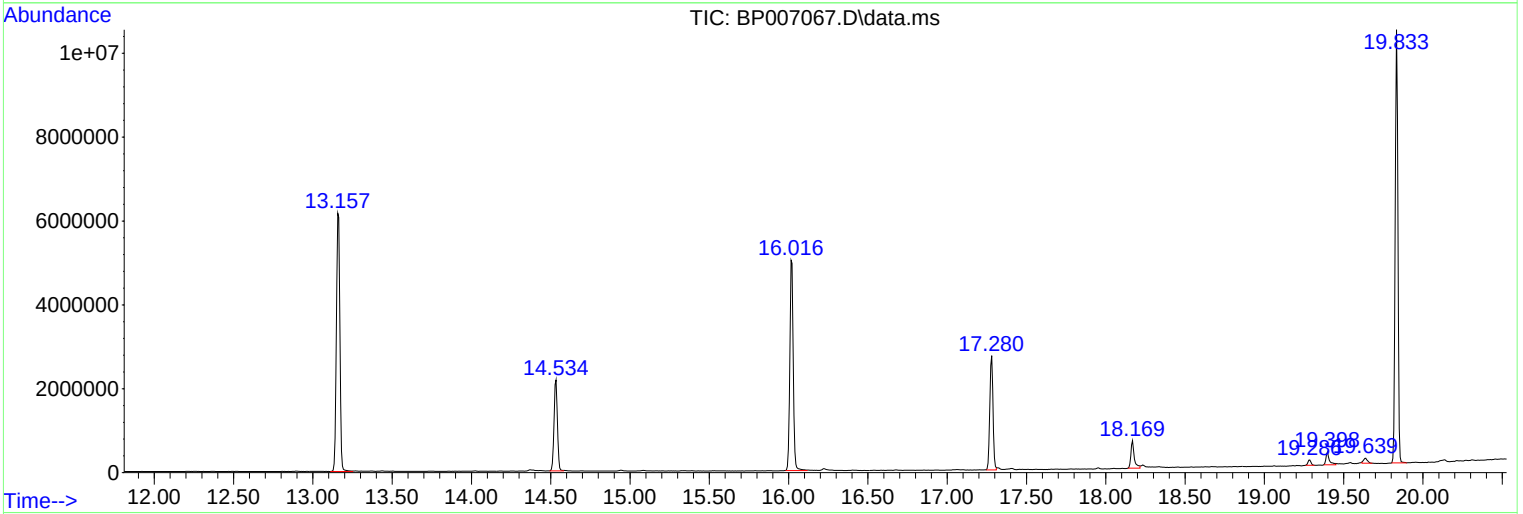
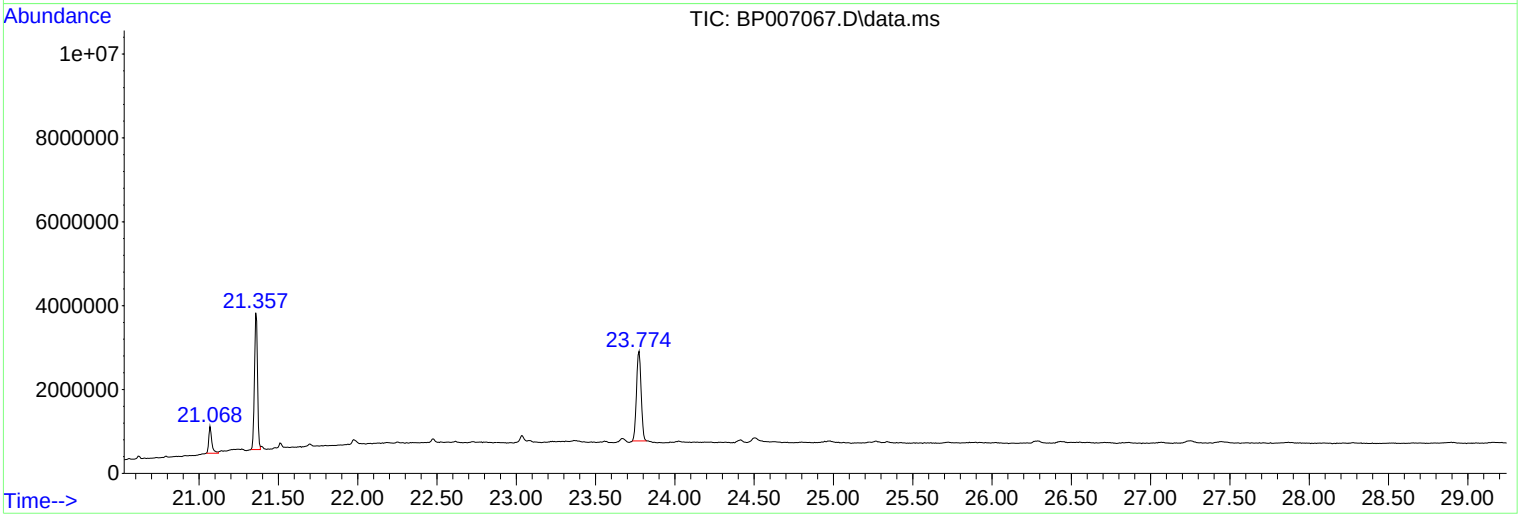
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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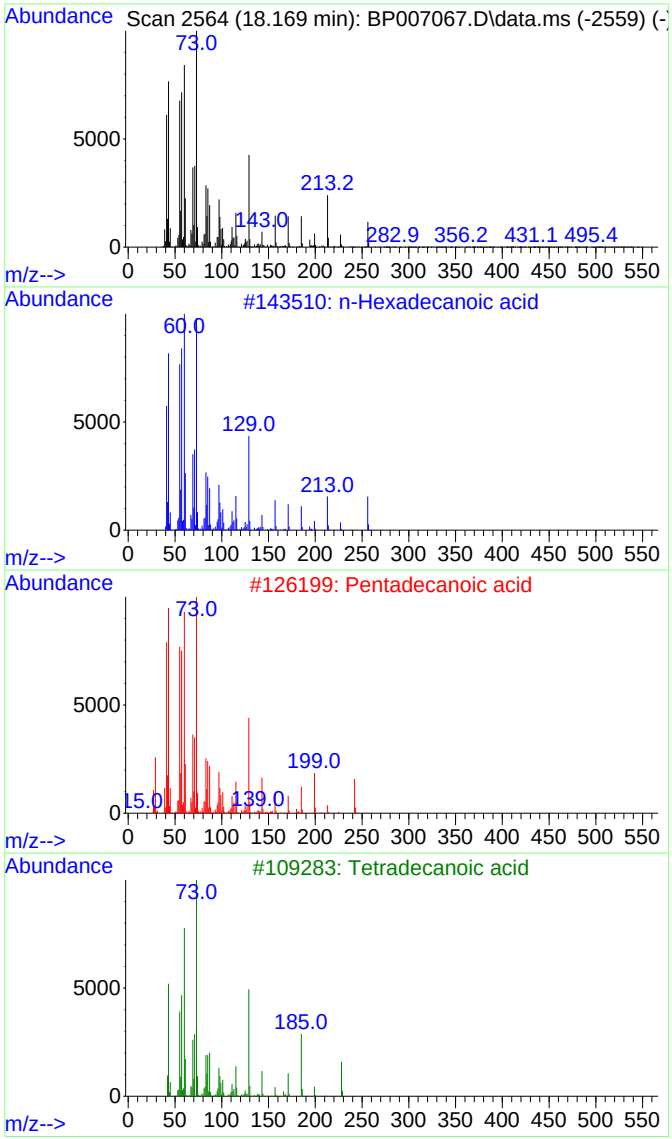
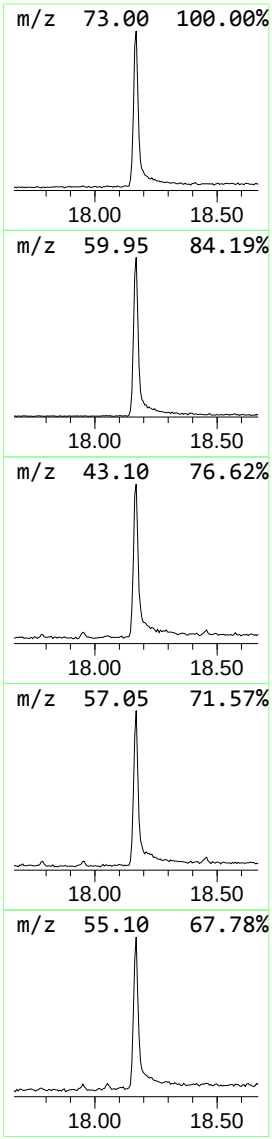
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	5.05 ng	962798	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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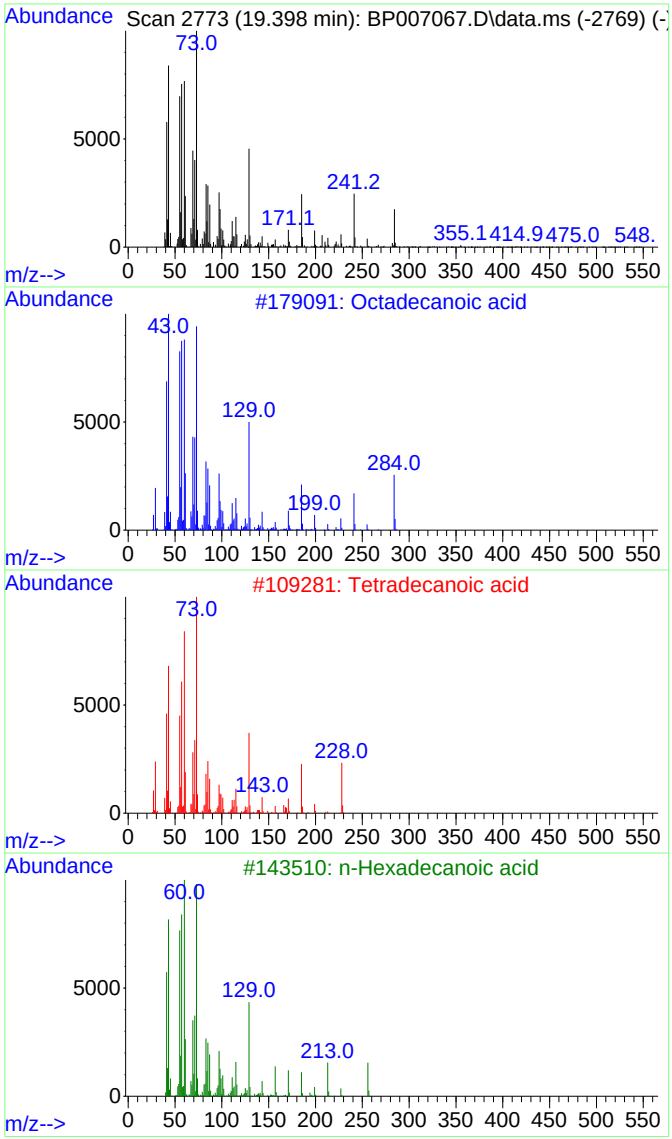
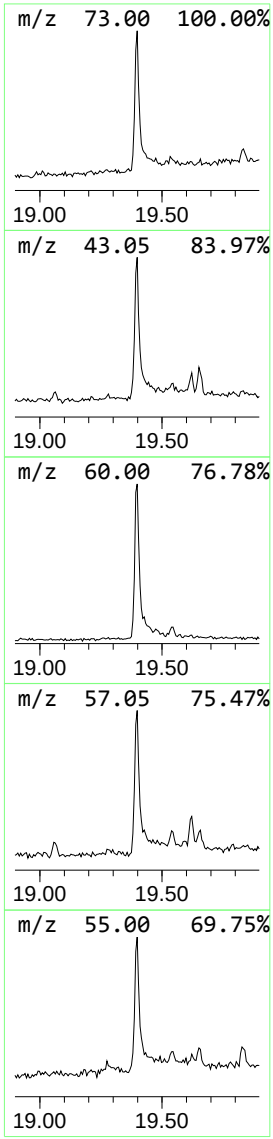
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	2.15 ng	460257	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	59





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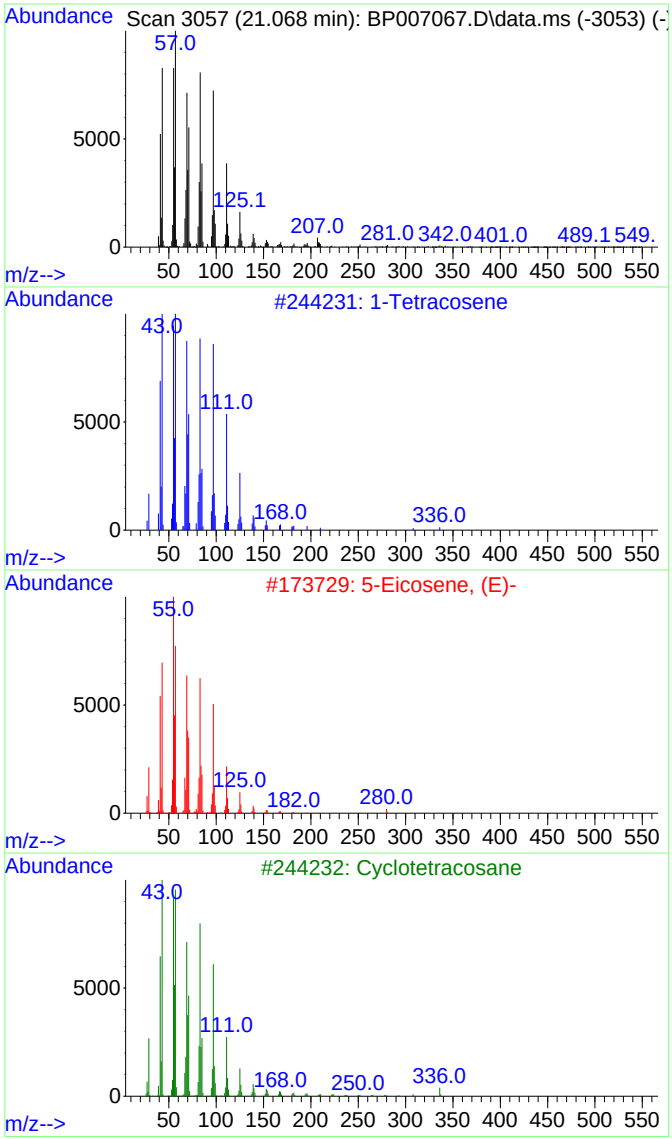
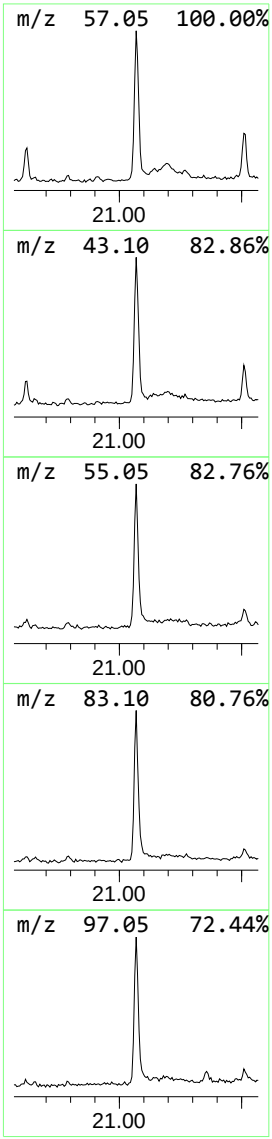
Peak Number 3 1-Tetracosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.069	3.97 ng	850481	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3	Cyclotetracosane	336	C24H48	000297-03-0	95
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	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 ...	18.169	5.0	ng	962798	4	17.280	3812890	20.0
Octadecanoic acid	19.398	2.1	ng	460257	5	21.357	4283180	20.0
1-Tetracosene	21.069	4.0	ng	850481	5	21.357	4283180	20.0