LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
Data File : BG055099.D
Acq On : 7 Oct 2022 14:43
Operator : CG/JU
Sample : N5018-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(10-14)

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-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055099.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.373	9	14	20	rBV	184418	270216	17.83%	3.849%
2	5.383	349	356	366	rBV	88801	144237	9.52%	2.055%
3	5.853	429	436	450	rVB	265706	435558	28.74%	6.205%
4	7.463	701	710	721	rBV	269720	464848	30.67%	6.622%
5	8.332	852	858	873	rVB	80887	138185	9.12%	1.968%
6	9.501	1050	1057	1065	rBV	163879	286962	18.93%	4.088%
7	11.164	1332	1340	1348	rVB	105017	190242	12.55%	2.710%
8	13.573	1743	1750	1758	rBV	449021	685150	45.20%	9.760%
9	14.942	1976	1983	1990	rVB	184525	284188	18.75%	4.048%
10	16.411	2227	2233	2241	rBV	455062	690878	45.58%	9.842%
11	17.674	2442	2448	2457	rBV	294915	436109	28.77%	6.212%
12	18.526	2589	2593	2604	rBV2	35333	59203	3.91%	0.843%
13	19.778	2803	2806	2814	rBV5	9661	15401	1.02%	0.219%
14	20.248	2880	2886	2892	rBV	1219685	1515738	100.00%	21.592%
15	21.041	3016	3021	3025	rBV4	16329	22370	1.48%	0.319%
16	21.570	3106	3111	3117	rBV2	42992	65343	4.31%	0.931%
17	21.963	3171	3178	3187	rVB	323102	542094	35.76%	7.722%
18	22.151	3206	3210	3217	rVB2	17745	27840	1.84%	0.397%
19	22.803	3316	3321	3328	rBV2	15333	26479	1.75%	0.377%
20	23.203	3385	3389	3394	rVB6	11781	18909	1.25%	0.269%
21	23.520	3438	3443	3445	rBV4	14300	24011	1.58%	0.342%
22	24.431	3594	3598	3605	rVB5	12448	24301	1.60%	0.346%
23	25.412	3754	3765	3782	rVB2	187086	588221	38.81%	8.379%
24	26.699	3978	3984	3993	rVB5	14136	36641	2.42%	0.522%
25	29.995	4535	4545	4552	rVB5	7755	26792	1.77%	0.382%

Sum of corrected areas: 7019916

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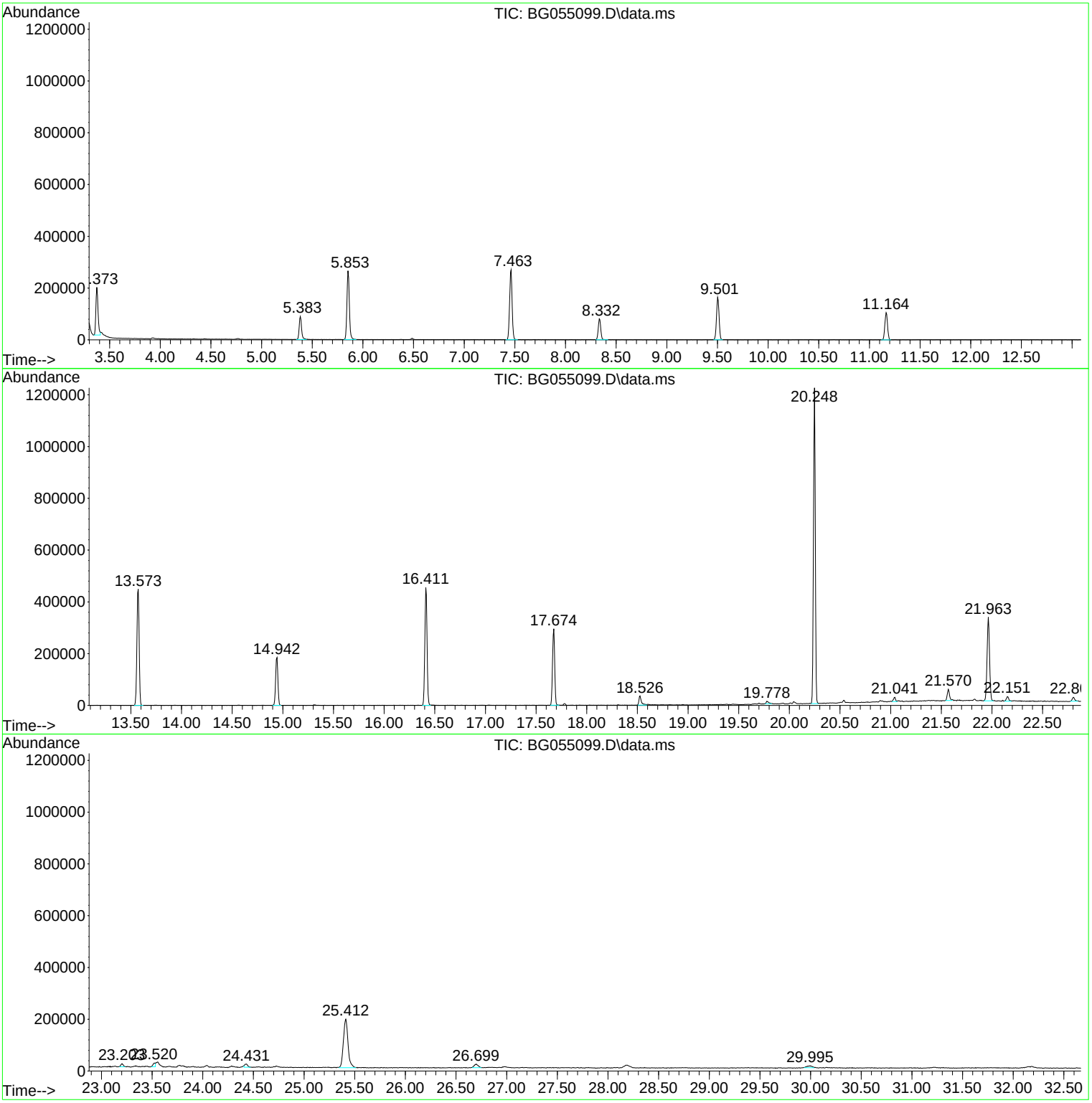
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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SASP2-T-3-(10-14)

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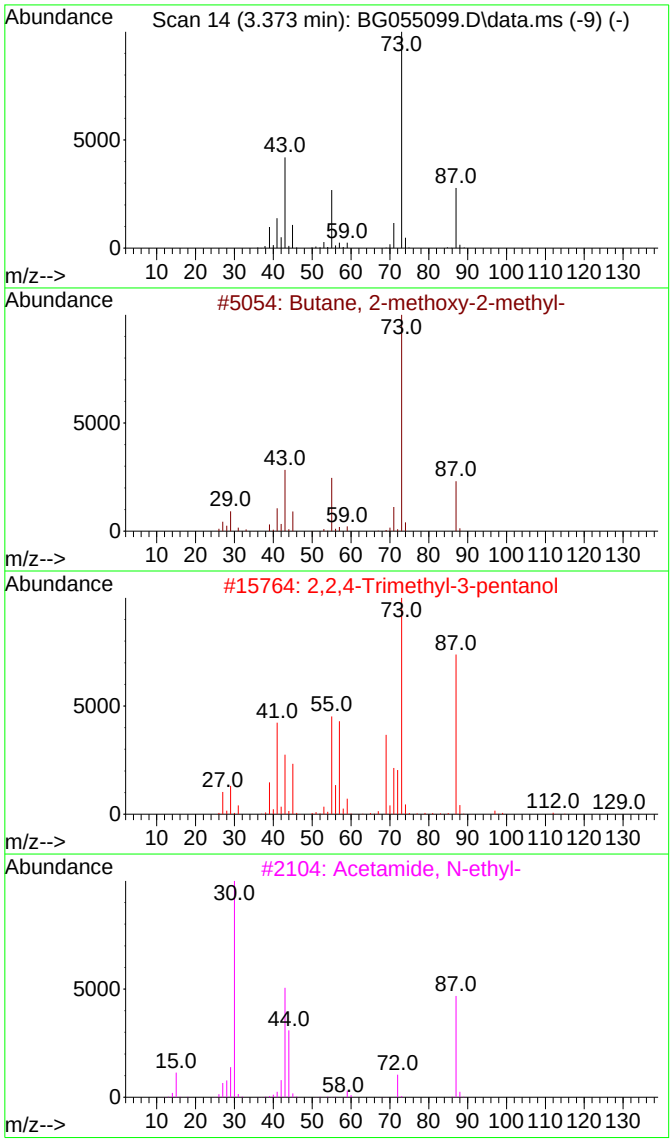
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

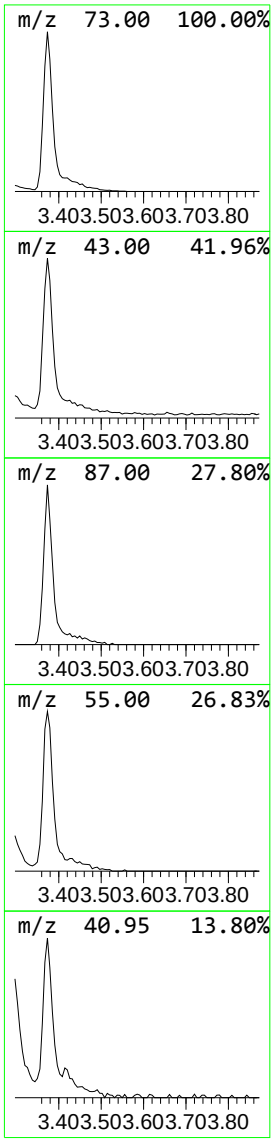
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.373	39.11 ng	270216	1,4-Dichlorobenzene-d4	8.332

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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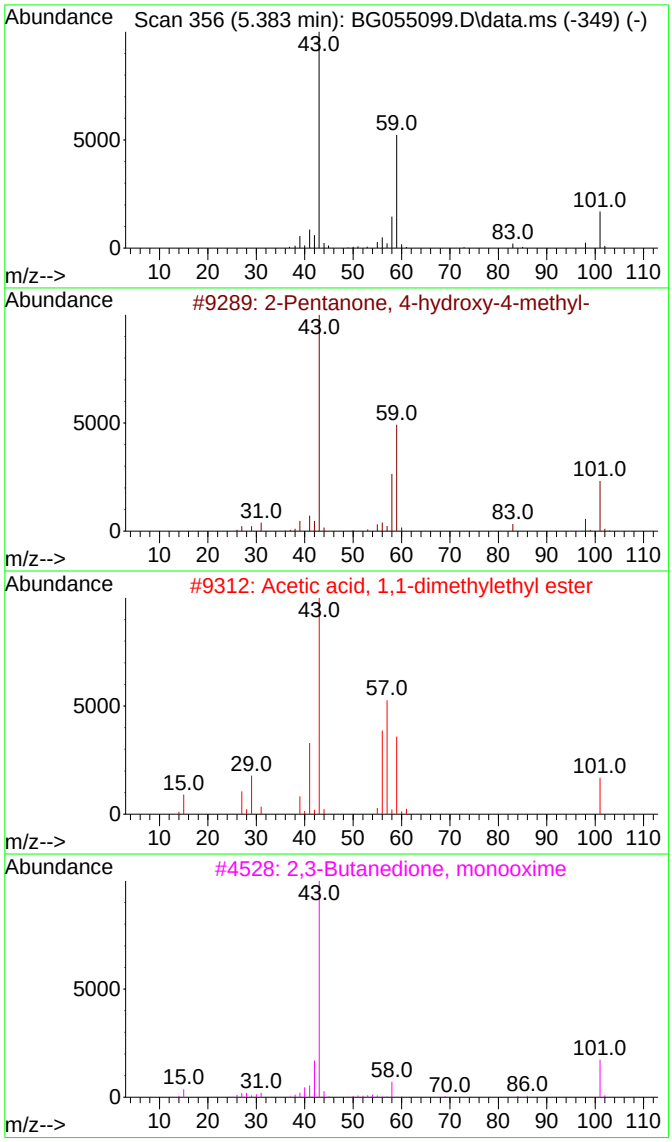
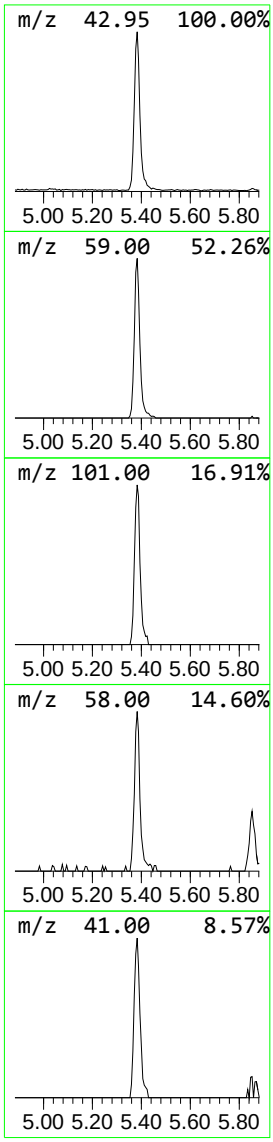
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.383	20.88 ng	144237	1,4-Dichlorobenzene-d4	8.332

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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Operator : CG/JU
Sample : N5018-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
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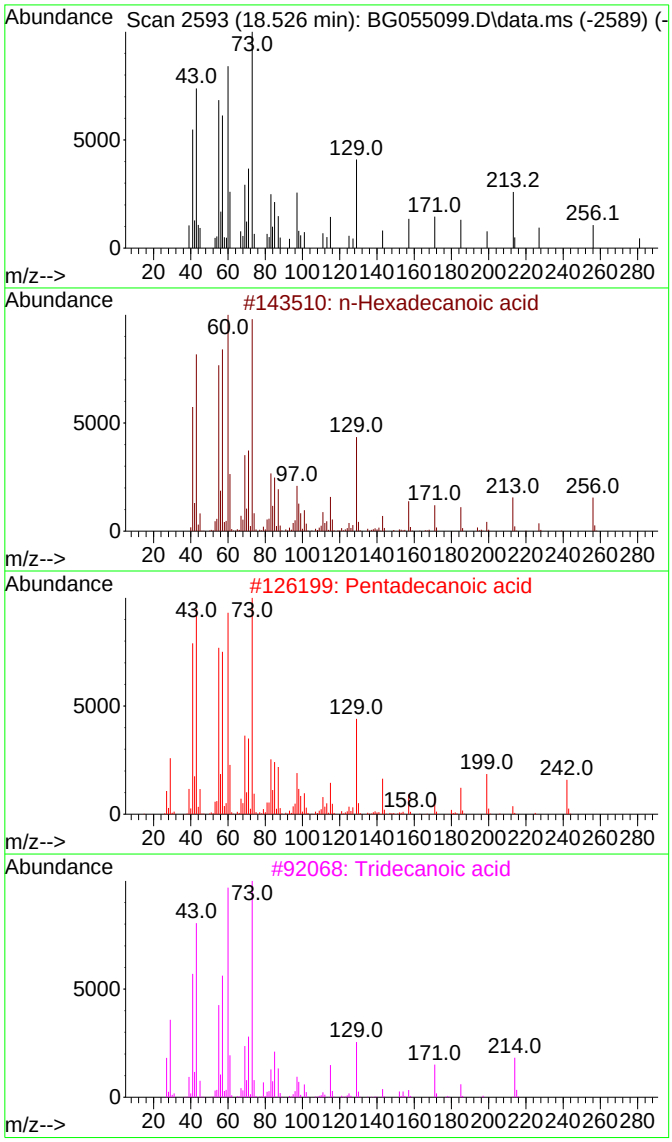
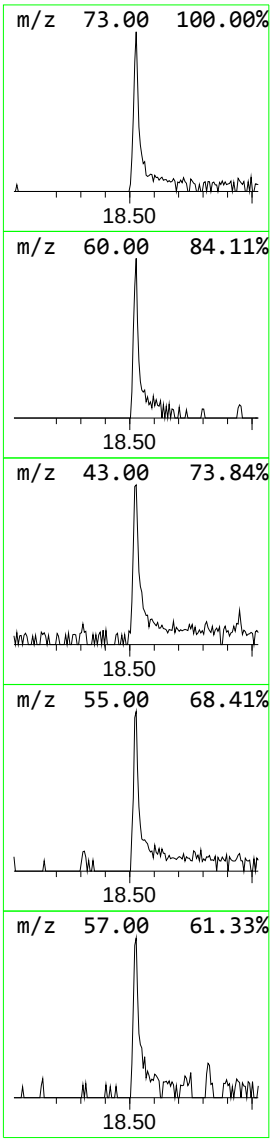
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.526	2.72 ng	59203	Phenanthrene-d10	17.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	Tridecanoic acid	214	C13H26O2	000638-53-9	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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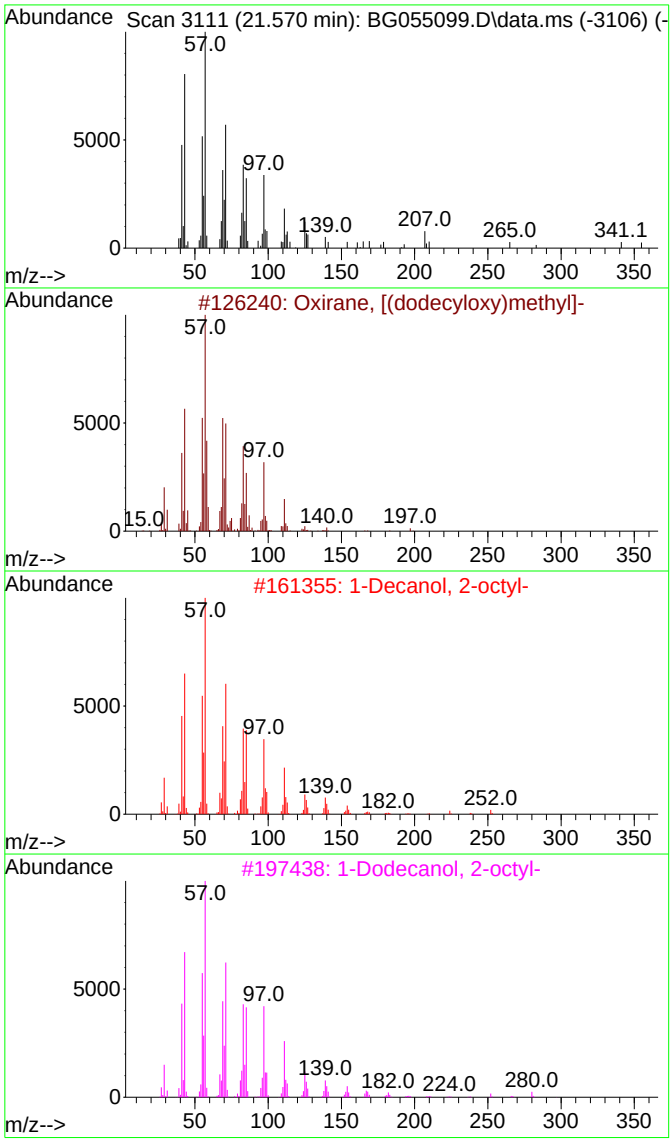
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

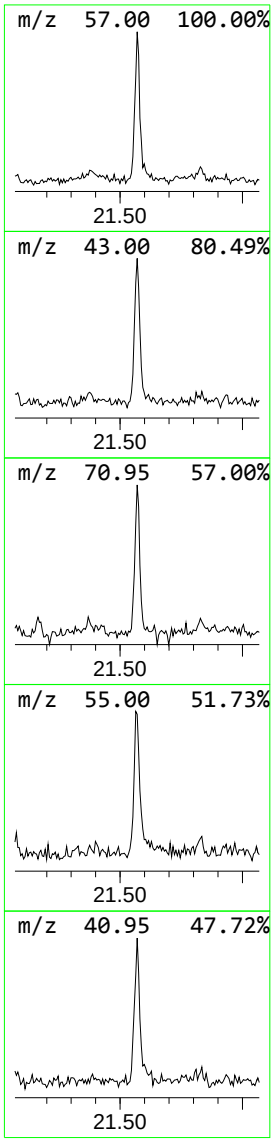
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.570	2.41 ng	65343	Chrysene-d12	21.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	91
2	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.373	39.1	ng	270216	1	8.332	138185	20.0
2-Pentanone, 4-...	5.383	20.9	ng	144237	1	8.332	138185	20.0
n-Hexadecanoic ...	18.526	2.7	ng	59203	4	17.674	436109	20.0
Oxirane, [(dode...	21.570	2.4	ng	65343	5	21.963	542094	20.0