Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059101.D
Acq On : 20 Sep 2023 9:20
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 21 00:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020563

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	30823	20.000	ng/ul	0.00
20) Naphthalene-d8	11.138	136	156200	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.928	164	100157	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.678	188	221202	20.000	ng/ul	0.00
79) Chrysene-d12	21.996	240	192027	20.000	ng/ul	0.00
88) Perylene-d12	25.557	264	221538	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	6543	8.309	ng/uL	-0.01
4) Pyridine-d5	4.035	84	50043	21.662	ng/ul	-0.01
7) Phenol-d5	7.407	99	61736	20.370	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.613	67	40771	21.921	ng/ul	0.00
11) 2-Chlorophenol-d4	7.813	132	48906	21.866	ng/ul	0.00
15) 4-Methylphenol-d8	8.982	113	51583	21.370	ng/ul	0.00
21) Nitrobenzene-d5	9.493	128	25087	20.814	ng/ul	0.00
24) 2-Nitrophenol-d4	10.210	143	26272	21.577	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.733	165	49746	21.520	ng/ul	0.00
31) 4-Chloroaniline-d4	11.285	131	75459	20.915	ng/ul	0.00
46) Dimethylphthalate-d6	14.323	166	162805	21.136	ng/ul	0.00
49) Acenaphthylene-d8	14.628	160	196532	20.954	ng/ul	0.00
54) 4-Nitrophenol-d4	15.098	143	27863	19.826	ng/ul	0.00
60) Fluorene-d10	15.915	176	152429	21.619	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.021	200	26347	20.950	ng/ul	0.00
73) Anthracene-d10	17.777	188	222645	22.121	ng/ul	0.00
81) Pyrene-d10	20.051	212	245437	21.867	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.298	264	234452	21.673	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.647	88	6266	7.037	ng/uL#	82
5) Pyridine	4.058	79	49281	20.935	ng/ul	92
6) Benzaldehyde	7.442	77	38581	24.550	ng/ul	92
8) Phenol	7.431	94	64190	20.606	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.707	93	54957	21.973	ng/ul	95
12) 2-Chlorophenol	7.842	128	48921	21.438	ng/ul	97
13) 2-Methylphenol	8.712	108	48611	21.027	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.806	45	116886	22.509	ng/ul	98
16) Acetophenone	9.141	105	80745	21.728	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.099	70	40237	21.419	ng/ul#	98
18) 4-Methylphenol	9.041	108	54306	21.920	ng/ul	87
19) Hexachloroethane	9.381	117	19040	21.222	ng/ul	87
22) Nitrobenzene	9.534	77	56899	20.846	ng/ul	97
23) Isophorone	10.039	82	126679	21.644	ng/ul	99
25) 2-Nitrophenol	10.245	139	29235	21.485	ng/ul	97
26) 2,4-Dimethylphenol	10.269	107	55448	21.795	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.527	93	77285	21.225	ng/ul	96
29) 2,4-Dichlorophenol	10.762	162	49729	21.281	ng/ul	93
30) Naphthalene	11.191	128	177515	21.238	ng/ul	99
32) 4-Chloroaniline	11.309	127	74020	20.842	ng/ul	99
33) Hexachlorobutadiene	11.420	225	33740	22.433	ng/ul#	79
34) Caprolactam	12.084	113	17917m	20.937	ng/ul	
35) 4-Chloro-3-methylphenol	12.378	107	52992	21.530	ng/ul	96
36) 2-Methylnaphthalene	12.777	142	119407	21.390	ng/ul	96

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SSTD020563

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.989	142	121607	21.565	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.118	216	64494	21.965	ng/ul	94
40) Hexachlorocyclopentadiene	13.071	237	39740	21.229	ng/ul	99
41) 2,4,6-Trichlorophenol	13.359	196	41118	21.445	ng/ul	93
42) 2,4,5-Trichlorophenol	13.424	196	44297	21.358	ng/ul	95
43) 1,1'-Biphenyl	13.765	154	174492	21.827	ng/ul	95
44) 2-Chloronaphthalene	13.817	162	129699	21.248	ng/ul	95
45) 2-Nitroaniline	14.029	65	39829	20.584	ng/ul	99
47) Dimethylphthalate	14.370	163	167704	21.316	ng/ul	98
48) 2,6-Dinitrotoluene	14.517	165	31153	21.428	ng/ul	94
50) Acenaphthylene	14.658	152	210784	21.041	ng/ul	99
51) 3-Nitroaniline	14.846	138	33793	21.066	ng/ul	97
52) Acenaphthene	14.992	153	142690	21.004	ng/ul	100
53) 2,4-Dinitrophenol	15.045	184	15598	17.806	ng/ul#	88
55) 4-Nitrophenol	15.110	109	19818	21.337	ng/ul	91
56) Dibenzofuran	15.322	168	195420	21.687	ng/ul	97
57) 2,4-Dinitrotoluene	15.286	165	44019	21.001	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.527	232	40754	21.228	ng/ul#	87
59) Diethylphthalate	15.715	149	162227	20.926	ng/ul	100
61) Fluorene	15.968	166	160611	20.874	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.956	204	81788	21.418	ng/ul	96
63) 4-Nitroaniline	16.009	138	31352	21.084	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	16.038	198	27267	20.116	ng/ul#	99
67) N-Nitrosodiphenylamine	16.173	169	132401	22.482	ng/ul	100
68) 4-Bromophenyl-phenylether	16.855	248	48059	22.331	ng/ul	95
69) Hexachlorobenzene	16.943	284	53584	21.737	ng/ul	99
70) Atrazine	17.108	200	51508	21.981	ng/ul	98
71) Pentachlorophenol	17.302	266	32356	20.207	ng/ul	91
72) Phenanthrene	17.719	178	269895	21.803	ng/ul	98
74) Anthracene	17.813	178	282781	22.357	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.723	216	68844	23.344	ng/uL	88
76) Pentachlorobenzene	15.216	250	61995	22.727	ng/uL	93
77) Carbazole	18.089	167	227623	21.646	ng/ul	98
78) Di-n-butylphthalate	18.594	149	272990	21.073	ng/ul	99
80) Fluoranthene	19.710	202	302148	21.603	ng/ul	98
82) Pyrene	20.081	202	319729	21.915	ng/ul	97
83) Butylbenzylphthalate	20.938	149	107607	20.419	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.890	252	102105	22.004	ng/ul	97
85) Benzo(a)anthracene	21.978	228	292647	20.991	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.814	149	166845	21.161	ng/ul	98
87) Chrysene	22.049	228	273899	21.066	ng/ul	99
89) Di-n-octyl phthalate	23.136	149	278229	20.542	ng/ul	100
90) Benzo(b)fluoranthene	24.393	252	289953	21.479	ng/ul	99
91) Benzo(k)fluoranthene	24.475	252	299522	21.400	ng/ul	100
93) Benzo(a)pyrene	25.374	252	277328	21.376	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.658	276	315515m	21.383	ng/ul	
95) Dibenzo(a,h)anthracene	29.746	278	258221m	21.777	ng/ul	
96) Benzo(g,h,i)perylene	30.968	276	252843m	21.272	ng/ul	

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

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Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 21 00:03:19 2023
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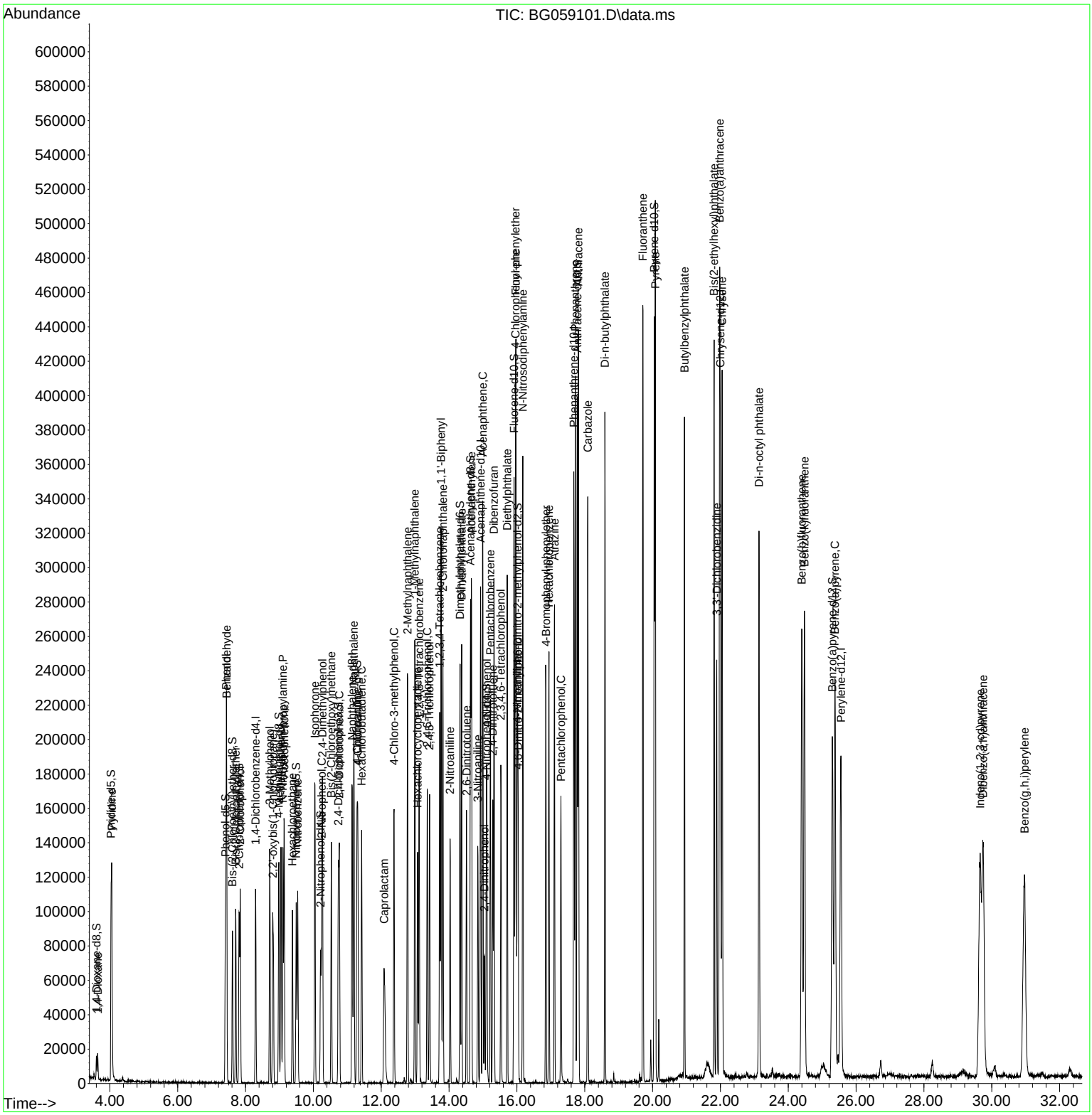
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020563

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



Quantitation Report (Qedit)

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Operator : MA/JU
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Quant Time: Sep 20 23:56:01 2023
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Quant Title : SVOA CALIBRATION
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Manual Integrations APPROVED

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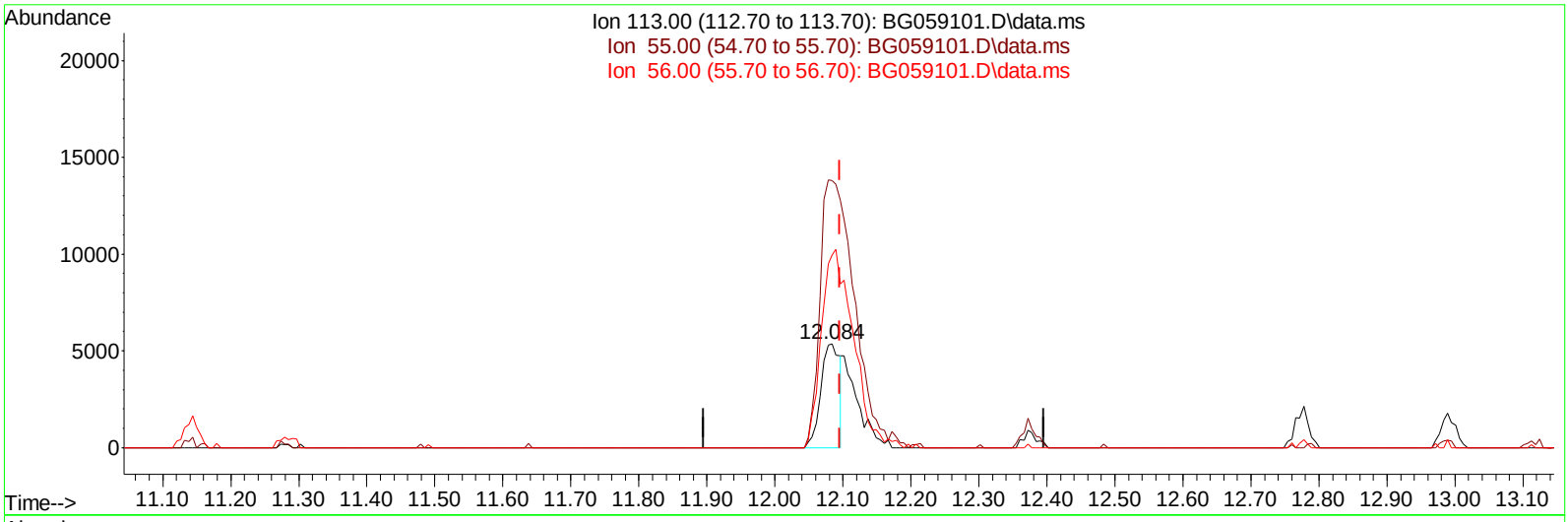

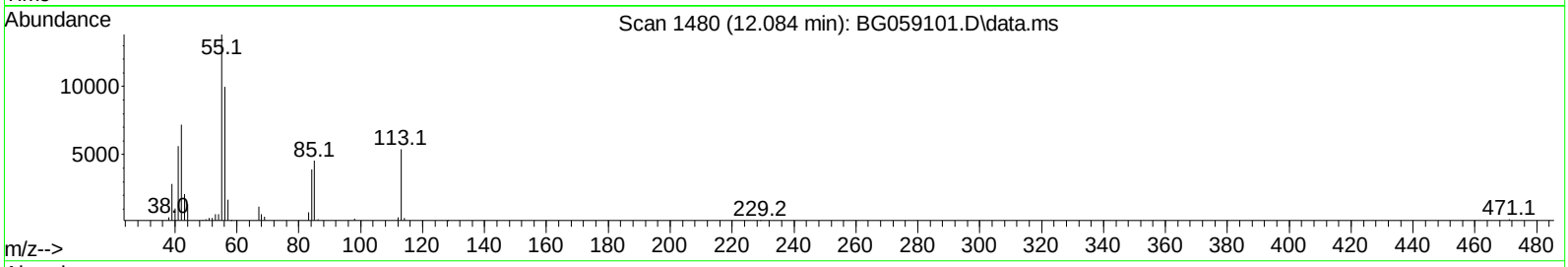

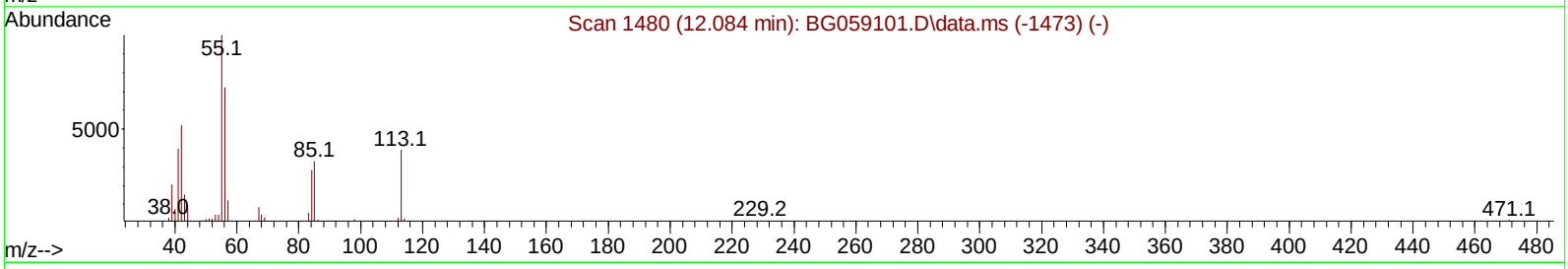

TIC: BG059101.D\data.ms

(34) Caprolactam

12.084min (-0.011) 12.10 ng/ul

response 10352

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	257.40#
56.00	140.40	185.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
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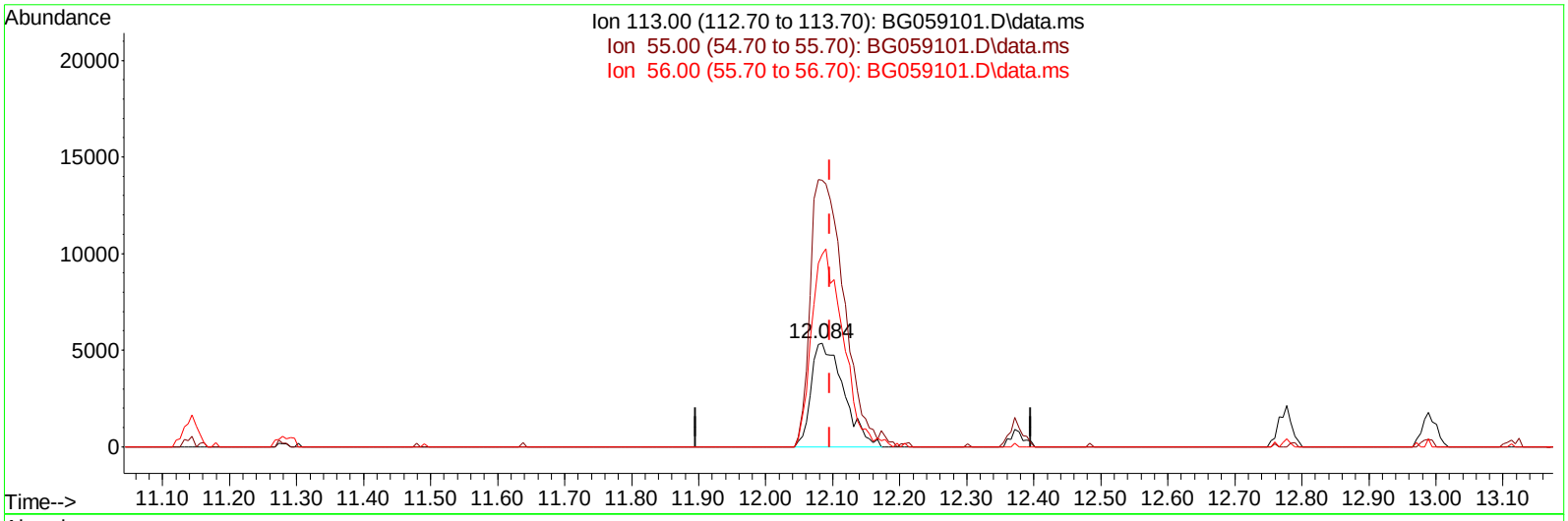

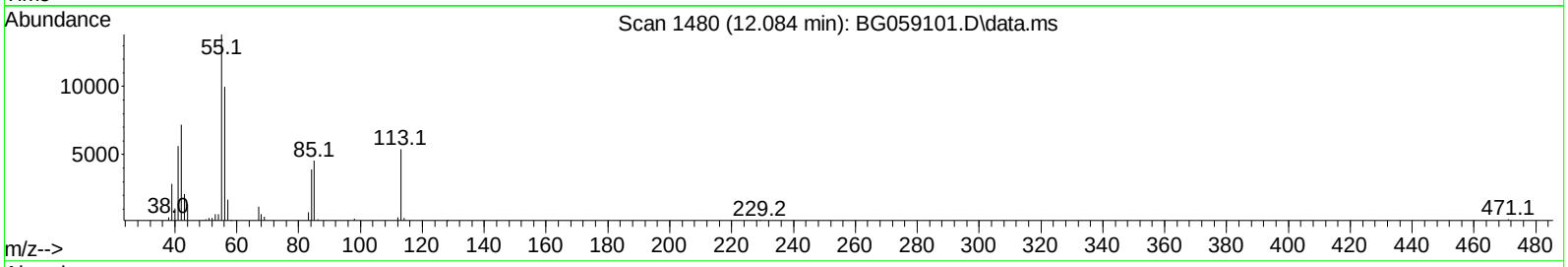

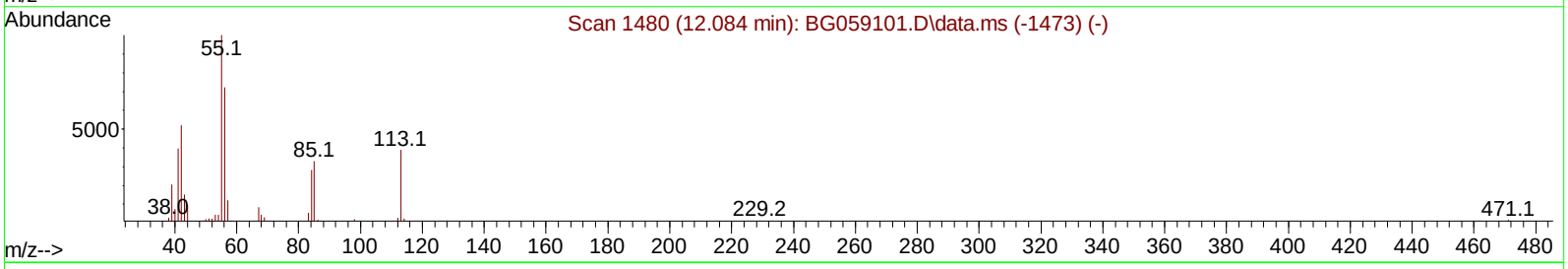

TIC: BG059101.D\data.ms

(34) Caprolactam

12.084min (-0.011) 20.94 ng/ul m

response 17917

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	257.40#
56.00	140.40	185.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
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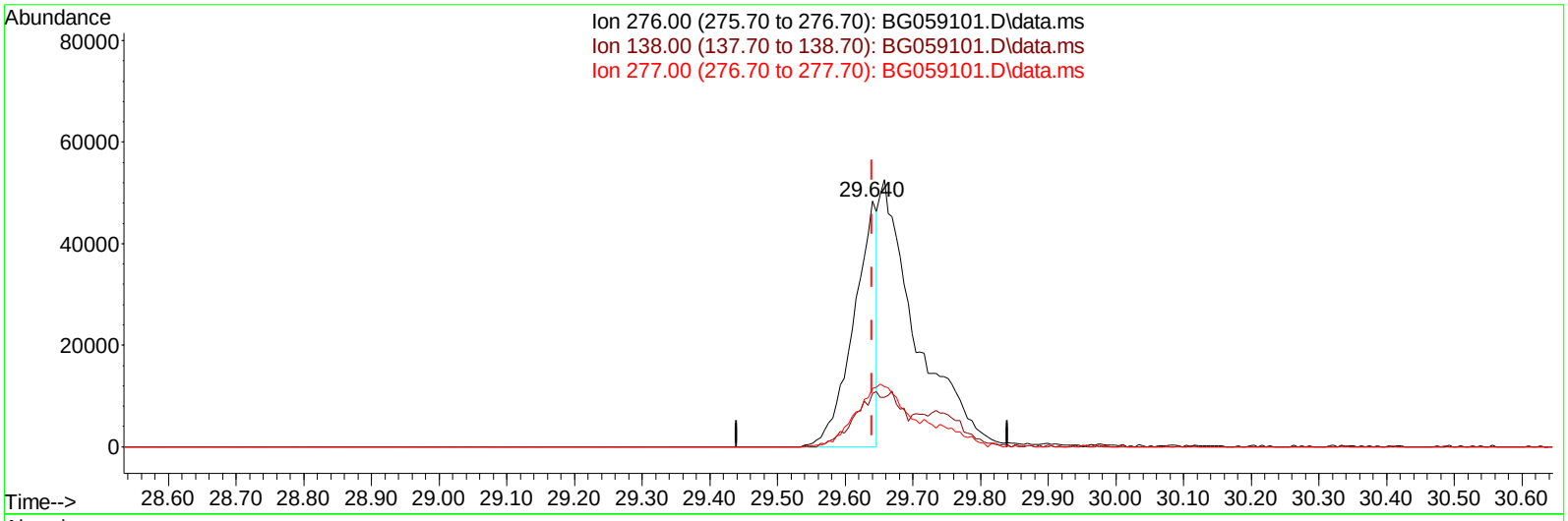

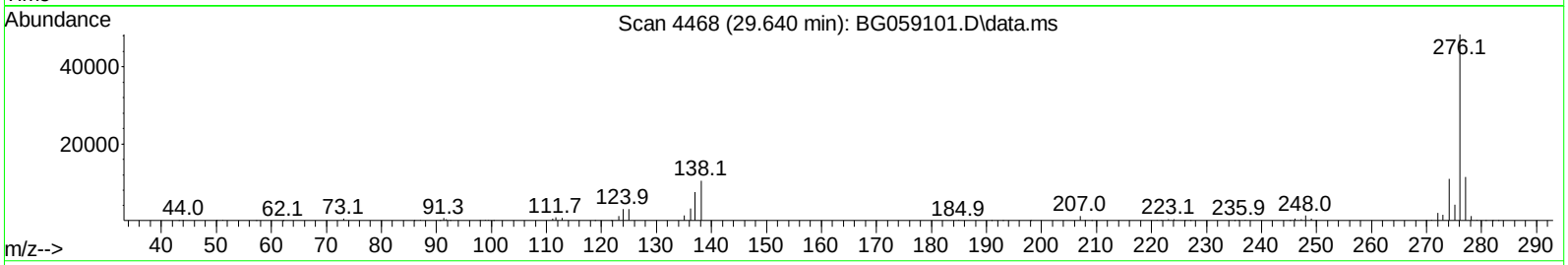

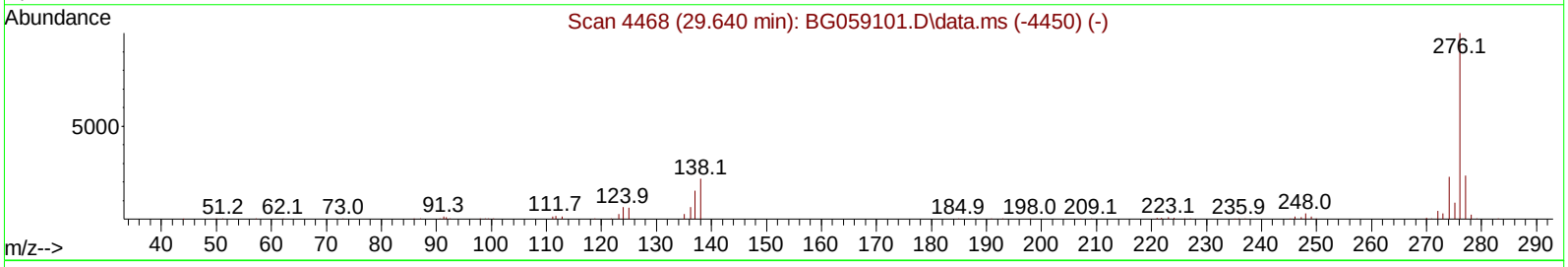

TIC: BG059101.D\data.ms

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

29.640min (+ 0.000) 7.91 ng/ul

response 116661

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	21.75
277.00	25.50	23.64
0.00	0.00	0.00

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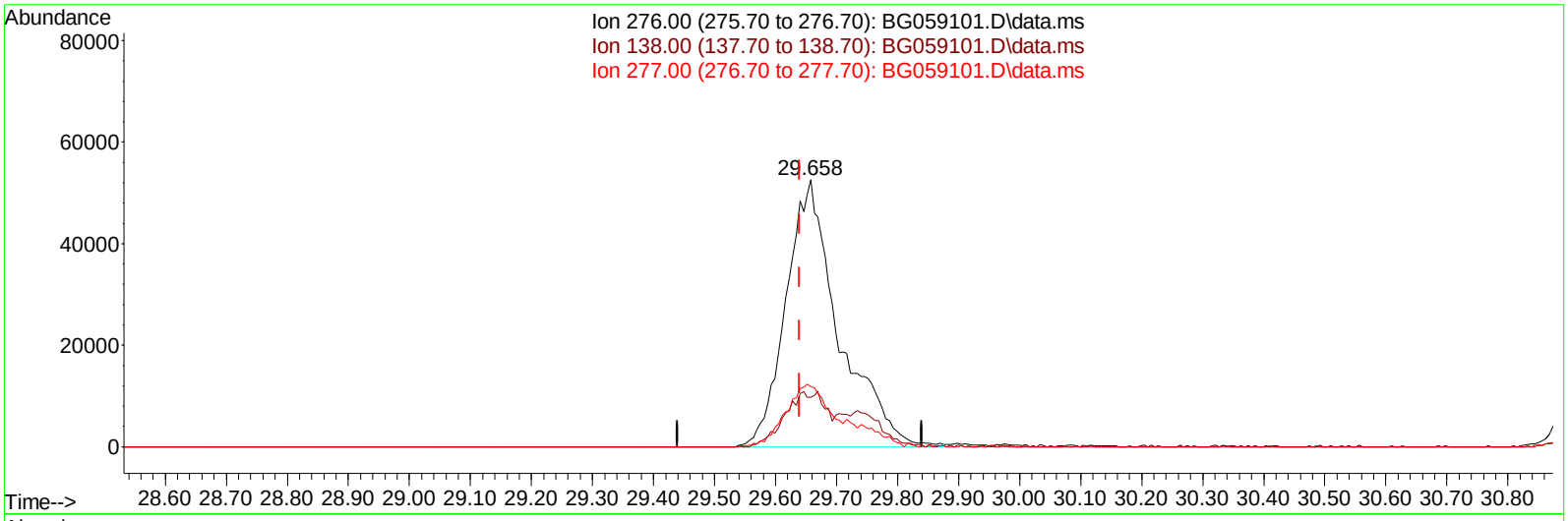

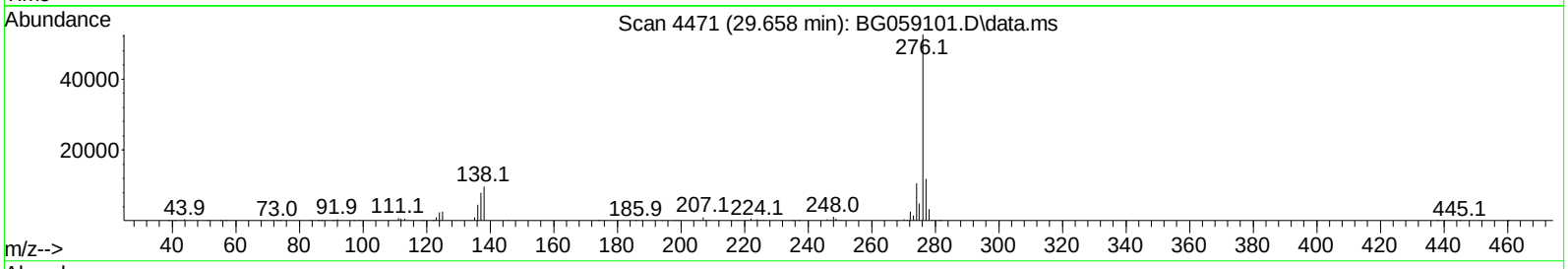

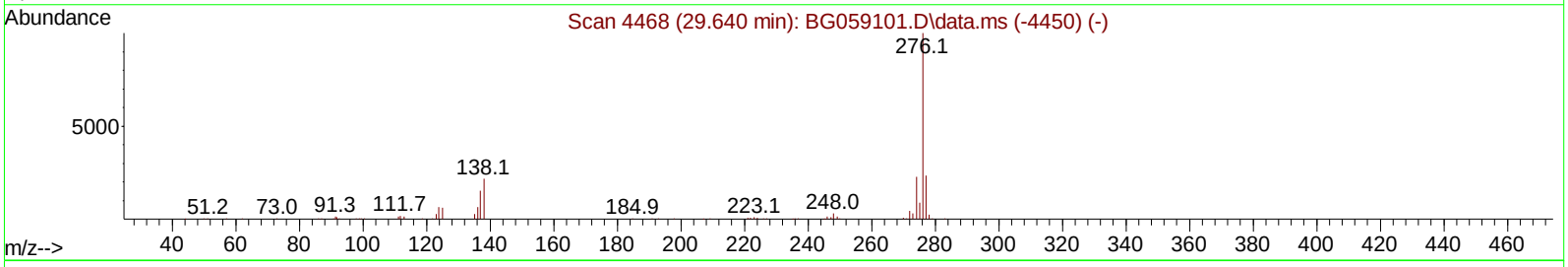

TIC: BG059101.D\data.ms

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

29.658min (+ 0.018) 21.38 ng/ul m

response 315515

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	18.60
277.00	25.50	22.53
0.00	0.00	0.00

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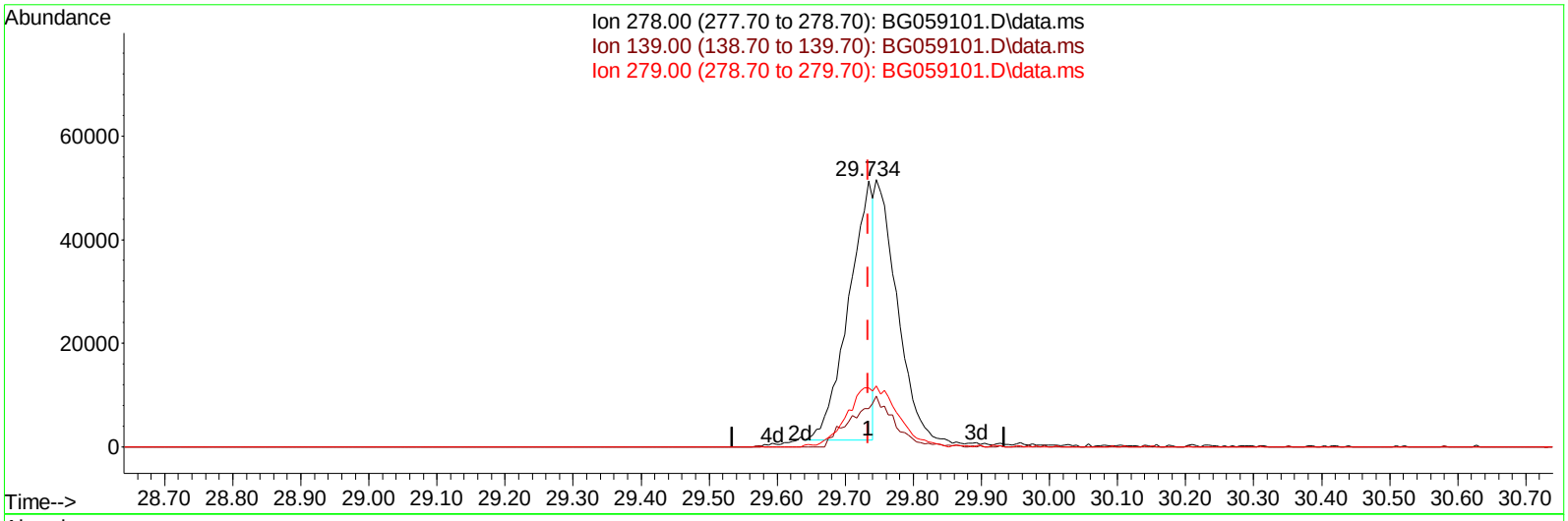

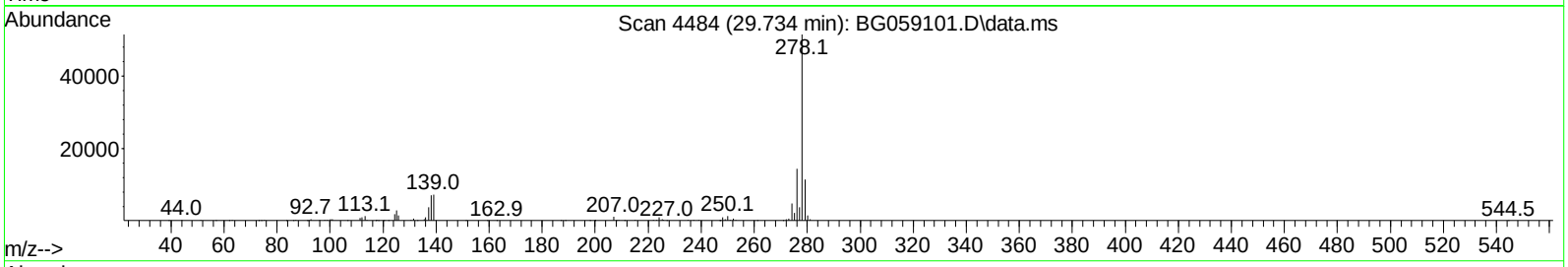

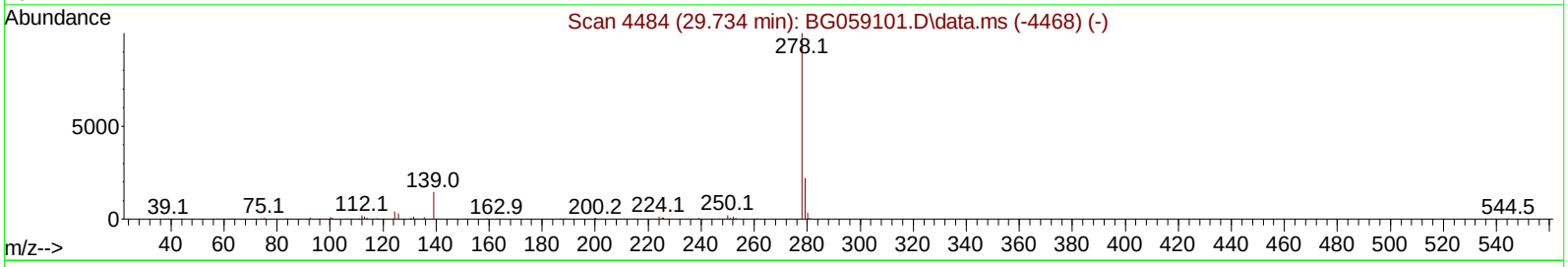

TIC: BG059101.D\data.ms

(95) Dibenzo(a,h)anthracene

29.734min (+ 0.000) 10.54 ng/ul

response 125019

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.20	14.33
279.00	23.70	22.13
0.00	0.00	0.00

Quantitation Report (Qedit)

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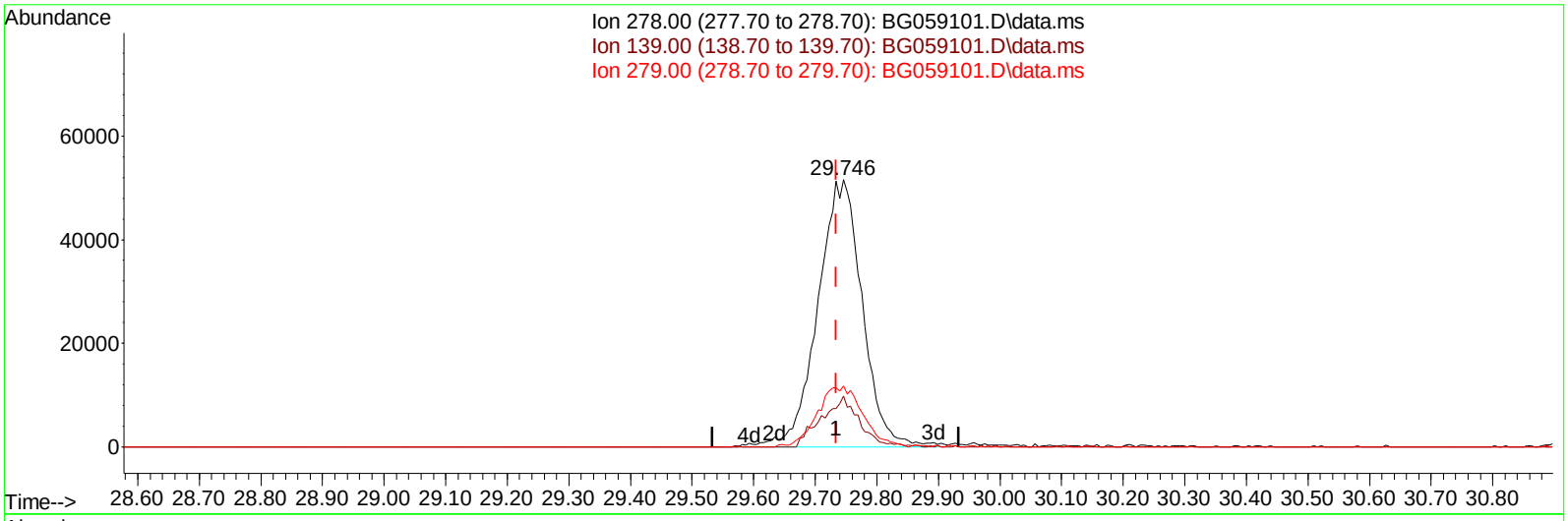
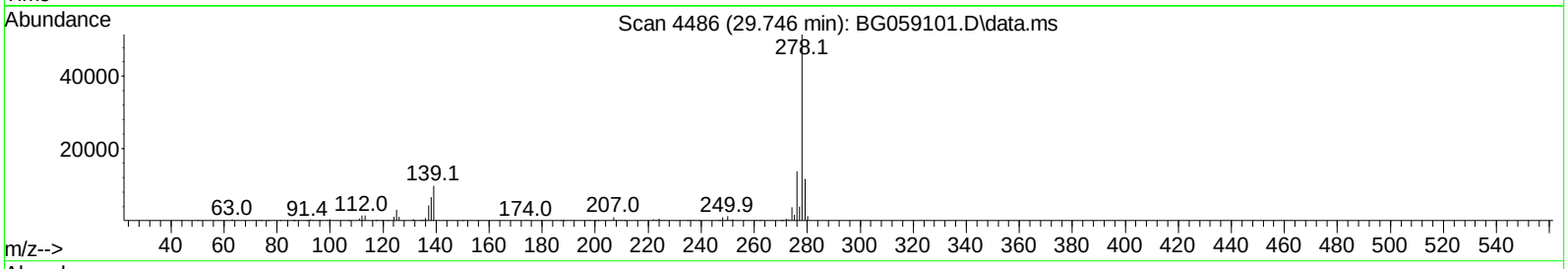
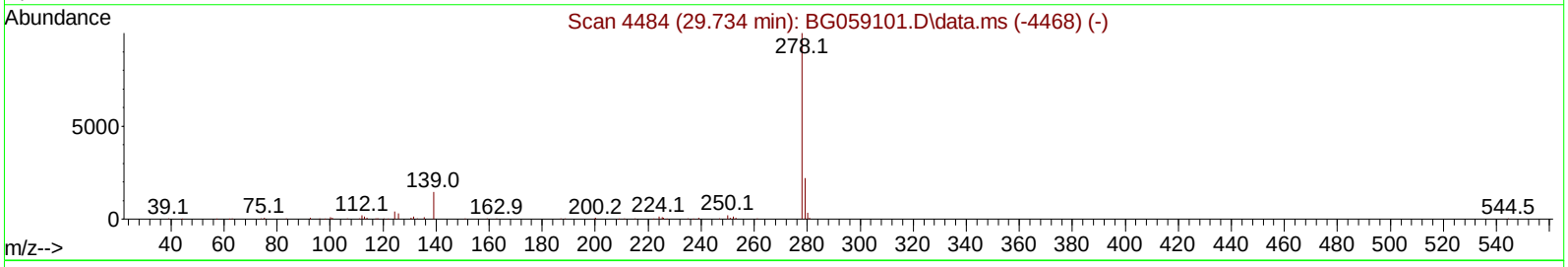
Supervised By :mohammad ahmed 09/21/2023







TIC: BG059101.D\data.ms

(95) Dibenzo(a,h)anthracene

29.746min (+ 0.012) 21.78 ng/ul m

response 258221

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.20	18.97
279.00	23.70	22.71
0.00	0.00	0.00

Quantitation Report (Qedit)

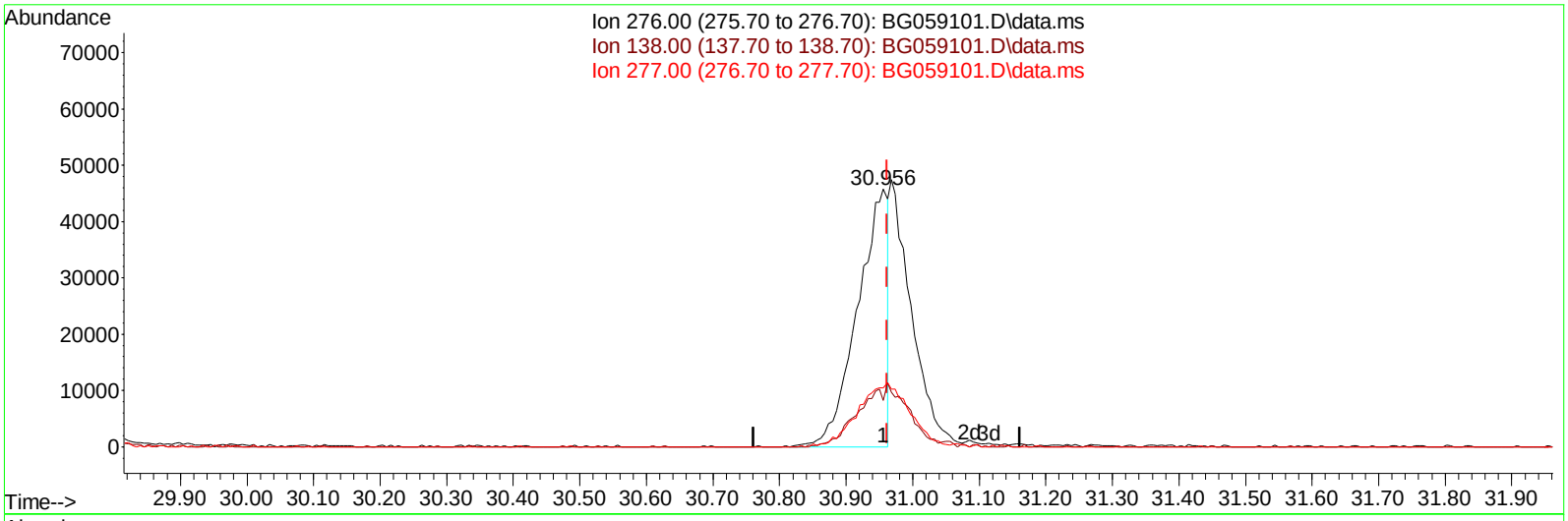
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059101.D
Acq On : 20 Sep 2023 9:20
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

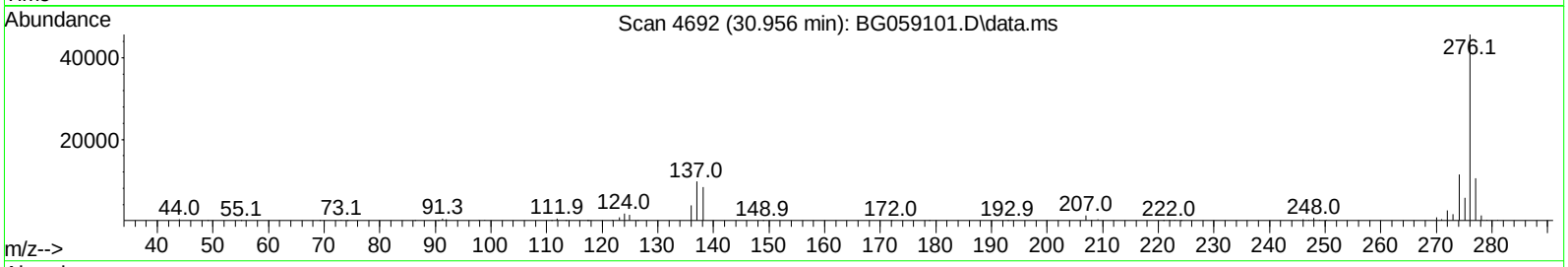
Quant Time: Sep 20 23:56:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

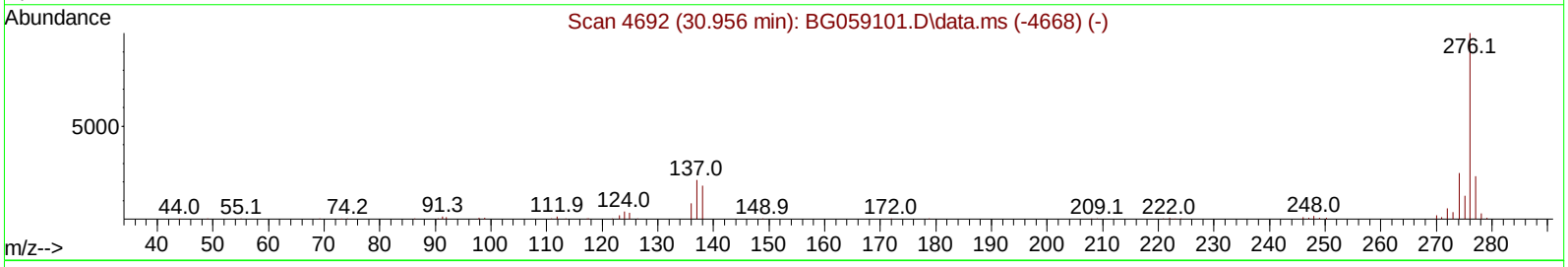
Instrument :
BNA_G
ClientSampleId :
SSTD020563

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023







TIC: BG059101.D\data.ms

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

30.956min (-0.006) 12.14 ng/ul

response 144276

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.10	18.10
277.00	24.10	22.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
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Acq On : 20 Sep 2023 9:20
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 20 23:56:01 2023
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Quant Title : SVOA CALIBRATION
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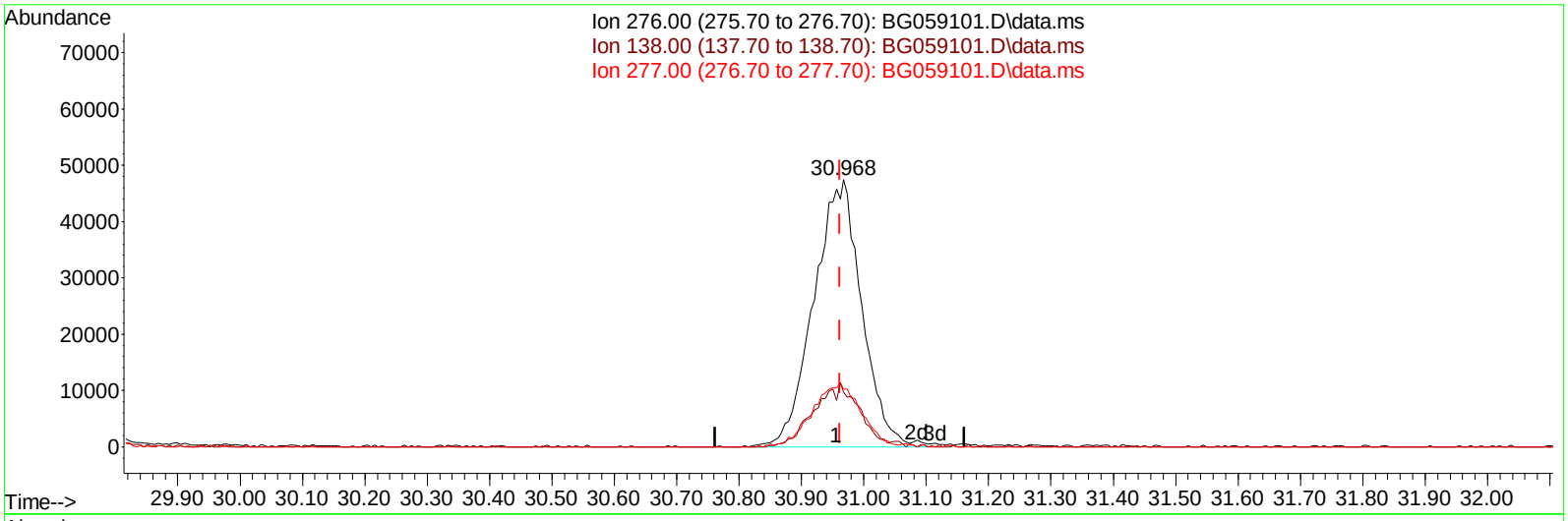
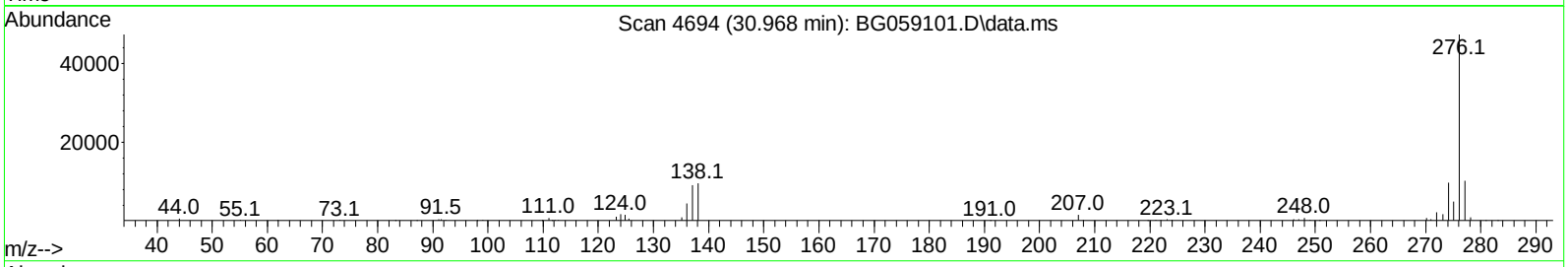
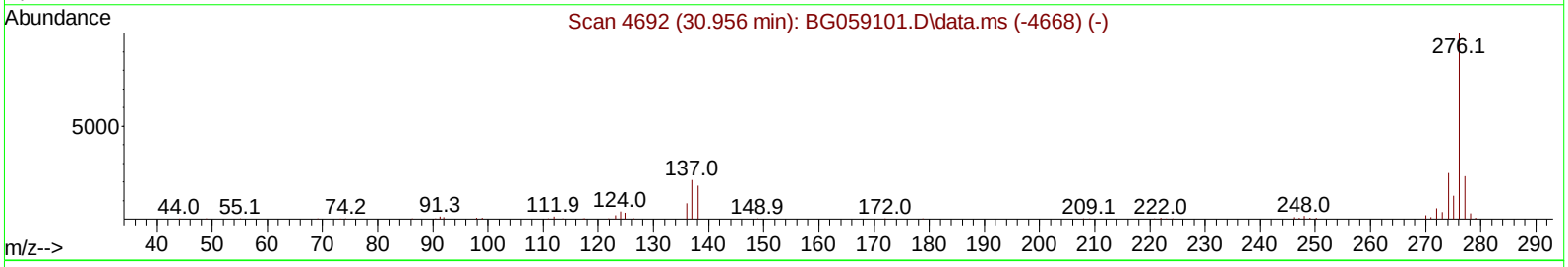
Instrument :
BNA_G
ClientSampleId :
SSTD020563

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023







TIC: BG059101.D\data.ms

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

30.968min (+ 0.006) 21.27 ng/ul m

response 252843

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.10	20.39
277.00	24.10	21.67
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059101.D
Acq On : 20 Sep 2023 9:20
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 21 00:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020563

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	30823	20.000	ng/ul	0.00
20) Naphthalene-d8	11.138	136	156200	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.928	164	100157	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.678	188	221202	20.000	ng/ul	0.00
79) Chrysene-d12	21.996	240	192027	20.000	ng/ul	0.00
88) Perylene-d12	25.557	264	221538	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	6543	8.309	ng/uL	-0.01
4) Pyridine-d5	4.035	84	50043	21.662	ng/ul	-0.01
7) Phenol-d5	7.407	99	61736	20.370	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.613	67	40771	21.921	ng/ul	0.00
11) 2-Chlorophenol-d4	7.813	132	48906	21.866	ng/ul	0.00
15) 4-Methylphenol-d8	8.982	113	51583	21.370	ng/ul	0.00
21) Nitrobenzene-d5	9.493	128	25087	20.814	ng/ul	0.00
24) 2-Nitrophenol-d4	10.210	143	26272	21.577	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.733	165	49746	21.520	ng/ul	0.00
31) 4-Chloroaniline-d4	11.285	131	75459	20.915	ng/ul	0.00
46) Dimethylphthalate-d6	14.323	166	162805	21.136	ng/ul	0.00
49) Acenaphthylene-d8	14.628	160	196532	20.954	ng/ul	0.00
54) 4-Nitrophenol-d4	15.098	143	27863	19.826	ng/ul	0.00
60) Fluorene-d10	15.915	176	152429	21.619	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.021	200	26347	20.950	ng/ul	0.00
73) Anthracene-d10	17.777	188	222645	22.121	ng/ul	0.00
81) Pyrene-d10	20.051	212	245437	21.867	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.298	264	234452	21.673	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.647	88	6266	7.037	ng/uL#	82
5) Pyridine	4.058	79	49281	20.935	ng/ul	92
6) Benzaldehyde	7.442	77	38581	24.550	ng/ul	92
8) Phenol	7.431	94	64190	20.606	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.707	93	54957	21.973	ng/ul	95
12) 2-Chlorophenol	7.842	128	48921	21.438	ng/ul	97
13) 2-Methylphenol	8.712	108	48611	21.027	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.806	45	116886	22.509	ng/ul	98
16) Acetophenone	9.141	105	80745	21.728	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.099	70	40237	21.419	ng/ul#	98
18) 4-Methylphenol	9.041	108	54306	21.920	ng/ul	87
19) Hexachloroethane	9.381	117	19040	21.222	ng/ul	87
22) Nitrobenzene	9.534	77	56899	20.846	ng/ul	97
23) Isophorone	10.039	82	126679	21.644	ng/ul	99
25) 2-Nitrophenol	10.245	139	29235	21.485	ng/ul	97
26) 2,4-Dimethylphenol	10.269	107	55448	21.795	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.527	93	77285	21.225	ng/ul	96
29) 2,4-Dichlorophenol	10.762	162	49729	21.281	ng/ul	93
30) Naphthalene	11.191	128	177515	21.238	ng/ul	99
32) 4-Chloroaniline	11.309	127	74020	20.842	ng/ul	99
33) Hexachlorobutadiene	11.420	225	33740	22.433	ng/ul#	79
34) Caprolactam	12.084	113	17917m	20.937	ng/ul	
35) 4-Chloro-3-methylphenol	12.378	107	52992	21.530	ng/ul	96

Quantitation Report (QT Reviewed)

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Data File : BG059101.D
Acq On : 20 Sep 2023 9:20
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 21 00:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020563

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.777	142	119407	21.390	ng/ul	96
37) 1-Methylnaphthalene	12.989	142	121607	21.565	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.118	216	64494	21.965	ng/ul	94
40) Hexachlorocyclopentadiene	13.071	237	39740	21.229	ng/ul	99
41) 2,4,6-Trichlorophenol	13.359	196	41118	21.445	ng/ul	93
42) 2,4,5-Trichlorophenol	13.424	196	44297	21.358	ng/ul	95
43) 1,1'-Biphenyl	13.765	154	174492	21.827	ng/ul	95
44) 2-Chloronaphthalene	13.817	162	129699	21.248	ng/ul	95
45) 2-Nitroaniline	14.029	65	39829	20.584	ng/ul	99
47) Dimethylphthalate	14.370	163	167704	21.316	ng/ul	98
48) 2,6-Dinitrotoluene	14.517	165	31153	21.428	ng/ul	94
50) Acenaphthylene	14.658	152	210784	21.041	ng/ul	99
51) 3-Nitroaniline	14.846	138	33793	21.066	ng/ul	97
52) Acenaphthene	14.992	153	142690	21.004	ng/ul	100
53) 2,4-Dinitrophenol	15.045	184	15598	17.806	ng/ul#	88
55) 4-Nitrophenol	15.110	109	19818	21.337	ng/ul	91
56) Dibenzofuran	15.322	168	195420	21.687	ng/ul	97
57) 2,4-Dinitrotoluene	15.286	165	44019	21.001	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.527	232	40754	21.228	ng/ul#	87
59) Diethylphthalate	15.715	149	162227	20.926	ng/ul	100
61) Fluorene	15.968	166	160611	20.874	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.956	204	81788	21.418	ng/ul	96
63) 4-Nitroaniline	16.009	138	31352	21.084	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	16.038	198	27267	20.116	ng/ul#	99
67) N-Nitrosodiphenylamine	16.173	169	132401	22.482	ng/ul	100
68) 4-Bromophenyl-phenylether	16.855	248	48059	22.331	ng/ul	95
69) Hexachlorobenzene	16.943	284	53584	21.737	ng/ul	99
70) Atrazine	17.108	200	51508	21.981	ng/ul	98
71) Pentachlorophenol	17.302	266	32356	20.207	ng/ul	91
72) Phenanthrene	17.719	178	269895	21.803	ng/ul	98
74) Anthracene	17.813	178	282781	22.357	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.723	216	68844	23.344	ng/uL	88
76) Pentachlorobenzene	15.216	250	61995	22.727	ng/uL	93
77) Carbazole	18.089	167	227623	21.646	ng/ul	98
78) Di-n-butylphthalate	18.594	149	272990	21.073	ng/ul	99
80) Fluoranthene	19.710	202	302148	21.603	ng/ul	98
82) Pyrene	20.081	202	319729	21.915	ng/ul	97
83) Butylbenzylphthalate	20.938	149	107607	20.419	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.890	252	102105	22.004	ng/ul	97
85) Benzo(a)anthracene	21.978	228	292647	20.991	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.814	149	166845	21.161	ng/ul	98
87) Chrysene	22.049	228	273899	21.066	ng/ul	99
89) Di-n-octyl phthalate	23.136	149	278229	20.542	ng/ul	100
90) Benzo(b)fluoranthene	24.393	252	289953	21.479	ng/ul	99
91) Benzo(k)fluoranthene	24.475	252	299522	21.400	ng/ul	100
93) Benzo(a)pyrene	25.374	252	277328	21.376	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.658	276	315515m	21.383	ng/ul	
95) Dibenzo(a,h)anthracene	29.746	278	258221m	21.777	ng/ul	
96) Benzo(g,h,i)perylene	30.968	276	252843m	21.272	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
SSTD020563

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059101.D
Acq On : 20 Sep 2023 9:20
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 21 00:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
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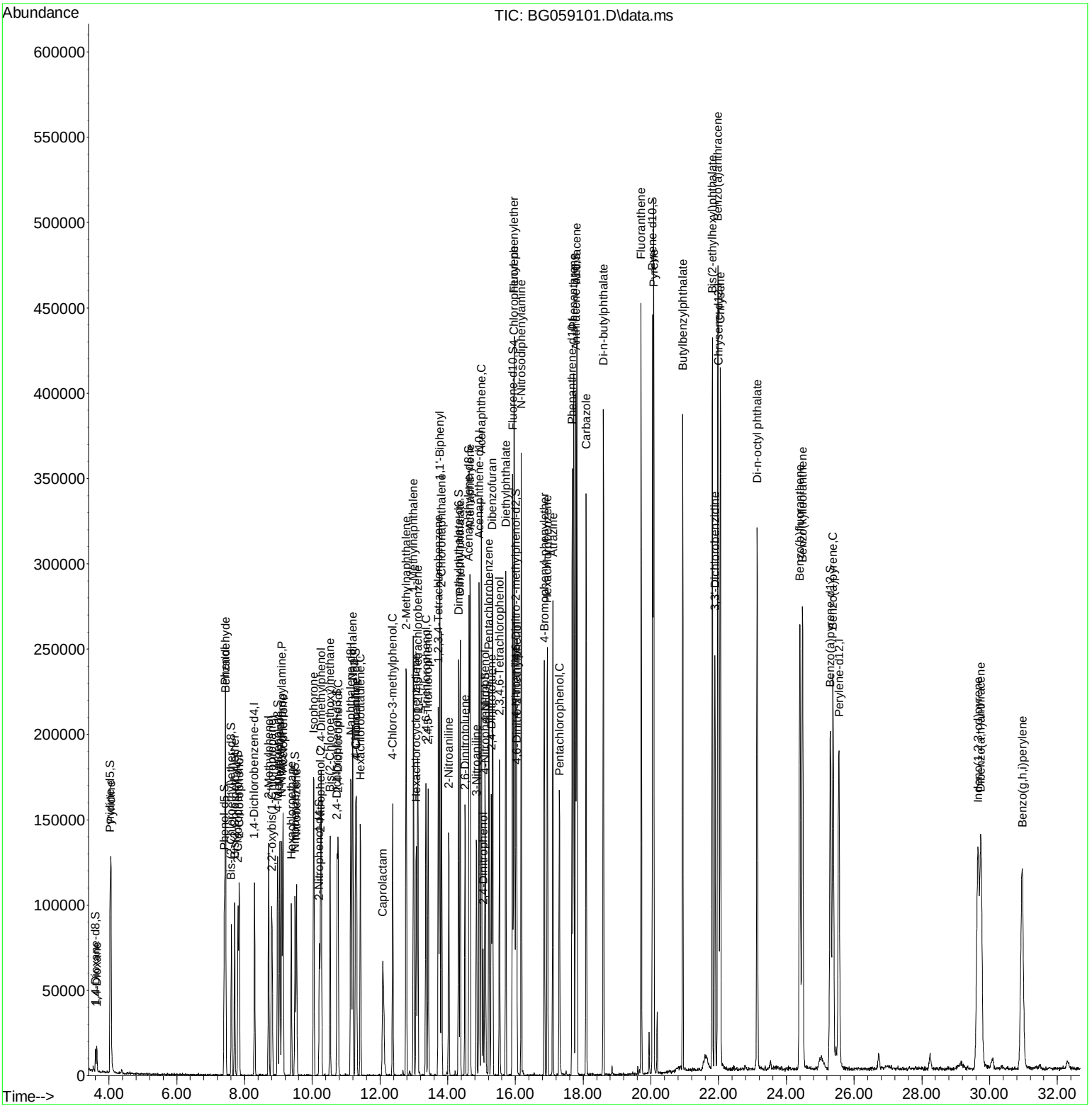

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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	30823	20.000	ng/ul	0.00
20) Naphthalene-d8	11.138	136	156200	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.928	164	100157	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.678	188	221202	20.000	ng/ul	0.00
79) Chrysene-d12	21.996	240	192027	20.000	ng/ul	0.00
88) Perylene-d12	25.557	264	221538	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	6543	8.309	ng/uL	-0.01
4) Pyridine-d5	4.035	84	50043	21.662	ng/ul	-0.01
7) Phenol-d5	7.407	99	61736	20.370	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.613	67	40771	21.921	ng/ul	0.00
11) 2-Chlorophenol-d4	7.813	132	48906	21.866	ng/ul	0.00
15) 4-Methylphenol-d8	8.982	113	51583	21.370	ng/ul	0.00
21) Nitrobenzene-d5	9.493	128	25087	20.814	ng/ul	0.00
24) 2-Nitrophenol-d4	10.210	143	26272	21.577	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.733	165	49746	21.520	ng/ul	0.00
31) 4-Chloroaniline-d4	11.285	131	75459	20.915	ng/ul	0.00
46) Dimethylphthalate-d6	14.323	166	162805	21.136	ng/ul	0.00
49) Acenaphthylene-d8	14.628	160	196532	20.954	ng/ul	0.00
54) 4-Nitrophenol-d4	15.098	143	27863	19.826	ng/ul	0.00
60) Fluorene-d10	15.915	176	152429	21.619	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.021	200	26347	20.950	ng/ul	0.00
73) Anthracene-d10	17.777	188	222645	22.121	ng/ul	0.00
81) Pyrene-d10	20.051	212	245437	21.867	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.298	264	234452	21.673	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.647	88	6266	7.037	ng/uL#	82
5) Pyridine	4.058	79	49281	20.935	ng/ul	92
6) Benzaldehyde	7.442	77	38581	24.550	ng/ul	92
8) Phenol	7.431	94	64190	20.606	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.707	93	54957	21.973	ng/ul	95
12) 2-Chlorophenol	7.842	128	48921	21.438	ng/ul	97
13) 2-Methylphenol	8.712	108	48611	21.027	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.806	45	116886	22.509	ng/ul	98
16) Acetophenone	9.141	105	80745	21.728	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.099	70	40237	21.419	ng/ul#	98
18) 4-Methylphenol	9.041	108	54306	21.920	ng/ul	87
19) Hexachloroethane	9.381	117	19040	21.222	ng/ul	87
22) Nitrobenzene	9.534	77	56899	20.846	ng/ul	97
23) Isophorone	10.039	82	126679	21.644	ng/ul	99
25) 2-Nitrophenol	10.245	139	29235	21.485	ng/ul	97
26) 2,4-Dimethylphenol	10.269	107	55448	21.795	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.527	93	77285	21.225	ng/ul	96
29) 2,4-Dichlorophenol	10.762	162	49729	21.281	ng/ul	93
30) Naphthalene	11.191	128	177515	21.238	ng/ul	99
32) 4-Chloroaniline	11.309	127	74020	20.842	ng/ul	99
33) Hexachlorobutadiene	11.420	225	33740	22.433	ng/ul#	79
34) Caprolactam	12.084	113	17917m	20.937	ng/ul	
35) 4-Chloro-3-methylphenol	12.378	107	52992	21.530	ng/ul	96
36) 2-Methylnaphthalene	12.777	142	119407	21.390	ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
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Sample : SSTDCCC020
Misc :
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Quant Time: Sep 21 00:03:19 2023
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SSTD020563

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.989	142	121607	21.565	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.118	216	64494	21.965	ng/ul	94
40) Hexachlorocyclopentadiene	13.071	237	39740	21.229	ng/ul	99
41) 2,4,6-Trichlorophenol	13.359	196	41118	21.445	ng/ul	93
42) 2,4,5-Trichlorophenol	13.424	196	44297	21.358	ng/ul	95
43) 1,1'-Biphenyl	13.765	154	174492	21.827	ng/ul	95
44) 2-Chloronaphthalene	13.817	162	129699	21.248	ng/ul	95
45) 2-Nitroaniline	14.029	65	39829	20.584	ng/ul	99
47) Dimethylphthalate	14.370	163	167704	21.316	ng/ul	98
48) 2,6-Dinitrotoluene	14.517	165	31153	21.428	ng/ul	94
50) Acenaphthylene	14.658	152	210784	21.041	ng/ul	99
51) 3-Nitroaniline	14.846	138	33793	21.066	ng/ul	97
52) Acenaphthene	14.992	153	142690	21.004	ng/ul	100
53) 2,4-Dinitrophenol	15.045	184	15598	17.806	ng/ul#	88
55) 4-Nitrophenol	15.110	109	19818	21.337	ng/ul	91
56) Dibenzofuran	15.322	168	195420	21.687	ng/ul	97
57) 2,4-Dinitrotoluene	15.286	165	44019	21.001	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.527	232	40754	21.228	ng/ul#	87
59) Diethylphthalate	15.715	149	162227	20.926	ng/ul	100
61) Fluorene	15.968	166	160611	20.874	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.956	204	81788	21.418	ng/ul	96
63) 4-Nitroaniline	16.009	138	31352	21.084	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	16.038	198	27267	20.116	ng/ul#	99
67) N-Nitrosodiphenylamine	16.173	169	132401	22.482	ng/ul	100
68) 4-Bromophenyl-phenylether	16.855	248	48059	22.331	ng/ul	95
69) Hexachlorobenzene	16.943	284	53584	21.737	ng/ul	99
70) Atrazine	17.108	200	51508	21.981	ng/ul	98
71) Pentachlorophenol	17.302	266	32356	20.207	ng/ul	91
72) Phenanthrene	17.719	178	269895	21.803	ng/ul	98
74) Anthracene	17.813	178	282781	22.357	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.723	216	68844	23.344	ng/uL	88
76) Pentachlorobenzene	15.216	250	61995	22.727	ng/uL	93
77) Carbazole	18.089	167	227623	21.646	ng/ul	98
78) Di-n-butylphthalate	18.594	149	272990	21.073	ng/ul	99
80) Fluoranthene	19.710	202	302148	21.603	ng/ul	98
82) Pyrene	20.081	202	319729	21.915	ng/ul	97
83) Butylbenzylphthalate	20.938	149	107607	20.419	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.890	252	102105	22.004	ng/ul	97
85) Benzo(a)anthracene	21.978	228	292647	20.991	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.814	149	166845	21.161	ng/ul	98
87) Chrysene	22.049	228	273899	21.066	ng/ul	99
89) Di-n-octyl phthalate	23.136	149	278229	20.542	ng/ul	100
90) Benzo(b)fluoranthene	24.393	252	289953	21.479	ng/ul	99
91) Benzo(k)fluoranthene	24.475	252	299522	21.400	ng/ul	100
93) Benzo(a)pyrene	25.374	252	277328	21.376	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.658	276	315515m	21.383	ng/ul	
95) Dibenzo(a,h)anthracene	29.746	278	258221m	21.777	ng/ul	
96) Benzo(g,h,i)perylene	30.968	276	252843m	21.272	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059101.D
Acq On : 20 Sep 2023 9:20
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 21 00:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020563

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