LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008210.D
Acq On : 03 Dec 2021 18:01
Operator : CG/JU
Sample : M4910-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-1-4

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008210.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	7	10	20	rVB	53361	80855	2.27%	0.363%
2	4.922	322	329	343	rBV	317698	450001	12.63%	2.022%
3	5.387	402	408	425	rBV	1832603	2697483	75.73%	12.118%
4	5.993	505	511	517	rBV	37863	54738	1.54%	0.246%
5	6.981	671	679	699	rBV	1629016	2742294	76.99%	12.320%
6	7.793	810	817	826	rBV	313002	494589	13.89%	2.222%
7	8.957	1005	1015	1028	rBV	1064314	1780402	49.99%	7.998%
8	10.398	1253	1260	1273	rBV	17455	48037	1.35%	0.216%
9	10.593	1282	1293	1302	rBV	363029	635092	17.83%	2.853%
10	13.063	1706	1713	1731	rBV	2245844	3446694	96.77%	15.484%
11	14.445	1941	1948	1966	rBV	487836	791090	22.21%	3.554%
12	15.939	2194	2202	2223	rBV	1546755	2558202	71.82%	11.493%
13	17.204	2411	2417	2427	rBV	558775	852013	23.92%	3.828%
14	17.328	2434	2438	2445	rVB5	36961	59033	1.66%	0.265%
15	18.104	2565	2570	2577	rBV2	65285	100222	2.81%	0.450%
16	19.774	2848	2854	2865	rBV	2928369	3561864	100.00%	16.002%
17	21.021	3062	3066	3074	rBV	185044	255626	7.18%	1.148%
18	21.304	3110	3114	3120	rBV	563542	771561	21.66%	3.466%
19	23.704	3516	3522	3531	rVB	421412	879602	24.69%	3.952%

Sum of corrected areas: 22259398

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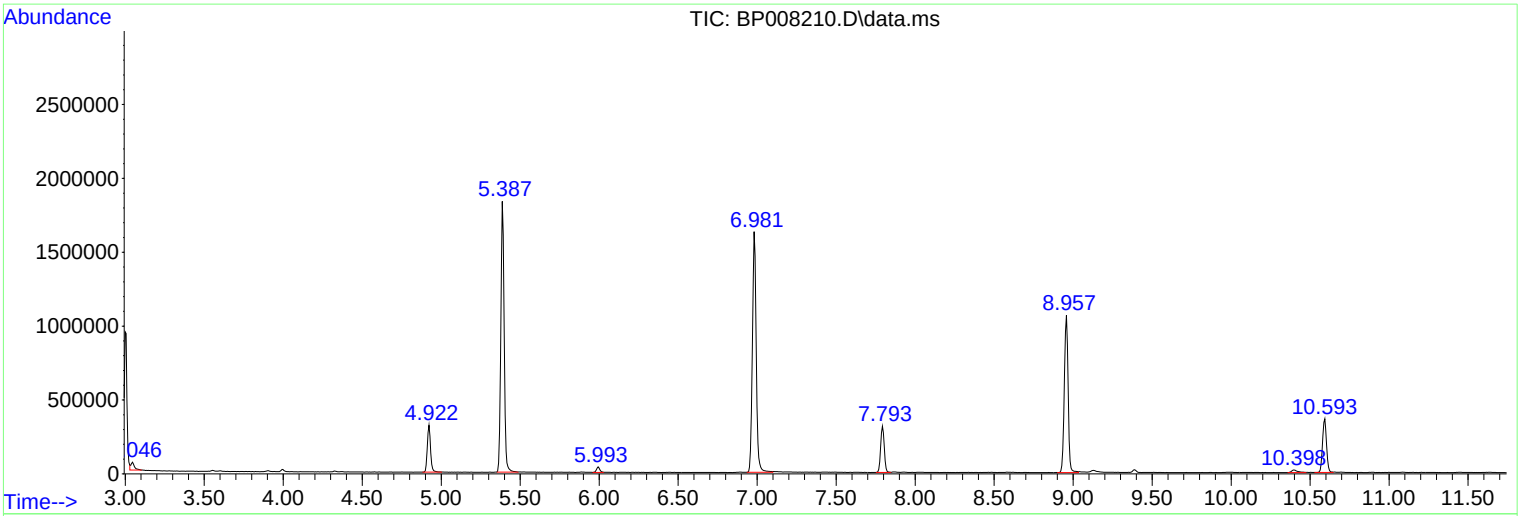
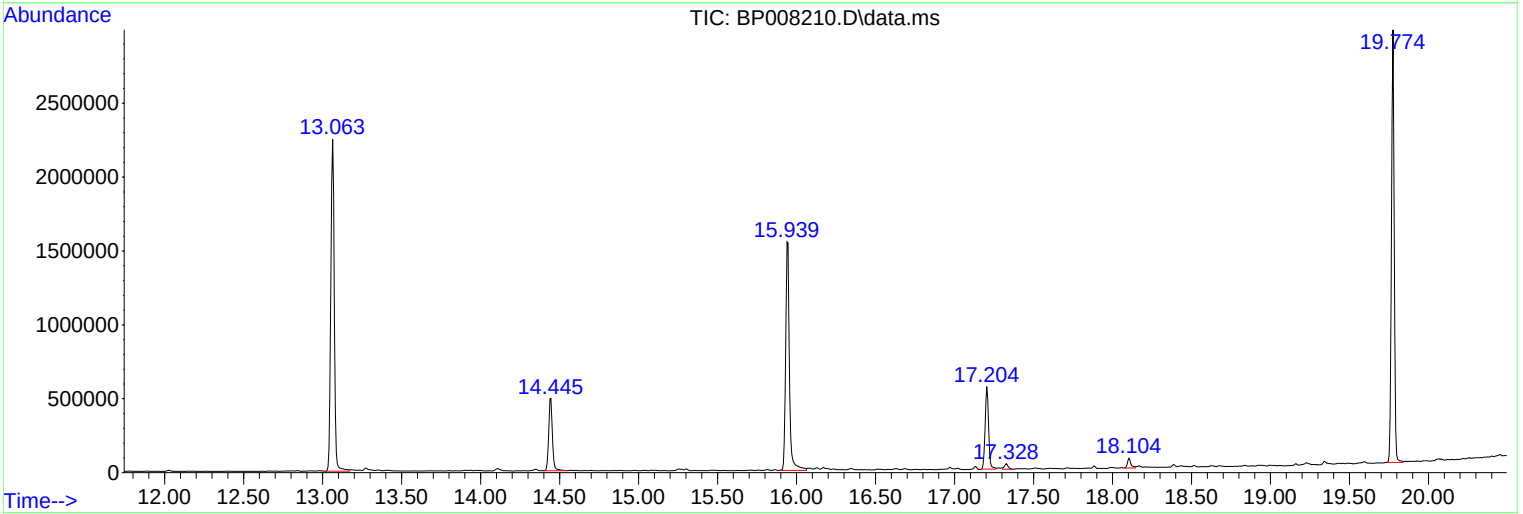
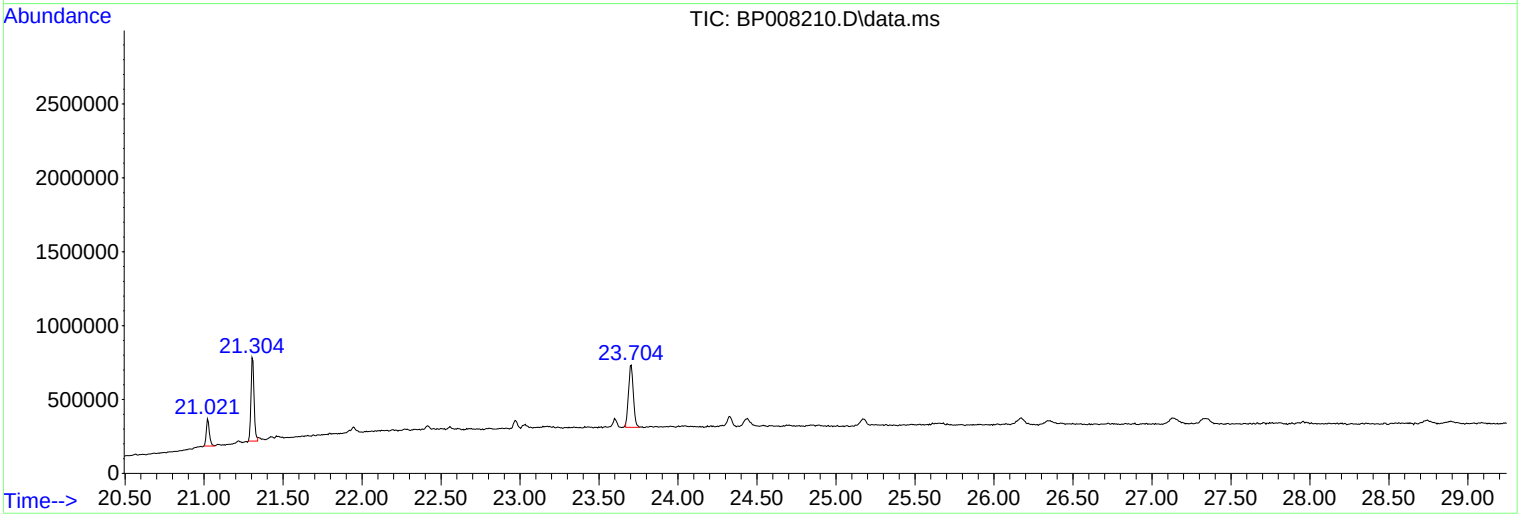
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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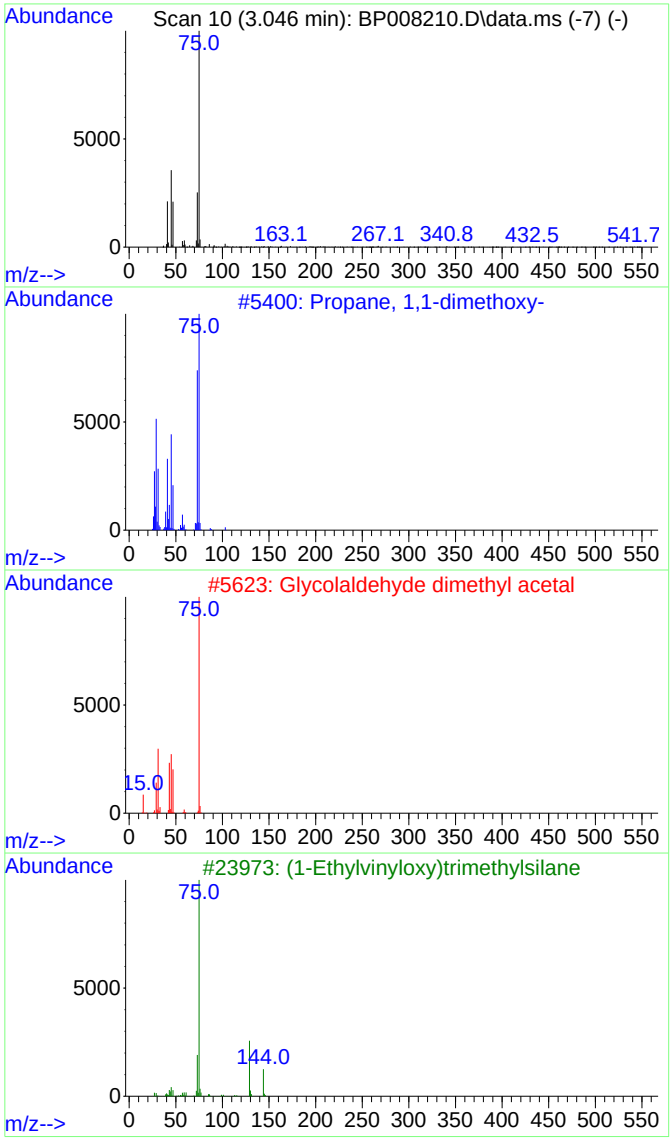
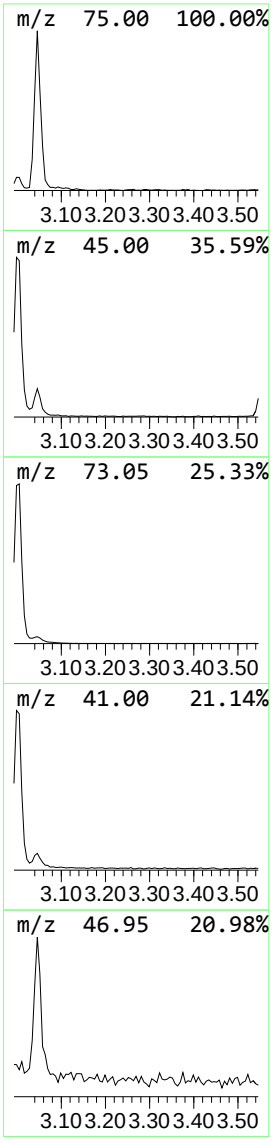
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.046	3.27 ng	80855	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	50
2	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	50
3	(1-Ethylvinyloxy)trimethylsilane	144	C7H16OSi	006651-40-7	42
4	3-Bromopropionaldehyde dimethyl ...	182	C5H11BrO2	036255-44-4	39
5	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	36





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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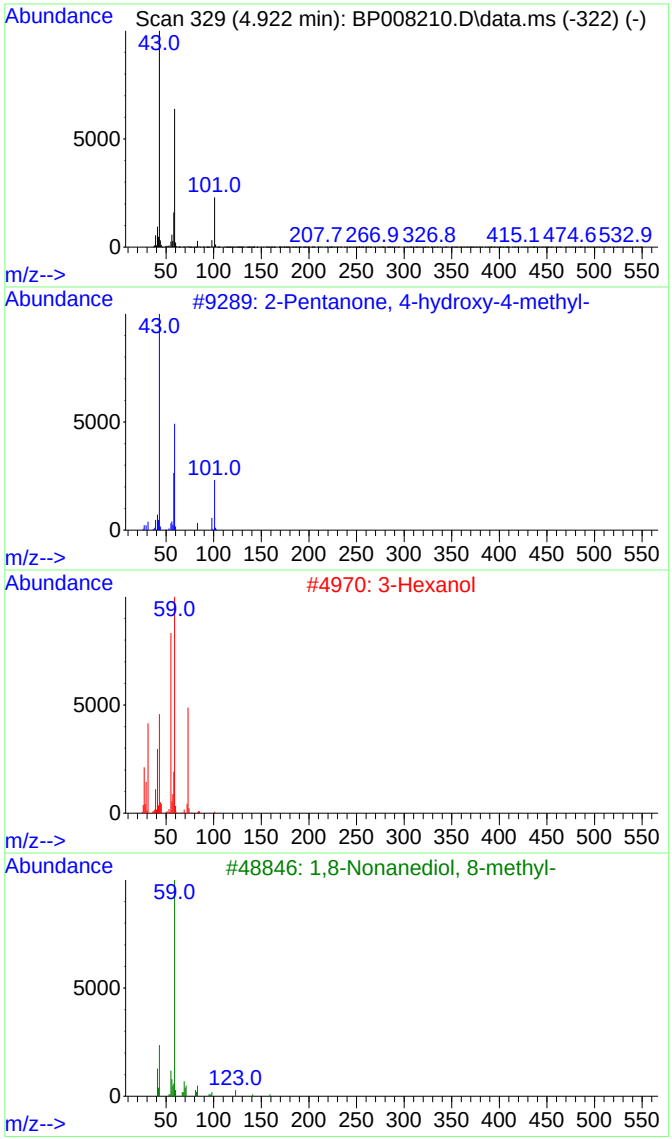
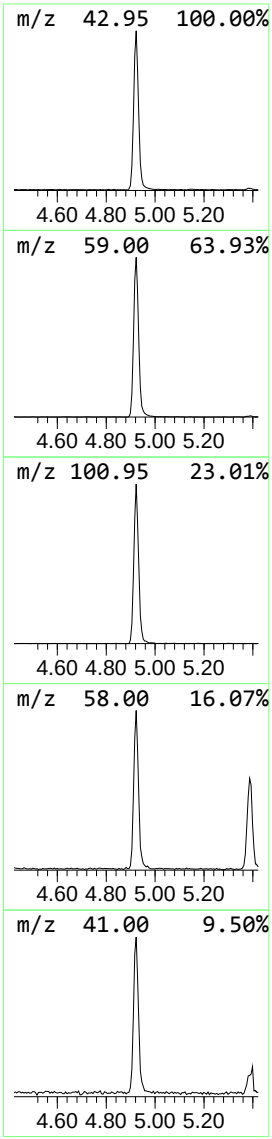
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.922	18.20 ng	450001	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol	102	C6H14O	000623-37-0	28
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





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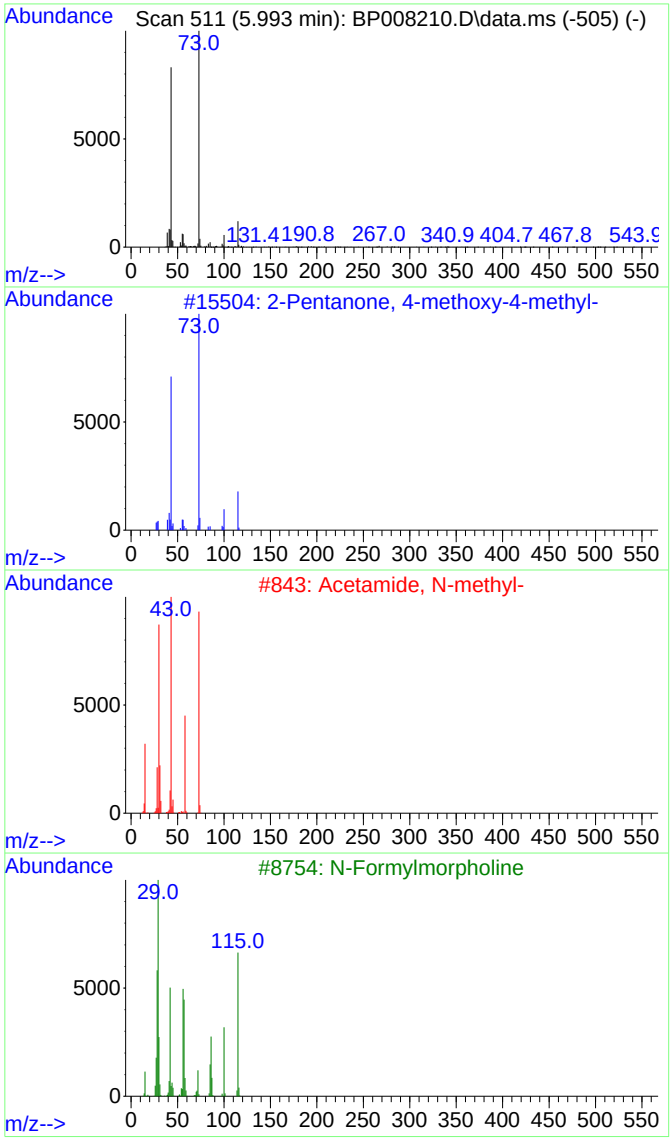
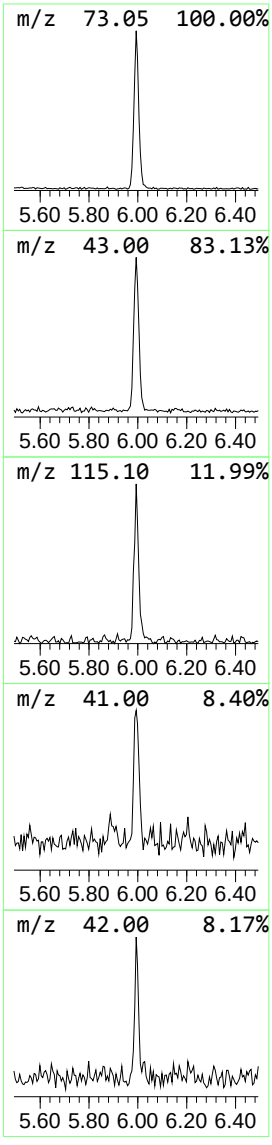
Peak Number 3 unknown5.993 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.993	2.21 ng	54738	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	59
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	25
3	N-Formylmorpholine	115	C5H9NO2	004394-85-8	9
4	1,3,5-Triacetoxy-hexahydro-1,3,5...	261	C9H15N3O6	058793-61-6	9
5	Acetamide, N-butyl-	115	C6H13NO	001119-49-9	9





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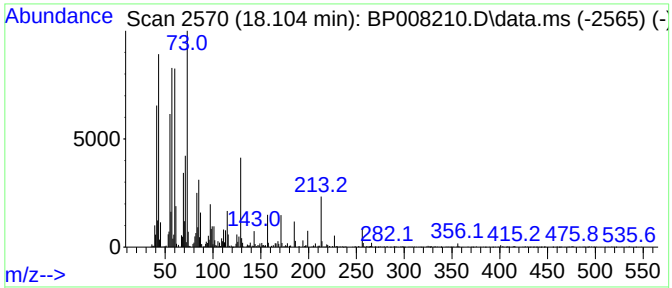
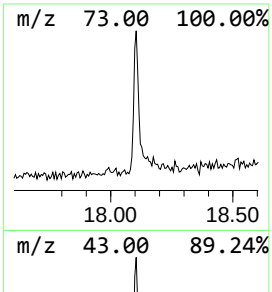
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	2.35 ng	100222	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Octadecanoic acid	284	C18H36O2	000057-11-4	80
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	78





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Sample : M4910-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-1-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
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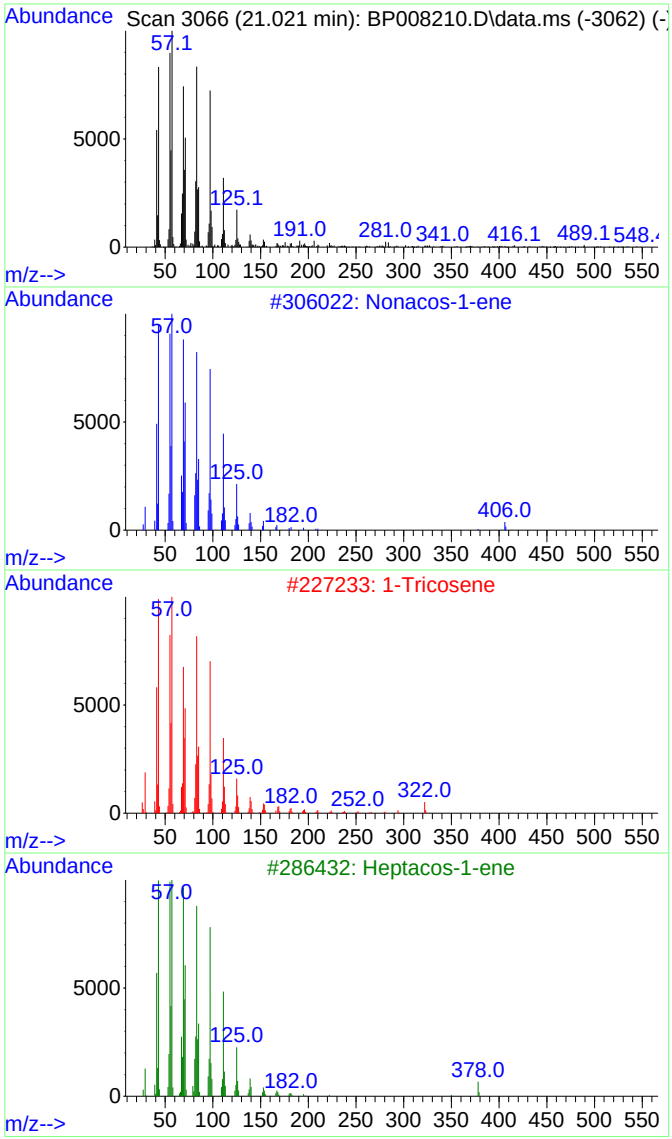
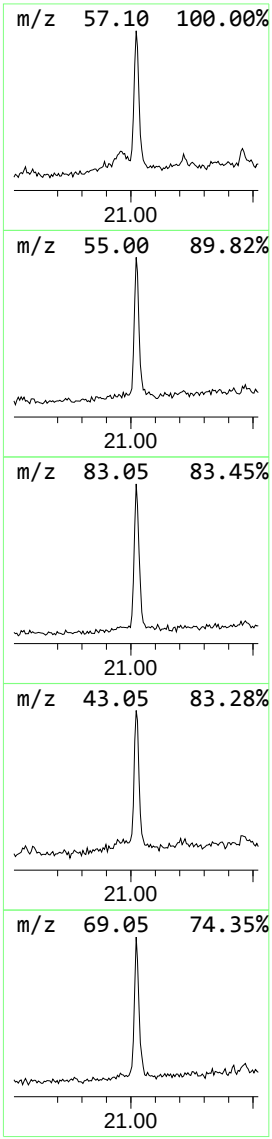
Peak Number 5 Nonacos-1-ene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.022	6.63 ng	255626	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacos-1-ene	406	C29H58	018835-35-3	96
2	1-Tricosene	322	C23H46	018835-32-0	95
3	Heptacos-1-ene	378	C27H54	015306-27-1	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-di...	3.046	3.3	ng	80855	1	7.793	494589	20.0
2-Pentanone, 4-...	4.922	18.2	ng	450001	1	7.793	494589	20.0
unknown5.993	5.993	2.2	ng	54738	1	7.793	494589	20.0
n-Hexadecanoic ...	18.104	2.4	ng	100222	4	17.204	852013	20.0
Nonacos-1-ene	21.022	6.6	ng	255626	5	21.304	771561	20.0