Quantitation Report (Qedit)

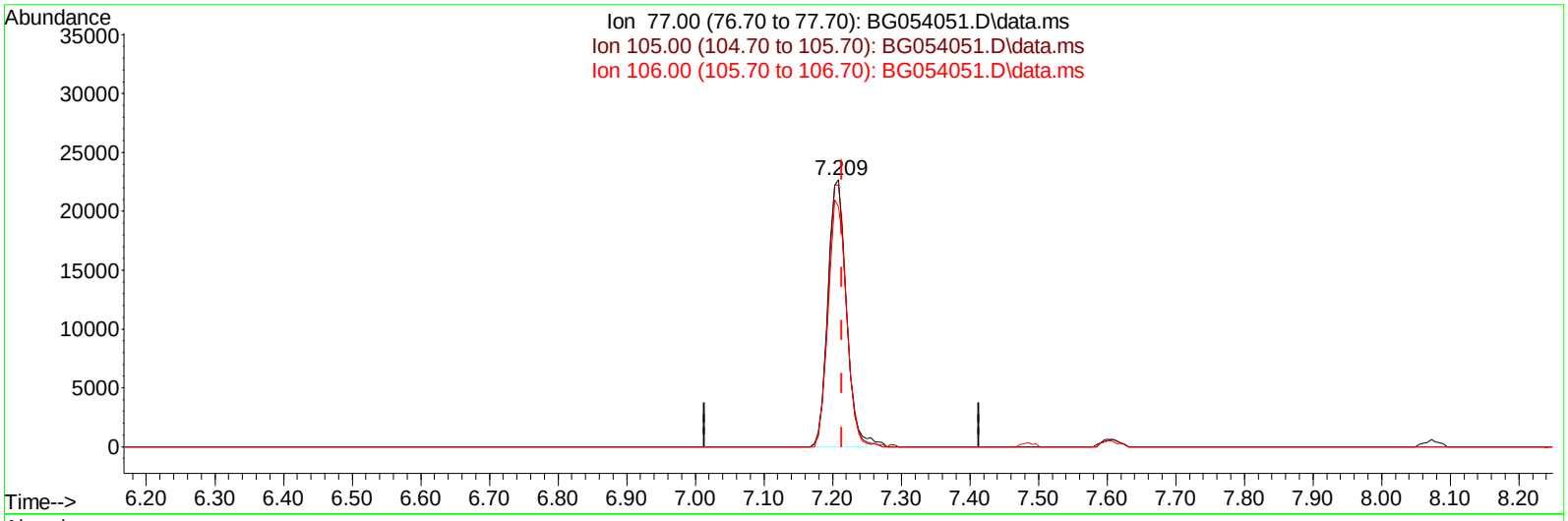
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054051.D
Acq On : 24 Jun 2022 17:07
Operator : CG/JU
Sample : PB145683BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

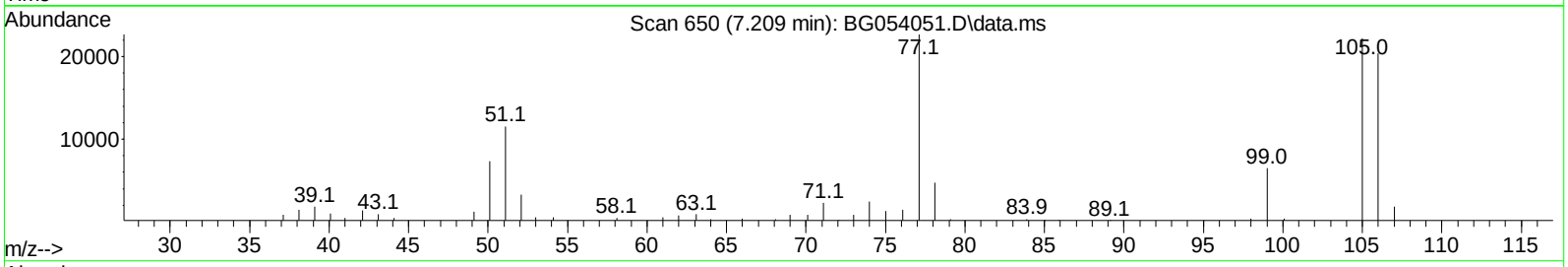
Quant Time: Jun 24 23:53:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration

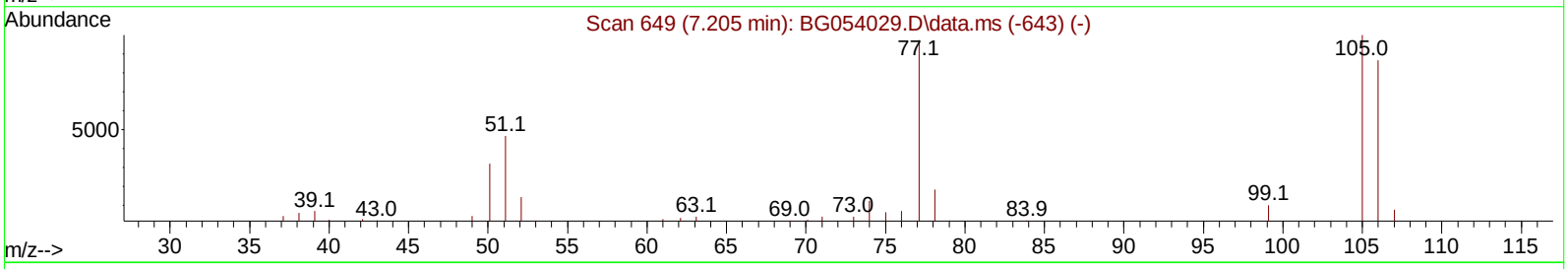
Instrument :
BNA_G
ClientSampleId :
SLCS683

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :mohammad ahmed 06/29/2022







TIC: BG054051.D\data.ms

(6) Benzaldehyde

7.209min (-0.005) 49.68 ng/ul

response 41912

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.60	97.95
106.00	88.70	89.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054051.D
Acq On : 24 Jun 2022 17:07
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Misc :
ALS Vial : 40 Sample Multiplier: 1

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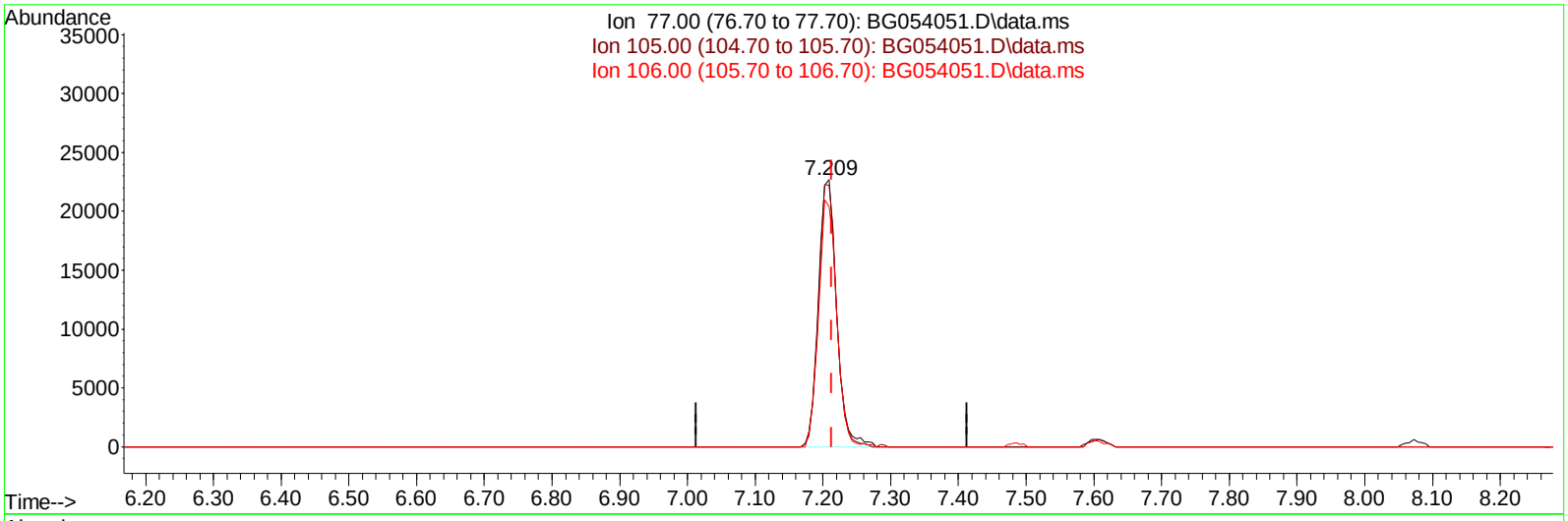

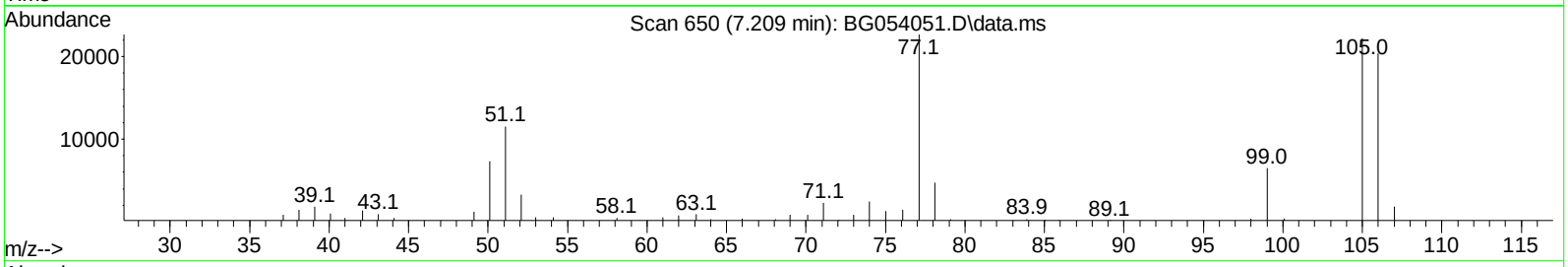

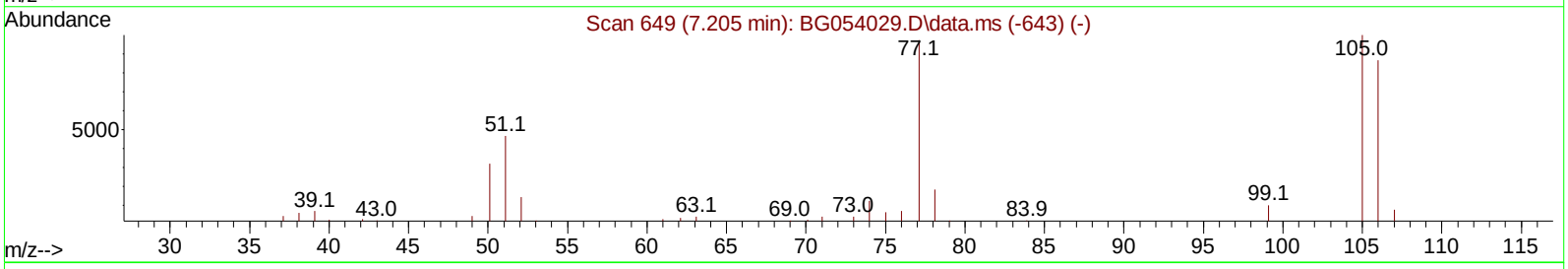

TIC: BG054051.D\data.ms

(6) Benzaldehyde

7.209min (-0.005) 50.50 ng/ul m

response 42611

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.60	97.95
106.00	88.70	89.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
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Acq On : 24 Jun 2022 17:07
Operator : CG/JU
Sample : PB145683BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jun 24 23:53:45 2022
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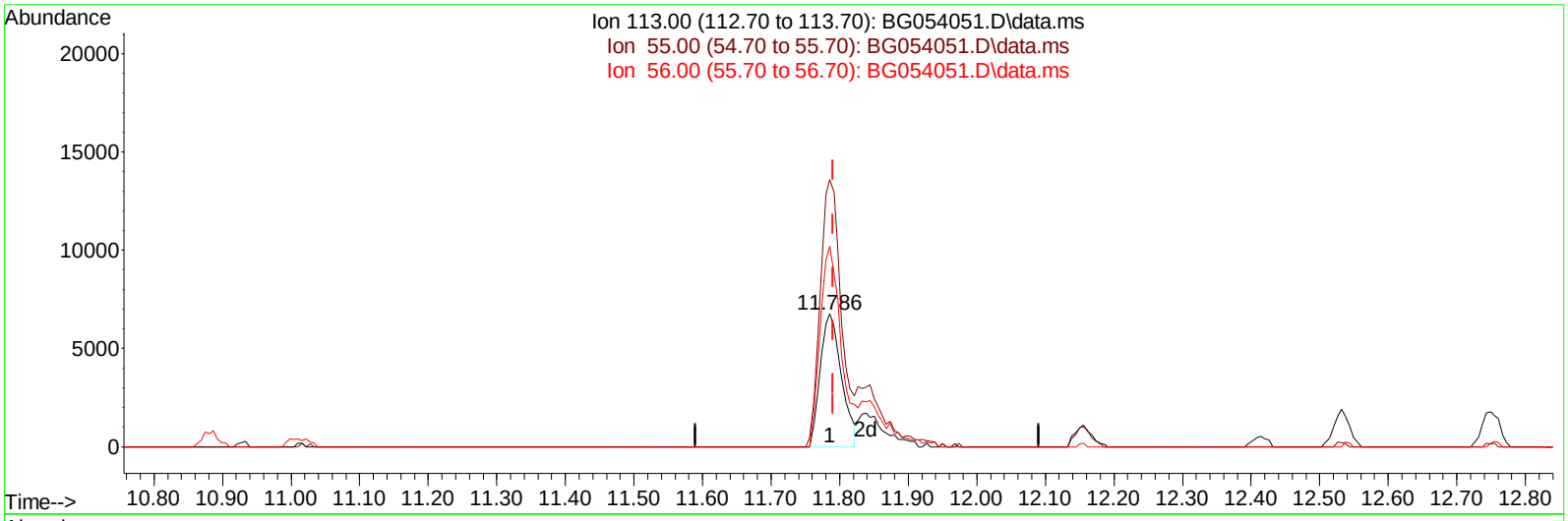

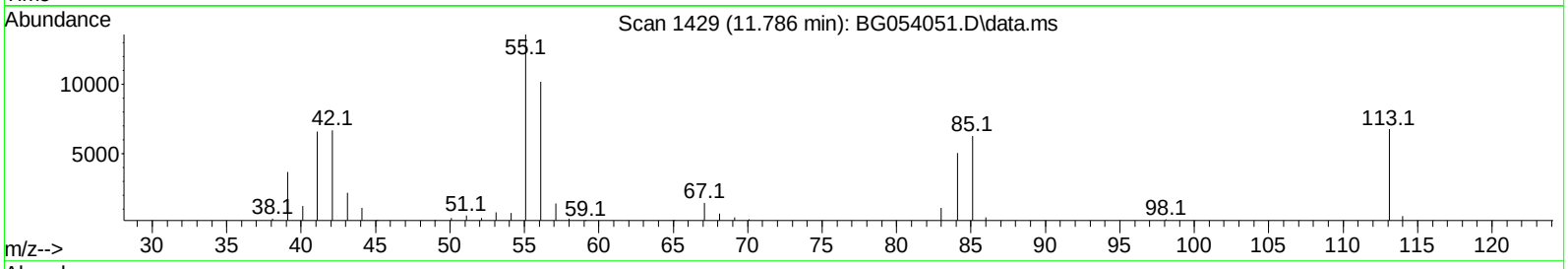

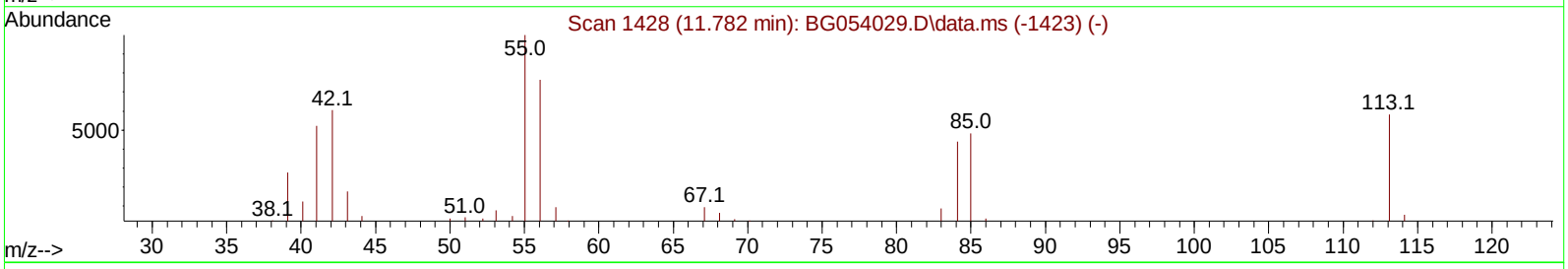

TIC: BG054051.D\data.ms

(34) Caprolactam

11.786min (-0.005) 26.25 ng/ul

response 14431

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	200.84
56.00	159.50	150.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
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Operator : CG/JU
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jun 24 23:53:45 2022
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
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Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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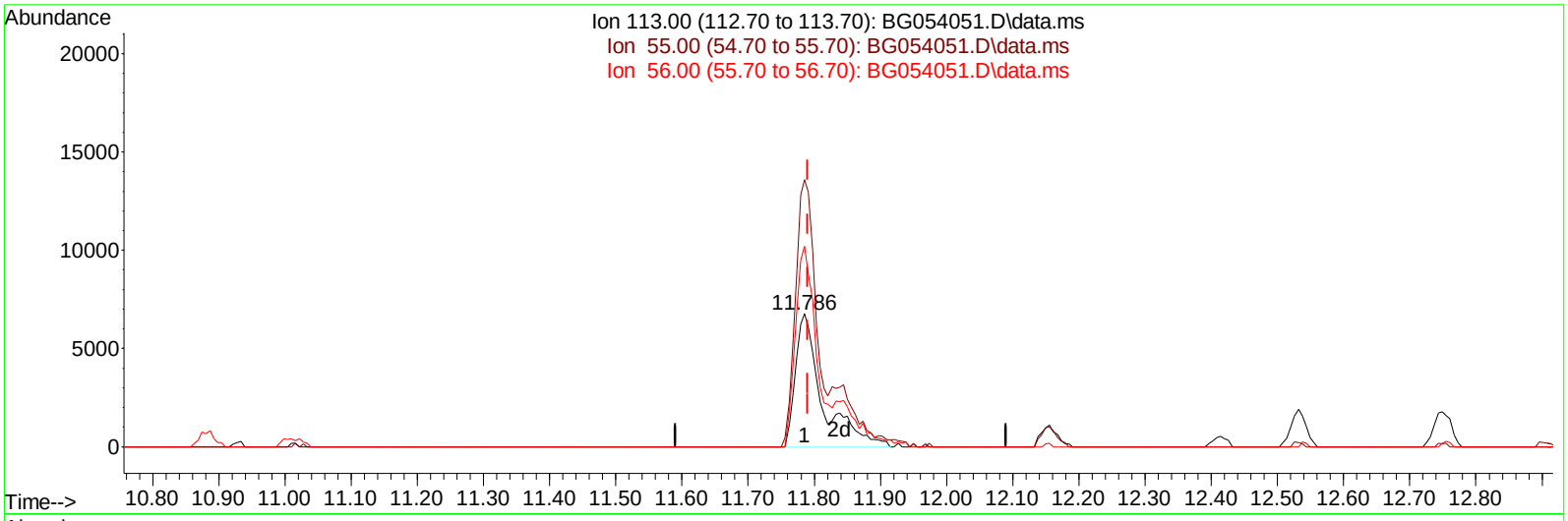

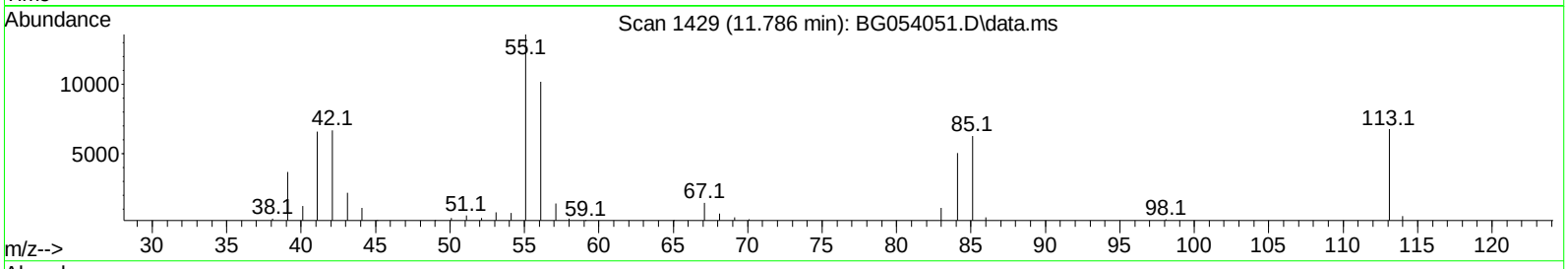

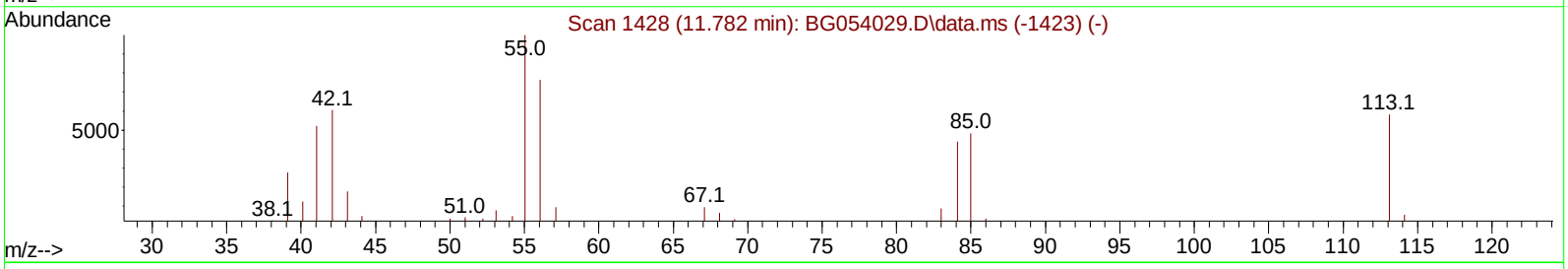

TIC: BG054051.D\data.ms

(34) Caprolactam

11.786min (-0.005) 34.65 ng/ul m

response 19050

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	200.84
56.00	159.50	150.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
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Acq On : 24 Jun 2022 17:07
Operator : CG/JU
Sample : PB145683BS
Misc :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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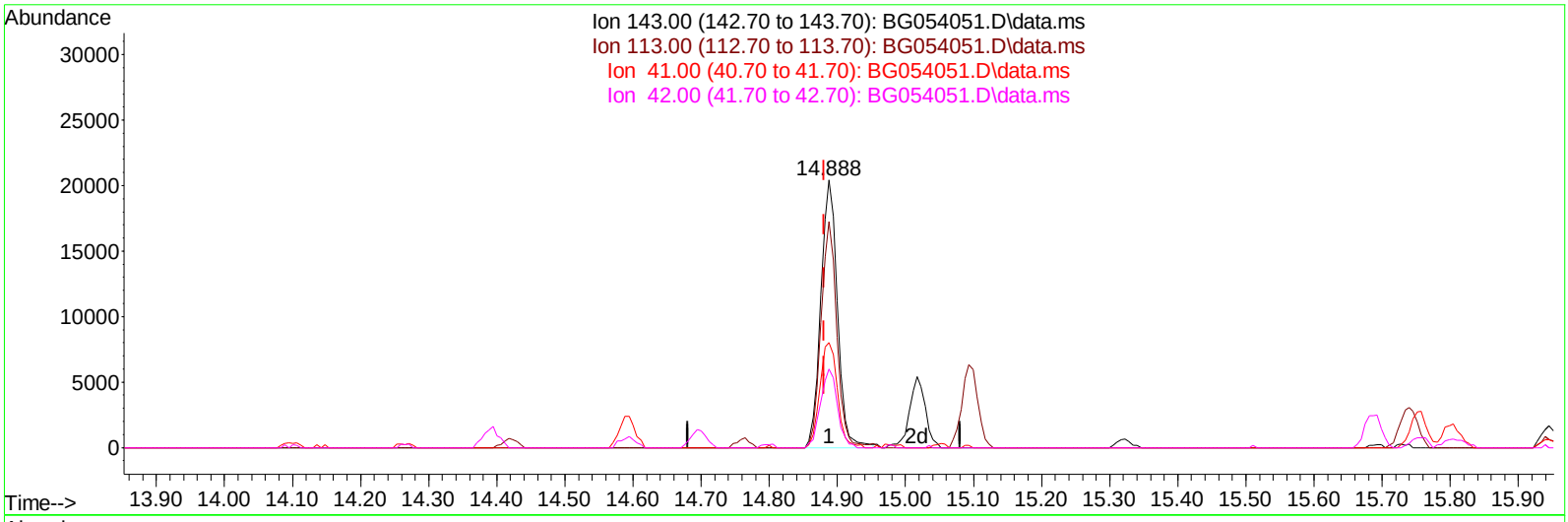

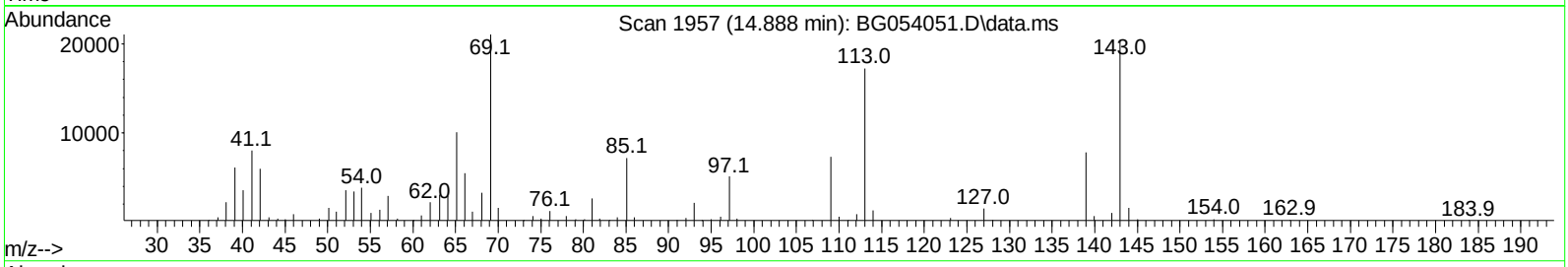

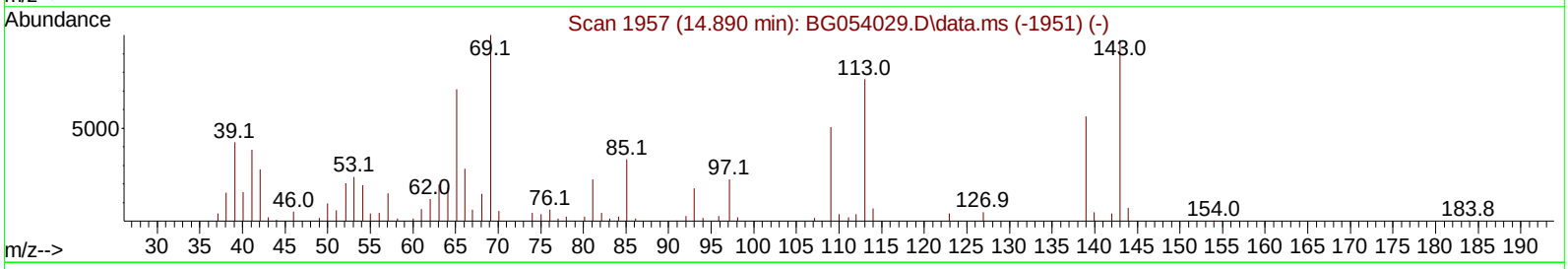

TIC: BG054051.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.888min (+ 0.007) 38.13 ng/ul

response 34292

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	83.90	84.44
41.00	51.40	39.33#
42.00	37.10	29.31#

Quantitation Report (Qedit)

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Sample : PB145683BS
Misc :
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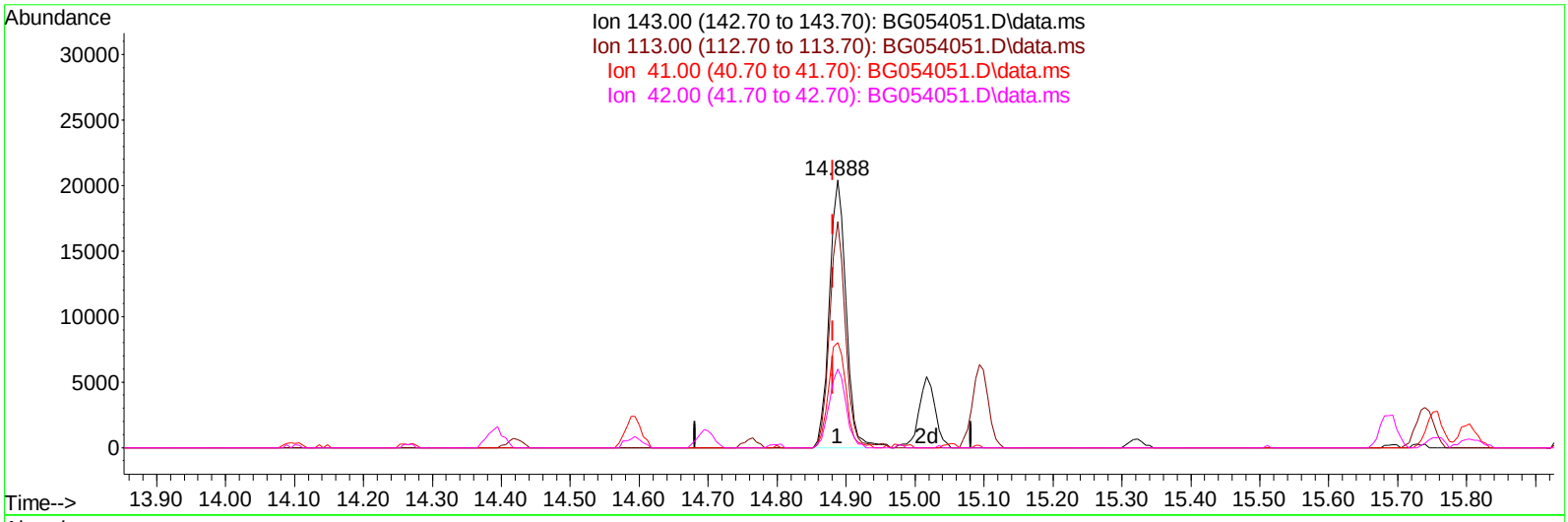
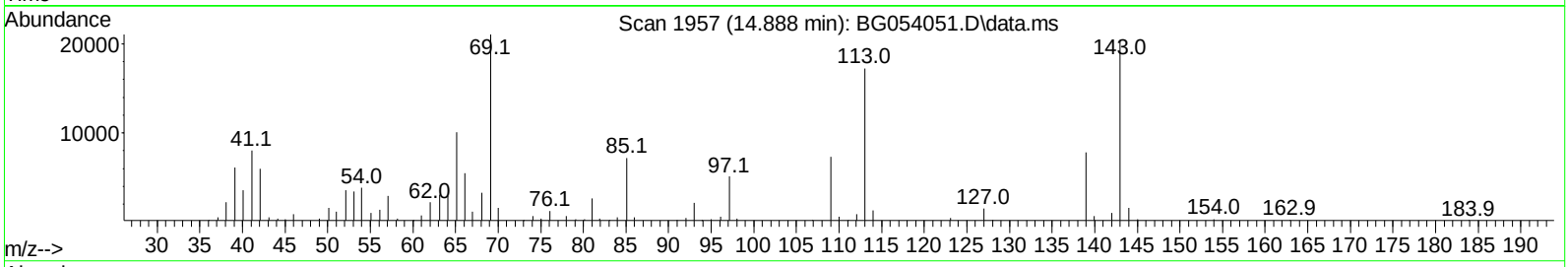
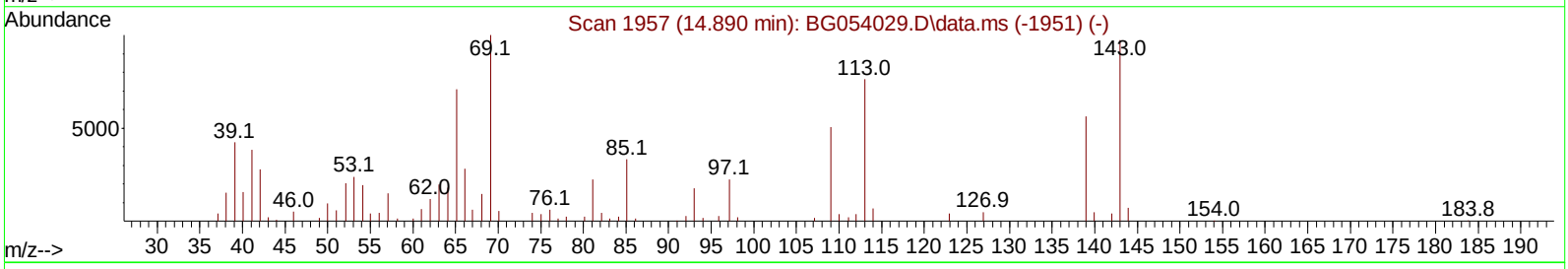
Instrument :
BNA_G
ClientSampleId :
SLCS683

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :mohammad ahmed 06/29/2022







TIC: BG054051.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.888min (+ 0.007) 37.67 ng/ul m

response 33876

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	83.90	84.44
41.00	51.40	39.33#
42.00	37.10	29.31#

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054051.D
Acq On : 24 Jun 2022 17:07
Operator : CG/JU
Sample : PB145683BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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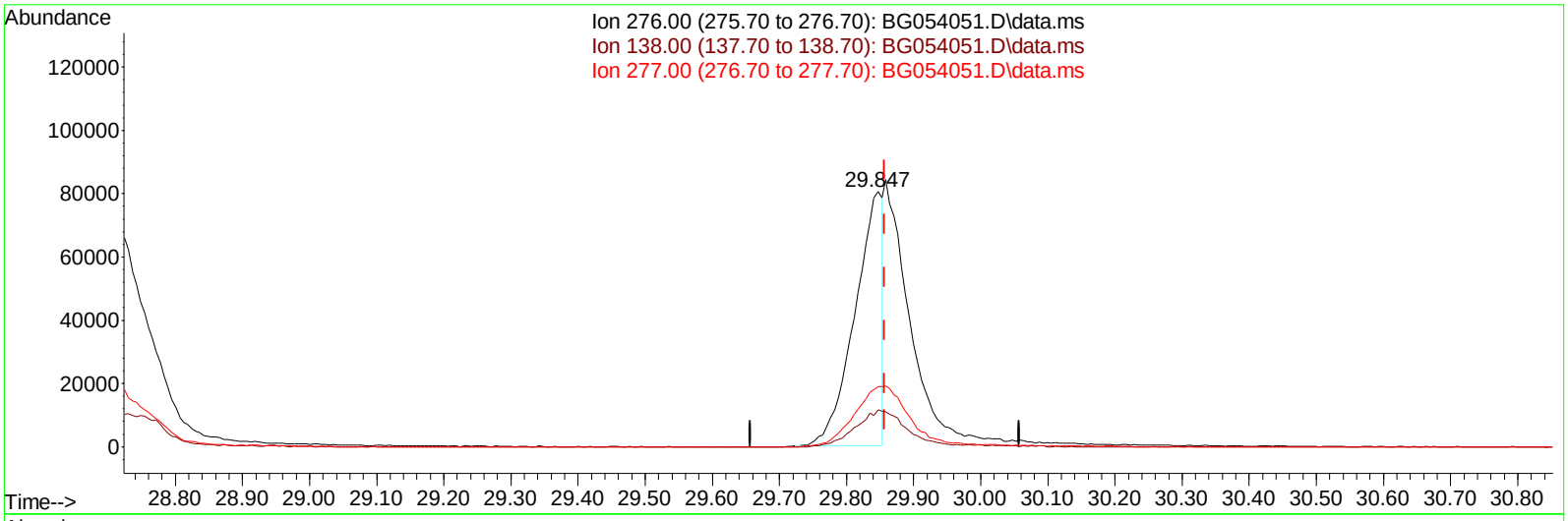

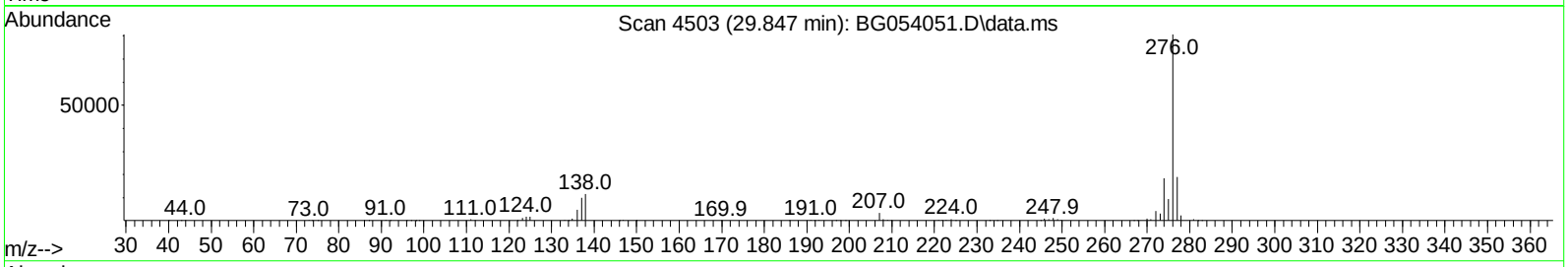

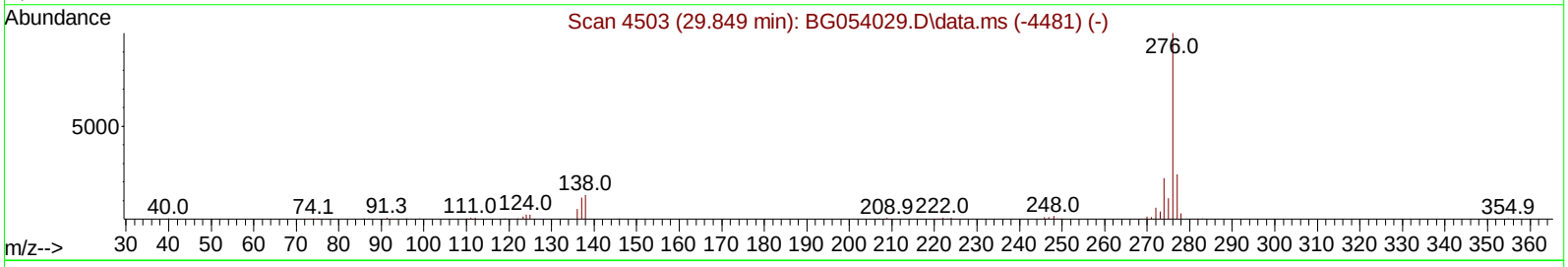

TIC: BG054051.D\data.ms

(96) Benzo(g,h,i)perylene

29.847min (-0.011) 16.43 ng/ul

response 230367

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.10	14.36
277.00	23.20	23.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054051.D
Acq On : 24 Jun 2022 17:07
Operator : CG/JU
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jun 24 23:53:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
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Manual IntegrationsAPPROVED

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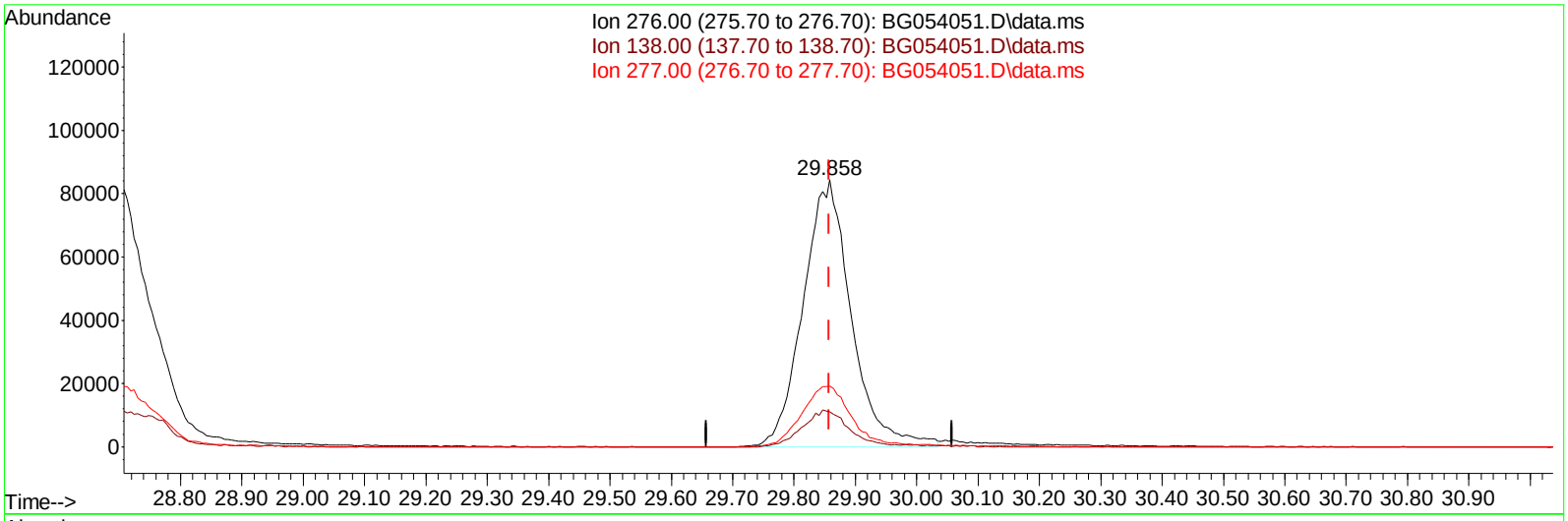

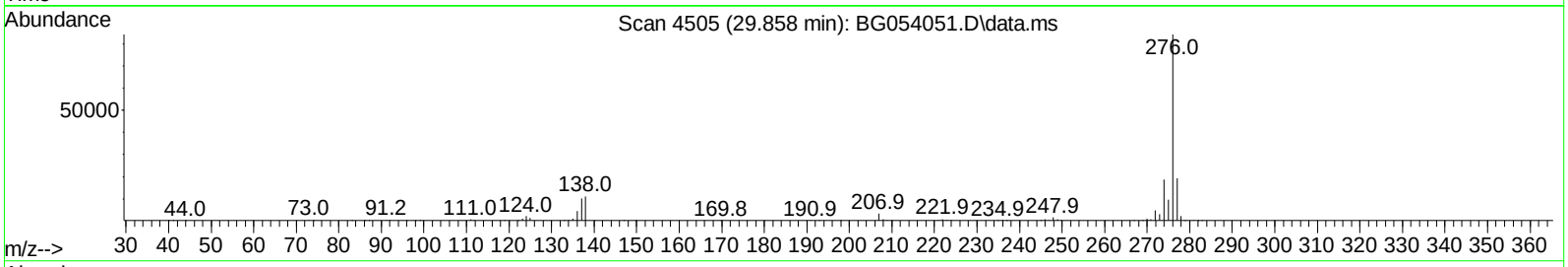

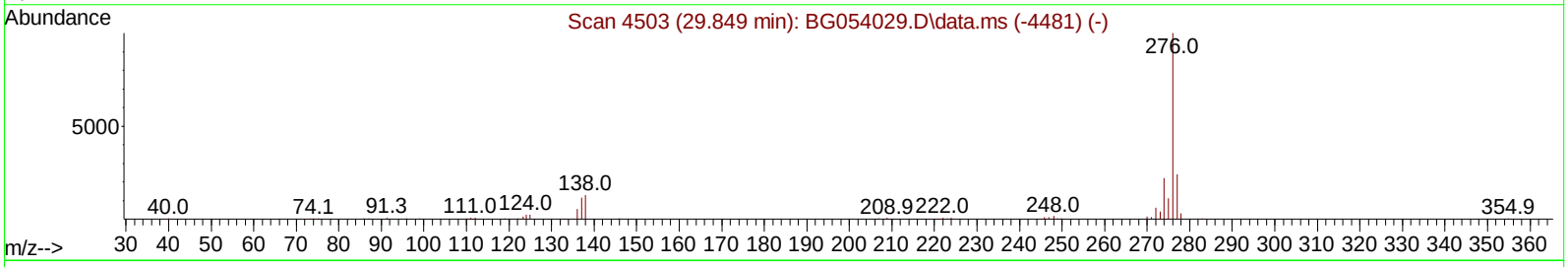

TIC: BG054051.D\data.ms

(96) Benzo(g,h,i)perylene

29.858min (+ 0.001) 32.77 ng/ul m

response 459617

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.10	13.11
277.00	23.20	22.86
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	23127	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	105595	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.700	164	83488	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	217452	20.000	ng/ul	0.00
79) Chrysene-d12	21.715	240	229827	20.000	ng/ul	0.00
88) Perylene-d12	24.970	264	232103	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.495	96	3128	6.435	ng/uL	-0.01
4) Pyridine-d5	3.907	84	45170	34.167	ng/ul	-0.01
7) Phenol-d5	7.232	99	64965	39.210	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.391	67	37935	37.956	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.602	132	47726	36.122	ng/ul	0.00
15) 4-Methylphenol-d8	8.777	113	55909	39.576	ng/ul	0.00
21) Nitrobenzene-d5	9.230	128	25568	32.621	ng/ul	0.00
24) 2-Nitrophenol-d4	9.958	143	30196	36.259	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	63789	34.621	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	74160	31.860	ng/ul	0.00
46) Dimethylphthalate-d6	14.100	166	220081	33.508	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	238377	33.377	ng/ul	0.00
54) 4-Nitrophenol-d4	14.888	143	33876m	37.669	ng/ul	0.00
60) Fluorene-d10	15.687	176	193279	32.761	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	41779	35.220	ng/ul	0.00
73) Anthracene-d10	17.544	188	320842	32.671	ng/ul	0.00
81) Pyrene-d10	19.823	212	417394	34.832	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.753	264	406664	34.710	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.531	88	6578	12.402	ng/uL#	85
5) Pyridine	3.924	79	44063	32.138	ng/ul	96
6) Benzaldehyde	7.209	77	42611m	50.504	ng/ul	
8) Phenol	7.256	94	63580	36.777	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.485	93	45400	34.669	ng/ul	91
12) 2-Chlorophenol	7.637	128	47176	34.972	ng/ul	95
13) 2-Methylphenol	8.513	108	49628	36.981	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.601	45	75723	38.929	ng/ul	99
16) Acetophenone	8.895	105	77267	35.366	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.877	70	40140	36.041	ng/ul	94
18) 4-Methylphenol	8.842	108	55003	38.313	ng/ul	99
19) Hexachloroethane	9.159	117	17867	31.257	ng/ul	94
22) Nitrobenzene	9.277	77	59841	32.054	ng/ul	92
23) Isophorone	9.800	82	115164	31.816	ng/ul	99
25) 2-Nitrophenol	9.988	139	28450	32.580	ng/ul	94
26) 2,4-Dimethylphenol	10.046	107	59285	31.091	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.281	93	69464	34.089	ng/ul	99
29) 2,4-Dichlorophenol	10.528	162	59745	32.425	ng/ul	95
30) Naphthalene	10.934	128	162706	31.062	ng/ul	98
32) 4-Chloroaniline	11.033	127	71875	31.139	ng/ul	98
33) Hexachlorobutadiene	11.222	225	42310	23.509	ng/ul	98
34) Caprolactam	11.786	113	19050m	34.646	ng/ul	
35) 4-Chloro-3-methylphenol	12.156	107	63994	36.116	ng/ul	100

Quantitation Report (QT Reviewed)

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SLCS683

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.532	142	119284	30.783	ng/ul	98
37) 1-Methylnaphthalene	12.749	142	120963	31.302	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.902	216	90244	26.593	ng/ul	97
40) Hexachlorocyclopentadiene	12.878	237	40405	21.230	ng/ul	96
41) 2,4,6-Trichlorophenol	13.137	196	54540	30.966	ng/ul	95
42) 2,4,5-Trichlorophenol	13.207	196	63485	31.884	ng/ul	99
43) 1,1'-Biphenyl	13.531	154	179385	31.001	ng/ul	99
44) 2-Chloronaphthalene	13.578	162	145208	30.218	ng/ul	98
45) 2-Nitroaniline	13.771	65	44221	36.579	ng/ul	96
47) Dimethylphthalate	14.147	163	200634	31.782	ng/ul	99
48) 2,6-Dinitrotoluene	14.265	165	42603	33.556	ng/ul	93
50) Acenaphthylene	14.424	152	228555	31.167	ng/ul	100
51) 3-Nitroaniline	14.594	138	40705	39.495	ng/ul#	95
52) Acenaphthene	14.764	153	161100	32.898	ng/ul	99
53) 2,4-Dinitrophenol	14.800	184	19878	33.797	ng/ul#	64
55) 4-Nitrophenol	14.900	109	27693	31.413	ng/ul	96
56) Dibenzofuran	15.093	168	233735	31.195	ng/ul	98
57) 2,4-Dinitrotoluene	15.052	165	63687	34.581	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.323	232	59905	34.623	ng/ul#	95
59) Diethylphthalate	15.511	149	201376	32.534	ng/ul	99
61) Fluorene	15.746	166	195398	32.019	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.734	204	111446	28.722	ng/ul	95
63) 4-Nitroaniline	15.757	138	43087	43.477	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.816	198	38089	33.450	ng/ul	97
67) N-Nitrosodiphenylamine	15.945	169	178372	33.553	ng/ul	95
68) 4-Bromophenyl-phenylether	16.627	248	80908	29.954	ng/ul	95
69) Hexachlorobenzene	16.750	284	87928	27.775	ng/ul	96
70) Atrazine	16.891	200	82833	31.723	ng/ul	97
71) Pentachlorophenol	17.091	266	43018	32.059	ng/ul	92
72) Phenanthrene	17.485	178	350633	32.547	ng/ul	99
74) Anthracene	17.573	178	347913	32.044	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.501	216	99186	26.780	ng/uL	96
76) Pentachlorobenzene	15.017	250	96554	28.345	ng/uL	100
77) Carbazole	17.843	167	305822	34.164	ng/ul	100
78) Di-n-butylphthalate	18.395	149	367907	36.099	ng/ul	99
80) Fluoranthene	19.488	202	447681	33.466	ng/ul	99
82) Pyrene	19.853	202	448135	33.695	ng/ul	99
83) Butylbenzylphthalate	20.734	149	164374	41.011	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.609	252	166587	35.026	ng/ul	97
85) Benzo(a)anthracene	21.697	228	472621	33.363	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.603	149	235293	40.174	ng/ul	99
87) Chrysene	21.762	228	438483	32.264	ng/ul	99
89) Di-n-octyl phthalate	22.826	149	404181	40.547	ng/ul	100
90) Benzo(b)fluoranthene	23.936	252	485362	33.866	ng/ul	99
91) Benzo(k)fluoranthene	24.007	252	464600	33.855	ng/ul	99
93) Benzo(a)pyrene	24.823	252	423272	30.659	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.689	276	566482	34.105	ng/ul	98
95) Dibenzo(a,h)anthracene	28.760	278	455531	32.588	ng/ul	98
96) Benzo(g,h,i)perylene	29.858	276	459617m	32.773	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SLCS683

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :mohammad ahmed 06/29/2022

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054051.D
Acq On : 24 Jun 2022 17:07
Operator : CG/JU
Sample : PB145683BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jun 24 23:53:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS683

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