Quantitation Report (Qedit)

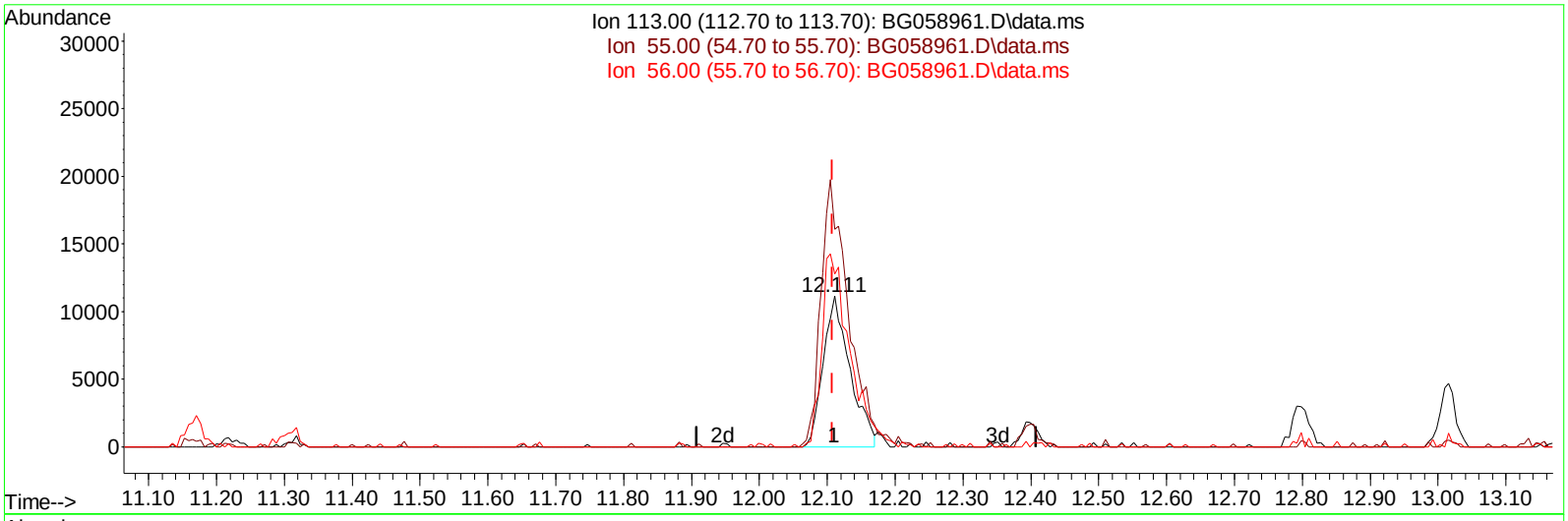
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058961.D
Acq On : 10 Sep 2023 21:36
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 40 Sample Multiplier: 1

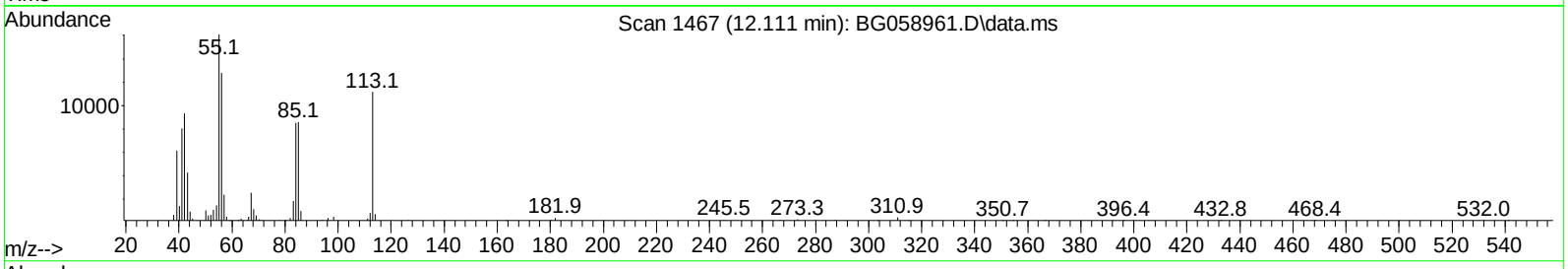
Quant Time: Sep 11 00:08:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

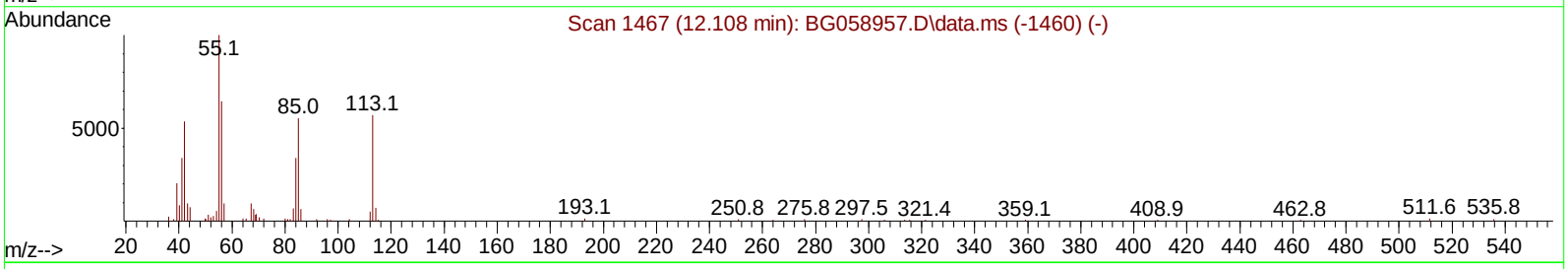
Instrument :
BNA_G
ClientSampleId :
SICV413

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058961.D\data.ms

(34) Caprolactam

12.111min (+ 0.003) 19.73 ng/ul

response 30575

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	144.27
56.00	113.00	114.68
0.00	0.00	0.00

Quantitation Report (Qedit)

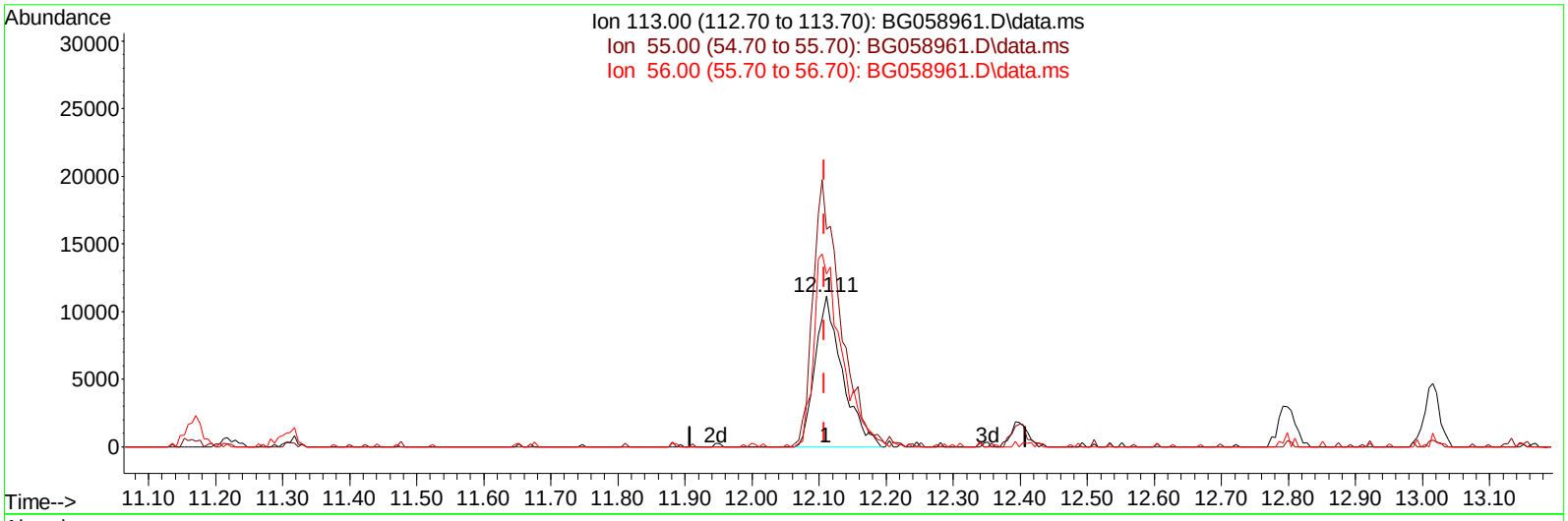
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058961.D
Acq On : 10 Sep 2023 21:36
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 40 Sample Multiplier: 1

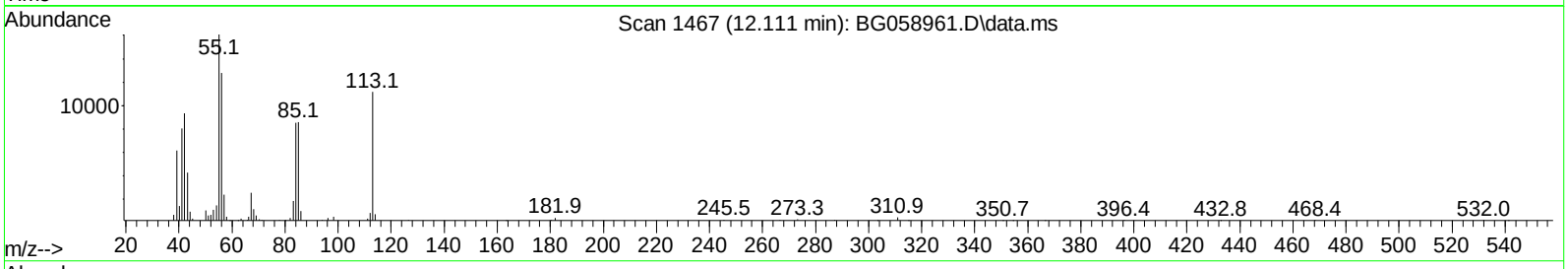
Quant Time: Sep 11 00:08:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

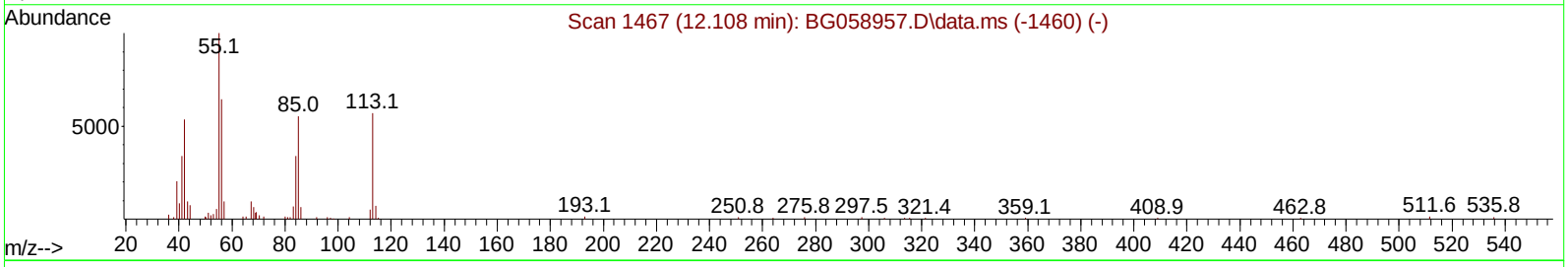
Instrument :
BNA_G
ClientSampleId :
SICV413

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058961.D\data.ms

(34) Caprolactam

12.111min (+ 0.003) 20.24 ng/ul m

response 31360

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	144.27
56.00	113.00	114.68
0.00	0.00	0.00

Quantitation Report (Qedit)

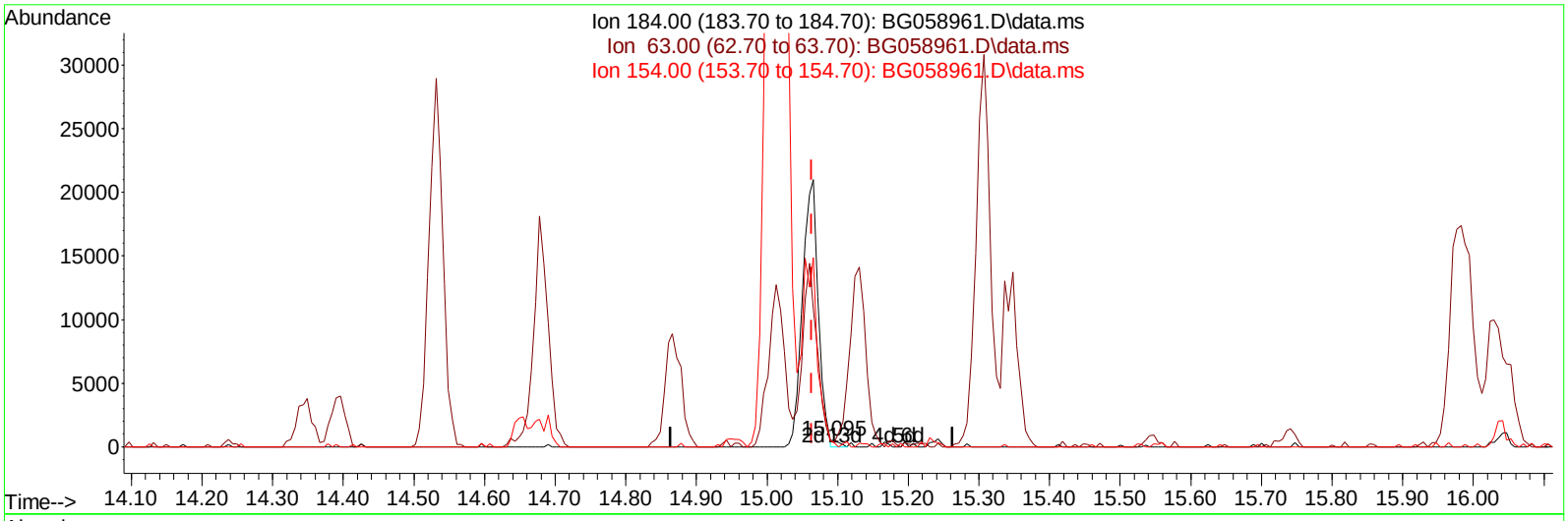
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058961.D
Acq On : 10 Sep 2023 21:36
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 40 Sample Multiplier: 1

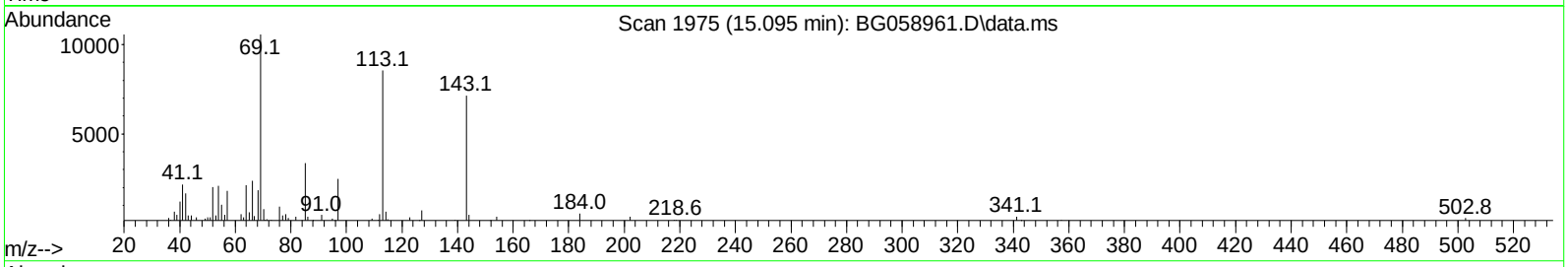
Quant Time: Sep 11 00:08:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

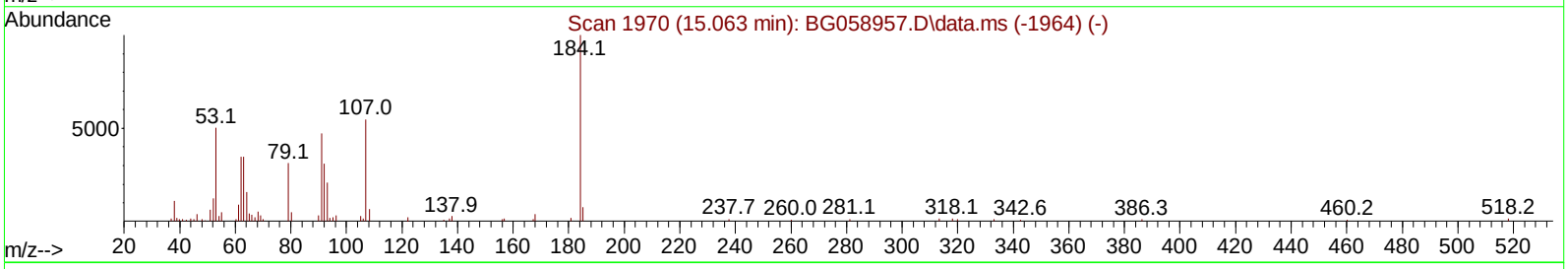
Instrument :
BNA_G
ClientSampleId :
SICV413

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058961.D\data.ms

(53) 2,4-Dinitrophenol

15.095min (+ 0.032) 0.21 ng/ul

response 363

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	72.10	63.93
154.00	75.90	66.22
0.00	0.00	0.00

Quantitation Report (Qedit)

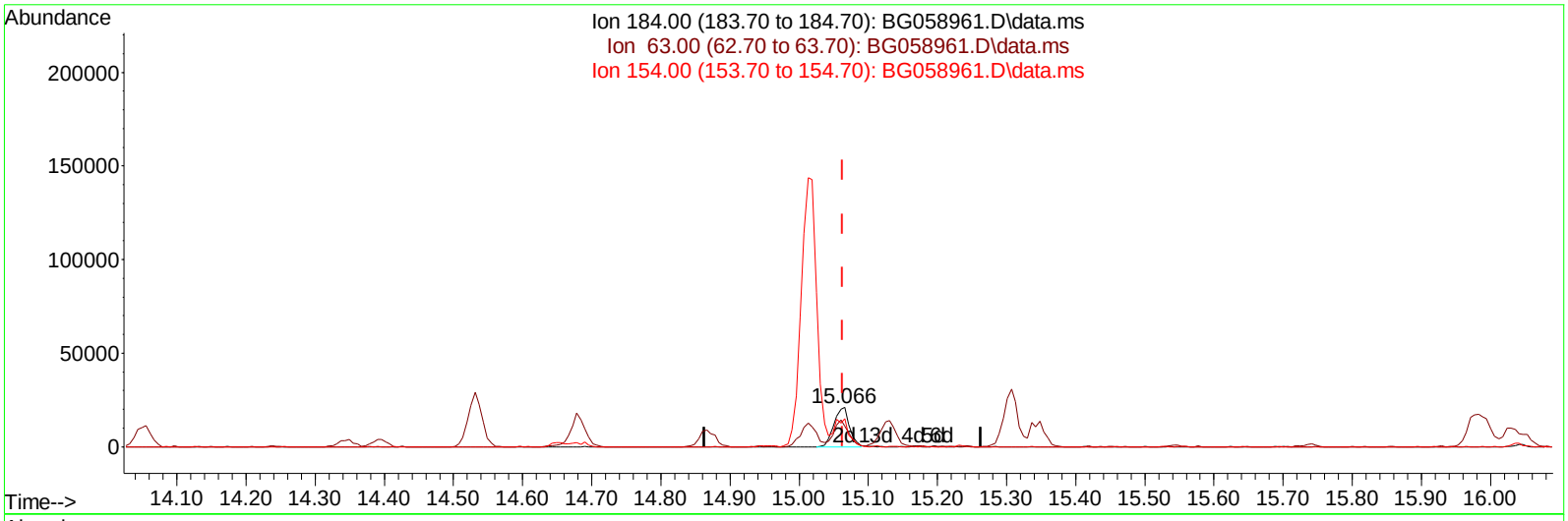
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058961.D
Acq On : 10 Sep 2023 21:36
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 40 Sample Multiplier: 1

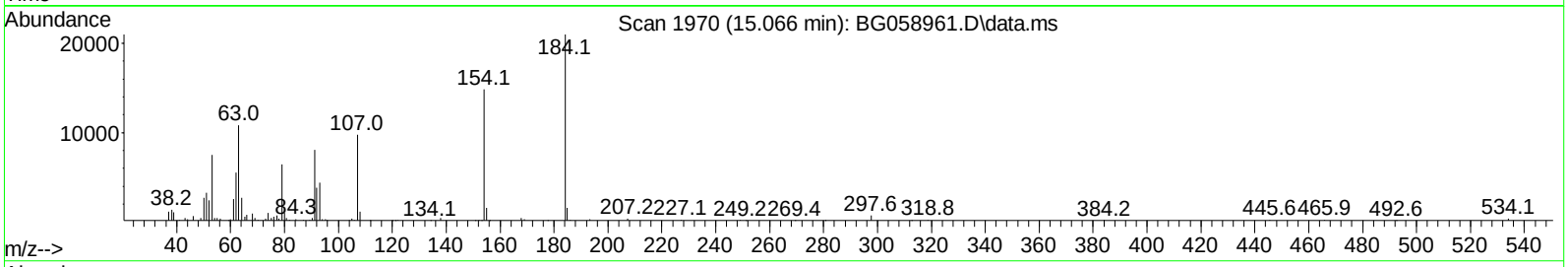
Quant Time: Sep 11 00:08:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

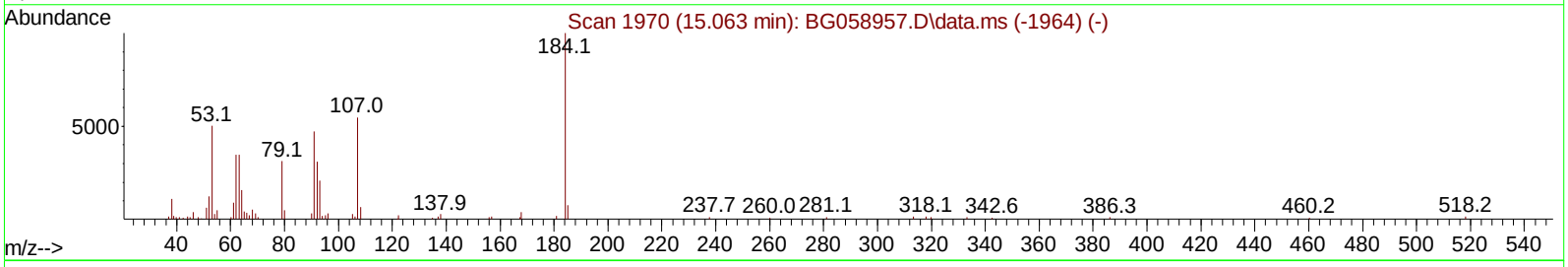
Instrument :
BNA_G
ClientSampleId :
SICV413

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058961.D\data.ms

(53) 2,4-Dinitrophenol

15.066min (+ 0.003) 19.14 ng/ul m

response 32706

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	72.10	51.62#
154.00	75.90	70.86
0.00	0.00	0.00

Quantitation Report (Qedit)

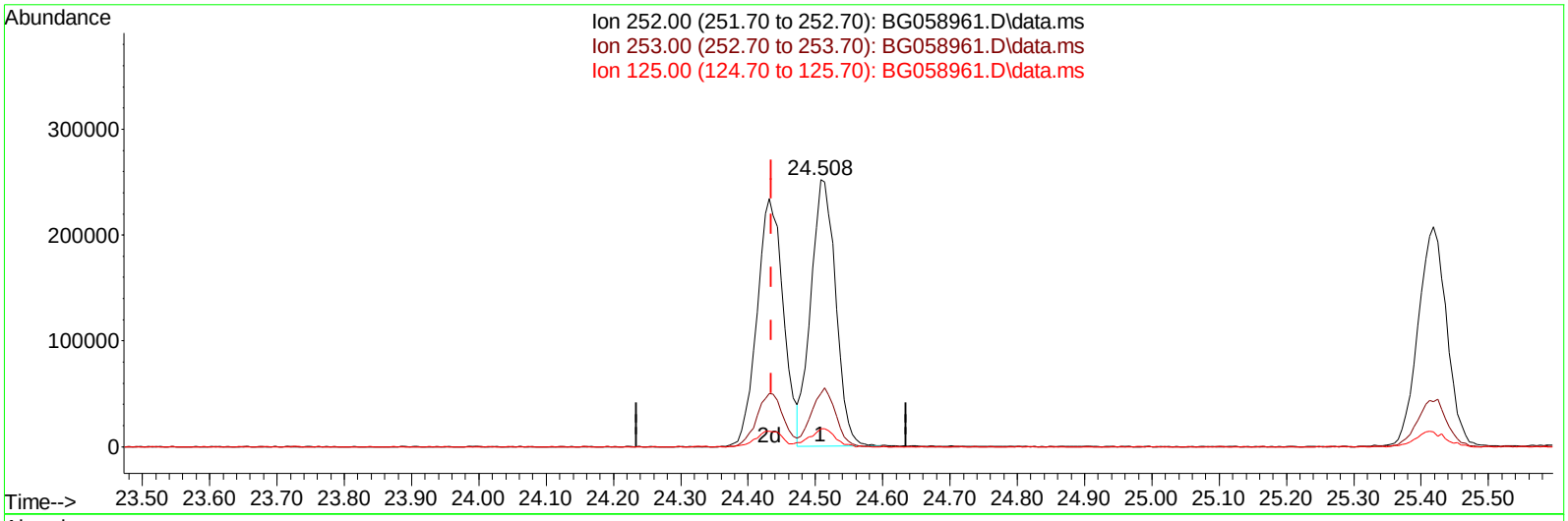
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058961.D
Acq On : 10 Sep 2023 21:36
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 40 Sample Multiplier: 1

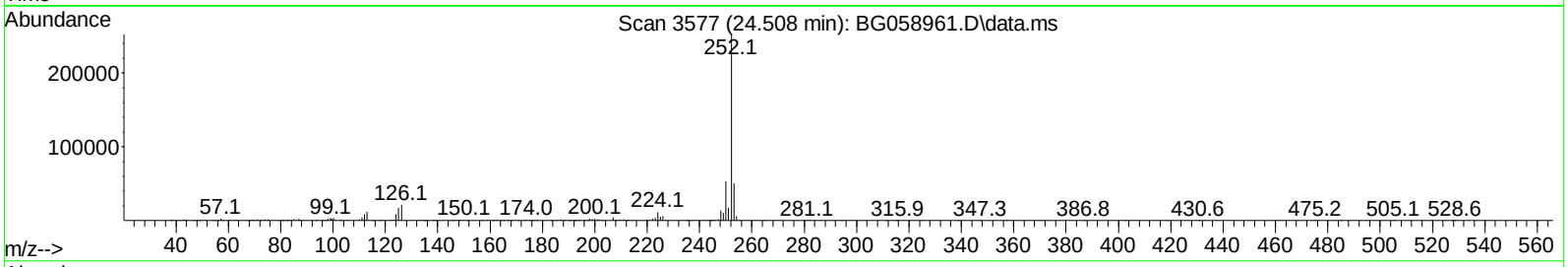
Quant Time: Sep 11 00:08:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

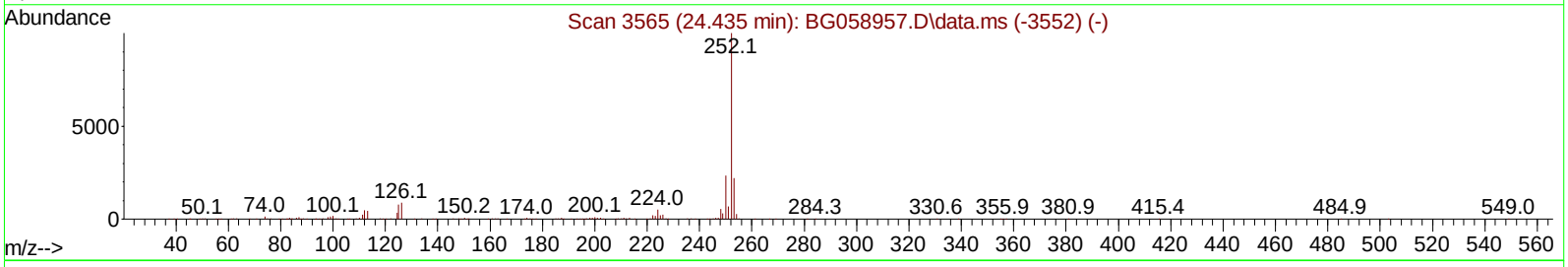
Instrument :
BNA_G
ClientSampleId :
SICV413

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058961.D\data.ms

(90) Benzo(b)fluoranthene

24.508min (+ 0.073) 20.15 ng/ul

response 644129

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	20.05
125.00	7.70	6.78
0.00	0.00	0.00

Quantitation Report (Qedit)

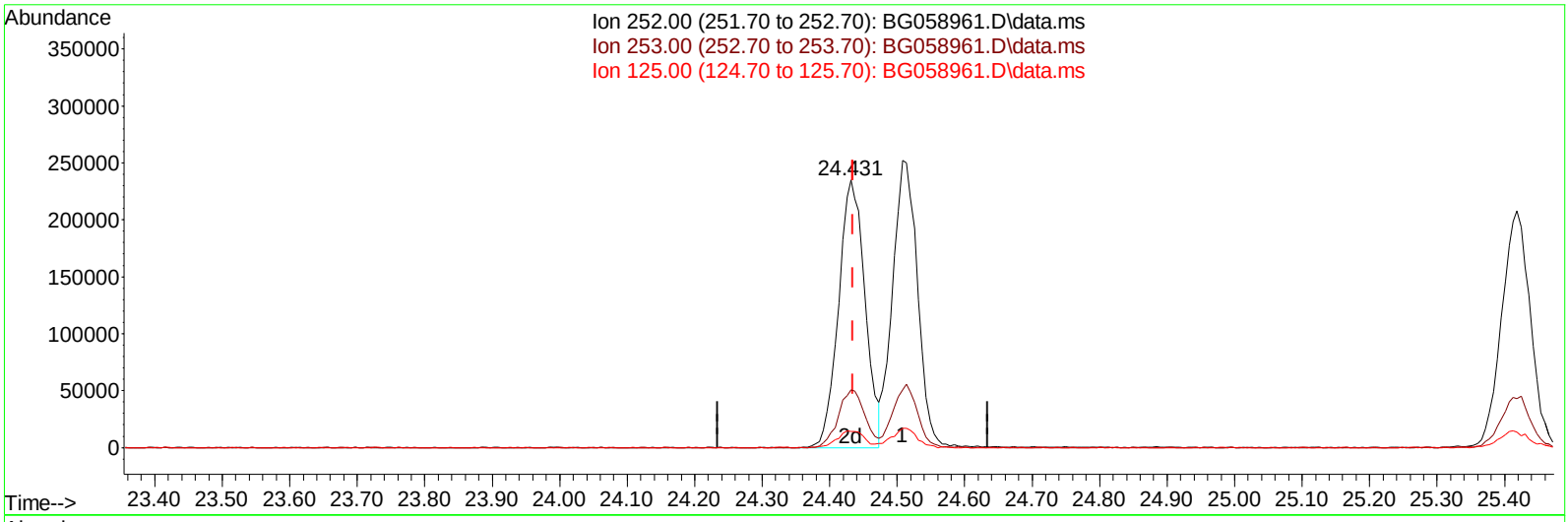
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058961.D
Acq On : 10 Sep 2023 21:36
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 40 Sample Multiplier: 1

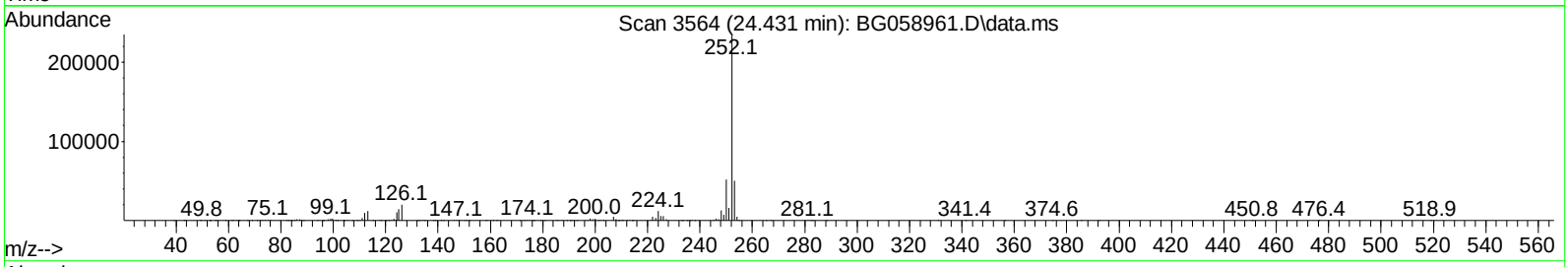
Quant Time: Sep 11 00:08:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

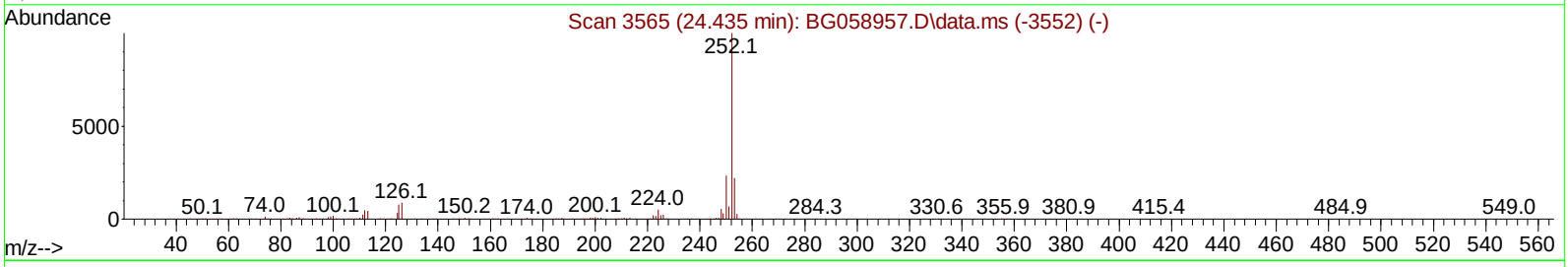
Instrument :
BNA_G
ClientSampleId :
SICV413

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058961.D\data.ms

(90) Benzo(b)fluoranthene

24.431min (-0.003) 20.08 ng/ul m

response 641821

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.52
125.00	7.70	6.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

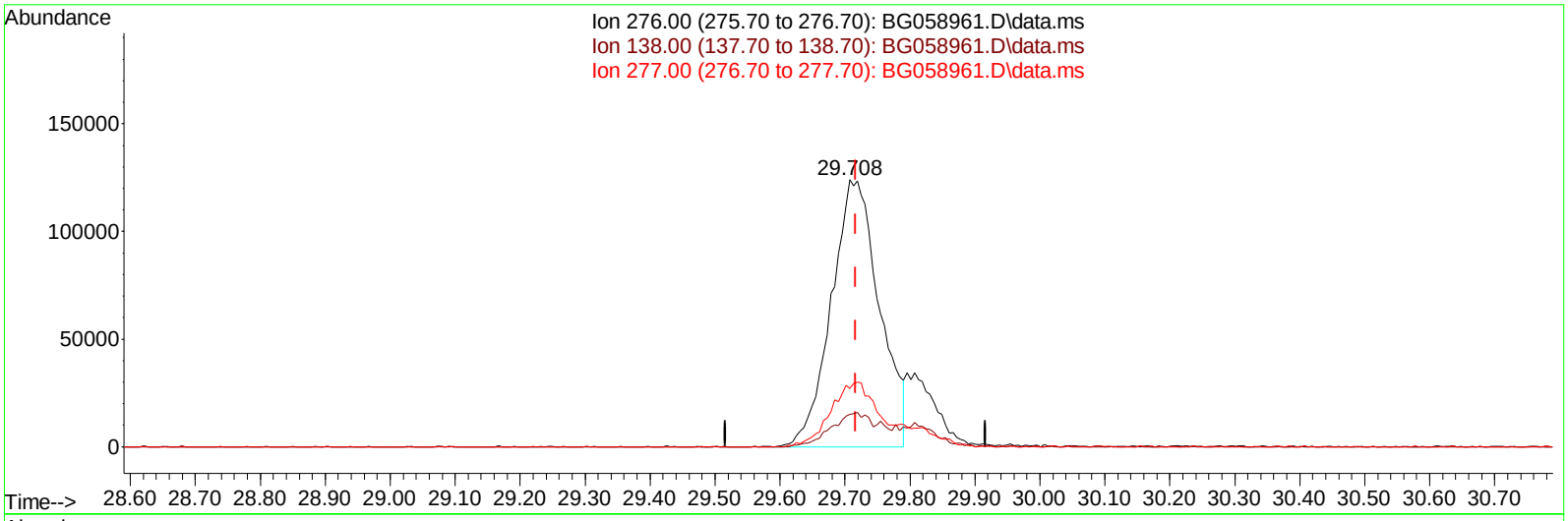
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058961.D
Acq On : 10 Sep 2023 21:36
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 40 Sample Multiplier: 1

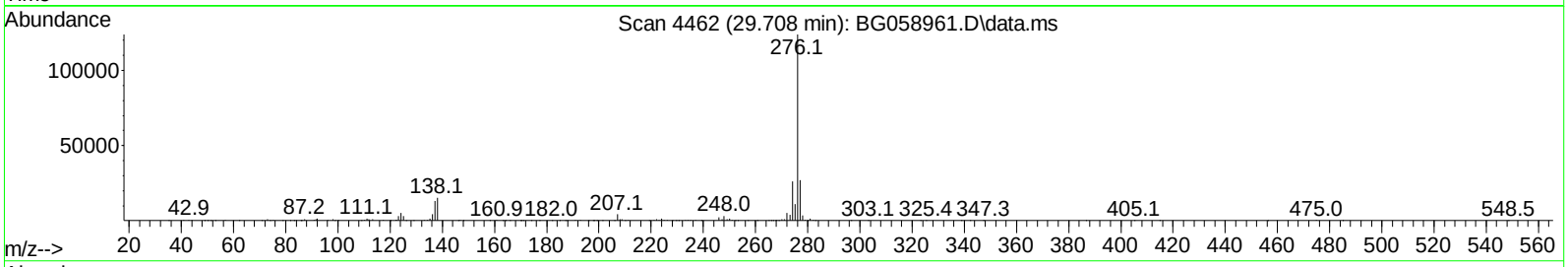
Quant Time: Sep 11 00:08:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

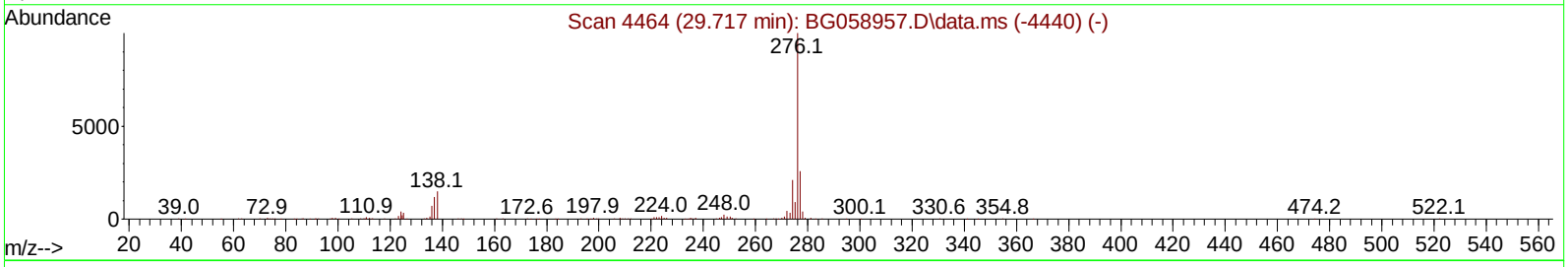
Instrument :
BNA_G
ClientSampleId :
SICV413

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058961.D\data.ms

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

29.708min (-0.009) 16.94 ng/ul

response 638485

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	12.22
277.00	25.90	21.86
0.00	0.00	0.00

Quantitation Report (Qedit)

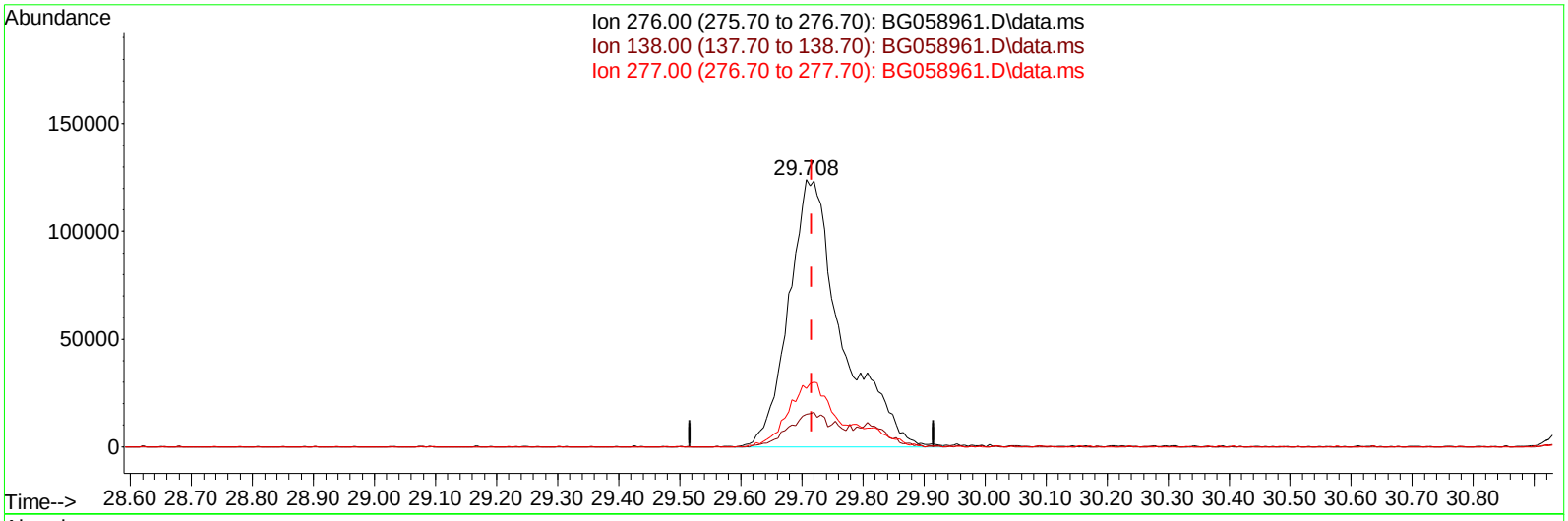
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058961.D
Acq On : 10 Sep 2023 21:36
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 40 Sample Multiplier: 1

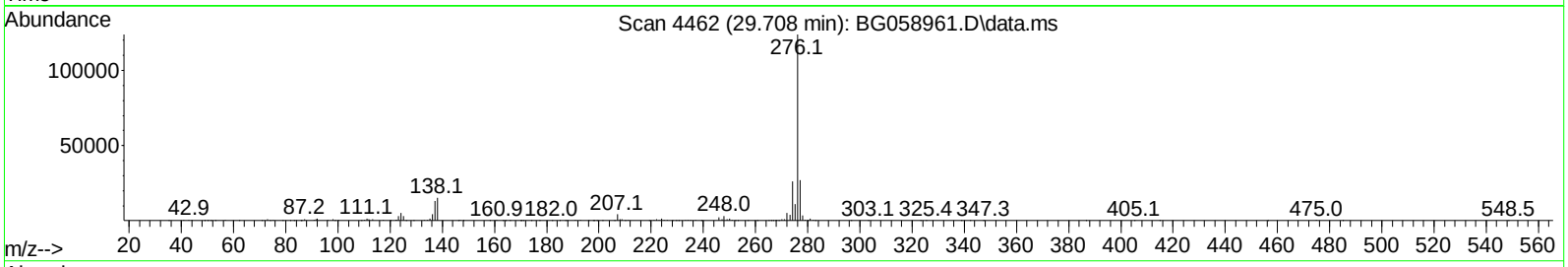
Quant Time: Sep 11 00:08:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

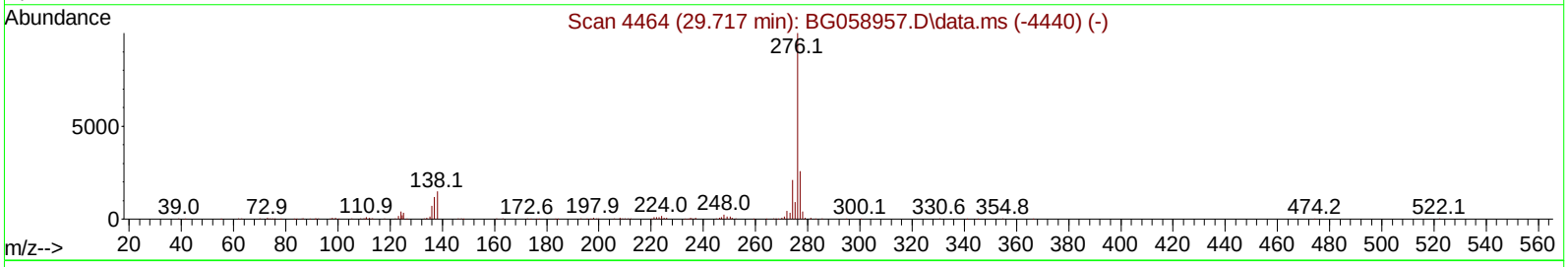
Instrument :
BNA_G
ClientSampleId :
SICV413

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058961.D\data.ms

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

29.708min (-0.009) 19.80 ng/ul m

response 746117

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	12.22
277.00	25.90	21.86
0.00	0.00	0.00

Quantitation Report (Qedit)

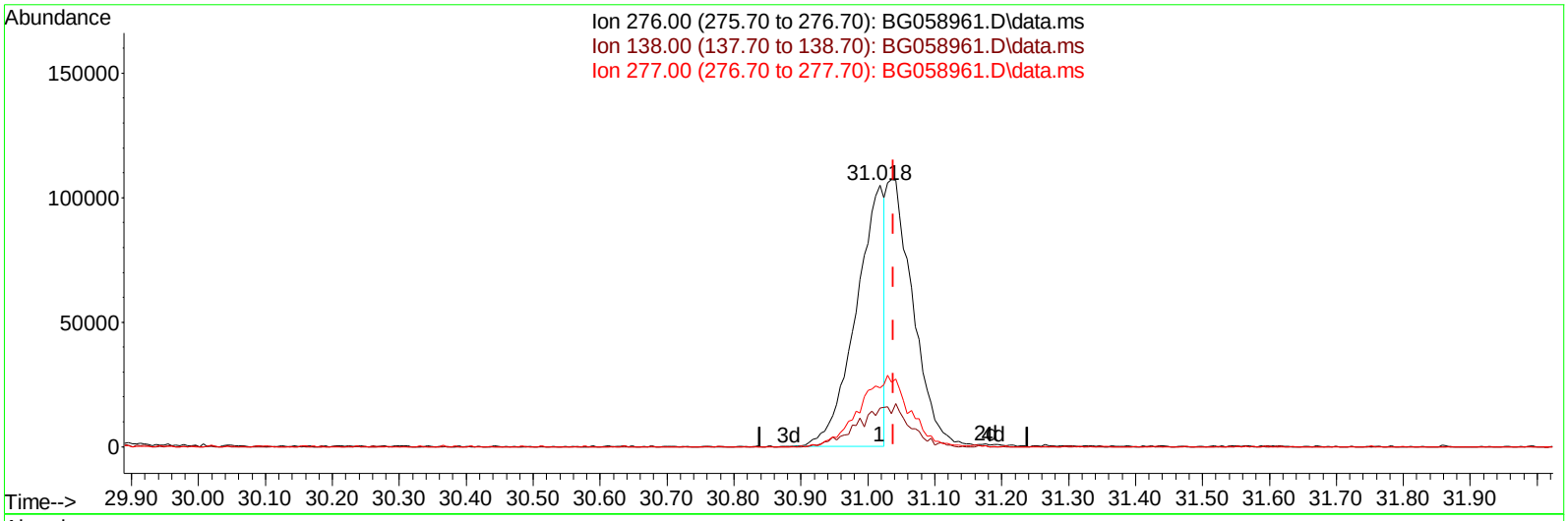
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058961.D
Acq On : 10 Sep 2023 21:36
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 40 Sample Multiplier: 1

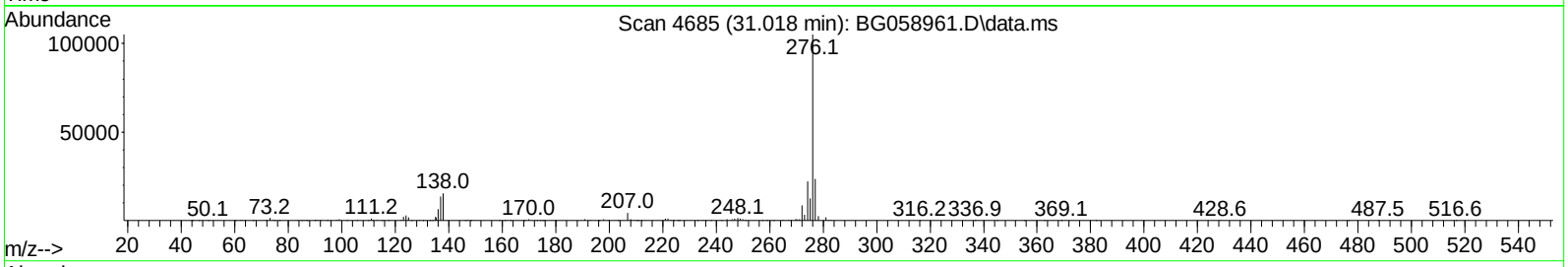
Quant Time: Sep 11 00:08:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

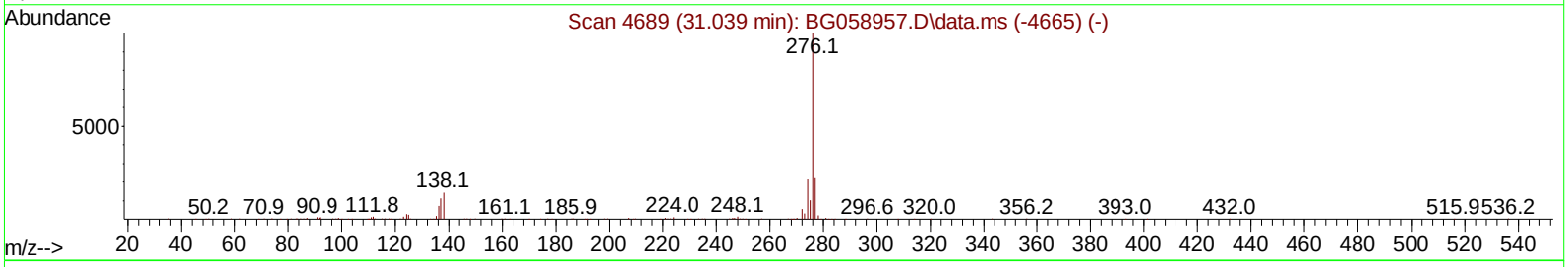
Instrument :
BNA_G
ClientSampleId :
SICV413

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058961.D\data.ms

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

31.018min (-0.021) 10.30 ng/ul

response 307168

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.30	14.83
277.00	21.80	22.45
0.00	0.00	0.00

Quantitation Report (Qedit)

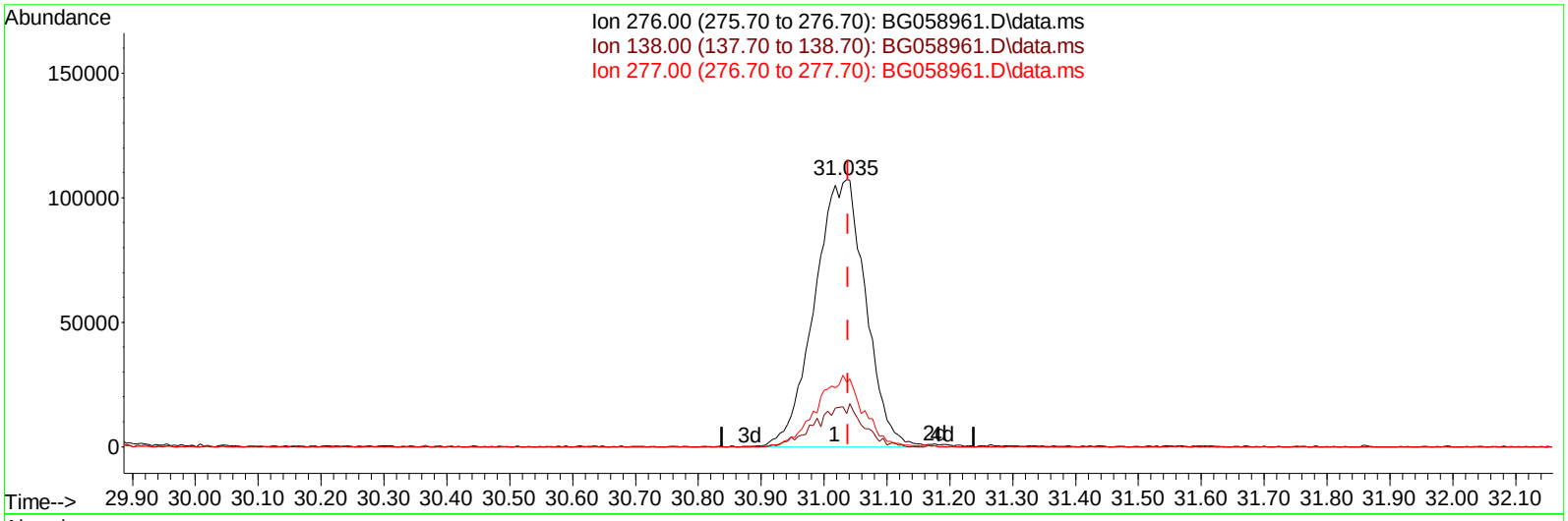
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058961.D
Acq On : 10 Sep 2023 21:36
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 40 Sample Multiplier: 1

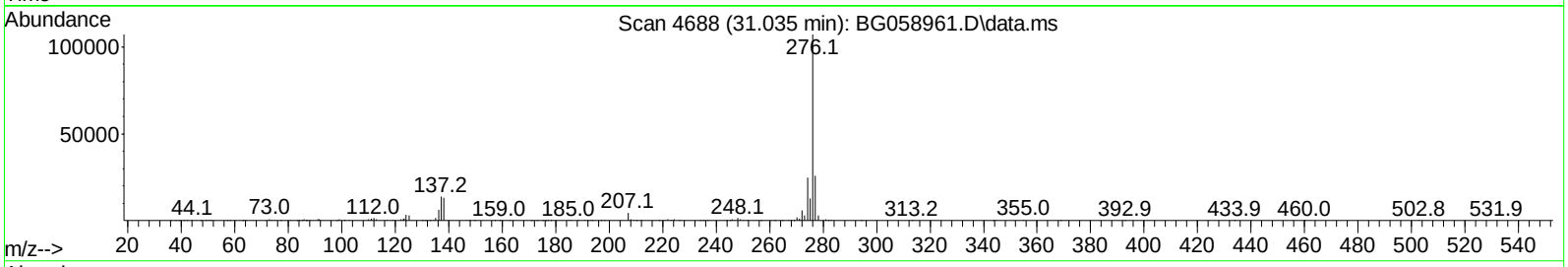
Quant Time: Sep 11 00:08:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

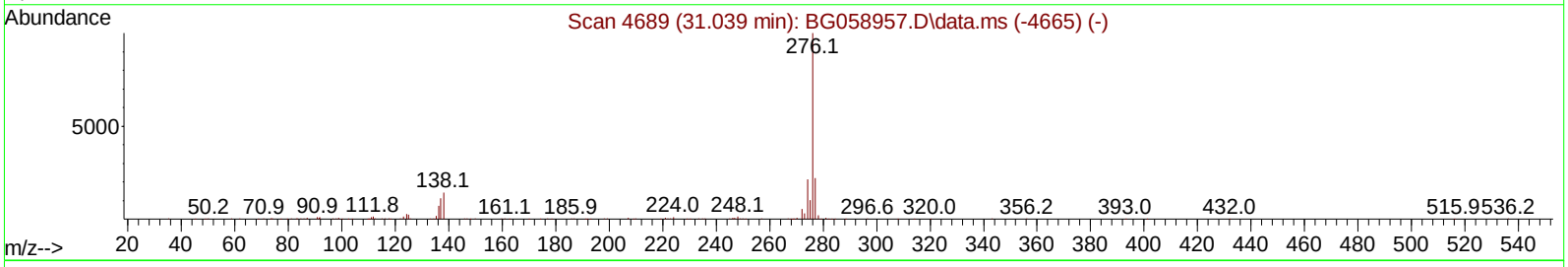
Instrument :
BNA_G
ClientSampleId :
SICV413

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058961.D\data.ms

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

31.035min (-0.003) 20.22 ng/ul m

response 603193

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.30	12.31
277.00	21.80	24.18
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058961.D
Acq On : 10 Sep 2023 21:36
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Sep 11 00:10:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV413

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.327	152	57373	20.000	ng/ul	0.00
20) Naphthalene-d8	11.171	136	272463	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.948	164	190027	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.698	188	473041	20.000	ng/ul	0.00
79) Chrysene-d12	22.023	240	467731	20.000	ng/ul	0.00
88) Perylene-d12	25.589	264	536639	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.644	96	11627	8.614	ng/uL	0.00
4) Pyridine-d5	4.073	84	82477	19.300	ng/ul	0.00
7) Phenol-d5	7.434	99	118281	20.444	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.645	67	67653	19.942	ng/ul	0.00
11) 2-Chlorophenol-d4	7.839	132	79554	21.440	ng/ul	0.00
15) 4-Methylphenol-d8	9.008	113	92612	20.719	ng/ul	0.00
21) Nitrobenzene-d5	9.520	128	41341	20.918	ng/ul	0.00
24) 2-Nitrophenol-d4	10.236	143	48500	22.365	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.759	165	95632	20.750	ng/ul	0.00
31) 4-Chloroaniline-d4	11.312	131	126717	20.445	ng/ul	0.00
46) Dimethylphthalate-d6	14.343	166	300120	20.361	ng/ul	0.00
49) Acenaphthylene-d8	14.649	160	333927	20.344	ng/ul	0.00
54) 4-Nitrophenol-d4	15.113	143	51367	20.979	ng/ul	0.00
60) Fluorene-d10	15.936	176	272680	20.845	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.041	200	47071	20.272	ng/ul	0.00
73) Anthracene-d10	17.798	188	437127	20.816	ng/ul	0.00
81) Pyrene-d10	20.066	212	510213	20.592	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.336	264	535821	20.369	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.673	88	13303	7.649	ng/uL#	89
5) Pyridine	4.091	79	92242	20.215	ng/ul	97
6) Benzaldehyde	7.469	77	76631	21.659	ng/ul	89
8) Phenol	7.463	94	126472	20.556	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.739	93	90914	20.218	ng/ul	96
12) 2-Chlorophenol	7.874	128	80132	20.893	ng/ul#	89
13) 2-Methylphenol	8.738	108	97169	20.975	ng/ul	84
14) 2,2'-oxybis(1-Chloropr...	8.838	45	111162	20.587	ng/ul	97
16) Acetophenone	9.167	105	159745	21.556	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.132	70	83823	20.179	ng/ul	97
18) 4-Methylphenol	9.067	108	102955	20.350	ng/ul	99
19) Hexachloroethane	9.414	117	32642	20.306	ng/ul	96
22) Nitrobenzene	9.567	77	121131	20.473	ng/ul	95
23) Isophorone	10.072	82	260420	20.721	ng/ul	98
25) 2-Nitrophenol	10.272	139	44800	20.260	ng/ul	90
26) 2,4-Dimethylphenol	10.289	107	112292	20.491	ng/ul#	81
27) Bis(2-Chloroethoxy)met...	10.554	93	136747	20.301	ng/ul	92
29) 2,4-Dichlorophenol	10.789	162	85748	19.640	ng/ul	97
30) Naphthalene	11.223	128	285139	19.853	ng/ul	99
32) 4-Chloroaniline	11.335	127	120635	20.273	ng/ul	98
33) Hexachlorobutadiene	11.453	225	70002	20.491	ng/ul#	89
34) Caprolactam	12.111	113	31360m	20.239	ng/ul	
35) 4-Chloro-3-methylphenol	12.393	107	107343	20.011	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058961.D
Acq On : 10 Sep 2023 21:36
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Sep 11 00:10:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV413

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.798	142	206888	19.305	ng/ul	87
37)	1-Methylnaphthalene	13.015	142	214071	20.251	ng/ul#	90
39)	1,2,4,5-Tetrachloroben...	13.139	216	130181	20.987	ng/ul	91
40)	Hexachlorocyclopentadiene	13.098	237	78678	17.238	ng/ul	88
41)	2,4,6-Trichlorophenol	13.380	196	78048	19.820	ng/ul	90
42)	2,4,5-Trichlorophenol	13.444	196	89325	20.953	ng/ul	89
43)	1,1'-Biphenyl	13.791	154	291678	20.534	ng/ul#	98
44)	2-Chloronaphthalene	13.838	162	221570	20.423	ng/ul	97
45)	2-Nitroaniline	14.050	65	73894	22.209	ng/ul	98
47)	Dimethylphthalate	14.390	163	283392	20.334	ng/ul#	99
48)	2,6-Dinitrotoluene	14.531	165	54823	20.679	ng/ul#	87
50)	Acenaphthylene	14.684	152	371285	20.748	ng/ul	99
51)	3-Nitroaniline	14.872	138	54778	21.531	ng/ul#	93
52)	Acenaphthene	15.013	153	252504	21.027	ng/ul	95
53)	2,4-Dinitrophenol	15.066	184	32706m	19.140	ng/ul	
55)	4-Nitrophenol	15.131	109	64584	22.356	ng/ul	85
56)	Dibenzofuran	15.348	168	358856	20.631	ng/ul	97
57)	2,4-Dinitrotoluene	15.307	165	79455	21.720	ng/ul#	81
58)	2,3,4,6-Tetrachlorophenol	15.548	232	87991	21.608	ng/ul#	96
59)	Diethylphthalate	15.742	149	278862	20.295	ng/ul	95
61)	Fluorene	15.994	166	297493	20.809	ng/ul	94
62)	4-Chlorophenyl-phenyle...	15.977	204	152938	20.218	ng/ul	97
63)	4-Nitroaniline	16.030	138	50676	21.017	ng/ul	99
66)	4,6-Dinitro-2-methylph...	16.053	198	49948	19.709	ng/ul	93
67)	N-Nitrosodiphenylamine	16.194	169	248798	19.954	ng/ul	98
68)	4-Bromophenyl-phenylether	16.876	248	100186	19.306	ng/ul	93
69)	Hexachlorobenzene	16.964	284	116953	19.632	ng/ul#	92
70)	Atrazine	17.128	200	103351	21.180	ng/ul#	94
71)	Pentachlorophenol	17.316	266	73778	20.091	ng/ul	90
72)	Phenanthrene	17.739	178	486468	20.263	ng/ul	99
74)	Anthracene	17.833	178	491033	20.123	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.744	216	137278	20.111	ng/uL	96
76)	Pentachlorobenzene	15.236	250	127344	19.305	ng/uL	93
77)	Carbazole	18.104	167	426196	20.858	ng/ul	97
78)	Di-n-butylphthalate	18.621	149	464848	20.521	ng/ul	99
80)	Fluoranthene	19.731	202	588921	20.468	ng/ul	99
82)	Pyrene	20.095	202	595842	19.920	ng/ul	97
83)	Butylbenzylphthalate	20.965	149	200730	21.236	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.911	252	221777	21.371	ng/ul#	93
85)	Benzo(a)anthracene	21.999	228	642482	20.482	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.846	149	291488	20.591	ng/ul	100
87)	Chrysene	22.075	228	603915	20.710	ng/ul	97
89)	Di-n-octyl phthalate	23.186	149	503243	20.386	ng/ul	100
90)	Benzo(b)fluoranthene	24.431	252	641821m	20.077	ng/ul	
91)	Benzo(k)fluoranthene	24.508	252	648335	19.846	ng/ul	93
93)	Benzo(a)pyrene	25.419	252	611923	20.516	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.708	276	746117m	19.798	ng/ul	
95)	Dibenzo(a,h)anthracene	29.808	278	608454	19.485	ng/ul	97
96)	Benzo(g,h,i)perylene	31.035	276	603193m	20.221	ng/ul	

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

Instrument :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 09/13/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
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