LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049047.D
Acq On : 22 Jun 2021 15:52
Operator : CG/JU
Sample : M2771-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0338-COMPOSITE-DC-21

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-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049047.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.164	14	21	30	rBV4	61103	161759	13.04%	1.959%
2	3.240	30	34	39	rVB3	15371	26681	2.15%	0.323%
3	5.196	363	367	376	rVB2	10379	20233	1.63%	0.245%
4	5.666	439	447	461	rBV	450043	756561	61.01%	9.161%
5	7.265	710	719	730	rBV	458796	813483	65.60%	9.851%
6	7.394	736	741	748	rBV2	13836	26904	2.17%	0.326%
7	8.111	855	863	870	rBV	128501	231610	18.68%	2.805%
8	9.280	1054	1062	1070	rBV	262080	478947	38.62%	5.800%
9	10.696	1297	1303	1309	rBV3	20301	38264	3.09%	0.463%
10	10.931	1336	1343	1355	rVB	168018	308343	24.86%	3.734%
11	13.375	1752	1759	1766	rBV	560239	856182	69.04%	10.368%
12	14.750	1987	1993	1999	rBV	264626	427036	34.44%	5.171%
13	16.242	2239	2247	2255	rBV	609997	972815	78.45%	11.780%
14	17.500	2454	2461	2470	rBV	360656	550556	44.40%	6.667%
15	18.381	2606	2611	2618	rBV2	56018	82715	6.67%	1.002%
16	19.650	2822	2827	2831	rBV4	21674	29349	2.37%	0.355%
17	20.108	2899	2905	2912	rBV	944947	1240072	100.00%	15.016%
18	21.419	3124	3128	3133	rVV5	39640	65880	5.31%	0.798%
19	21.789	3185	3191	3202	rVB	356067	606634	48.92%	7.346%
20	25.114	3748	3757	3768	rBV2	191572	564250	45.50%	6.833%

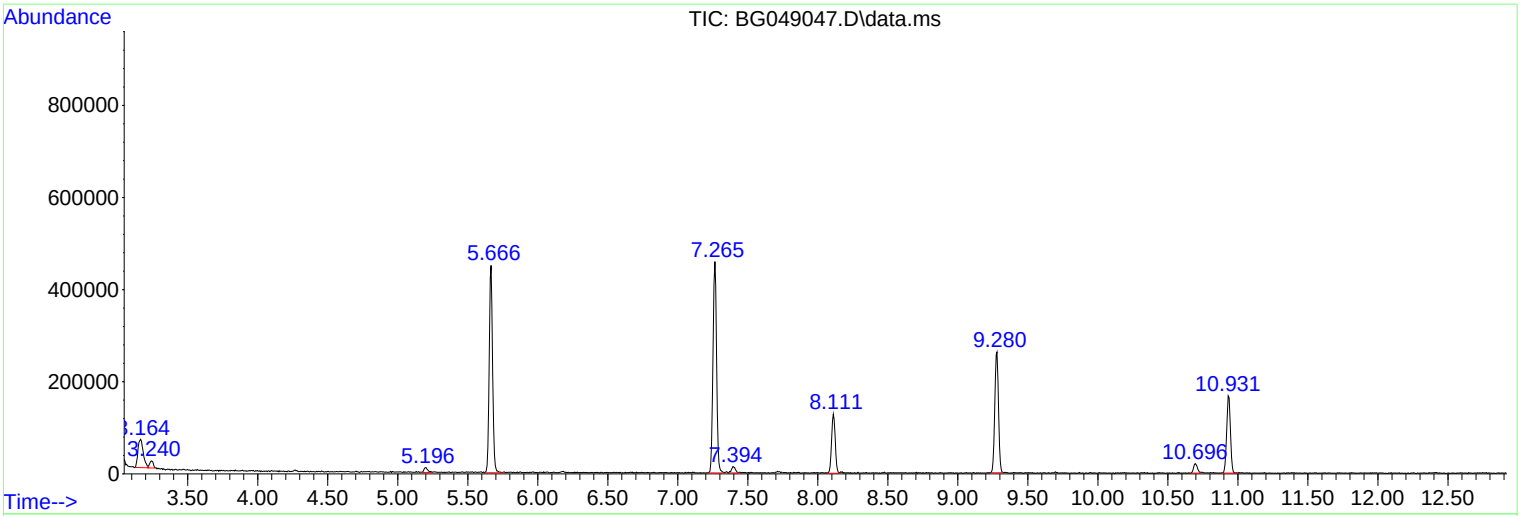
Sum of corrected areas: 8258274

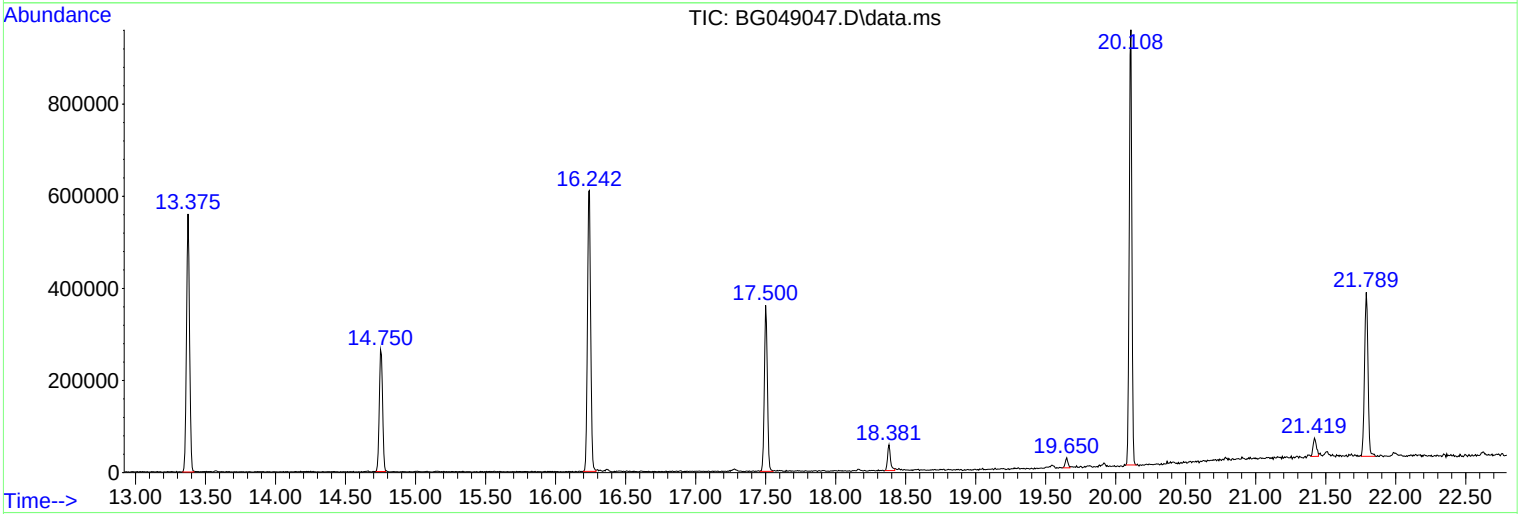
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049047.D
Acq On : 22 Jun 2021 15:52
Operator : CG/JU
Sample : M2771-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

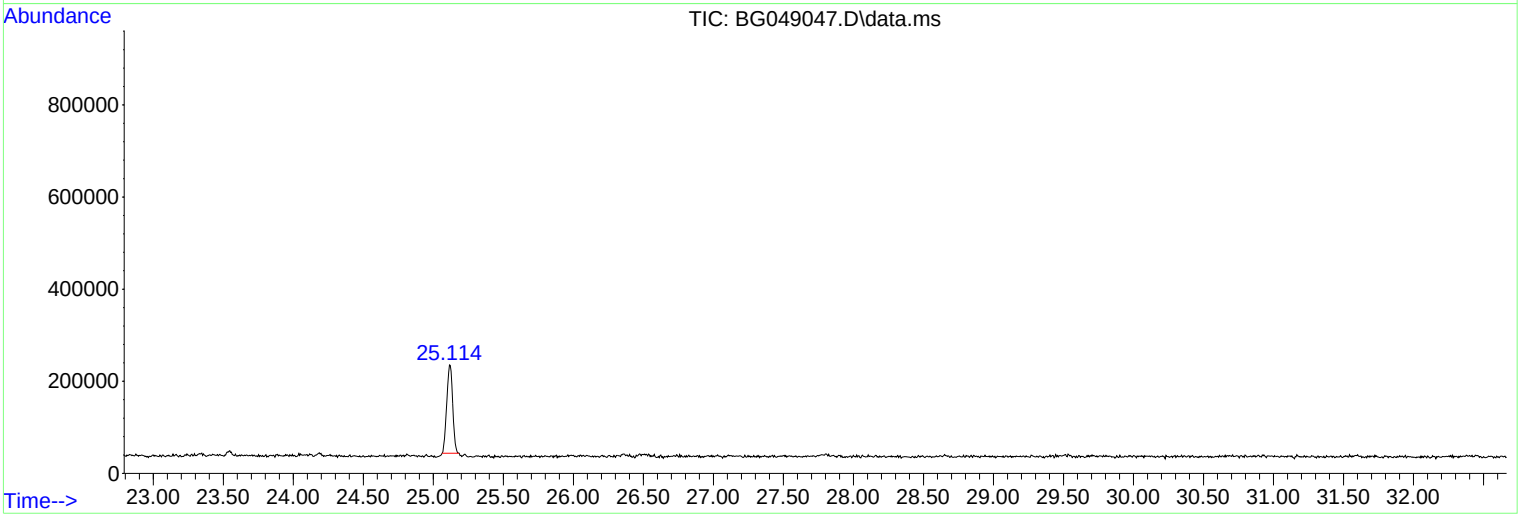
Instrument :
BNA_G
ClientSampleId :
0338-COMPOSITE-DC-21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049047.D
Acq On : 22 Jun 2021 15:52
Operator : CG/JU
Sample : M2771-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0338-COMPOSITE-DC-21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

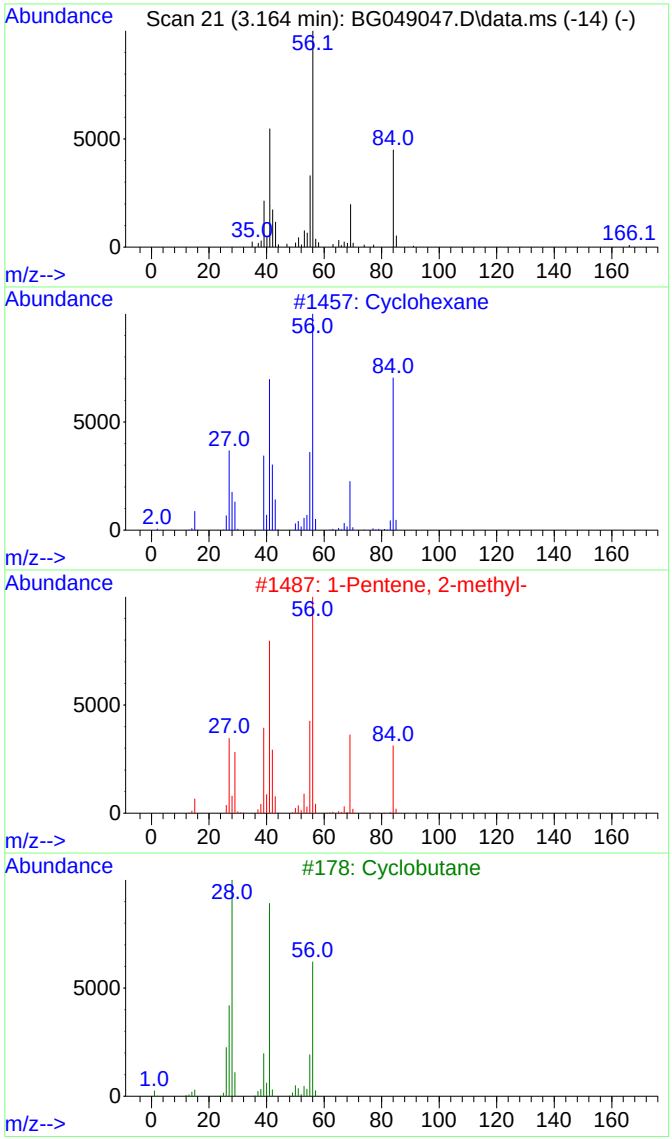
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

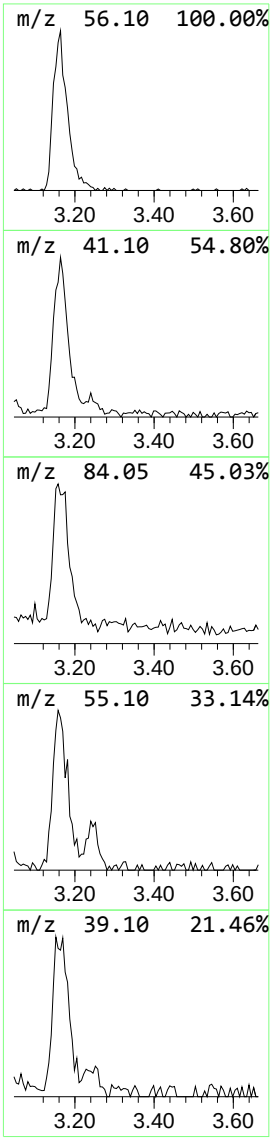
****

Peak Number 1 Cyclohexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.164	13.97 ng	161759	1,4-Dichlorobenzene-d4	8.111

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3	Cyclobutane	56	C4H8	000287-23-0	47
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	47
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049047.D
Acq On : 22 Jun 2021 15:52
Operator : CG/JU
Sample : M2771-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0338-COMPOSITE-DC-21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

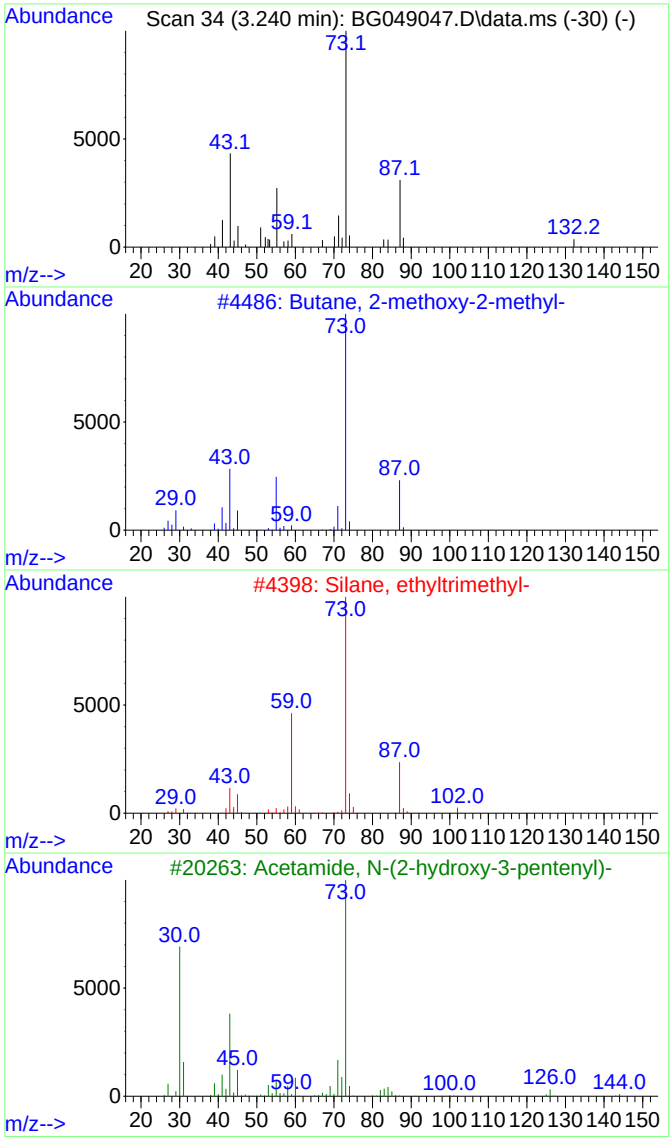
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

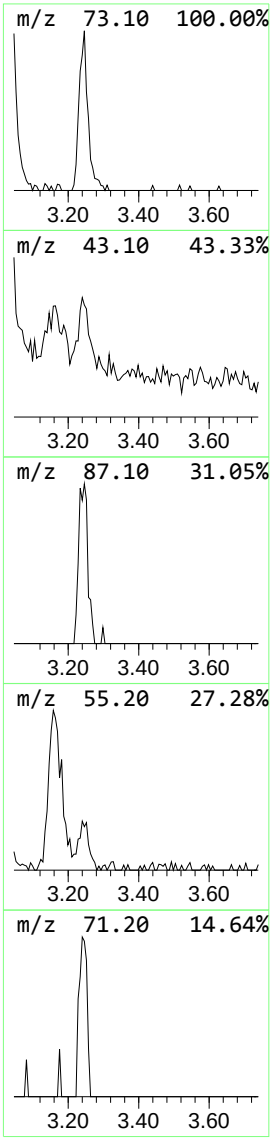
****

Peak Number 2 unknown3.240 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.240	2.30 ng	26681	1,4-Dichlorobenzene-d4	8.111

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	47
2	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	25
3	Acetamide, N-(2-hydroxy-3-penten...	143	C7H13NO2	093393-95-4	12
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
5	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049047.D
Acq On : 22 Jun 2021 15:52
Operator : CG/JU
Sample : M2771-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0338-COMPOSITE-DC-21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

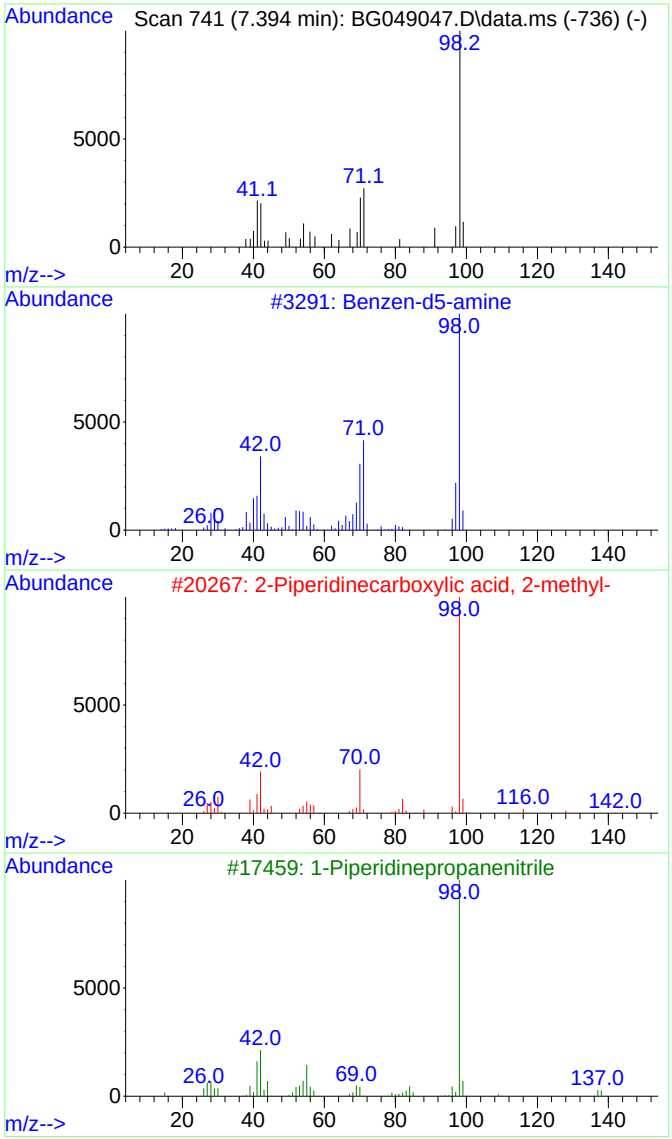
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

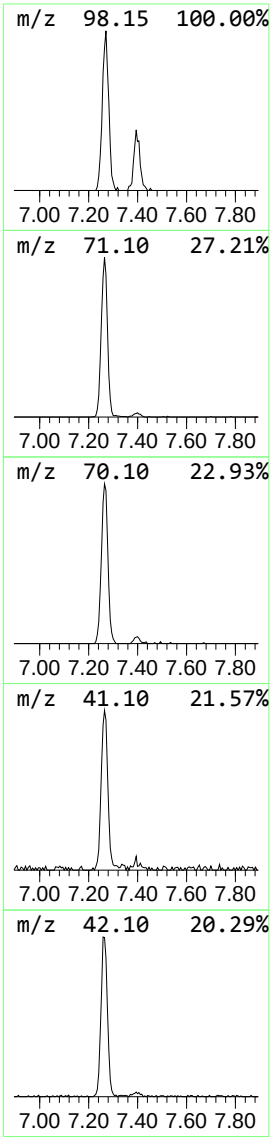
****

Peak Number 3 Benzen-d5-amine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.394	2.32 ng	26904	1,4-Dichlorobenzene-d4	8.111

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzen-d5-amine	98	C6H2D5N	004165-61-1	64
2	2-Piperidinecarboxylic acid, 2-m...	143	C7H13NO2	072518-41-3	42
3	1-Piperidinepropanenitrile	138	C8H14N2	003088-41-3	40
4	1-(4-Amino-furazan-3-yl)-5-piper...	321	C13H19N7O3	311314-85-9	40
5	Piperidine, 1,1'-methylenebis-	182	C11H22N2	000880-09-1	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049047.D
Acq On : 22 Jun 2021 15:52
Operator : CG/JU
Sample : M2771-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0338-COMPOSITE-DC-21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

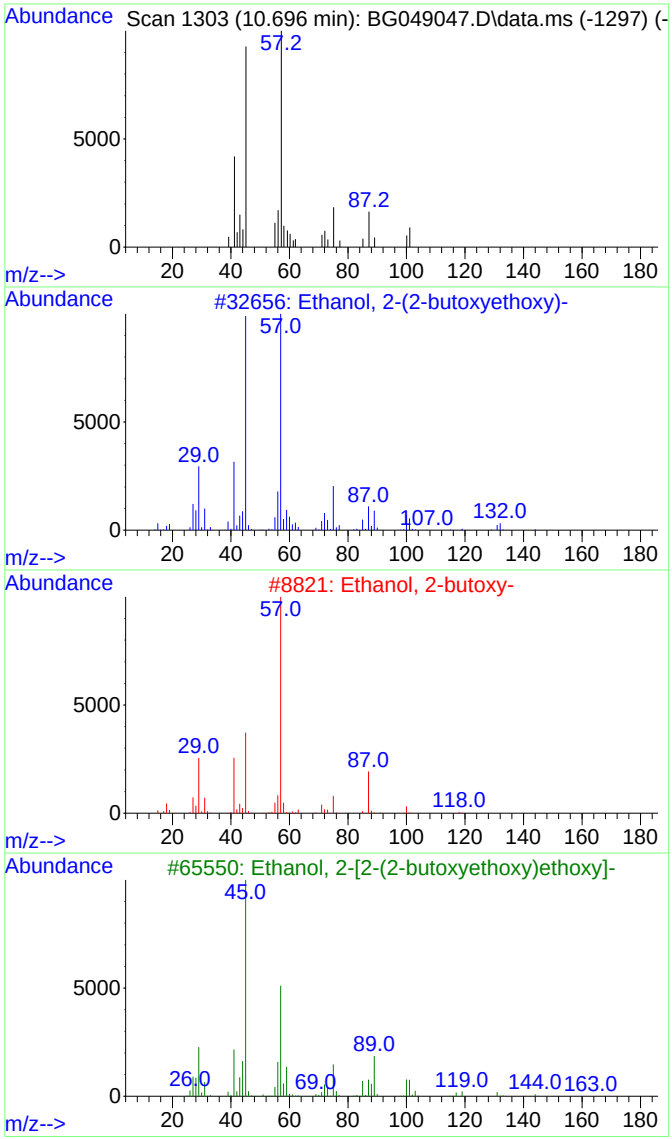
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

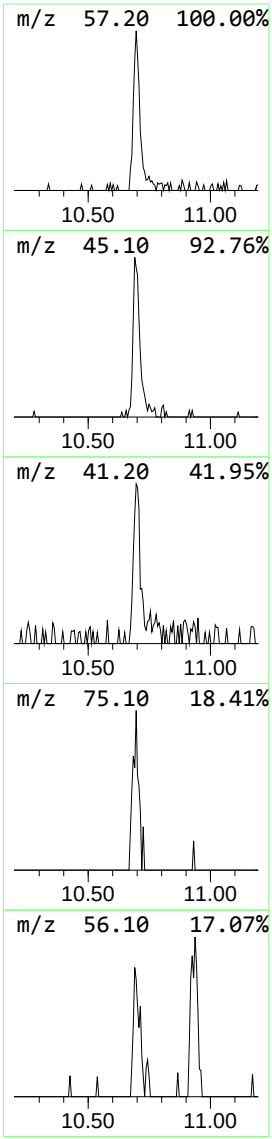
****

Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.696	2.48 ng	38264	Naphthalene-d8	10.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	40
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	39
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	38
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049047.D
Acq On : 22 Jun 2021 15:52
Operator : CG/JU
Sample : M2771-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0338-COMPOSITE-DC-21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

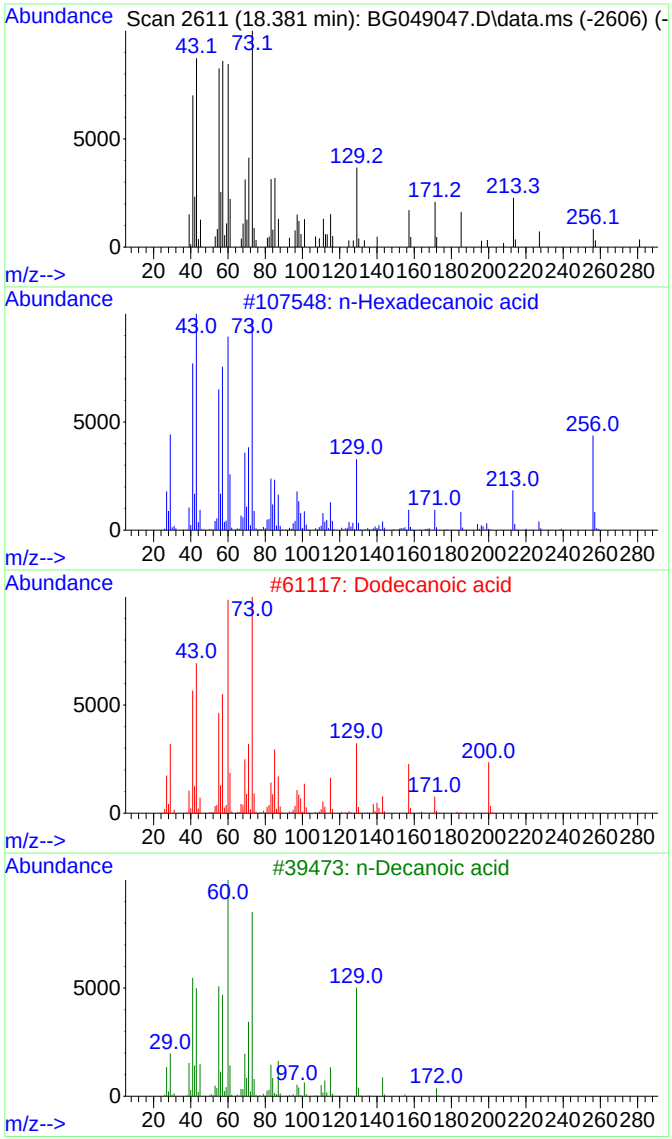
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

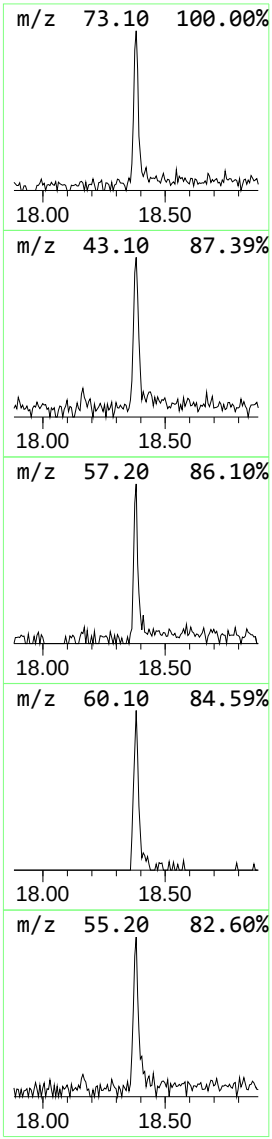
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	3.00 ng	82715	Phenanthrene-d10	17.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2	Dodecanoic acid	200	C12H24O2	000143-07-7	53
3	n-Decanoic acid	172	C10H20O2	000334-48-5	46
4	Nonanoic acid	158	C9H18O2	000112-05-0	30
5	Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049047.D
Acq On : 22 Jun 2021 15:52
Operator : CG/JU
Sample : M2771-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0338-COMPOSITE-DC-21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

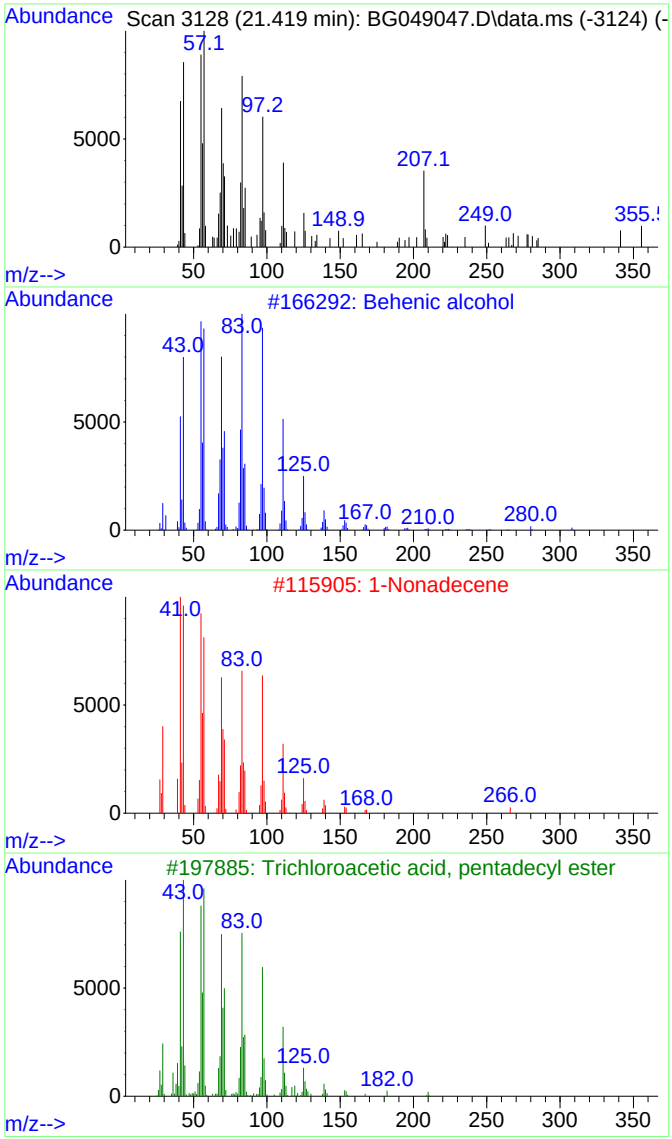
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

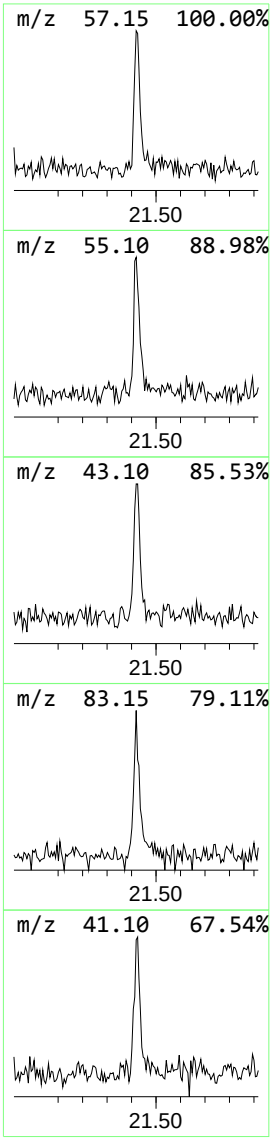
****

Peak Number 6 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.419	2.17 ng	65880	Chrysene-d12	21.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	87
2	1-Nonadecene	266	C19H38	018435-45-5	87
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83
4	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	68
5	Cycloeicosane	280	C20H40	000296-56-0	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049047.D
Acq On : 22 Jun 2021 15:52
Operator : CG/JU
Sample : M2771-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0338-COMPOSITE-DC-21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane	3.164	14.0	ng	161759	1	8.111	231610	20.0
unknown3.240	3.240	2.3	ng	26681	1	8.111	231610	20.0
Benzen-d5-amine	7.394	2.3	ng	26904	1	8.111	231610	20.0
Ethanol, 2-(2-b...	10.696	2.5	ng	38264	2	10.937	308343	20.0
n-Hexadecanoic ...	18.381	3.0	ng	82715	4	17.500	550556	20.0
Behenic alcohol	21.419	2.2	ng	65880	5	21.789	606634	20.0