Quantitation Report (Qedit)

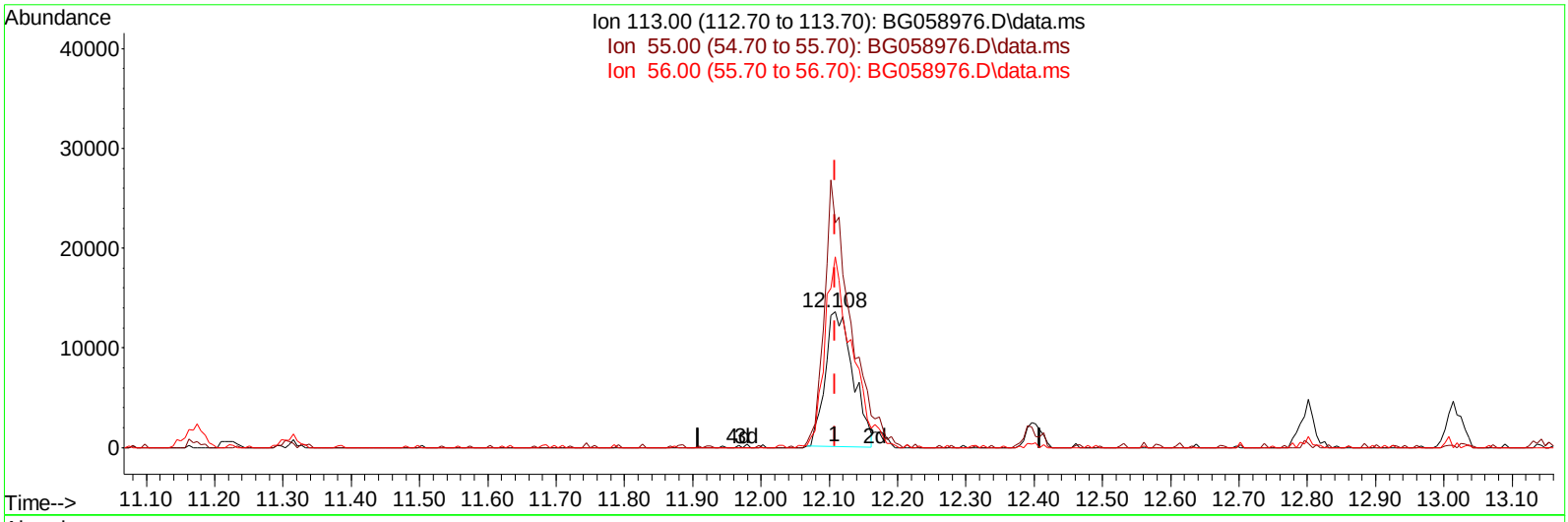
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058976.D
Acq On : 11 Sep 2023 9:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 75 Sample Multiplier: 1

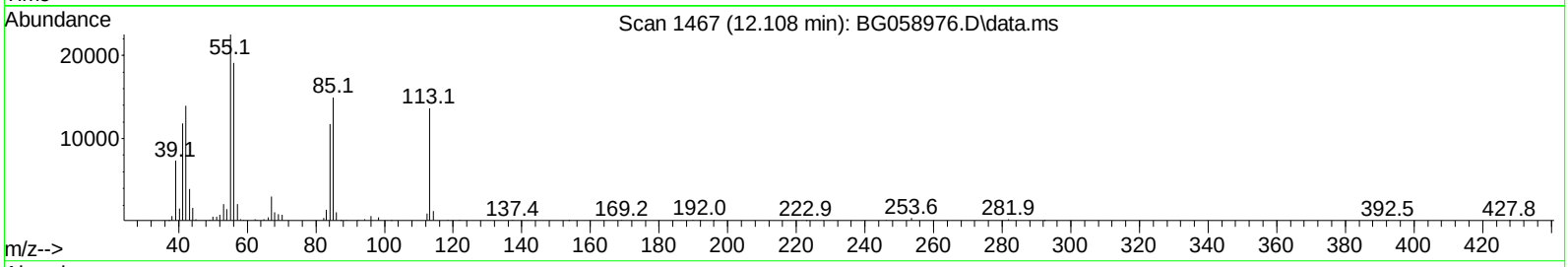
Quant Time: Sep 12 00:47:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

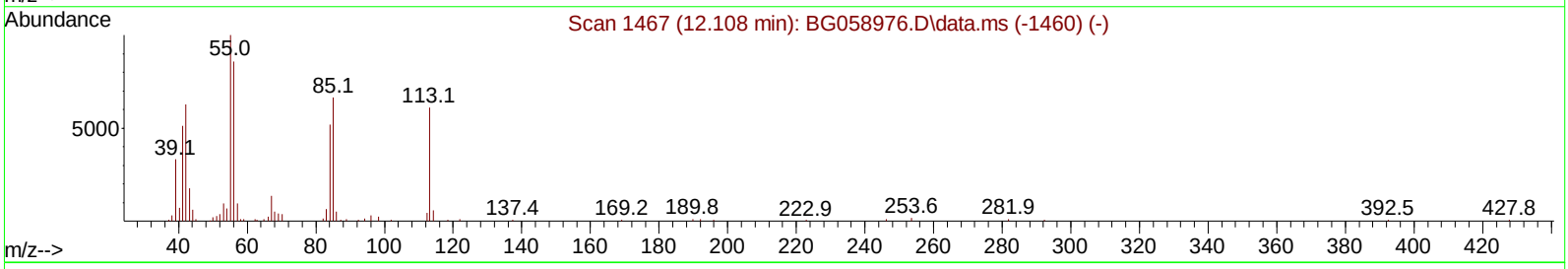
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058976.D\data.ms

(34) Caprolactam

12.108min (+ 0.000) 21.08 ng/ul

response 38173

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	165.41
56.00	113.00	140.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

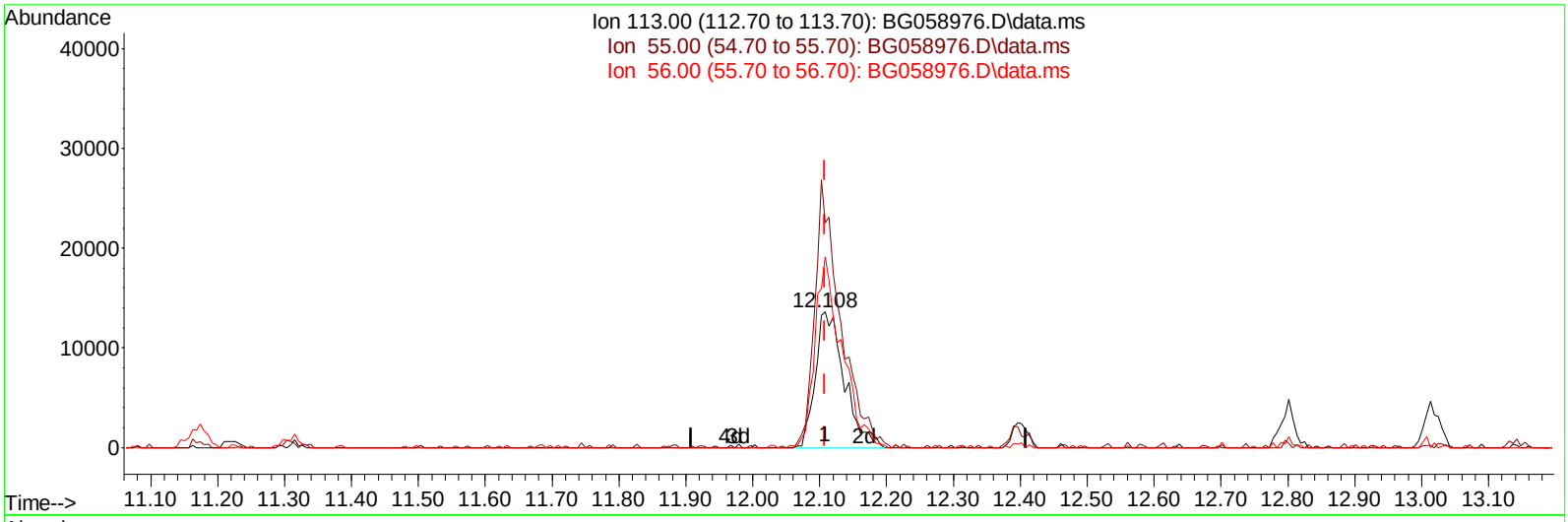
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058976.D
Acq On : 11 Sep 2023 9:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 75 Sample Multiplier: 1

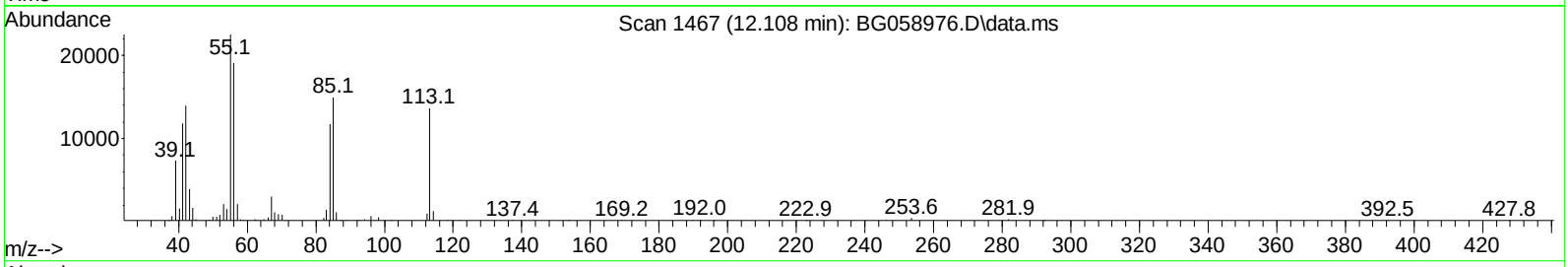
Quant Time: Sep 12 00:47:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

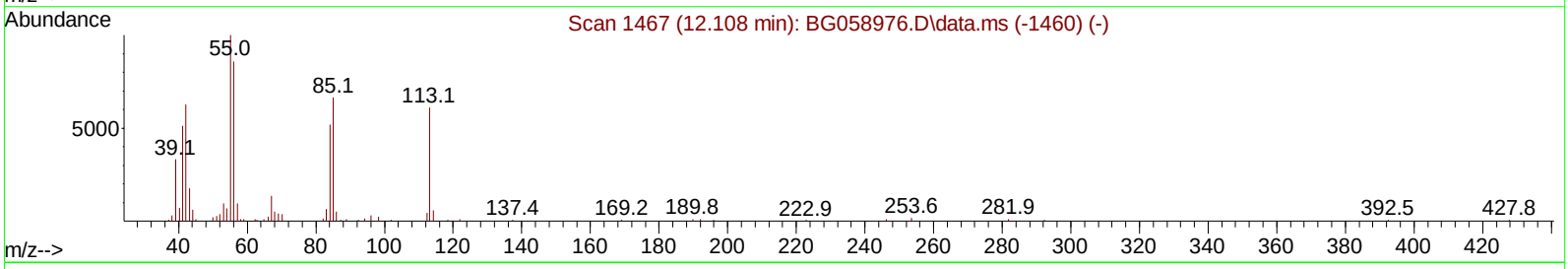
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058976.D\data.ms

(34) Caprolactam

12.108min (+ 0.000) 22.50 ng/ul m

response 40747

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	165.41
56.00	113.00	140.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

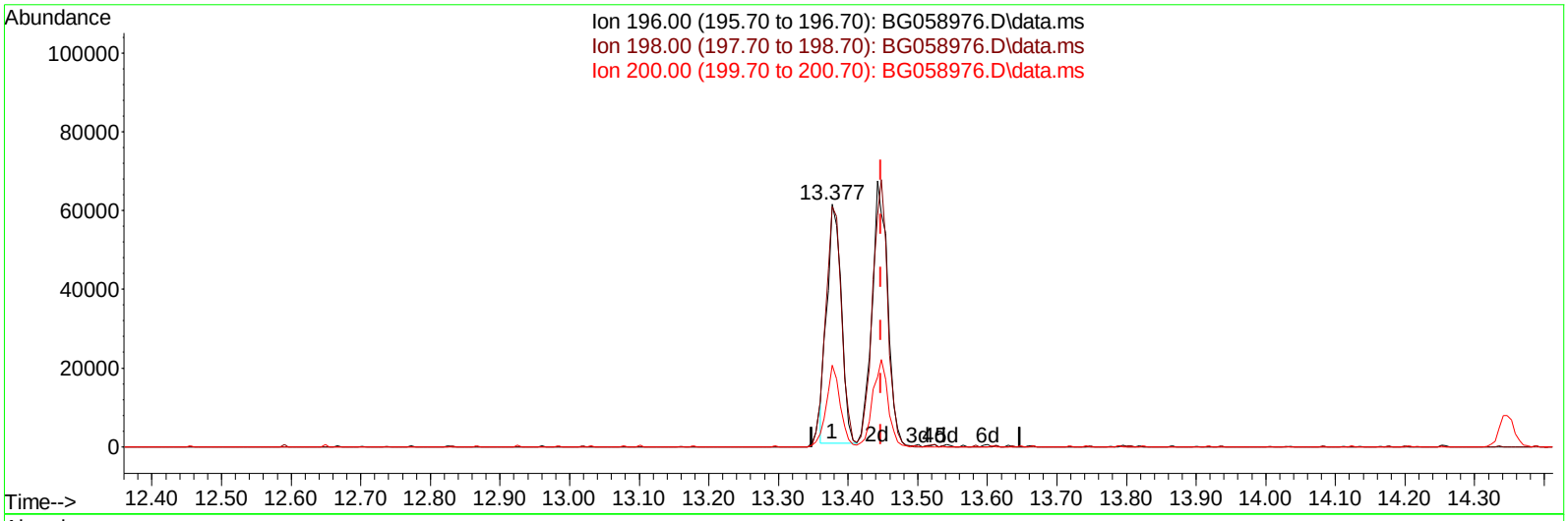
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058976.D
Acq On : 11 Sep 2023 9:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 75 Sample Multiplier: 1

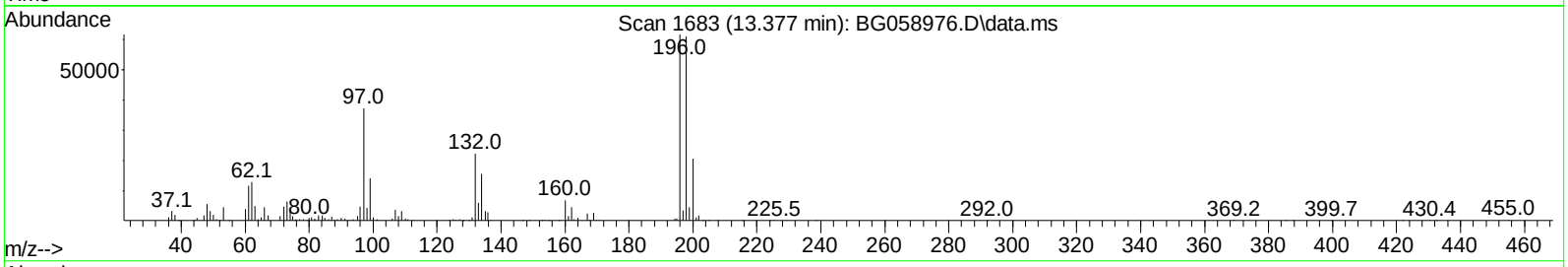
Quant Time: Sep 12 00:47:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

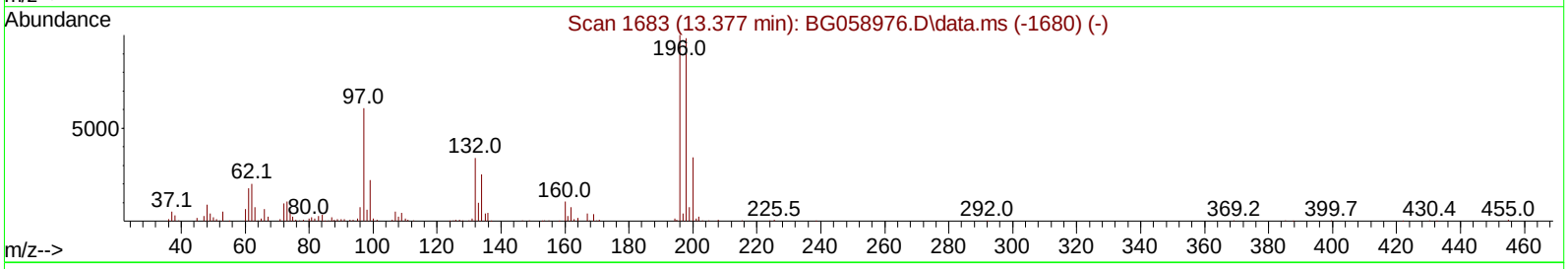
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058976.D\data.ms

(42) 2,4,5-Trichlorophenol

13.377min (-0.070) 16.02 ng/ul

response 86820

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	106.00	98.98
200.00	34.60	33.48
0.00	0.00	0.00

Quantitation Report (Qedit)

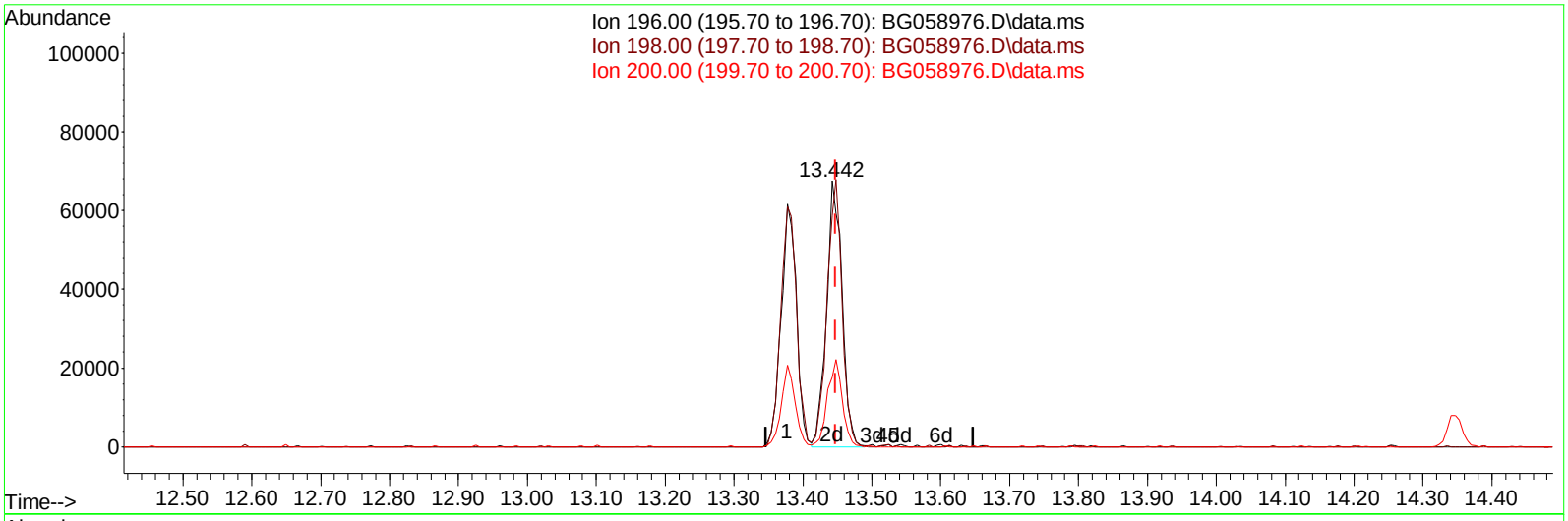
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058976.D
Acq On : 11 Sep 2023 9:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 75 Sample Multiplier: 1

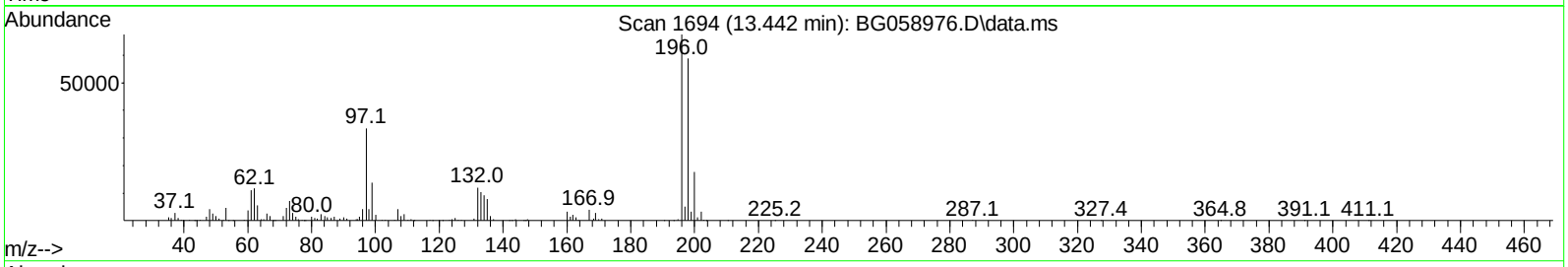
Quant Time: Sep 12 00:47:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

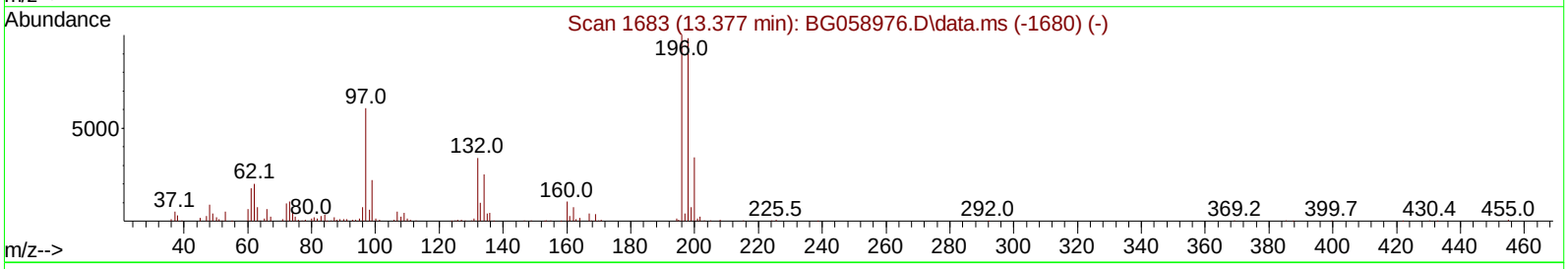
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058976.D\data.ms

(42) 2,4,5-Trichlorophenol

13.442min (-0.005) 19.61 ng/ul m

response 106271

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	106.00	87.07
200.00	34.60	26.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

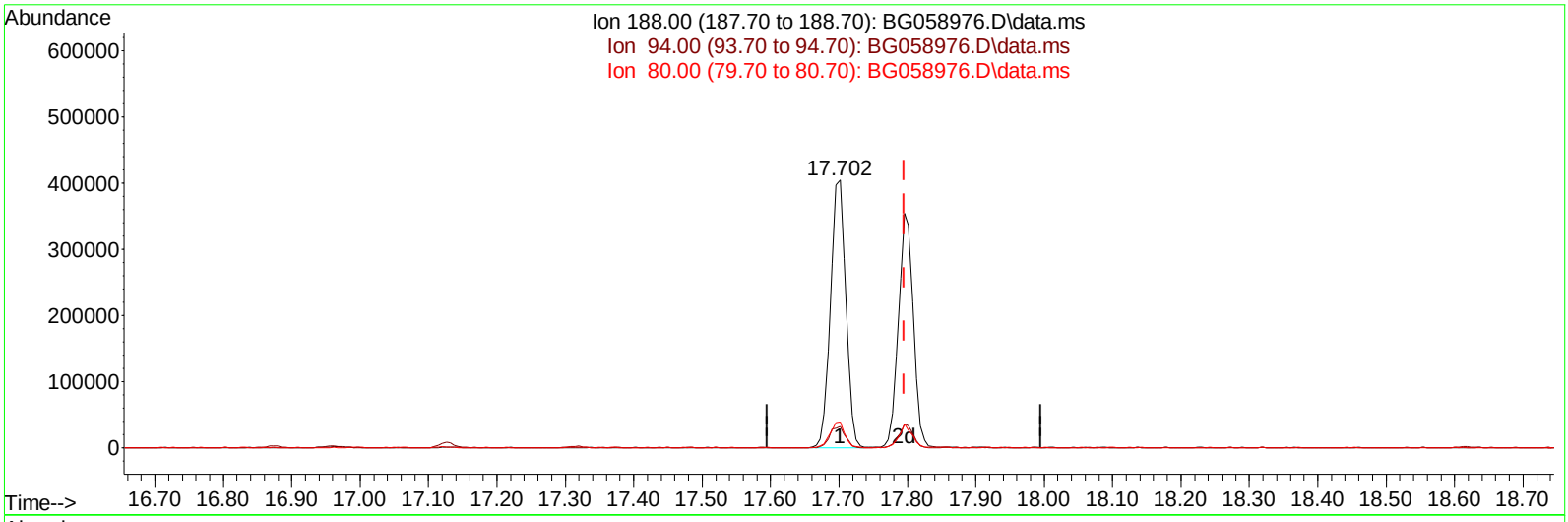
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058976.D
Acq On : 11 Sep 2023 9:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 75 Sample Multiplier: 1

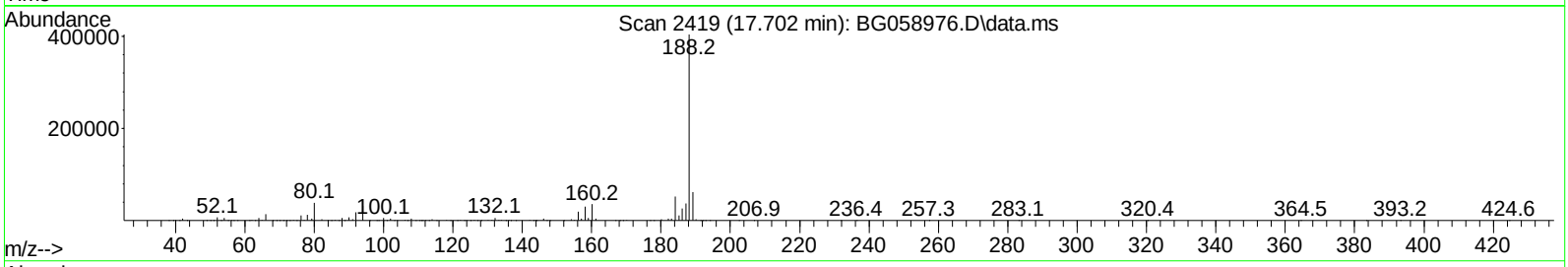
Quant Time: Sep 12 00:47:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

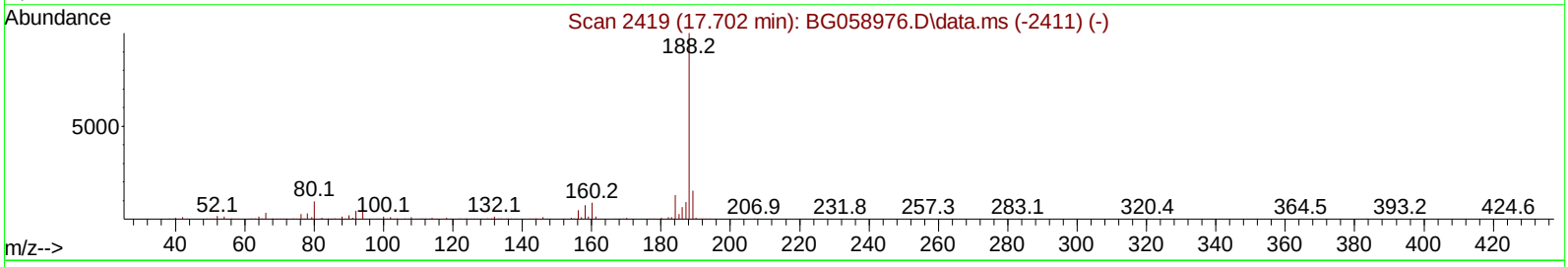
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058976.D\data.ms

(73) Anthracene-d10 (S)

17.702min (-0.094) 22.53 ng/ul

response 628434

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	7.92
80.00	8.80	9.68
0.00	0.00	0.00

Quantitation Report (Qedit)

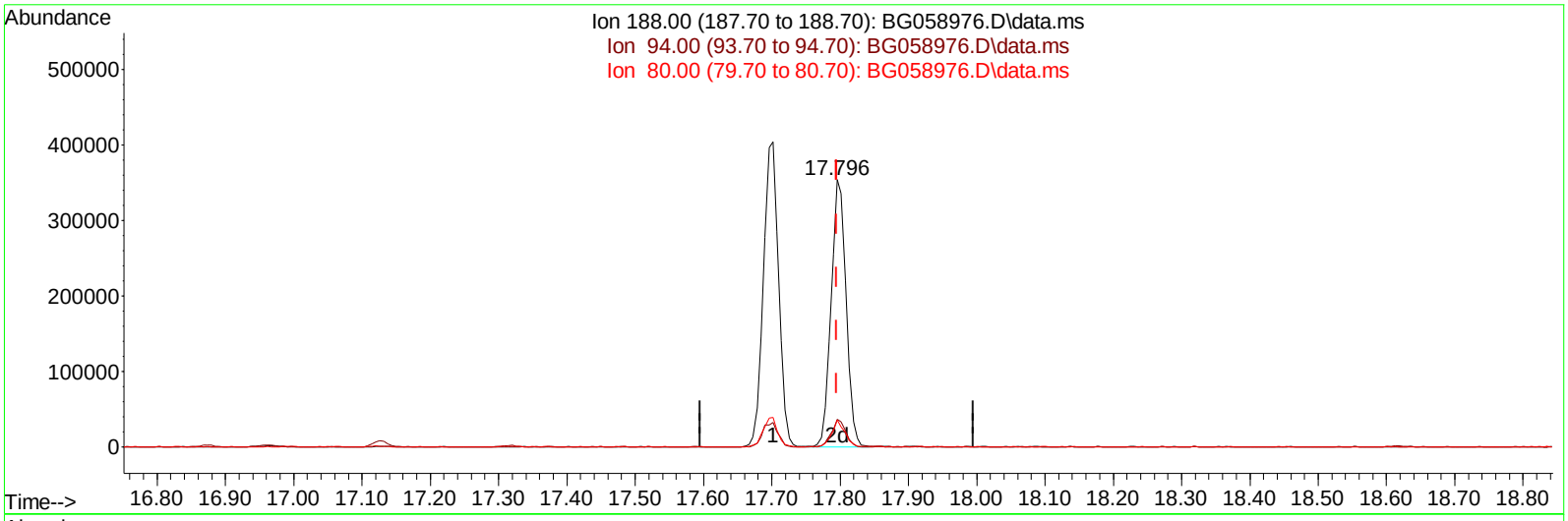
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058976.D
Acq On : 11 Sep 2023 9:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 75 Sample Multiplier: 1

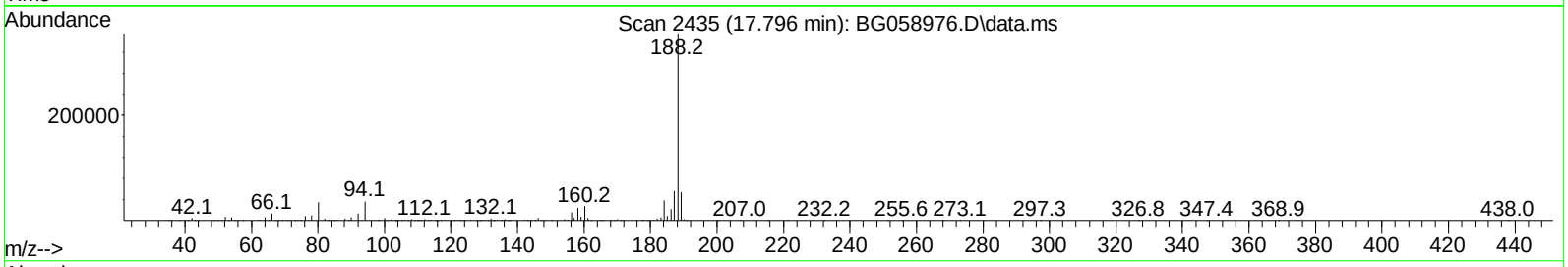
Quant Time: Sep 12 00:47:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

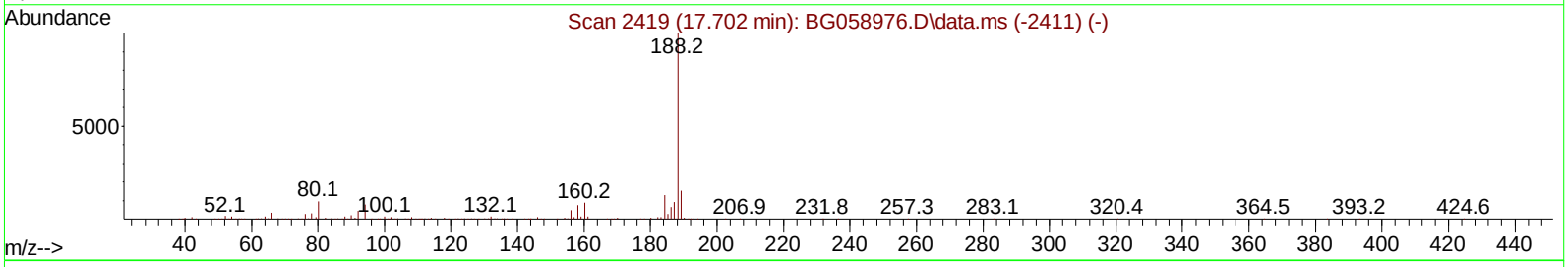
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058976.D\data.ms

(73) Anthracene-d10 (S)

17.796min (+ 0.000) 19.28 ng/ul m

response 537810

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	10.22#
80.00	8.80	10.03
0.00	0.00	0.00

Quantitation Report (Qedit)

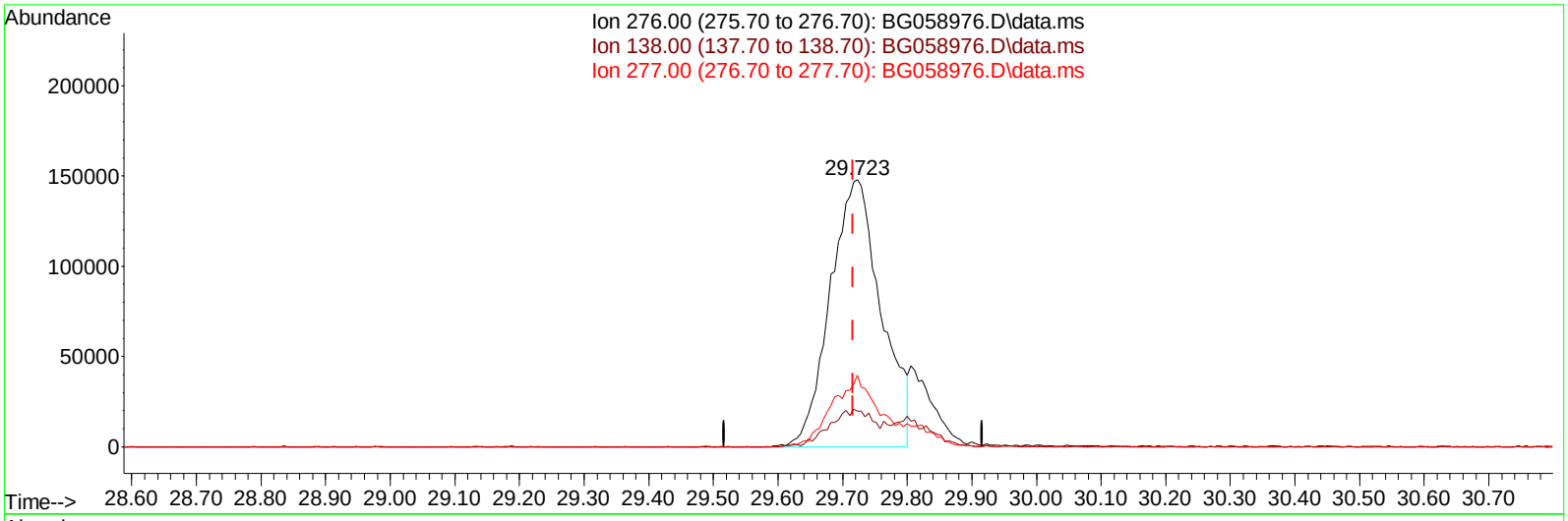
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058976.D
Acq On : 11 Sep 2023 9:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 75 Sample Multiplier: 1

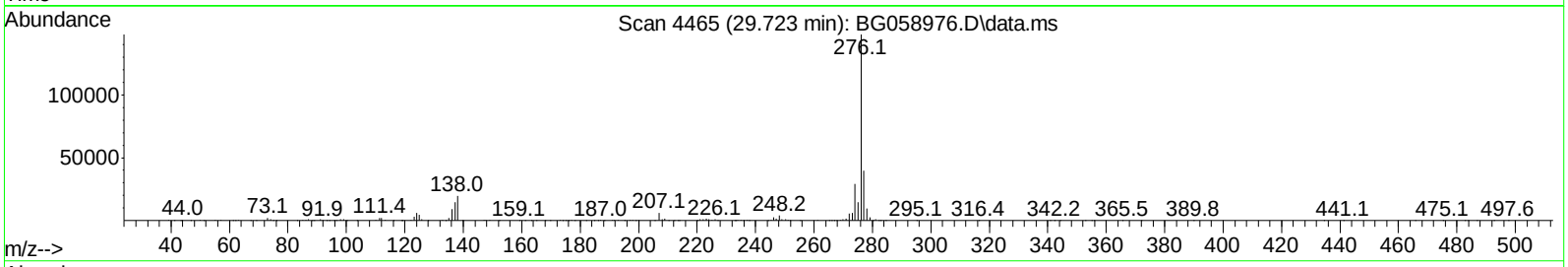
Quant Time: Sep 12 00:47:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

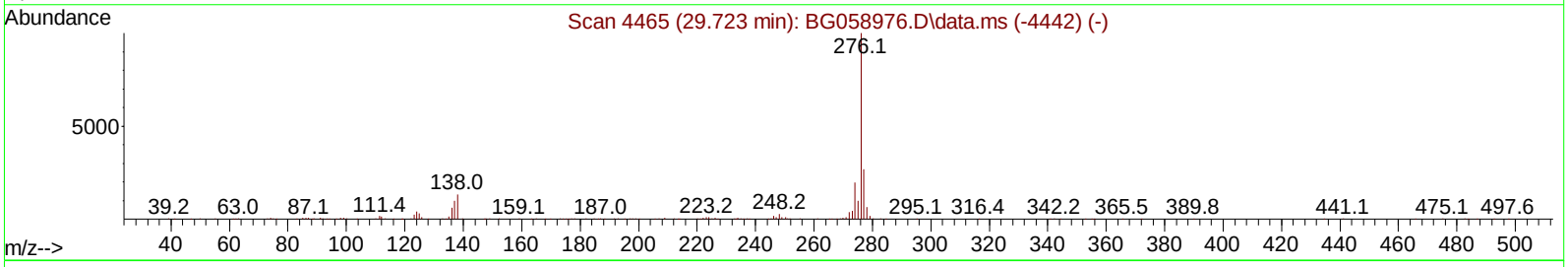
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058976.D\data.ms

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

29.723min (+ 0.006) 16.71 ng/ul

response 812048

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	13.40
277.00	25.90	26.82
0.00	0.00	0.00

Quantitation Report (Qedit)

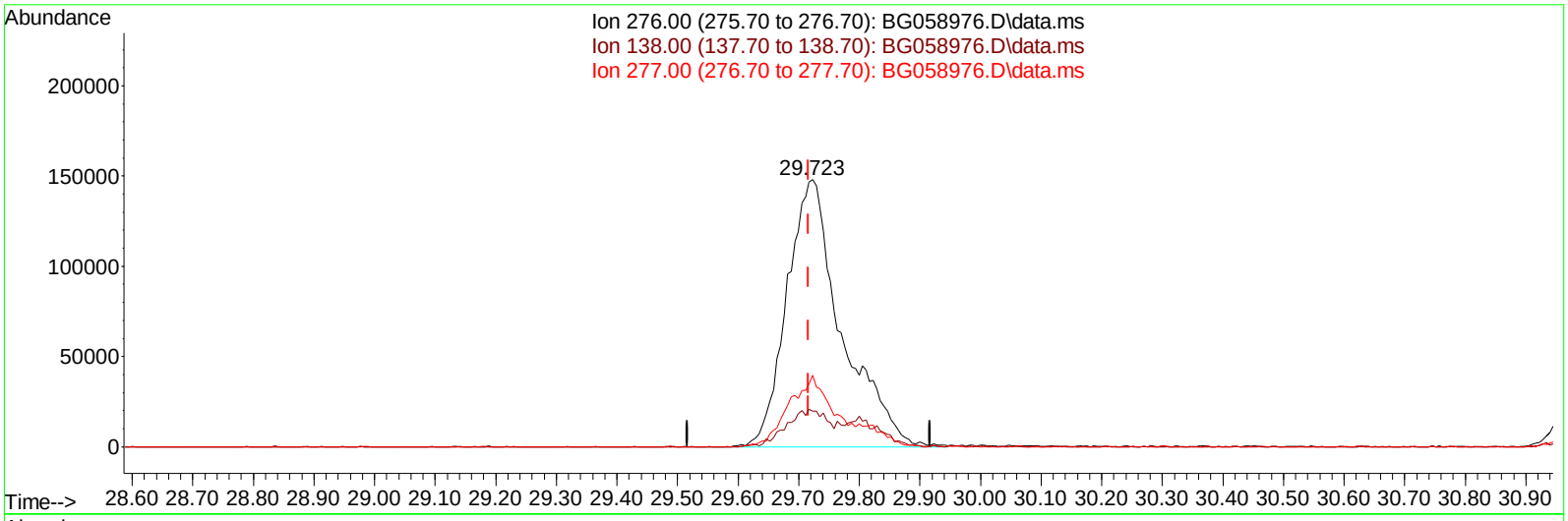
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058976.D
Acq On : 11 Sep 2023 9:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 75 Sample Multiplier: 1

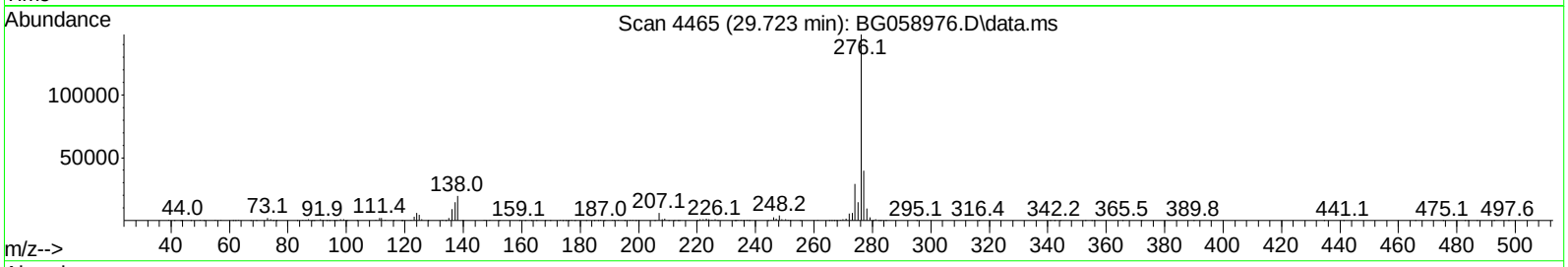
Quant Time: Sep 12 00:47:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

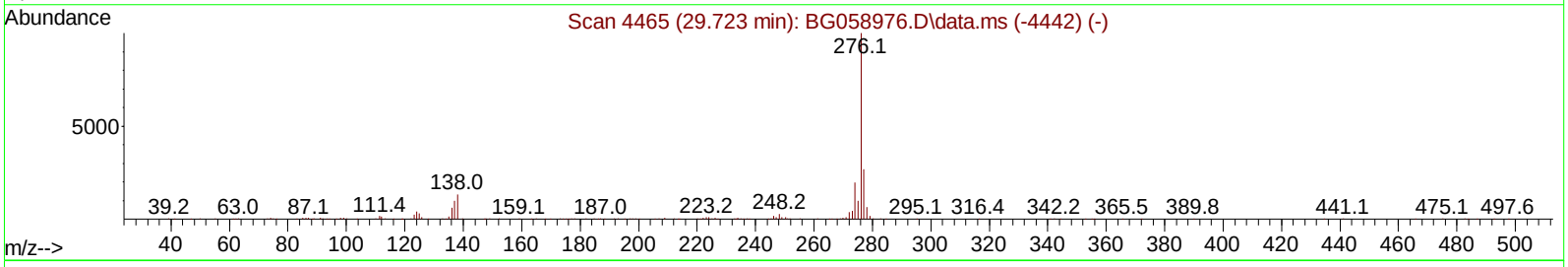
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058976.D\data.ms

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

29.723min (+ 0.006) 19.08 ng/ul m

response 927329

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	13.40
277.00	25.90	26.82
0.00	0.00	0.00

Quantitation Report (Qedit)

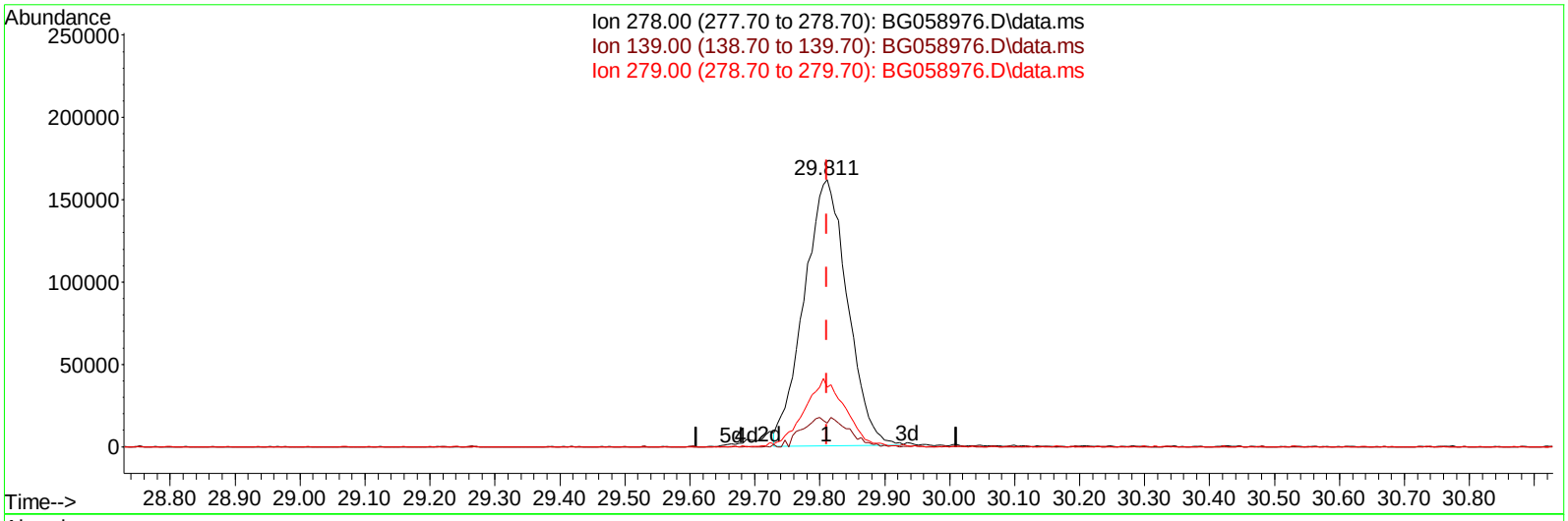
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058976.D
Acq On : 11 Sep 2023 9:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 75 Sample Multiplier: 1

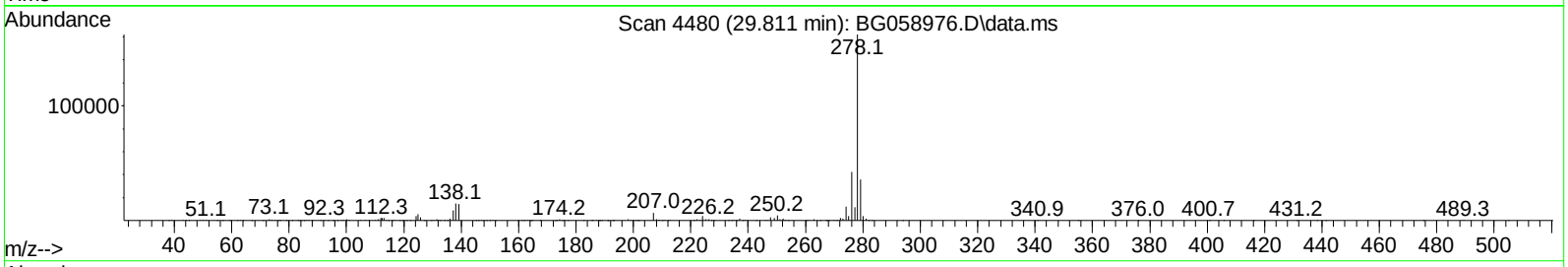
Quant Time: Sep 12 01:02:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

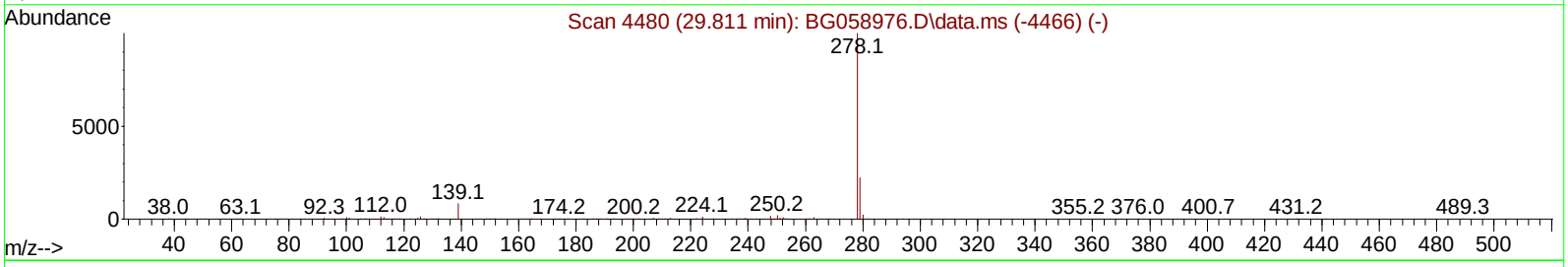
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058976.D\data.ms

(95) Dibenzo(a,h)anthracene

29.811min (+ 0.000) 18.69 ng/ul

response 752964

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.30	8.81#
279.00	23.10	22.27
0.00	0.00	0.00

Quantitation Report (Qedit)

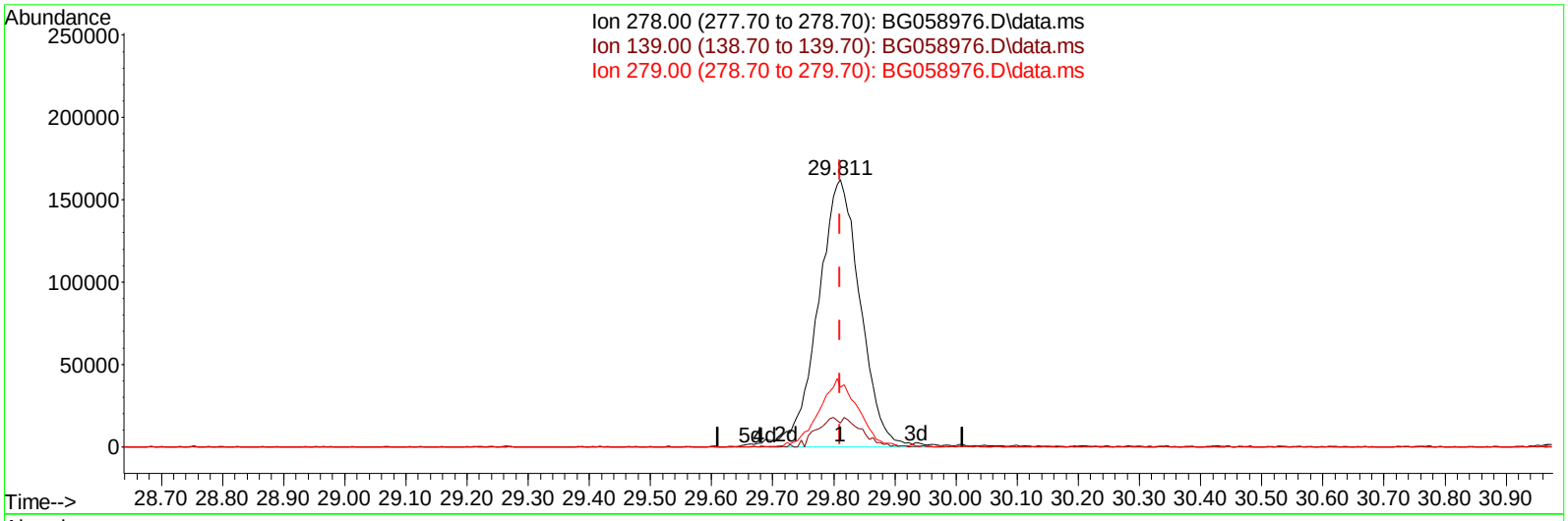
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058976.D
Acq On : 11 Sep 2023 9:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 75 Sample Multiplier: 1

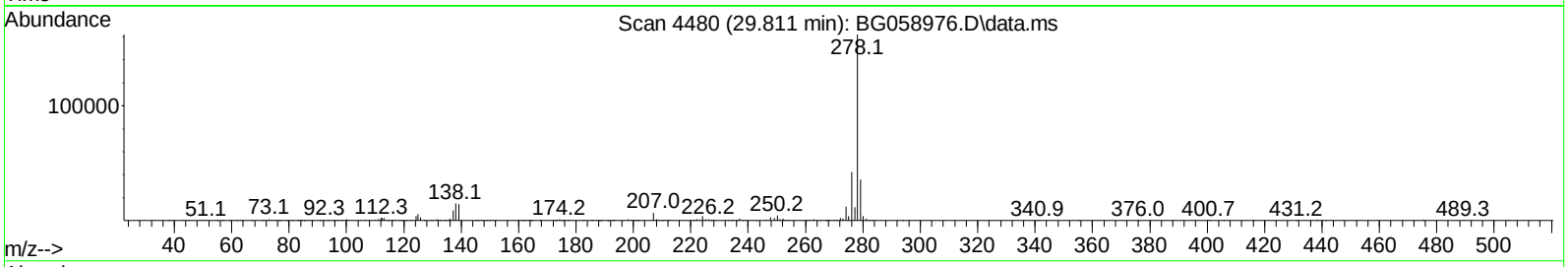
Quant Time: Sep 12 01:02:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

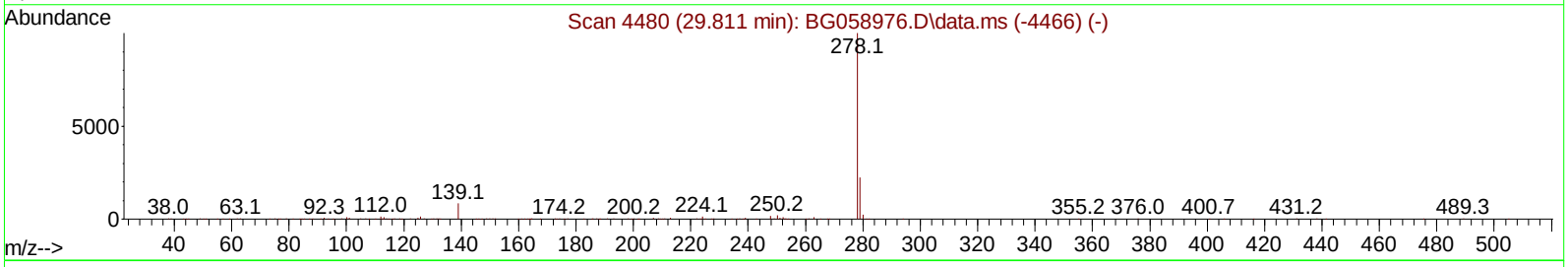
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058976.D\data.ms

(95) Dibenzo(a,h)anthracene

29.811min (+ 0.000) 19.45 ng/ul m

response 783426

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.30	8.81#
279.00	23.10	22.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058976.D
Acq On : 11 Sep 2023 9:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Sep 12 01:03:16 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
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.325	152	61233	20.000	ng/ul	0.00
20) Naphthalene-d8	11.168	136	318469	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.952	164	241552	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.702	188	628434	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.026	240	609964	20.000	ng/ul	0.00
88) Perylene-d12	25.593	264	692172	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.636	96	13934	9.672	ng/uL	0.00
4) Pyridine-d5	4.071	84	102773	22.533	ng/ul	0.00
7) Phenol-d5	7.431	99	121952	19.750	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.643	67	70749	19.540	ng/ul	0.00
11) 2-Chlorophenol-d4	7.843	132	80630	20.360	ng/ul	0.00
15) 4-Methylphenol-d8	9.006	113	101227	21.219	ng/ul	0.00
21) Nitrobenzene-d5	9.517	128	43561	18.857	ng/ul	0.00
24) 2-Nitrophenol-d4	10.234	143	51550	20.337	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.763	165	102096	18.952	ng/ul	0.00
31) 4-Chloroaniline-d4	11.309	131	149431	20.627	ng/ul	0.00
46) Dimethylphthalate-d6	14.347	166	363663	19.409	ng/ul	0.00
49) Acenaphthylene-d8	14.652	160	395000	18.931	ng/ul	0.00
54) 4-Nitrophenol-d4	15.117	143	66896	21.494	ng/ul	0.00
60) Fluorene-d10	15.933	176	331752	19.951	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.039	200	61784	20.029	ng/ul	0.00
73) Anthracene-d10	17.796	188	537810m	19.278	ng/ul	0.00
81) Pyrene-d10	20.070	212	628213	19.443	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.340	264	661201	19.487	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.677	88	15995	8.617	ng/uL#	95
5) Pyridine	4.094	79	103662	21.285	ng/ul	94
6) Benzaldehyde	7.467	77	80985	21.447	ng/ul#	80
8) Phenol	7.461	94	128190	19.522	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.743	93	95675	19.936	ng/ul	98
12) 2-Chlorophenol	7.872	128	81809	19.985	ng/ul	96
13) 2-Methylphenol	8.742	108	105560	21.350	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.830	45	120063	20.834	ng/ul	95
16) Acetophenone	9.165	105	168290	21.278	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.129	70	93375	21.061	ng/ul#	96
18) 4-Methylphenol	9.071	108	113215	20.967	ng/ul	99
19) Hexachloroethane	9.411	117	34724	20.240	ng/ul#	81
22) Nitrobenzene	9.564	77	133341	19.281	ng/ul	91
23) Isophorone	10.070	82	288356	19.629	ng/ul	97
25) 2-Nitrophenol	10.275	139	53003	20.507	ng/ul	96
26) 2,4-Dimethylphenol	10.293	107	128967	20.134	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.557	93	147488	18.733	ng/ul	96
29) 2,4-Dichlorophenol	10.792	162	98482	19.298	ng/ul	96
30) Naphthalene	11.221	128	318243	18.957	ng/ul	97
32) 4-Chloroaniline	11.333	127	141484	20.342	ng/ul	100
33) Hexachlorobutadiene	11.456	225	67727	16.961	ng/ul	98
34) Caprolactam	12.108	113	40747m	22.498	ng/ul	
35) 4-Chloro-3-methylphenol	12.396	107	127954	20.407	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058976.D
Acq On : 11 Sep 2023 9:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Sep 12 01:03:16 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
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.802	142	238419	19.033	ng/ul	94
37) 1-Methylnaphthalene	13.019	142	244401	19.780	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.137	216	139103	17.642	ng/ul	97
40) Hexachlorocyclopentadiene	13.095	237	81844	14.107	ng/ul	97
41) 2,4,6-Trichlorophenol	13.377	196	95403	19.059	ng/ul	97
42) 2,4,5-Trichlorophenol	13.442	196	106271m	19.610	ng/ul	
43) 1,1'-Biphenyl	13.789	154	340683	18.868	ng/ul#	96
44) 2-Chloronaphthalene	13.842	162	257079	18.642	ng/ul	97
45) 2-Nitroaniline	14.053	65	85951	20.322	ng/ul	88
47) Dimethylphthalate	14.394	163	347401	19.609	ng/ul	97
48) 2,6-Dinitrotoluene	14.535	165	72549	21.528	ng/ul	96
50) Acenaphthylene	14.682	152	440014	19.343	ng/ul	98
51) 3-Nitroaniline	14.870	138	68617	21.217	ng/ul#	86
52) Acenaphthene	15.017	153	289356	18.956	ng/ul	100
53) 2,4-Dinitrophenol	15.058	184	40074	18.449	ng/ul	90
55) 4-Nitrophenol	15.128	109	72068	19.626	ng/ul	88
56) Dibenzofuran	15.346	168	424234	19.187	ng/ul	99
57) 2,4-Dinitrotoluene	15.310	165	102743	22.095	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.551	232	104055	20.102	ng/ul#	94
59) Diethylphthalate	15.739	149	350894	20.090	ng/ul	96
61) Fluorene	15.992	166	363248	19.989	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.980	204	185401	19.281	ng/ul	95
63) 4-Nitroaniline	16.027	138	68677	22.407	ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.057	198	63580	18.885	ng/ul	99
67) N-Nitrosodiphenylamine	16.198	169	309769	18.701	ng/ul	99
68) 4-Bromophenyl-phenylether	16.879	248	119337	17.310	ng/ul	97
69) Hexachlorobenzene	16.961	284	144757	18.291	ng/ul	93
70) Atrazine	17.126	200	131645	20.308	ng/ul	98
71) Pentachlorophenol	17.314	266	92991	19.062	ng/ul	95
72) Phenanthrene	17.743	178	600248	18.820	ng/ul	99
74) Anthracene	17.831	178	625166	19.285	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.748	216	153251	16.900	ng/uL	94
76) Pentachlorobenzene	15.240	250	152414	17.392	ng/uL	97
77) Carbazole	18.107	167	538902	19.852	ng/ul	97
78) Di-n-butylphthalate	18.618	149	595714	19.796	ng/ul	99
80) Fluoranthene	19.735	202	729868	19.452	ng/ul	99
82) Pyrene	20.099	202	746663	19.141	ng/ul	96
83) Butylbenzylphthalate	20.963	149	256114	20.777	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.909	252	280039	20.693	ng/ul#	88
85) Benzo(a)anthracene	22.003	228	786794	19.234	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.844	149	375944	20.364	ng/ul	94
87) Chrysene	22.073	228	729862	19.193	ng/ul	98
89) Di-n-octyl phthalate	23.178	149	636331	19.985	ng/ul	100
90) Benzo(b)fluoranthene	24.435	252	782868	18.987	ng/ul	99
91) Benzo(k)fluoranthene	24.511	252	764659	18.147	ng/ul	97
93) Benzo(a)pyrene	25.422	252	747690	19.435	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.723	276	927329m	19.077	ng/ul	
95) Dibenzo(a,h)anthracene	29.811	278	783426m	19.450	ng/ul	
96) Benzo(g,h,i)perylene	31.033	276	763938	19.856	ng/ul	98

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

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058976.D
Acq On : 11 Sep 2023 9:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Sep 12 01:03:16 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
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023