Quantitation Report (Qedit)

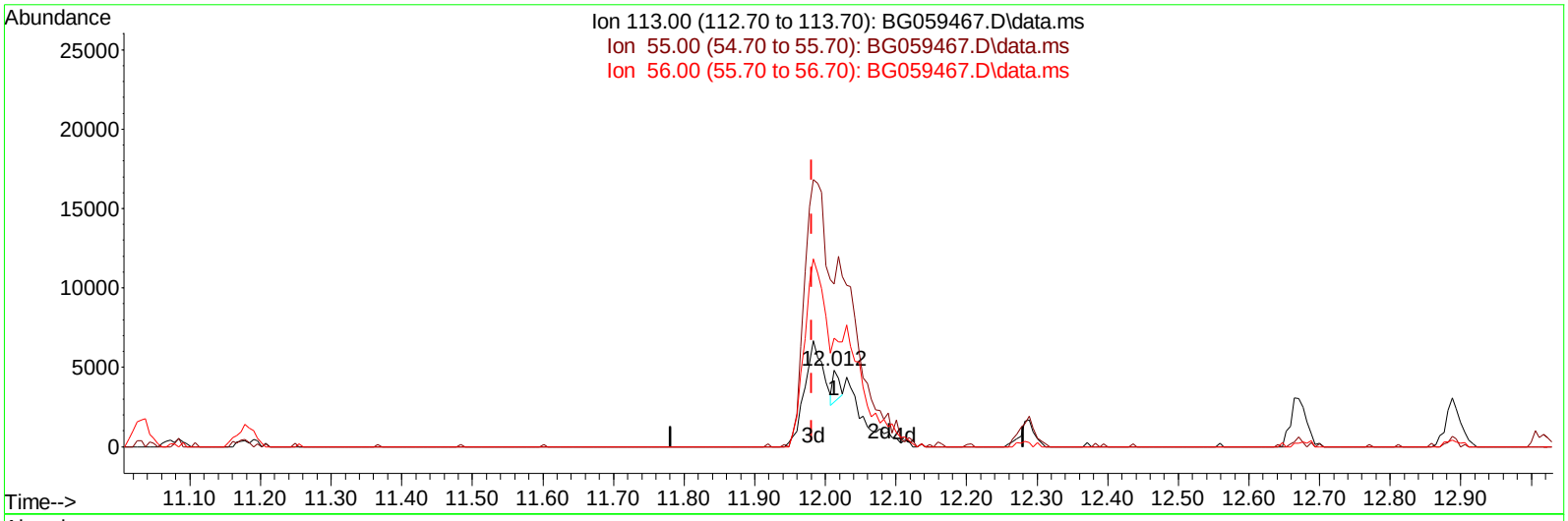
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101723\
Data File : BG059467.D
Acq On : 17 Oct 2023 21:02
Operator : MA/JU
Sample : SSTD04052
Misc :
ALS Vial : 6 Sample Multiplier: 1

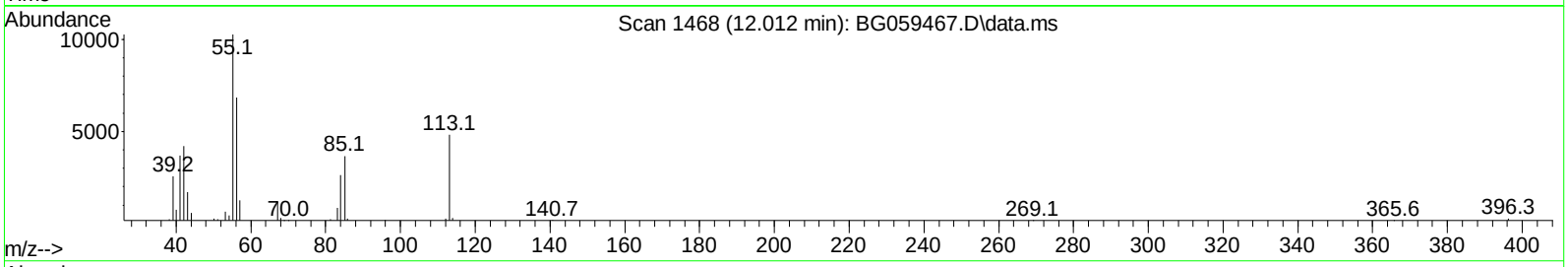
Quant Time: Oct 18 03:57:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 03:51:17 2023
Response via : Initial Calibration

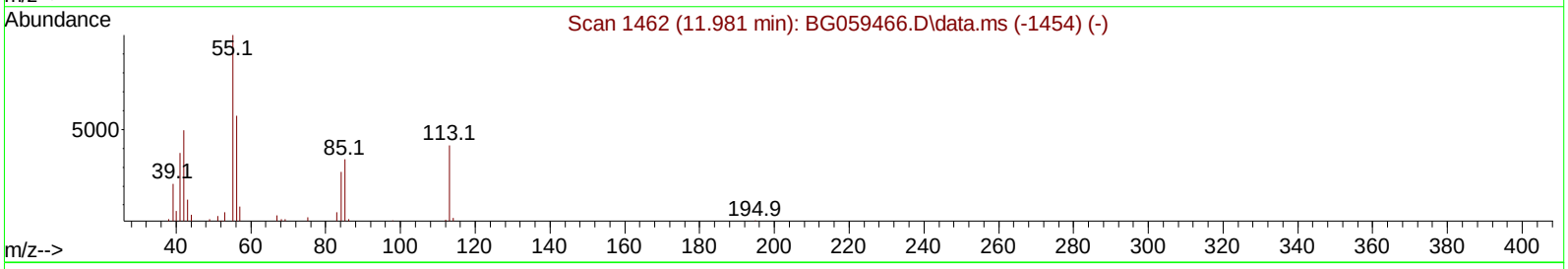
Instrument :
BNA_G
ClientSampleId :
SSTD040416

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023







TIC: BG059467.D\data.ms

(34) Caprolactam

12.012min (+ 0.032) 1.24 ng/ul

response 1270

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	239.70	212.91
56.00	137.00	141.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101723\
Data File : BG059467.D
Acq On : 17 Oct 2023 21:02
Operator : MA/JU
Sample : SSTD04052
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 18 03:57:10 2023
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Quant Title : SVOA CALIBRATION
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ClientSampleId :
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Manual IntegrationsAPPROVED

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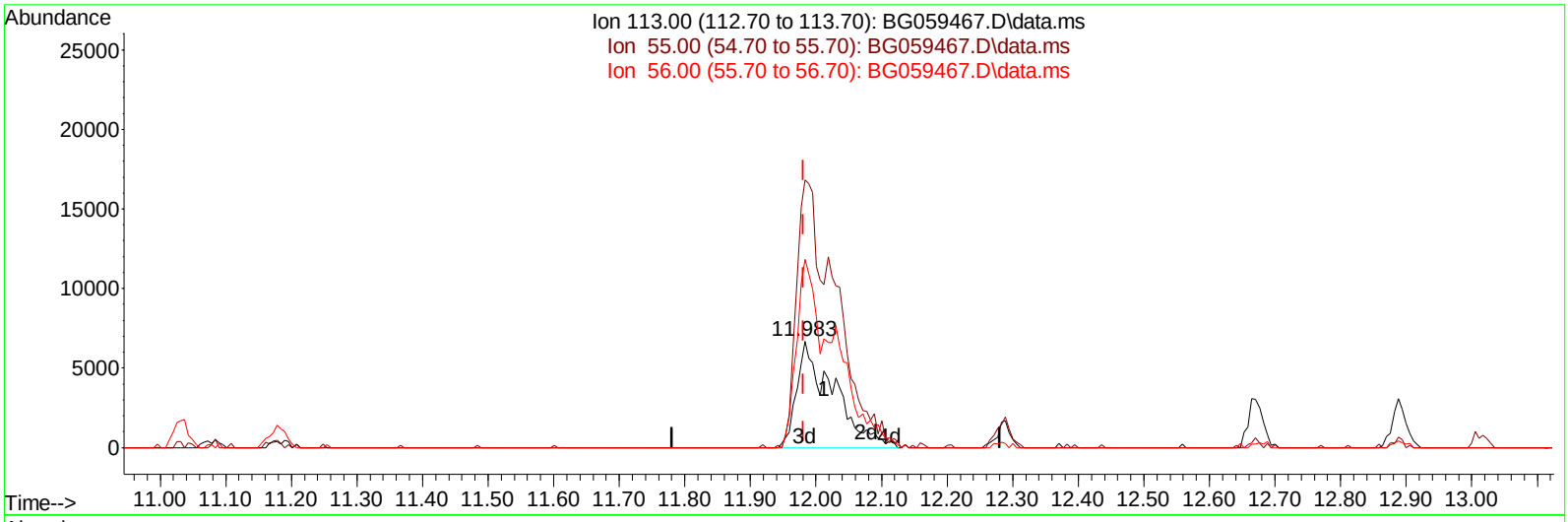

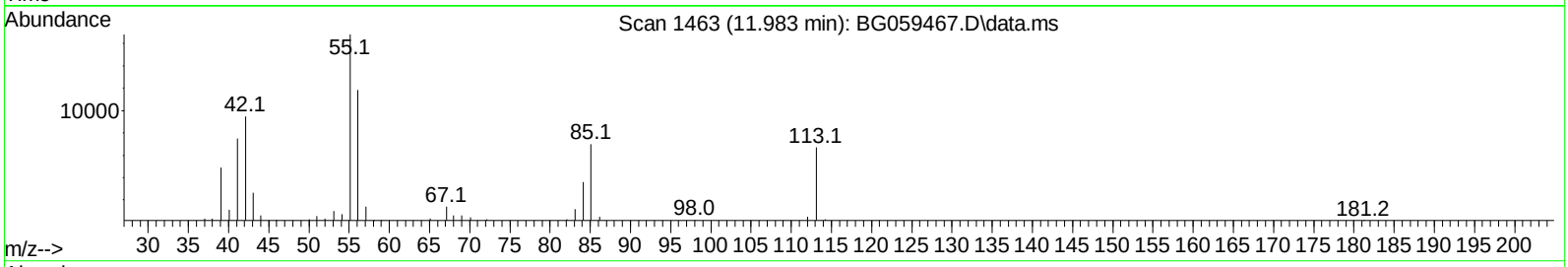

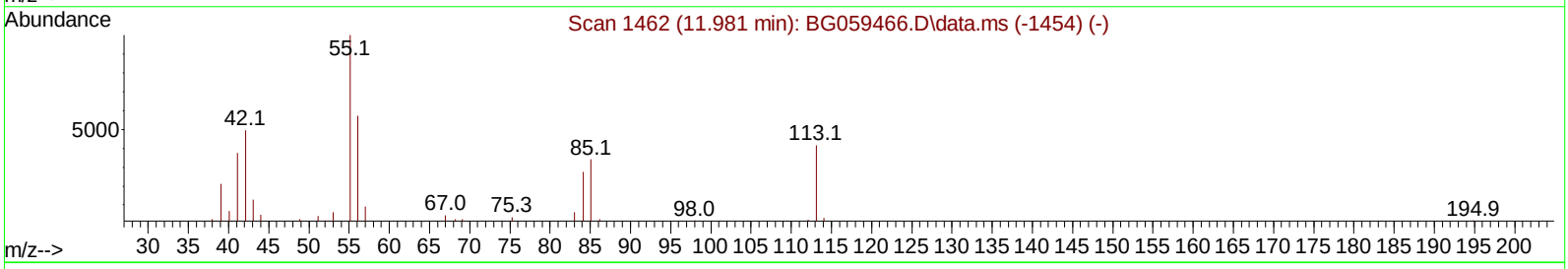

TIC: BG059467.D\data.ms

(34) Caprolactam

11.983min (+ 0.002) 25.53 ng/ul m

response 26124

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	239.70	251.43
56.00	137.00	177.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101723\
Data File : BG059467.D
Acq On : 17 Oct 2023 21:02
Operator : MA/JU
Sample : SSTD04052
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 18 03:57:10 2023
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Quant Title : SVOA CALIBRATION
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BNA_G
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Manual IntegrationsAPPROVED

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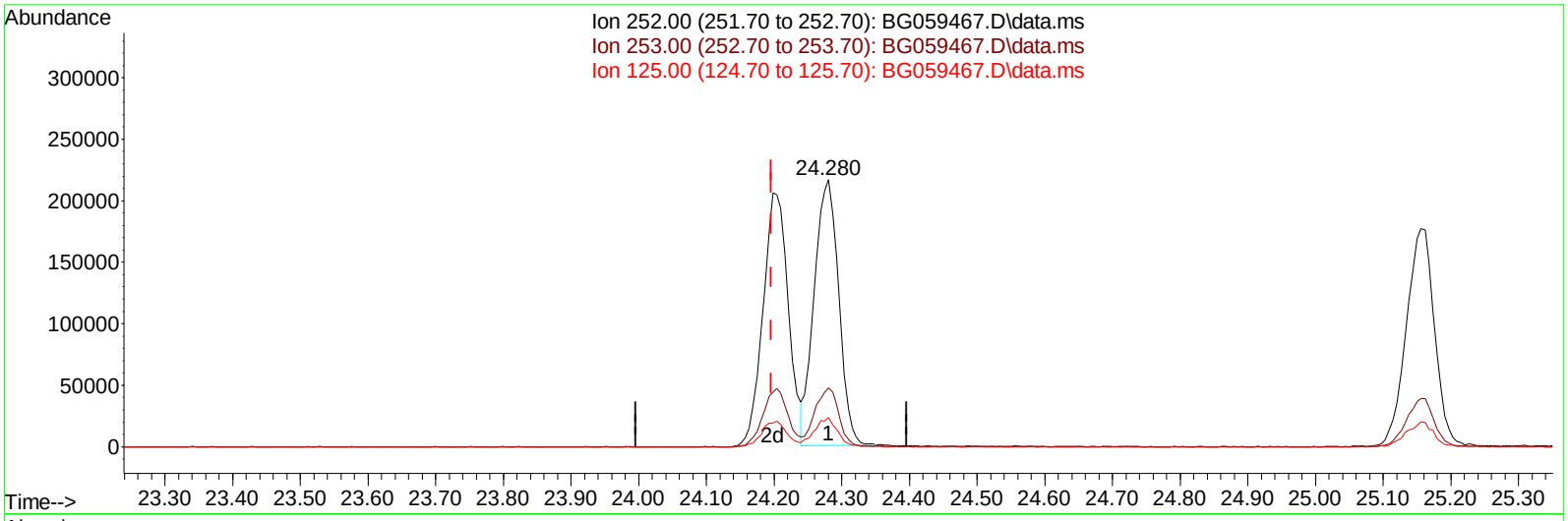

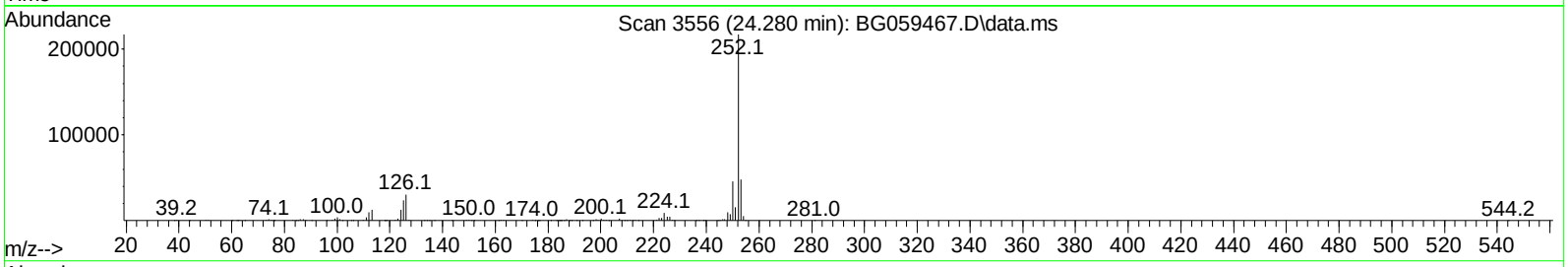

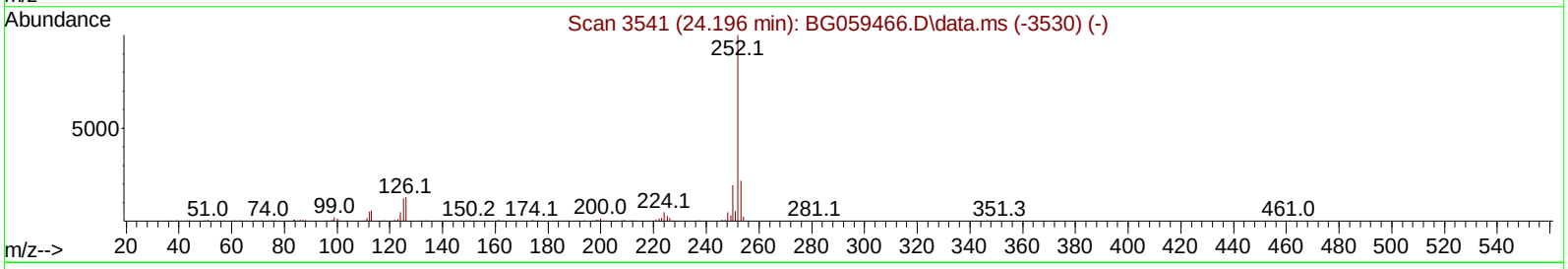

TIC: BG059467.D\data.ms

(90) Benzo(b)fluoranthene

24.280min (+ 0.085) 43.86 ng/ul

response 544558

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	22.11
125.00	12.20	11.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101723\
Data File : BG059467.D
Acq On : 17 Oct 2023 21:02
Operator : MA/JU
Sample : SSTD04052
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 18 03:57:10 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 03:51:17 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040416

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/18/2023
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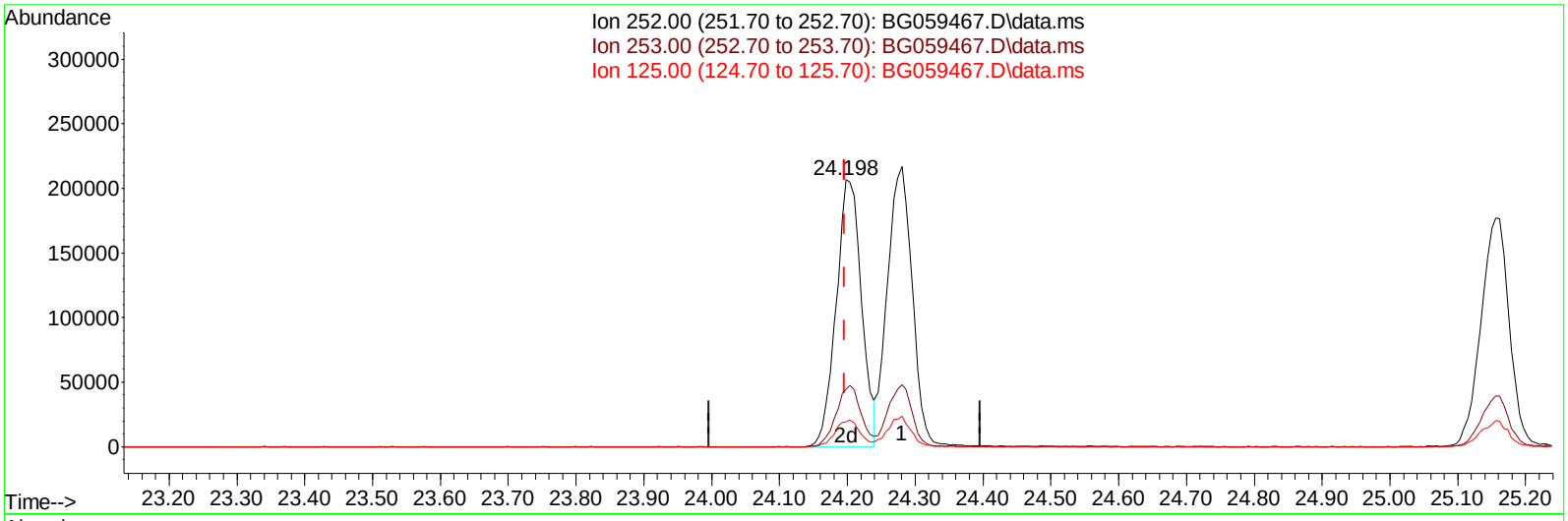
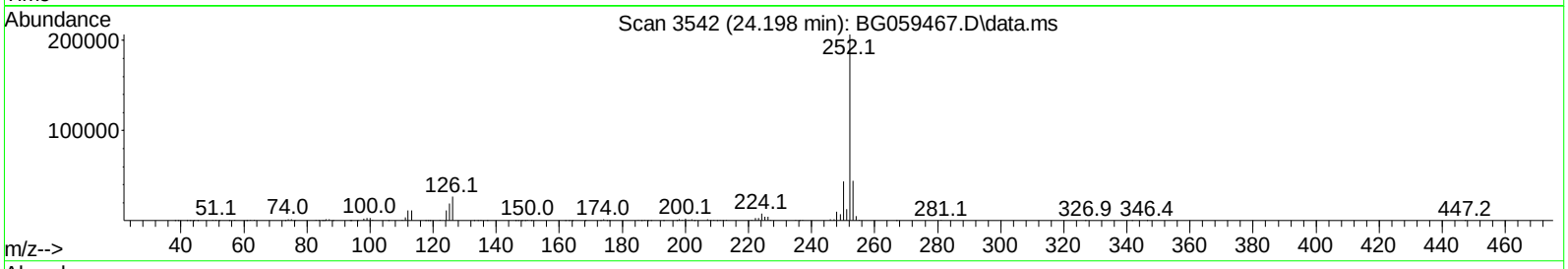
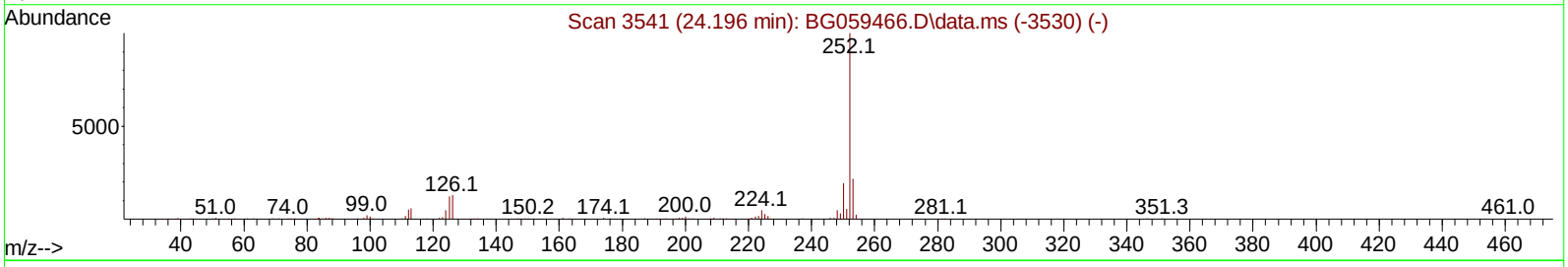






TIC: BG059467.D\data.ms

(90) Benzo(b)fluoranthene

24.198min (+ 0.002) 43.52 ng/ul m

response 540325

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	21.49
125.00	12.20	9.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

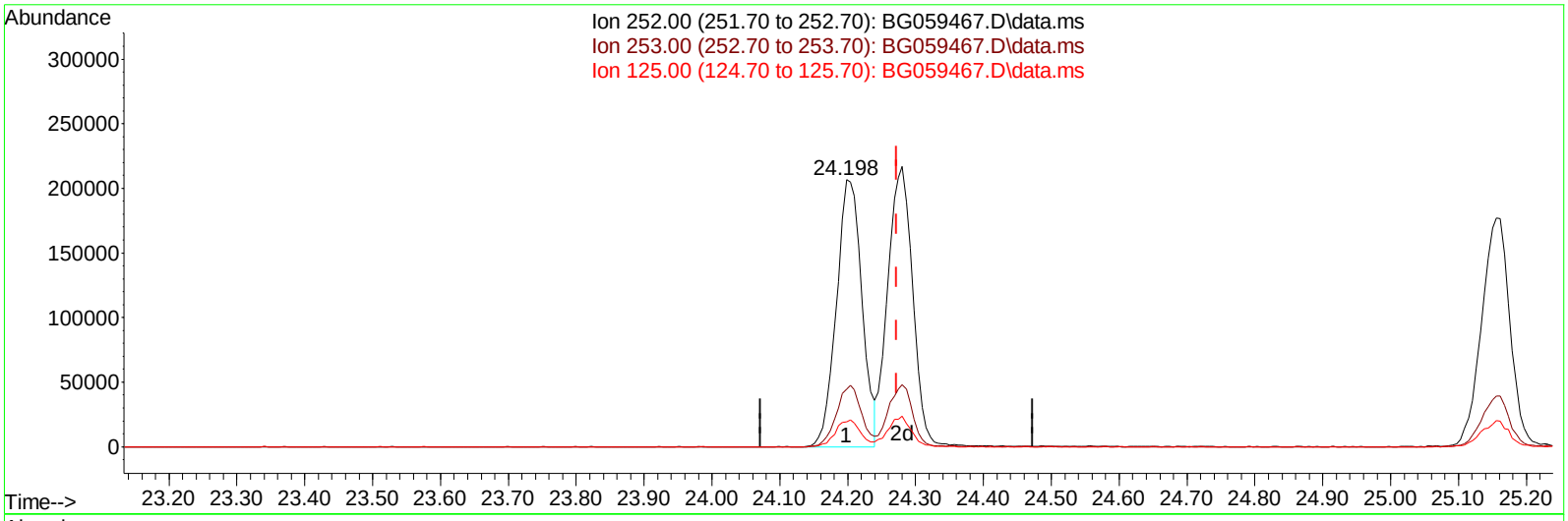
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101723\
Data File : BG059467.D
Acq On : 17 Oct 2023 21:02
Operator : MA/JU
Sample : SSTD04052
Misc :
ALS Vial : 6 Sample Multiplier: 1

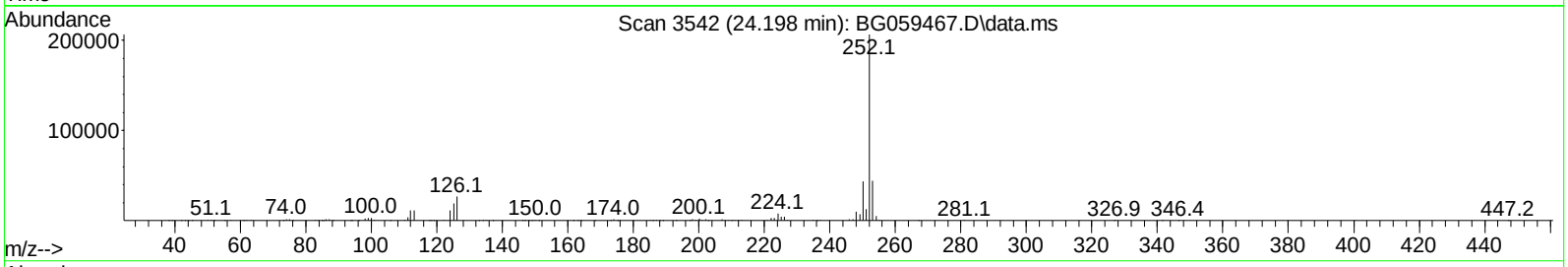
Quant Time: Oct 18 03:57:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 03:51:17 2023
Response via : Initial Calibration

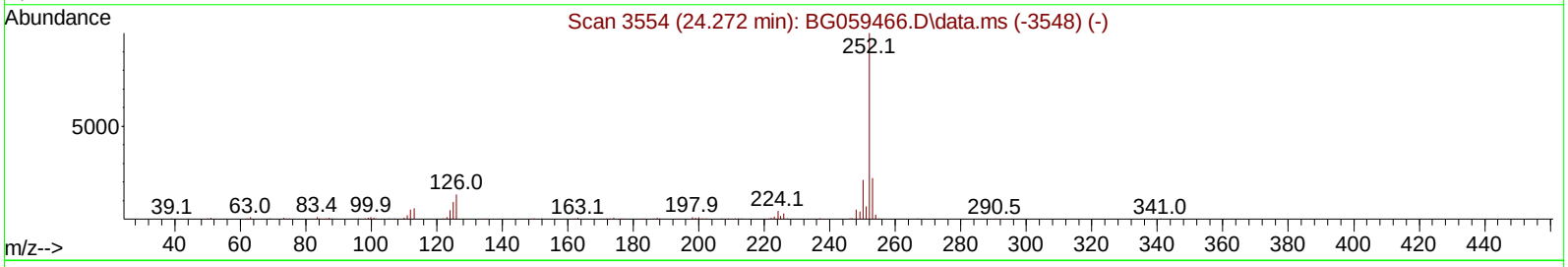
Instrument :
BNA_G
ClientSampleId :
SSTD040416

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023







TIC: BG059467.D\data.ms

(91) Benzo(k)fluoranthene

24.198min (-0.074) 42.80 ng/ul

response 540325

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	21.49
125.00	9.00	9.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101723\
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Acq On : 17 Oct 2023 21:02
Operator : MA/JU
Sample : SSTD04052
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 18 03:57:10 2023
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Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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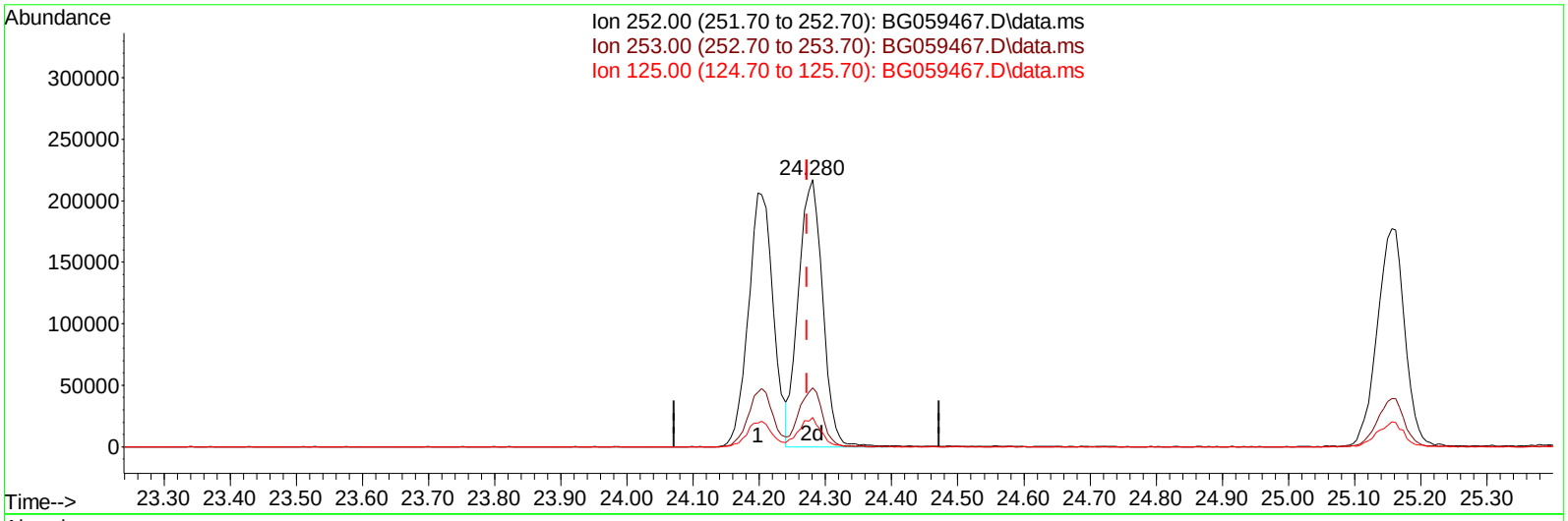

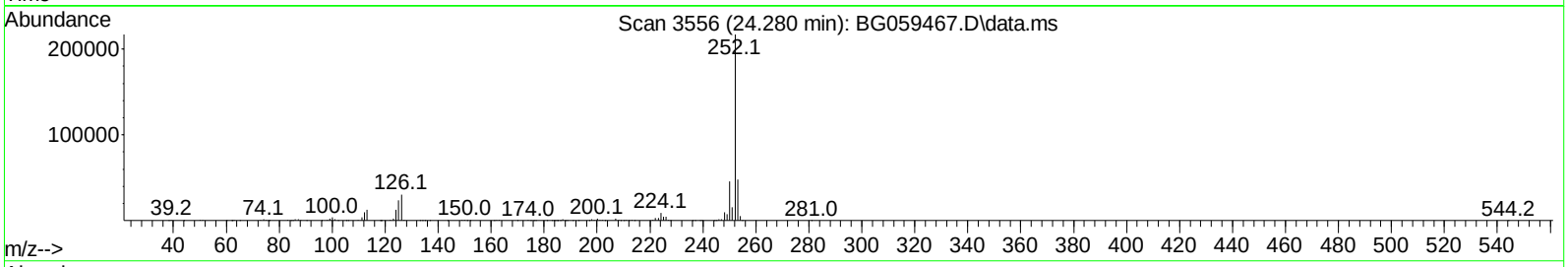

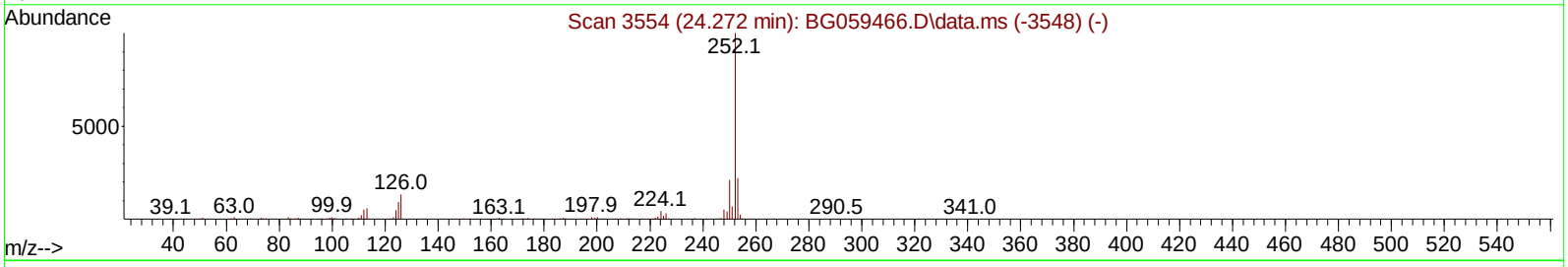

TIC: BG059467.D\data.ms

(91) Benzo(k)fluoranthene

24.280min (+ 0.008) 43.93 ng/ul m

response 554548

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.11
125.00	9.00	11.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101723\
Data File : BG059467.D
Acq On : 17 Oct 2023 21:02
Operator : MA/JU
Sample : SSTD04052
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 18 03:57:10 2023
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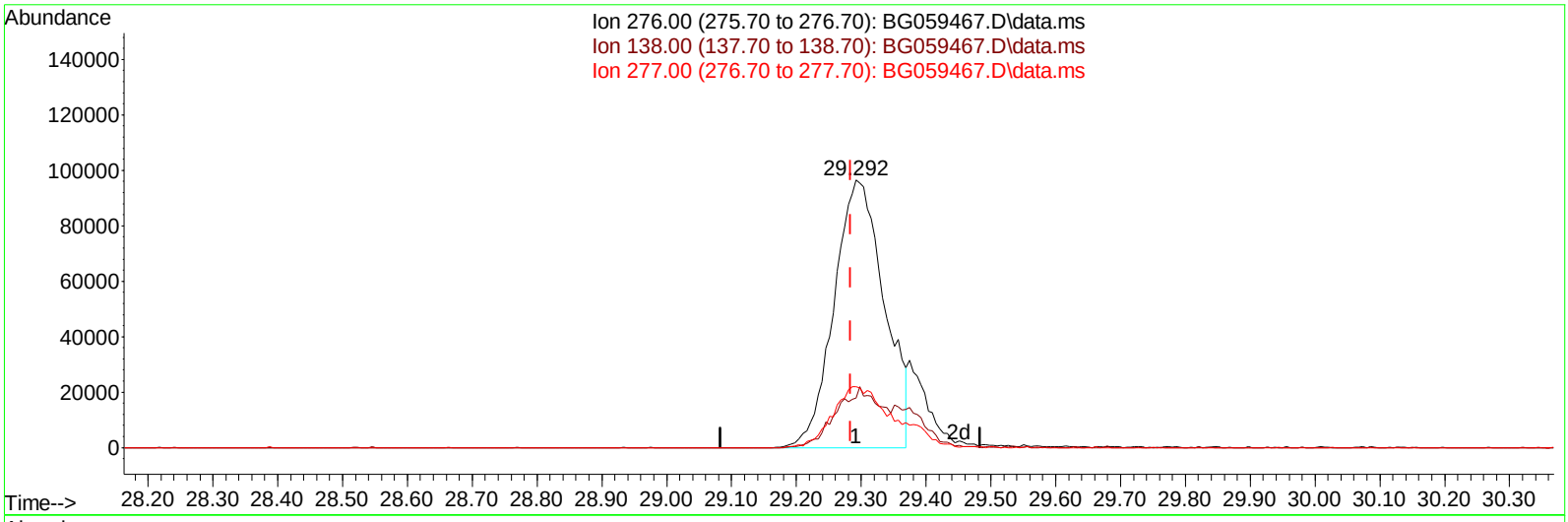

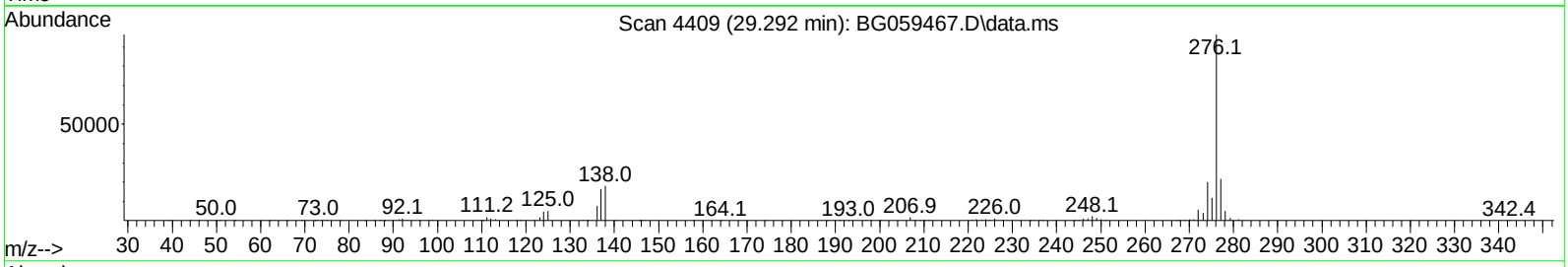

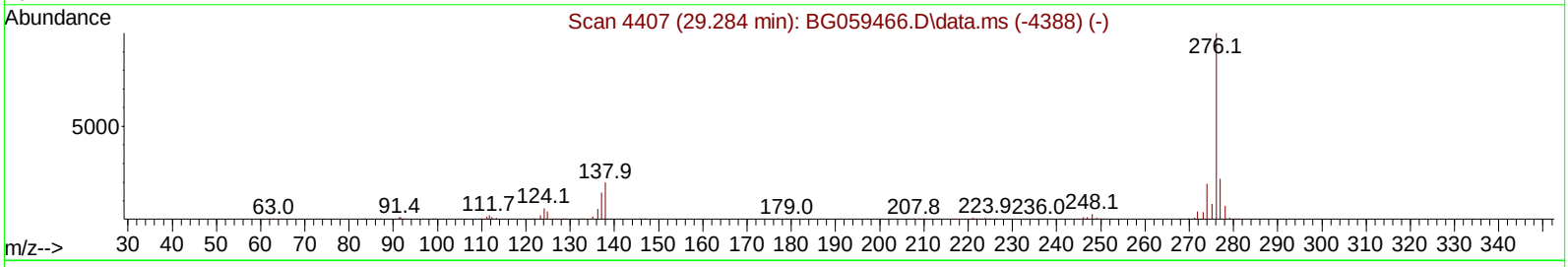

TIC: BG059467.D\data.ms

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

29.292min (+ 0.008) 38.47 ng/ul

response 520276

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.10	18.63
277.00	21.80	22.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101723\
Data File : BG059467.D
Acq On : 17 Oct 2023 21:02
Operator : MA/JU
Sample : SSTD04052
Misc :
ALS Vial : 6 Sample Multiplier: 1

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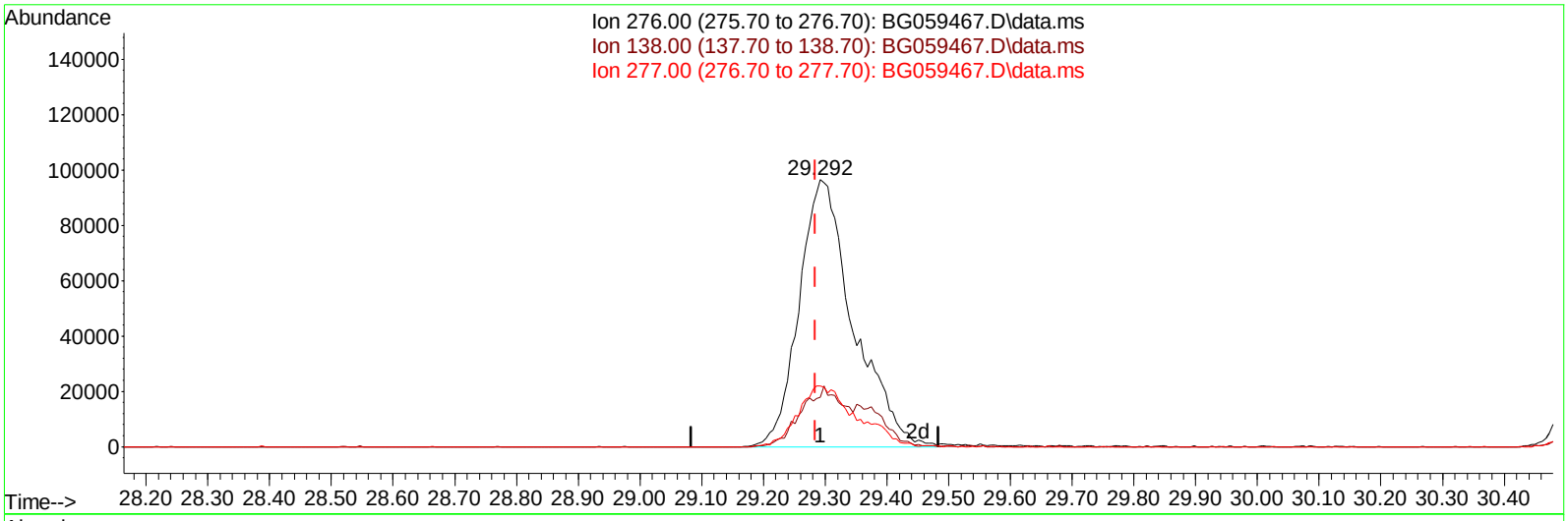

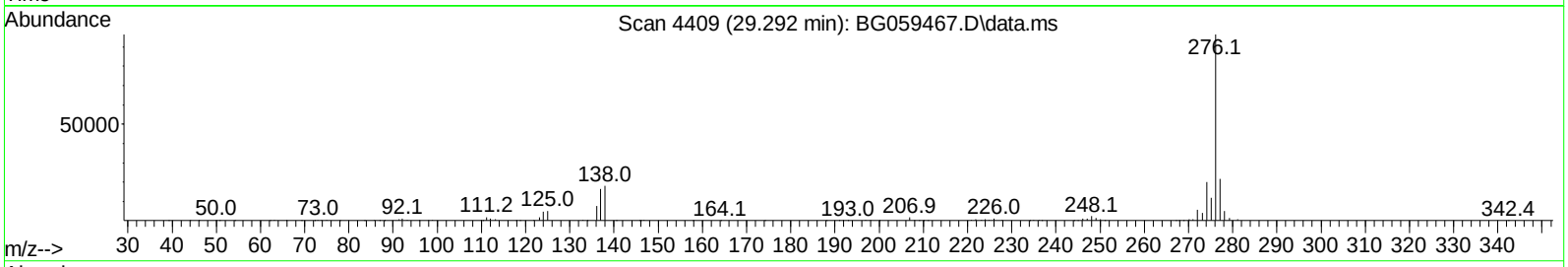

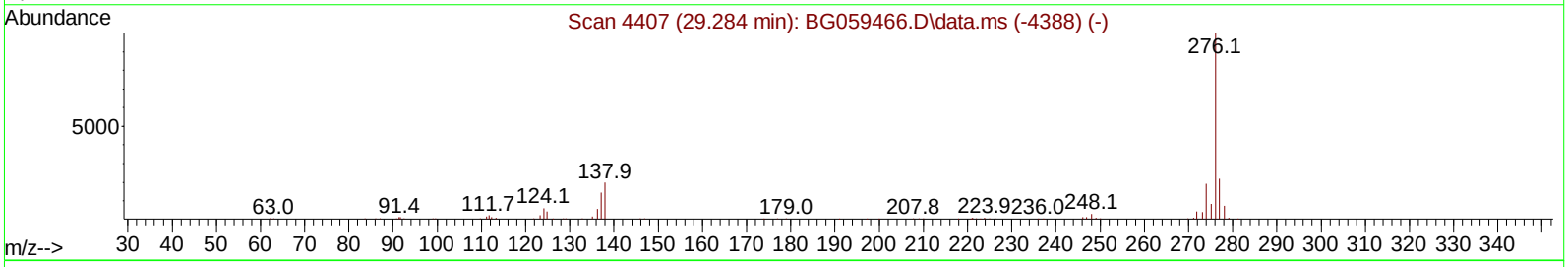

TIC: BG059467.D\data.ms

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

29.292min (+ 0.008) 43.47 ng/ul m

response 587981

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.10	18.63
277.00	21.80	22.67
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG059467.D
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/18/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	27812	20.000	ng/ul	0.00
20) Naphthalene-d8	11.031	136	181621	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.827	164	78187	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.577	188	166653	20.000	ng/ul	0.00
79) Chrysene-d12	21.871	240	153236	20.000	ng/ul	0.00
88) Perylene-d12	25.320	264	183602	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	13341	15.663	ng/uL	0.00
4) Pyridine-d5	3.916	84	135531	52.622	ng/ul	0.00
7) Phenol-d5	7.318	99	126421	41.804	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.512	67	71012	41.545	ng/ul	0.00
11) 2-Chlorophenol-d4	7.712	132	95849	44.305	ng/ul	0.00
15) 4-Methylphenol-d8	8.887	113	95978	42.059	ng/ul	0.00
21) Nitrobenzene-d5	9.392	128	44944	30.078	ng/ul	0.00
24) 2-Nitrophenol-d4	10.109	143	65663	44.874	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.638	165	130025	42.355	ng/ul	0.00
31) 4-Chloroaniline-d4	11.178	131	173586	36.179	ng/ul	0.00
46) Dimethylphthalate-d6	14.227	166	269656	40.759	ng/ul	0.00
49) Acenaphthylene-d8	14.533	160	335802	41.741	ng/ul	0.00
54) 4-Nitrophenol-d4	15.027	143	48481	41.883	ng/ul	0.00
60) Fluorene-d10	15.820	176	250263	39.778	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.937	200	42378	41.876	ng/ul	0.00
73) Anthracene-d10	17.676	188	378445	44.025	ng/ul	0.00
81) Pyrene-d10	19.956	212	420850	44.577	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.079	264	432967	42.502	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	14630	13.659	ng/uL	98
5) Pyridine	3.940	79	141673	56.338	ng/ul	89
6) Benzaldehyde	7.336	77	59718	45.132	ng/ul	91
8) Phenol	7.347	94	123086	41.138	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.612	93	96198	40.391	ng/ul	93
12) 2-Chlorophenol	7.741	128	97878	43.542	ng/ul	98
13) 2-Methylphenol	8.622	108	94926	43.208	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.699	45	203117	41.513	ng/ul	98
16) Acetophenone	9.034	105	143798	41.729	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.998	70	65640	41.369	ng/ul	92
18) 4-Methylphenol	8.957	108	99322	41.587	ng/ul	89
19) Hexachloroethane	9.274	117	37440	43.825	ng/ul#	81
22) Nitrobenzene	9.433	77	100532	30.046	ng/ul	99
23) Isophorone	9.938	82	324833	46.226	ng/ul	99
25) 2-Nitrophenol	10.144	139	66357	41.149	ng/ul	92
26) 2,4-Dimethylphenol	10.168	107	126868	38.401	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.426	93	210004	46.466	ng/ul	95
29) 2,4-Dichlorophenol	10.667	162	127630	43.018	ng/ul#	83
30) Naphthalene	11.084	128	455803	41.347	ng/ul	97
32) 4-Chloroaniline	11.208	127	161382	35.336	ng/ul	92
33) Hexachlorobutadiene	11.313	225	59106	30.216	ng/ul	96
34) Caprolactam	11.983	113	26124m	25.531	ng/ul	
35) 4-Chloro-3-methylphenol	12.289	107	87065	29.332	ng/ul	97

Quantitation Report (QT Reviewed)

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BNA_G
ClientSampleId :
SSTD040416

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.670	142	208509	29.637	ng/ul	94
37) 1-Methylnaphthalene	12.888	142	209927	29.031	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.017	216	110228	42.980	ng/ul	97
40) Hexachlorocyclopentadiene	12.970	237	65945	44.389	ng/ul	92
41) 2,4,6-Trichlorophenol	13.264	196	68706	43.924	ng/ul	93
42) 2,4,5-Trichlorophenol	13.334	196	71978	42.311	ng/ul	97
43) 1,1'-Biphenyl	13.663	154	292193	41.326	ng/ul	100
44) 2-Chloronaphthalene	13.722	162	223475	41.136	ng/ul	96
45) 2-Nitroaniline	13.940	65	58761	40.999	ng/ul	94
47) Dimethylphthalate	14.275	163	267040	40.351	ng/ul	97
48) 2,6-Dinitrotoluene	14.421	165	51940	42.847	ng/ul	97
50) Acenaphthylene	14.562	152	352559	41.634	ng/ul	98
51) 3-Nitroaniline	14.762	138	54809	41.749	ng/ul#	80
52) Acenaphthene	14.897	153	236267	40.520	ng/ul	96
53) 2,4-Dinitrophenol	14.956	184	27803	42.237	ng/ul	95
55) 4-Nitrophenol	15.038	109	34367	41.363	ng/ul	89
56) Dibenzofuran	15.226	168	318798	40.219	ng/ul	100
57) 2,4-Dinitrotoluene	15.197	165	75088	42.831	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.438	232	66442	43.100	ng/ul#	92
59) Diethylphthalate	15.620	149	252538	39.348	ng/ul	98
61) Fluorene	15.873	166	262084	39.987	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.855	204	136025	40.756	ng/ul	91
63) 4-Nitroaniline	15.926	138	54339	42.117	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.949	198	45834	42.771	ng/ul#	80
67) N-Nitrosodiphenylamine	16.078	169	216711	43.961	ng/ul	97
68) 4-Bromophenyl-phenylether	16.754	248	80508	44.305	ng/ul	93
69) Hexachlorobenzene	16.848	284	88352	42.548	ng/ul	97
70) Atrazine	17.012	200	78875	41.098	ng/ul	98
71) Pentachlorophenol	17.206	266	51895	43.926	ng/ul	85
72) Phenanthrene	17.624	178	441876	42.533	ng/ul	98
74) Anthracene	17.718	178	454108	42.630	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.628	216	111460	46.322	ng/uL	94
76) Pentachlorobenzene	15.121	250	106480	45.408	ng/uL	95
77) Carbazole	17.994	167	388383	42.162	ng/ul	98
78) Di-n-butylphthalate	18.493	149	446628	43.009	ng/ul	97
80) Fluoranthene	19.615	202	517863	46.024	ng/ul	98
82) Pyrene	19.985	202	537046	44.444	ng/ul	97
83) Butylbenzylphthalate	20.832	149	195146	47.931	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.766	252	187627	46.783	ng/ul	99
85) Benzo(a)anthracene	21.848	228	529038	43.663	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.683	149	286127	48.213	ng/ul	96
87) Chrysene	21.924	228	500326	43.772	ng/ul	99
89) Di-n-octyl phthalate	22.958	149	484517	45.050	ng/ul	100
90) Benzo(b)fluoranthene	24.198	252	540325m	43.516	ng/ul	
91) Benzo(k)fluoranthene	24.280	252	554548m	43.929	ng/ul	
93) Benzo(a)pyrene	25.156	252	510746	42.414	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.292	276	587981m	43.471	ng/ul	
95) Dibenzo(a,h)anthracene	29.374	278	472706	42.004	ng/ul	99
96) Benzo(g,h,i)perylene	30.561	276	475933	43.056	ng/ul#	94

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

Instrument :
BNA_G
ClientSampleId :
SSTD040416

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101723\
Data File : BG059467.D
Acq On : 17 Oct 2023 21:02
Operator : MA/JU
Sample : SSTD04052
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 18 04:19:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 03:51:17 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040416

Manual IntegrationsAPPROVED

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