Quantitation Report (Qedit)

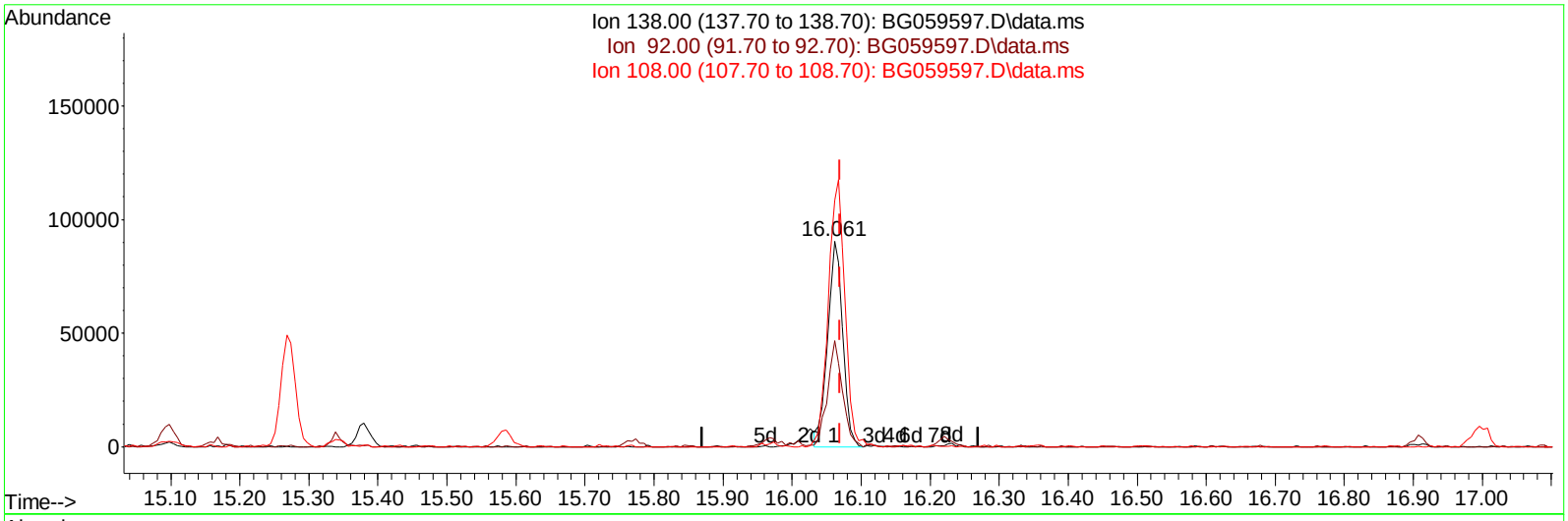
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059597.D
Acq On : 2 Nov 2023 9:12
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

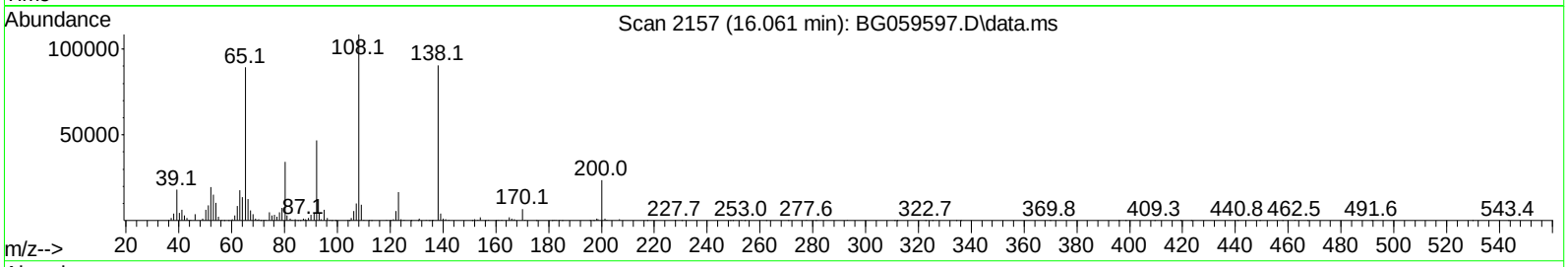
Quant Time: Nov 03 02:44:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

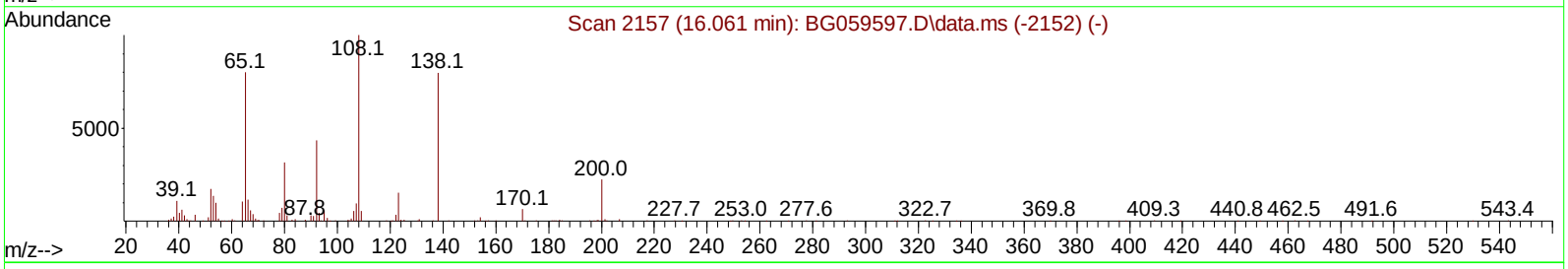
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059597.D\data.ms

(63) 4-Nitroaniline

16.061min (-0.008) 21.97 ng/ul

response 137995

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.30	51.71
108.00	126.10	119.78
0.00	0.00	0.00

Quantitation Report (Qedit)

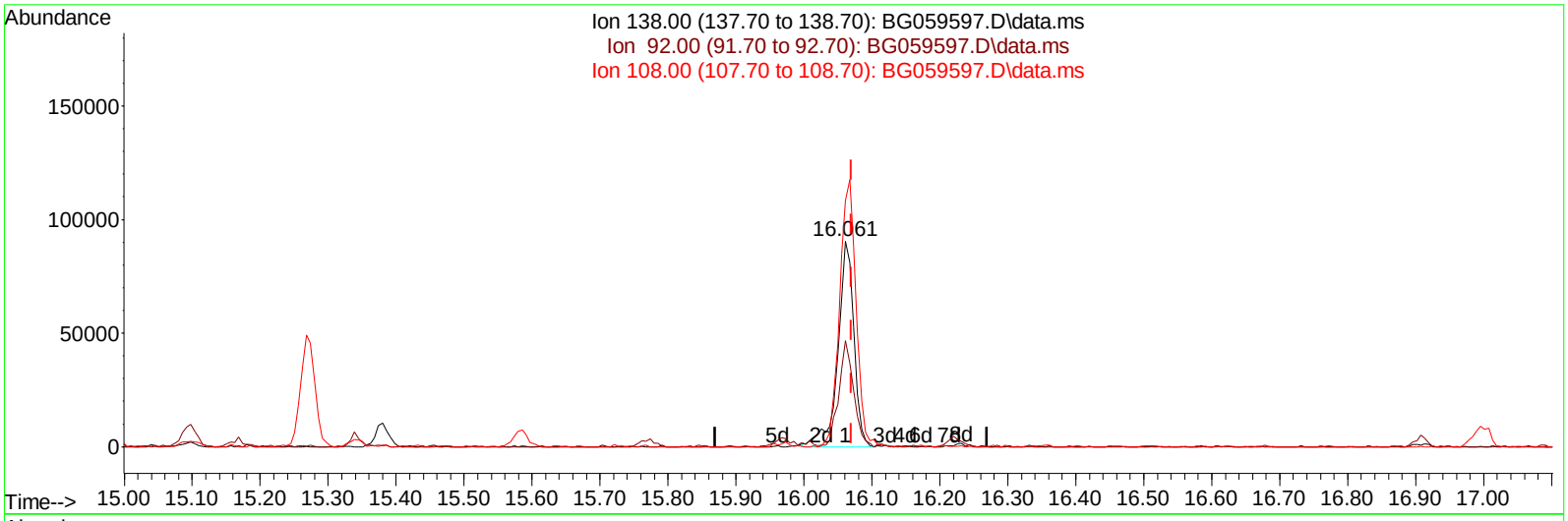
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059597.D
Acq On : 2 Nov 2023 9:12
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

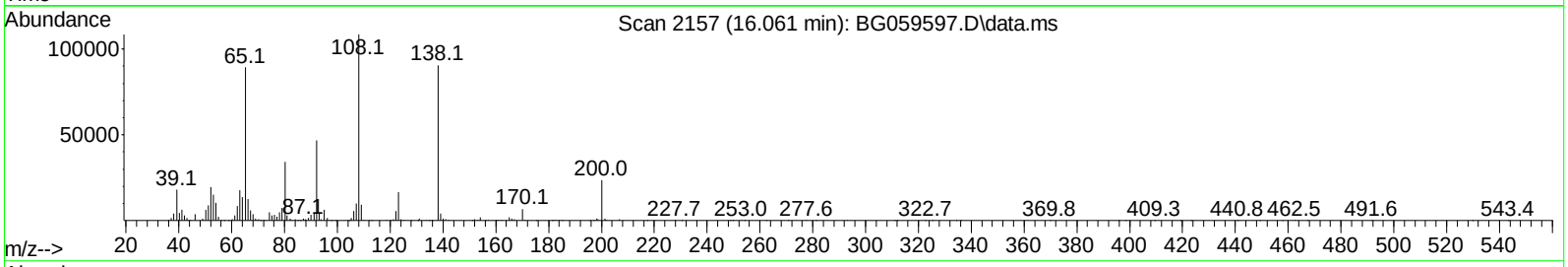
Quant Time: Nov 03 02:44:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

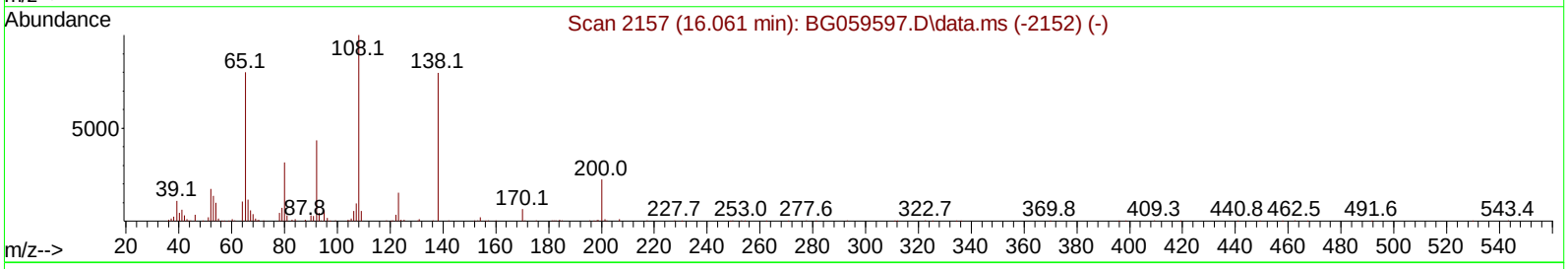
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059597.D\data.ms

(63) 4-Nitroaniline

16.061min (-0.008) 23.53 ng/ul m

response 147810

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.30	51.71
108.00	126.10	119.78
0.00	0.00	0.00

Quantitation Report (Qedit)

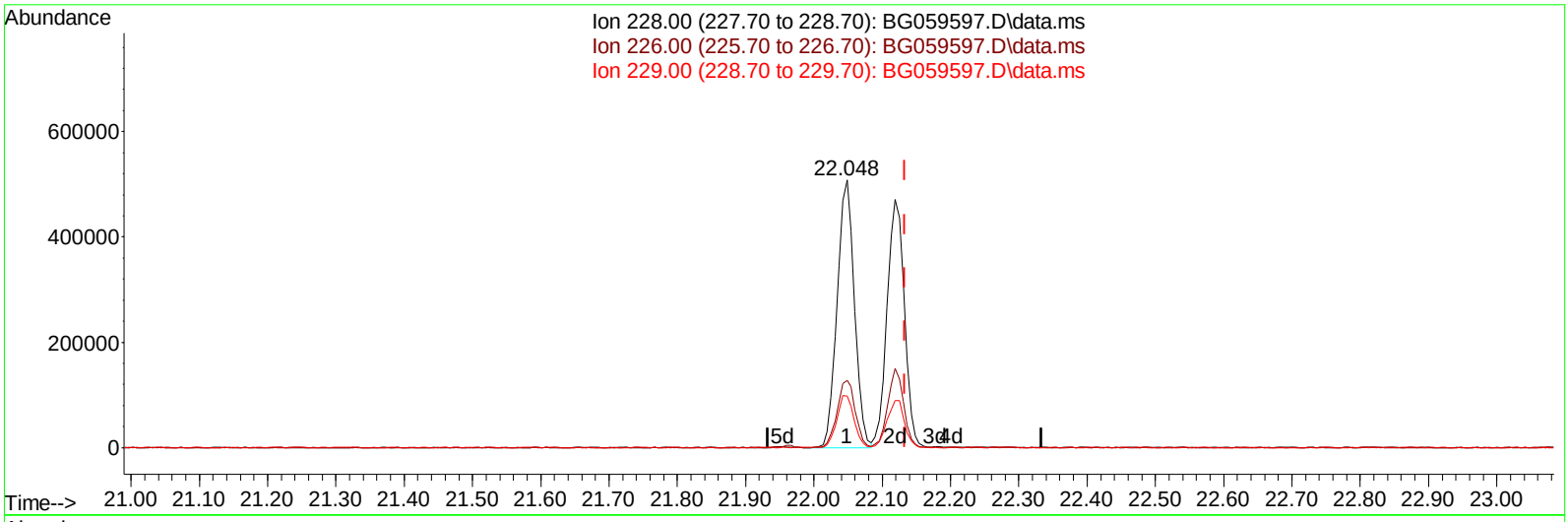
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059597.D
Acq On : 2 Nov 2023 9:12
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

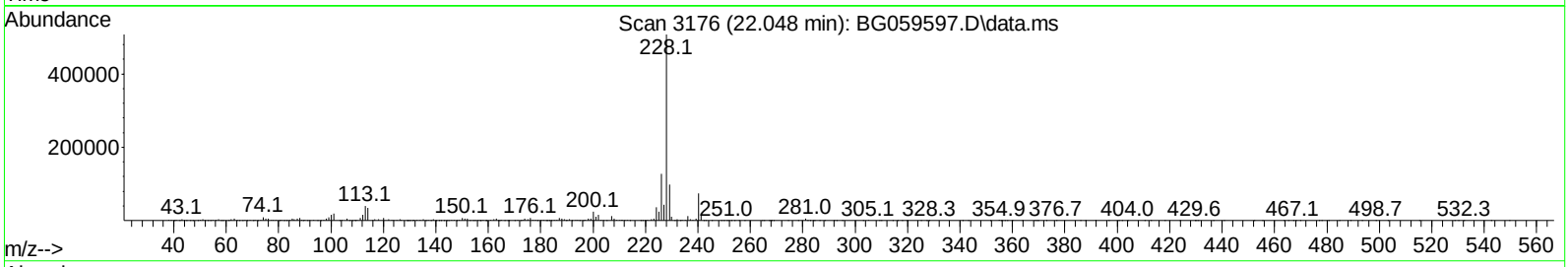
Quant Time: Nov 03 02:44:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

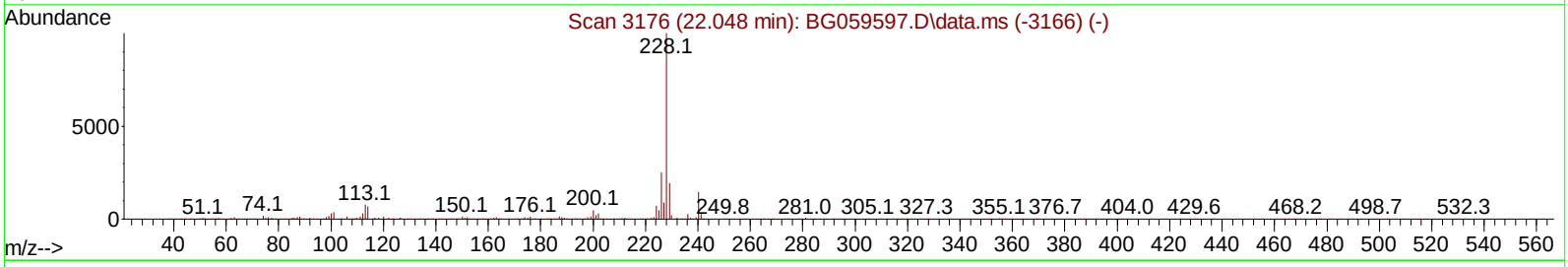
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059597.D\data.ms

(87) Chrysene

22.048min (-0.085) 20.22 ng/ul

response 895121

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	26.20	25.22
229.00	18.90	19.24
0.00	0.00	0.00

Quantitation Report (Qedit)

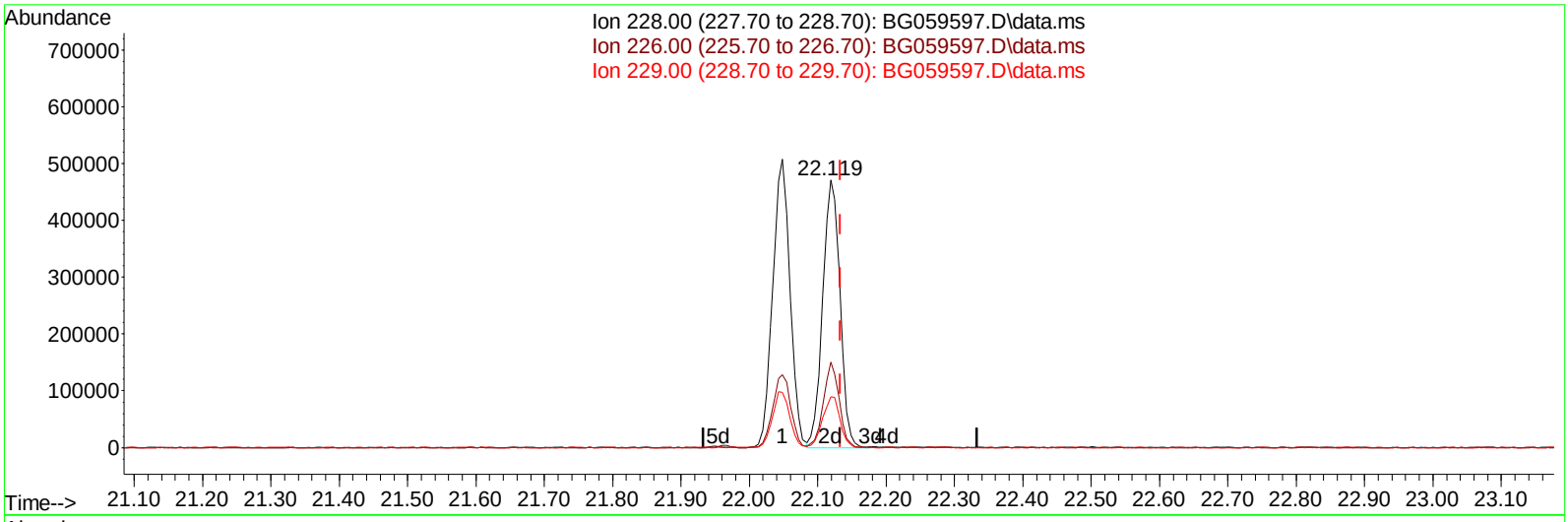
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059597.D
Acq On : 2 Nov 2023 9:12
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

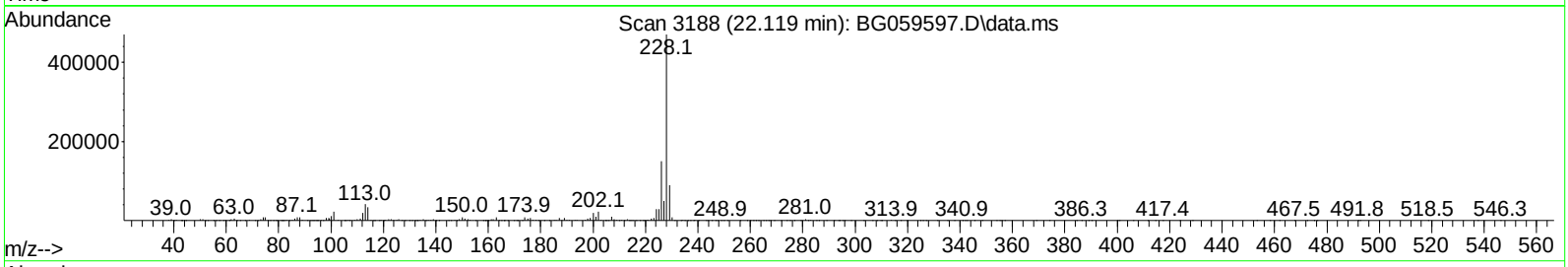
Quant Time: Nov 03 02:44:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

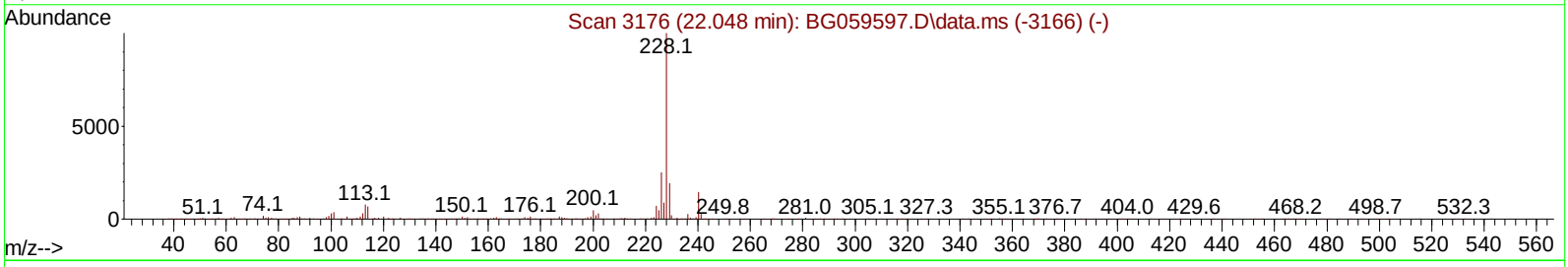
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059597.D\data.ms

(87) Chrysene

22.119min (-0.014) 18.76 ng/ul m

response 830586

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	26.20	31.94#
229.00	18.90	19.10
0.00	0.00	0.00

Quantitation Report (Qedit)

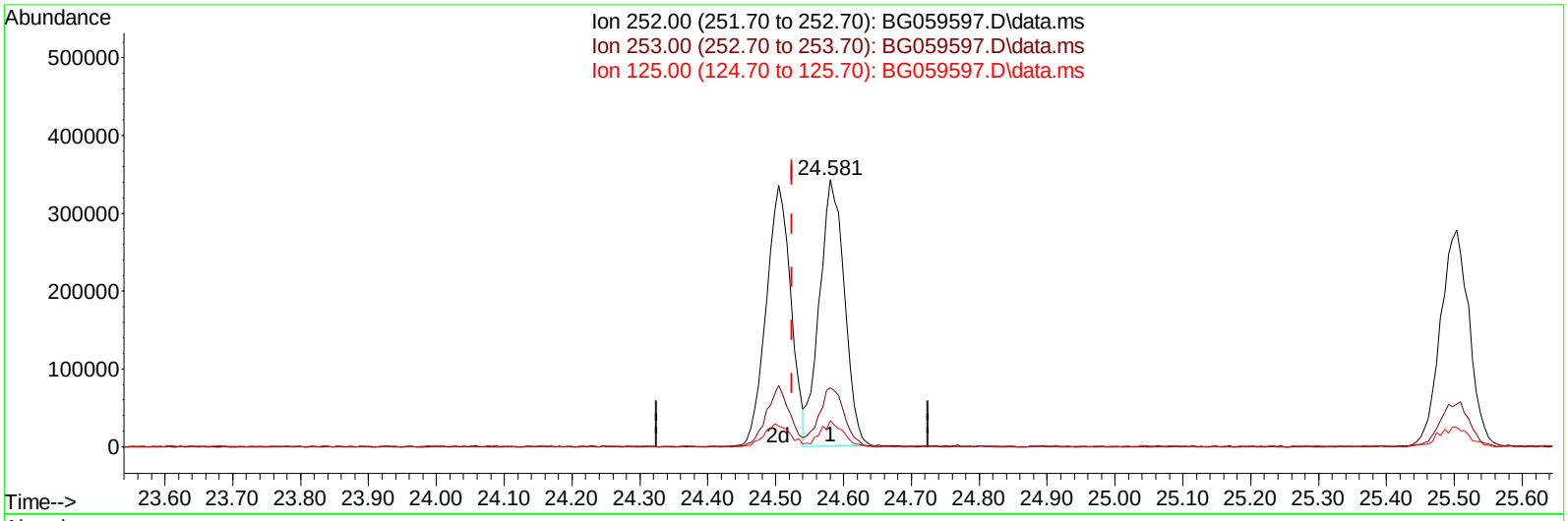
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059597.D
Acq On : 2 Nov 2023 9:12
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

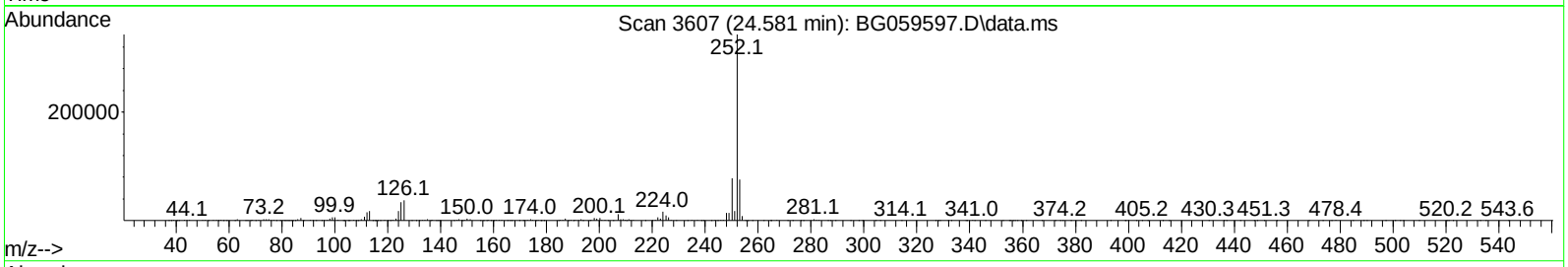
Quant Time: Nov 03 02:44:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

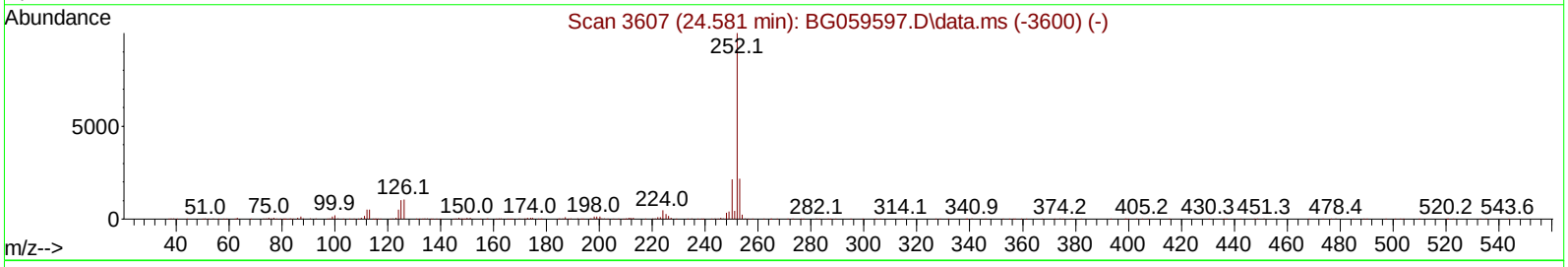
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059597.D\data.ms

(90) Benzo(b)fluoranthene

24.581min (+ 0.056) 18.90 ng/ul

response 877470

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.17
125.00	10.80	9.80
0.00	0.00	0.00

Quantitation Report (Qedit)

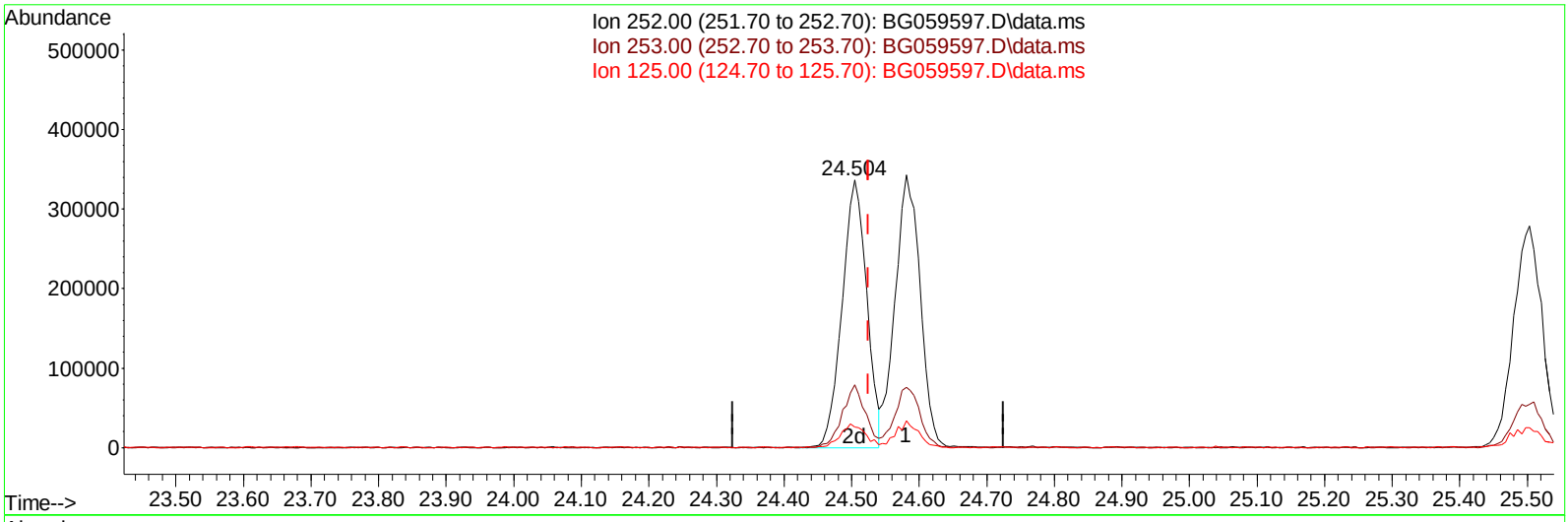
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059597.D
Acq On : 2 Nov 2023 9:12
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

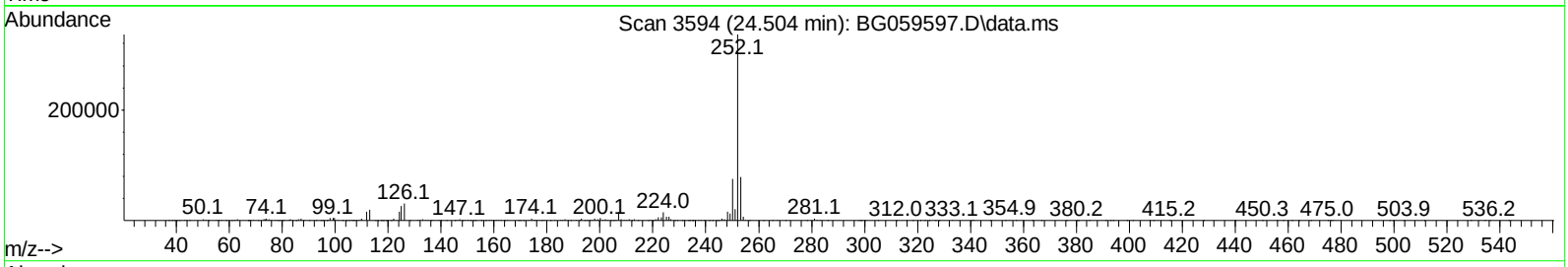
Quant Time: Nov 03 02:44:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

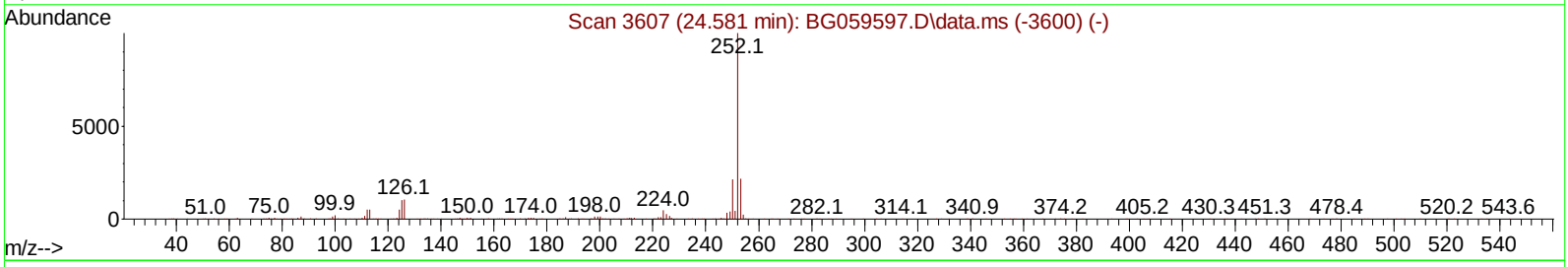
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059597.D\data.ms

(90) Benzo(b)fluoranthene

24.504min (-0.020) 18.31 ng/ul m

response 850232

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.50
125.00	10.80	7.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059597.D
Acq On : 2 Nov 2023 9:12
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 02:44:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
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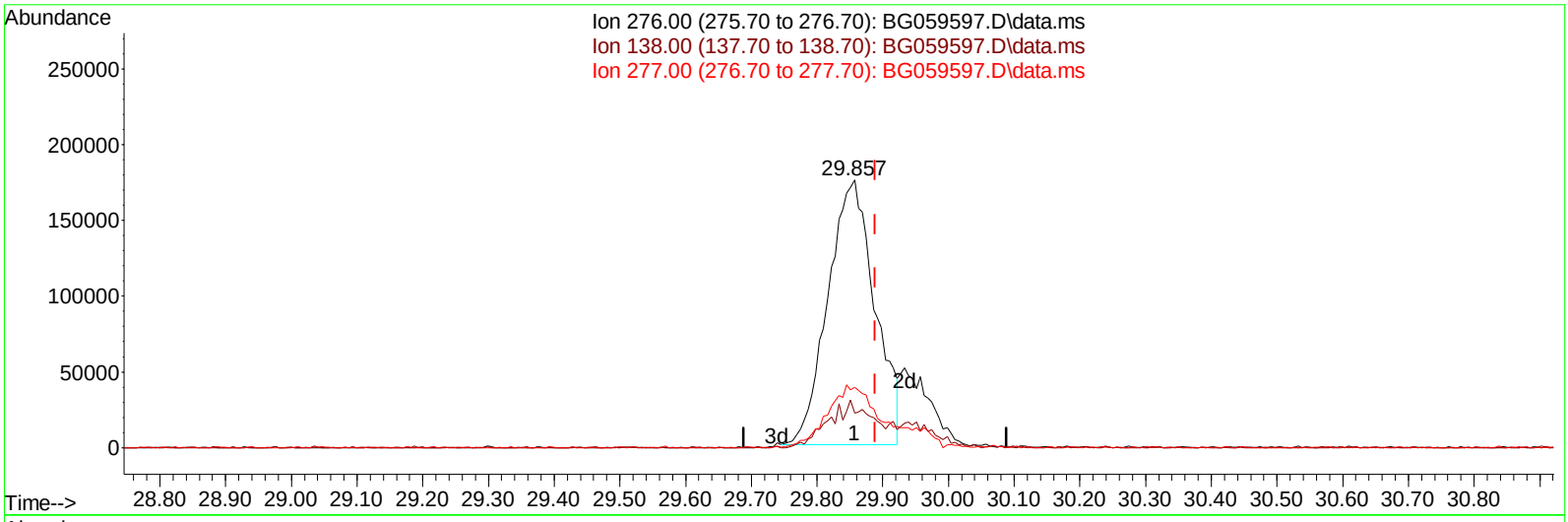
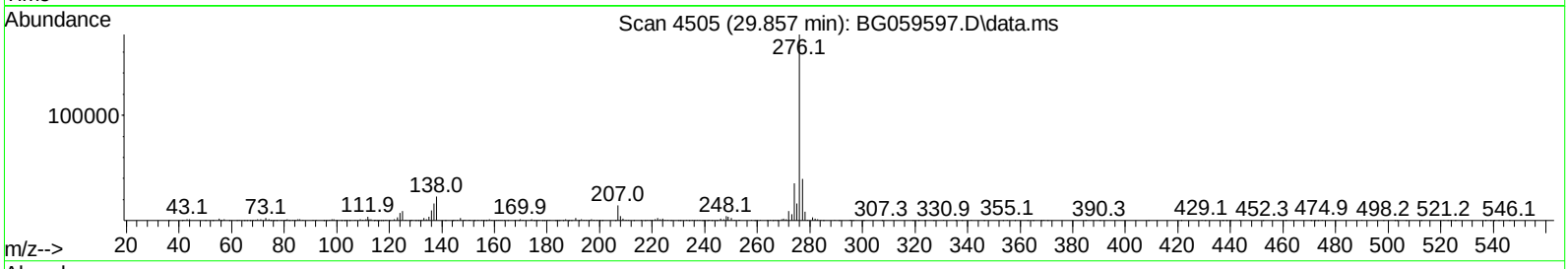
Response via : Initial Calibration

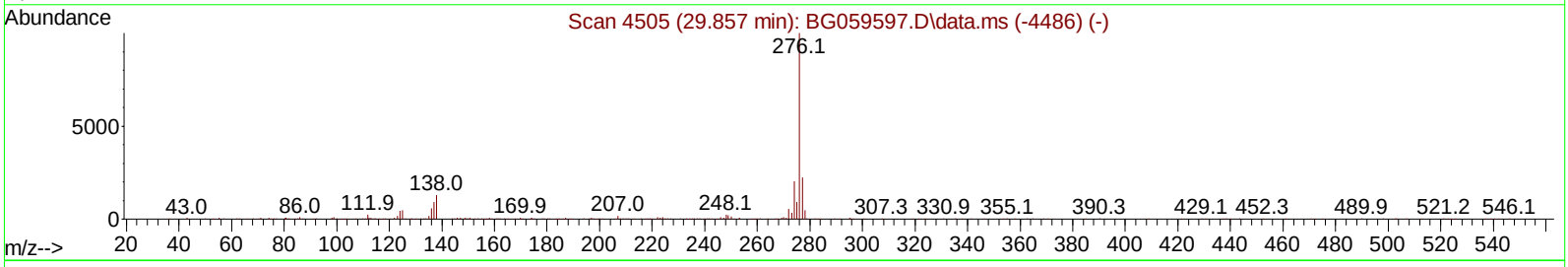
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059597.D\data.ms

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

29.857min (-0.032) 15.60 ng/ul

response 867701

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	12.88#
277.00	20.50	22.49
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059597.D
Acq On : 2 Nov 2023 9:12
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 02:44:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
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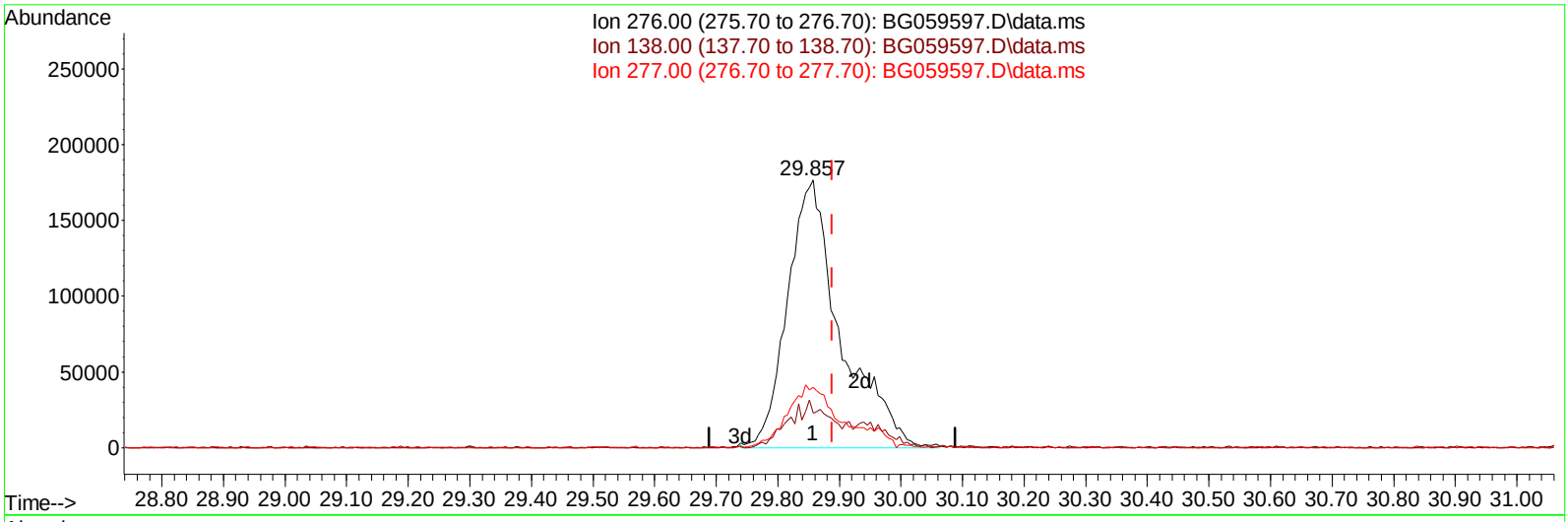
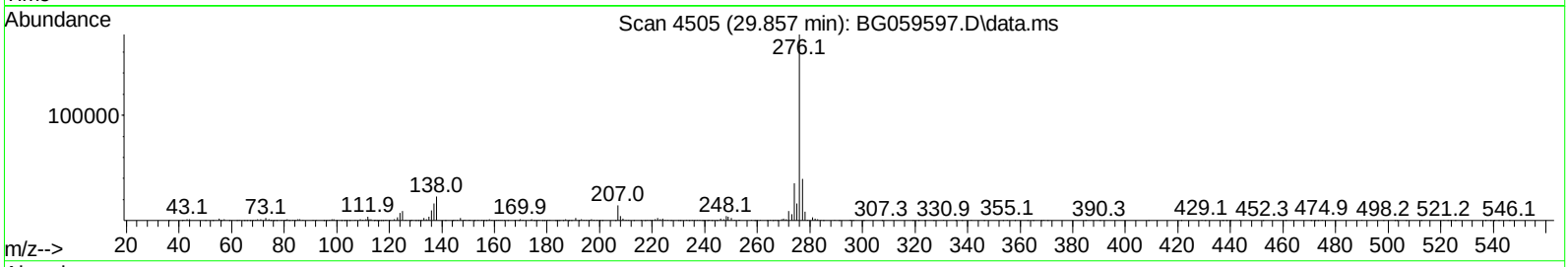
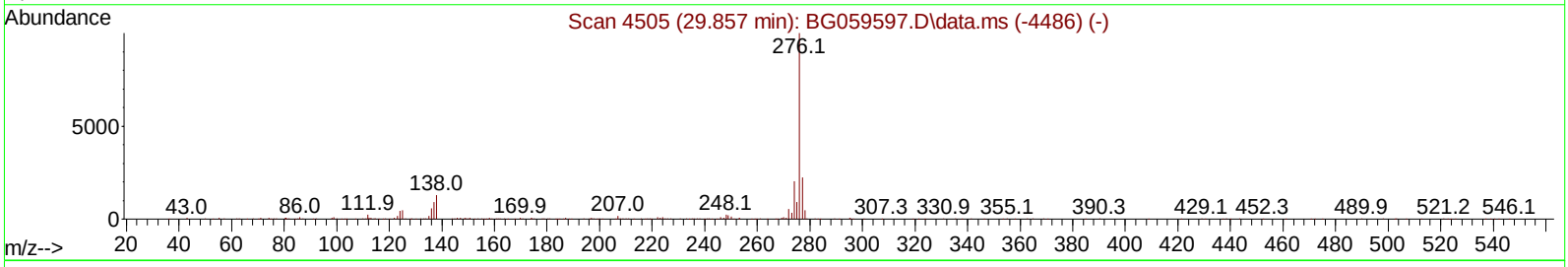
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059597.D\data.ms

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

29.857min (-0.032) 18.99 ng/ul m

response 1056282

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	12.88#
277.00	20.50	22.49
0.00	0.00	0.00

Quantitation Report (Qedit)

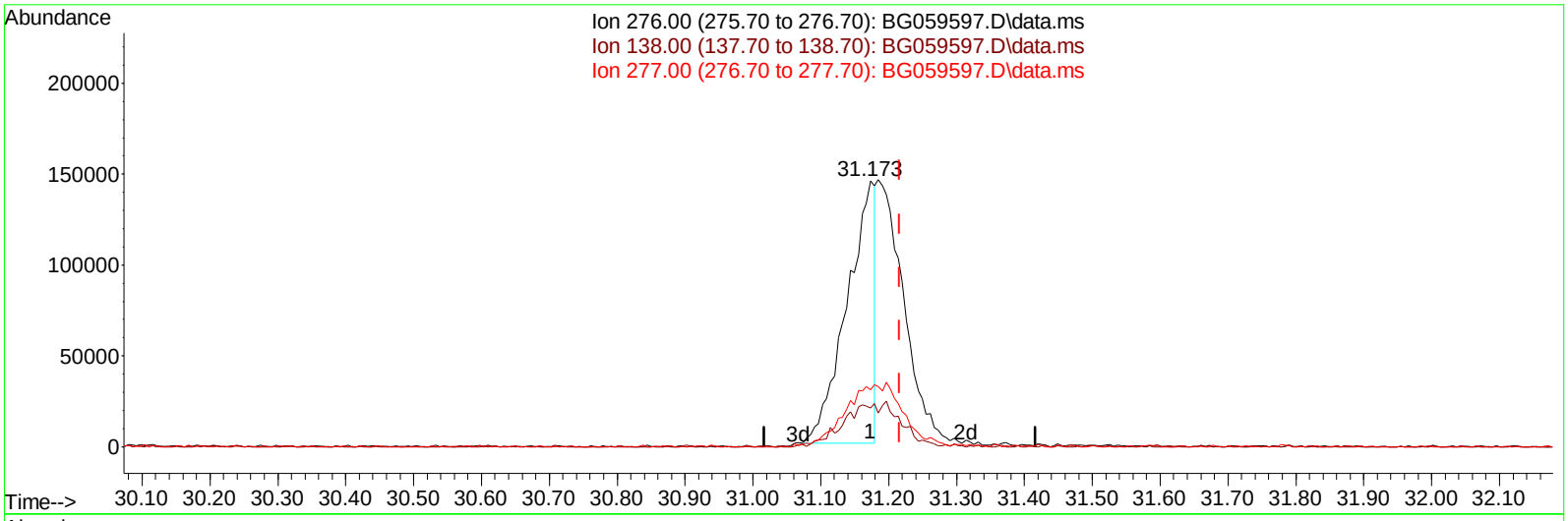
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059597.D
Acq On : 2 Nov 2023 9:12
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

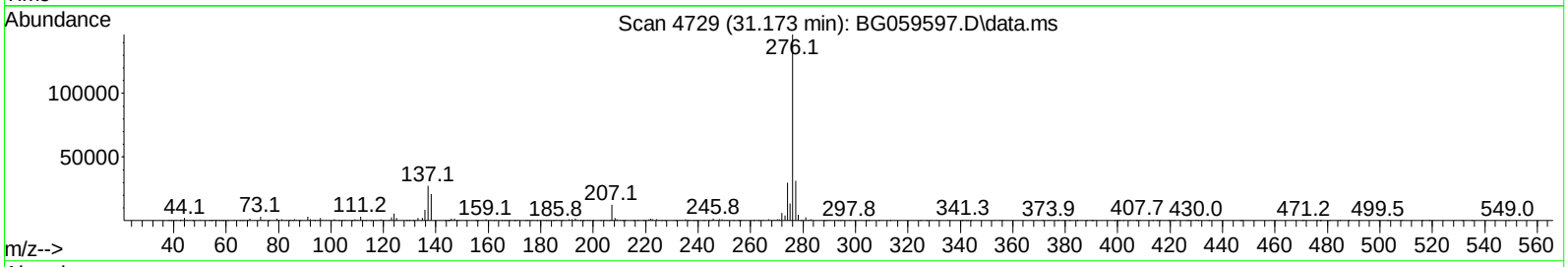
Quant Time: Nov 03 02:44:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

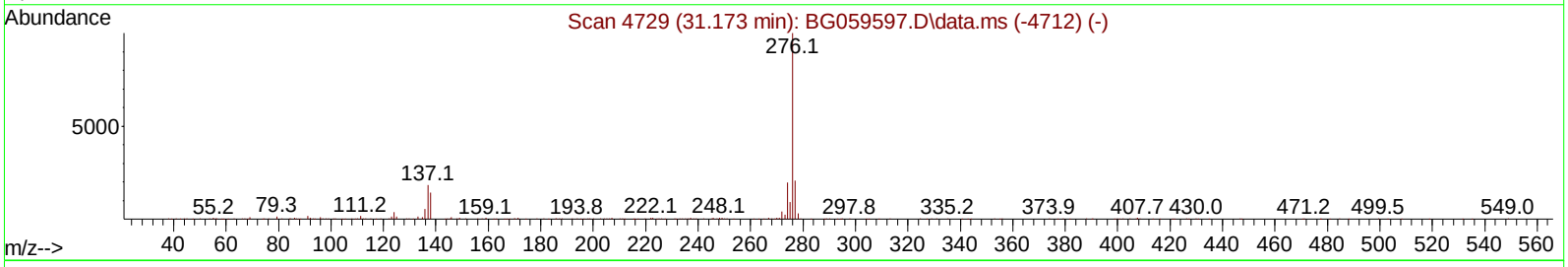
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059597.D\data.ms

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

31.173min (-0.044) 9.12 ng/ul

response 415346

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.20	14.48#
277.00	22.80	21.51
0.00	0.00	0.00

Quantitation Report (Qedit)

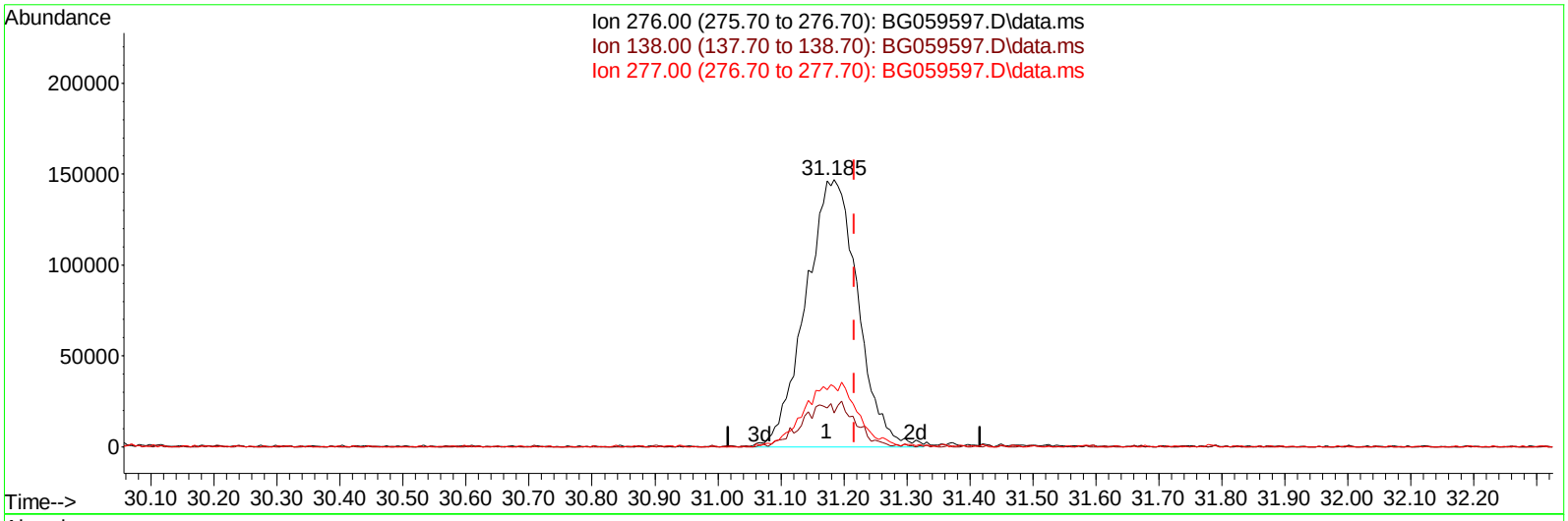
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059597.D
Acq On : 2 Nov 2023 9:12
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

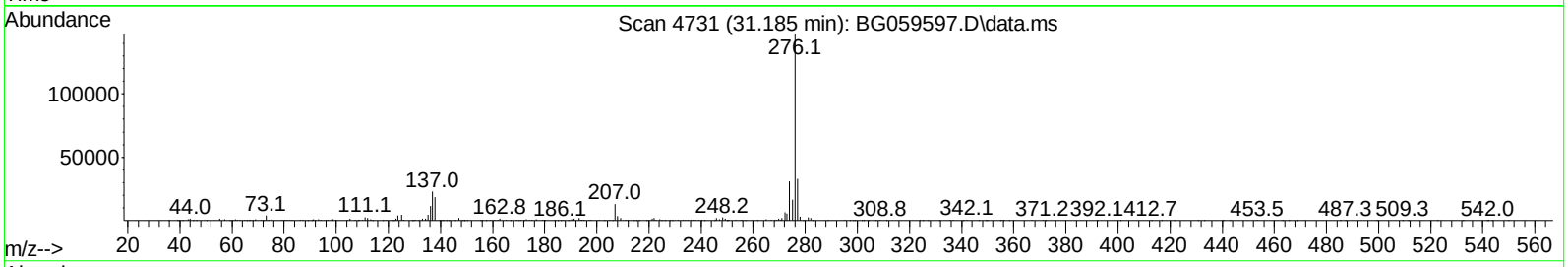
Quant Time: Nov 03 02:44:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

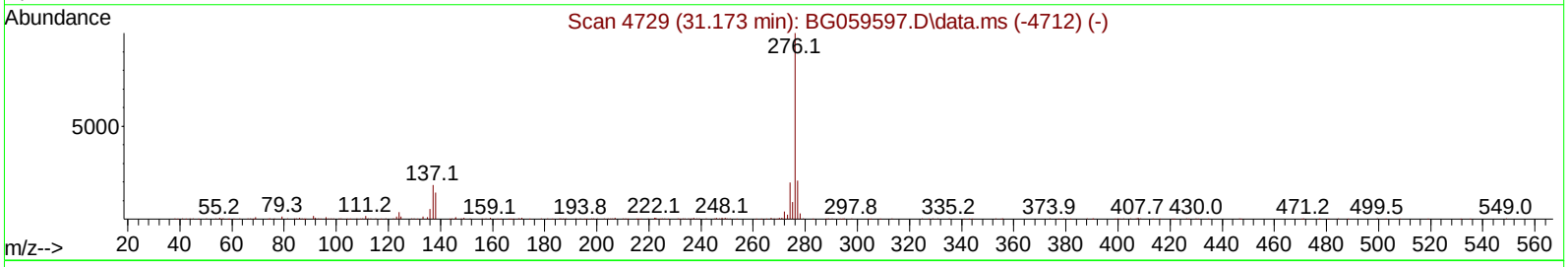
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023







TIC: BG059597.D\data.ms

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

31.185min (-0.032) 18.54 ng/ul m

response 844252

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.20	12.75#
277.00	22.80	22.49
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059597.D
Acq On : 2 Nov 2023 9:12
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 03:45:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	82275	20.000	ng/ul	0.00
20) Naphthalene-d8	11.202	136	557000	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.986	164	351635	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	747517	20.000	ng/ul	0.00
79) Chrysene-d12	22.072	240	578414	20.000	ng/ul	0.00
88) Perylene-d12	25.674	264	640552	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	15163	6.895	ng/uL	0.00
4) Pyridine-d5	4.087	84	104096	16.940	ng/ul	0.00
7) Phenol-d5	7.466	99	162468	19.216	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.671	67	65263	16.806	ng/ul	0.00
11) 2-Chlorophenol-d4	7.871	132	121051	17.648	ng/ul	0.00
15) 4-Methylphenol-d8	9.040	113	126483	18.857	ng/ul	0.00
21) Nitrobenzene-d5	9.551	128	65783	16.610	ng/ul	0.00
24) 2-Nitrophenol-d4	10.268	143	100923	24.823	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.797	165	188691	21.064	ng/ul	0.00
31) 4-Chloroaniline-d4	11.343	131	287237	19.479	ng/ul	0.00
46) Dimethylphthalate-d6	14.375	166	582929	18.298	ng/ul	-0.01
49) Acenaphthylene-d8	14.681	160	703296	18.812	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.151	143	111532	20.416	ng/ul	0.00
60) Fluorene-d10	15.967	176	517286	19.000	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.073	200	89978	25.417	ng/ul	0.00
73) Anthracene-d10	17.836	188	772113	19.066	ng/ul	0.00
81) Pyrene-d10	20.104	212	784804	19.520	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.421	264	716390	18.993	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.688	88	13976	5.678	ng/uL#	86
5) Pyridine	4.111	79	99952	16.490	ng/ul	87
6) Benzaldehyde	7.495	77	86110	22.612	ng/ul	98
8) Phenol	7.495	94	156696	19.659	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.765	93	105727	18.088	ng/ul	95
12) 2-Chlorophenol	7.900	128	126771	18.643	ng/ul	98
13) 2-Methylphenol	8.776	108	121646	18.308	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.864	45	83118	15.111	ng/ul#	92
16) Acetophenone	9.199	105	195193	18.461	ng/ul	91
17) N-Nitroso-di-n-propyla...	9.164	70	86496	17.362	ng/ul#	95
18) 4-Methylphenol	9.105	108	130271	18.427	ng/ul	93
19) Hexachloroethane	9.440	117	53372	19.762	ng/ul	98
22) Nitrobenzene	9.598	77	137023	16.029	ng/ul	90
23) Isophorone	10.104	82	264157	12.271	ng/ul#	88
25) 2-Nitrophenol	10.309	139	106163	24.279	ng/ul#	81
26) 2,4-Dimethylphenol	10.327	107	214207	18.624	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.585	93	209266	17.458	ng/ul	98
29) 2,4-Dichlorophenol	10.826	162	173797	20.054	ng/ul#	89
30) Naphthalene	11.255	128	651255	18.759	ng/ul	97
32) 4-Chloroaniline	11.367	127	279334	19.942	ng/ul	87
33) Hexachlorobutadiene	11.484	225	94739	18.222	ng/ul	90
34) Caprolactam	12.137	113	57514	18.141	ng/ul	88
35) 4-Chloro-3-methylphenol	12.436	107	214071	20.702	ng/ul	93

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059597.D
Acq On : 2 Nov 2023 9:12
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 03:45:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.836	142	436933	18.294	ng/ul	96
37) 1-Methylnaphthalene	13.047	142	462264	19.432	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.177	216	192717	19.002	ng/ul	93
40) Hexachlorocyclopentadiene	13.130	237	100372	16.977	ng/ul	97
41) 2,4,6-Trichlorophenol	13.417	196	142958	20.356	ng/ul	97
42) 2,4,5-Trichlorophenol	13.482	196	152734	20.088	ng/ul	96
43) 1,1'-Biphenyl	13.817	154	589815	18.542	ng/ul	97
44) 2-Chloronaphthalene	13.876	162	460611	18.630	ng/ul	97
45) 2-Nitroaniline	14.087	65	122736	26.680	ng/ul	94
47) Dimethylphthalate	14.422	163	568660	18.067	ng/ul#	95
48) 2,6-Dinitrotoluene	14.569	165	119174	25.100	ng/ul#	84
50) Acenaphthylene	14.716	152	800327	18.579	ng/ul	97
51) 3-Nitroaniline	14.904	138	144686	24.448	ng/ul#	75
52) Acenaphthene	15.045	153	516605	18.398	ng/ul	95
53) 2,4-Dinitrophenol	15.092	184	59978	22.233	ng/ul#	79
55) 4-Nitrophenol	15.168	109	135506	22.507	ng/ul	99
56) Dibenzofuran	15.380	168	693737	19.057	ng/ul	88
57) 2,4-Dinitrotoluene	15.345	165	169590	25.393	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.585	232	131825	22.091	ng/ul#	89
59) Diethylphthalate	15.768	149	631227	18.385	ng/ul	96
61) Fluorene	16.026	166	597120	19.001	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.009	204	258616	19.256	ng/ul	97
63) 4-Nitroaniline	16.061	138	147810m	23.535	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.091	198	86984	23.315	ng/ul#	91
67) N-Nitrosodiphenylamine	16.226	169	493867	19.336	ng/ul	97
68) 4-Bromophenyl-phenylether	16.907	248	162091	21.669	ng/ul	98
69) Hexachlorobenzene	17.001	284	185561	21.465	ng/ul	91
70) Atrazine	17.160	200	162935	20.586	ng/ul#	93
71) Pentachlorophenol	17.354	266	106101	21.484	ng/ul	96
72) Phenanthrene	17.777	178	903636	18.595	ng/ul	98
74) Anthracene	17.871	178	929225	18.938	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.776	216	195719	19.661	ng/uL	91
76) Pentachlorobenzene	15.274	250	198246	20.987	ng/uL	97
77) Carbazole	18.141	167	830726	19.708	ng/ul	97
78) Di-n-butylphthalate	18.652	149	1066248	18.410	ng/ul	99
80) Fluoranthene	19.769	202	944475	19.271	ng/ul	100
82) Pyrene	20.133	202	953624	18.733	ng/ul	99
83) Butylbenzylphthalate	20.997	149	471534	20.510	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.960	252	331207	22.020	ng/ul#	96
85) Benzo(a)anthracene	22.048	228	895121	18.805	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.884	149	666988	19.443	ng/ul	100
87) Chrysene	22.119	228	830586m	18.758	ng/ul	
89) Di-n-octyl phthalate	23.235	149	1127211	20.099	ng/ul	100
90) Benzo(b)fluoranthene	24.504	252	850232m	18.311	ng/ul	
91) Benzo(k)fluoranthene	24.581	252	877470	18.919	ng/ul	100
93) Benzo(a)pyrene	25.503	252	815186	18.576	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.857	276	1056282m	18.990	ng/ul	
95) Dibenzo(a,h)anthracene	29.939	278	835517	18.187	ng/ul	97
96) Benzo(g,h,i)perylene	31.185	276	844252m	18.544	ng/ul	

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

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/03/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
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