Quantitation Report (Qedit)

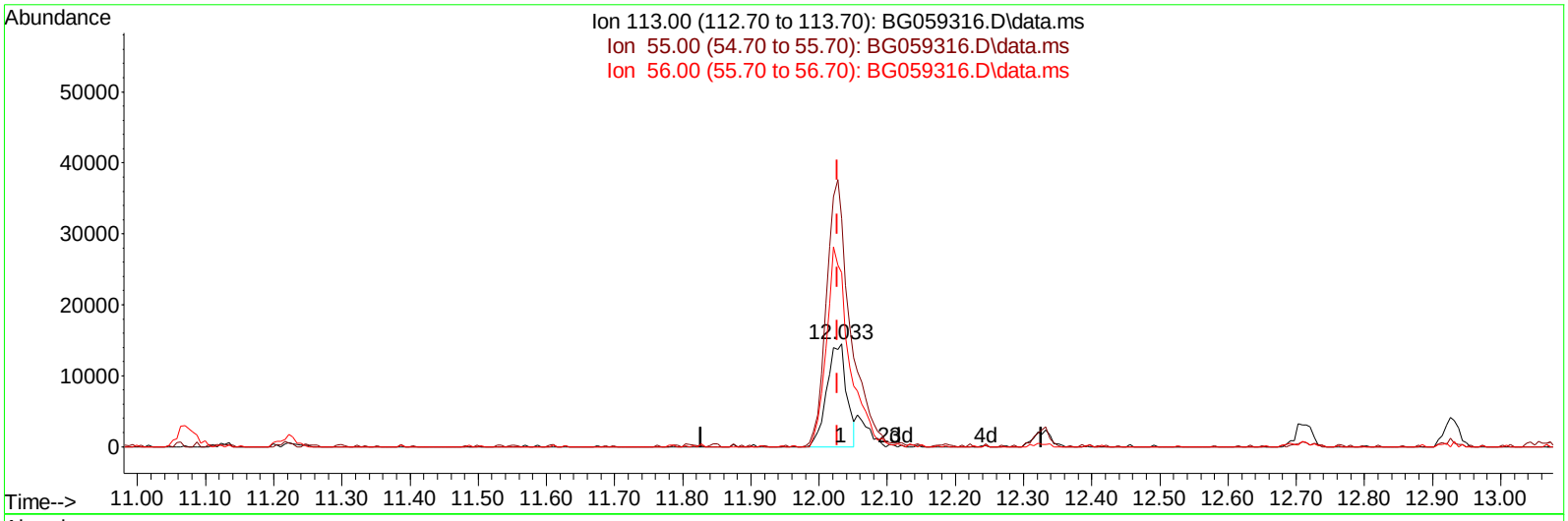
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059316.D
Acq On : 6 Oct 2023 5:03
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

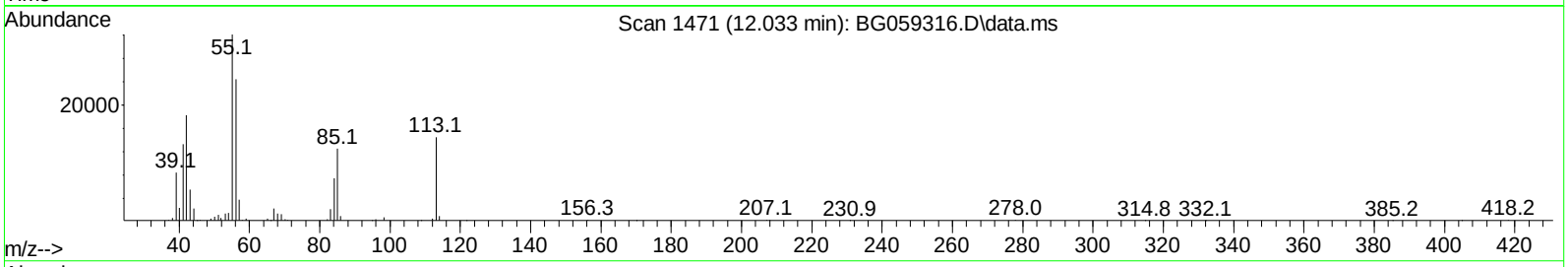
Quant Time: Oct 06 06:16:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

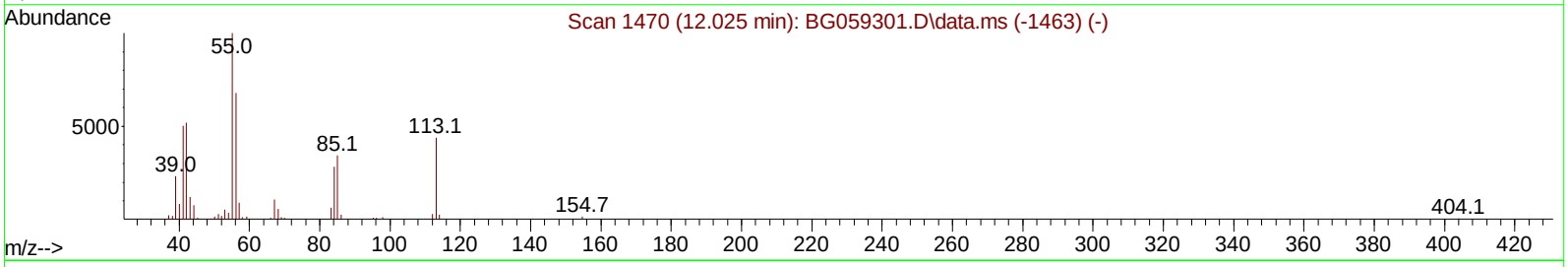
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059316.D\data.ms

(34) Caprolactam

12.033min (+ 0.006) 17.20 ng/ul

response 29458

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	264.10	222.03
56.00	209.90	169.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059316.D
Acq On : 6 Oct 2023 5:03
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 06 06:16:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
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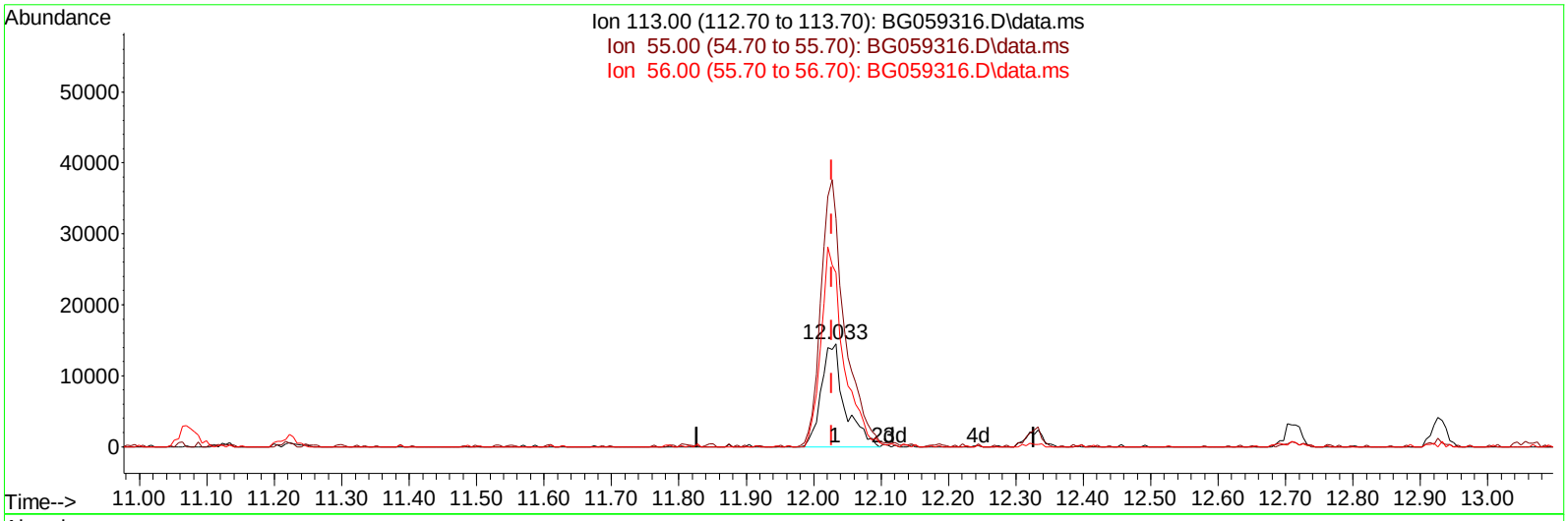

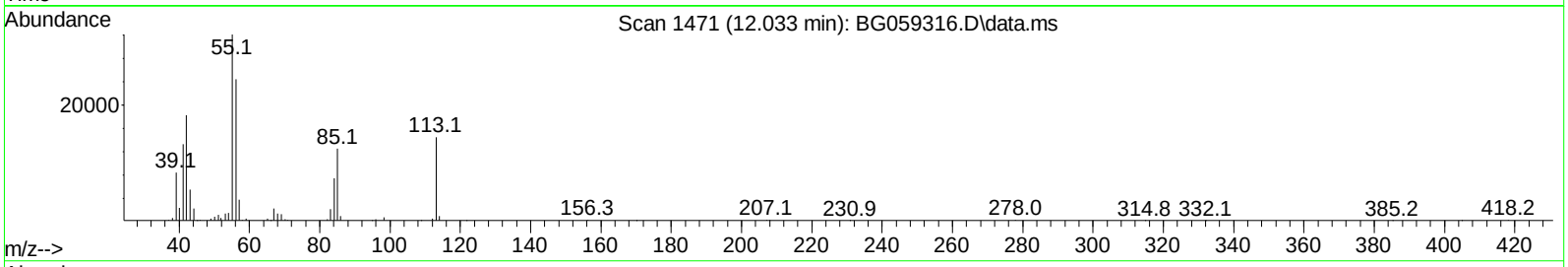

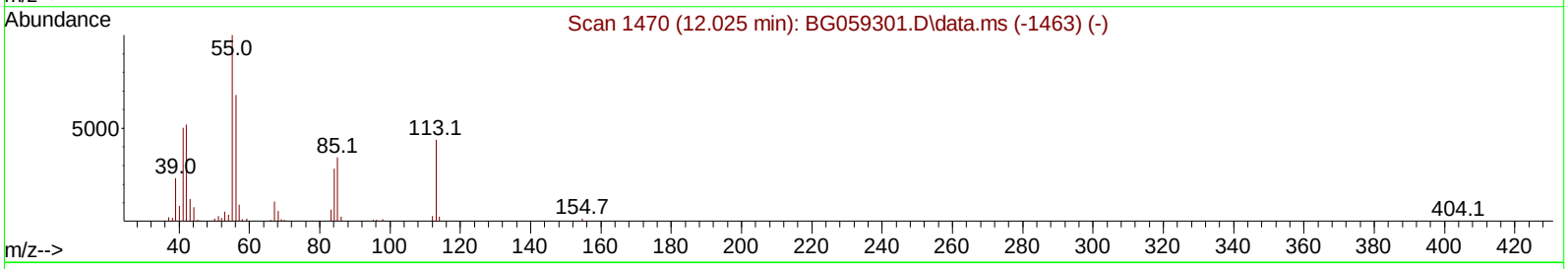

TIC: BG059316.D\data.ms

(34) Caprolactam

12.033min (+ 0.006) 20.53 ng/ul m

response 35160

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	264.10	222.03
56.00	209.90	169.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059316.D
Acq On : 6 Oct 2023 5:03
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 06 06:16:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
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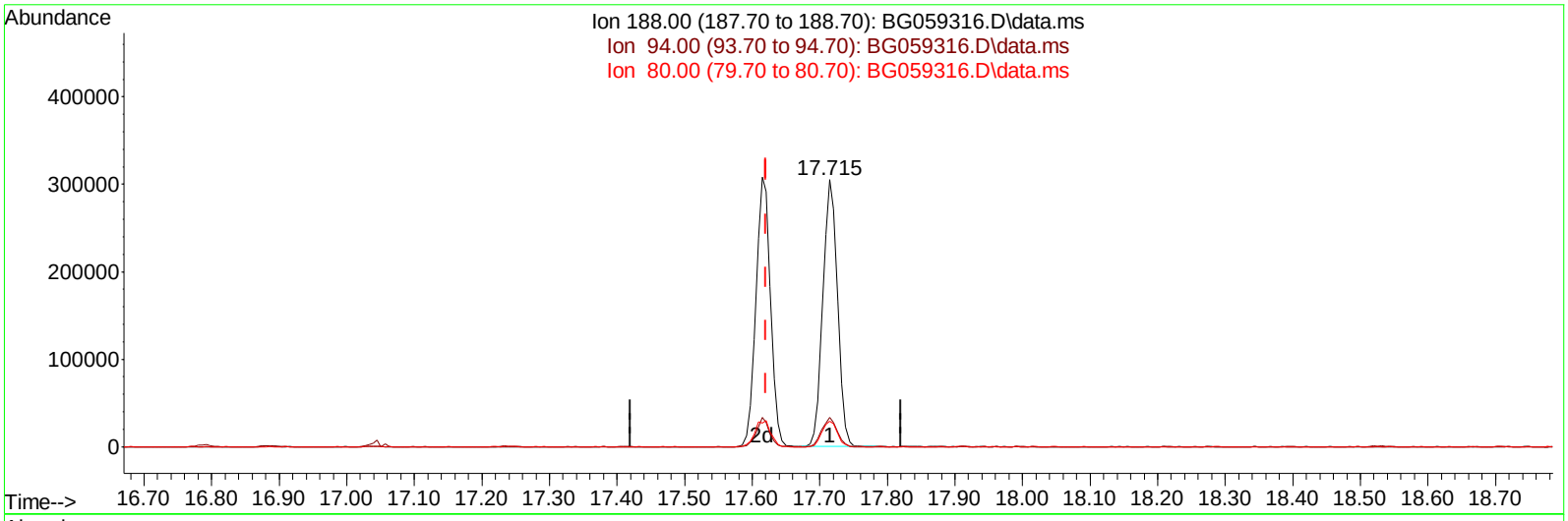
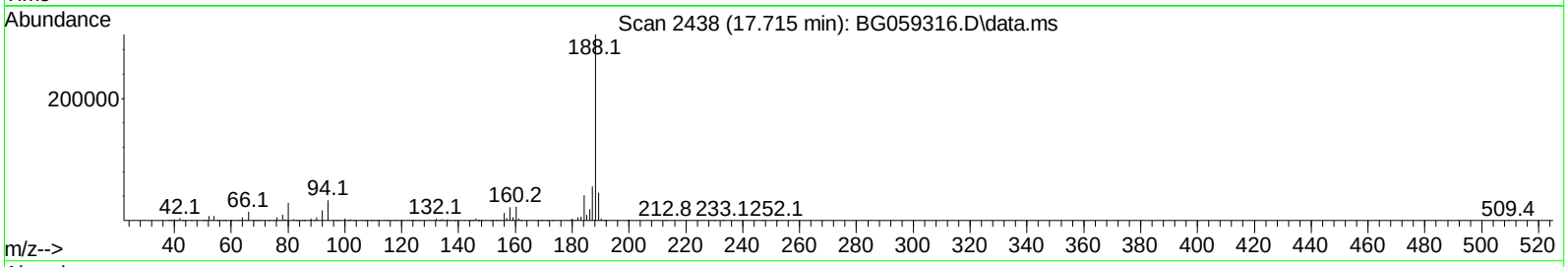
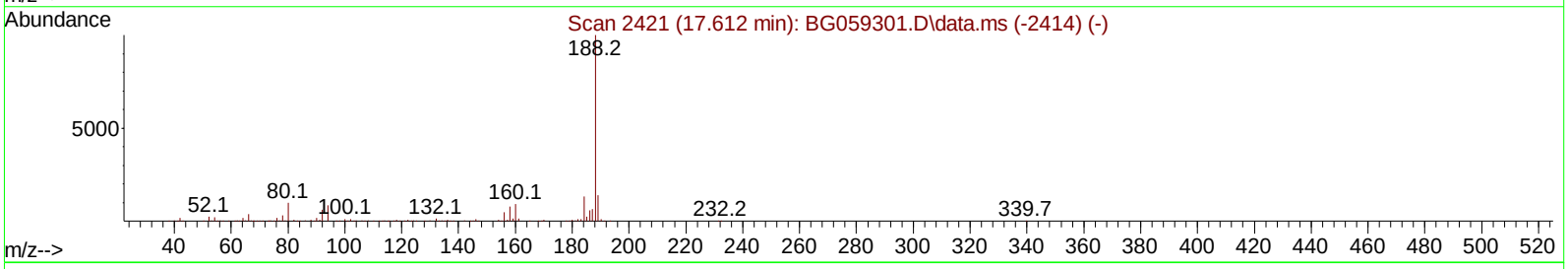






TIC: BG059316.D\data.ms

(64) Phenanthrene-d10 (I)

17.715min (+ 0.094) 20.00 ng/ul

response 458447

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.20	11.04
80.00	11.80	9.66
0.00	0.00	0.00

Quantitation Report (Qedit)

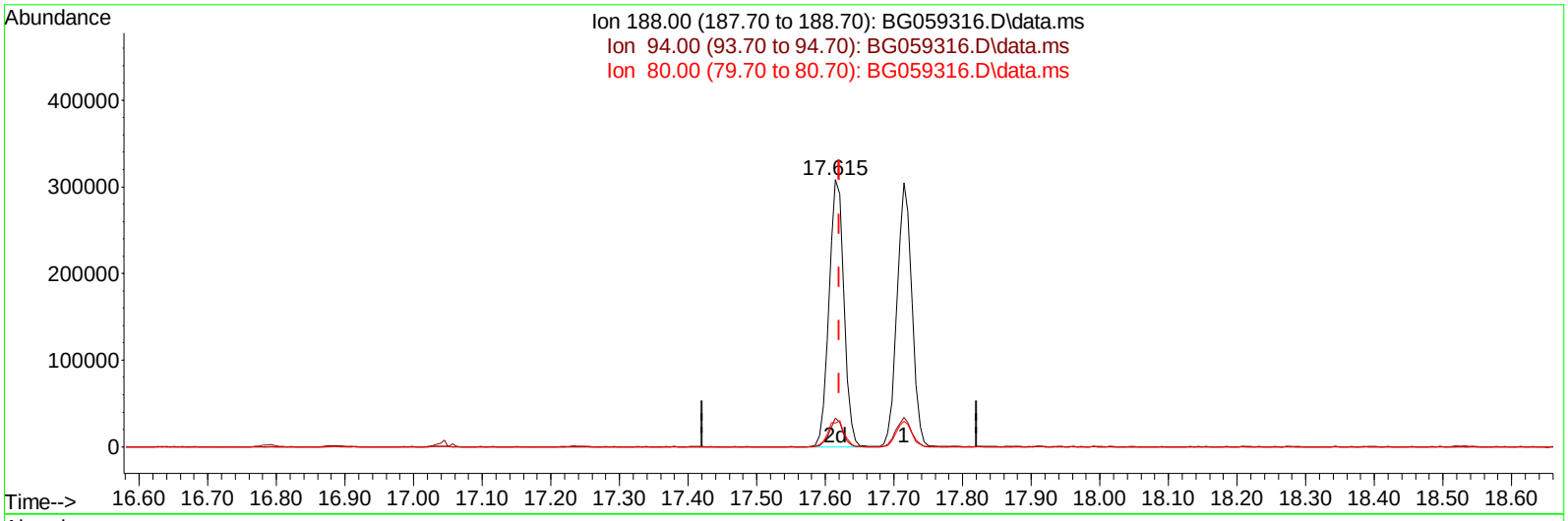
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059316.D
Acq On : 6 Oct 2023 5:03
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

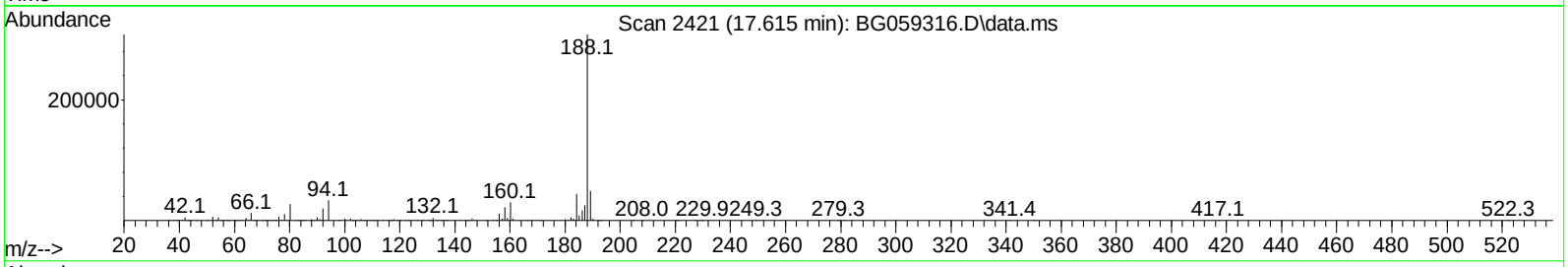
Quant Time: Oct 06 06:16:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

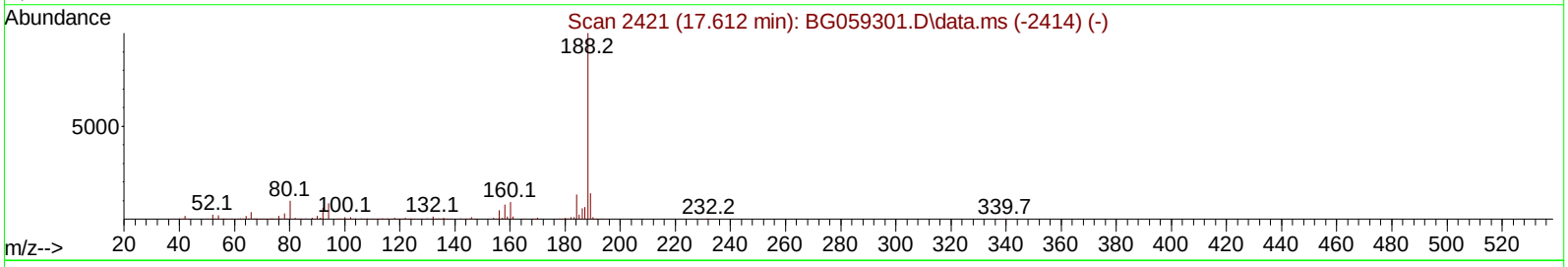
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059316.D\data.ms

(64) Phenanthrene-d10 (I)

17.615min (-0.005) 20.00 ng/ul m

response 465246

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.20	10.85
80.00	11.80	8.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

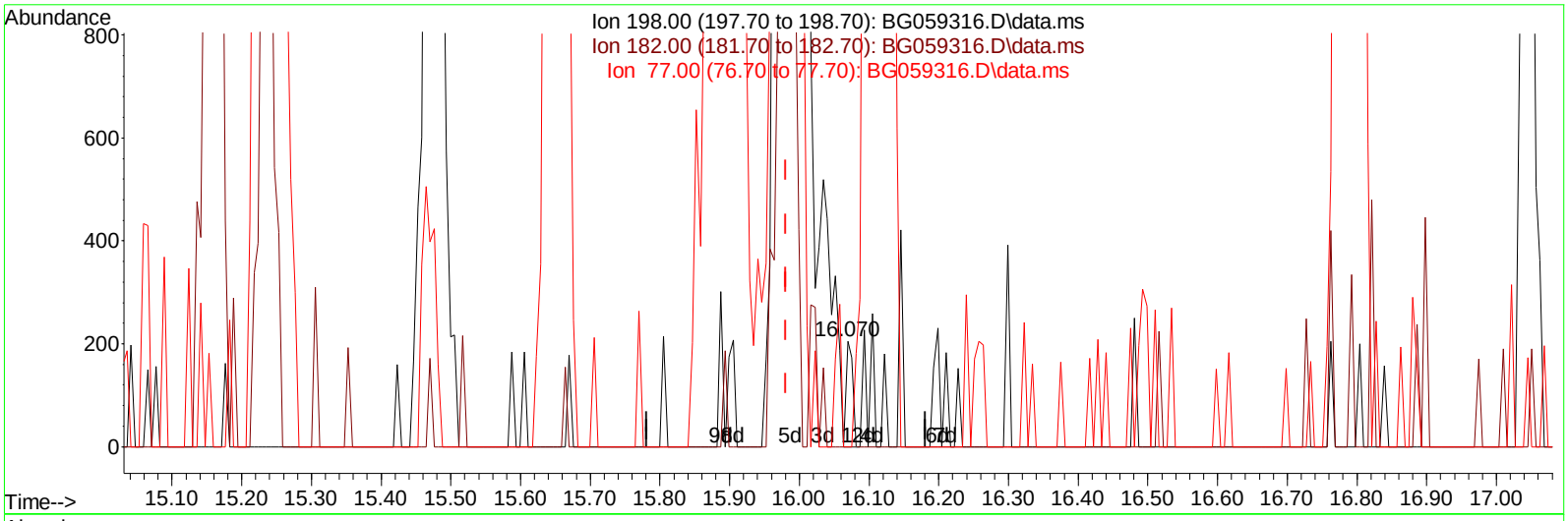
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059316.D
Acq On : 6 Oct 2023 5:03
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

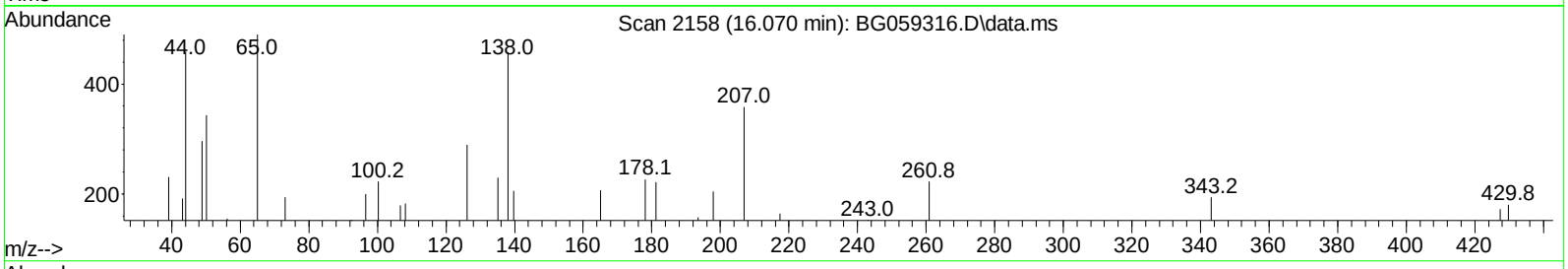
Quant Time: Oct 06 06:17:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

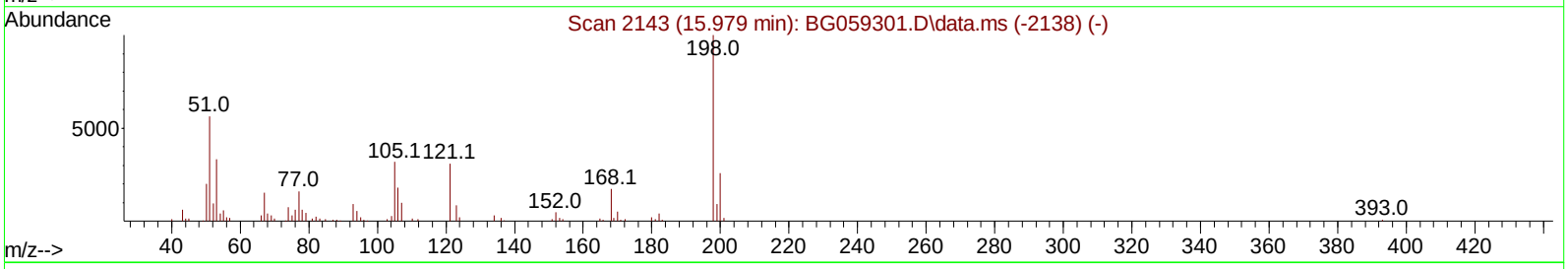
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059316.D\data.ms

(66) 4,6-Dinitro-2-methylphenol

16.070min (+ 0.089) 0.05 ng/ul

response 133

Ion	Exp%	Act%
198.00	100.00	100.00
182.00	5.50	0.00#
77.00	29.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059316.D
Acq On : 6 Oct 2023 5:03
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 06 06:17:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
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Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
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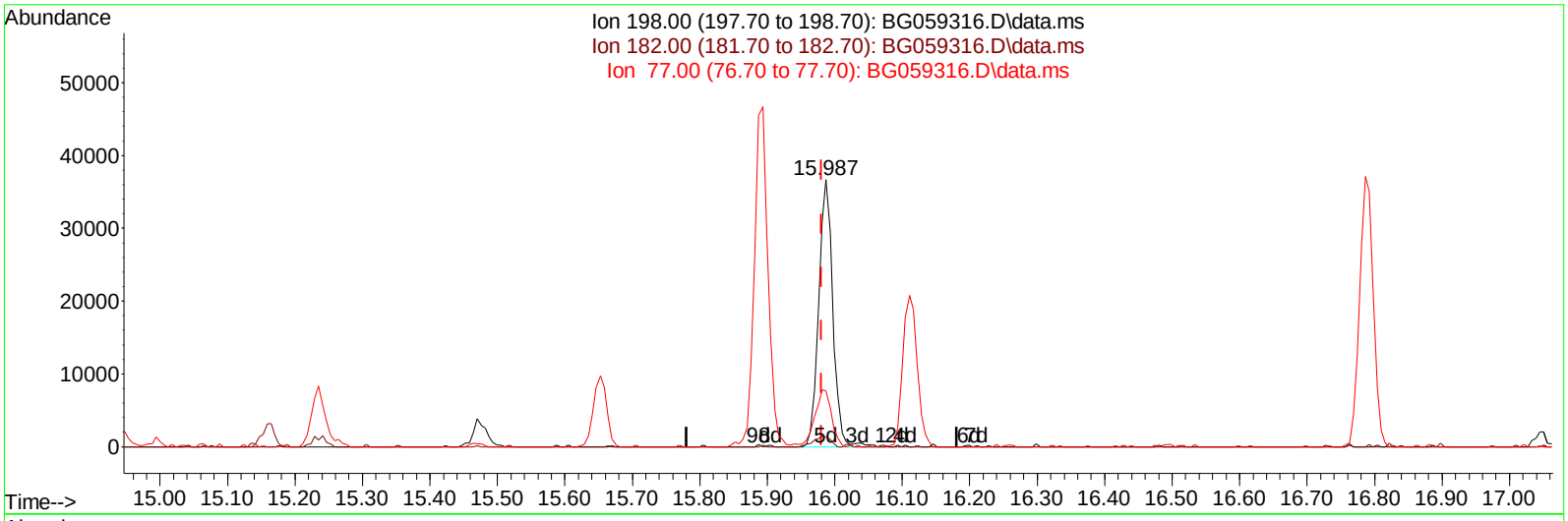

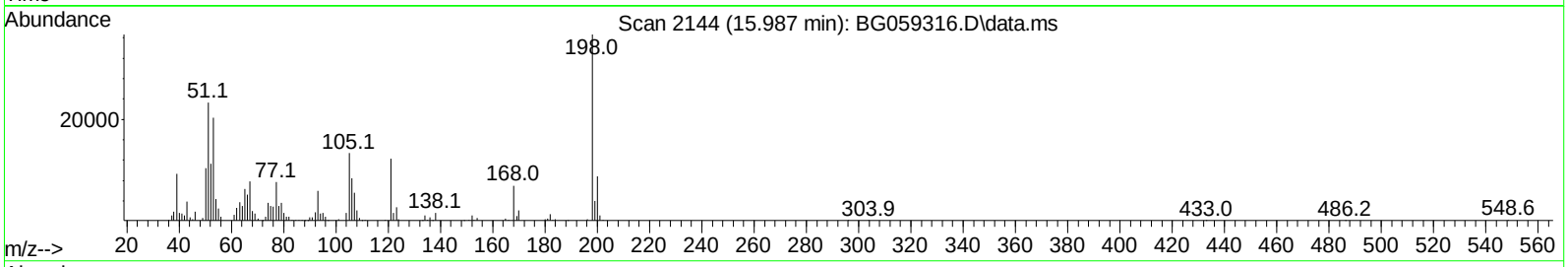

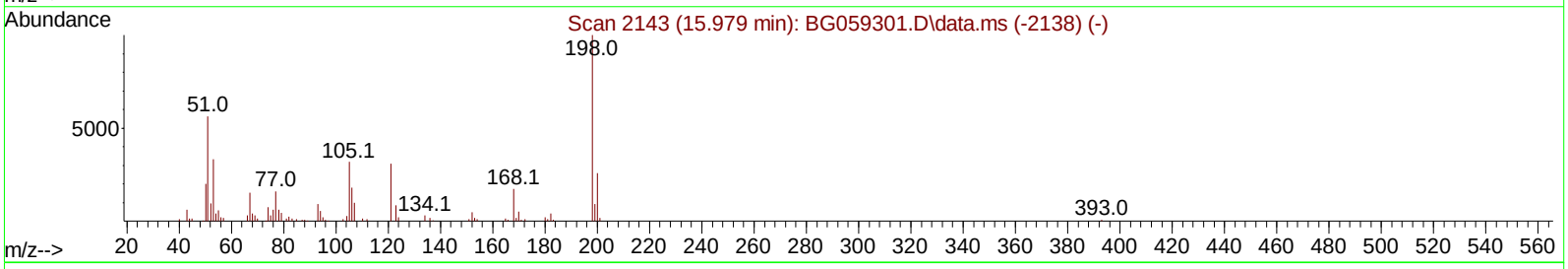

TIC: BG059316.D\data.ms

(66) 4,6-Dinitro-2-methylphenol

15.987min (+ 0.006) 21.21 ng/ul m

response 53470

Ion	Exp%	Act%
198.00	100.00	100.00
182.00	5.50	3.75#
77.00	29.00	20.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059316.D
Acq On : 6 Oct 2023 5:03
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 06 06:17:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
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Instrument :
BNA_G
LabSampleId :
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Manual IntegrationsAPPROVED

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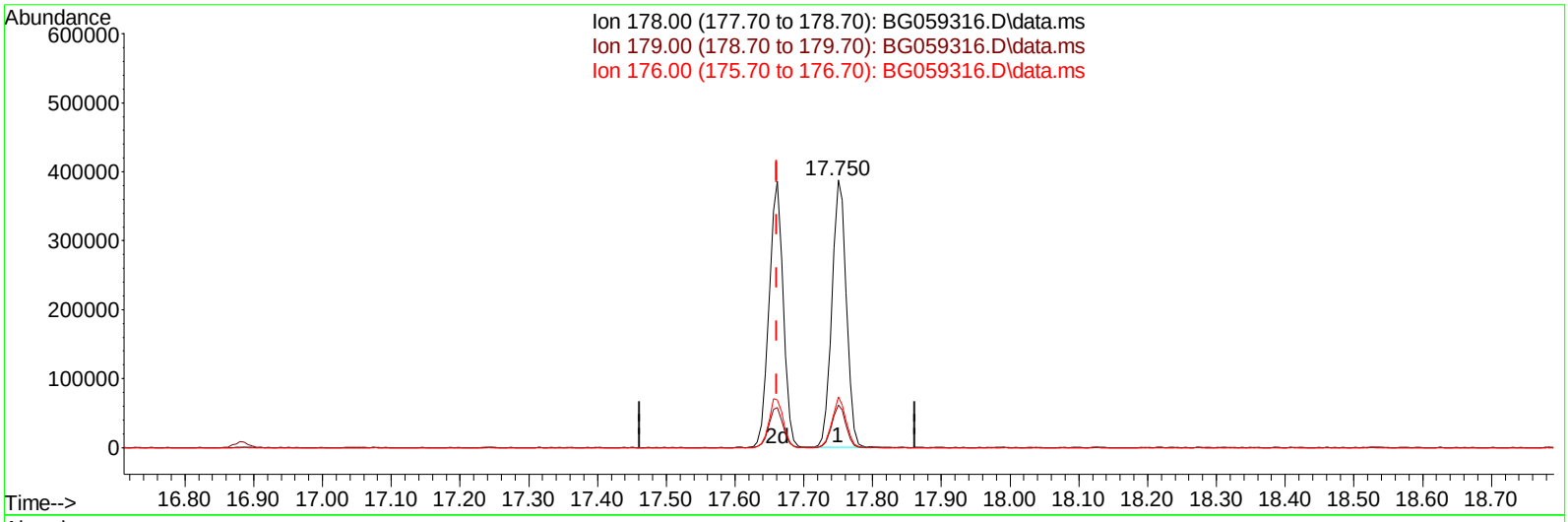

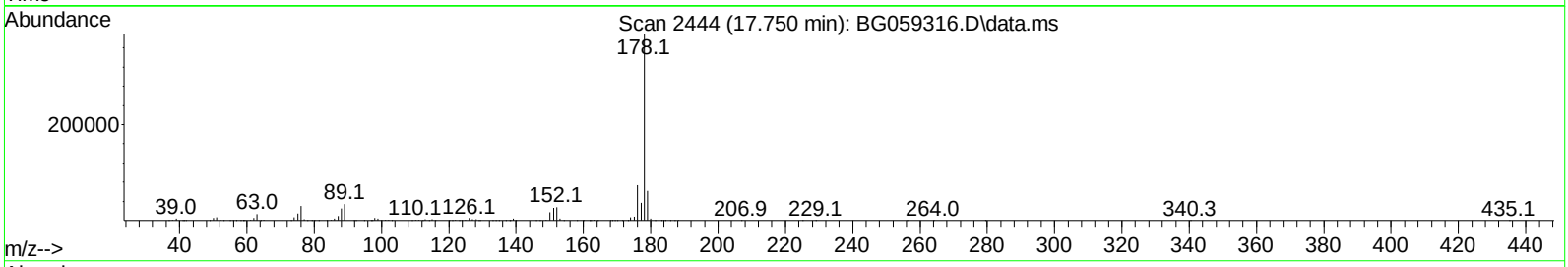

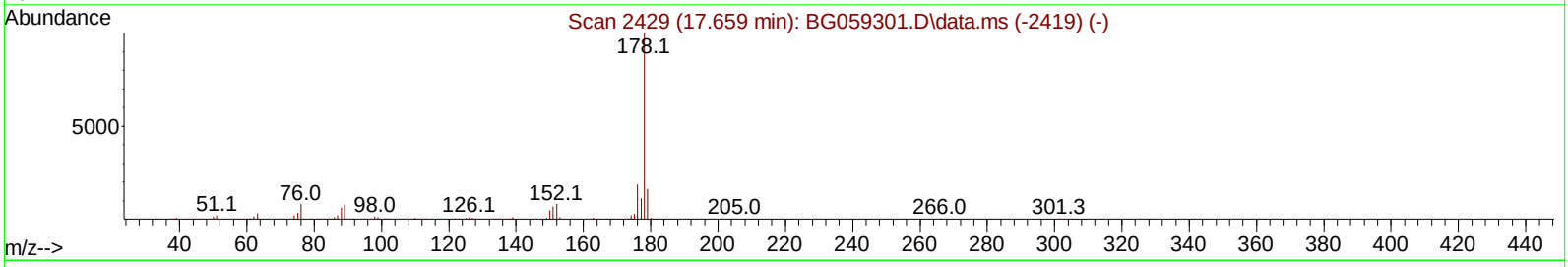

TIC: BG059316.D\data.ms

(72) Phenanthrene

17.750min (+ 0.089) 22.15 ng/ul

response 565597

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.40	16.03
176.00	18.20	18.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059316.D
Acq On : 6 Oct 2023 5:03
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 06 06:17:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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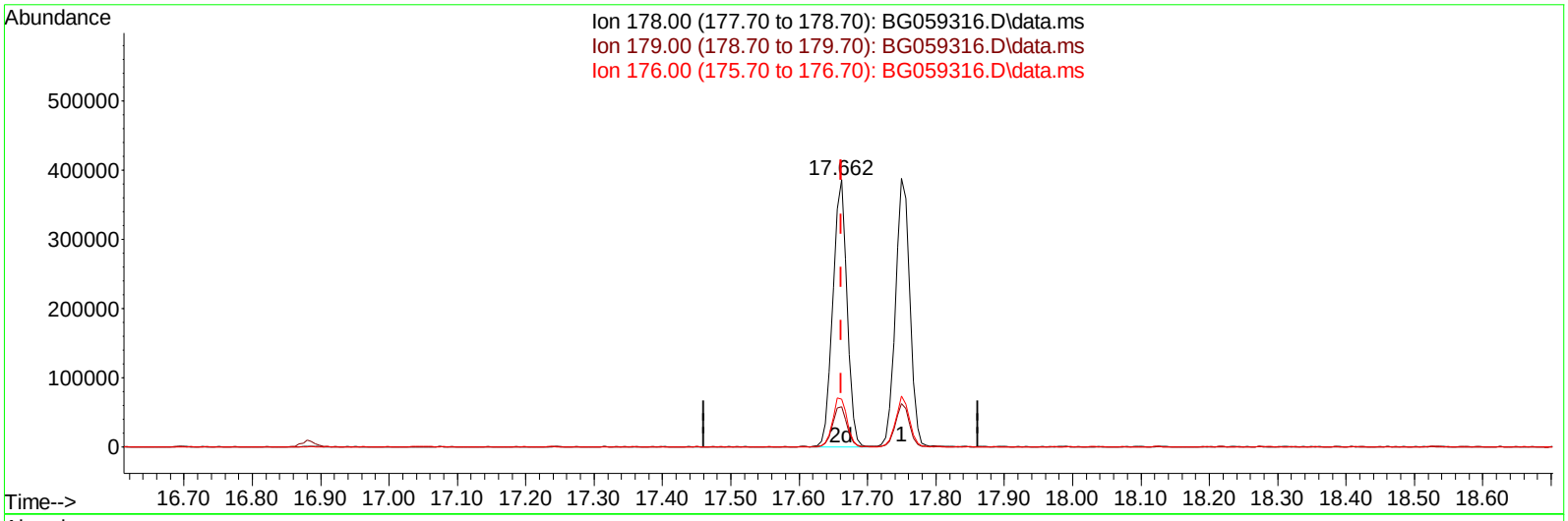

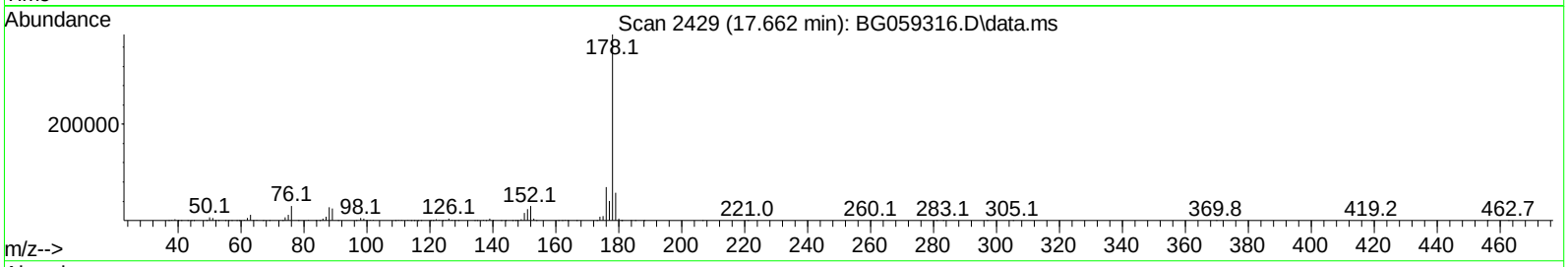

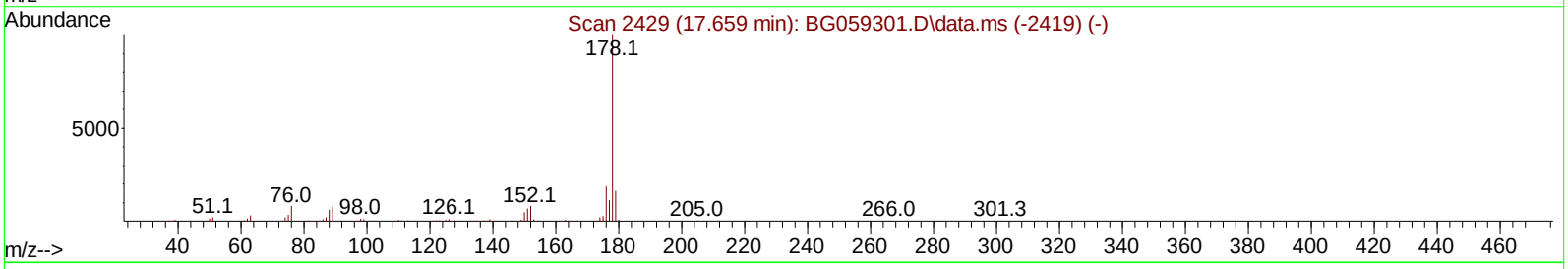

TIC: BG059316.D\data.ms

(72) Phenanthrene

17.662min (+ 0.000) 21.70 ng/ul m

response 554147

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.40	15.04
176.00	18.20	17.84
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059316.D
Acq On : 6 Oct 2023 5:03
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 06 06:18:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	77819	20.000	ng/ul	0.00
20) Naphthalene-d8	11.075	136	349921	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.865	164	212728	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.615	188	465246m	20.000	ng/ul	0.00
79) Chrysene-d12	21.921	240	406627	20.000	ng/ul	0.00
88) Perylene-d12	25.406	264	466445	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.537	96	15197	7.370	ng/uL	0.01
4) Pyridine-d5	3.972	84	107552	17.877	ng/ul	0.00
7) Phenol-d5	7.362	99	153448	19.699	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.556	67	88295	17.744	ng/ul	0.00
11) 2-Chlorophenol-d4	7.750	132	117615	22.462	ng/ul	0.00
15) 4-Methylphenol-d8	8.931	113	118720	19.717	ng/ul	0.00
21) Nitrobenzene-d5	9.430	128	57846	23.426	ng/ul	0.00
24) 2-Nitrophenol-d4	10.147	143	64164	26.470	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.682	165	113489	22.791	ng/ul	0.00
31) 4-Chloroaniline-d4	11.222	131	168333	20.894	ng/ul	0.00
46) Dimethylphthalate-d6	14.260	166	318209	20.689	ng/ul	0.00
49) Acenaphthylene-d8	14.571	160	414262	21.459	ng/ul	0.00
54) 4-Nitrophenol-d4	15.065	143	56577	21.065	ng/ul	0.00
60) Fluorene-d10	15.858	176	312292	21.334	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.970	200	48808	20.409	ng/ul	0.00
73) Anthracene-d10	17.715	188	458679	21.637	ng/ul	0.00
81) Pyrene-d10	19.988	212	499385	21.930	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.159	264	484577	21.618	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.572	88	16646	6.872	ng/uL	85
5) Pyridine	3.990	79	109404	17.908	ng/ul	93
6) Benzaldehyde	7.380	77	75459	22.059	ng/ul	95
8) Phenol	7.391	94	153229	19.774	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.650	93	113937	17.928	ng/ul	94
12) 2-Chlorophenol	7.785	128	114322	20.707	ng/ul#	93
13) 2-Methylphenol	8.666	108	113323	19.357	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.737	45	242356	17.250	ng/ul	99
16) Acetophenone	9.078	105	174431	18.705	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.042	70	82556	17.452	ng/ul	95
18) 4-Methylphenol	8.995	108	118060	19.033	ng/ul	91
19) Hexachloroethane	9.319	117	47665	21.915	ng/ul	87
22) Nitrobenzene	9.477	77	131015	21.494	ng/ul	97
23) Isophorone	9.977	82	252773	19.284	ng/ul	98
25) 2-Nitrophenol	10.182	139	65342	24.465	ng/ul	98
26) 2,4-Dimethylphenol	10.212	107	123756	21.670	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.464	93	162064	19.596	ng/ul	97
29) 2,4-Dichlorophenol	10.705	162	114208	23.072	ng/ul	98
30) Naphthalene	11.128	128	390395	20.808	ng/ul	97
32) 4-Chloroaniline	11.246	127	157536	20.448	ng/ul	99
33) Hexachlorobutadiene	11.352	225	74113	22.372	ng/ul	92
34) Caprolactam	12.033	113	35160m	20.529	ng/ul	
35) 4-Chloro-3-methylphenol	12.327	107	113171	21.428	ng/ul	93

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059316.D
Acq On : 6 Oct 2023 5:03
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 06 06:18:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.709	142	253693	20.641 ng/ul	99
37) 1-Methylnaphthalene	12.926	142	261840	20.990 ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.055	216	137094	21.526 ng/ul	95
40) Hexachlorocyclopentadiene	13.008	237	57115	14.538 ng/ul	95
41) 2,4,6-Trichlorophenol	13.302	196	87550	22.453 ng/ul	87
42) 2,4,5-Trichlorophenol	13.373	196	93727	22.908 ng/ul	90
43) 1,1'-Biphenyl	13.702	154	353318	20.565 ng/ul	99
44) 2-Chloronaphthalene	13.760	162	273041	21.109 ng/ul	96
45) 2-Nitroaniline	13.978	65	82733	22.675 ng/ul	95
47) Dimethylphthalate	14.307	163	324582	20.604 ng/ul	98
48) 2,6-Dinitrotoluene	14.454	165	64568	24.098 ng/ul	89
50) Acenaphthylene	14.601	152	428674	20.803 ng/ul#	94
51) 3-Nitroaniline	14.795	138	70278	24.297 ng/ul	91
52) Acenaphthene	14.936	153	292853	20.705 ng/ul	97
53) 2,4-Dinitrophenol	14.994	184	27192	18.257 ng/ul#	81
55) 4-Nitrophenol	15.077	109	39417	20.805 ng/ul	94
56) Dibenzofuran	15.265	168	402150	21.450 ng/ul	99
57) 2,4-Dinitrotoluene	15.235	165	94747	23.882 ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.476	232	85522	23.089 ng/ul#	97
59) Diethylphthalate	15.652	149	312119	20.495 ng/ul	95
61) Fluorene	15.911	166	332275	21.107 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.893	204	166155	21.173 ng/ul	97
63) 4-Nitroaniline	15.958	138	65008	24.422 ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.987	198	53470m	21.205 ng/ul	
67) N-Nitrosodiphenylamine	16.111	169	265644	21.420 ng/ul	97
68) 4-Bromophenyl-phenylether	16.792	248	99157	22.000 ng/ul	96
69) Hexachlorobenzene	16.886	284	111561	21.909 ng/ul	97
70) Atrazine	17.045	200	104073	22.070 ng/ul	95
71) Pentachlorophenol	17.239	266	65990	22.518 ng/ul	93
72) Phenanthrene	17.662	178	554147m	21.704 ng/ul	
74) Anthracene	17.750	178	564885	21.427 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.666	216	140417	22.903 ng/uL	98
76) Pentachlorobenzene	15.159	250	135213	22.336 ng/uL	99
77) Carbazole	18.032	167	471329	21.935 ng/ul	99
78) Di-n-butylphthalate	18.531	149	566388	22.236 ng/ul	100
80) Fluoranthene	19.654	202	620963	22.136 ng/ul	99
82) Pyrene	20.018	202	634461	21.353 ng/ul	100
83) Butylbenzylphthalate	20.870	149	243819	23.269 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.810	252	210945	22.401 ng/ul	96
85) Benzo(a)anthracene	21.898	228	609010	21.276 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.722	149	365978	23.001 ng/ul	100
87) Chrysene	21.968	228	573922	21.229 ng/ul	98
89) Di-n-octyl phthalate	23.014	149	604749	22.292 ng/ul	100
90) Benzo(b)fluoranthene	24.272	252	605417	21.191 ng/ul	99
91) Benzo(k)fluoranthene	24.348	252	607753	20.995 ng/ul	99
93) Benzo(a)pyrene	25.241	252	577788	21.319 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.430	276	649743	21.179 ng/ul	98
95) Dibenzo(a,h)anthracene	29.513	278	534590	21.428 ng/ul	99
96) Benzo(g,h,i)perylene	30.717	276	528780	21.198 ng/ul	94

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

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059316.D
Acq On : 6 Oct 2023 5:03
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 06 06:18:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
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