LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046805.D
Acq On : 7 Oct 2020 17:03
Operator : CG/JU
Sample : L4200-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB-2020-WW-000-01

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_G\METHODS\8270-BG092220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG046805.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.819	246	252	261	rBV	171639	290545	5.50%	1.243%
2	5.671	389	397	407	rVB	582279	909828	17.22%	3.893%
3	7.257	659	667	676	rBV	369393	660998	12.51%	2.828%
4	8.109	805	812	819	rBV	244936	410968	7.78%	1.758%
5	9.272	1000	1010	1021	rBV	801414	1423574	26.95%	6.091%
6	10.923	1282	1291	1299	rBV	315793	575171	10.89%	2.461%
7	13.362	1698	1706	1714	rVB	1987500	3124229	59.14%	13.367%
8	14.178	1839	1845	1850	rBV	201329	304612	5.77%	1.303%
9	14.731	1932	1939	1948	rVB	533654	839935	15.90%	3.594%
10	16.211	2184	2191	2200	rBV	1636653	2573219	48.71%	11.009%
11	17.474	2397	2406	2415	rVB	682285	1047764	19.83%	4.483%
12	18.362	2551	2557	2567	rBV	741085	1065188	20.16%	4.557%
13	19.478	2744	2747	2750	rBV3	50129	67166	1.27%	0.287%
14	19.625	2767	2772	2785	rBV2	367992	577765	10.94%	2.472%
15	20.083	2844	2850	2856	rVB	4071565	5282770	100.00%	22.602%
16	20.383	2894	2901	2905	rBV8	34509	75480	1.43%	0.323%
17	21.393	3068	3073	3085	rBV	532653	989678	18.73%	4.234%
18	21.640	3112	3115	3121	rVB3	40241	58165	1.10%	0.249%
19	21.752	3127	3134	3141	rBV2	726888	1255827	23.77%	5.373%
20	21.951	3166	3168	3175	rVB5	49566	65151	1.23%	0.279%
21	22.580	3270	3275	3277	rBV2	44823	79252	1.50%	0.339%
22	24.114	3530	3536	3542	rBV4	58088	118747	2.25%	0.508%
23	25.024	3681	3691	3700	rBV	445530	1234833	23.37%	5.283%
24	26.258	3892	3901	3909	rVB6	48590	140993	2.67%	0.603%
25	26.393	3916	3924	3938	rBV8	54213	201140	3.81%	0.861%

Sum of corrected areas: 23372998

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Instrument :
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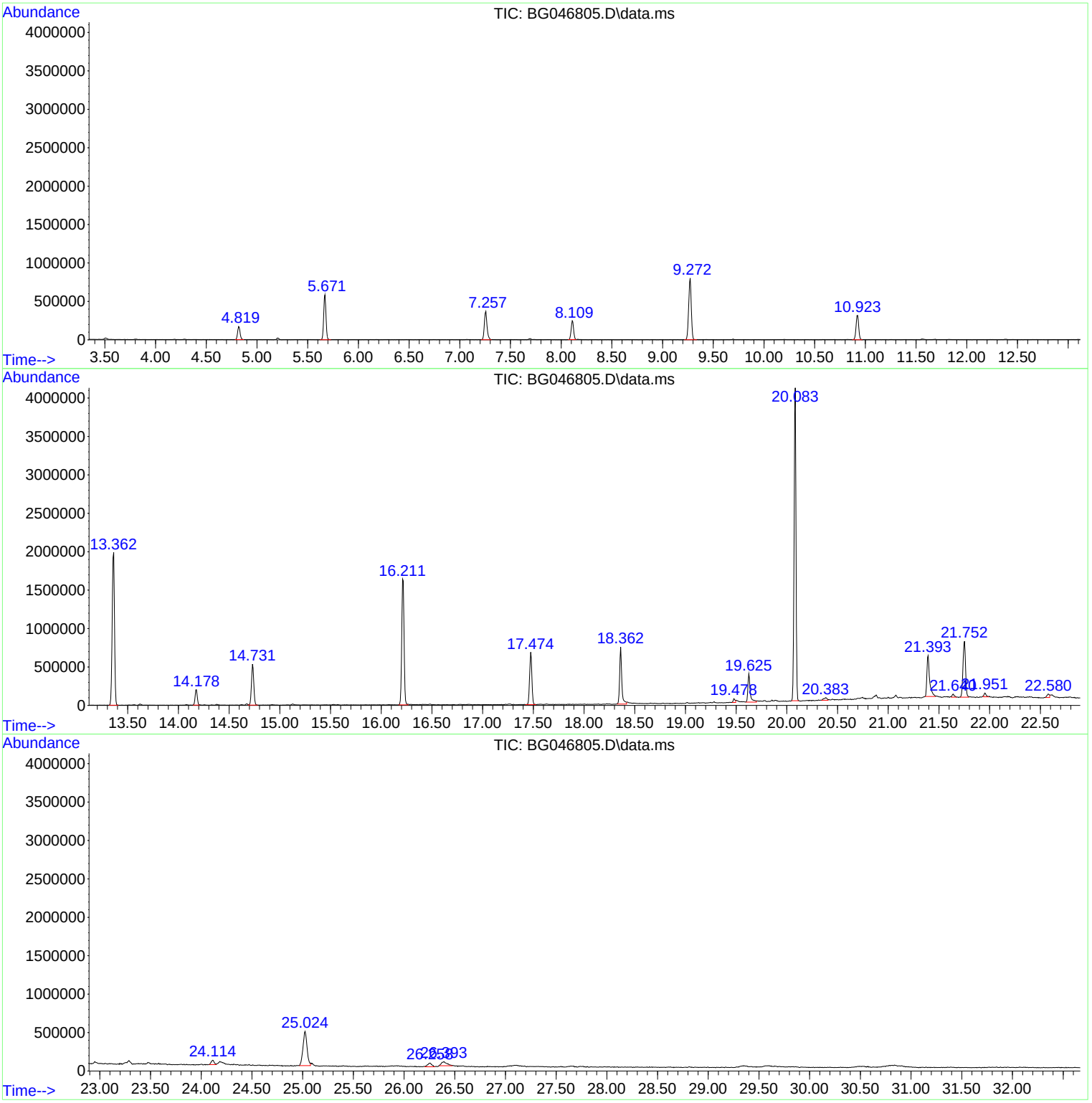
ClientSampleId :
PB-2020-WW-000-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.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 : L4200-02
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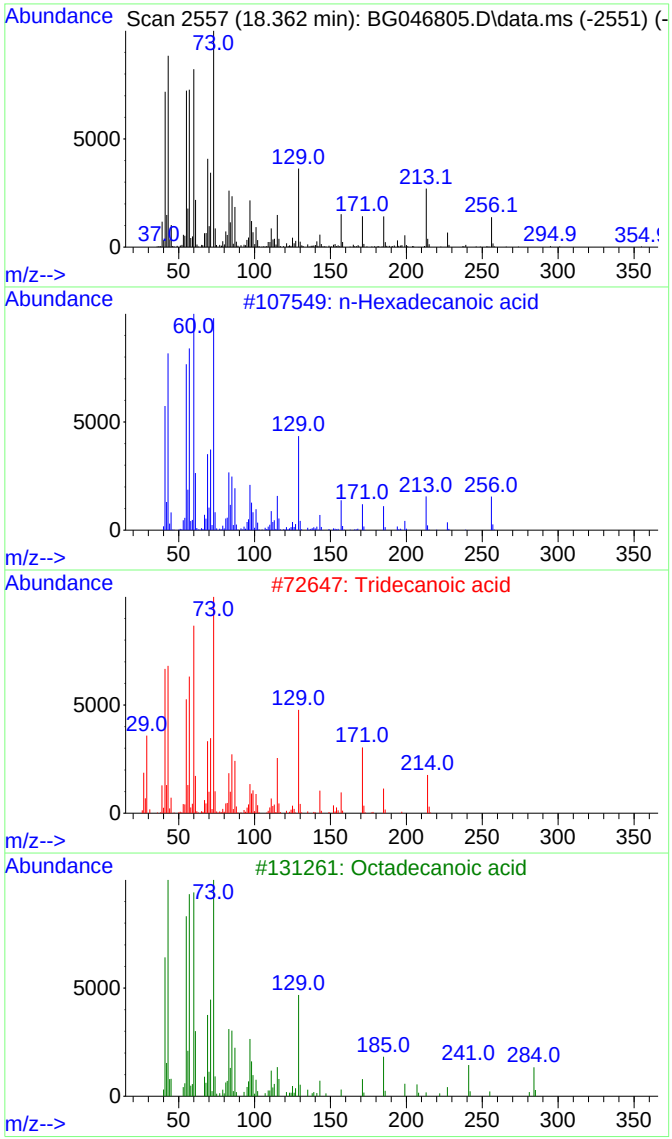
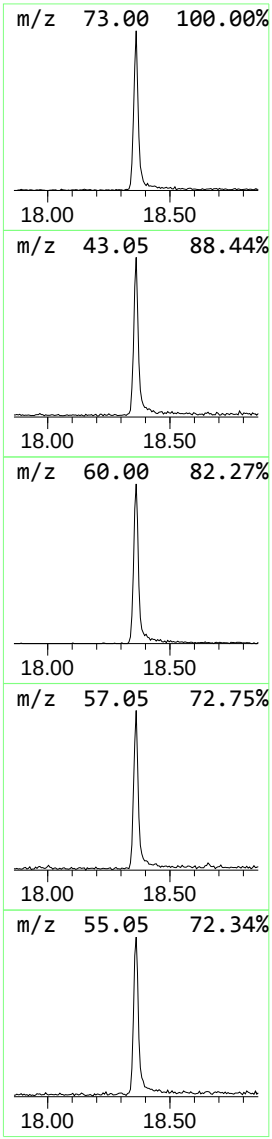
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.361	20.33 ng	1065190	Phenanthrene-d10	17.474

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	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Data File : BG046805.D
Acq On : 7 Oct 2020 17:03
Operator : CG/JU
Sample : L4200-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB-2020-WW-000-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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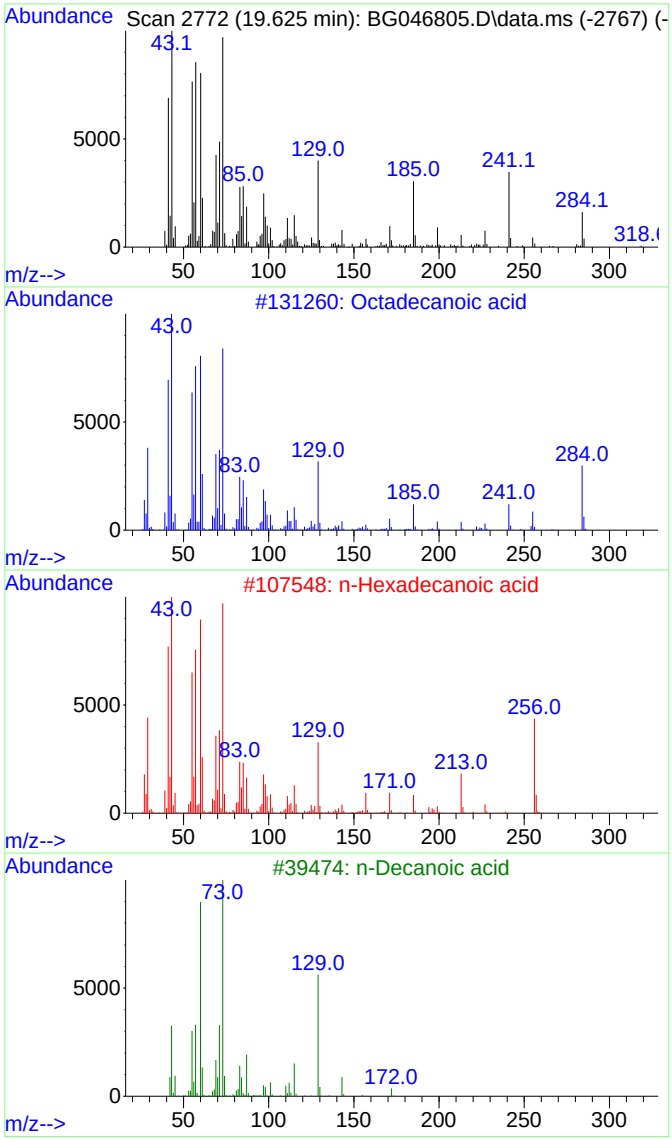
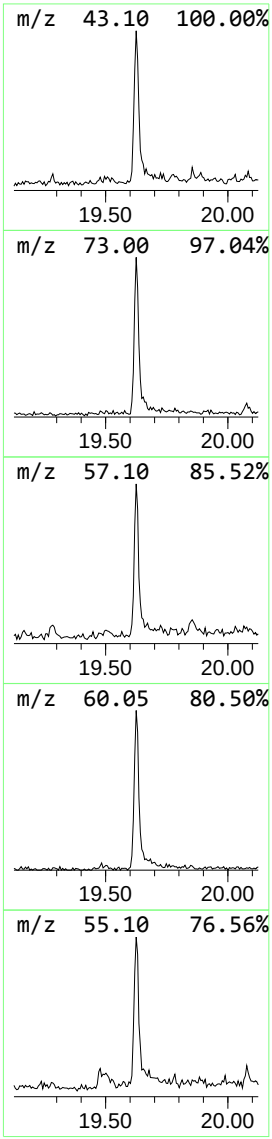
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.625	9.20 ng	577765	Chrysene-d12	21.752

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	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Acq On : 7 Oct 2020 17:03
Operator : CG/JU
Sample : L4200-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB-2020-WW-000-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
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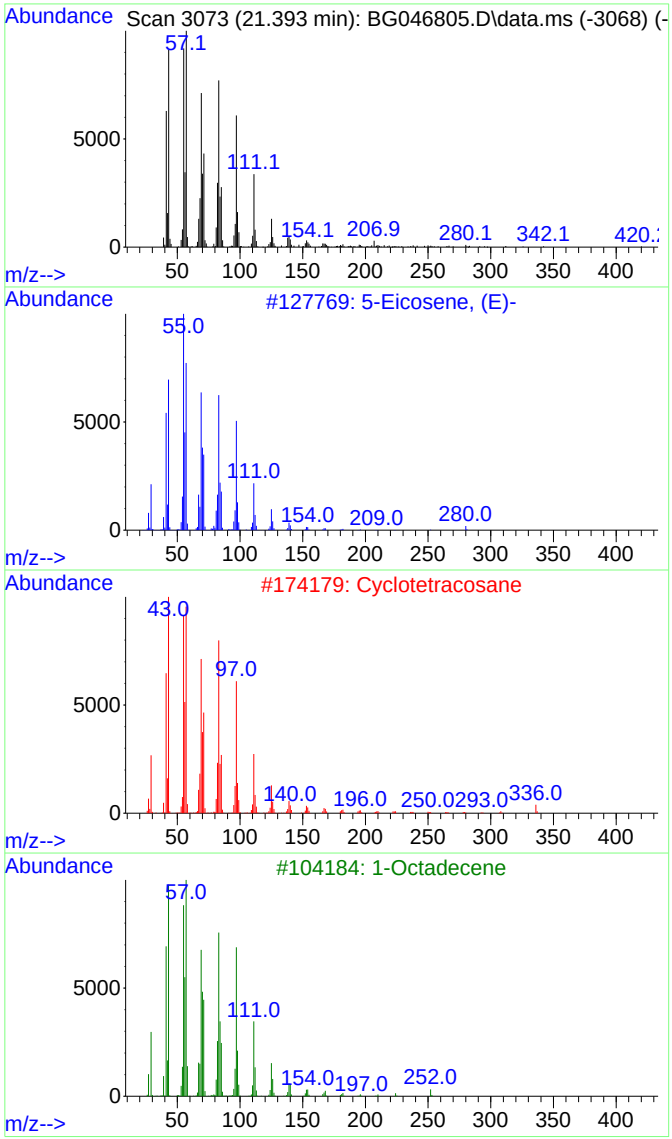
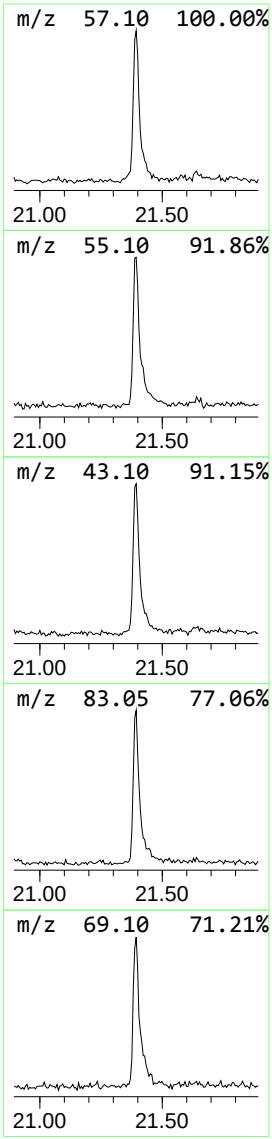
Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.393	15.76 ng	989678	Chrysene-d12	21.752

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	1-Octadecene	252	C18H36	000112-88-9	93
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	1-Tricosene	322	C23H46	018835-32-0	91





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Sample : L4200-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB-2020-WW-000-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
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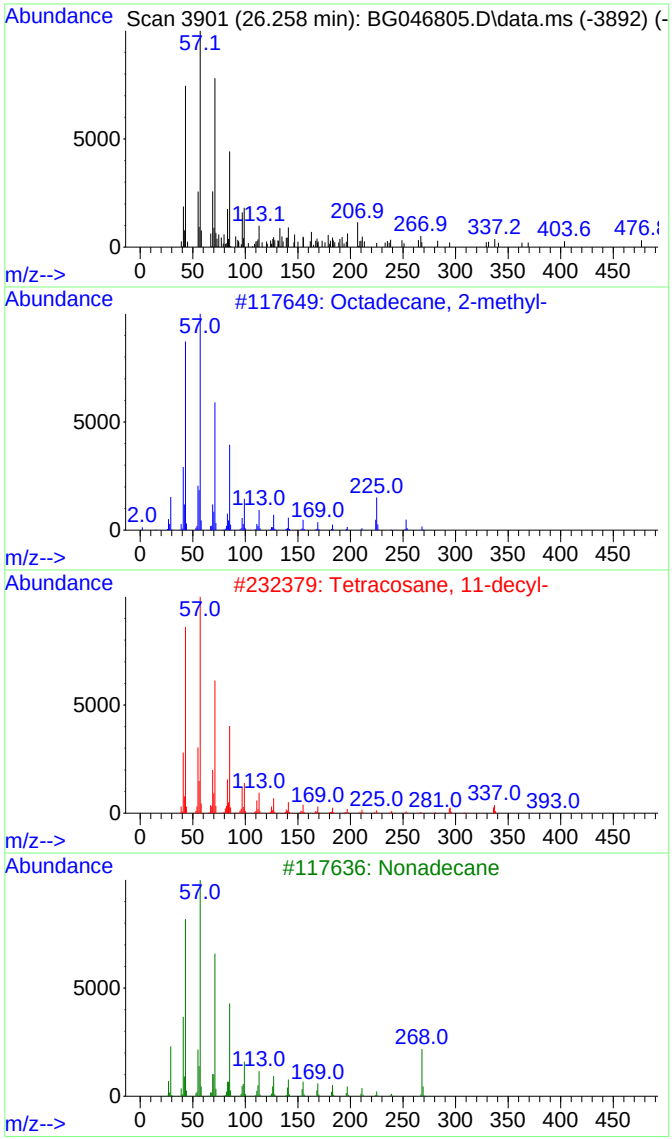
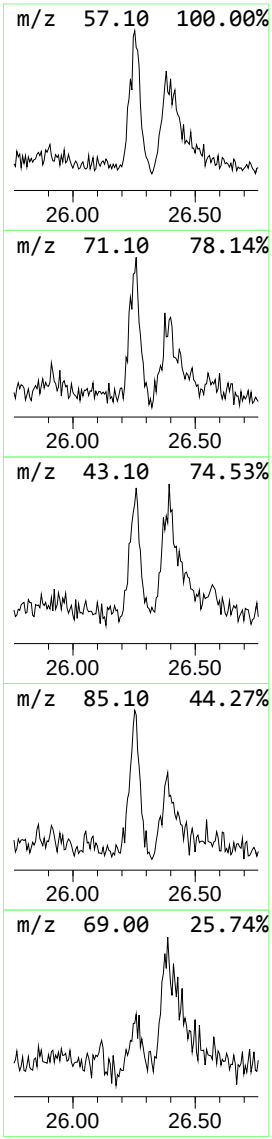
Peak Number 5 Octadecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.258	2.28 ng	140993	Perylene-d12	25.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	74
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	72
3	Nonadecane	268	C19H40	000629-92-5	72
4	Behenyl chloride	344	C22H45Cl	042217-03-8	72
5	Heneicosane	296	C21H44	000629-94-7	64





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Operator : CG/JU
Sample : L4200-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB-2020-WW-000-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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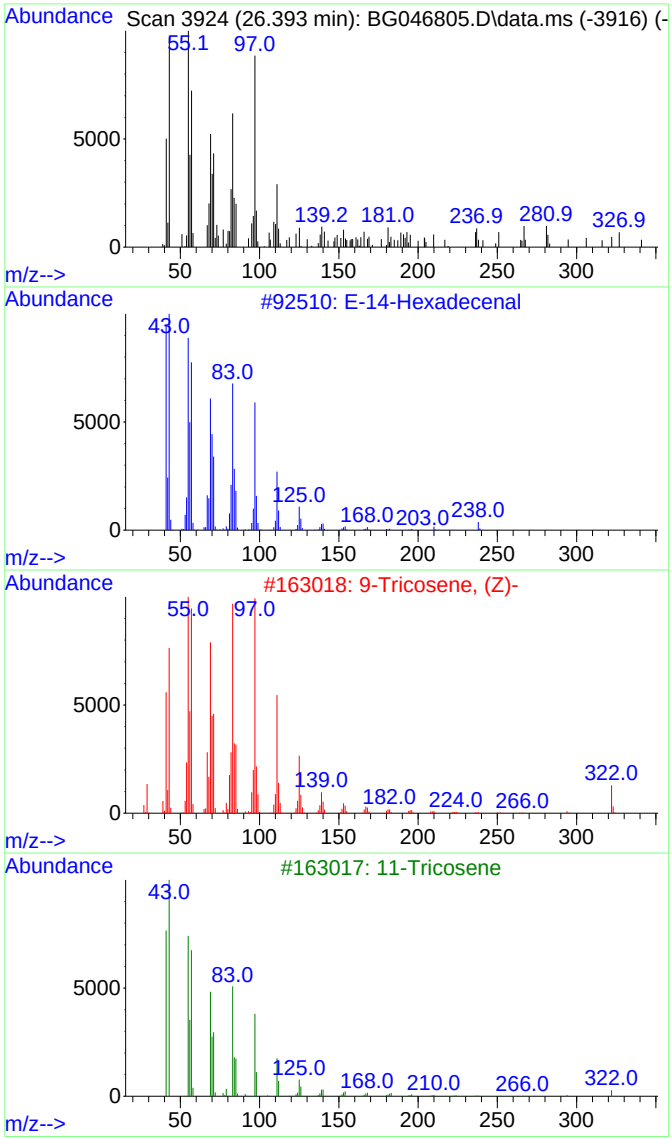
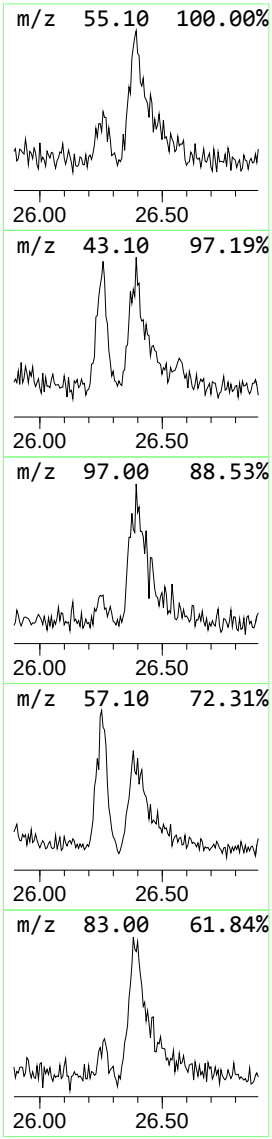
Peak Number 6 E-14-Hexadecenal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.393	3.26 ng	201140	Perylene-d12	25.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	93
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	86
3	11-Tricosene	322	C23H46	052078-56-5	78
4	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	70
5	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	70





Tentatively Identified Compound (LSC) summary

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ClientSampleId : PB-2020-WW-000-01

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.361	20.3	ng	1065190	4	17.474	1047760	20.0
Octadecanoic acid	19.625	9.2	ng	577765	5	21.752	1255830	20.0
5-Eicosene, (E)-	21.393	15.8	ng	989678	5	21.752	1255830	20.0
Octadecane, 2-m...	26.258	2.3	ng	140993	6	25.024	1234830	20.0
E-14-Hexadecenal	26.393	3.3	ng	201140	6	25.024	1234830	20.0