LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057933.D
Acq On : 1 Jul 2023 00:45
Operator : CG/JU
Sample : 03358-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-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-BG062723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057933.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.017	322	328	334	rBV	33326	47690	2.27%	0.336%
2	5.487	401	408	421	rBV	668182	1044801	49.73%	7.364%
3	5.898	472	478	485	rVB	22867	35942	1.71%	0.253%
4	7.079	670	679	695	rBV	687459	1171546	55.76%	8.258%
5	7.908	814	820	827	rBV	161600	270511	12.87%	1.907%
6	9.071	1011	1018	1030	rBV	407295	709240	33.76%	4.999%
7	10.710	1289	1297	1310	rBV	234080	429661	20.45%	3.028%
8	13.172	1708	1716	1726	rBV	927800	1453386	69.17%	10.244%
9	14.000	1851	1857	1861	rBV	21622	31944	1.52%	0.225%
10	14.547	1944	1950	1957	rBV	435771	663570	31.58%	4.677%
11	15.904	2174	2181	2190	rBV	189404	281487	13.40%	1.984%
12	16.033	2197	2203	2215	rBV	950952	1441123	68.59%	10.158%
13	16.462	2271	2276	2283	rVB	19632	27835	1.32%	0.196%
14	17.291	2410	2417	2422	rBV	577583	854692	40.68%	6.024%
15	17.332	2422	2424	2431	rVB	72365	84976	4.04%	0.599%
16	17.473	2443	2448	2453	rVB	18726	24294	1.16%	0.171%
17	18.178	2562	2568	2579	rBV2	141374	240286	11.44%	1.694%
18	18.707	2653	2658	2663	rVB2	13637	21407	1.02%	0.151%
19	19.341	2759	2766	2772	rBV	144286	207288	9.87%	1.461%
20	19.453	2780	2785	2789	rBV4	29277	44991	2.14%	0.317%
21	19.705	2818	2828	2835	rBV	120654	207520	9.88%	1.463%
22	19.905	2856	2862	2868	rBV	1631988	2101083	100.00%	14.809%
23	20.181	2902	2909	2910	rBV7	15202	27441	1.31%	0.193%
24	20.704	2993	2998	3003	rBV3	17442	31011	1.48%	0.219%
25	20.945	3036	3039	3043	rVB2	19458	24766	1.18%	0.175%
26	21.192	3076	3081	3091	rBV2	192065	312511	14.87%	2.203%
27	21.274	3092	3095	3100	rVB3	25265	36688	1.75%	0.259%
28	21.544	3133	3141	3146	rBV	551066	970884	46.21%	6.843%
29	21.586	3146	3148	3158	rVB	65197	99202	4.72%	0.699%
30	21.732	3170	3173	3178	rVB2	34789	45163	2.15%	0.318%
31	22.326	3270	3274	3281	rBV3	43422	82370	3.92%	0.581%
32	23.683	3500	3505	3513	rBV2	35939	99955	4.76%	0.705%
33	24.529	3645	3649	3658	rVB2	31283	73261	3.49%	0.516%
34	24.688	3666	3676	3687	rBV	340030	989026	47.07%	6.971%

Sum of corrected areas: 14187551

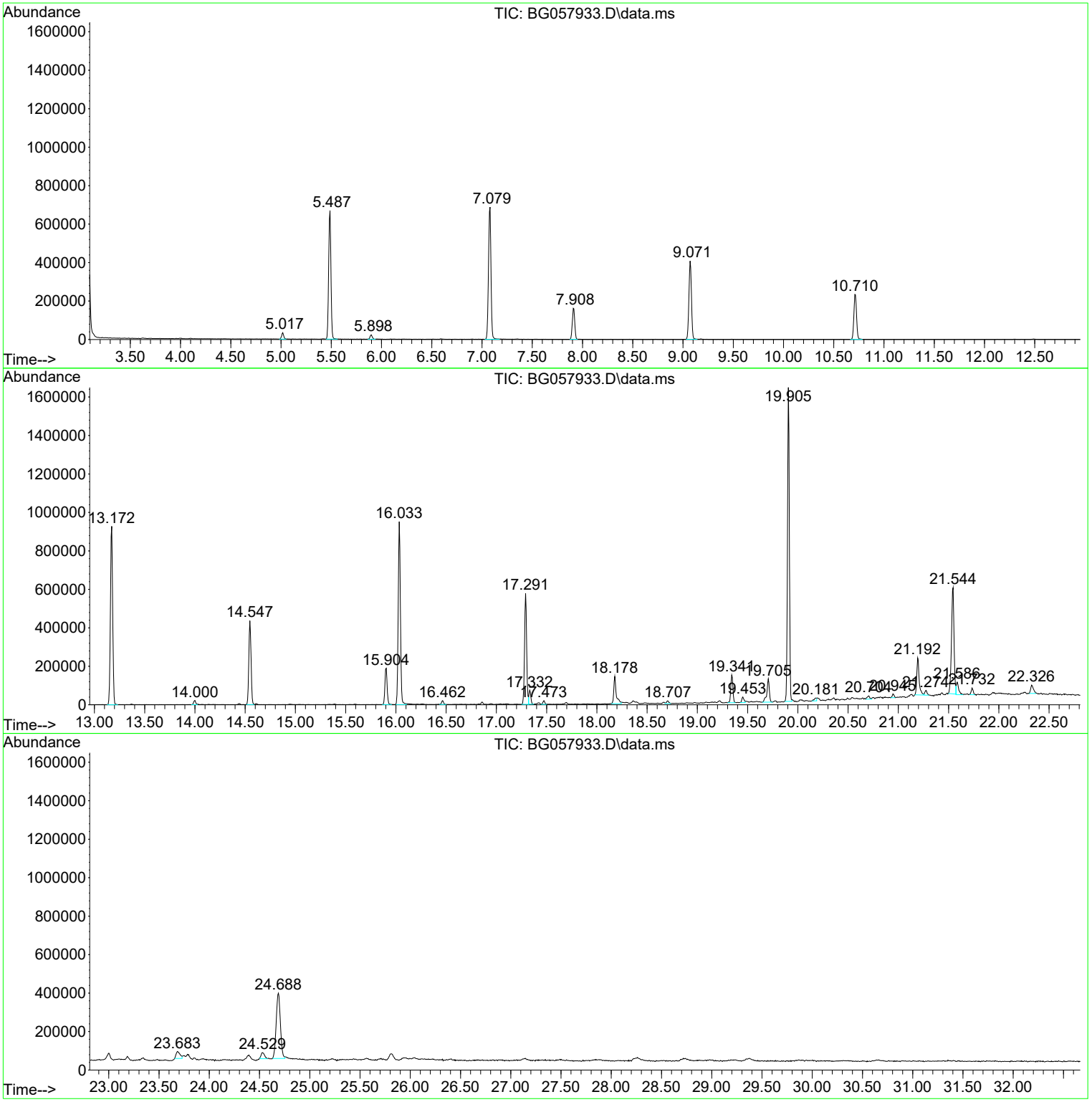
Instrument :
BNA_G
ClientSampleId :
DUP-01

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057933.D
Acq On : 1 Jul 2023 00:45
Operator : CG/JU
Sample : 03358-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057933.D
Acq On : 1 Jul 2023 00:45
Operator : CG/JU
Sample : 03358-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-01

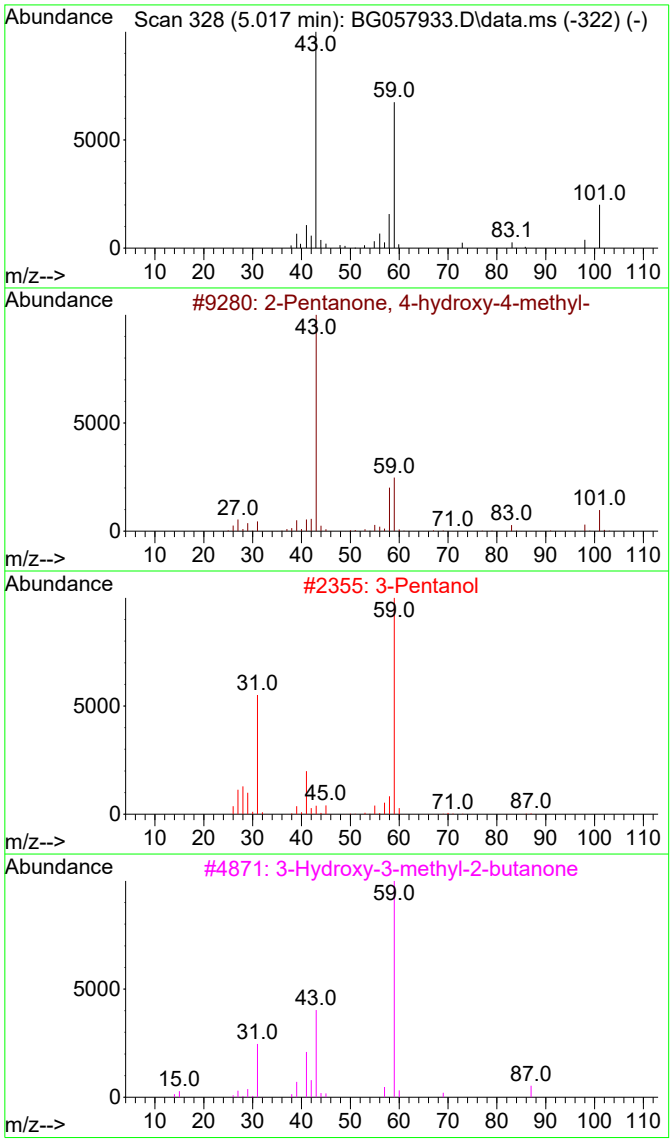
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

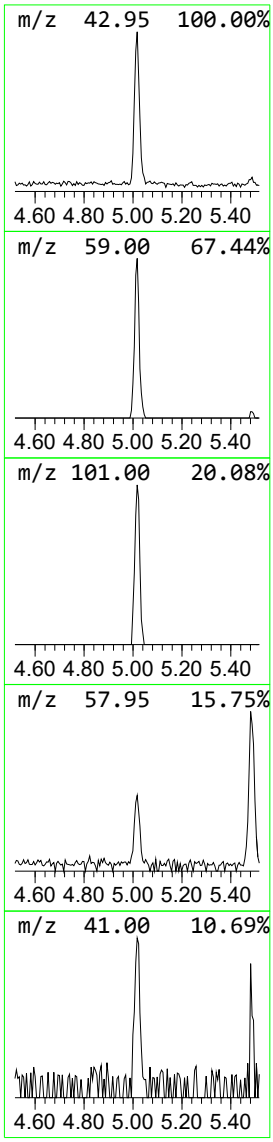
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.017	3.53 ng	47690	1,4-Dichlorobenzene-d4	7.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Pentanol	88	C5H12O	000584-02-1	17
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057933.D
Acq On : 1 Jul 2023 00:45
Operator : CG/JU
Sample : 03358-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

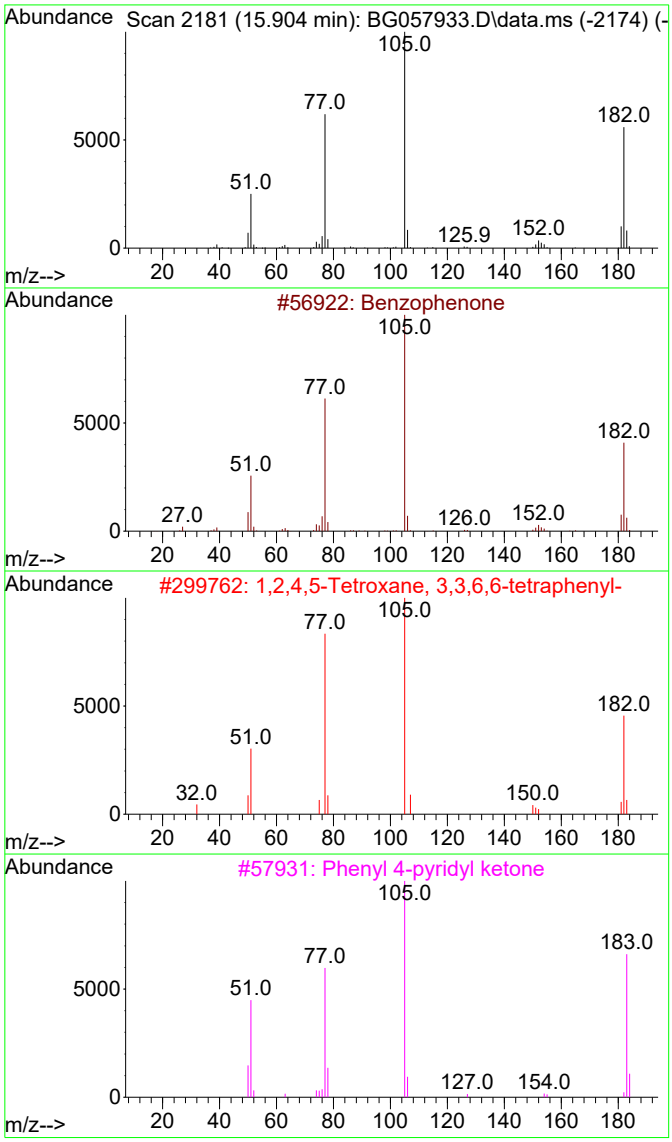
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

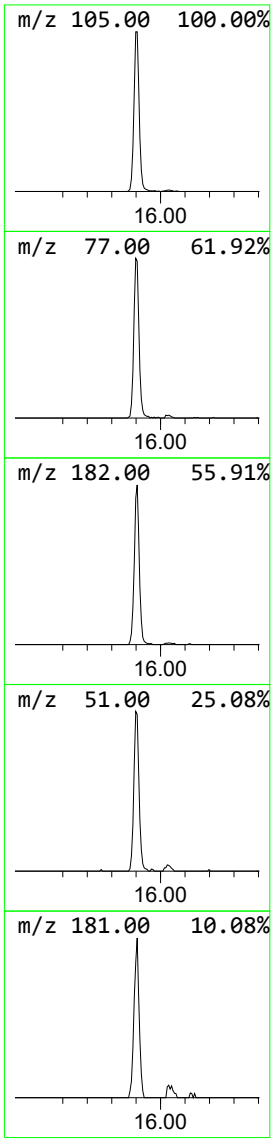
****

Peak Number 3 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.904	8.48 ng	281487	Acenaphthene-d10	14.547

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057933.D
Acq On : 1 Jul 2023 00:45
Operator : CG/JU
Sample : 03358-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

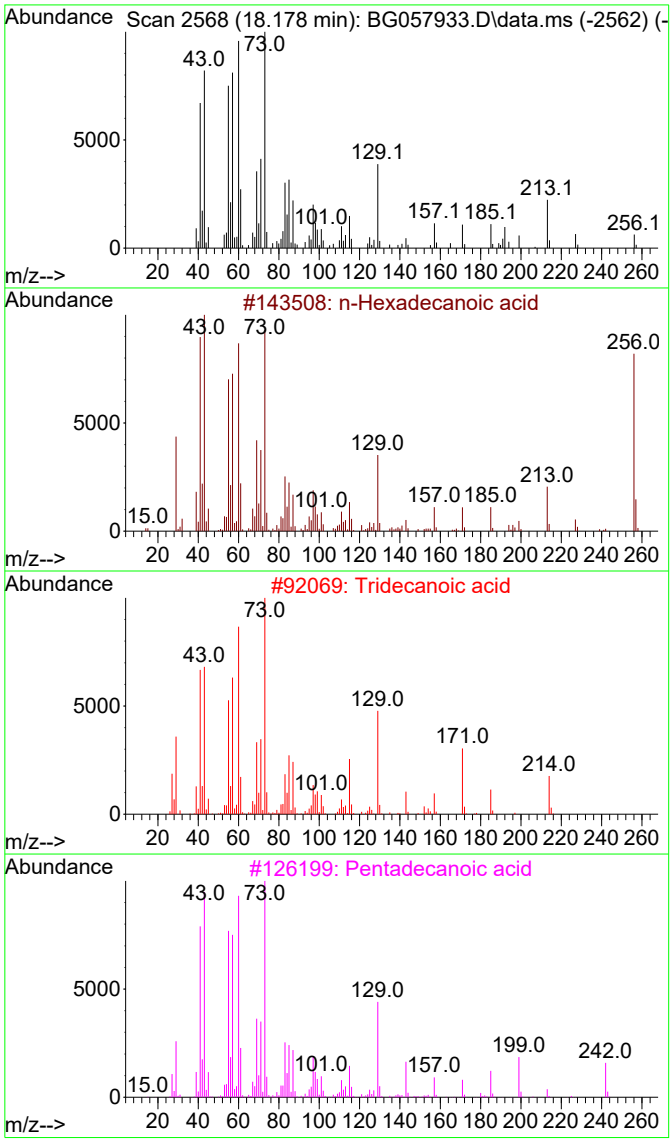
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

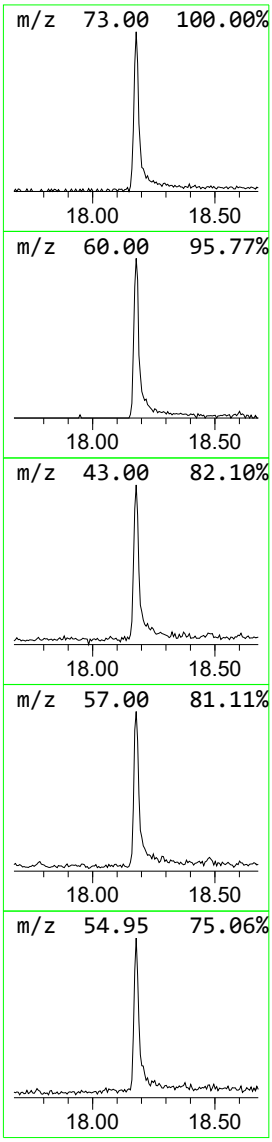
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.178	5.62 ng	240286	Phenanthrene-d10	17.291

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057933.D
Acq On : 1 Jul 2023 00:45
Operator : CG/JU
Sample : 03358-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

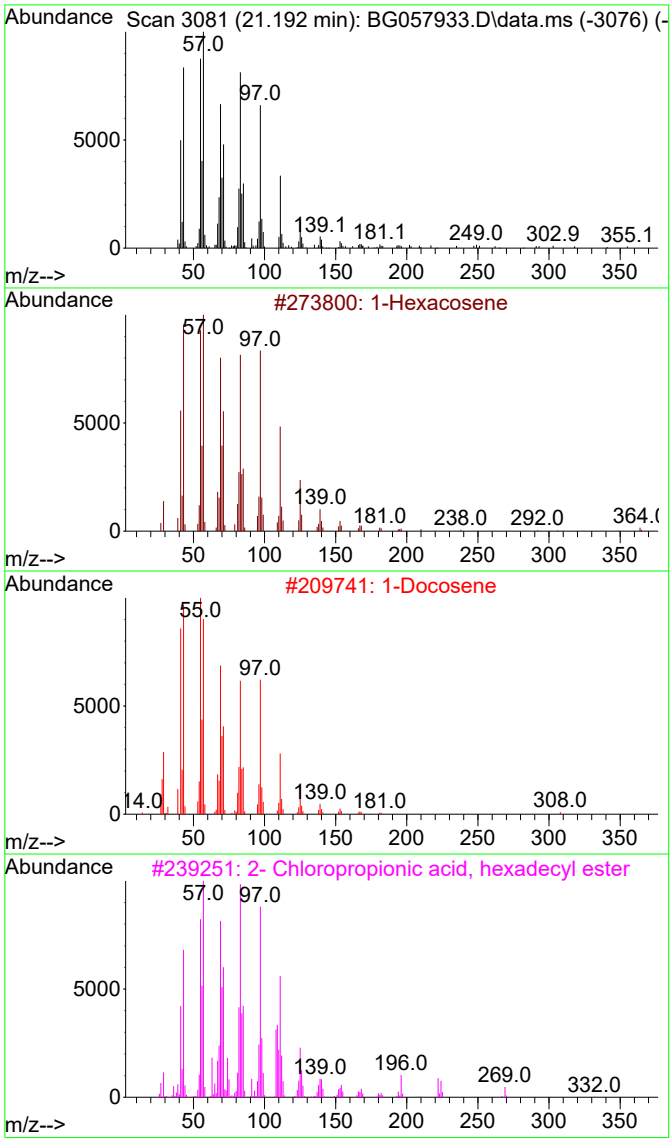
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

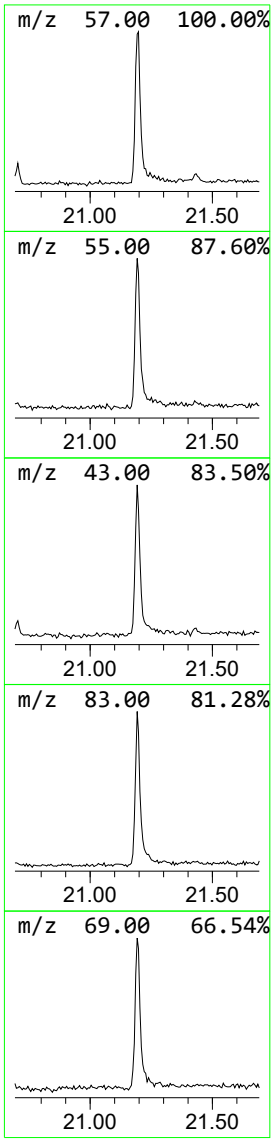
****

Peak Number 5 1-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	6.44 ng	312511	Chrysene-d12	21.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	1-Docosene	308	C22H44	001599-67-3	91
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	1-Heneicosanol	312	C21H44O	015594-90-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057933.D
Acq On : 1 Jul 2023 00:45
Operator : CG/JU
Sample : 03358-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
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
2-Pentanone, 4-...	5.017	3.5	ng	47690	1	7.913	270511	20.0
Benzophenone	15.904	8.5	ng	281487	3	14.547	663570	20.0
n-Hexadecanoic ...	18.178	5.6	ng	240286	4	17.291	854692	20.0
1-Hexacosene	21.192	6.4	ng	312511	5	21.544	970884	20.0