Quantitation Report (Qedit)

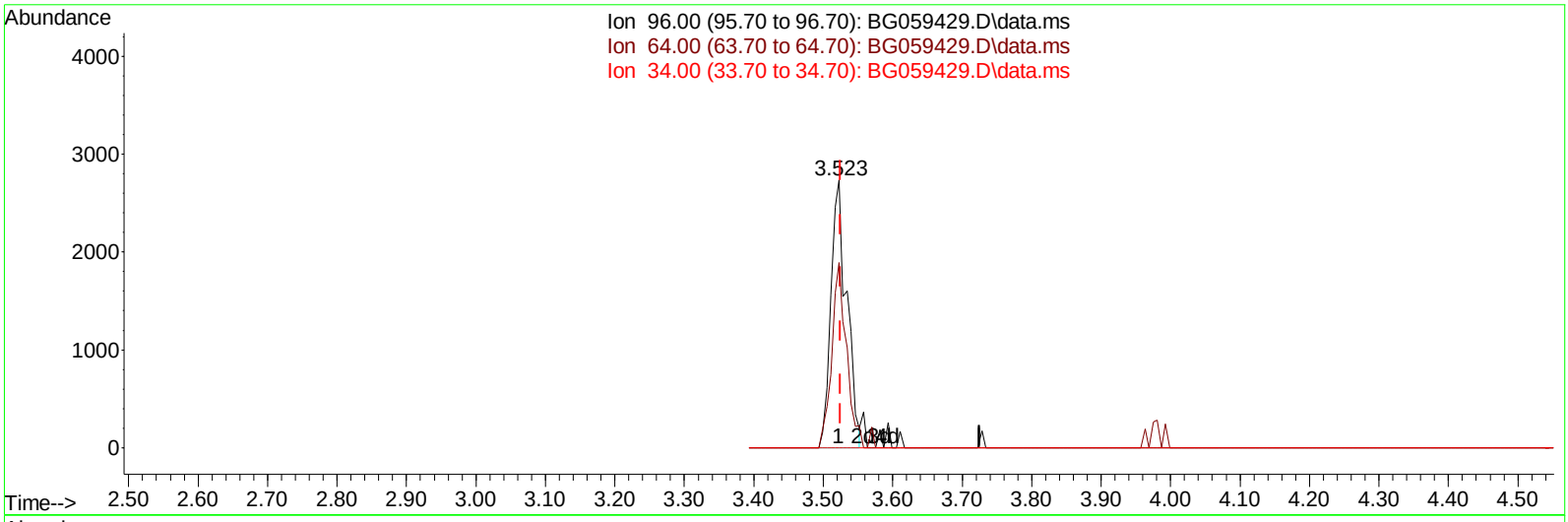
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101023\
Data File : BG059429.D
Acq On : 10 Oct 2023 19:27
Operator : MA/JU
Sample : PB156059BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

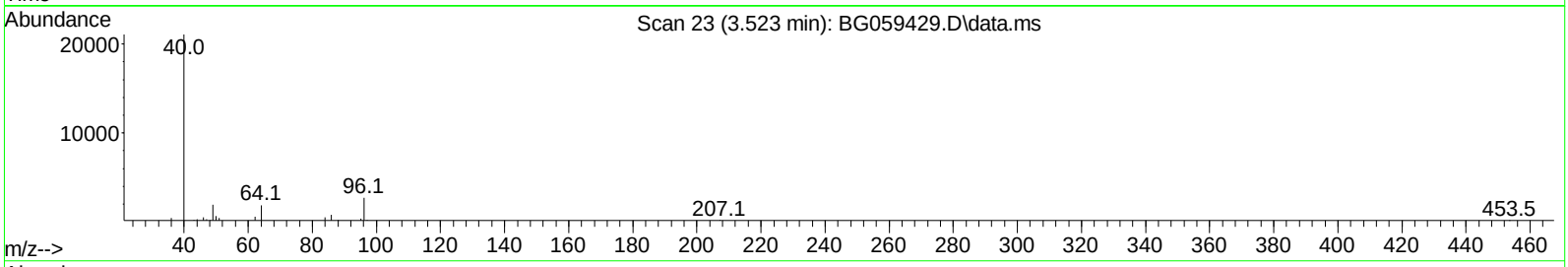
Quant Time: Oct 10 22:51:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

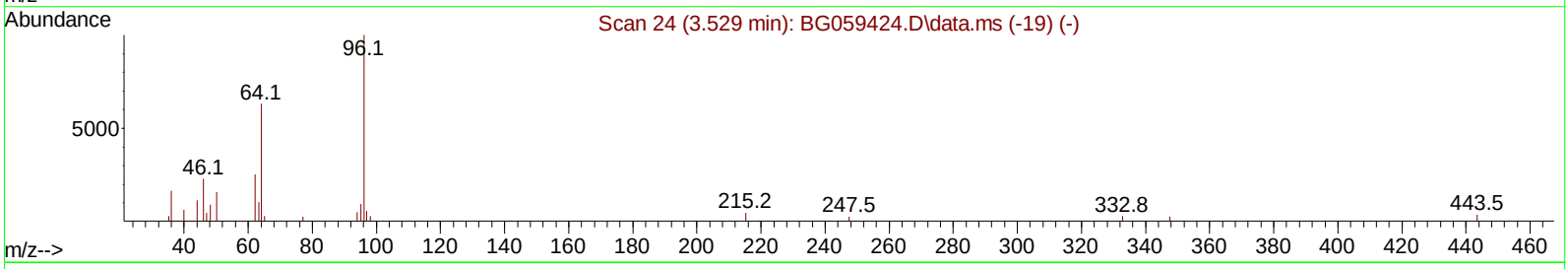
Instrument :
BNA_G
ClientSampleId :
SLCS059

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023







TIC: BG059429.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.523min (-0.003) 4.68 ng/uL

response 4378

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	69.20	69.12
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101023\
Data File : BG059429.D
Acq On : 10 Oct 2023 19:27
Operator : MA/JU
Sample : PB156059BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 10 22:51:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
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Instrument :
BNA_G
ClientSampleId :
SLCS059

Manual IntegrationsAPPROVED

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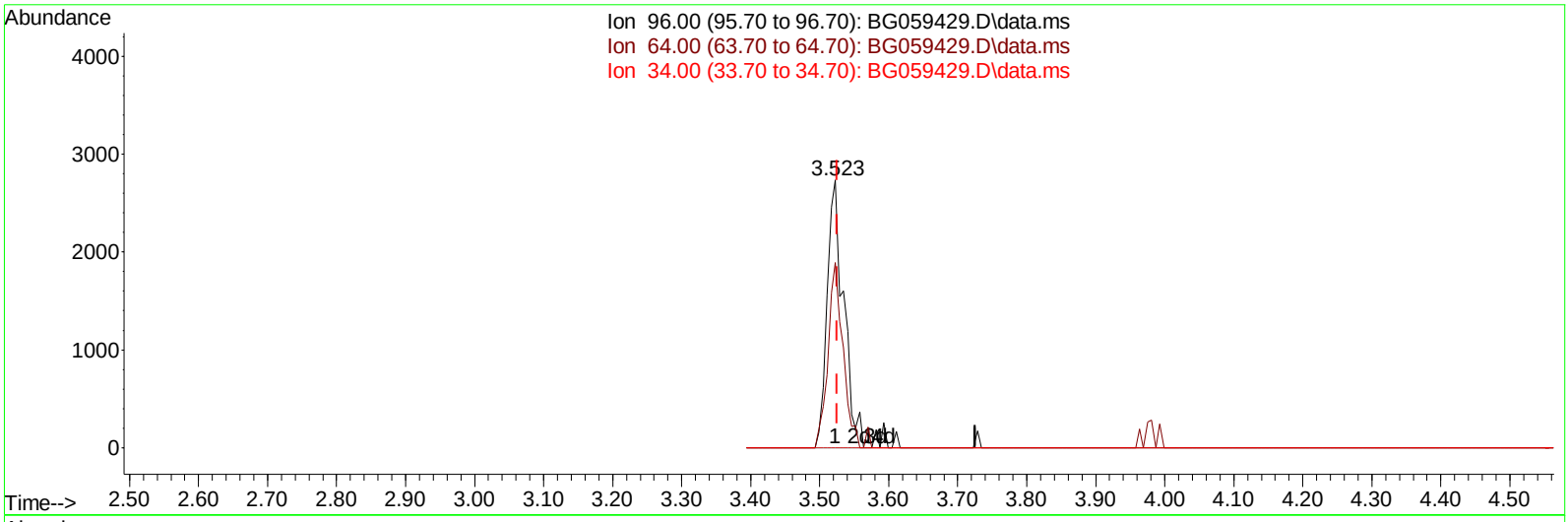

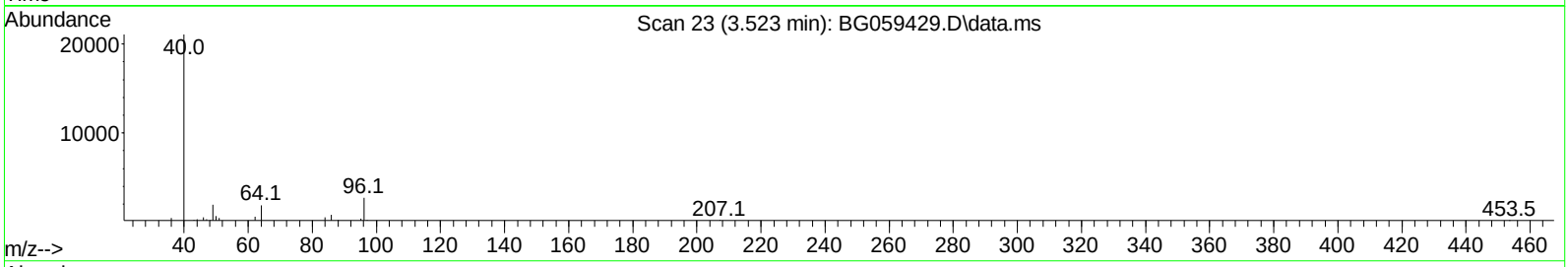

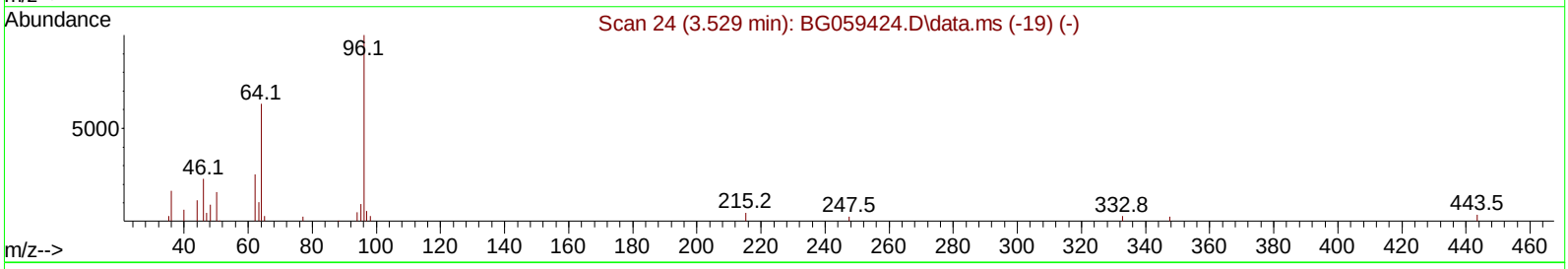

TIC: BG059429.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.523min (-0.003) 4.82 ng/uL m

response 4505

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	69.20	69.12
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101023\
Data File : BG059429.D
Acq On : 10 Oct 2023 19:27
Operator : MA/JU
Sample : PB156059BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 10 22:51:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS059

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2023
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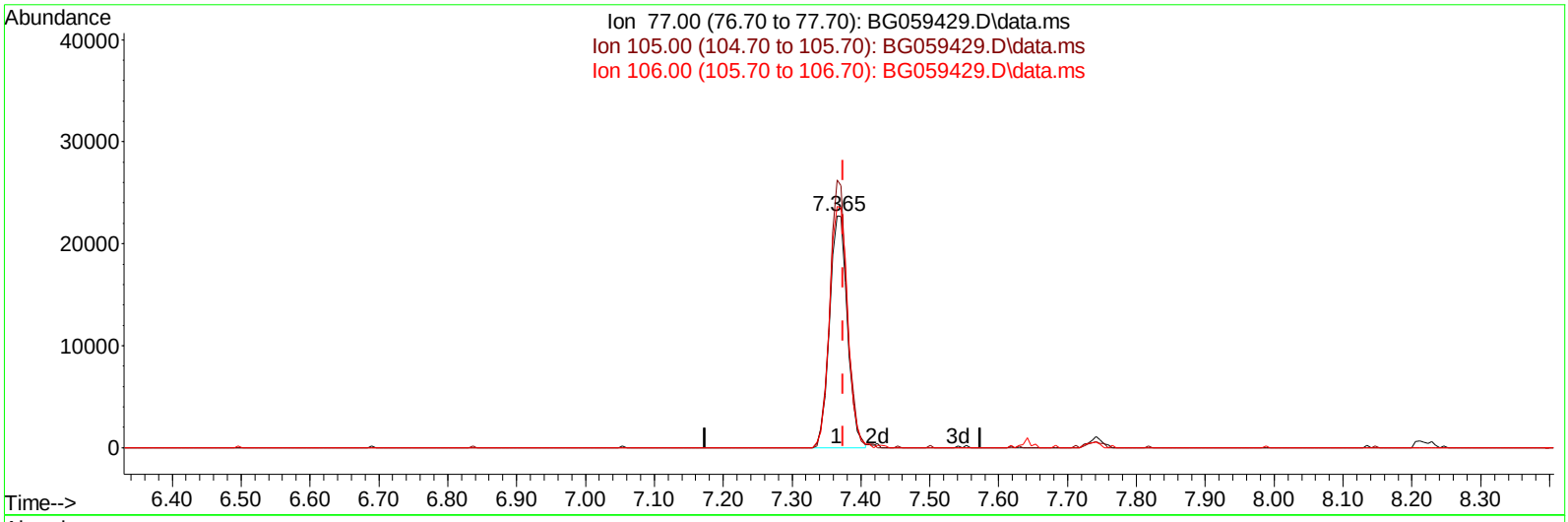
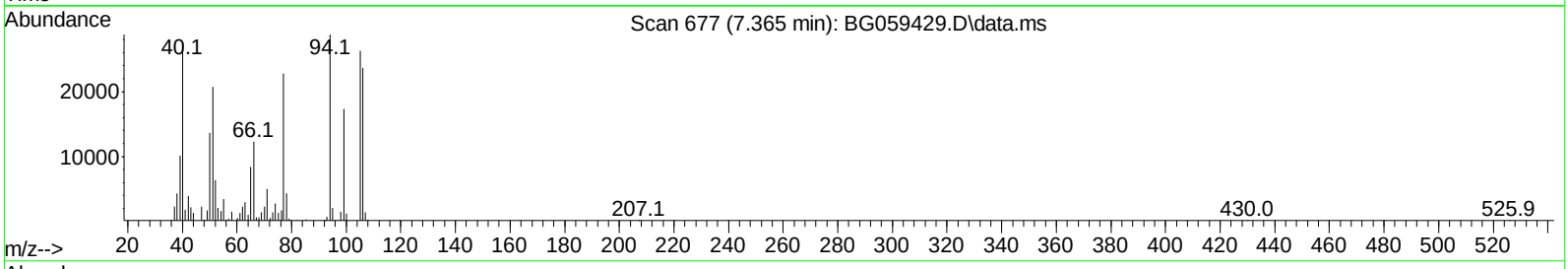
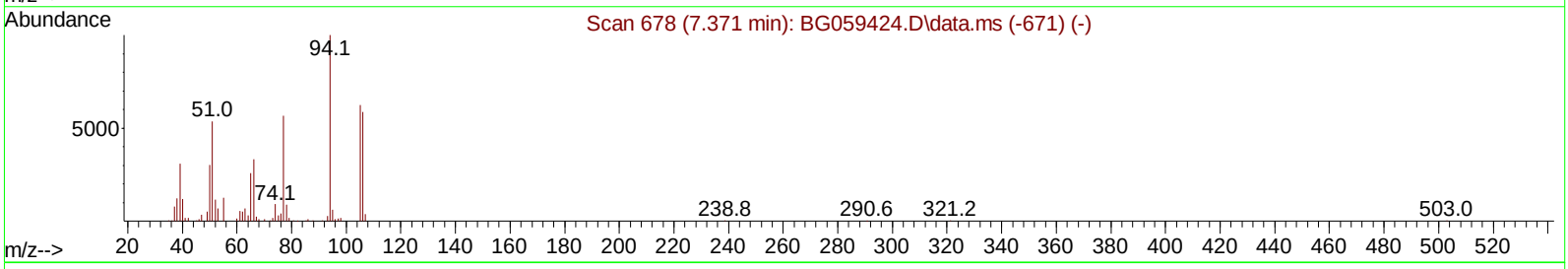






TIC: BG059429.D\data.ms

(6) Benzaldehyde

7.365min (-0.009) 26.63 ng/ul

response 40648

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.40	115.38
106.00	93.50	104.12
0.00	0.00	0.00

Quantitation Report (Qedit)

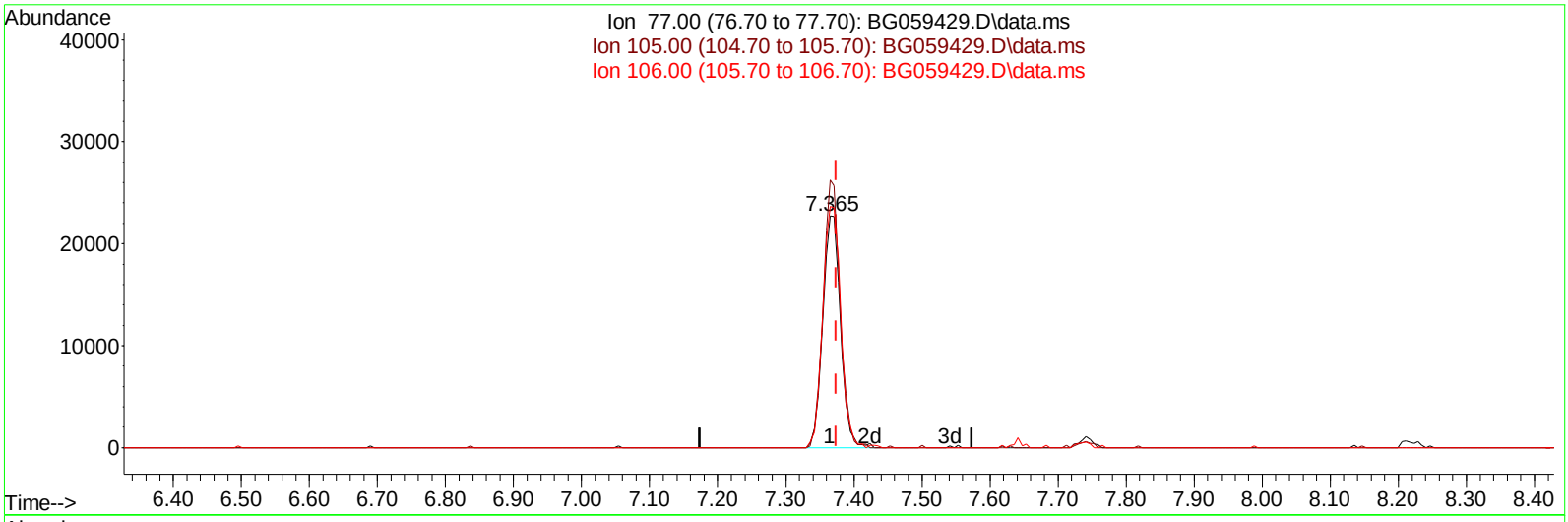
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101023\
Data File : BG059429.D
Acq On : 10 Oct 2023 19:27
Operator : MA/JU
Sample : PB156059BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

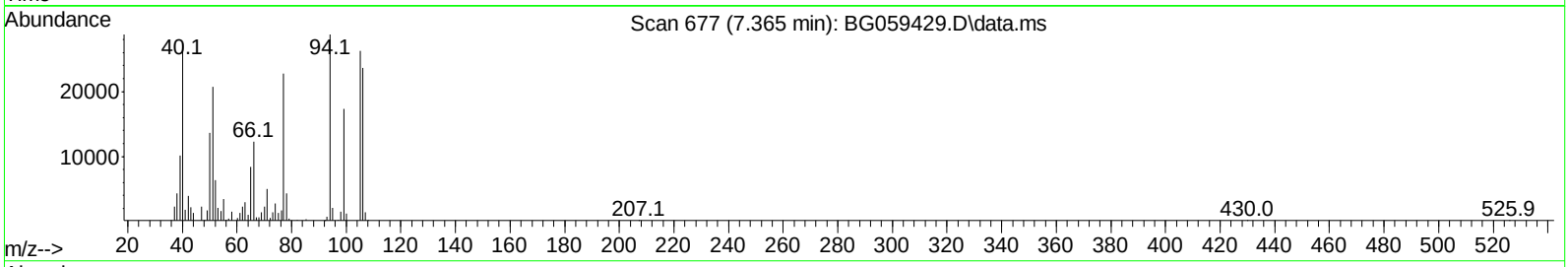
Quant Time: Oct 10 22:51:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

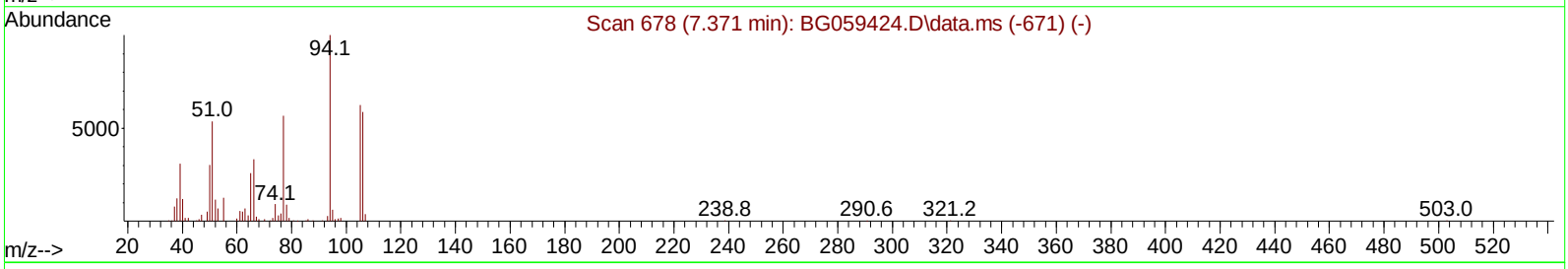
Instrument :
BNA_G
ClientSampleId :
SLCS059

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023







TIC: BG059429.D\data.ms

(6) Benzaldehyde

7.365min (-0.009) 26.86 ng/ul m

response 40990

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.40	115.38
106.00	93.50	104.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101023\
Data File : BG059429.D
Acq On : 10 Oct 2023 19:27
Operator : MA/JU
Sample : PB156059BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 10 22:51:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS059

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2023
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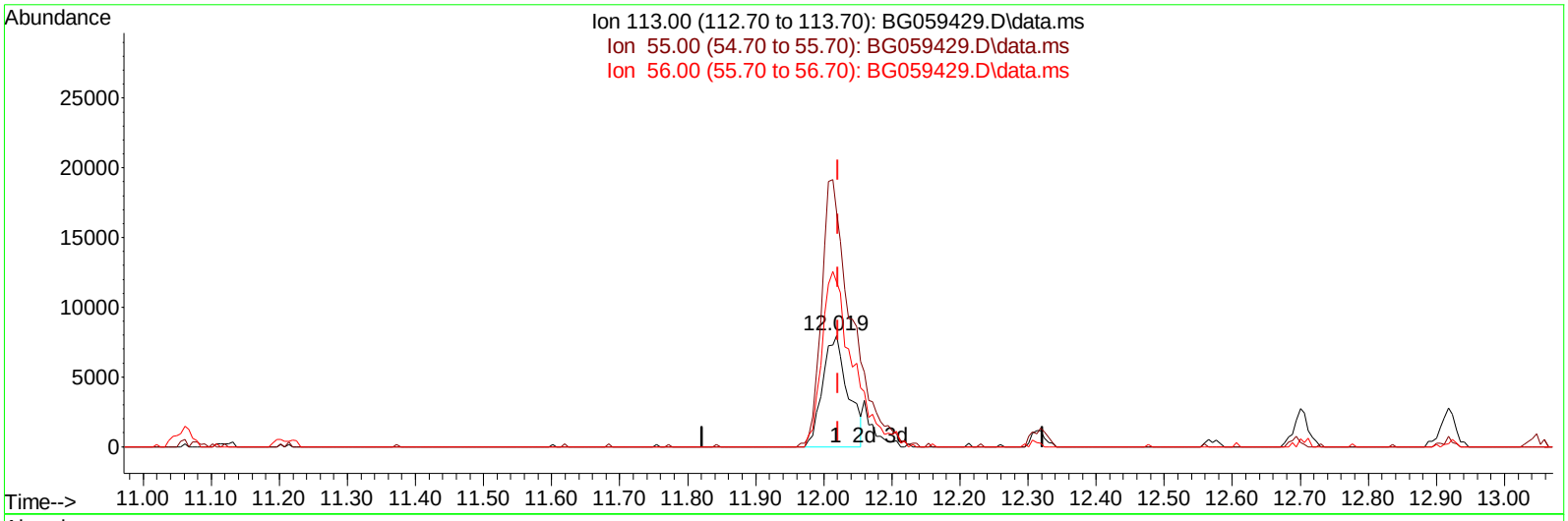

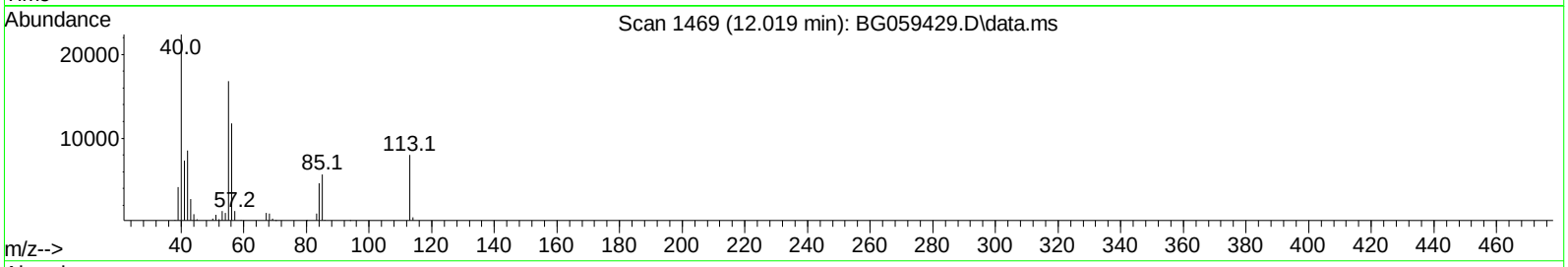

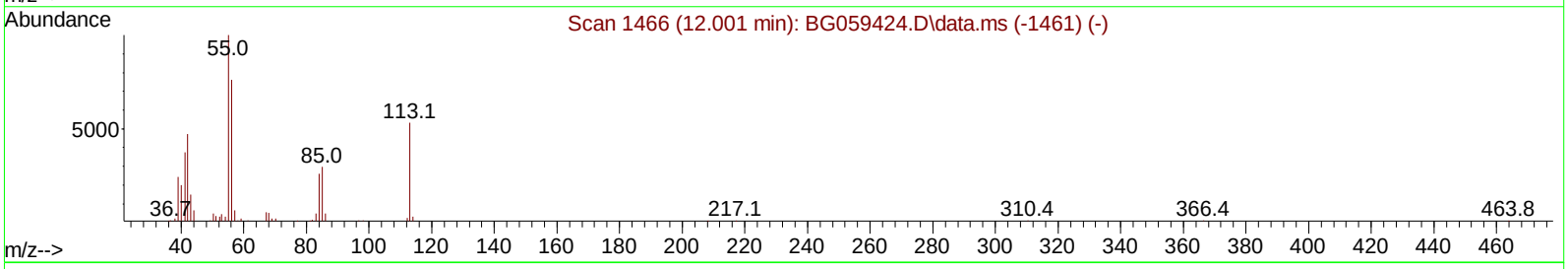

TIC: BG059429.D\data.ms

(34) Caprolactam

12.019min (-0.003) 21.06 ng/ul

response 20507

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	211.40	210.79
56.00	177.10	147.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101023\
Data File : BG059429.D
Acq On : 10 Oct 2023 19:27
Operator : MA/JU
Sample : PB156059BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 10 22:51:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS059

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2023
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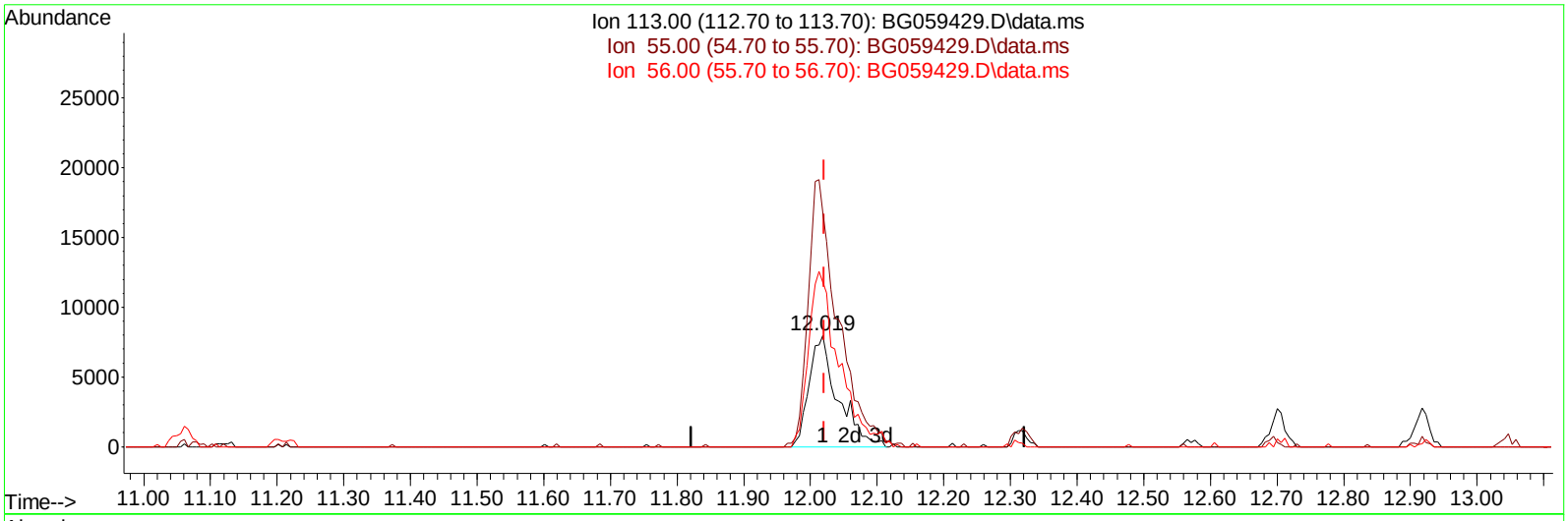

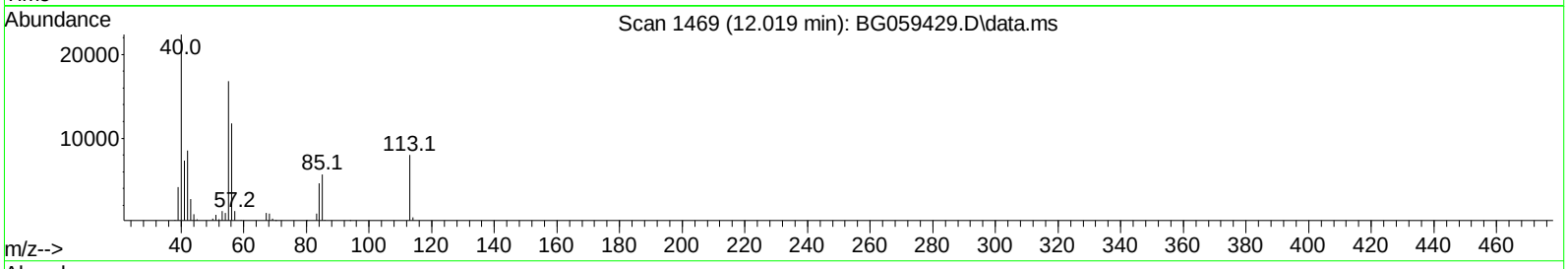

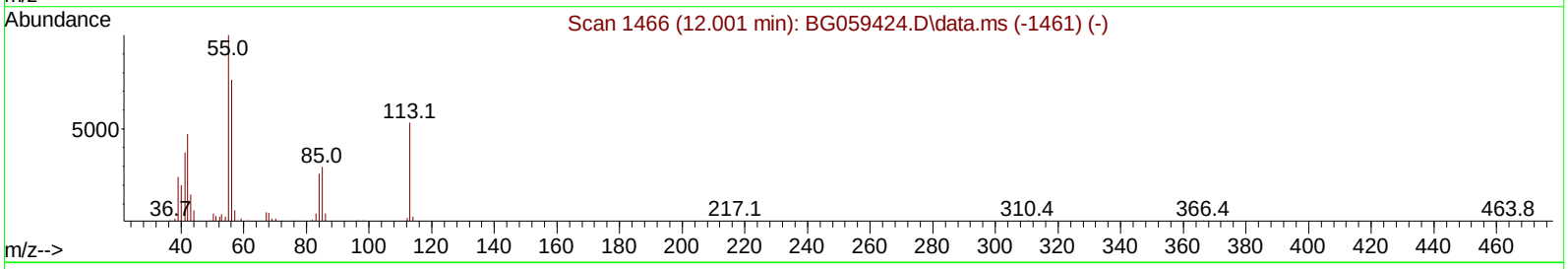

TIC: BG059429.D\data.ms

(34) Caprolactam

12.019min (-0.003) 24.57 ng/ul m

response 23921

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	211.40	210.79
56.00	177.10	147.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101023\
Data File : BG059429.D
Acq On : 10 Oct 2023 19:27
Operator : MA/JU
Sample : PB156059BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 10 22:51:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS059

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2023
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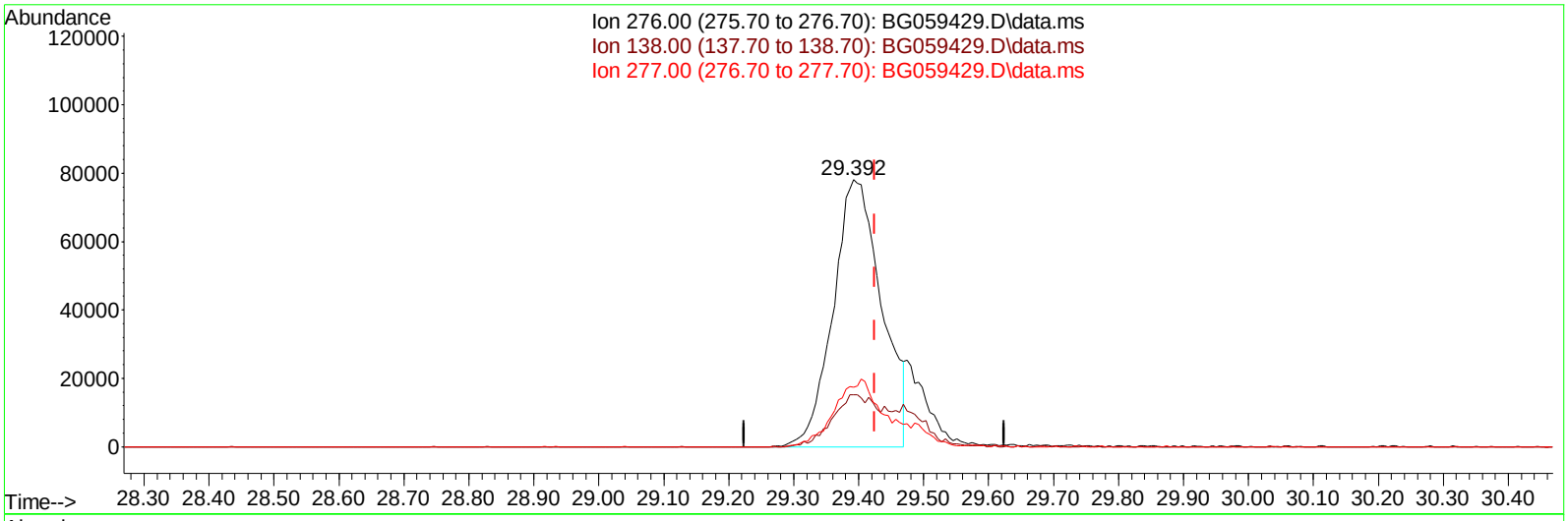

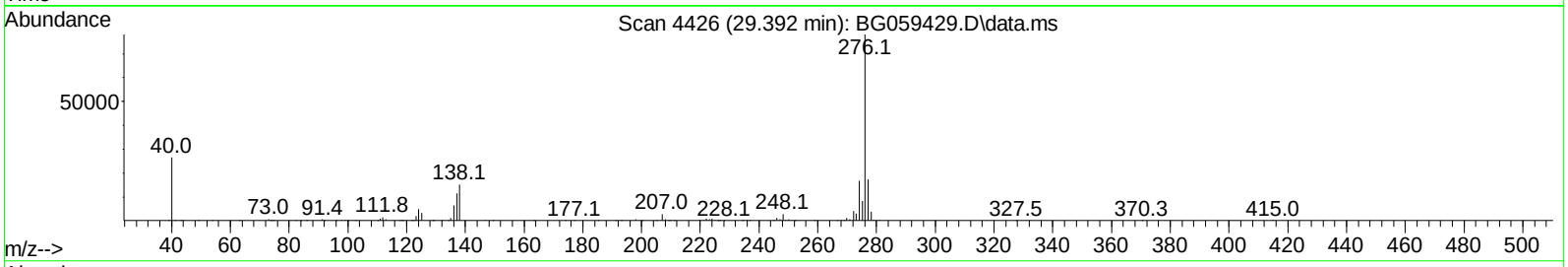

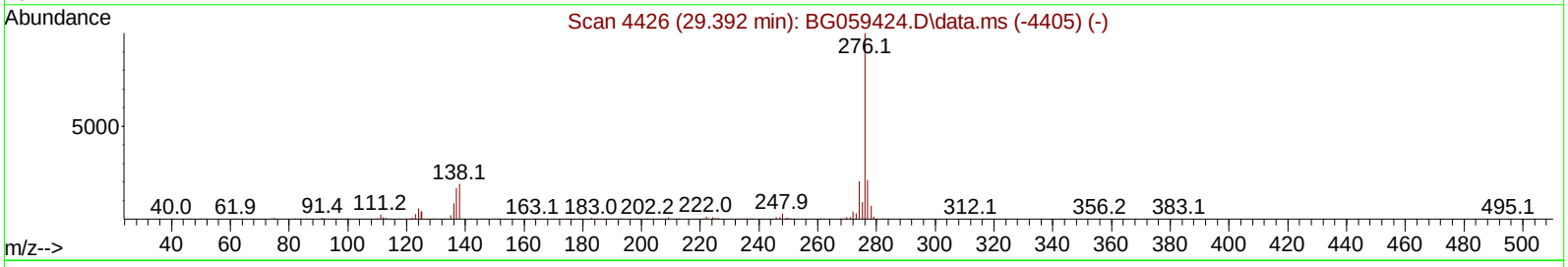

TIC: BG059429.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.392min (-0.032) 22.70 ng/ul

response 404375

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	19.57
277.00	21.40	22.24
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101023\
Data File : BG059429.D
Acq On : 10 Oct 2023 19:27
Operator : MA/JU
Sample : PB156059BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 10 22:51:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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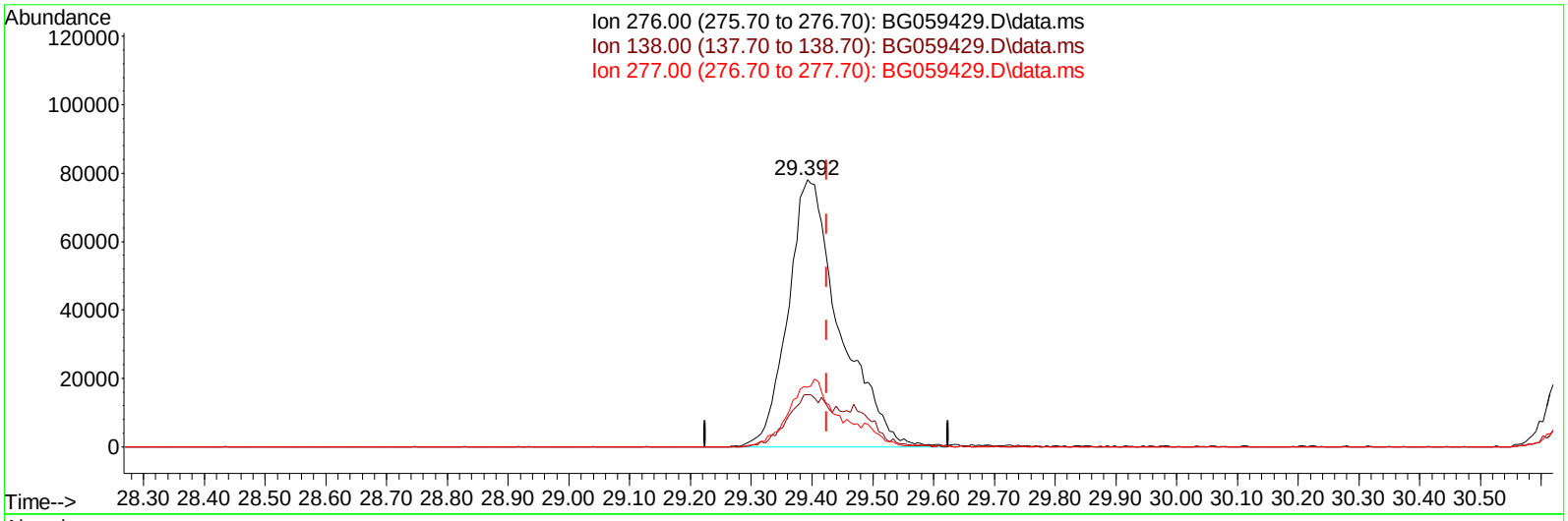

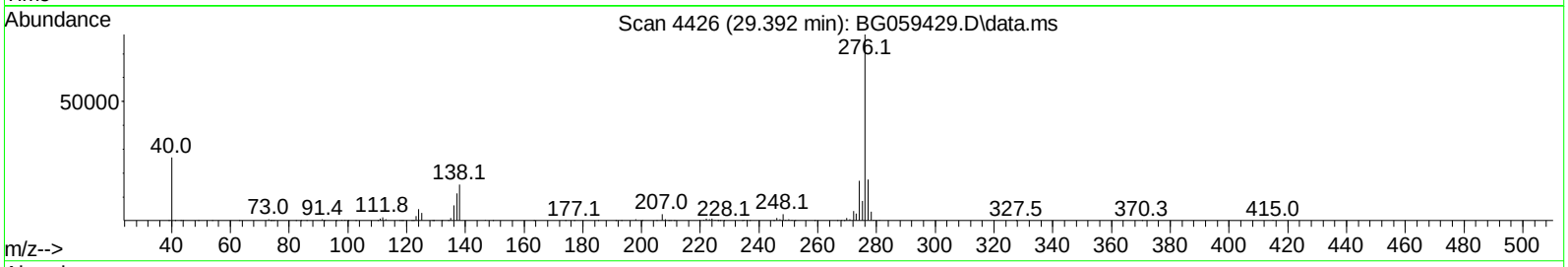

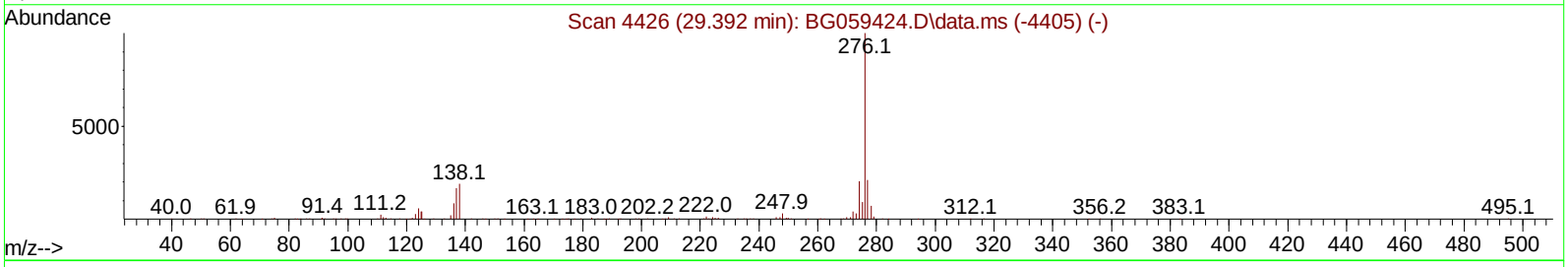

TIC: BG059429.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.392min (-0.032) 26.04 ng/ul m

response 463907

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	19.57
277.00	21.40	22.24
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101023\
Data File : BG059429.D
Acq On : 10 Oct 2023 19:27
Operator : MA/JU
Sample : PB156059BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 10 23:06:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
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Instrument :
BNA_G
ClientSampleId :
SLCS059

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 10/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	33324	20.000	ng/ul	0.00
20) Naphthalene-d8	11.061	136	160121	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.856	164	104263	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.606	188	227389	20.000	ng/ul	0.00
79) Chrysene-d12	21.907	240	215997	20.000	ng/ul	0.00
88) Perylene-d12	25.385	264	246433	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	4505m	4.820	ng/uL	0.00
4) Pyridine-d5	3.957	84	56998	21.187	ng/ul	0.00
7) Phenol-d5	7.348	99	87884	23.884	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	49278	23.694	ng/ul	0.00
11) 2-Chlorophenol-d4	7.741	132	65041	25.274	ng/ul	0.00
15) 4-Methylphenol-d8	8.916	113	63996	22.323	ng/ul	0.00
21) Nitrobenzene-d5	9.422	128	33372	24.483	ng/ul	0.00
24) 2-Nitrophenol-d4	10.138	143	34246	23.213	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.661	165	68752	25.819	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.208	131	86619	20.478	ng/ul	0.00
46) Dimethylphthalate-d6	14.251	166	206166	24.136	ng/ul	0.00
49) Acenaphthylene-d8	14.563	160	245346	24.136	ng/ul	0.00
54) 4-Nitrophenol-d4	15.050	143	36353	22.711	ng/ul	0.00
60) Fluorene-d10	15.844	176	194749	23.885	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.961	200	30169	20.095	ng/ul	0.00
73) Anthracene-d10	17.706	188	264703	23.730	ng/ul	0.00
81) Pyrene-d10	19.980	212	325537	24.879	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.139	264	334928	25.828	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.558	88	9171	9.192	ng/uL#	86
5) Pyridine	3.975	79	53388	19.655	ng/ul	91
6) Benzaldehyde	7.365	77	40990m	26.856	ng/ul	
8) Phenol	7.377	94	89945	24.720	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.636	93	69640	24.853	ng/ul	97
12) 2-Chlorophenol	7.771	128	67109	24.748	ng/ul	95
13) 2-Methylphenol	8.652	108	65222	23.989	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.728	45	141653	24.161	ng/ul	99
16) Acetophenone	9.063	105	106848	24.526	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.028	70	49800	22.942	ng/ul	90
18) 4-Methylphenol	8.981	108	72095	24.114	ng/ul	91
19) Hexachloroethane	9.304	117	25068	25.415	ng/ul#	83
22) Nitrobenzene	9.463	77	73597	24.629	ng/ul	95
23) Isophorone	9.968	82	152801	23.947	ng/ul	99
25) 2-Nitrophenol	10.168	139	38784	25.490	ng/ul	96
26) 2,4-Dimethylphenol	10.197	107	44646	14.875	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.450	93	97567	25.445	ng/ul	98
29) 2,4-Dichlorophenol	10.691	162	69241	25.823	ng/ul	99
30) Naphthalene	11.114	128	234213	25.291	ng/ul	98
32) 4-Chloroaniline	11.231	127	81135	20.277	ng/ul	99
33) Hexachlorobutadiene	11.343	225	44691	27.604	ng/ul	93
34) Caprolactam	12.019	113	23921m	24.568	ng/ul	
35) 4-Chloro-3-methylphenol	12.318	107	68514	23.812	ng/ul	94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101023\
Data File : BG059429.D
Acq On : 10 Oct 2023 19:27
Operator : MA/JU
Sample : PB156059BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 10 23:06:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS059

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.700	142	155127	25.127	ng/ul	90
37) 1-Methylnaphthalene	12.918	142	150351	23.456	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.041	216	82811	26.665	ng/ul	97
40) Hexachlorocyclopentadiene	13.000	237	27056	14.511	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.288	196	50515	23.971	ng/ul	91
42) 2,4,5-Trichlorophenol	13.358	196	53355	23.312	ng/ul	93
43) 1,1'-Biphenyl	13.693	154	227838	26.550	ng/ul	97
44) 2-Chloronaphthalene	13.746	162	171598	26.014	ng/ul	98
45) 2-Nitroaniline	13.969	65	49828	23.069	ng/ul	96
47) Dimethylphthalate	14.298	163	214259	24.958	ng/ul	99
48) 2,6-Dinitrotoluene	14.445	165	42617	24.606	ng/ul#	96
50) Acenaphthylene	14.586	152	260171	23.811	ng/ul	99
51) 3-Nitroaniline	14.786	138	44555	26.272	ng/ul	94
52) Acenaphthene	14.921	153	186579	25.237	ng/ul	98
53) 2,4-Dinitrophenol	14.986	184	12161	9.775	ng/ul	97
55) 4-Nitrophenol	15.068	109	26574	24.605	ng/ul	86
56) Dibenzofuran	15.256	168	258056	25.297	ng/ul	98
57) 2,4-Dinitrotoluene	15.227	165	60642	23.908	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.468	232	43490	19.803	ng/ul#	97
59) Diethylphthalate	15.644	149	205791	24.102	ng/ul	98
61) Fluorene	15.902	166	213404	24.588	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.885	204	108114	25.209	ng/ul	98
63) 4-Nitroaniline	15.949	138	46082	30.182	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.973	198	32788	20.534	ng/ul	97
67) N-Nitrosodiphenylamine	16.102	169	175073	27.207	ng/ul	97
68) 4-Bromophenyl-phenylether	16.784	248	65437	27.100	ng/ul	98
69) Hexachlorobenzene	16.872	284	72795	26.412	ng/ul#	89
70) Atrazine	17.030	200	5265	2.064	ng/ul	94
71) Pentachlorophenol	17.230	266	27297	17.041	ng/ul	93
72) Phenanthrene	17.647	178	360789	26.791	ng/ul	99
74) Anthracene	17.741	178	342373	24.997	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.652	216	8330	2.820	ng/uL#	84
76) Pentachlorobenzene	15.150	250	84525	27.646	ng/uL	92
77) Carbazole	18.017	167	311246	27.306	ng/ul	99
78) Di-n-butylphthalate	18.523	149	363228	26.935	ng/ul	99
80) Fluoranthene	19.645	202	413598	25.403	ng/ul	99
82) Pyrene	20.009	202	427533	25.266	ng/ul	97
83) Butylbenzylphthalate	20.861	149	163972	26.226	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.801	252	155816	28.917	ng/ul#	94
85) Benzo(a)anthracene	21.889	228	415533	25.189	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.713	149	242238	25.906	ng/ul	99
87) Chrysene	21.954	228	406626	26.243	ng/ul	97
89) Di-n-octyl phthalate	23.000	149	416180	26.765	ng/ul	100
90) Benzo(b)fluoranthene	24.257	252	448033	27.594	ng/ul	100
91) Benzo(k)fluoranthene	24.334	252	441450	26.777	ng/ul	96
93) Benzo(a)pyrene	25.215	252	390313	25.236	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.392	276	463907m	26.039	ng/ul	
95) Dibenzo(a,h)anthracene	29.475	278	377520	26.060	ng/ul	99
96) Benzo(g,h,i)perylene	30.673	276	376363	26.488	ng/ul#	93

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

Instrument :
BNA_G
ClientSampleId :
SLCS059

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101023\
Data File : BG059429.D
Acq On : 10 Oct 2023 19:27
Operator : MA/JU
Sample : PB156059BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 10 23:06:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS059

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023