Quantitation Report (Qedit)

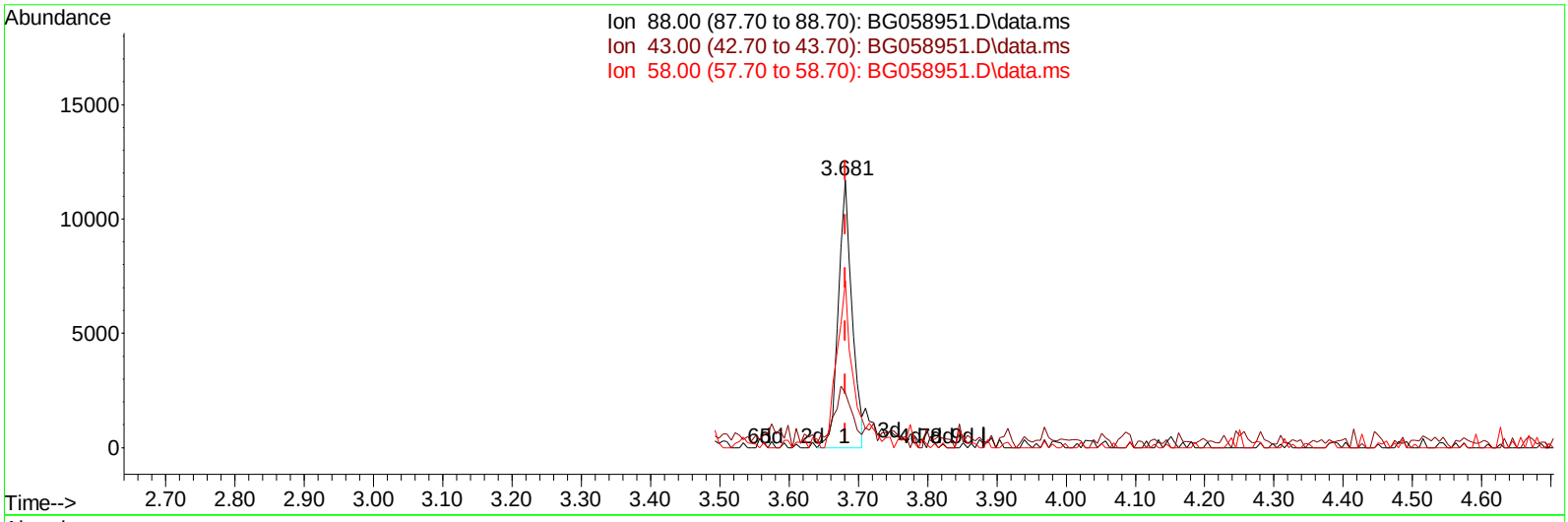
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058951.D
Acq On : 9 Sep 2023 14:54
Operator : MA/JU
Sample : PB155306BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

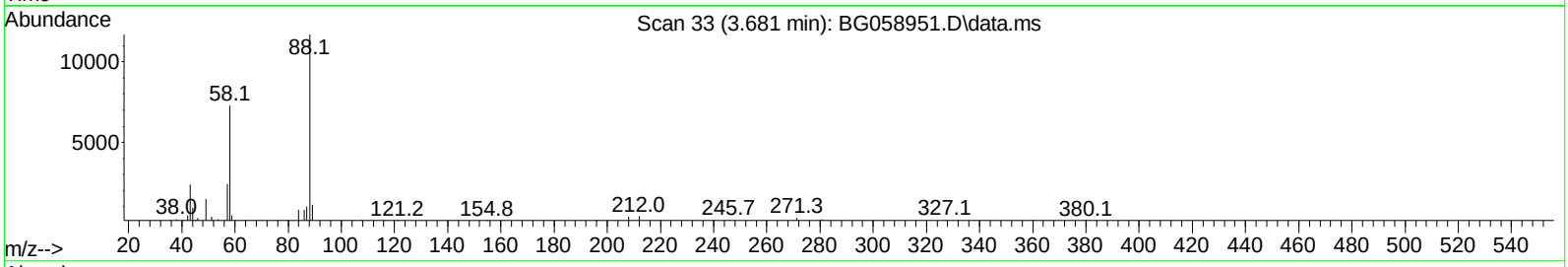
Quant Time: Sep 10 01:31:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 00:11:02 2023
Response via : Initial Calibration

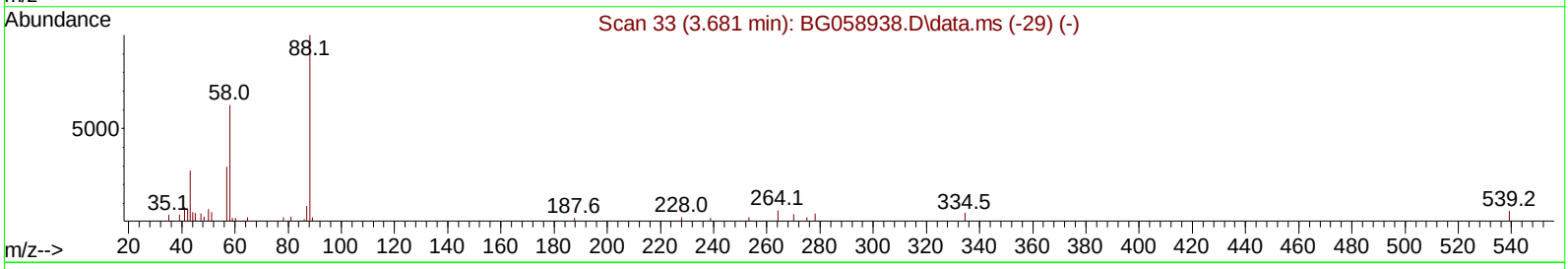
Instrument :
BNA_G
ClientSampleId :
SLCS306

Manual IntegrationsAPPROVED

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







TIC: BG058951.D\data.ms

(2) 1,4-Dioxane

3.681min (-0.001) 9.10 ng/uL

response 15998

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	24.80	20.43
58.00	62.40	62.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058951.D
Acq On : 9 Sep 2023 14:54
Operator : MA/JU
Sample : PB155306BS
Misc :
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Quant Title : SVOA CALIBRATION
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SLCS306

Manual IntegrationsAPPROVED

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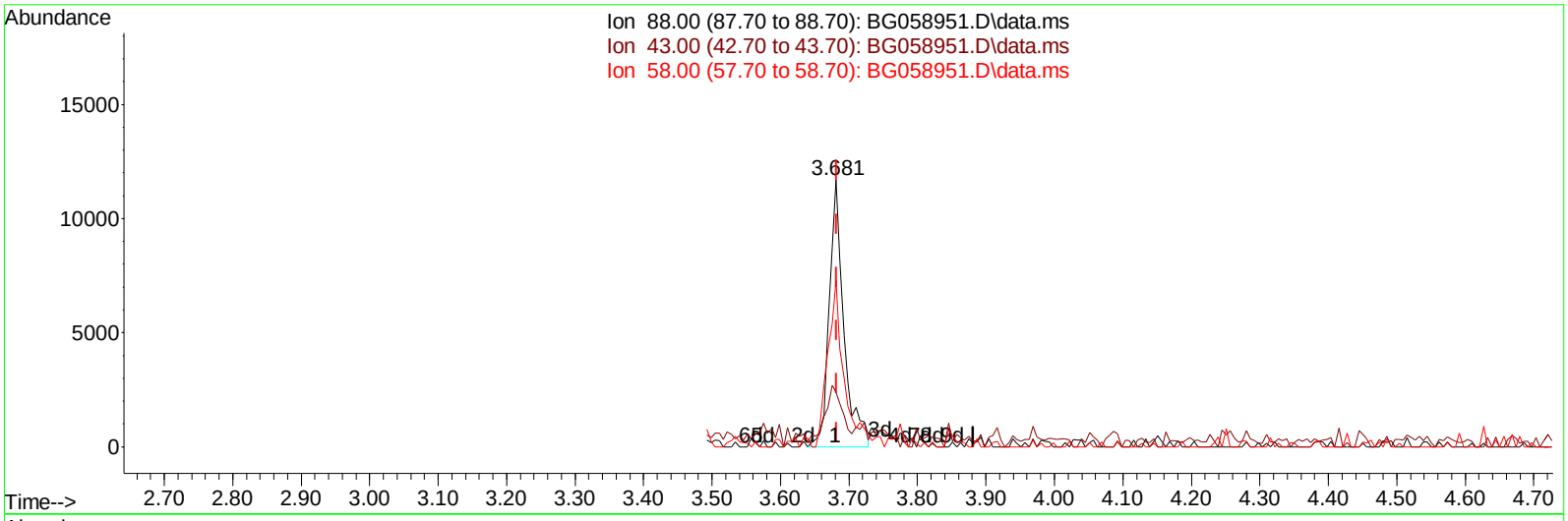
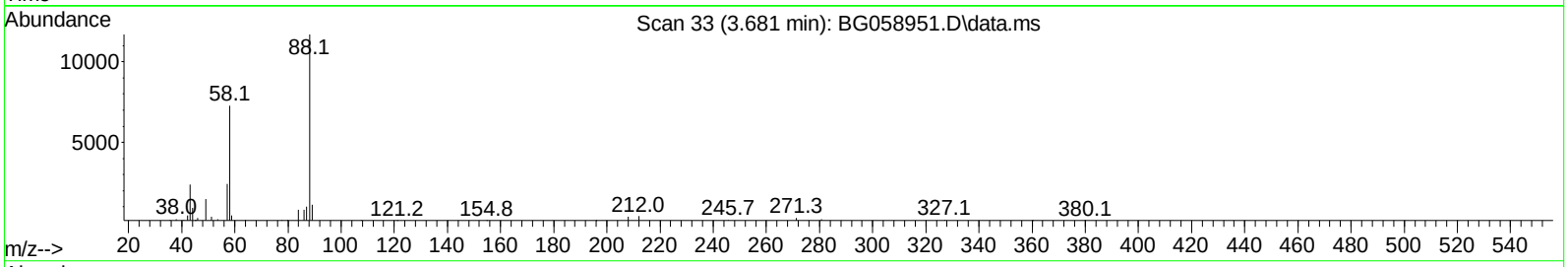
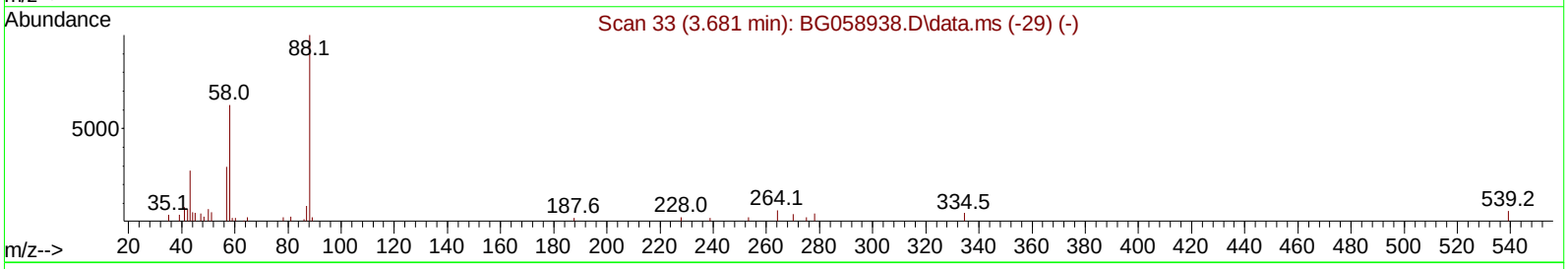






TIC: BG058951.D\data.ms

(2) 1,4-Dioxane

3.681min (-0.001) 10.00 ng/uL m

response 17576

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	24.80	20.43
58.00	62.40	62.29
0.00	0.00	0.00

Quantitation Report (Qedit)

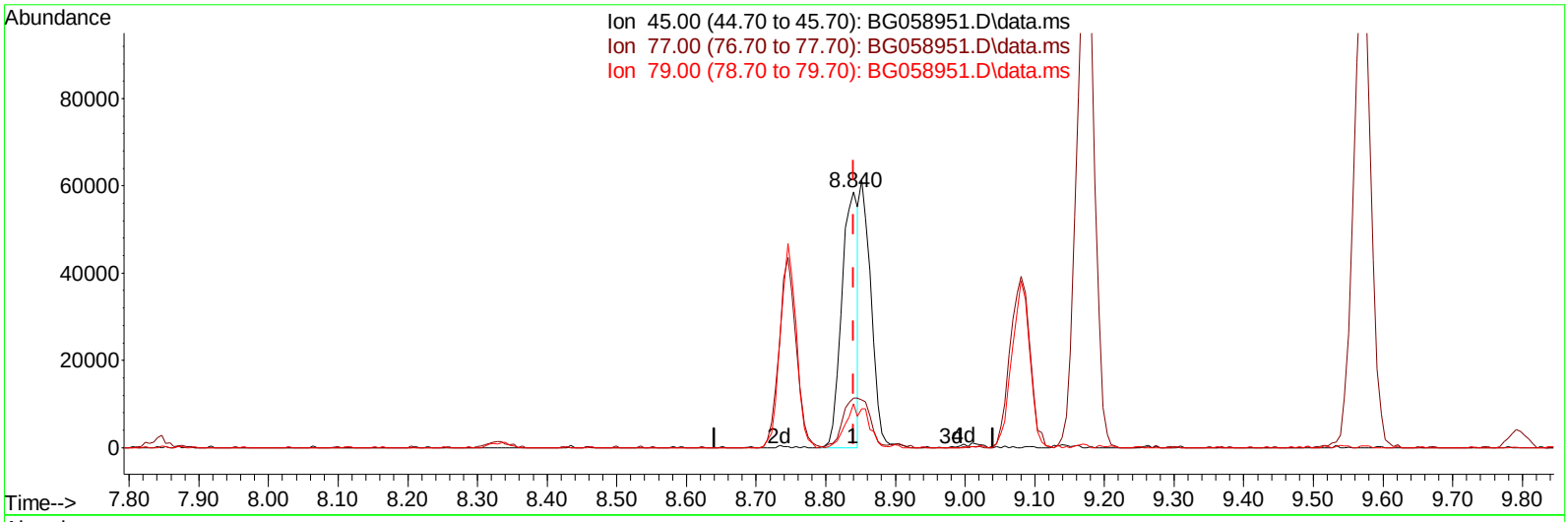
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058951.D
Acq On : 9 Sep 2023 14:54
Operator : MA/JU
Sample : PB155306BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

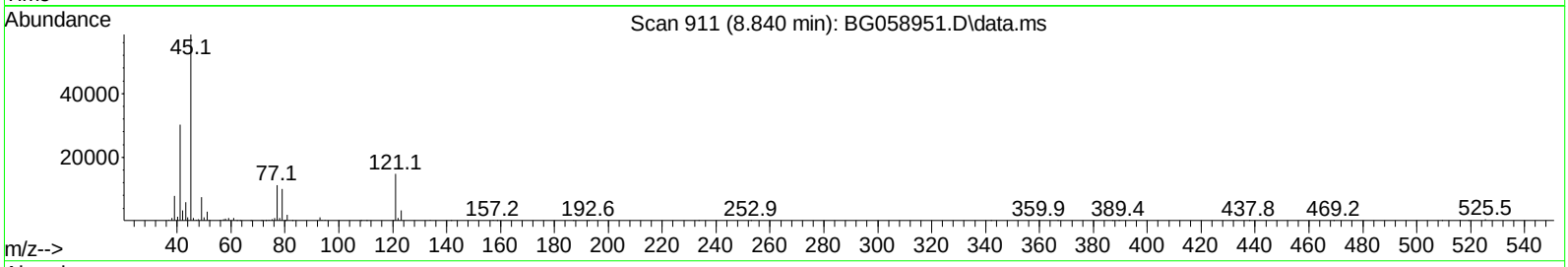
Quant Time: Sep 10 02:22:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 00:11:02 2023
Response via : Initial Calibration

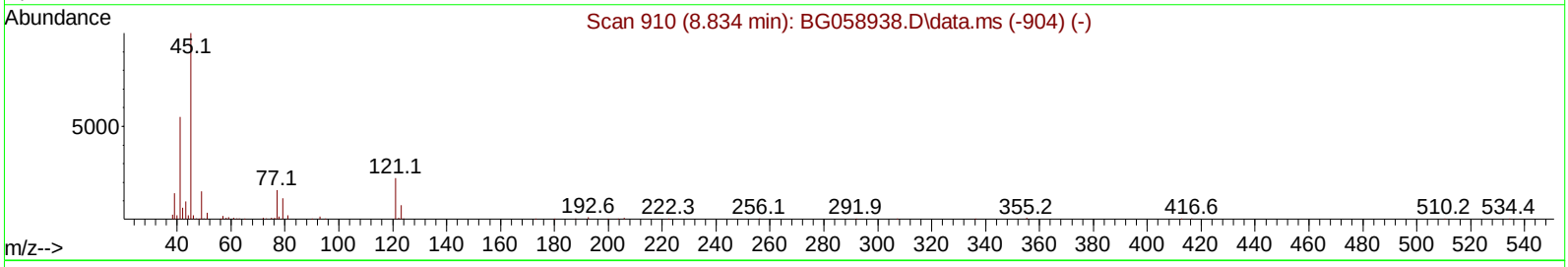
Instrument :
BNA_G
ClientSampleId :
SLCS306

Manual IntegrationsAPPROVED

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







TIC: BG058951.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.840min (-0.001) 15.74 ng/ul

response 96199

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	22.30	19.29
79.00	14.90	17.12
0.00	0.00	0.00

Quantitation Report (Qedit)

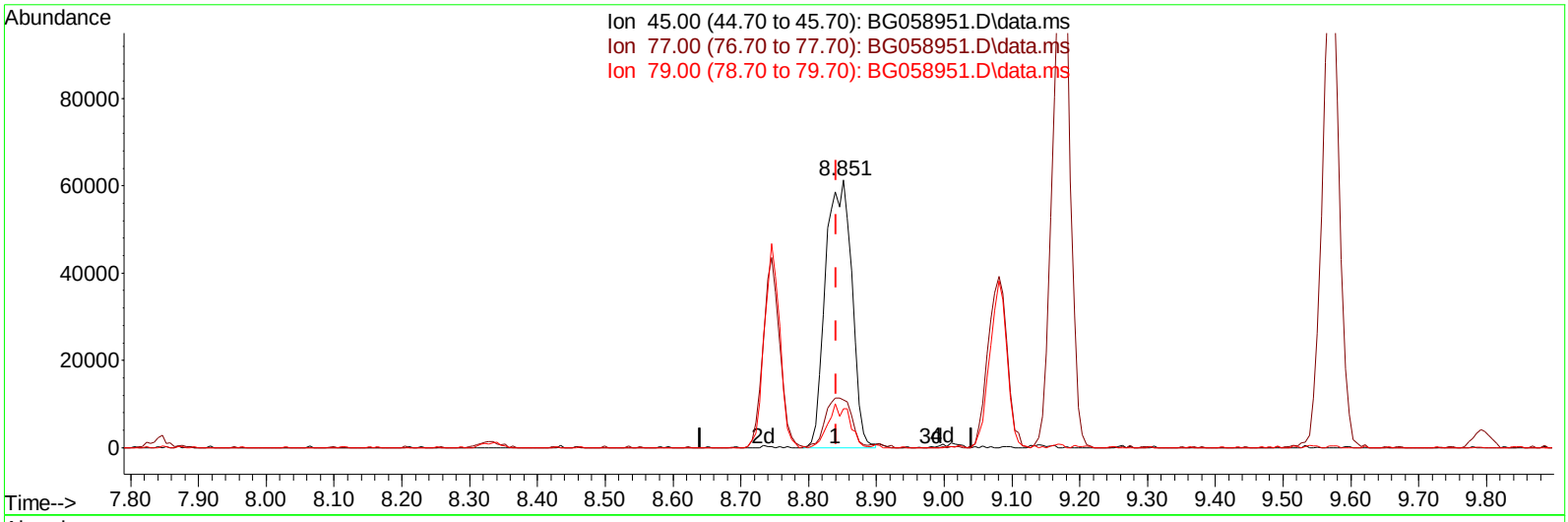
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058951.D
Acq On : 9 Sep 2023 14:54
Operator : MA/JU
Sample : PB155306BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

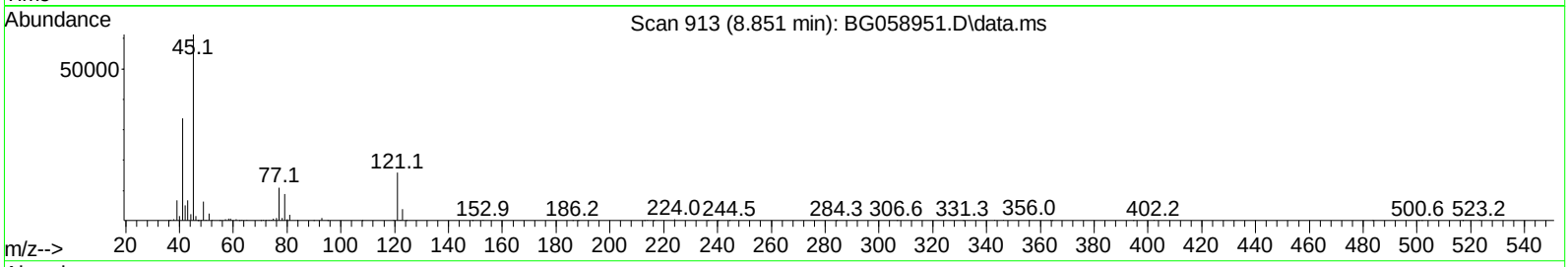
Quant Time: Sep 10 02:22:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 00:11:02 2023
Response via : Initial Calibration

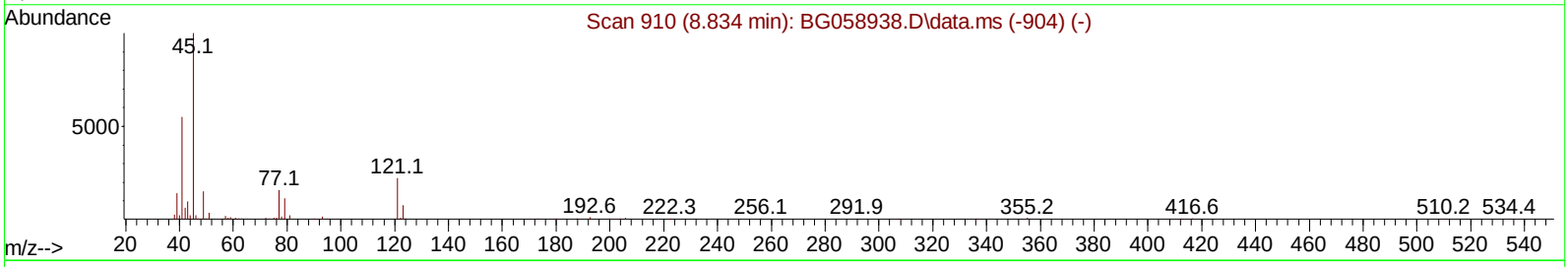
Instrument :
BNA_G
ClientSampleId :
SLCS306

Manual IntegrationsAPPROVED

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







TIC: BG058951.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.851min (+ 0.011) 26.96 ng/ul m

response 164820

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	22.30	17.89
79.00	14.90	14.59
0.00	0.00	0.00

Quantitation Report (Qedit)

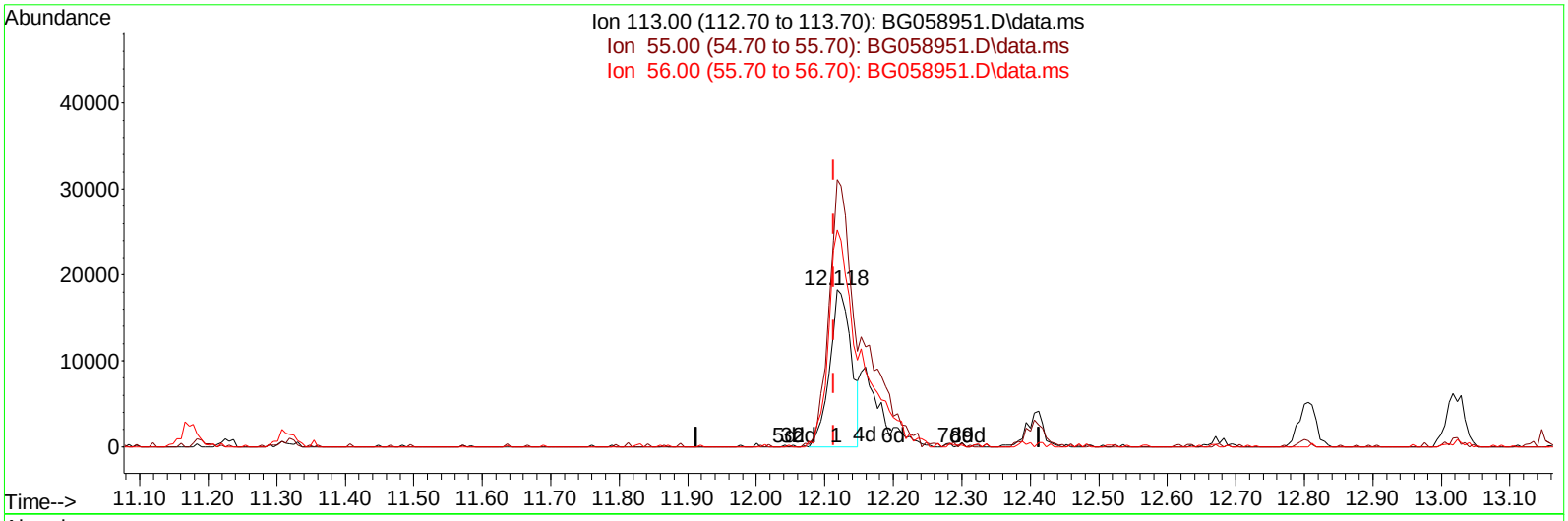
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058951.D
Acq On : 9 Sep 2023 14:54
Operator : MA/JU
Sample : PB155306BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

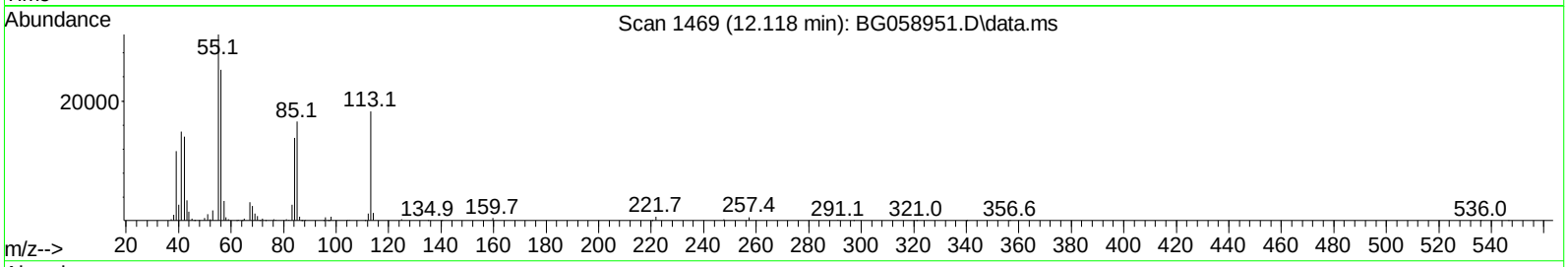
Quant Time: Sep 10 02:22:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 00:11:02 2023
Response via : Initial Calibration

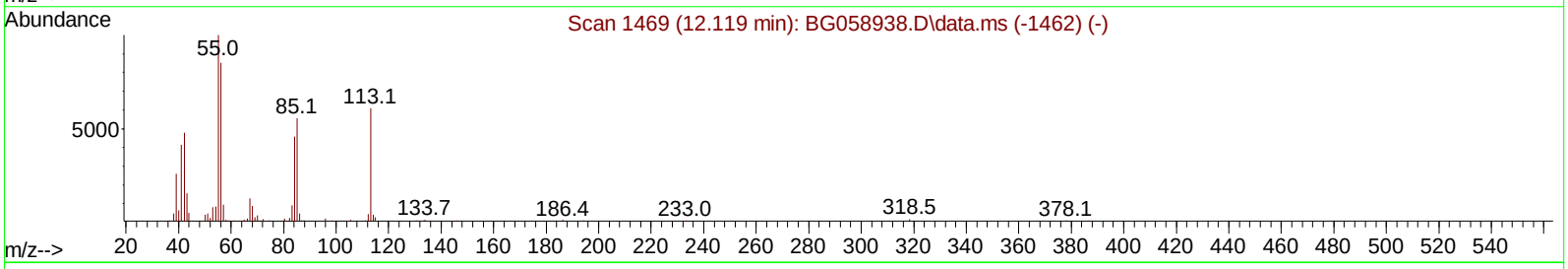
Instrument :
BNA_G
ClientSampleId :
SLCS306

Manual IntegrationsAPPROVED

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







TIC: BG058951.D\data.ms

(34) Caprolactam

12.118min (+ 0.005) 21.51 ng/ul

response 39883

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	130.70	169.79#
56.00	123.50	137.87
0.00	0.00	0.00

Quantitation Report (Qedit)

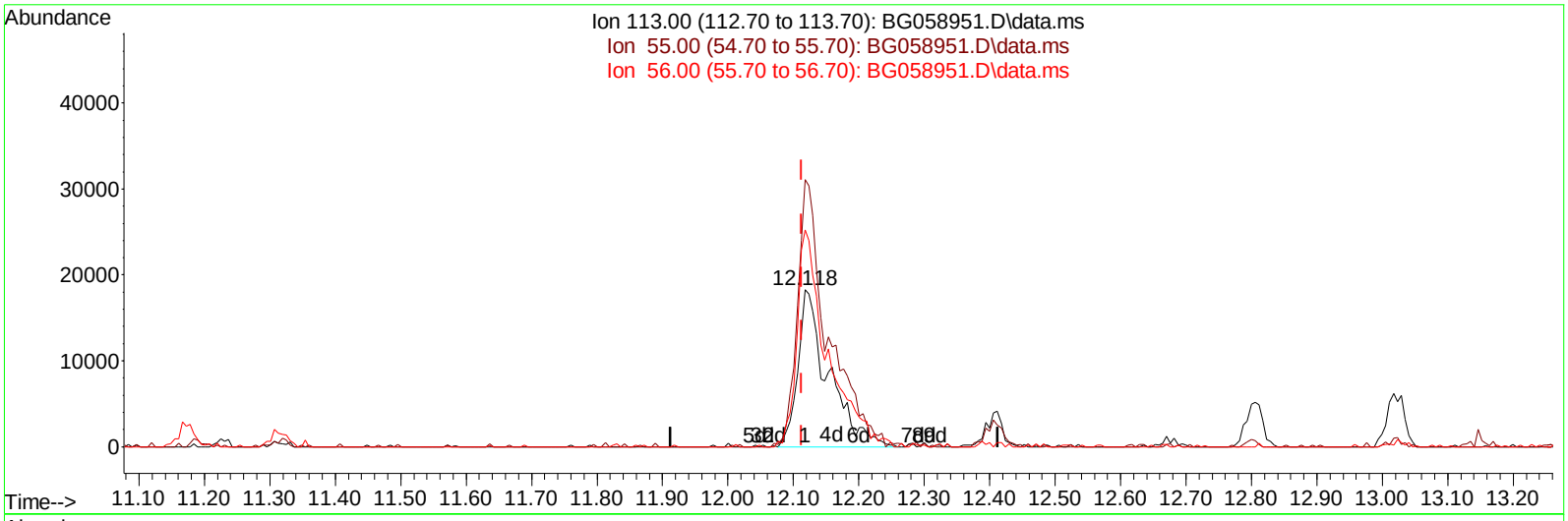
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058951.D
Acq On : 9 Sep 2023 14:54
Operator : MA/JU
Sample : PB155306BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

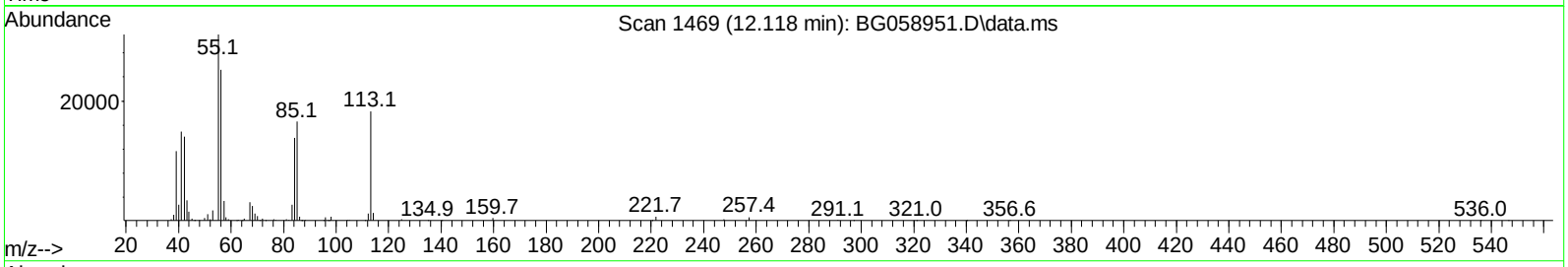
Quant Time: Sep 10 02:22:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 00:11:02 2023
Response via : Initial Calibration

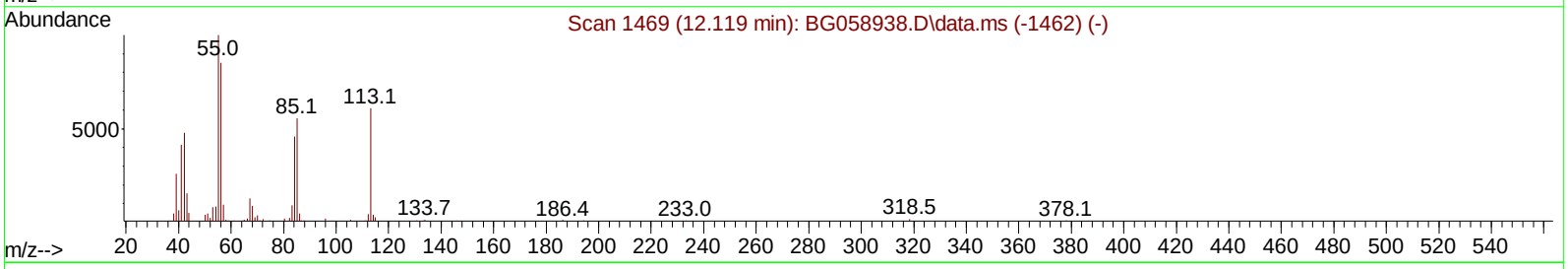
Instrument :
BNA_G
ClientSampleId :
SLCS306

Manual IntegrationsAPPROVED

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







TIC: BG058951.D\data.ms

(34) Caprolactam

12.118min (+ 0.005) 31.99 ng/ul m

response 59321

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	130.70	169.79#
56.00	123.50	137.87
0.00	0.00	0.00

Quantitation Report (Qedit)

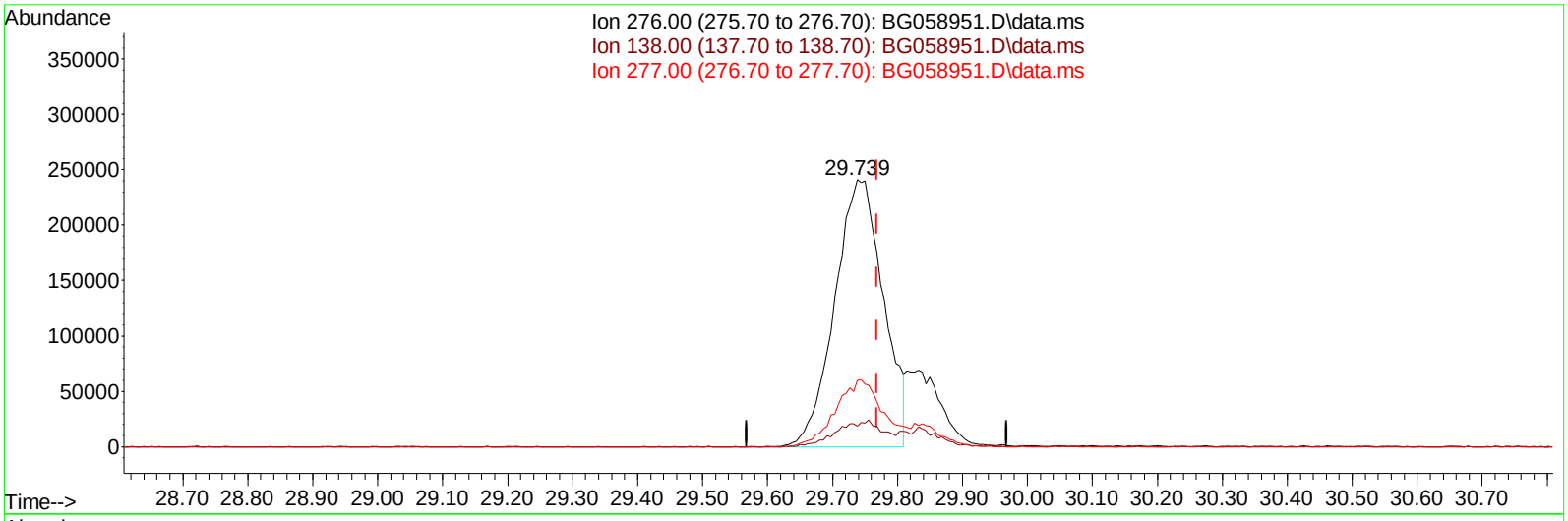
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058951.D
Acq On : 9 Sep 2023 14:54
Operator : MA/JU
Sample : PB155306BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

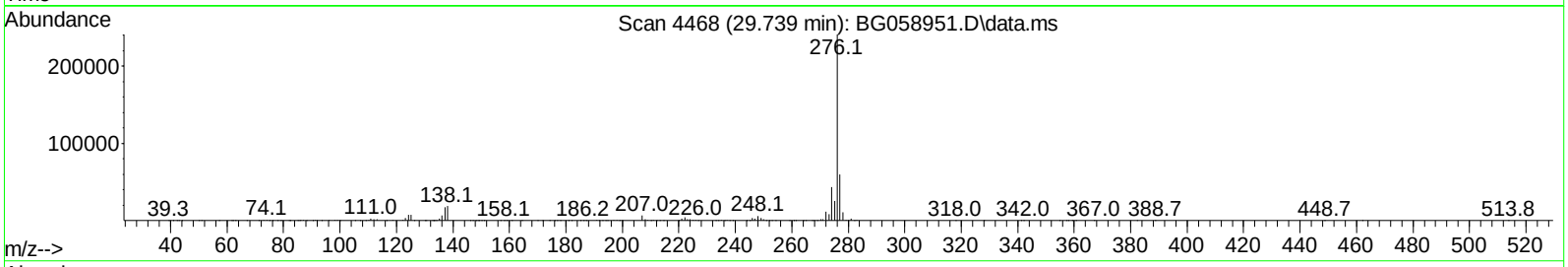
Quant Time: Sep 10 02:22:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 00:11:02 2023
Response via : Initial Calibration

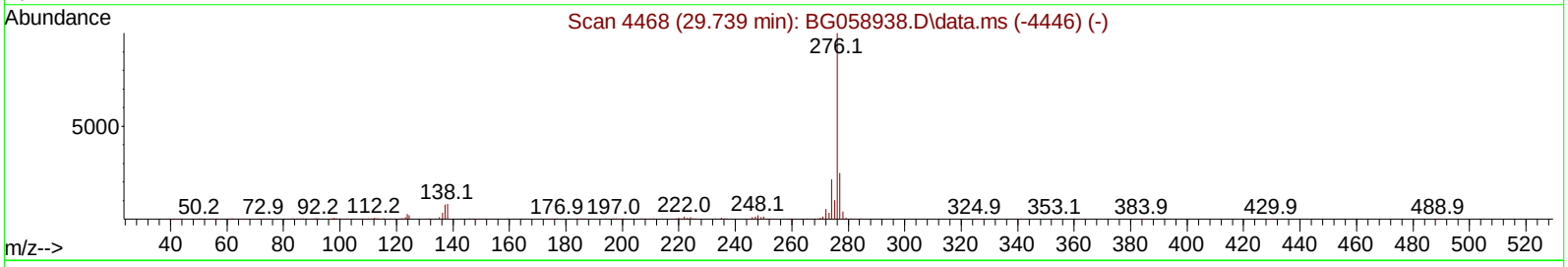
Instrument :
BNA_G
ClientSampleId :
SLCS306

Manual IntegrationsAPPROVED

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







TIC: BG058951.D\data.ms

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

29.739min (-0.030) 24.37 ng/ul

response 1251292

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.70	7.73
277.00	22.20	24.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058951.D
Acq On : 9 Sep 2023 14:54
Operator : MA/JU
Sample : PB155306BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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ClientSampleId :
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Manual IntegrationsAPPROVED

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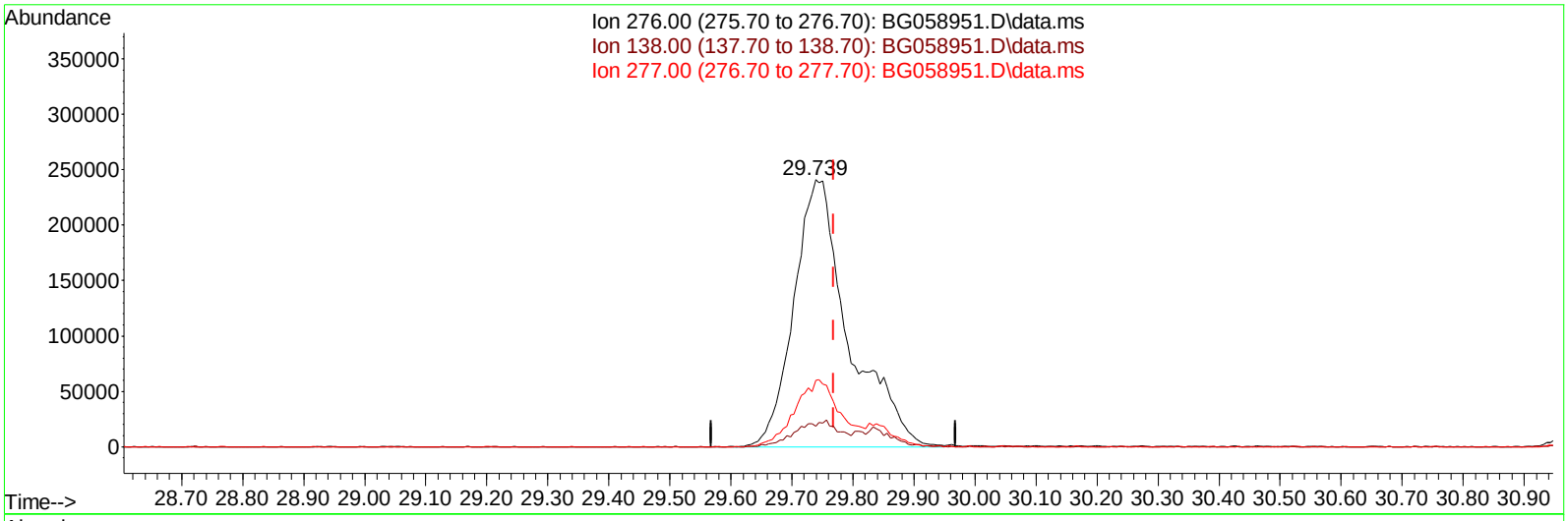
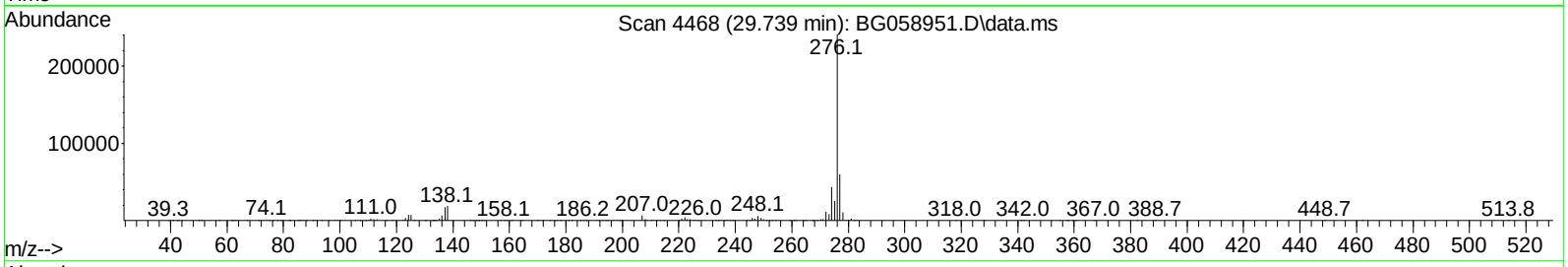
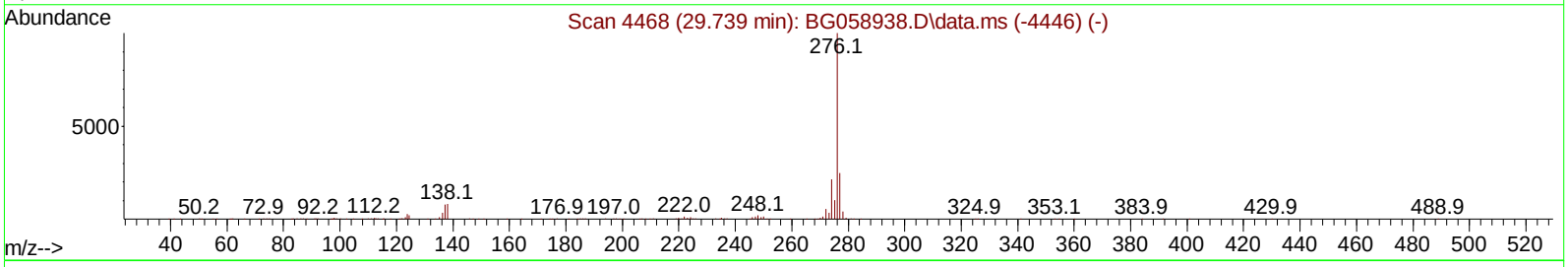
Supervised By :mohammad ahmed 09/11/2023







TIC: BG058951.D\data.ms

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

29.739min (-0.030) 29.29 ng/ul m

response 1503671

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.70	7.73
277.00	22.20	24.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058951.D
Acq On : 9 Sep 2023 14:54
Operator : MA/JU
Sample : PB155306BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 10 02:22:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 00:11:02 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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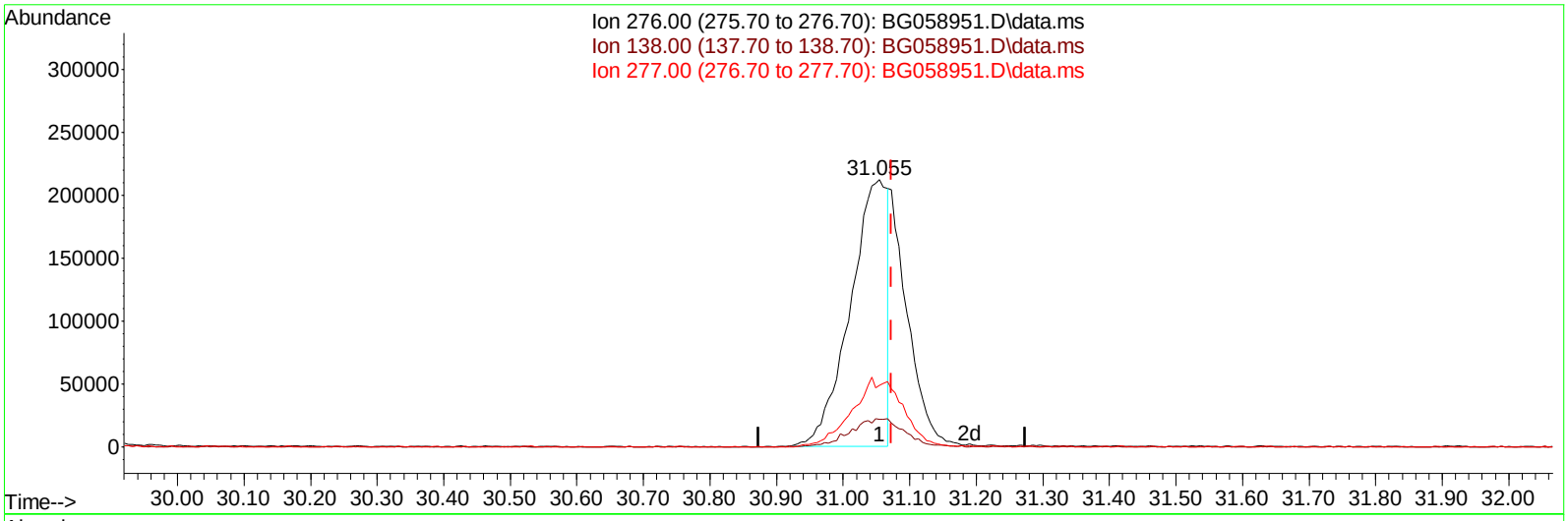

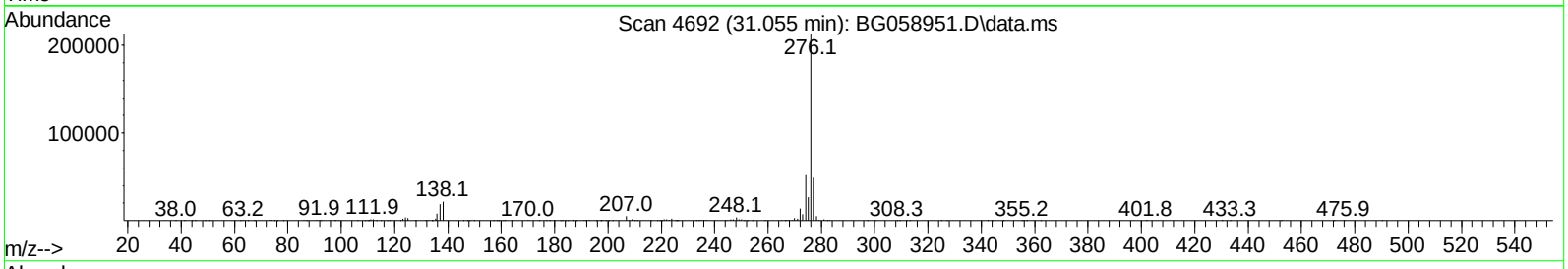

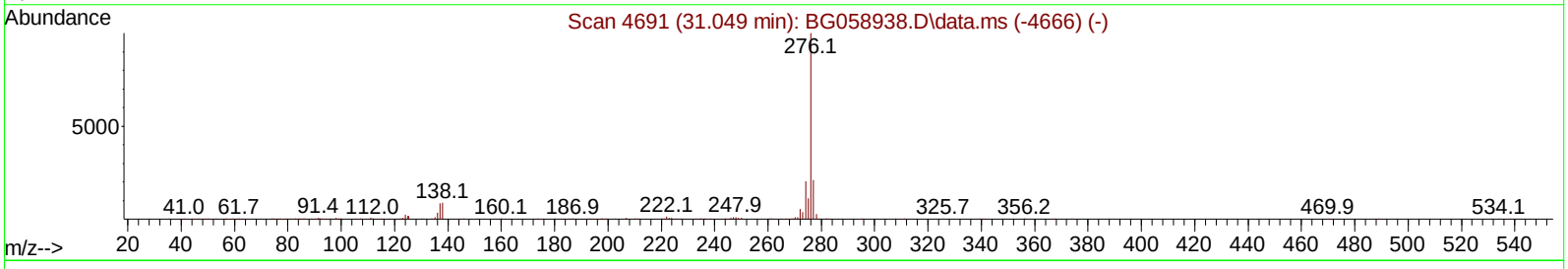

TIC: BG058951.D\data.ms

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

31.055min (-0.018) 20.03 ng/ul

response 816399

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.31
277.00	24.60	22.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058951.D
Acq On : 9 Sep 2023 14:54
Operator : MA/JU
Sample : PB155306BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 10 02:22:42 2023
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Instrument :
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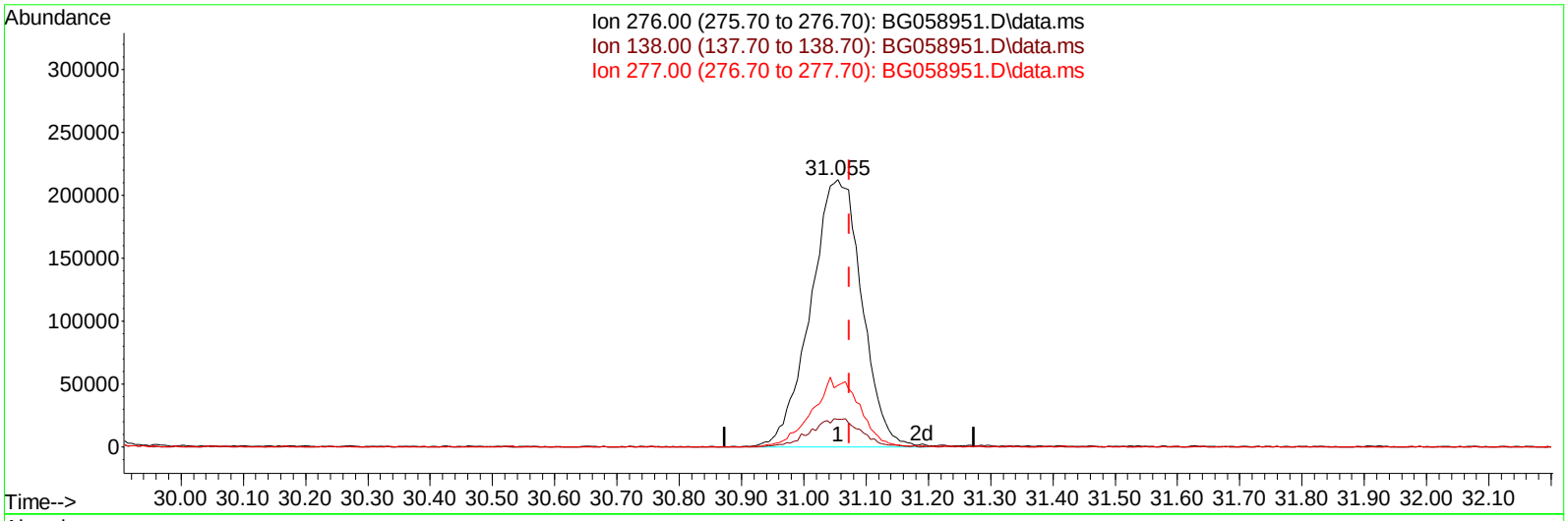
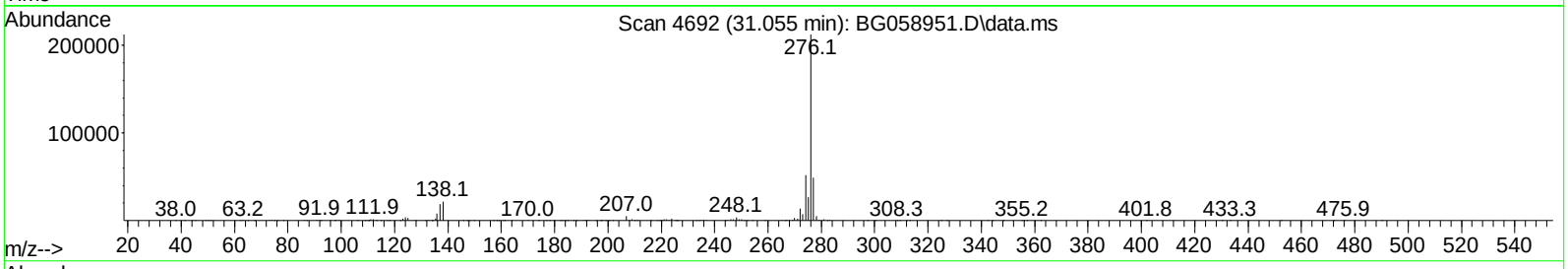
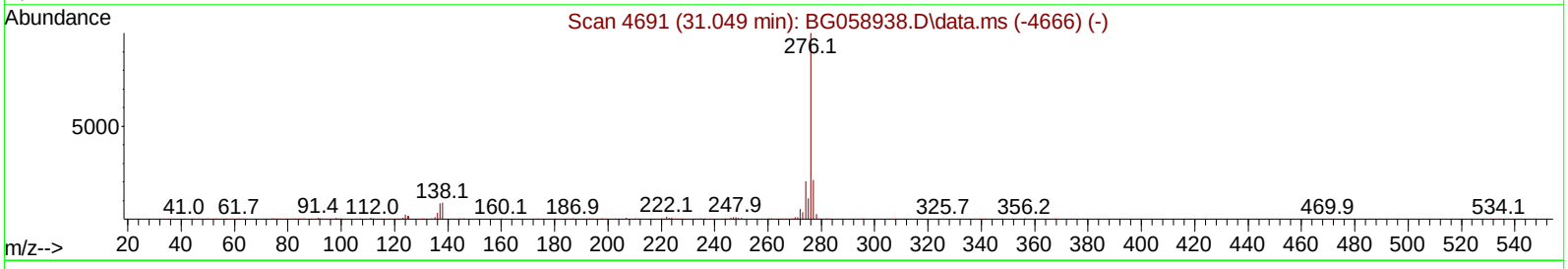
Manual IntegrationsAPPROVED

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







TIC: BG058951.D\data.ms

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

31.055min (-0.018) 29.73 ng/ul m

response 1211756

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.31
277.00	24.60	22.98
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058951.D
Acq On : 9 Sep 2023 14:54
Operator : MA/JU
Sample : PB155306BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 10 02:24:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 00:11:02 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS306

Manual IntegrationsAPPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.328	152	69236	20.000	ng/ul	0.00
20) Naphthalene-d8	11.172	136	315933	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.956	164	287243	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.706	188	733624	20.000	ng/ul	0.00
79) Chrysene-d12	22.030	240	626327	20.000	ng/ul	0.00
88) Perylene-d12	25.596	264	730757	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.640	96	6552	4.539	ng/uL	0.00
4) Pyridine-d5	4.075	84	114240	23.050	ng/ul	0.00
7) Phenol-d5	7.441	99	193073	28.116	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.653	67	102298	26.333	ng/ul	0.00
11) 2-Chlorophenol-d4	7.847	132	111165	27.139	ng/ul	0.00
15) 4-Methylphenol-d8	9.010	113	143341	26.933	ng/ul	0.00
21) Nitrobenzene-d5	9.521	128	58307	31.332	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.244	143	69758	34.219	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.773	165	173750	29.378	ng/ul	0.00
31) 4-Chloroaniline-d4	11.313	131	185221	24.414	ng/ul	0.00
46) Dimethylphthalate-d6	14.351	166	611789	27.591	ng/ul	0.00
49) Acenaphthylene-d8	14.656	160	622539	25.975	ng/ul	0.00
54) 4-Nitrophenol-d4	15.126	143	85087	29.045	ng/ul	0.00
60) Fluorene-d10	15.943	176	551211	26.376	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.049	200	105009	31.440	ng/ul	0.00
73) Anthracene-d10	17.806	188	898657	26.929	ng/ul	0.00
81) Pyrene-d10	20.073	212	933547	25.701	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.355	264	1018430	28.292	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.681	88	17576m	9.998	ng/uL	
5) Pyridine	4.092	79	114630	21.971	ng/ul	89
6) Benzaldehyde	7.476	77	104250	25.755	ng/ul	95
8) Phenol	7.471	94	202560	28.286	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.747	93	143026	26.929	ng/ul	95
12) 2-Chlorophenol	7.876	128	117657	28.488	ng/ul	96
13) 2-Methylphenol	8.746	108	152648	28.468	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.851	45	164820m	26.964	ng/ul	
16) Acetophenone	9.174	105	261671	27.574	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.139	70	141025	28.413	ng/ul#	93
18) 4-Methylphenol	9.080	108	175065	29.836	ng/ul	96
19) Hexachloroethane	9.421	117	46780	27.751	ng/ul#	87
22) Nitrobenzene	9.574	77	195592	30.731	ng/ul	98
23) Isophorone	10.079	82	413975	26.069	ng/ul	98
25) 2-Nitrophenol	10.279	139	77377	35.189	ng/ul#	75
26) 2,4-Dimethylphenol	10.297	107	177359	25.943	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.561	93	228540	27.791	ng/ul	91
29) 2,4-Dichlorophenol	10.796	162	166265	29.658	ng/ul#	83
30) Naphthalene	11.225	128	447692	26.232	ng/ul#	94
32) 4-Chloroaniline	11.337	127	176155	24.481	ng/ul	100
33) Hexachlorobutadiene	11.460	225	144430	26.307	ng/ul	93
34) Caprolactam	12.118	113	59321m	31.987	ng/ul	
35) 4-Chloro-3-methylphenol	12.406	107	191335	29.049	ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058951.D
Acq On : 9 Sep 2023 14:54
Operator : MA/JU
Sample : PB155306BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 10 02:24:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 00:11:02 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS306

Manual IntegrationsAPPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.806	142	351498	27.206	ng/ul	98
37) 1-Methylnaphthalene	13.017	142	339410	25.684	ng/ul#	92
39) 1,2,4,5-Tetrachloroben...	13.146	216	285916	26.676	ng/ul	95
40) Hexachlorocyclopentadiene	13.105	237	173805	22.532	ng/ul	99
41) 2,4,6-Trichlorophenol	13.381	196	177678	28.528	ng/ul	97
42) 2,4,5-Trichlorophenol	13.452	196	200688	30.054	ng/ul	98
43) 1,1'-Biphenyl	13.793	154	541481	27.705	ng/ul	100
44) 2-Chloronaphthalene	13.845	162	428054	27.461	ng/ul	98
45) 2-Nitroaniline	14.057	65	143170	41.540	ng/ul	98
47) Dimethylphthalate	14.404	163	632286	28.046	ng/ul	97
48) 2,6-Dinitrotoluene	14.539	165	119546	37.361	ng/ul	92
50) Acenaphthylene	14.686	152	701006	26.210	ng/ul	96
51) 3-Nitroaniline	14.880	138	111074	34.448	ng/ul	92
52) Acenaphthene	15.021	153	466610	26.796	ng/ul	93
53) 2,4-Dinitrophenol	15.068	184	71956	26.583	ng/ul#	89
55) 4-Nitrophenol	15.138	109	109902	29.994	ng/ul	93
56) Dibenzofuran	15.355	168	712324	27.402	ng/ul	94
57) 2,4-Dinitrotoluene	15.314	165	168722	36.552	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.555	232	195792	27.751	ng/ul#	96
59) Diethylphthalate	15.749	149	557865	27.533	ng/ul	98
61) Fluorene	16.002	166	593236	26.880	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.984	204	371070	28.027	ng/ul	97
63) 4-Nitroaniline	16.037	138	106094	35.363	ng/ul	84
66) 4,6-Dinitro-2-methylph...	16.061	198	115583	32.963	ng/ul	95
67) N-Nitrosodiphenylamine	16.202	169	550398	30.507	ng/ul	96
68) 4-Bromophenyl-phenylether	16.883	248	251009	28.177	ng/ul	99
69) Hexachlorobenzene	16.971	284	293137	28.516	ng/ul	99
70) Atrazine	17.136	200	109637	15.136	ng/ul	97
71) Pentachlorophenol	17.318	266	160194	25.373	ng/ul	92
72) Phenanthrene	17.747	178	1005561	28.234	ng/ul	99
74) Anthracene	17.841	178	1018178	28.001	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.746	216	33175	3.114	ng/uL	94
76) Pentachlorobenzene	15.244	250	335977	31.293	ng/uL	97
77) Carbazole	18.111	167	791465	28.676	ng/ul	97
78) Di-n-butylphthalate	18.628	149	781966	31.517	ng/ul	96
80) Fluoranthene	19.739	202	1195877	27.089	ng/ul	99
82) Pyrene	20.103	202	1179782	26.681	ng/ul#	98
83) Butylbenzylphthalate	20.972	149	296410	38.660	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.918	252	427945	31.281	ng/ul	96
85) Benzo(a)anthracene	22.006	228	1202632	28.203	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.860	149	448725	37.518	ng/ul	97
87) Chrysene	22.083	228	1130732	28.307	ng/ul	98
89) Di-n-octyl phthalate	23.199	149	770770	33.774	ng/ul	100
90) Benzo(b)fluoranthene	24.445	252	1278103	29.043	ng/ul	99
91) Benzo(k)fluoranthene	24.527	252	1251397	28.261	ng/ul	98
93) Benzo(a)pyrene	25.432	252	1136869	27.609	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.739	276	1503671m	29.291	ng/ul	
95) Dibenzo(a,h)anthracene	29.838	278	1238936	29.679	ng/ul	95
96) Benzo(g,h,i)perylene	31.055	276	1211756m	29.731	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
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ClientSampleId :
SLCS306

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
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