Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059530.D
Acq On : 28 Oct 2023 20:41
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 30 03:07:01 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
ClientSampleId :
SSTD020460

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	81318	20.000	ng/ul	0.00
20) Naphthalene-d8	11.210	136	384716	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.988	164	231931	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.738	188	523390	20.000	ng/ul	0.00
79) Chrysene-d12	22.074	240	412738	20.000	ng/ul	0.00
88) Perylene-d12	25.682	264	458993	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.660	96	16460	7.573	ng/uL	0.00
4) Pyridine-d5	4.089	84	123477	20.330	ng/ul	0.00
7) Phenol-d5	7.468	99	179198	21.445	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	79503	20.714	ng/ul	0.00
11) 2-Chlorophenol-d4	7.873	132	139597	20.592	ng/ul	0.00
15) 4-Methylphenol-d8	9.042	113	143397	21.630	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	65353	23.891	ng/ul	0.00
24) 2-Nitrophenol-d4	10.282	143	72809	25.927	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.805	165	131619	21.273	ng/ul	0.00
31) 4-Chloroaniline-d4	11.351	131	211672	20.783	ng/ul	0.00
46) Dimethylphthalate-d6	14.383	166	419578	19.968	ng/ul	0.00
49) Acenaphthylene-d8	14.695	160	498943	20.233	ng/ul	0.00
54) 4-Nitrophenol-d4	15.153	143	86816	24.093	ng/ul	0.00
60) Fluorene-d10	15.975	176	364207	20.282	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.081	200	55918	22.560	ng/ul	0.00
73) Anthracene-d10	17.838	188	575324	20.290	ng/ul	0.00
81) Pyrene-d10	20.106	212	577580	20.133	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.435	264	544503	20.146	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.702	88	17927	7.369	ng/uL#	93
5) Pyridine	4.113	79	126179	21.062	ng/ul	90
6) Benzaldehyde	7.503	77	90923	24.157	ng/ul	92
8) Phenol	7.497	94	168730	21.418	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.779	93	121998	21.118	ng/ul	95
12) 2-Chlorophenol	7.908	128	146848	21.850	ng/ul	96
13) 2-Methylphenol	8.778	108	140163	21.343	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.884	45	105833m	19.467	ng/ul	
16) Acetophenone	9.201	105	220513	21.101	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.172	70	101700	20.654	ng/ul#	94
18) 4-Methylphenol	9.107	108	143560	20.545	ng/ul	99
19) Hexachloroethane	9.448	117	56510	21.170	ng/ul	94
22) Nitrobenzene	9.606	77	143662	24.332	ng/ul	97
23) Isophorone	10.112	82	289893	19.496	ng/ul#	93
25) 2-Nitrophenol	10.312	139	76328	25.273	ng/ul#	87
26) 2,4-Dimethylphenol	10.335	107	168144	21.166	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.599	93	163768	19.781	ng/ul	98
29) 2,4-Dichlorophenol	10.829	162	129891	21.700	ng/ul	95
30) Naphthalene	11.263	128	477833	19.927	ng/ul#	96
32) 4-Chloroaniline	11.375	127	195054	20.161	ng/ul	98
33) Hexachlorobutadiene	11.492	225	77323	21.533	ng/ul	95
34) Caprolactam	12.139	113	43310m	19.778	ng/ul	
35) 4-Chloro-3-methylphenol	12.438	107	154582	21.644	ng/ul	92
36) 2-Methylnaphthalene	12.838	142	328471	19.912	ng/ul	98

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020460

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 30 03:07:01 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.055	142	335635	20.427	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.179	216	139667	20.879	ng/ul	98
40) Hexachlorocyclopentadiene	13.138	237	80316	20.596	ng/ul	93
41) 2,4,6-Trichlorophenol	13.420	196	99040	21.381	ng/ul	93
42) 2,4,5-Trichlorophenol	13.484	196	108016m	21.539	ng/ul	
43) 1,1'-Biphenyl	13.831	154	430735	20.529	ng/ul#	98
44) 2-Chloronaphthalene	13.878	162	320874	19.677	ng/ul	93
45) 2-Nitroaniline	14.089	65	83080	27.381	ng/ul	90
47) Dimethylphthalate	14.430	163	415167	19.999	ng/ul#	96
48) 2,6-Dinitrotoluene	14.571	165	73130	23.352	ng/ul#	78
50) Acenaphthylene	14.718	152	573418	20.182	ng/ul	99
51) 3-Nitroaniline	14.906	138	98128	25.139	ng/ul#	83
52) Acenaphthene	15.053	153	367494	19.843	ng/ul	96
53) 2,4-Dinitrophenol	15.094	184	41585	23.371	ng/ul	86
55) 4-Nitrophenol	15.165	109	104044	26.201	ng/ul	94
56) Dibenzofuran	15.388	168	489693	20.395	ng/ul	91
57) 2,4-Dinitrotoluene	15.347	165	107606	24.428	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.588	232	85704	21.774	ng/ul#	88
59) Diethylphthalate	15.776	149	451638	19.944	ng/ul	95
61) Fluorene	16.034	166	405652	19.570	ng/ul	94
62) 4-Chlorophenyl-phenyle...	16.017	204	180566	20.383	ng/ul	93
63) 4-Nitroaniline	16.069	138	97007m	23.417	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.093	198	57108	21.862	ng/ul#	82
67) N-Nitrosodiphenylamine	16.234	169	358547	20.049	ng/ul	98
68) 4-Bromophenyl-phenylether	16.916	248	104839	20.017	ng/ul	97
69) Hexachlorobenzene	17.004	284	124203	20.519	ng/ul	90
70) Atrazine	17.168	200	116375	21.000	ng/ul	93
71) Pentachlorophenol	17.356	266	82646	23.900	ng/ul	93
72) Phenanthrene	17.785	178	669898	19.688	ng/ul	99
74) Anthracene	17.873	178	684210	19.916	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.784	216	135083	19.381	ng/uL	98
76) Pentachlorobenzene	15.276	250	130417	19.719	ng/uL	95
77) Carbazole	18.144	167	635894	21.546	ng/ul#	93
78) Di-n-butylphthalate	18.661	149	805748	19.870	ng/ul	99
80) Fluoranthene	19.771	202	734485	21.003	ng/ul	98
82) Pyrene	20.135	202	727915	20.039	ng/ul	97
83) Butylbenzylphthalate	21.005	149	364891	22.243	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.963	252	245319	22.856	ng/ul	90
85) Benzo(a)anthracene	22.057	228	679148	19.995	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.904	149	533358	21.789	ng/ul	98
87) Chrysene	22.127	228	641898	20.316	ng/ul	95
89) Di-n-octyl phthalate	23.261	149	888217	22.103	ng/ul	100
90) Benzo(b)fluoranthene	24.513	252	665307	19.997	ng/ul	98
91) Benzo(k)fluoranthene	24.595	252	683041	20.553	ng/ul	99
93) Benzo(a)pyrene	25.511	252	616724	19.612	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.865	276	781088m	19.597	ng/ul	
95) Dibenzo(a,h)anthracene	29.971	278	652078m	19.808	ng/ul	
96) Benzo(g,h,i)perylene	31.187	276	629997m	19.312	ng/ul	

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

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Data File : BG059530.D
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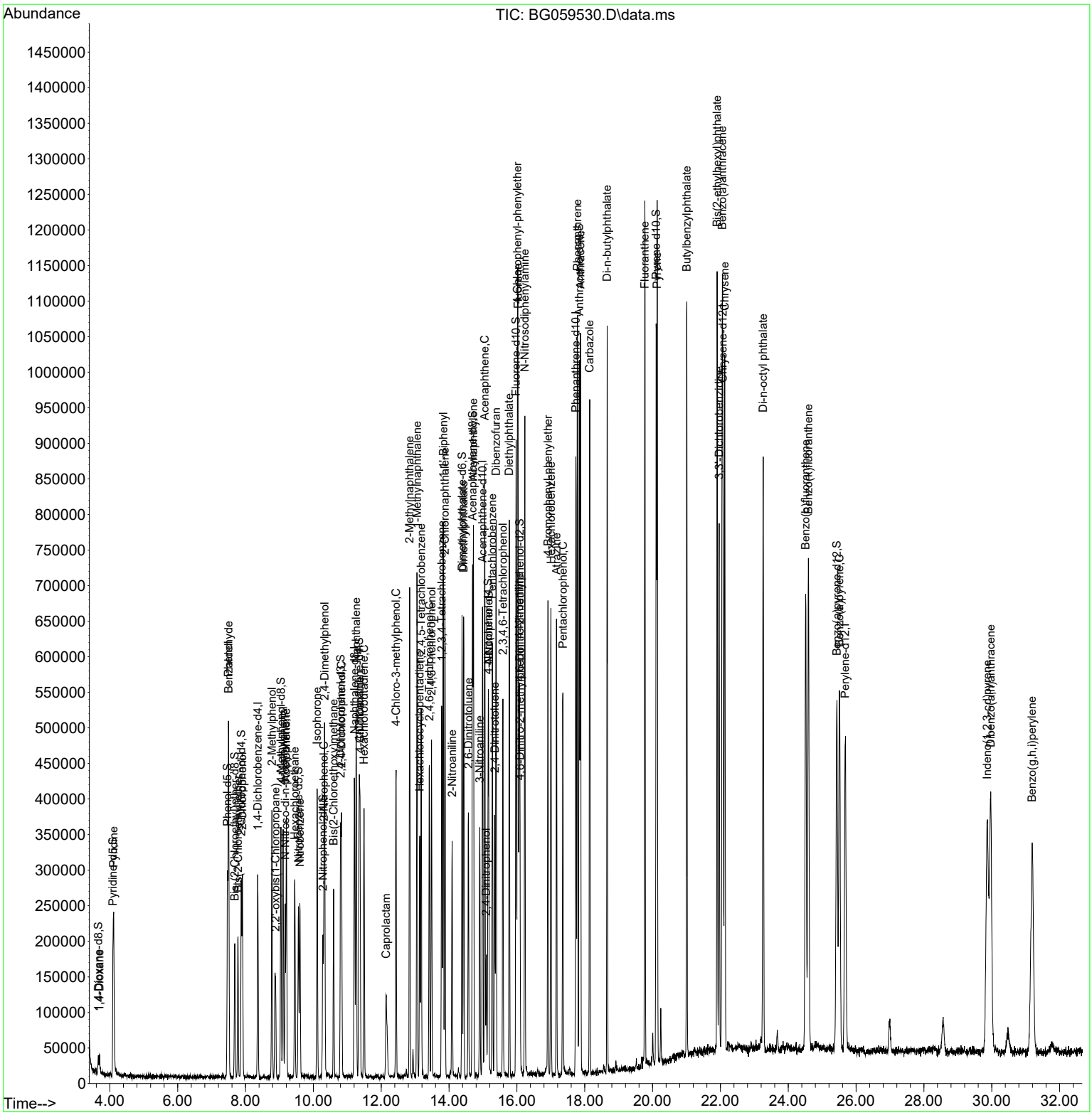
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 30 03:07:01 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
ClientSampleId :
SSTD020460

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059530.D
Acq On : 28 Oct 2023 20:41
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 30 03:03:41 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

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BNA_G
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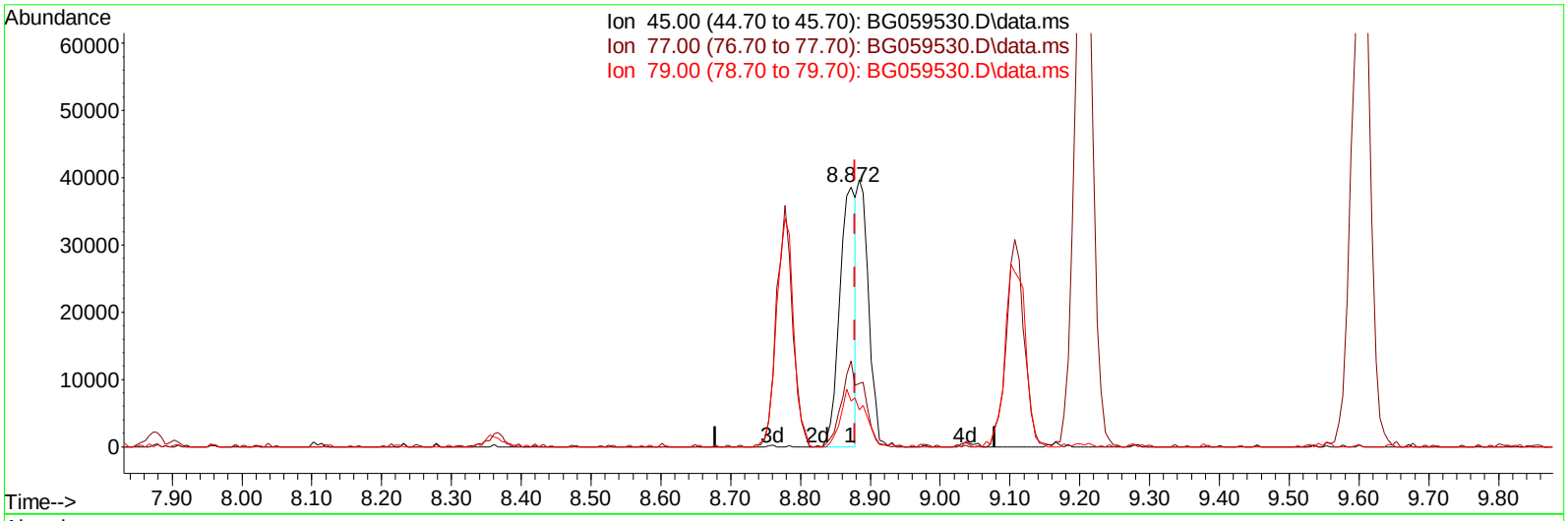

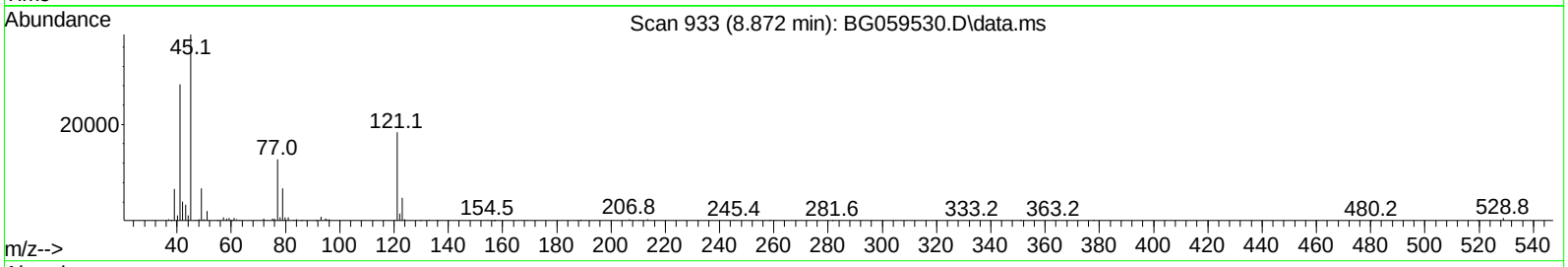

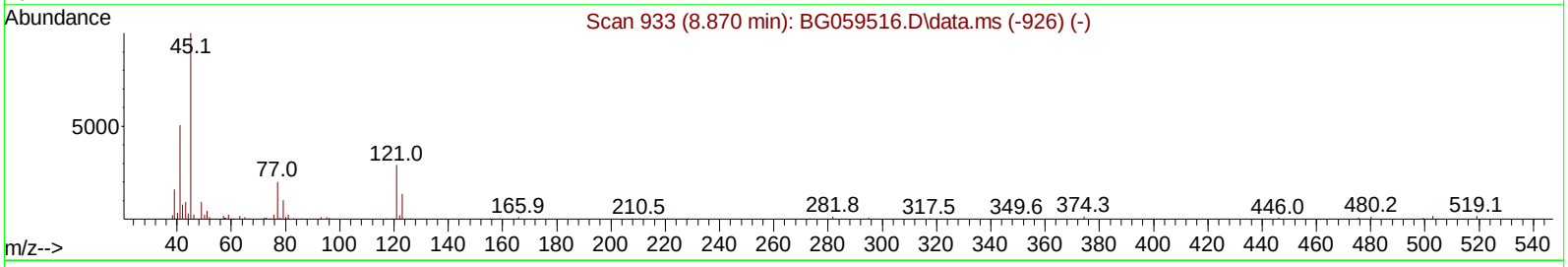

TIC: BG059530.D\data.ms

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

8.872min (-0.006) 11.36 ng/ul

response 61754

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.80	33.01#
79.00	12.50	17.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
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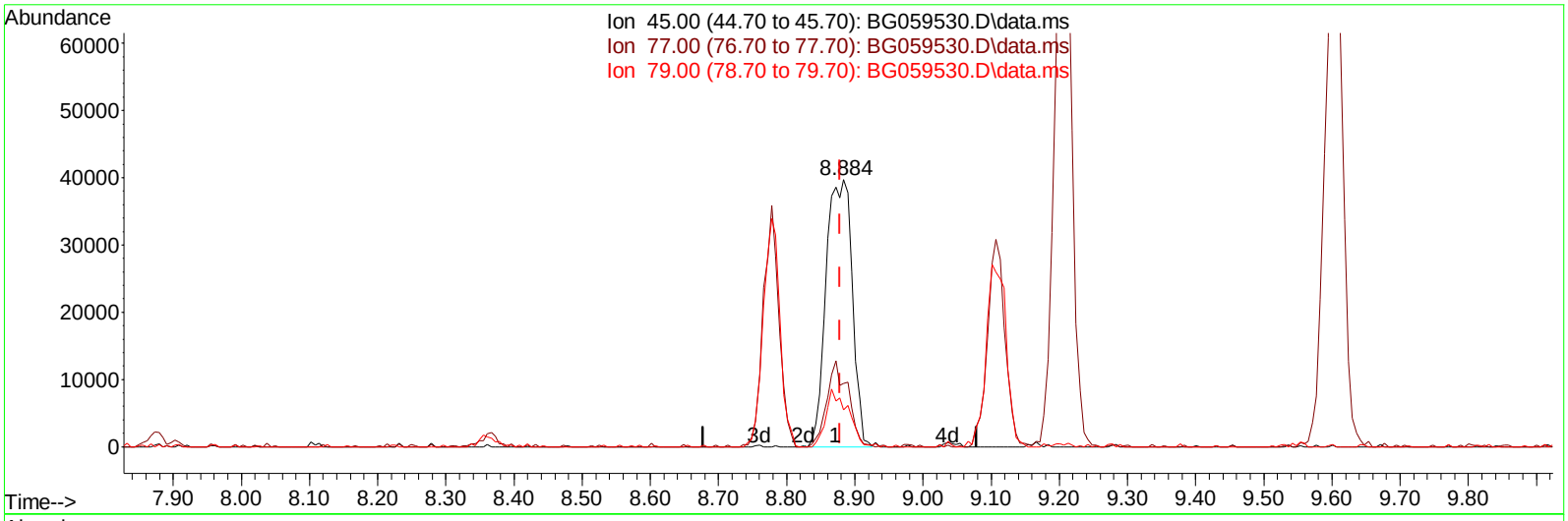

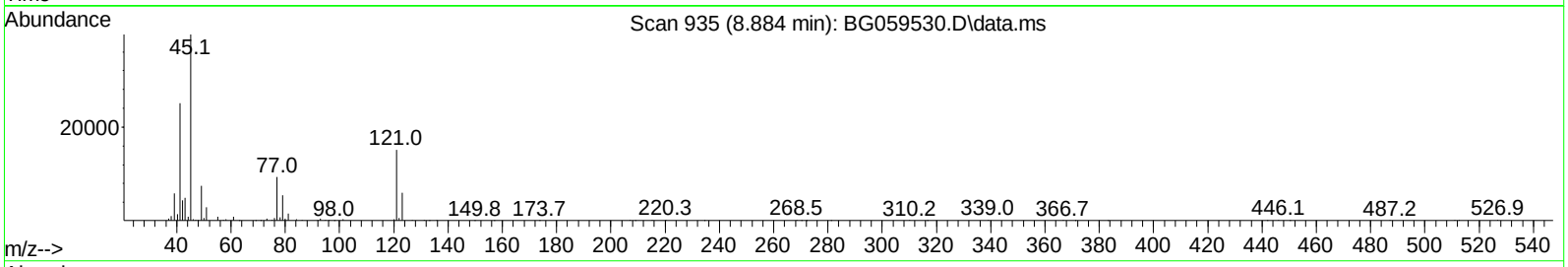

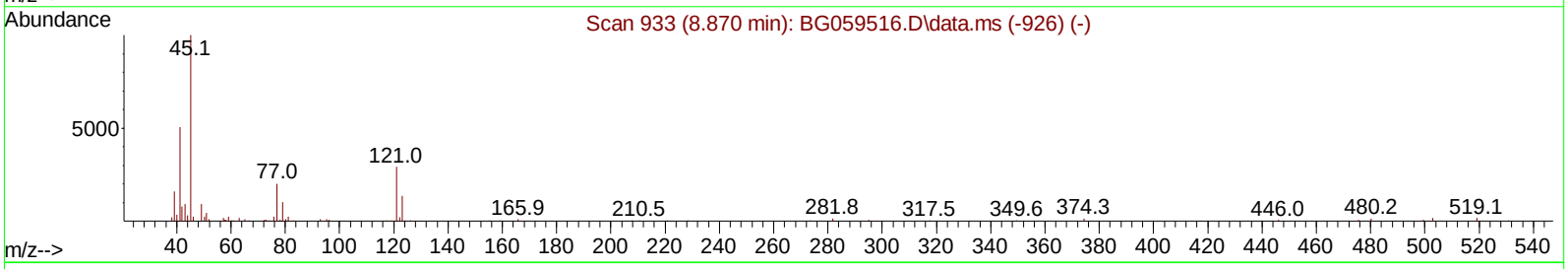

TIC: BG059530.D\data.ms

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

8.884min (+ 0.005) 19.47 ng/ul m

response 105833

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.80	23.70#
79.00	12.50	13.84
0.00	0.00	0.00

Quantitation Report (Qedit)

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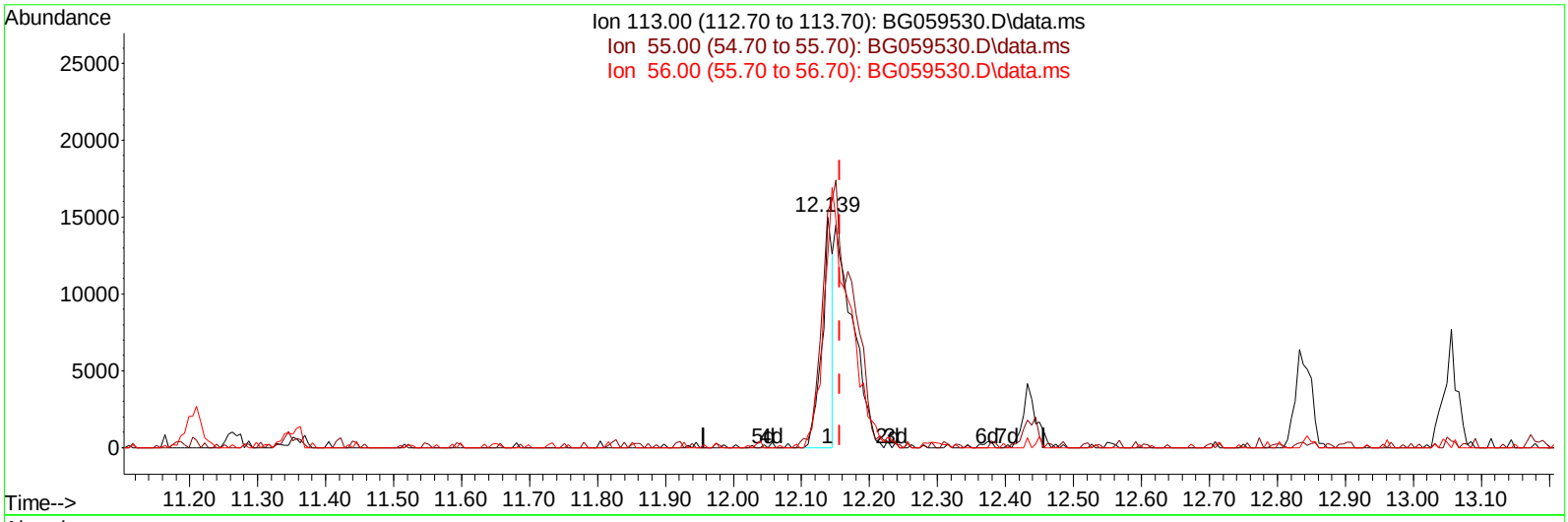

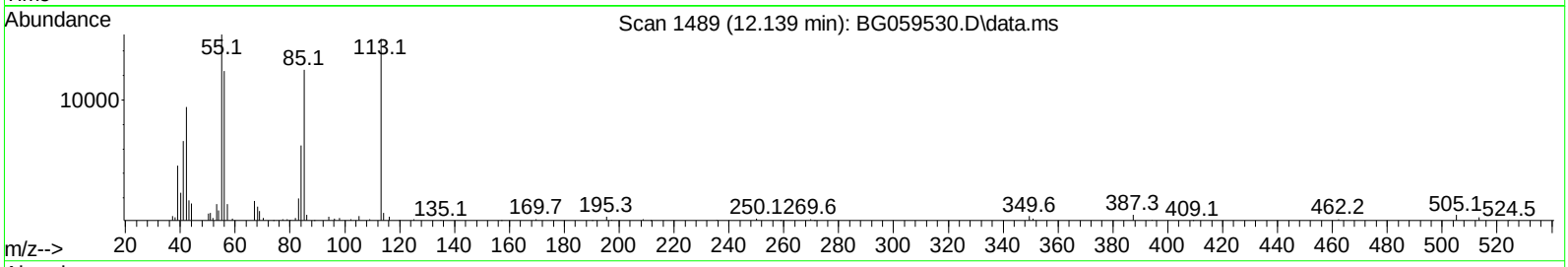

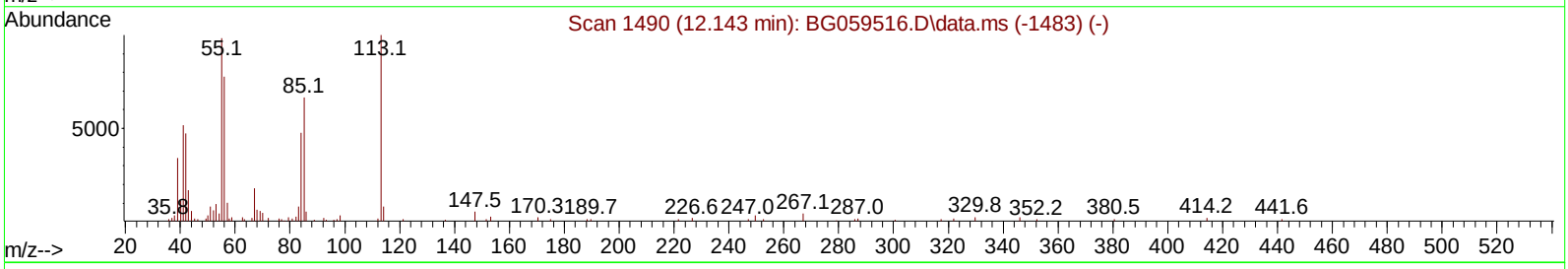

TIC: BG059530.D\data.ms

(34) Caprolactam

12.139min (-0.018) 7.33 ng/ul

response 16049

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	108.60	102.31
56.00	80.50	82.51
0.00	0.00	0.00

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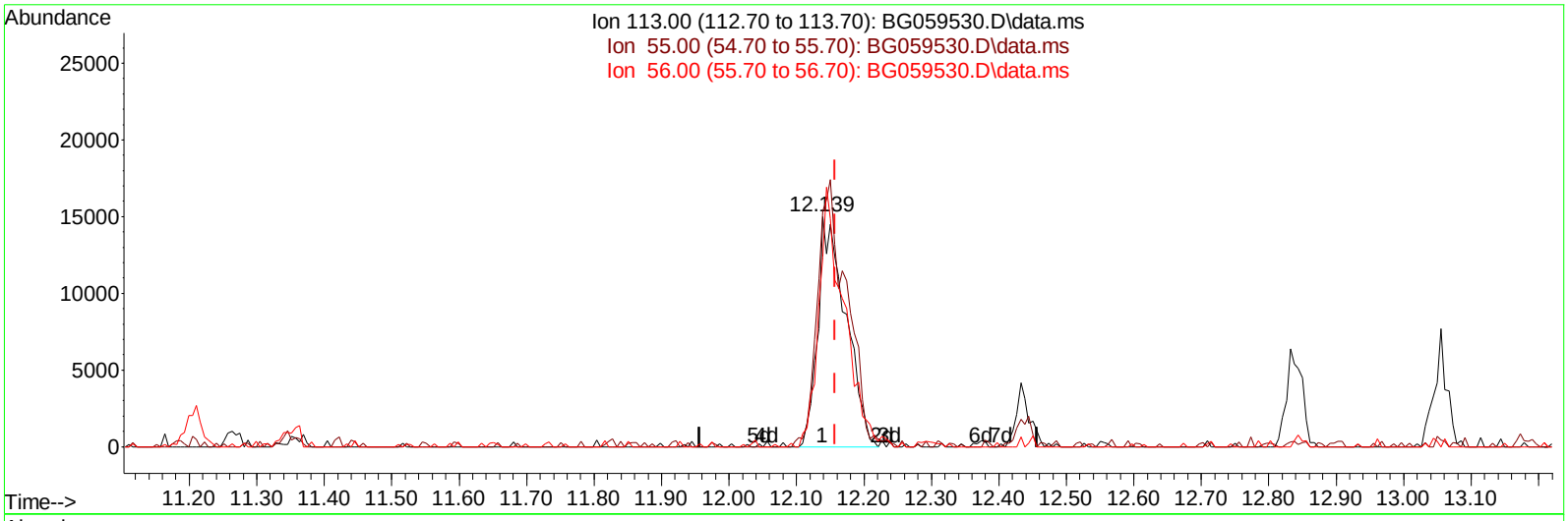

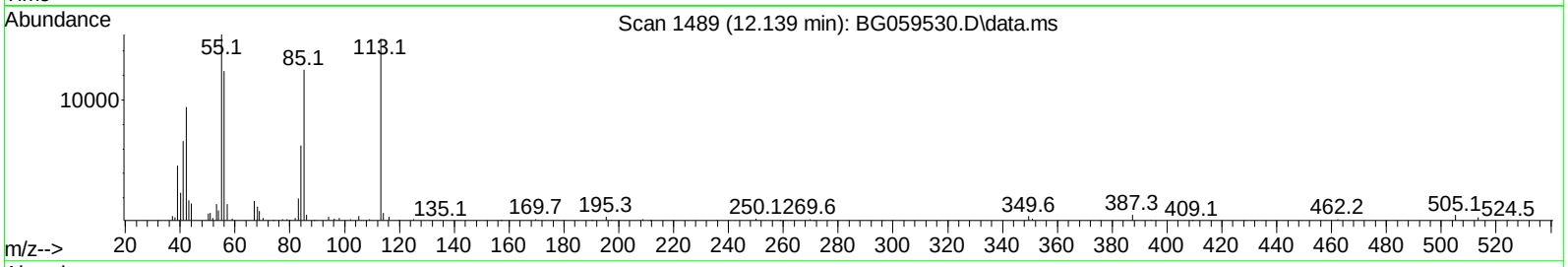

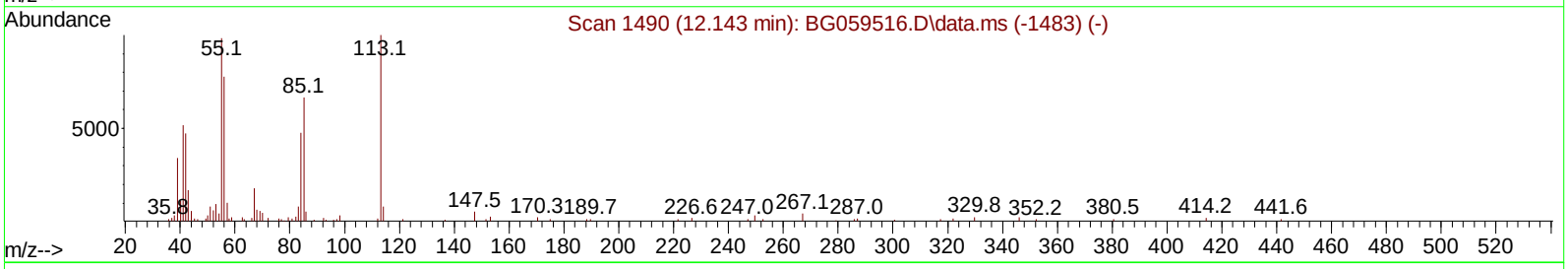

TIC: BG059530.D\data.ms

(34) Caprolactam

12.139min (-0.018) 19.78 ng/ul m

response 43310

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	108.60	102.31
56.00	80.50	82.51
0.00	0.00	0.00

Quantitation Report (Qedit)

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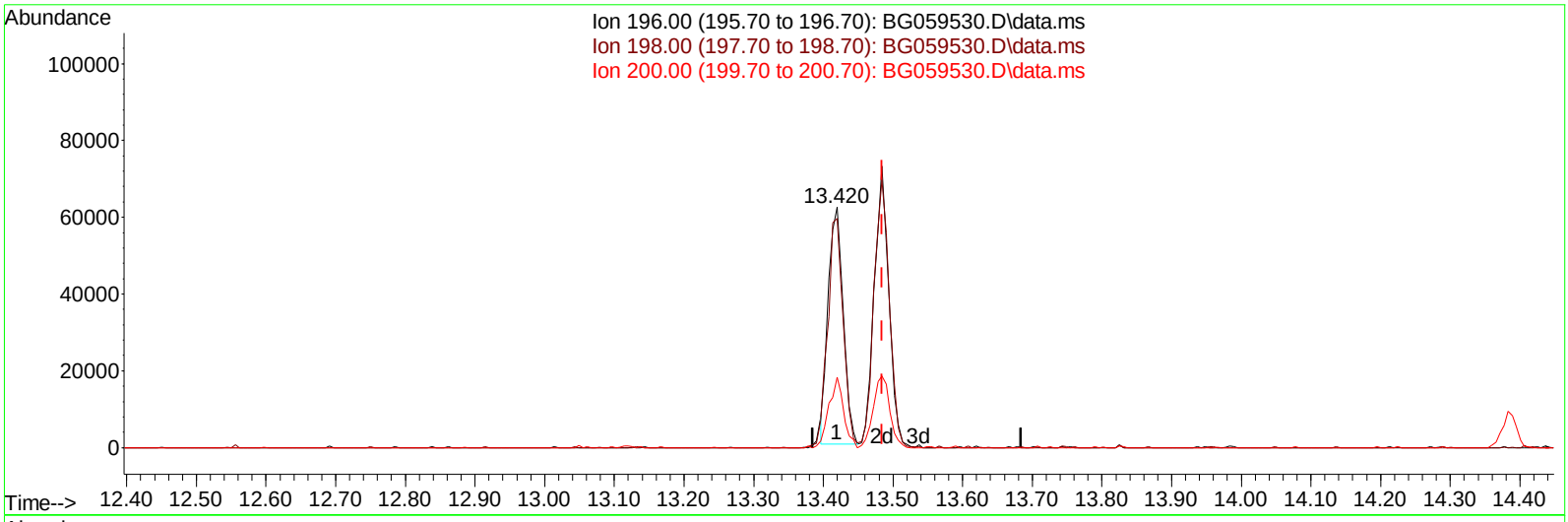

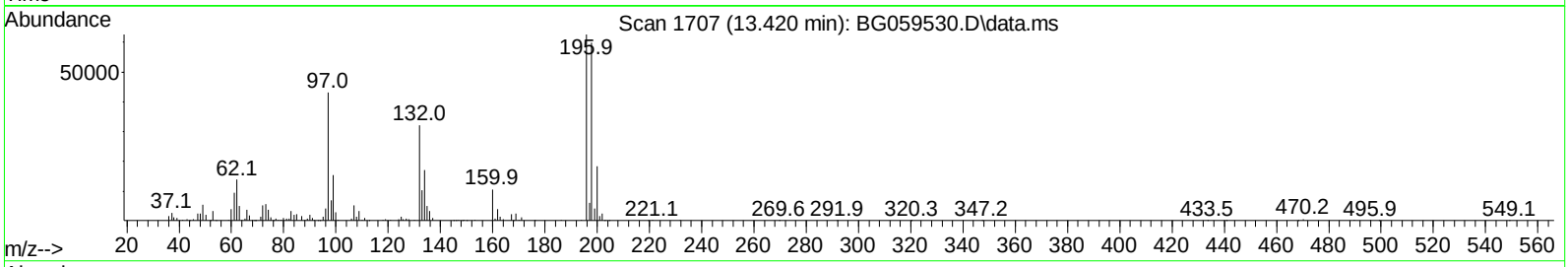

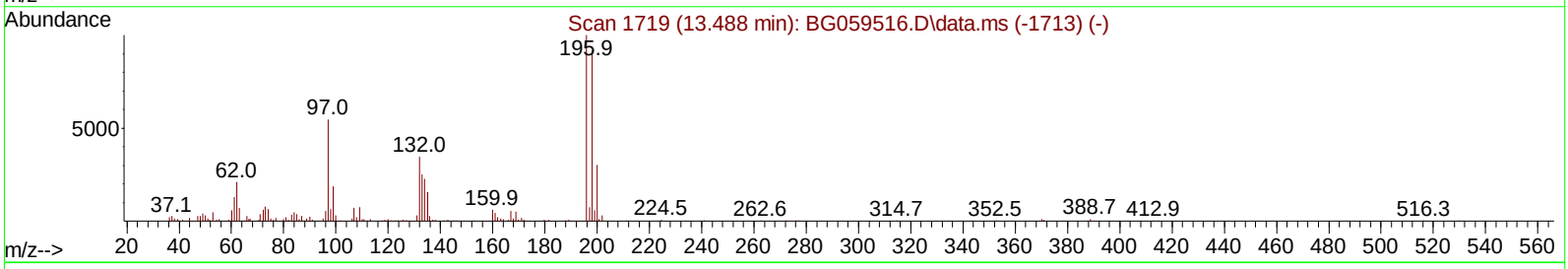

TIC: BG059530.D\data.ms

(42) 2,4,5-Trichlorophenol

13.420min (-0.065) 18.41 ng/ul

response 92308

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	99.70	95.45
200.00	35.00	29.25
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTDCCC020
Misc :
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Quant Time: Oct 30 03:03:41 2023
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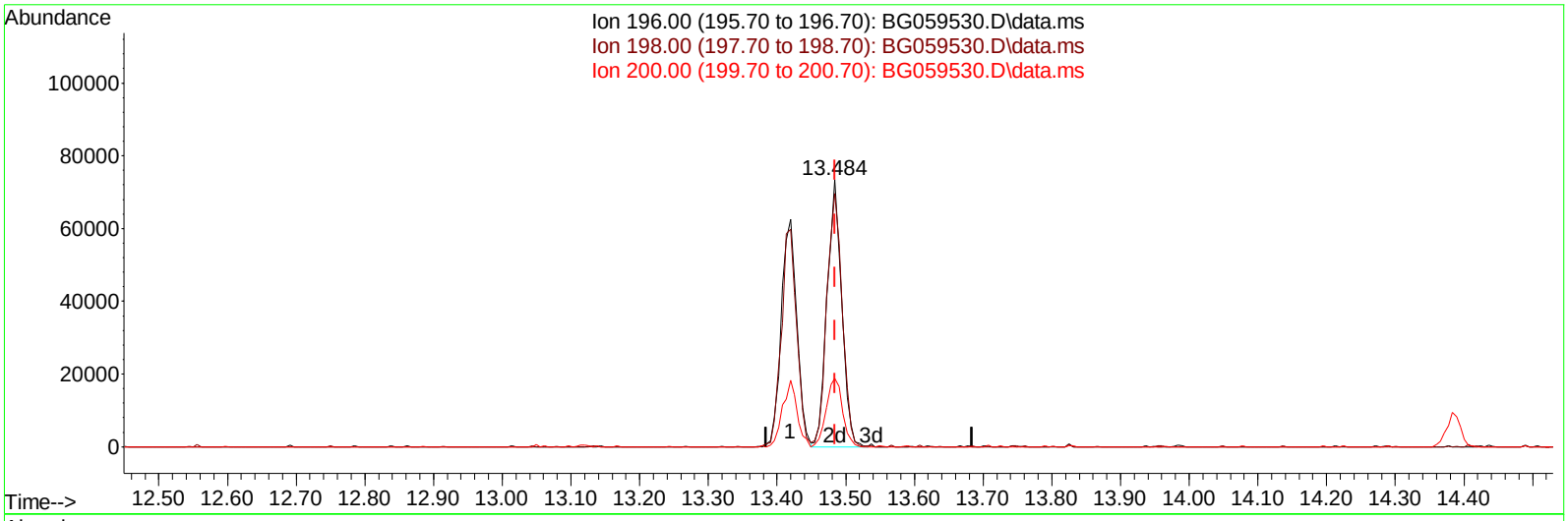
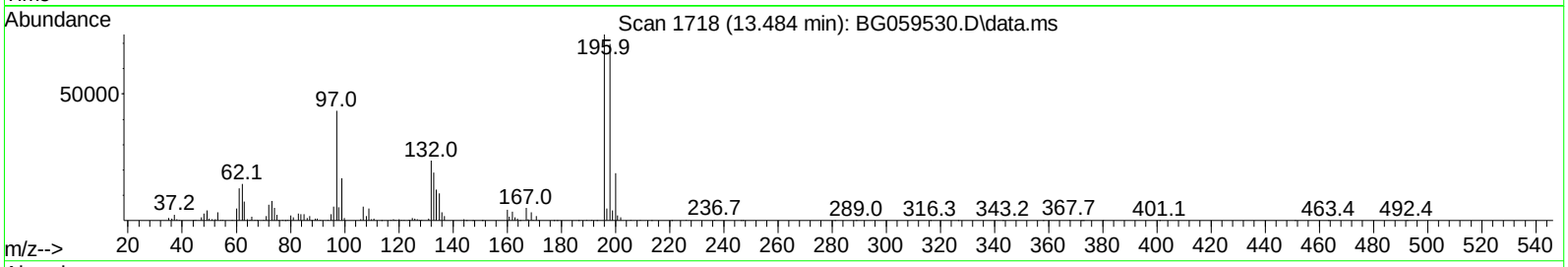
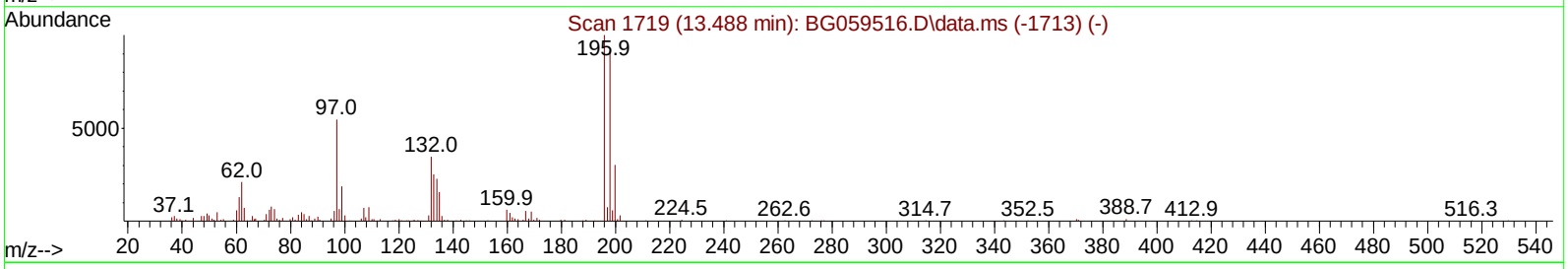
Supervised By :mohammad ahmed 10/31/2023







TIC: BG059530.D\data.ms

(42) 2,4,5-Trichlorophenol

13.484min (-0.000) 21.54 ng/ul m

response 108016

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	99.70	94.91
200.00	35.00	25.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

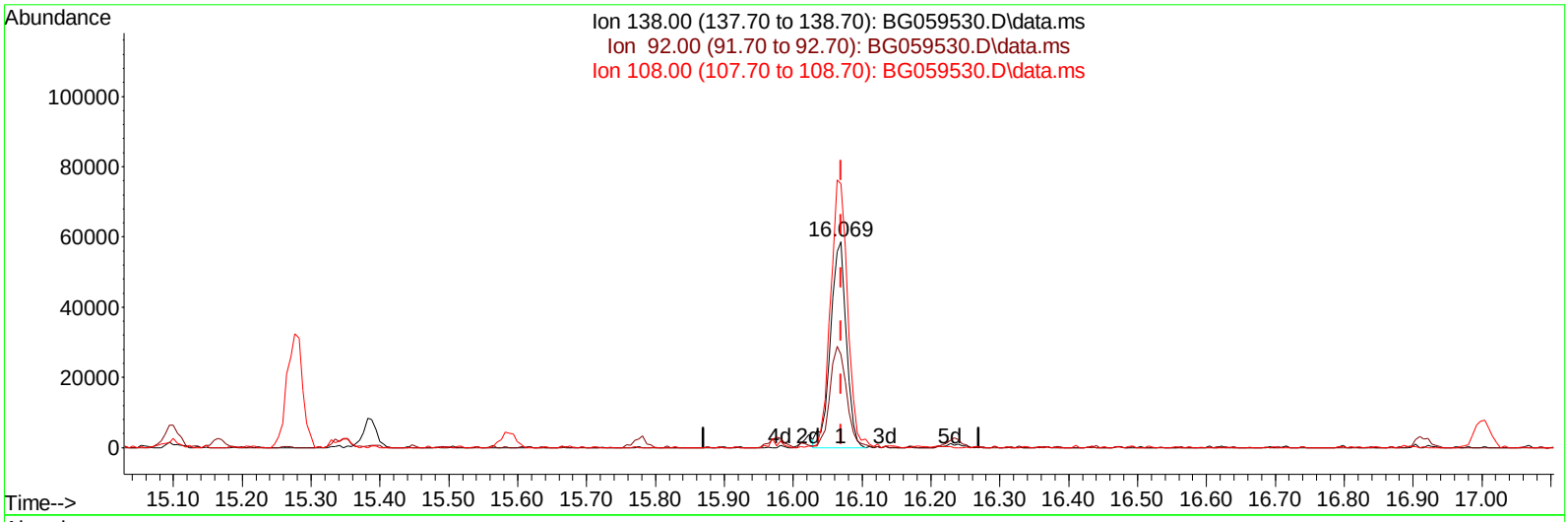
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059530.D
Acq On : 28 Oct 2023 20:41
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

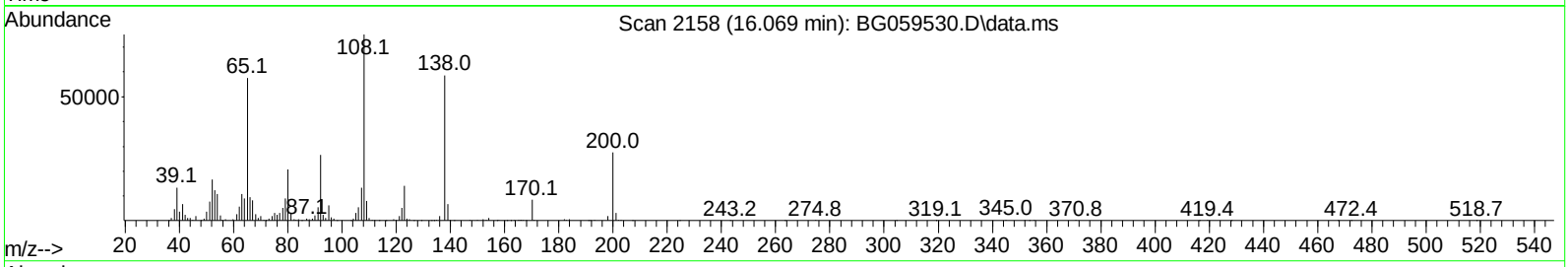
Quant Time: Oct 30 03:03:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

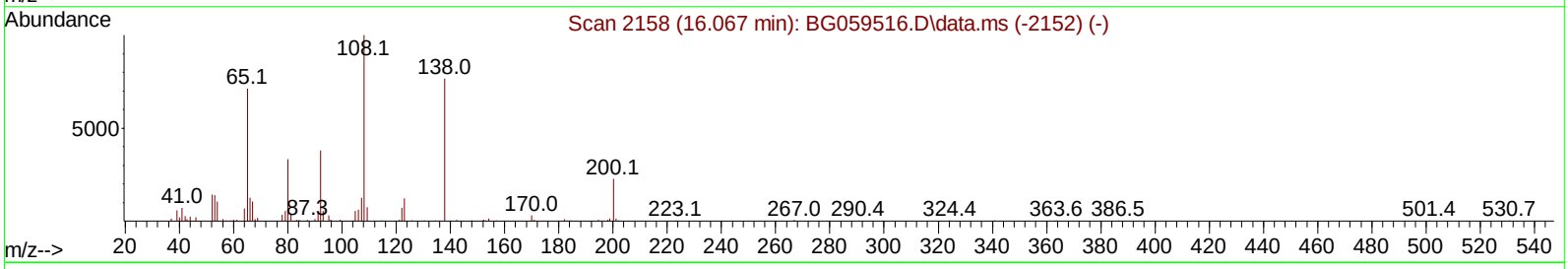
Instrument :
BNA_G
ClientSampleId :
SSTD020460

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023







TIC: BG059530.D\data.ms

(63) 4-Nitroaniline

16.069min (-0.000) 22.59 ng/ul

response 93596

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.30	45.15#
108.00	126.10	128.09
0.00	0.00	0.00

Quantitation Report (Qedit)

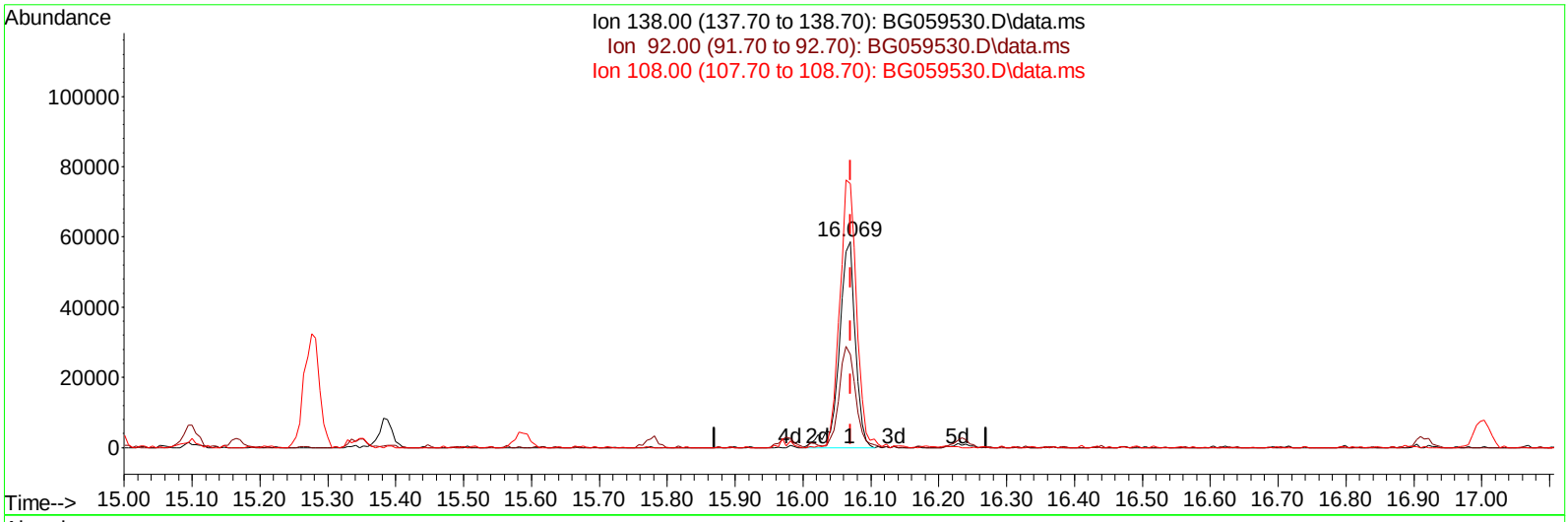
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059530.D
Acq On : 28 Oct 2023 20:41
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

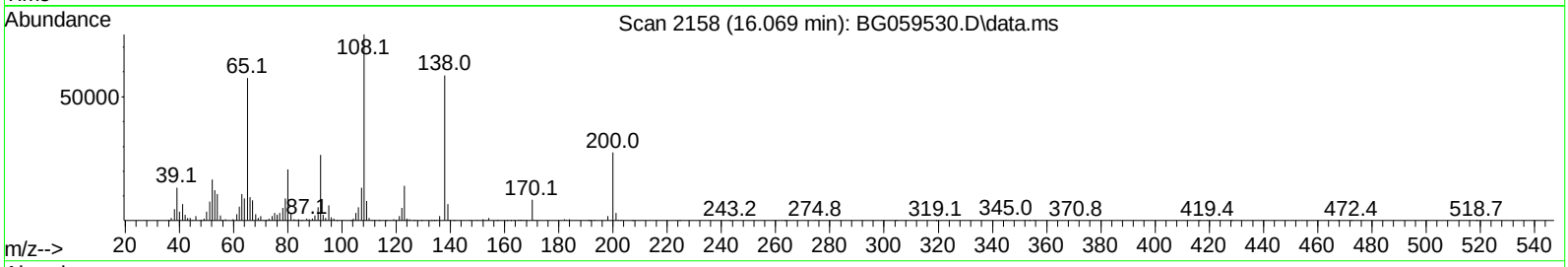
Quant Time: Oct 30 03:03:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

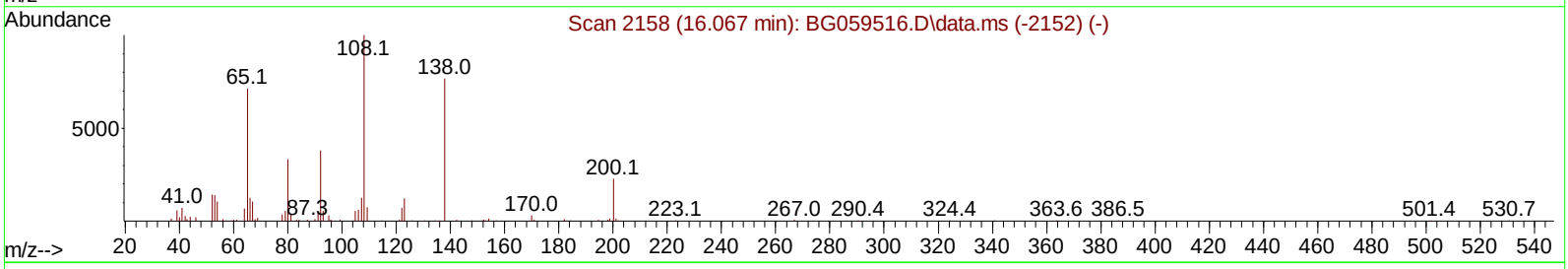
Instrument :
BNA_G
ClientSampleId :
SSTD020460

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023







TIC: BG059530.D\data.ms

(63) 4-Nitroaniline

16.069min (-0.000) 23.42 ng/ul m

response 97007

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.30	45.15#
108.00	126.10	128.09
0.00	0.00	0.00

Quantitation Report (Qedit)

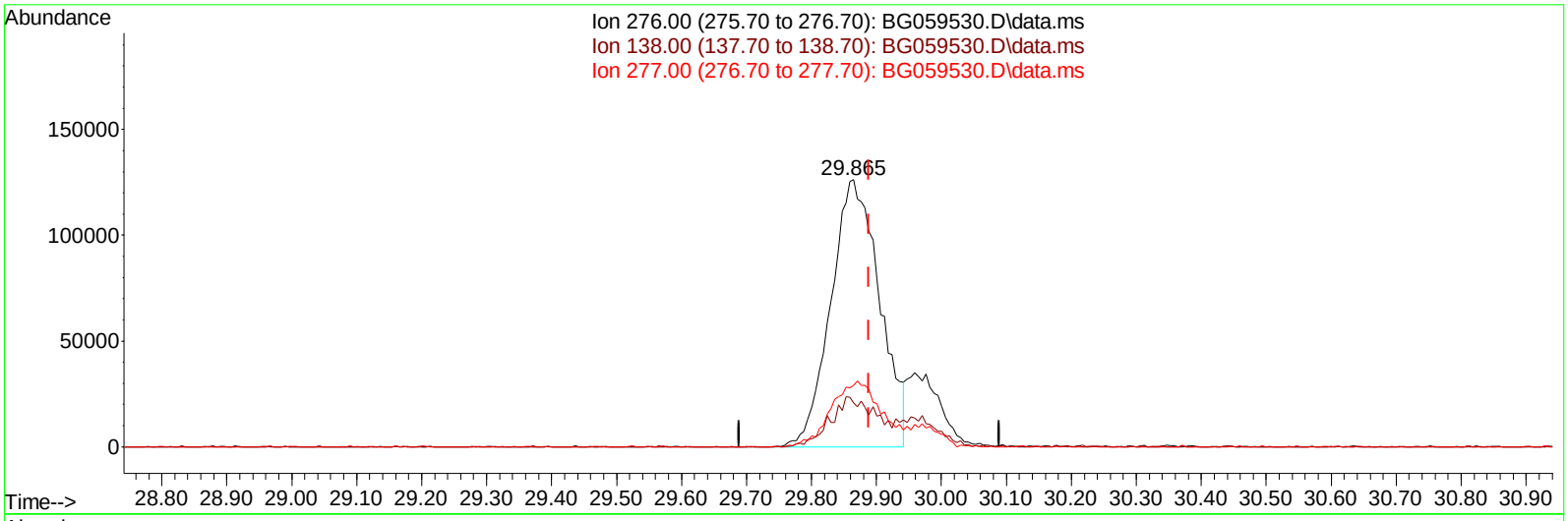
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059530.D
Acq On : 28 Oct 2023 20:41
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

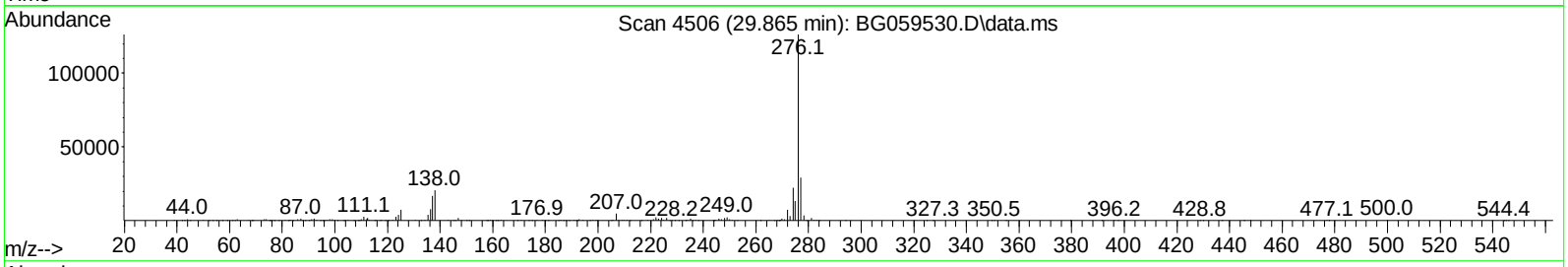
Quant Time: Oct 30 03:03:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

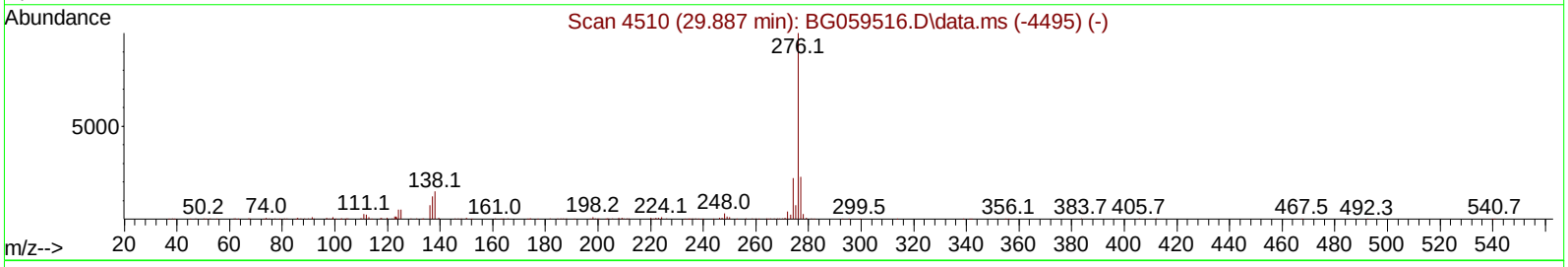
Instrument :
BNA_G
ClientSampleId :
SSTD020460

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023







TIC: BG059530.D\data.ms

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

29.865min (-0.024) 16.55 ng/ul

response 659588

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	16.38
277.00	20.50	23.03
0.00	0.00	0.00

Quantitation Report (Qedit)

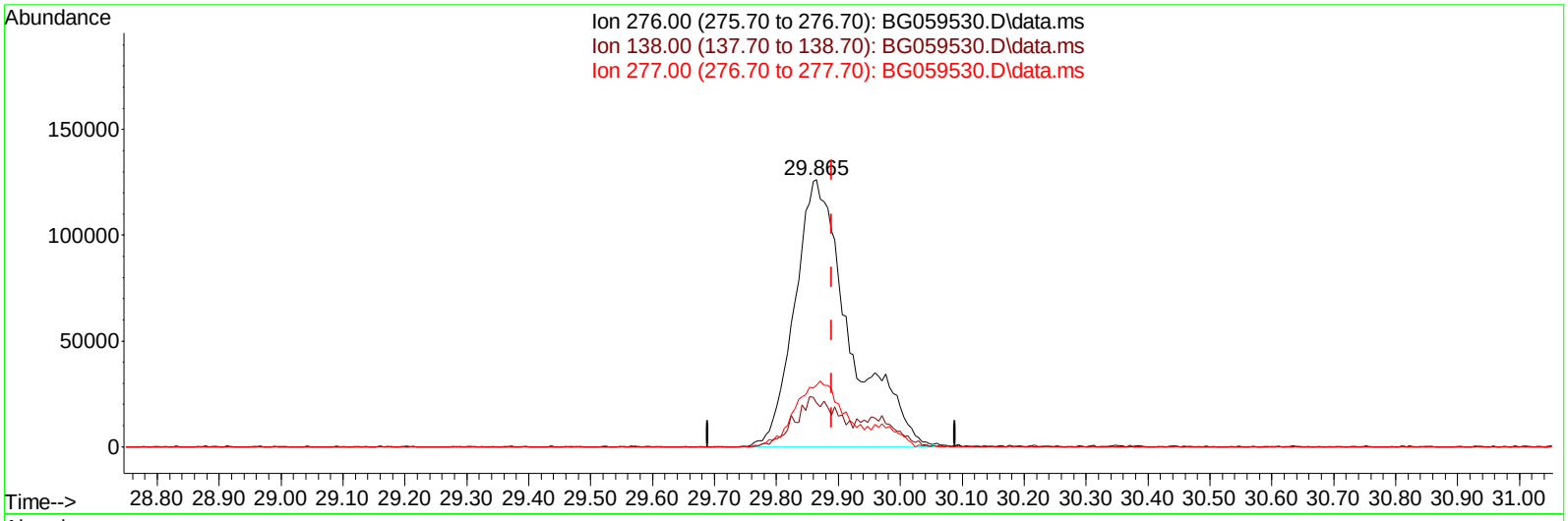
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059530.D
Acq On : 28 Oct 2023 20:41
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

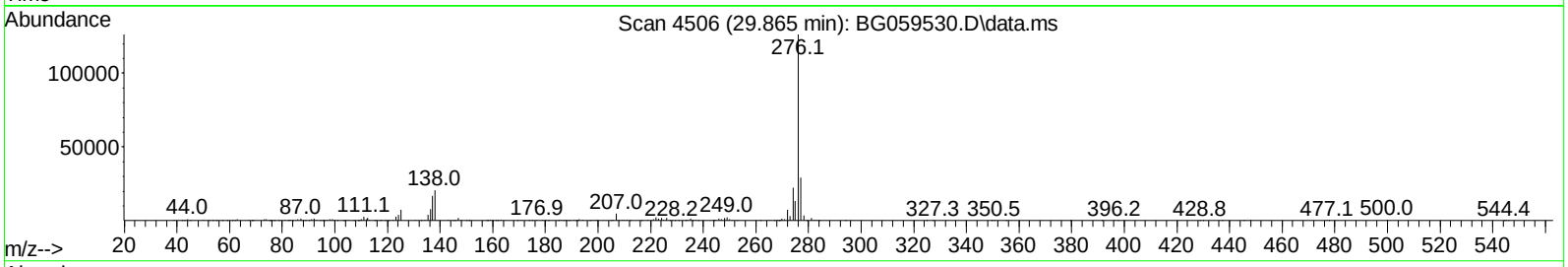
Quant Time: Oct 30 03:07:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

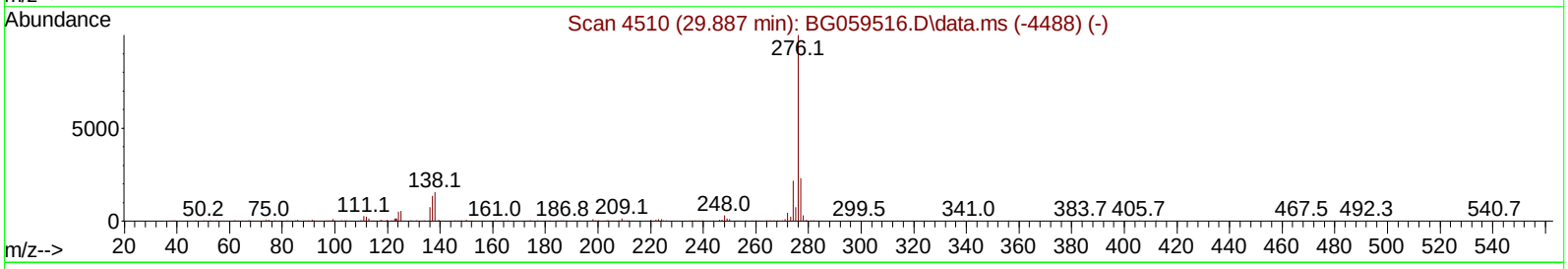
Instrument :
BNA_G
ClientSampleId :
SSTD020460

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023







TIC: BG059530.D\data.ms

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

29.865min (-0.024) 19.60 ng/ul m

response 781088

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	16.38
277.00	20.50	23.03
0.00	0.00	0.00

Quantitation Report (Qedit)

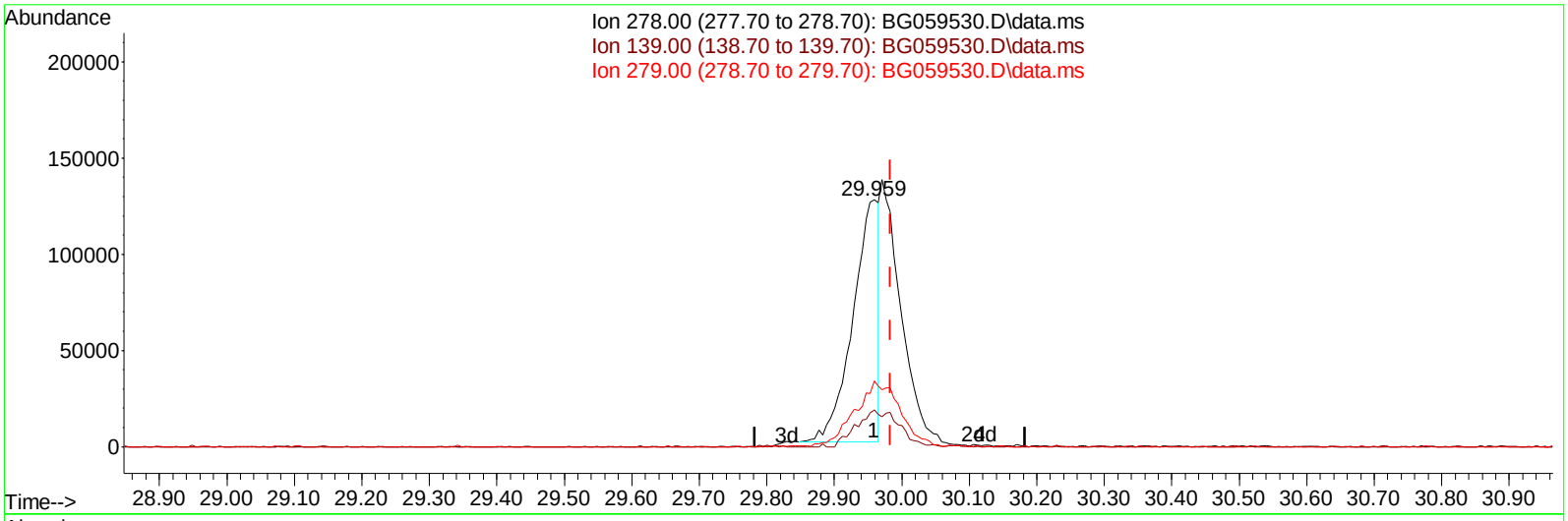
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059530.D
Acq On : 28 Oct 2023 20:41
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

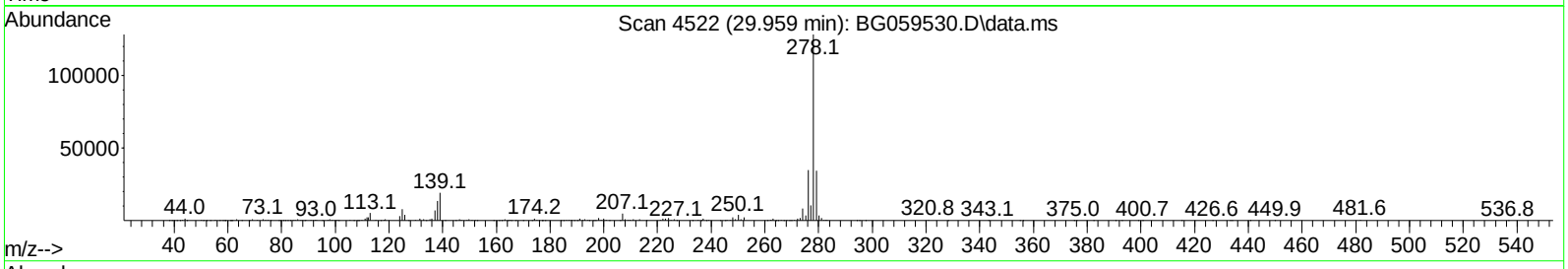
Quant Time: Oct 30 03:03:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

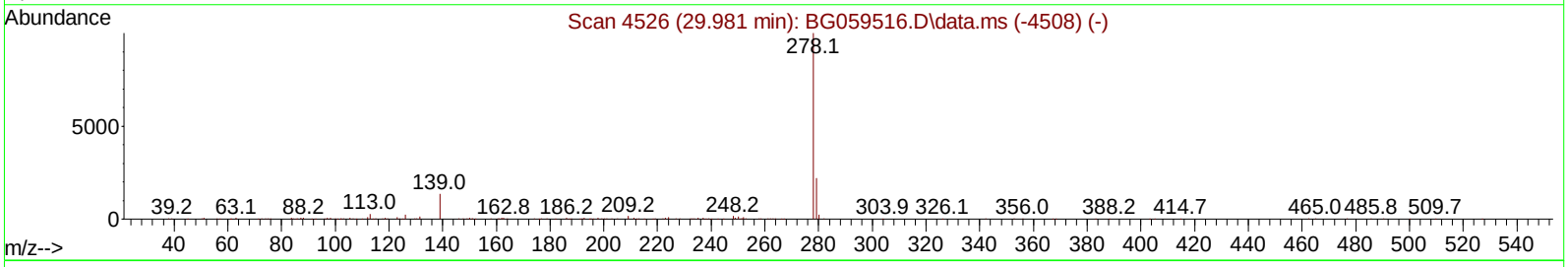
Instrument :
BNA_G
ClientSampleId :
SSTD020460

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023







TIC: BG059530.D\data.ms

(95) Dibenzo(a,h)anthracene

29.959min (-0.024) 10.24 ng/ul

response 336967

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.80	14.97
279.00	22.90	26.79
0.00	0.00	0.00

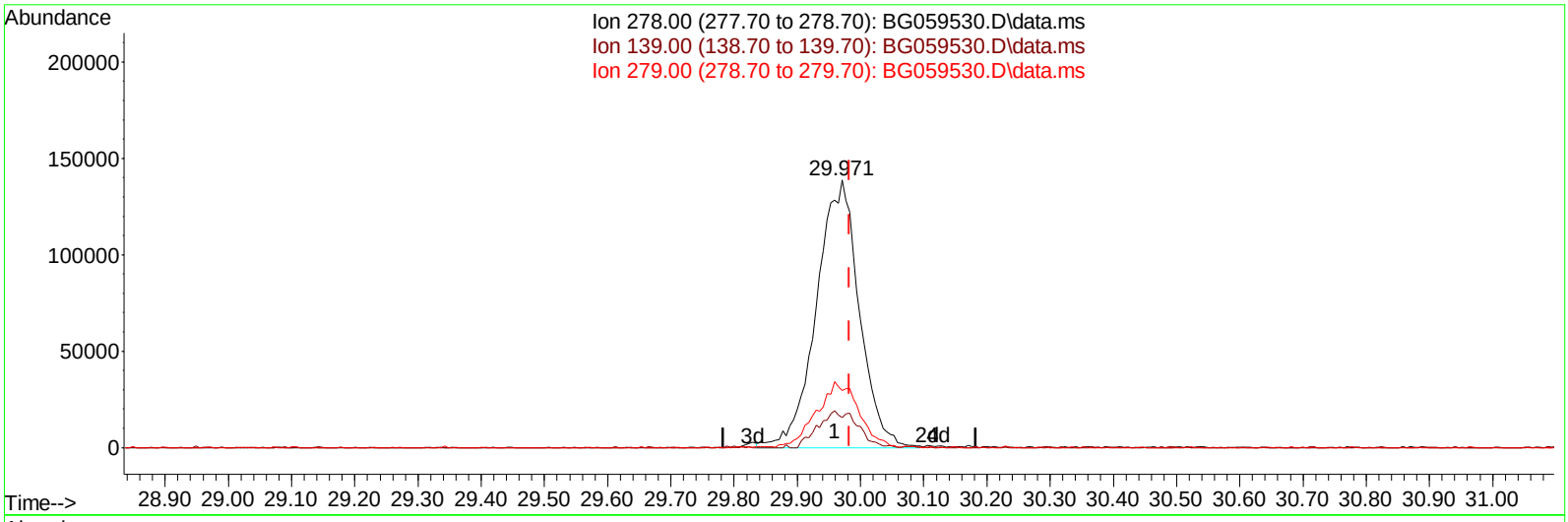
Quantitation Report (Qedit)

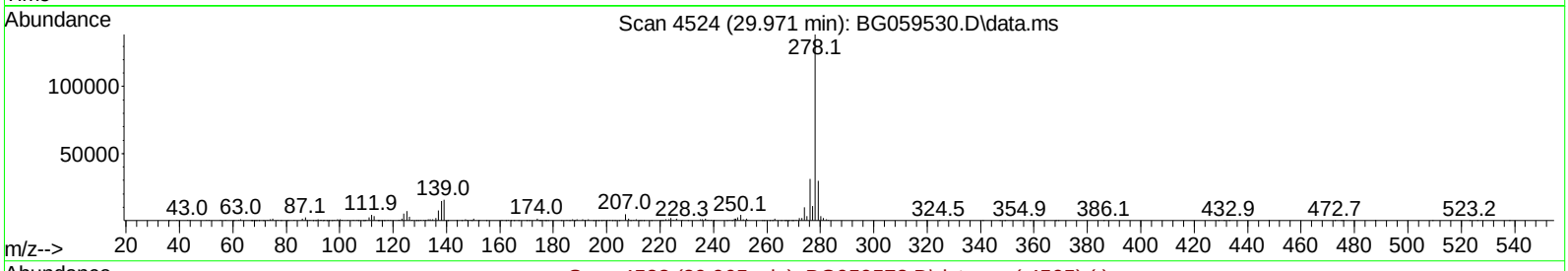
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059530.D
Acq On : 28 Oct 2023 20:41
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

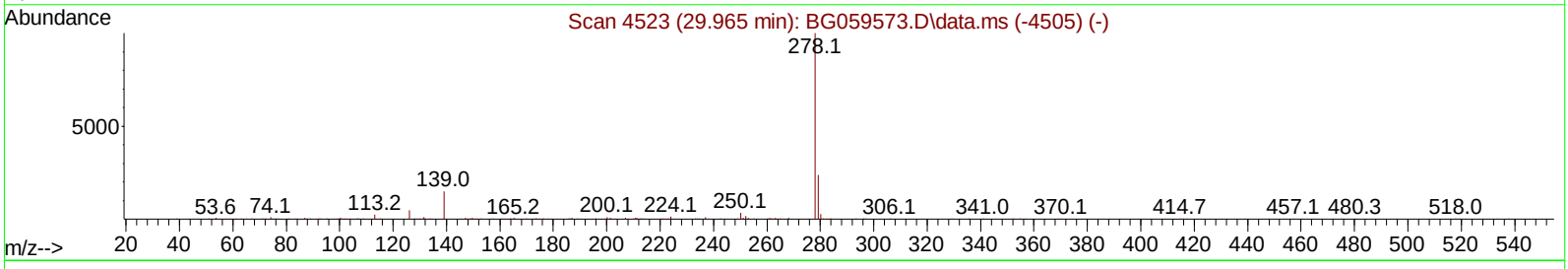
Quant Time: Oct 30 03:07:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020460

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023







TIC: BG059530.D\data.ms

(95) Dibenzo(a,h)anthracene

29.971min (-0.012) 19.81 ng/ul m

response 652078

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.80	11.20
279.00	22.90	21.34
0.00	0.00	0.00

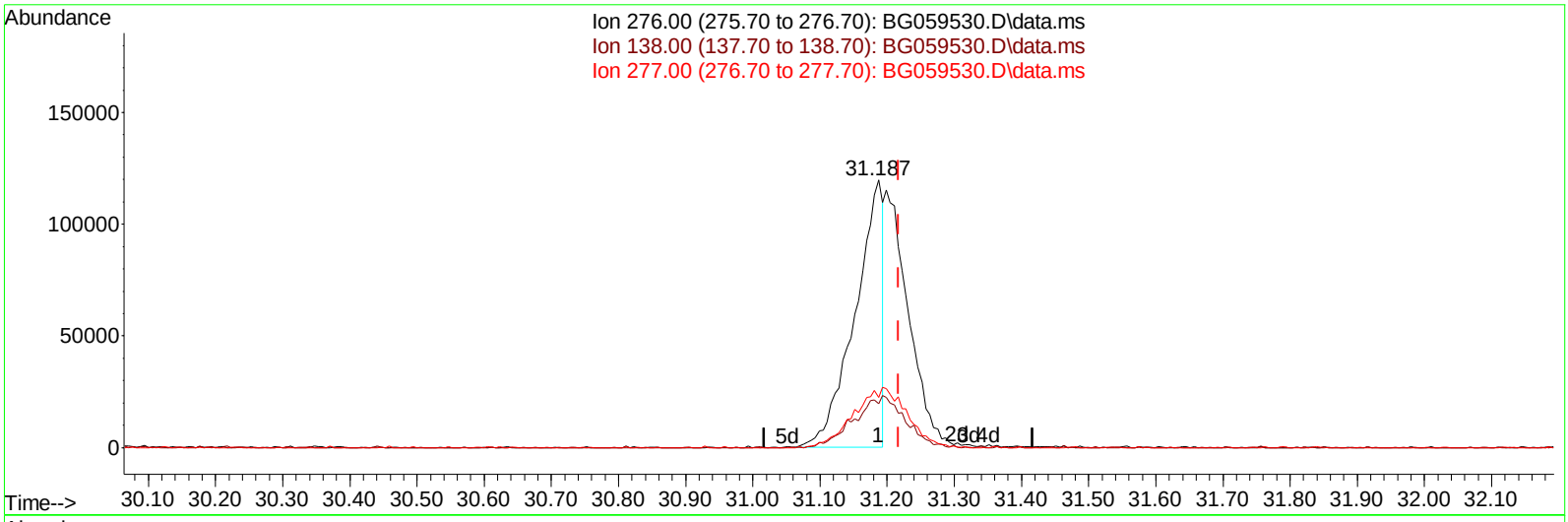
Quantitation Report (Qedit)

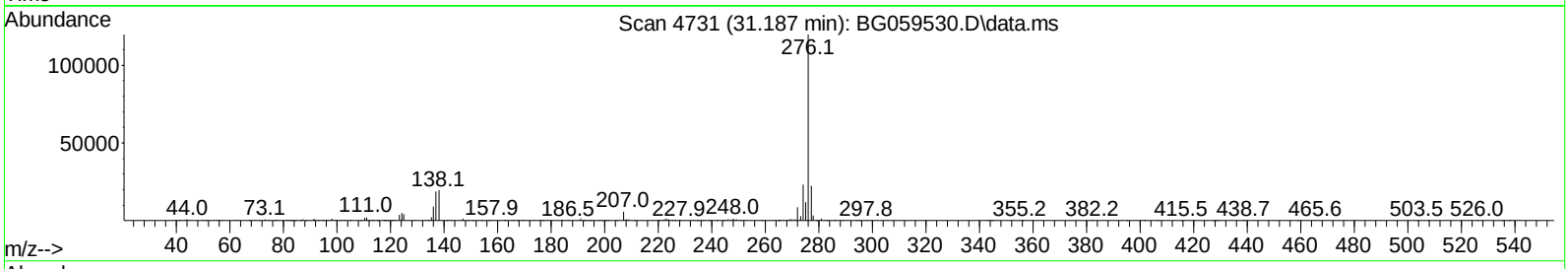
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059530.D
Acq On : 28 Oct 2023 20:41
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

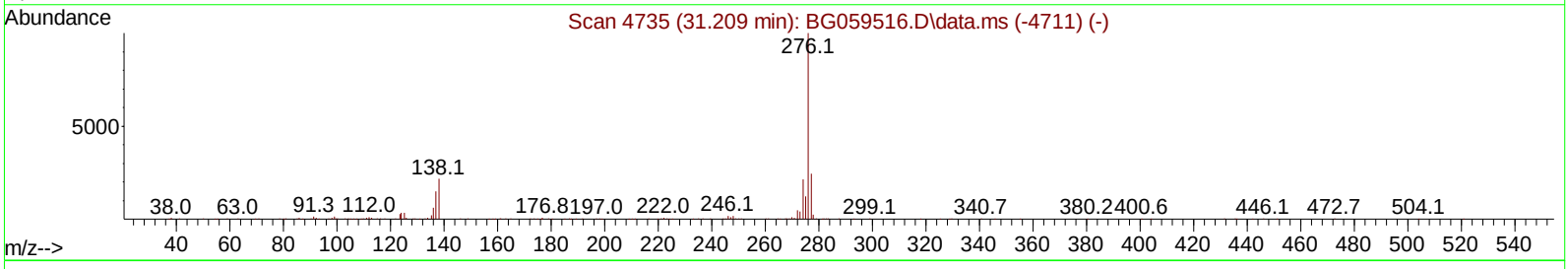
Quant Time: Oct 30 03:03:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020460

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023







TIC: BG059530.D\data.ms

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

31.187min (-0.030) 10.57 ng/ul

response 344686

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.20	16.31
277.00	22.80	18.87
0.00	0.00	0.00

Quantitation Report (Qedit)

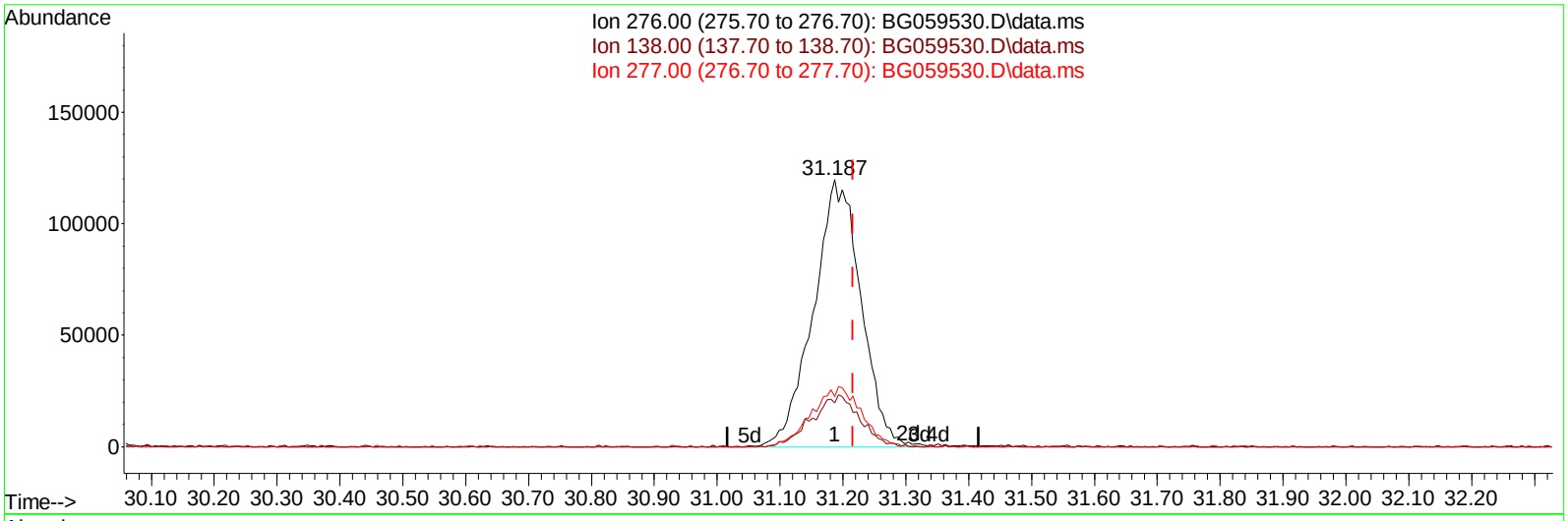
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059530.D
Acq On : 28 Oct 2023 20:41
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

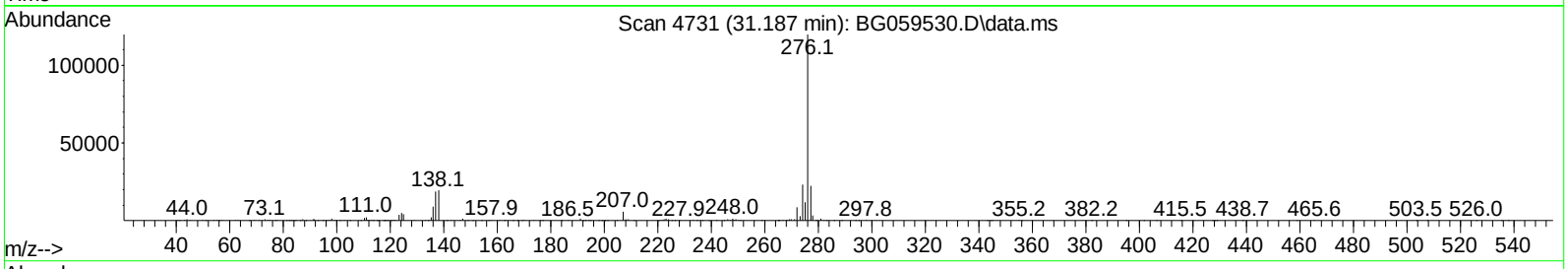
Quant Time: Oct 30 03:03:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

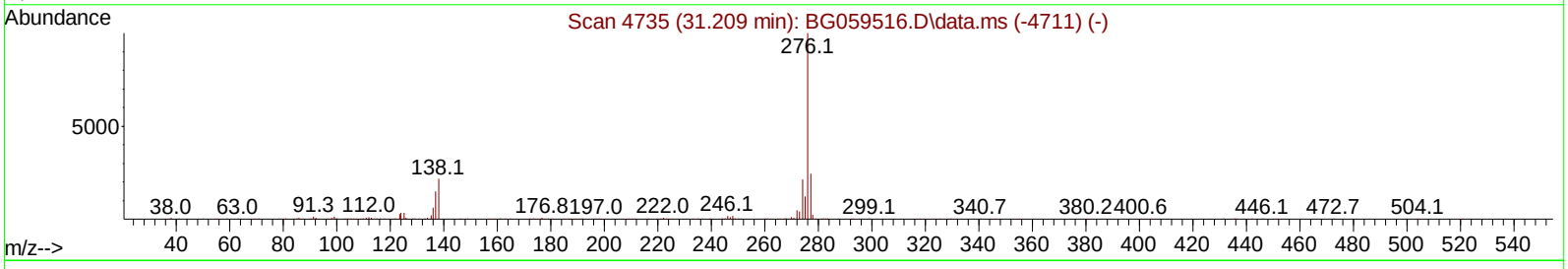
Instrument :
BNA_G
ClientSampleId :
SSTD020460

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023







TIC: BG059530.D\data.ms

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

31.187min (-0.030) 19.31 ng/ul m

response 629997

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.20	16.31
277.00	22.80	18.87
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059530.D
Acq On : 28 Oct 2023 20:41
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 30 03:07:01 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
ClientSampleId :
SSTD020460

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	81318	20.000	ng/ul	0.00
20) Naphthalene-d8	11.210	136	384716	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.988	164	231931	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.738	188	523390	20.000	ng/ul	0.00
79) Chrysene-d12	22.074	240	412738	20.000	ng/ul	0.00
88) Perylene-d12	25.682	264	458993	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.660	96	16460	7.573	ng/uL	0.00
4) Pyridine-d5	4.089	84	123477	20.330	ng/ul	0.00
7) Phenol-d5	7.468	99	179198	21.445	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	79503	20.714	ng/ul	0.00
11) 2-Chlorophenol-d4	7.873	132	139597	20.592	ng/ul	0.00
15) 4-Methylphenol-d8	9.042	113	143397	21.630	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	65353	23.891	ng/ul	0.00
24) 2-Nitrophenol-d4	10.282	143	72809	25.927	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.805	165	131619	21.273	ng/ul	0.00
31) 4-Chloroaniline-d4	11.351	131	211672	20.783	ng/ul	0.00
46) Dimethylphthalate-d6	14.383	166	419578	19.968	ng/ul	0.00
49) Acenaphthylene-d8	14.695	160	498943	20.233	ng/ul	0.00
54) 4-Nitrophenol-d4	15.153	143	86816	24.093	ng/ul	0.00
60) Fluorene-d10	15.975	176	364207	20.282	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.081	200	55918	22.560	ng/ul	0.00
73) Anthracene-d10	17.838	188	575324	20.290	ng/ul	0.00
81) Pyrene-d10	20.106	212	577580	20.133	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.435	264	544503	20.146	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.702	88	17927	7.369	ng/uL#	93
5) Pyridine	4.113	79	126179	21.062	ng/ul	90
6) Benzaldehyde	7.503	77	90923	24.157	ng/ul	92
8) Phenol	7.497	94	168730	21.418	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.779	93	121998	21.118	ng/ul	95
12) 2-Chlorophenol	7.908	128	146848	21.850	ng/ul	96
13) 2-Methylphenol	8.778	108	140163	21.343	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.884	45	105833m	19.467	ng/ul	
16) Acetophenone	9.201	105	220513	21.101	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.172	70	101700	20.654	ng/ul#	94
18) 4-Methylphenol	9.107	108	143560	20.545	ng/ul	99
19) Hexachloroethane	9.448	117	56510	21.170	ng/ul	94
22) Nitrobenzene	9.606	77	143662	24.332	ng/ul	97
23) Isophorone	10.112	82	289893	19.496	ng/ul#	93
25) 2-Nitrophenol	10.312	139	76328	25.273	ng/ul#	87
26) 2,4-Dimethylphenol	10.335	107	168144	21.166	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.599	93	163768	19.781	ng/ul	98
29) 2,4-Dichlorophenol	10.829	162	129891	21.700	ng/ul	95
30) Naphthalene	11.263	128	477833	19.927	ng/ul#	96
32) 4-Chloroaniline	11.375	127	195054	20.161	ng/ul	98
33) Hexachlorobutadiene	11.492	225	77323	21.533	ng/ul	95
34) Caprolactam	12.139	113	43310m	19.778	ng/ul	
35) 4-Chloro-3-methylphenol	12.438	107	154582	21.644	ng/ul	92

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059530.D
Acq On : 28 Oct 2023 20:41
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 30 03:07:01 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
ClientSampleId :
SSTD020460

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.838	142	328471	19.912	ng/ul	98
37) 1-Methylnaphthalene	13.055	142	335635	20.427	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.179	216	139667	20.879	ng/ul	98
40) Hexachlorocyclopentadiene	13.138	237	80316	20.596	ng/ul	93
41) 2,4,6-Trichlorophenol	13.420	196	99040	21.381	ng/ul	93
42) 2,4,5-Trichlorophenol	13.484	196	108016m	21.539	ng/ul	
43) 1,1'-Biphenyl	13.831	154	430735	20.529	ng/ul#	98
44) 2-Chloronaphthalene	13.878	162	320874	19.677	ng/ul	93
45) 2-Nitroaniline	14.089	65	83080	27.381	ng/ul	90
47) Dimethylphthalate	14.430	163	415167	19.999	ng/ul#	96
48) 2,6-Dinitrotoluene	14.571	165	73130	23.352	ng/ul#	78
50) Acenaphthylene	14.718	152	573418	20.182	ng/ul	99
51) 3-Nitroaniline	14.906	138	98128	25.139	ng/ul#	83
52) Acenaphthene	15.053	153	367494	19.843	ng/ul	96
53) 2,4-Dinitrophenol	15.094	184	41585	23.371	ng/ul	86
55) 4-Nitrophenol	15.165	109	104044	26.201	ng/ul	94
56) Dibenzofuran	15.388	168	489693	20.395	ng/ul	91
57) 2,4-Dinitrotoluene	15.347	165	107606	24.428	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.588	232	85704	21.774	ng/ul#	88
59) Diethylphthalate	15.776	149	451638	19.944	ng/ul	95
61) Fluorene	16.034	166	405652	19.570	ng/ul	94
62) 4-Chlorophenyl-phenyle...	16.017	204	180566	20.383	ng/ul	93
63) 4-Nitroaniline	16.069	138	97007m	23.417	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.093	198	57108	21.862	ng/ul#	82
67) N-Nitrosodiphenylamine	16.234	169	358547	20.049	ng/ul	98
68) 4-Bromophenyl-phenylether	16.916	248	104839	20.017	ng/ul	97
69) Hexachlorobenzene	17.004	284	124203	20.519	ng/ul	90
70) Atrazine	17.168	200	116375	21.000	ng/ul	93
71) Pentachlorophenol	17.356	266	82646	23.900	ng/ul	93
72) Phenanthrene	17.785	178	669898	19.688	ng/ul	99
74) Anthracene	17.873	178	684210	19.916	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.784	216	135083	19.381	ng/uL	98
76) Pentachlorobenzene	15.276	250	130417	19.719	ng/uL	95
77) Carbazole	18.144	167	635894	21.546	ng/ul#	93
78) Di-n-butylphthalate	18.661	149	805748	19.870	ng/ul	99
80) Fluoranthene	19.771	202	734485	21.003	ng/ul	98
82) Pyrene	20.135	202	727915	20.039	ng/ul	97
83) Butylbenzylphthalate	21.005	149	364891	22.243	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.963	252	245319	22.856	ng/ul	90
85) Benzo(a)anthracene	22.057	228	679148	19.995	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.904	149	533358	21.789	ng/ul	98
87) Chrysene	22.127	228	641898	20.316	ng/ul	95
89) Di-n-octyl phthalate	23.261	149	888217	22.103	ng/ul	100
90) Benzo(b)fluoranthene	24.513	252	665307	19.997	ng/ul	98
91) Benzo(k)fluoranthene	24.595	252	683041	20.553	ng/ul	99
93) Benzo(a)pyrene	25.511	252	616724	19.612	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.865	276	781088m	19.597	ng/ul	
95) Dibenzo(a,h)anthracene	29.971	278	652078m	19.808	ng/ul	
96) Benzo(g,h,i)perylene	31.187	276	629997m	19.312	ng/ul	

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

Instrument :
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SSTD020460

Manual Integrations
APPROVED

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Manual Integrations APPROVED

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