Quantitation Report (Qedit)

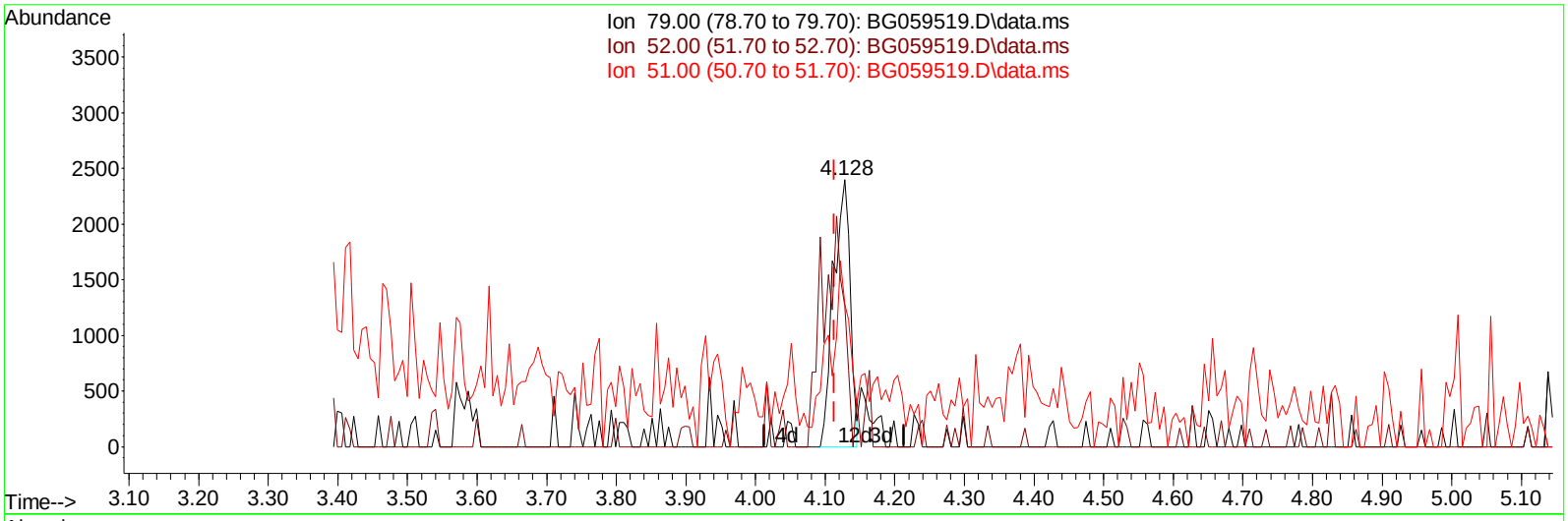
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059519.D
Acq On : 28 Oct 2023 13:07
Operator : MA/JU
Sample : 04925-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

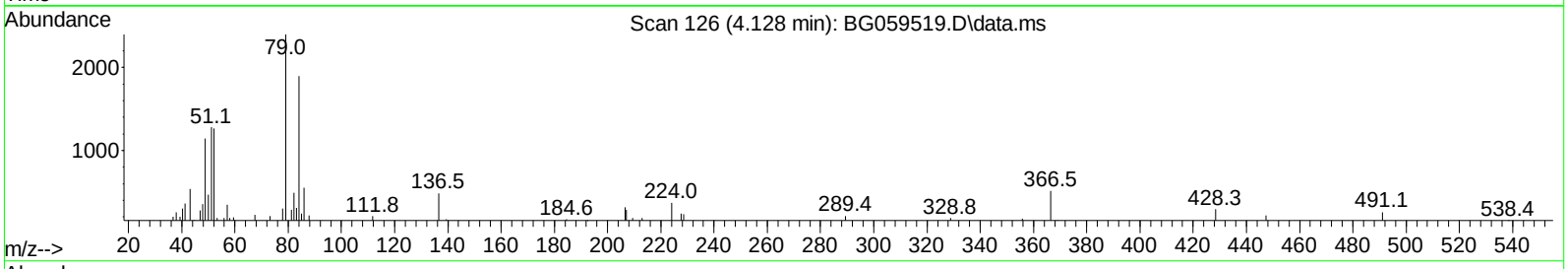
Quant Time: Oct 30 02:13:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

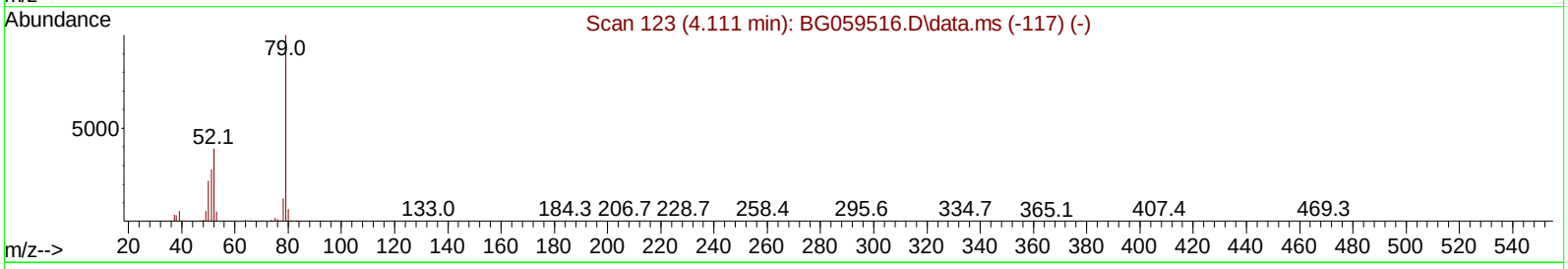
Instrument :
BNA_G
ClientSampleId :
GCCW9MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023







TIC: BG059519.D\data.ms

(5) Pyridine

4.128min (+ 0.015) 0.80 ng/ul

response 4006

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	66.60	52.69#
51.00	28.00	53.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059519.D
Acq On : 28 Oct 2023 13:07
Operator : MA/JU
Sample : 04925-02MS
Misc :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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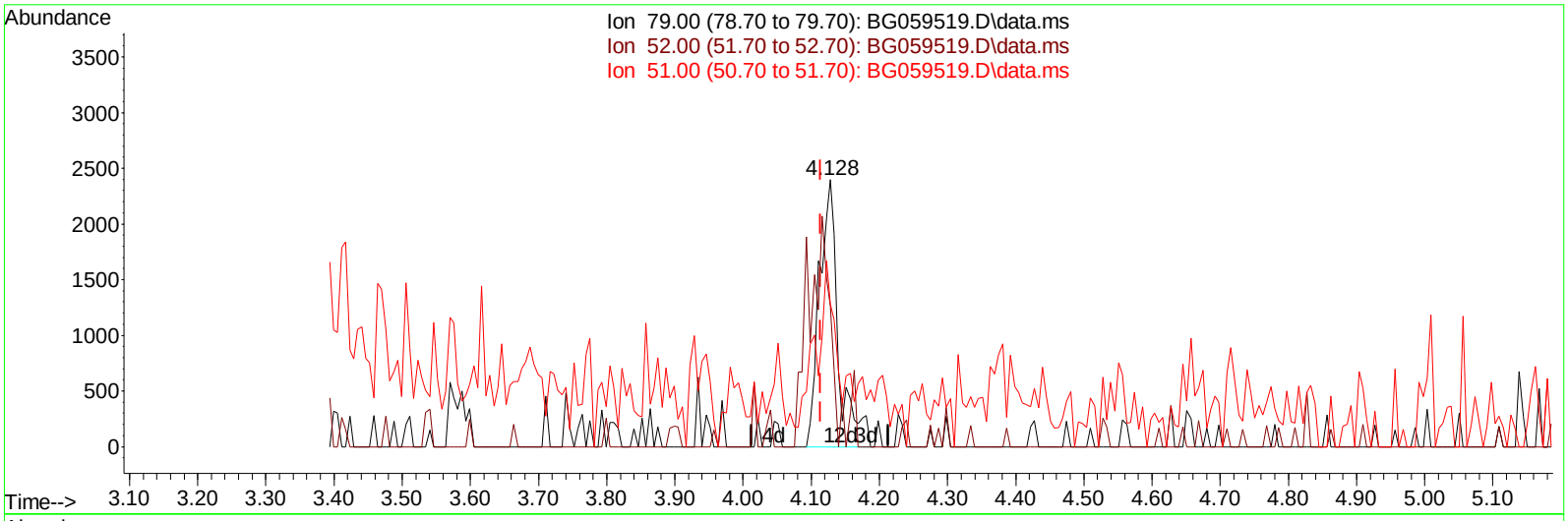

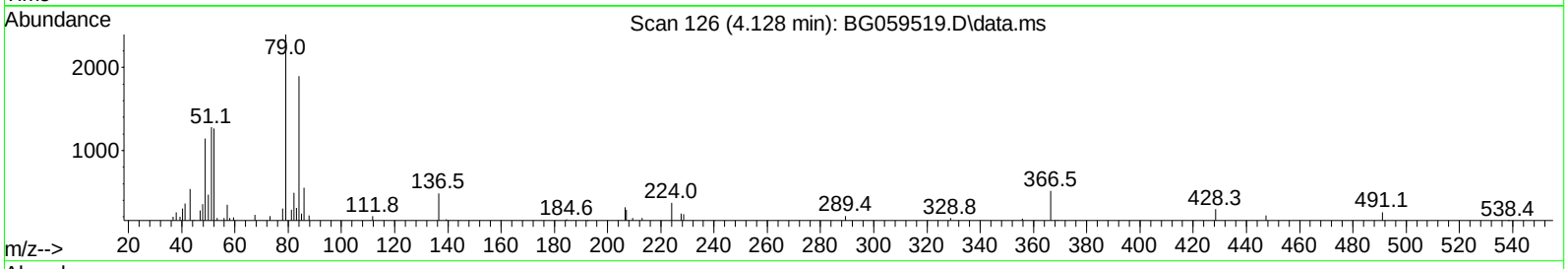

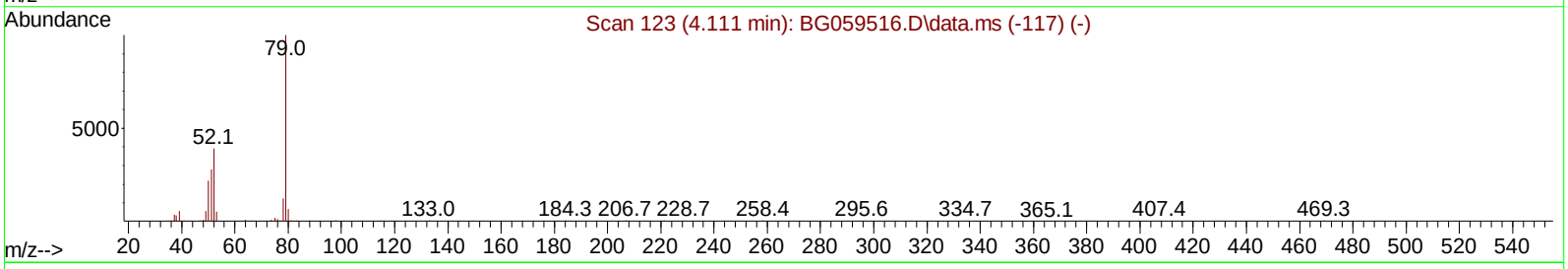

TIC: BG059519.D\data.ms

(5) Pyridine

4.128min (+ 0.015) 0.93 ng/ul m

response 4693

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	66.60	52.69#
51.00	28.00	53.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059519.D
Acq On : 28 Oct 2023 13:07
Operator : MA/JU
Sample : 04925-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 30 02:13:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
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BNA_G
ClientSampleId :
GCCW9MS

Manual IntegrationsAPPROVED

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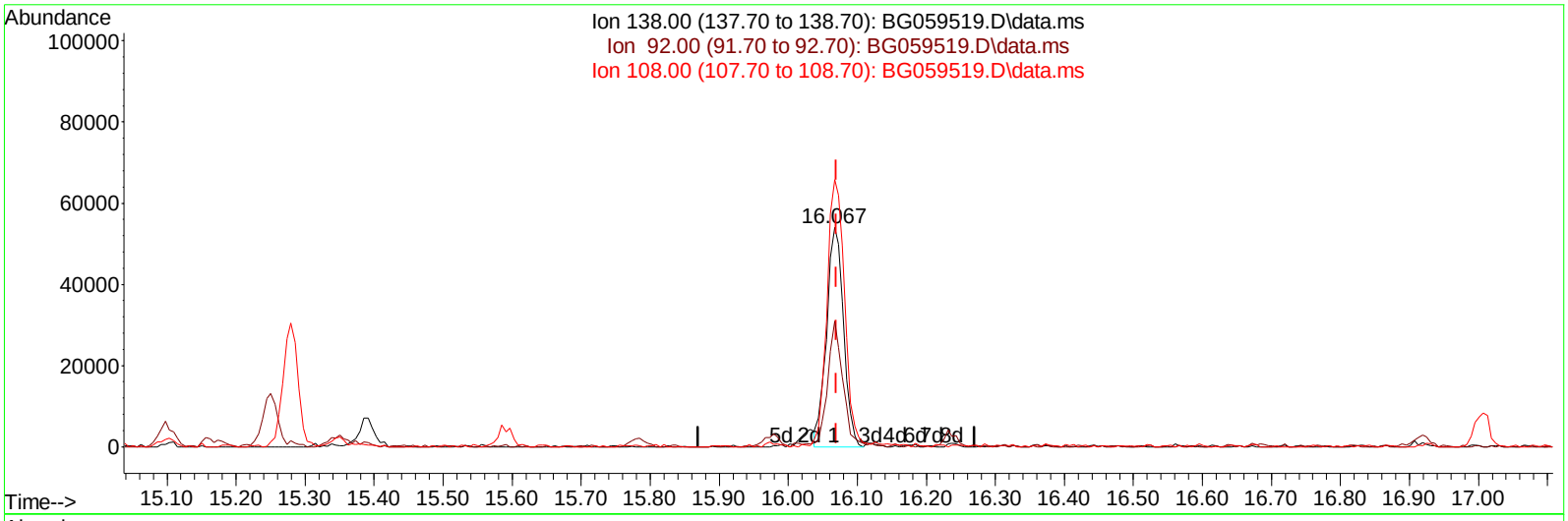

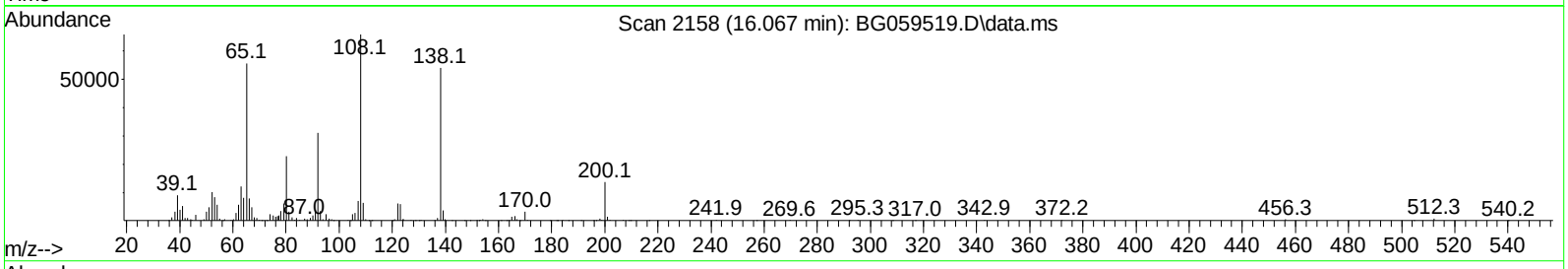

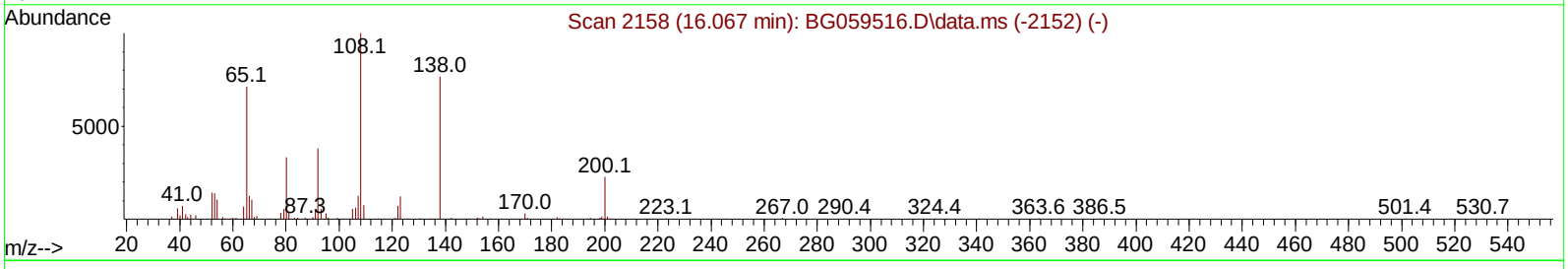

TIC: BG059519.D\data.ms

(63) 4-Nitroaniline

16.067min (-0.003) 26.46 ng/ul

response 92917

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.30	57.40
108.00	126.10	121.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059519.D
Acq On : 28 Oct 2023 13:07
Operator : MA/JU
Sample : 04925-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 30 02:13:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
GCCW9MS

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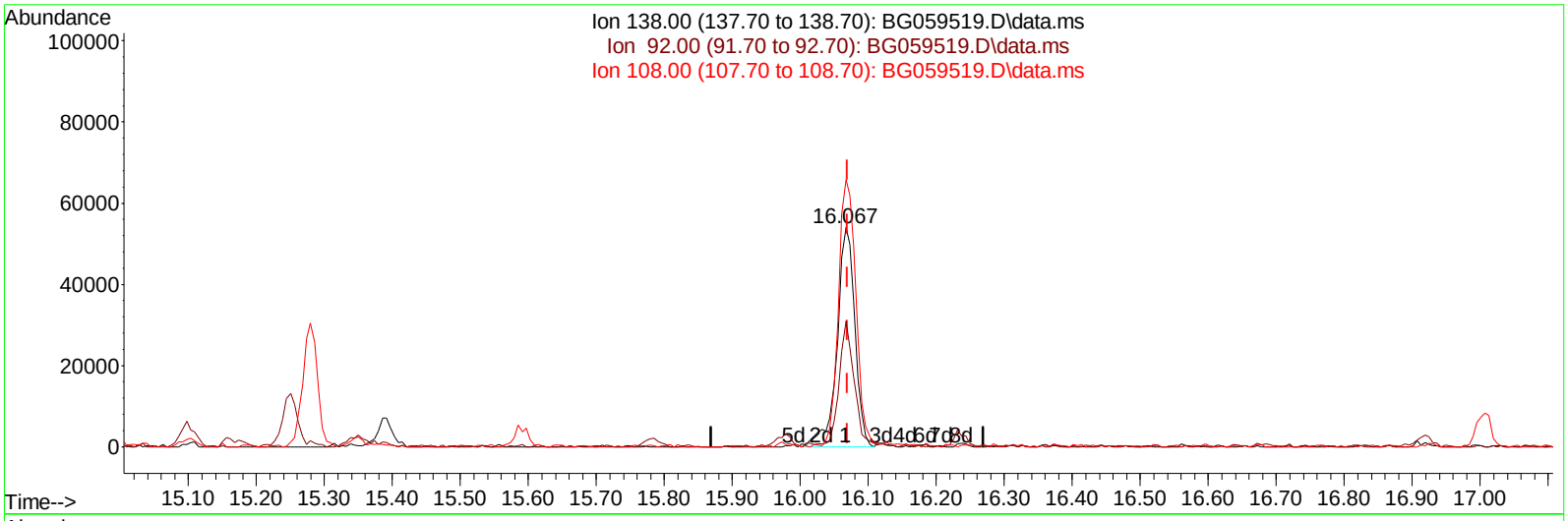

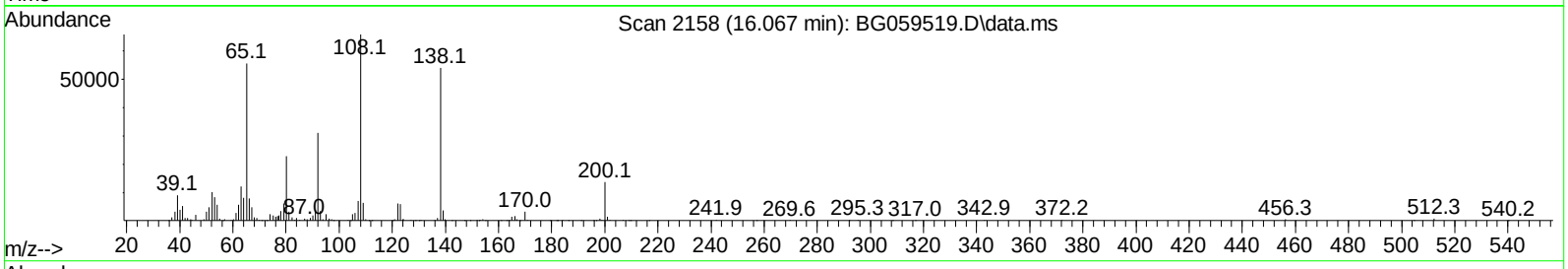

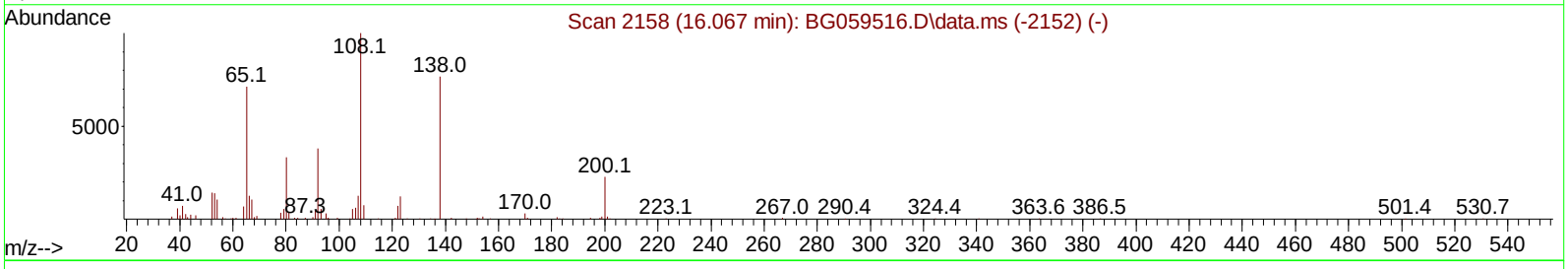

TIC: BG059519.D\data.ms

(63) 4-Nitroaniline

16.067min (-0.003) 28.05 ng/ul m

response 98477

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.30	57.40
108.00	126.10	121.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059519.D
Acq On : 28 Oct 2023 13:07
Operator : MA/JU
Sample : 04925-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 30 02:13:04 2023
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Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/31/2023
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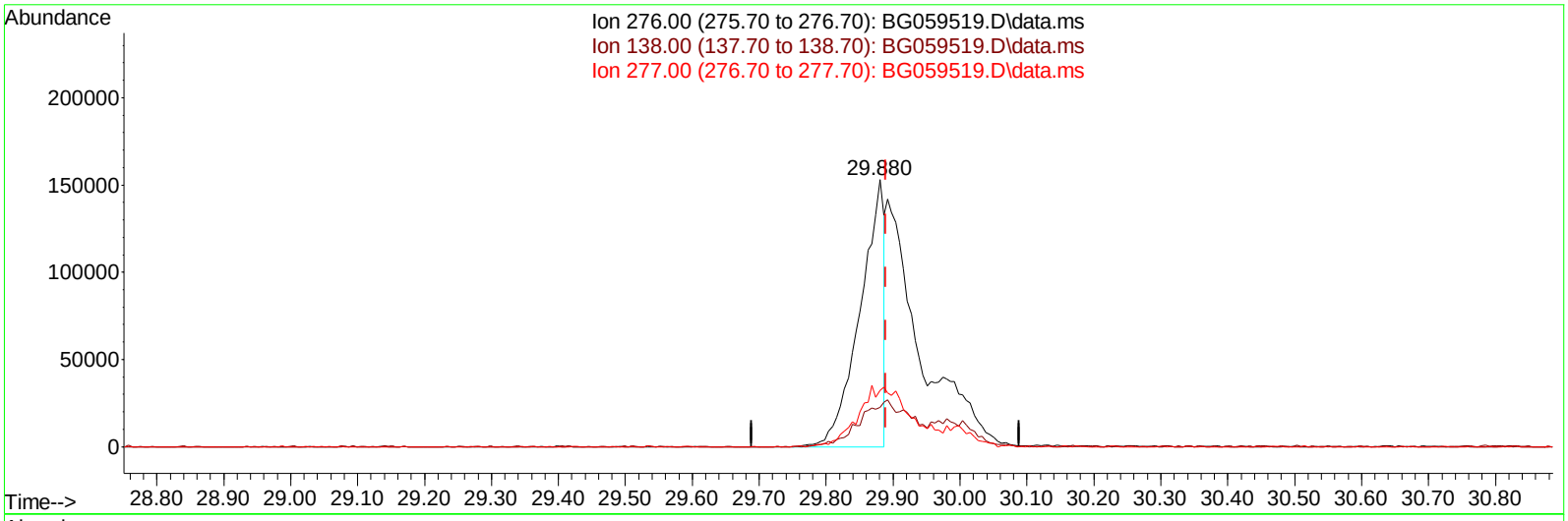

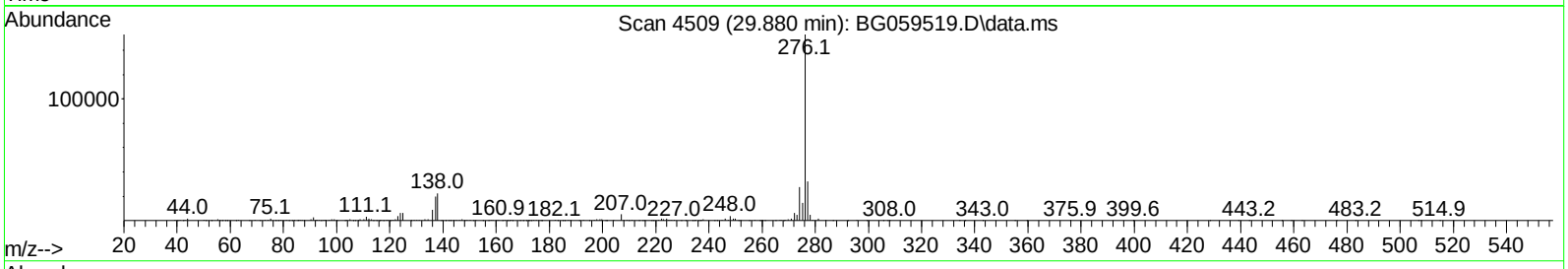

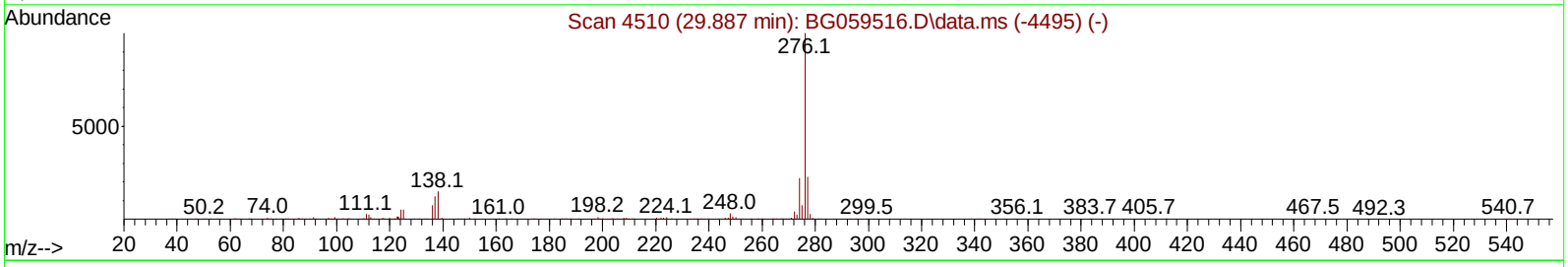

TIC: BG059519.D\data.ms

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

29.880min (-0.009) 11.60 ng/ul

response 382448

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	14.81#
277.00	20.50	21.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059519.D
Acq On : 28 Oct 2023 13:07
Operator : MA/JU
Sample : 04925-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 30 02:13:04 2023
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Instrument :
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ClientSampleId :
GCCW9MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/31/2023
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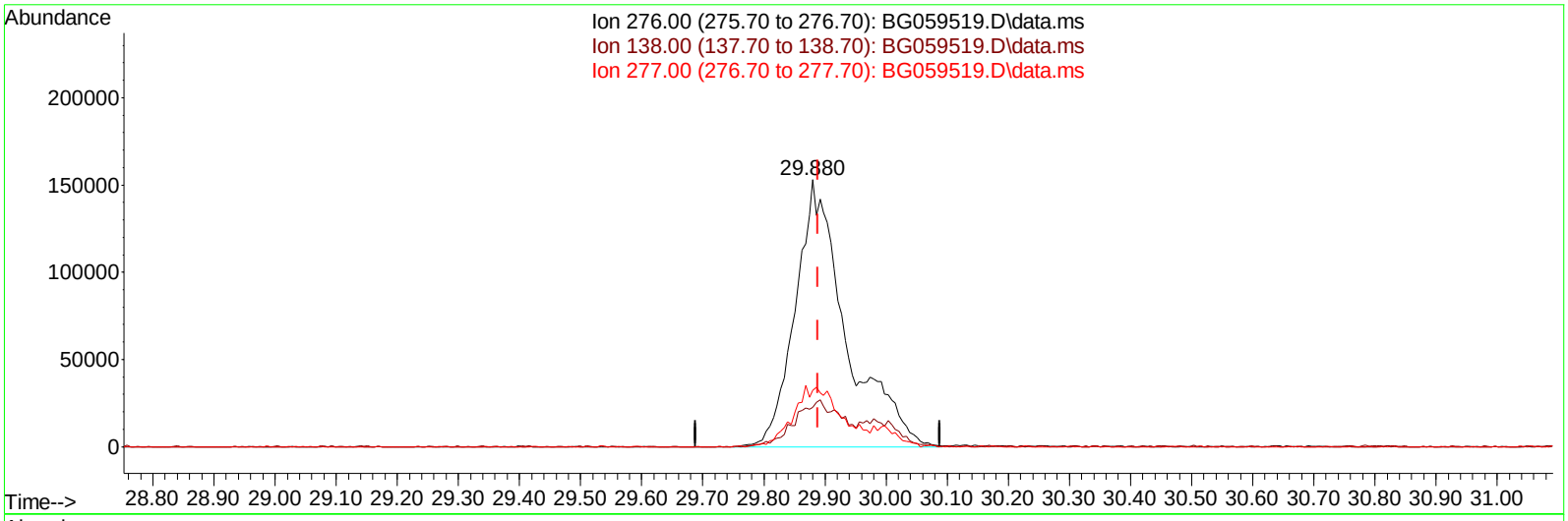

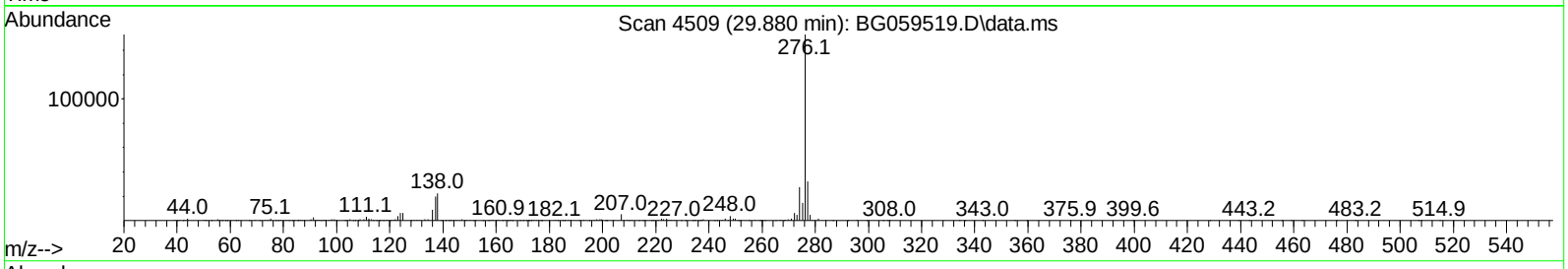

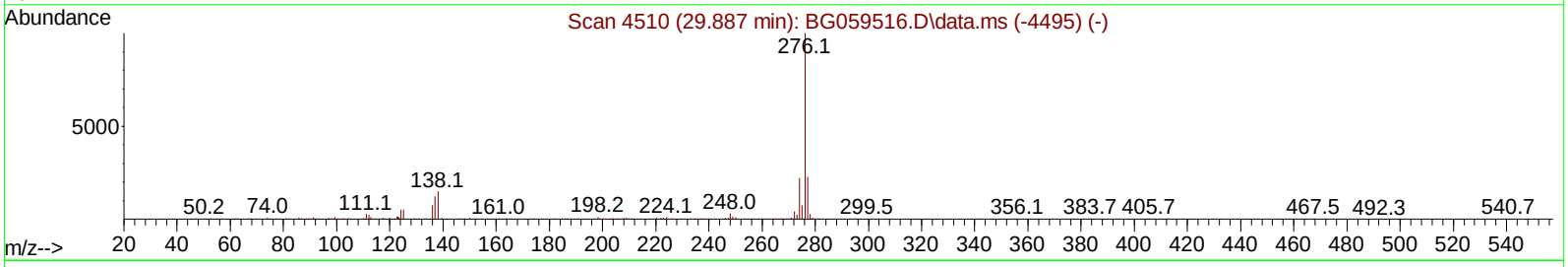

TIC: BG059519.D\data.ms

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

29.880min (-0.009) 26.81 ng/ul m

response 883847

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	14.81#
277.00	20.50	21.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
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Acq On : 28 Oct 2023 13:07
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Sample : 04925-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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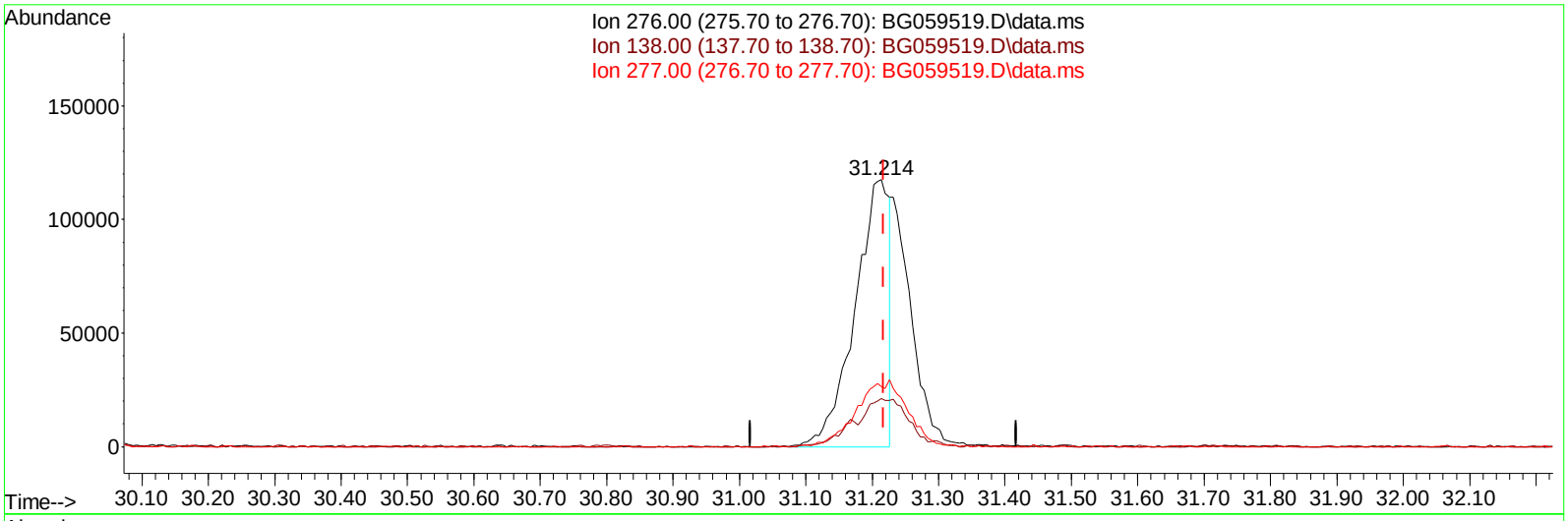

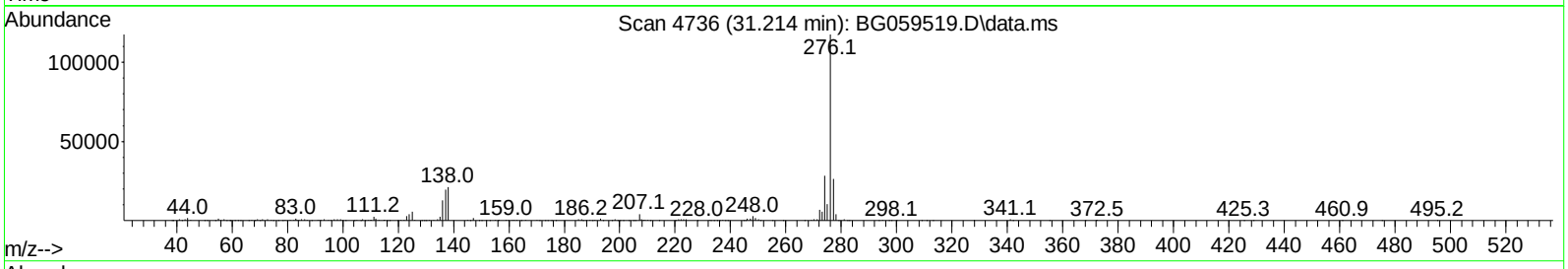

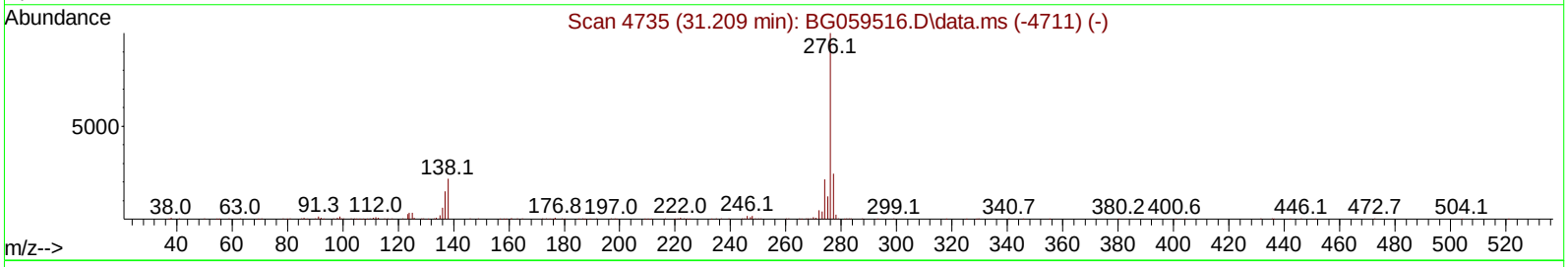

TIC: BG059519.D\data.ms

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

31.214min (-0.003) 15.49 ng/ul

response 417951

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.20	17.98
277.00	22.80	22.58
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059519.D
Acq On : 28 Oct 2023 13:07
Operator : MA/JU
Sample : 04925-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 30 02:13:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

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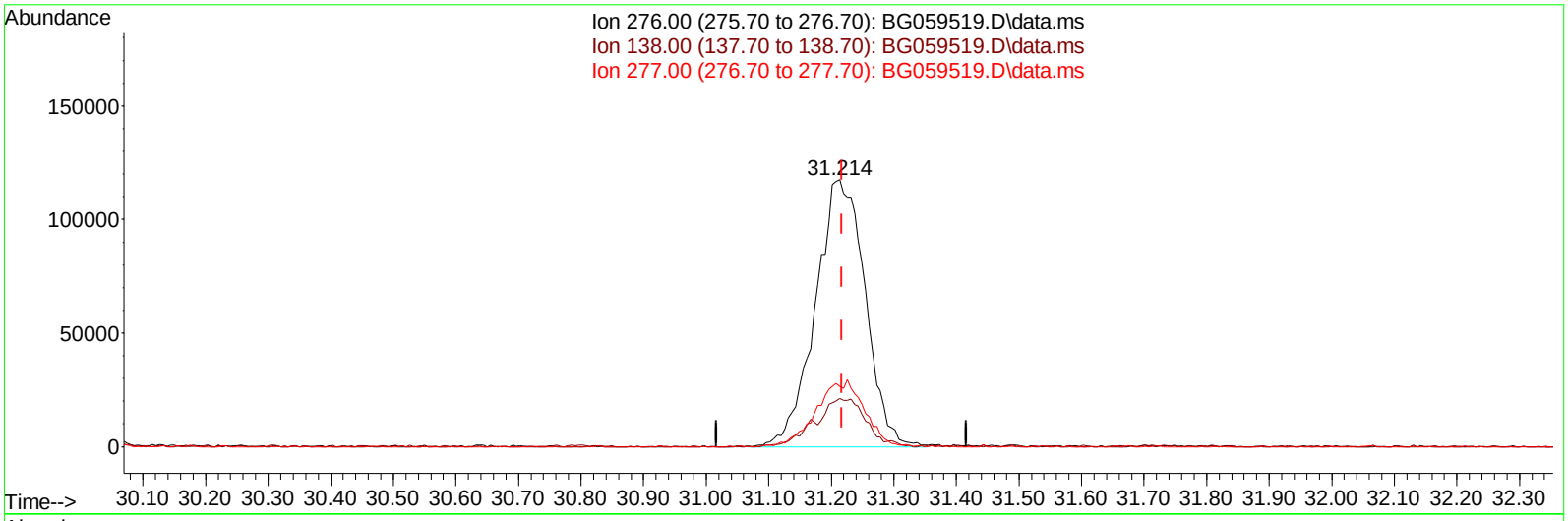

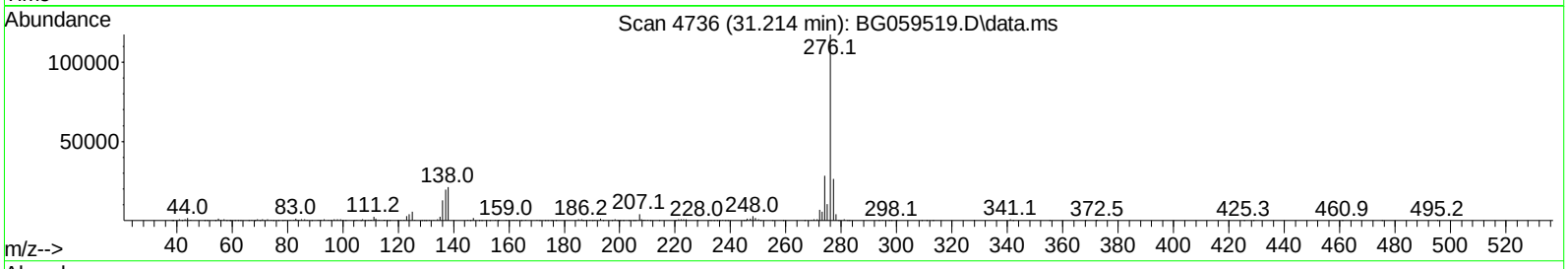

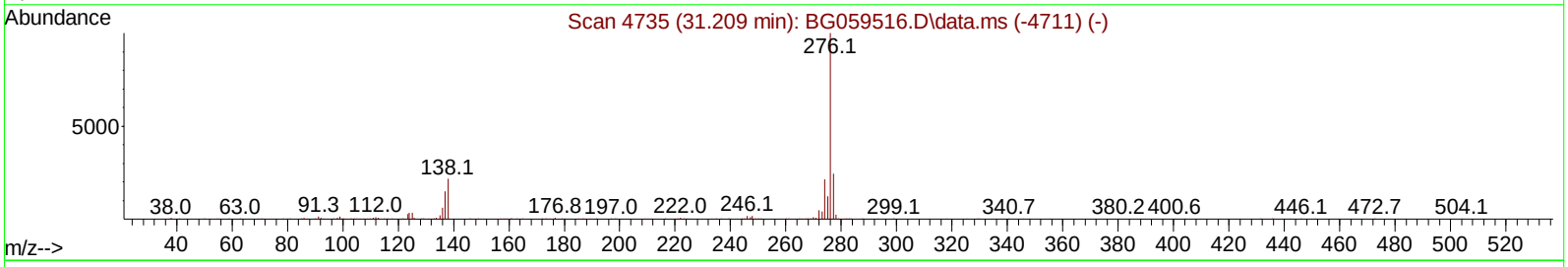

TIC: BG059519.D\data.ms

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

31.214min (-0.003) 24.06 ng/ul m

response 649111

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.20	17.98
277.00	22.80	22.58
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	68250	20.000	ng/ul	0.00
20) Naphthalene-d8	11.214	136	315148	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.992	164	196592	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.741	188	435275	20.000	ng/ul	0.00
79) Chrysene-d12	22.083	240	349943	20.000	ng/ul	0.00
88) Perylene-d12	25.697	264	379643	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	6610	3.624	ng/uL	0.00
4) Pyridine-d5	4.099	84	9095	1.784	ng/ul	0.00
7) Phenol-d5	7.465	99	145729	20.779	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.683	67	65272	20.262	ng/ul	0.00
11) 2-Chlorophenol-d4	7.876	132	112825	19.829	ng/ul	0.00
15) 4-Methylphenol-d8	9.046	113	108751	19.545	ng/ul	0.00
21) Nitrobenzene-d5	9.563	128	48677	21.723	ng/ul	0.00
24) 2-Nitrophenol-d4	10.280	143	50034	21.750	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.802	165	113503	22.395	ng/ul	0.00
31) 4-Chloroaniline-d4	11.349	131	120956	14.497	ng/ul	0.00
46) Dimethylphthalate-d6	14.387	166	362851	20.373	ng/ul	0.00
49) Acenaphthylene-d8	14.692	160	428771	20.513	ng/ul	0.00
54) 4-Nitrophenol-d4	15.156	143	67363	22.055	ng/ul	0.00
60) Fluorene-d10	15.979	176	320233	21.038	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	47740	23.160	ng/ul	0.00
73) Anthracene-d10	17.841	188	493558	20.930	ng/ul	0.00
81) Pyrene-d10	20.109	212	543414	22.341	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.438	264	476707	21.324	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.699	88	15970	7.822	ng/uL#	88
5) Pyridine	4.128	79	4693m	0.933	ng/ul	
6) Benzaldehyde	7.500	77	82700	26.179	ng/ul	90
8) Phenol	7.495	94	180752	27.338	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.777	93	118642	24.469	ng/ul	97
12) 2-Chlorophenol	7.912	128	128424	22.767	ng/ul	98
13) 2-Methylphenol	8.775	108	129315	23.461	ng/ul	86
14) 2,2'-oxybis(1-Chloropr...	8.881	45	106024	23.236	ng/ul#	92
16) Acetophenone	9.210	105	281785	32.127	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.169	70	98576	23.852	ng/ul#	95
18) 4-Methylphenol	9.110	108	149974	25.573	ng/ul	98
19) Hexachloroethane	9.451	117	52703	23.524	ng/ul#	86
22) Nitrobenzene	9.604	77	128057	26.476	ng/ul	95
23) Isophorone	10.115	82	293579	24.103	ng/ul	95
25) 2-Nitrophenol	10.315	139	68505	27.690	ng/ul#	85
26) 2,4-Dimethylphenol	10.332	107	85928	13.205	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.603	93	164620	24.273	ng/ul	98
29) 2,4-Dichlorophenol	10.832	162	127077	25.916	ng/ul	90
30) Naphthalene	11.267	128	479110	24.391	ng/ul	98
32) 4-Chloroaniline	11.378	127	141623	17.870	ng/ul	91
33) Hexachlorobutadiene	11.502	225	69203	23.526	ng/ul	94
34) Caprolactam	12.148	113	49247	27.454	ng/ul	91
35) 4-Chloro-3-methylphenol	12.436	107	161672	27.634	ng/ul	91

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
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Acq On : 28 Oct 2023 13:07
Operator : MA/JU
Sample : 04925-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 30 02:30:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
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Instrument :
BNA_G
ClientSampleId :
GCCW9MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.841	142	330271	24.440 ng/ul	96
37) 1-Methylnaphthalene	13.059	142	328314	24.392 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.182	216	135612	23.916 ng/ul	98
40) Hexachlorocyclopentadiene	13.135	237	74895	22.658 ng/ul	99
41) 2,4,6-Trichlorophenol	13.423	196	100521	25.602 ng/ul	93
42) 2,4,5-Trichlorophenol	13.488	196	105276	24.766 ng/ul	97
43) 1,1'-Biphenyl	13.828	154	424390	23.863 ng/ul	97
44) 2-Chloronaphthalene	13.881	162	334121	24.172 ng/ul	98
45) 2-Nitroaniline	14.093	65	75596	29.393 ng/ul	92
47) Dimethylphthalate	14.439	163	421052	23.928 ng/ul#	95
48) 2,6-Dinitrotoluene	14.575	165	70999	26.747 ng/ul#	82
50) Acenaphthylene	14.721	152	573277	23.804 ng/ul	98
51) 3-Nitroaniline	14.909	138	82509	24.937 ng/ul#	72
52) Acenaphthene	15.056	153	377856	24.070 ng/ul	97
53) 2,4-Dinitrophenol	15.097	184	40036	26.545 ng/ul	92
55) 4-Nitrophenol	15.168	109	93627	27.816 ng/ul	92
56) Dibenzofuran	15.385	168	502840	24.707 ng/ul	97
57) 2,4-Dinitrotoluene	15.344	165	107705	28.846 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.591	232	88860	26.635 ng/ul#	90
59) Diethylphthalate	15.785	149	479920	25.002 ng/ul	98
61) Fluorene	16.038	166	426598	24.280 ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.020	204	190749	25.404 ng/ul	91
63) 4-Nitroaniline	16.067	138	98477m	28.045 ng/ul	
66) 4,6-Dinitro-2-methylph...	16.096	198	59102	27.205 ng/ul#	84
67) N-Nitrosodiphenylamine	16.237	169	369566	24.848 ng/ul	96
68) 4-Bromophenyl-phenylether	16.919	248	109906	25.233 ng/ul	95
69) Hexachlorobenzene	17.007	284	128541	25.535 ng/ul	95
70) Atrazine	17.171	200	121155	26.288 ng/ul#	92
71) Pentachlorophenol	17.359	266	81455	28.324 ng/ul	95
72) Phenanthrene	17.788	178	709079	25.058 ng/ul	96
74) Anthracene	17.877	178	699890	24.496 ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.787	216	138127	23.829 ng/uL	95
76) Pentachlorobenzene	15.280	250	124505	22.635 ng/uL	96
77) Carbazole	18.147	167	690690	28.140 ng/ul	97
78) Di-n-butylphthalate	18.670	149	885450	26.256 ng/ul	100
80) Fluoranthene	19.780	202	781384	26.353 ng/ul	98
82) Pyrene	20.139	202	804645	26.126 ng/ul	99
83) Butylbenzylphthalate	21.014	149	388476	27.930 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.966	252	117032	12.860 ng/ul#	98
85) Benzo(a)anthracene	22.060	228	737684	25.616 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.913	149	563299	27.141 ng/ul	98
87) Chrysene	22.136	228	692071	25.834 ng/ul	97
89) Di-n-octyl phthalate	23.270	149	946664	28.481 ng/ul	100
90) Benzo(b)fluoranthene	24.528	252	712870	25.904 ng/ul	98
91) Benzo(k)fluoranthene	24.604	252	708744	25.784 ng/ul	94
93) Benzo(a)pyrene	25.520	252	656194	25.229 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.880	276	883847m	26.810 ng/ul	
95) Dibenzo(a,h)anthracene	29.980	278	705651	25.916 ng/ul	95
96) Benzo(g,h,i)perylene	31.214	276	649111m	24.057 ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
GCCW9MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059519.D
Acq On : 28 Oct 2023 13:07
Operator : MA/JU
Sample : 04925-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 30 02:30:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
GCCW9MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023