LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005280.D
Acq On : 13 Apr 2021 11:03
Operator : CG/JU
Sample : PB135663BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB135663BL

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-BP040921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005280.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.281	367	373	383	rVB	1355520	1944695	62.47%	12.836%
2	6.869	636	643	653	rVB	1076065	1689313	54.27%	11.151%
3	7.675	774	780	786	rVB	180408	273891	8.80%	1.808%
4	8.840	970	978	988	rBV	615947	981692	31.54%	6.480%
5	10.463	1247	1254	1264	rBV	183493	304185	9.77%	2.008%
6	12.951	1668	1677	1684	rBV	1269024	1788514	57.46%	11.805%
7	14.334	1906	1912	1920	rBV	267205	394624	12.68%	2.605%
8	15.839	2161	2168	2178	rBV	1027567	1452088	46.65%	9.585%
9	17.098	2376	2382	2391	rBV	356218	494697	15.89%	3.265%
10	18.010	2525	2537	2559	rBV	435020	791340	25.42%	5.223%
11	19.245	2740	2747	2769	rBV2	259057	480058	15.42%	3.169%
12	19.680	2815	2821	2828	rBV	2753004	3112858	100.00%	20.547%
13	21.204	3075	3080	3085	rBV	433357	549296	17.65%	3.626%
14	21.322	3095	3100	3107	rBV5	34040	73302	2.35%	0.484%
15	21.880	3192	3195	3201	rBV3	43682	76388	2.45%	0.504%
16	22.516	3298	3303	3317	rVB4	44596	121654	3.91%	0.803%
17	23.468	3459	3465	3473	rBV	246650	474149	15.23%	3.130%
18	24.015	3554	3558	3570	rVB3	63475	147287	4.73%	0.972%

Sum of corrected areas: 15150031

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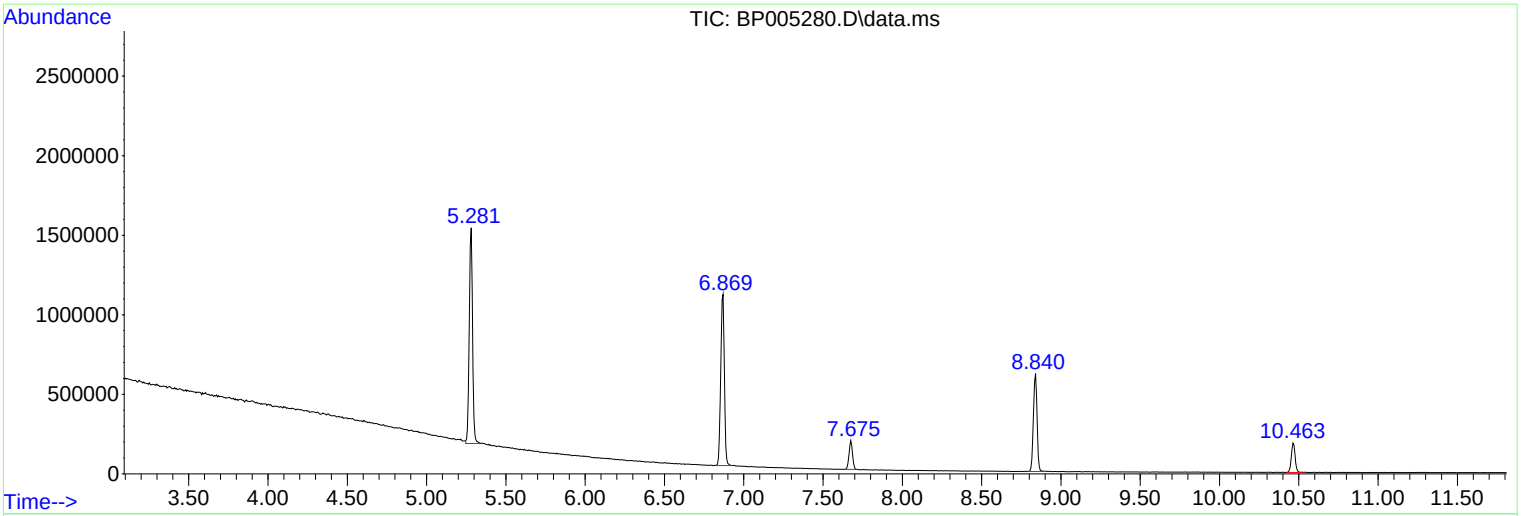
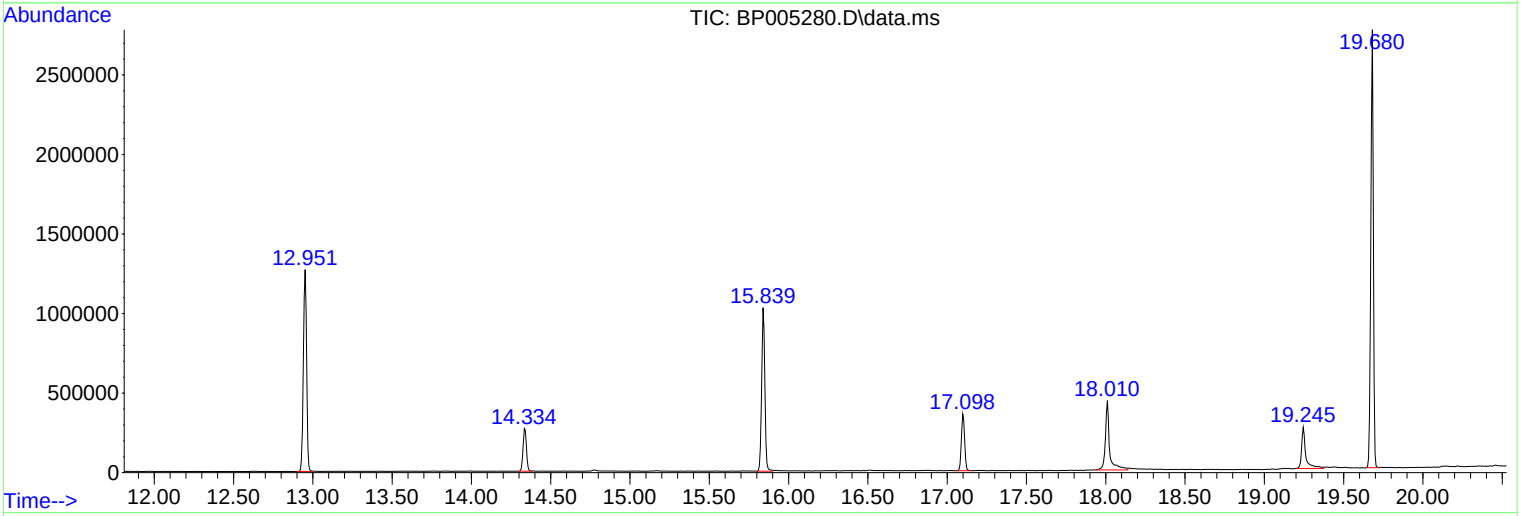
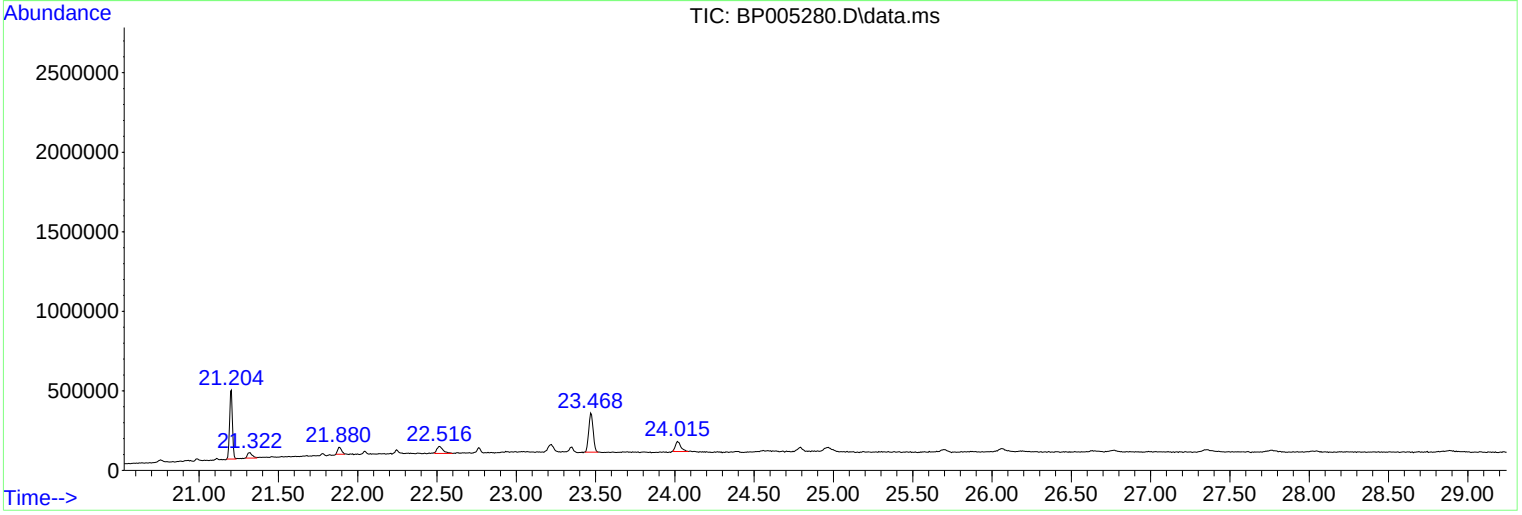
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Operator : CG/JU
Sample : PB135663BL
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ClientSampleId :
PB135663BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.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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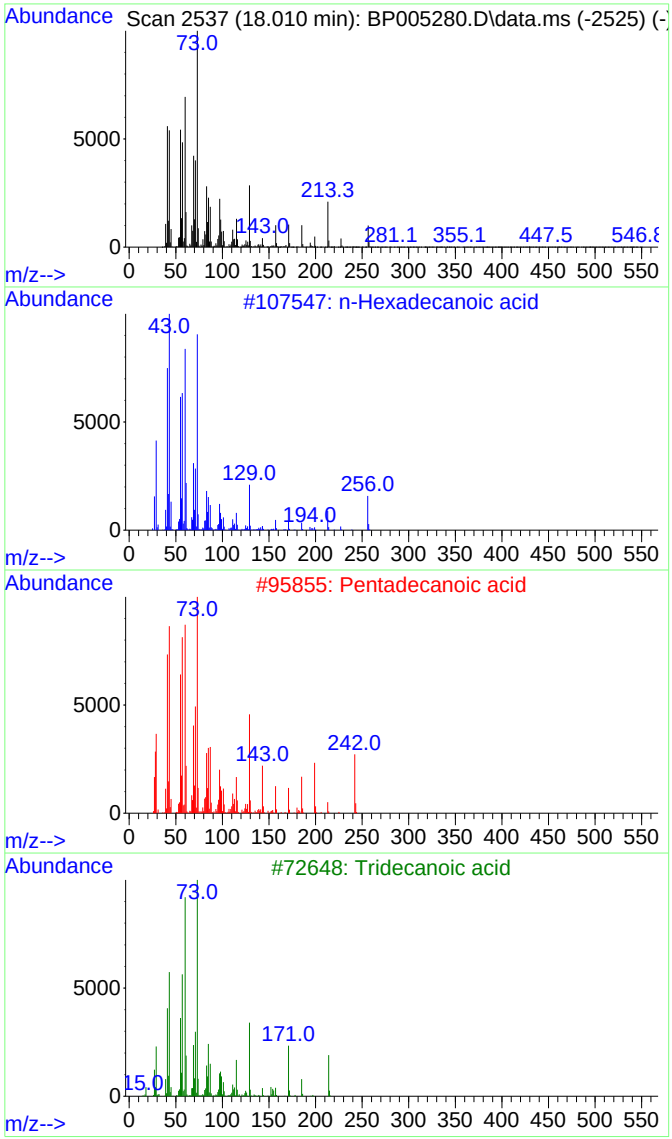
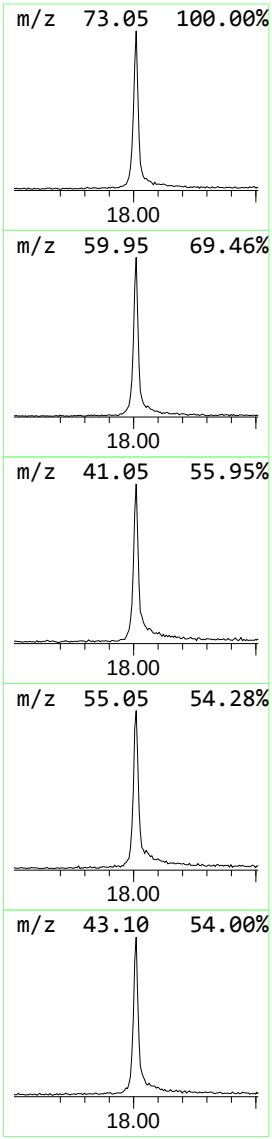
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	31.99 ng	791340	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	Tridecanoic acid	214	C13H26O2	000638-53-9	52
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	30





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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PB135663BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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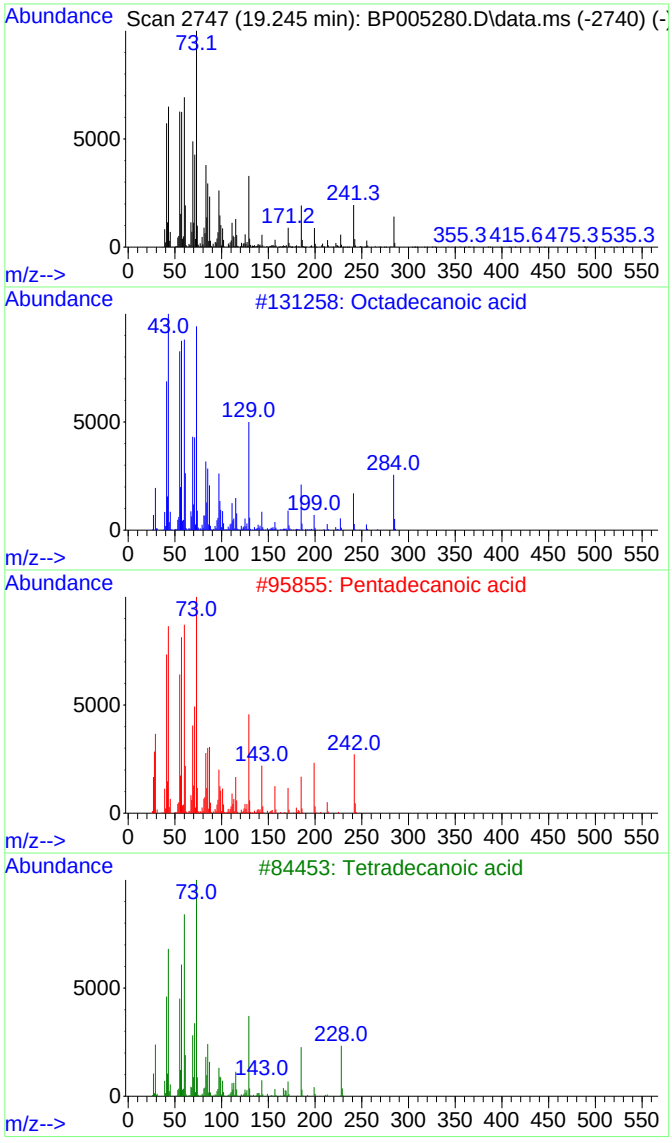
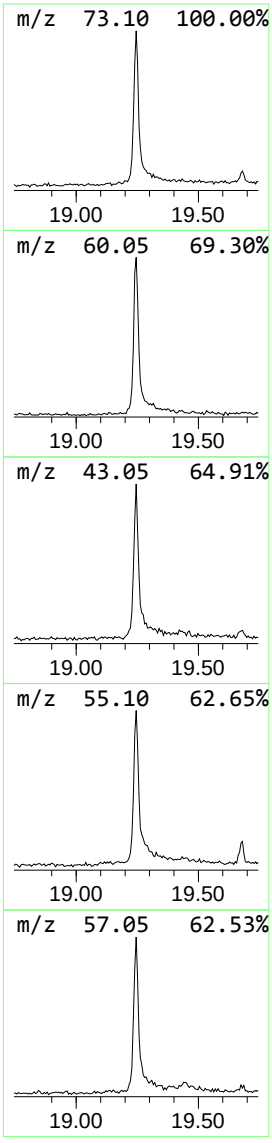
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	17.48 ng	480058	Chrysene-d12	21.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
5	Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	35





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Data File : BP005280.D
Acq On : 13 Apr 2021 11:03
Operator : CG/JU
Sample : PB135663BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB135663BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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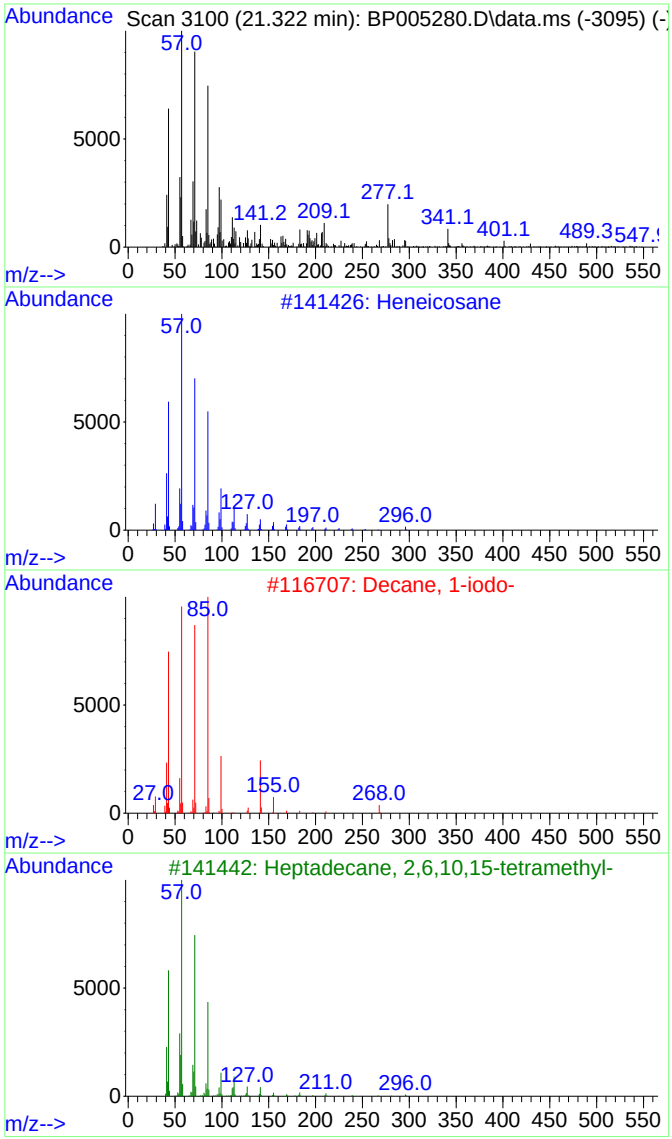
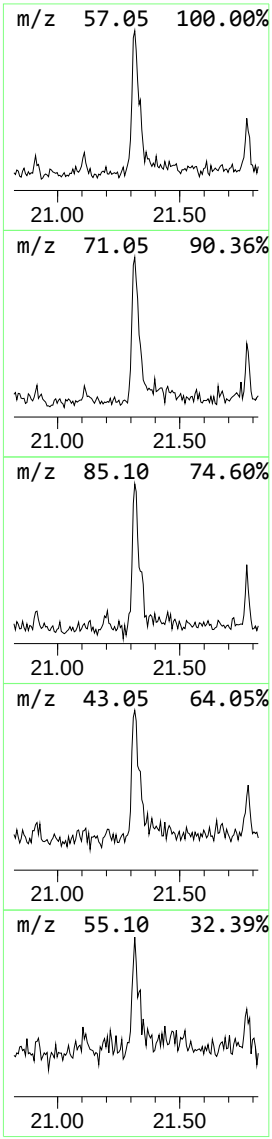
Peak Number 3 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.322	2.67 ng	73302	Chrysene-d12	21.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	89
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	81
4	Hexatriacontane	507	C36H74	000630-06-8	78
5	Nonadecane	268	C19H40	000629-92-5	76





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Operator : CG/JU
Sample : PB135663BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB135663BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
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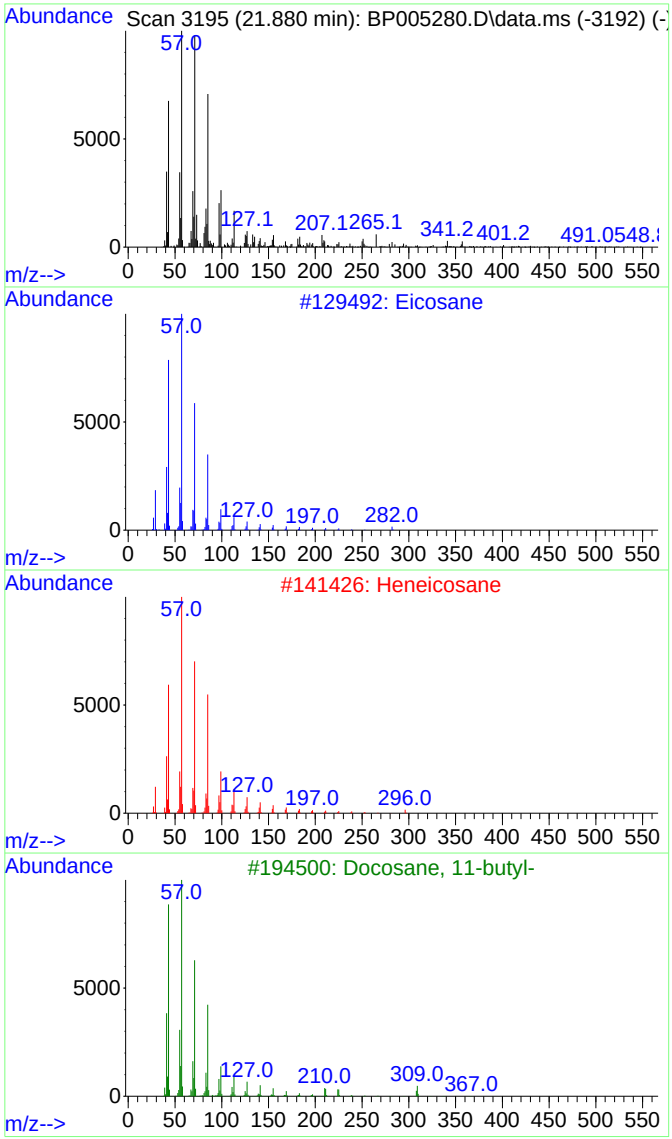
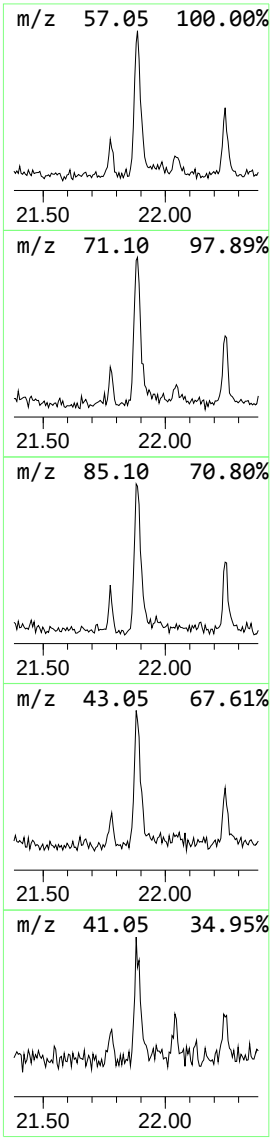
Peak Number 4 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.880	2.78 ng	76388	Chrysene-d12	21.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	81
2	Heneicosane	296	C21H44	000629-94-7	80
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	72
4	Hexadecane	226	C16H34	000544-76-3	59
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	50





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Operator : CG/JU
Sample : PB135663BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB135663BL

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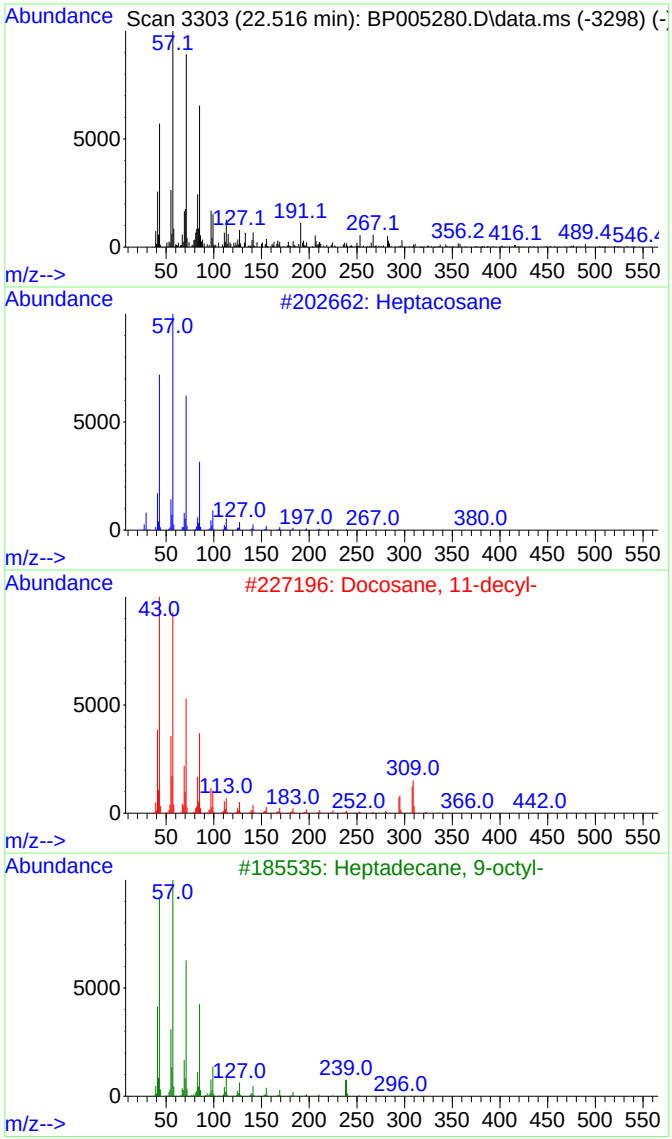
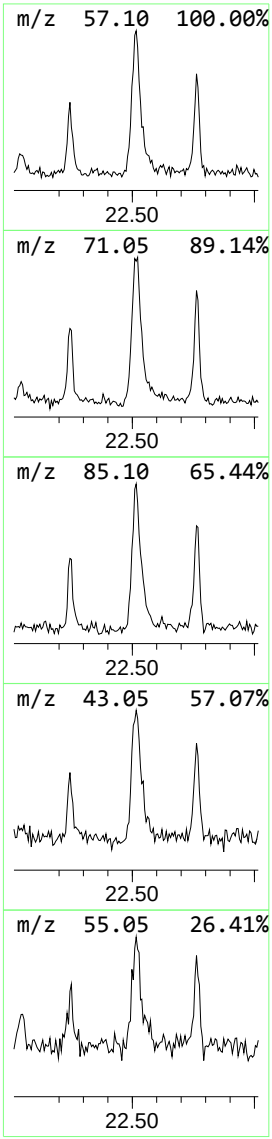
Peak Number 5 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.516	5.13 ng	121654	Perylene-d12	23.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Eicosane	282	C20H42	000112-95-8	87
5	Pentadecane	212	C15H32	000629-62-9	83





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

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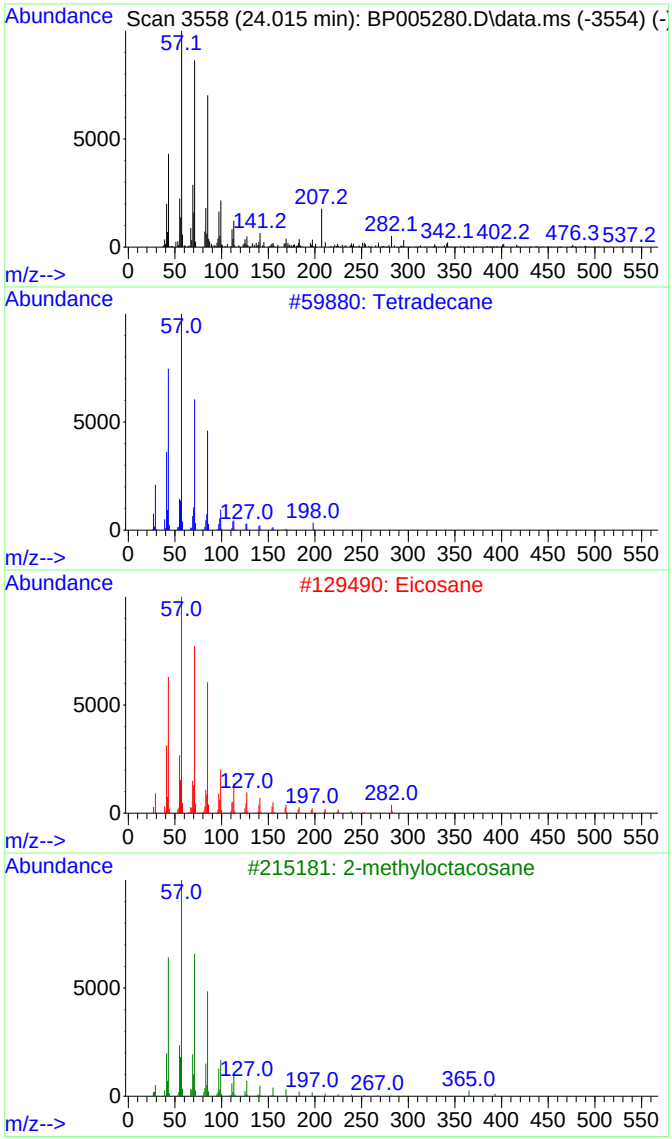
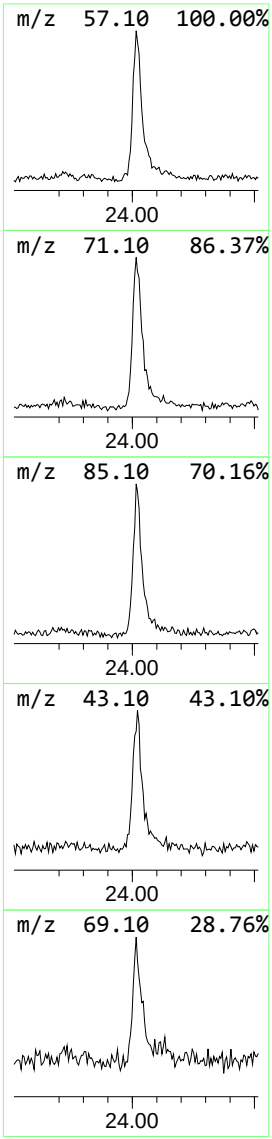
Peak Number 6 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.015	6.21 ng	147287	Perylene-d12	23.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Eicosane	282	C20H42	000112-95-8	83
3	2-methyloctacosane	408	C29H60	1000376-72-8	83
4	Docosane	310	C22H46	000629-97-0	80
5	Triacontane	422	C30H62	000638-68-6	80





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.010	32.0	ng	791340	4	17.098	494697	20.0
Octadecanoic acid	19.245	17.5	ng	480058	5	21.204	549296	20.0
Heneicosane	21.322	2.7	ng	73302	5	21.204	549296	20.0
Eicosane	21.880	2.8	ng	76388	5	21.204	549296	20.0
Heptacosane	22.516	5.1	ng	121654	6	23.468	474149	20.0
Tetradecane	24.015	6.2	ng	147287	6	23.468	474149	20.0