Quantitation Report (Qedit)

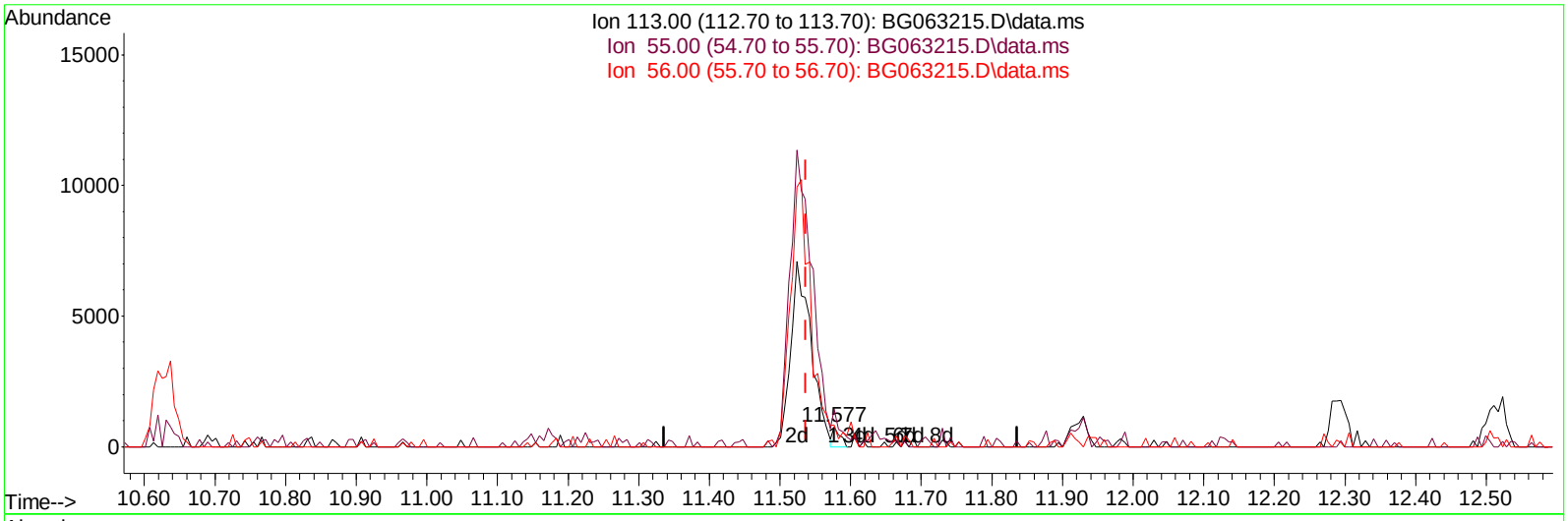
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063215.D
Acq On : 7 Nov 2024 23:15
Operator : RC/JU
Sample : P4585-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

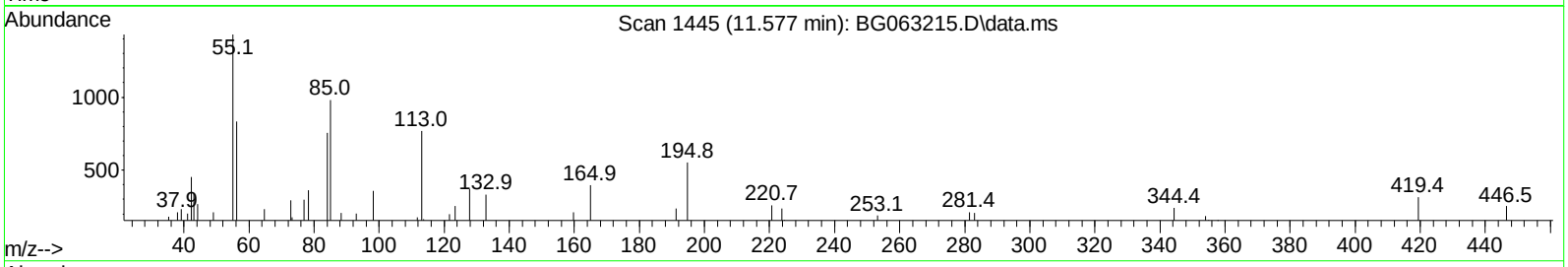
Quant Time: Nov 08 00:14:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

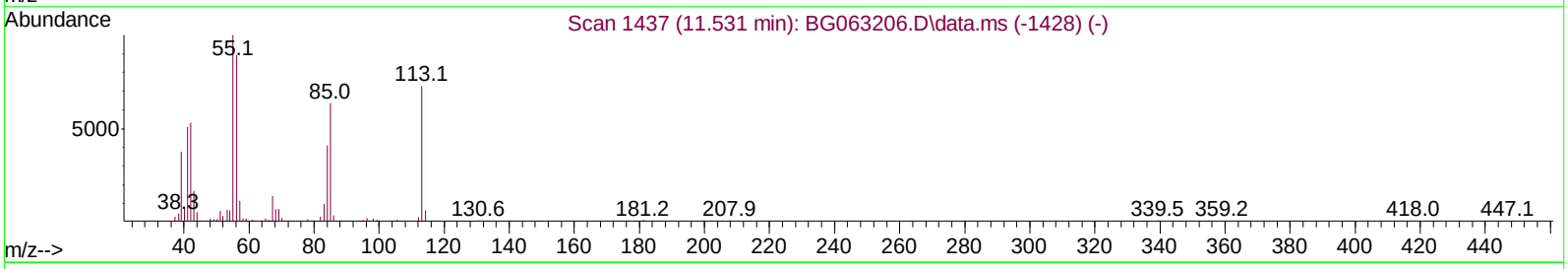
Instrument :
BNA_G
ClientSampleId :
A4EE0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063215.D\data.ms

(34) Caprolactam

11.577min (+ 0.040) 0.19 ng/ul

response 547

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	153.10
56.00	105.40	89.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063215.D
Acq On : 7 Nov 2024 23:15
Operator : RC/JU
Sample : P4585-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 08 00:14:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4EE0MSD

Manual IntegrationsAPPROVED

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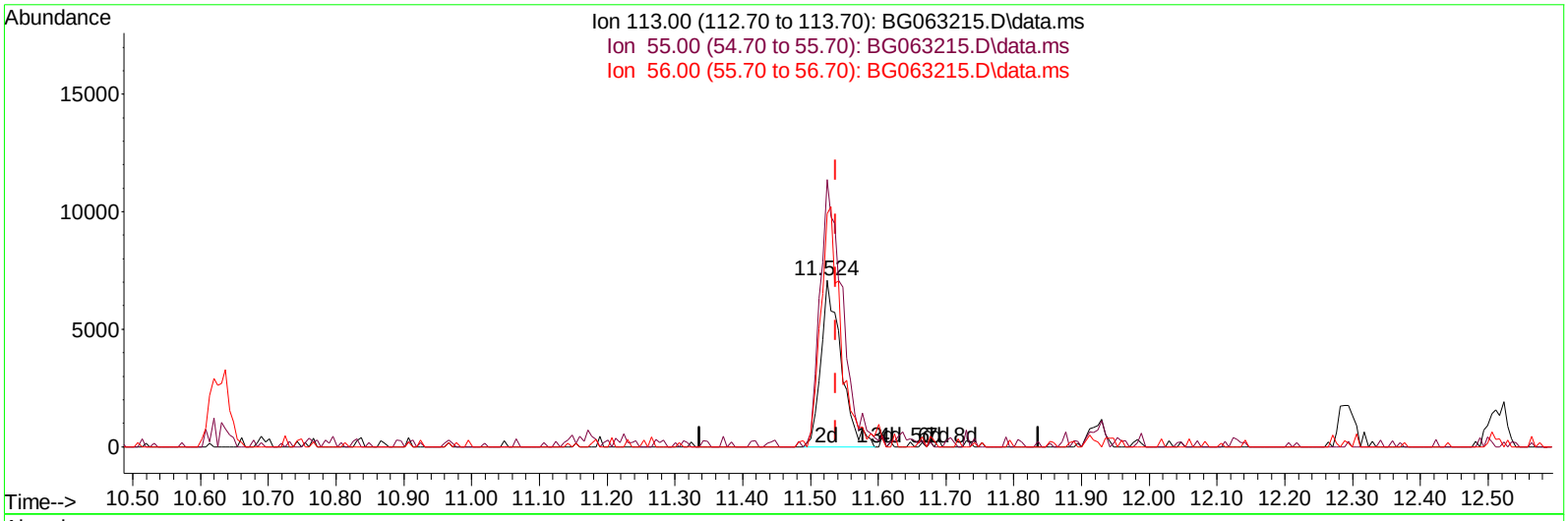

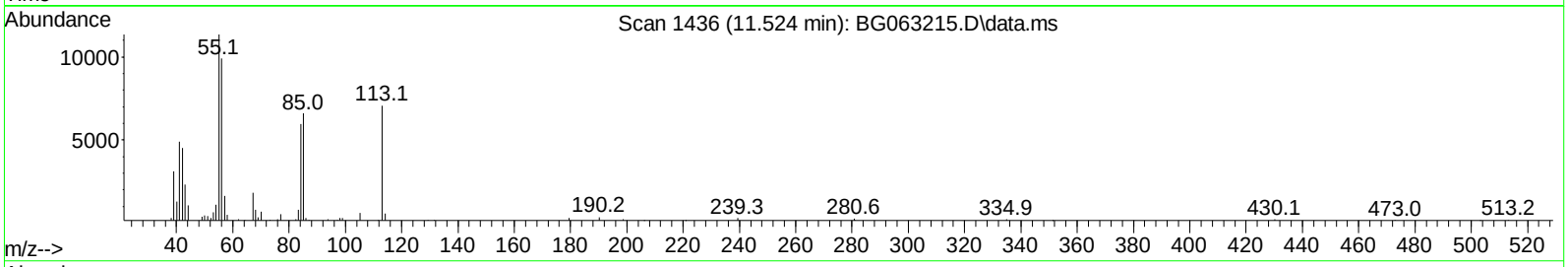

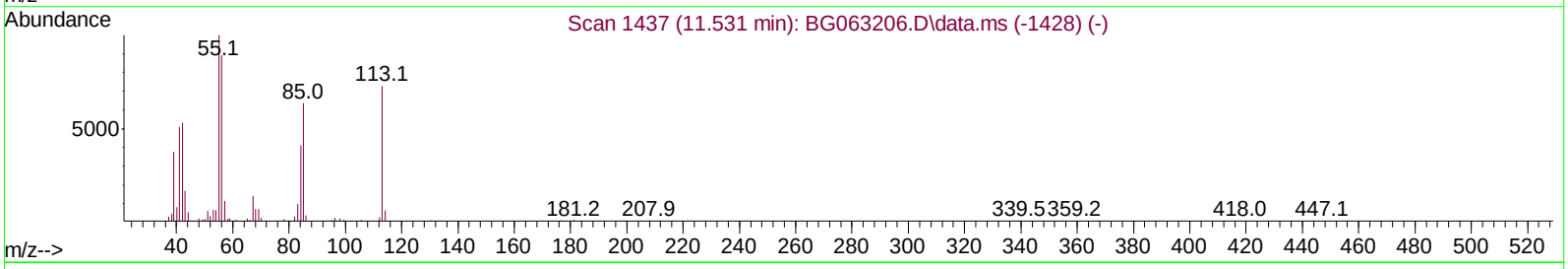

TIC: BG063215.D\data.ms

(34) Caprolactam

11.524min (-0.013) 5.02 ng/ul m

response 14814

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	160.35
56.00	105.40	140.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063215.D
Acq On : 7 Nov 2024 23:15
Operator : RC/JU
Sample : P4585-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 08 00:14:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
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Instrument :
BNA_G
ClientSampleId :
A4EE0MSD

Manual IntegrationsAPPROVED

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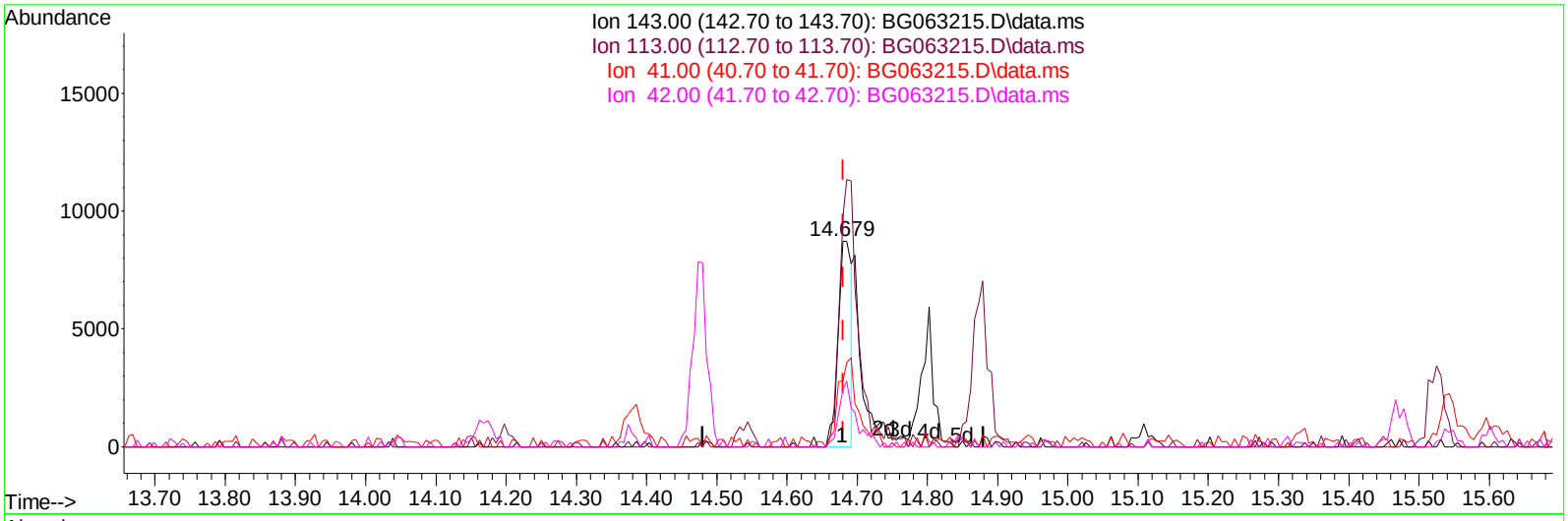
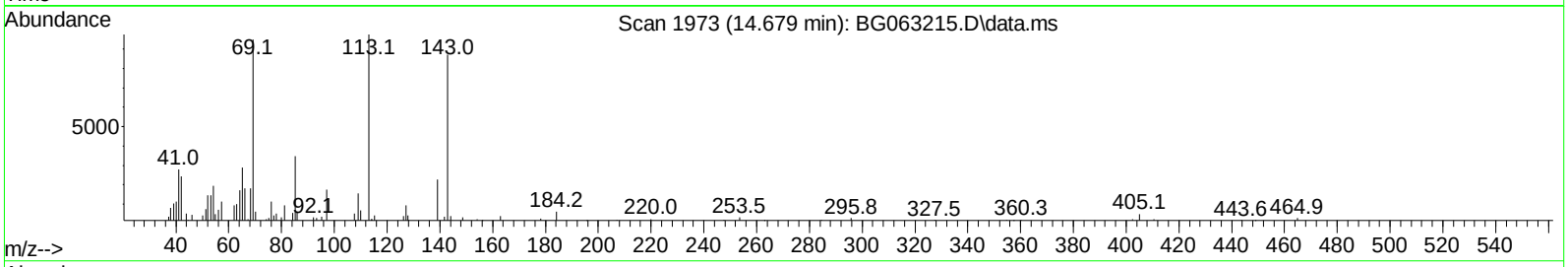
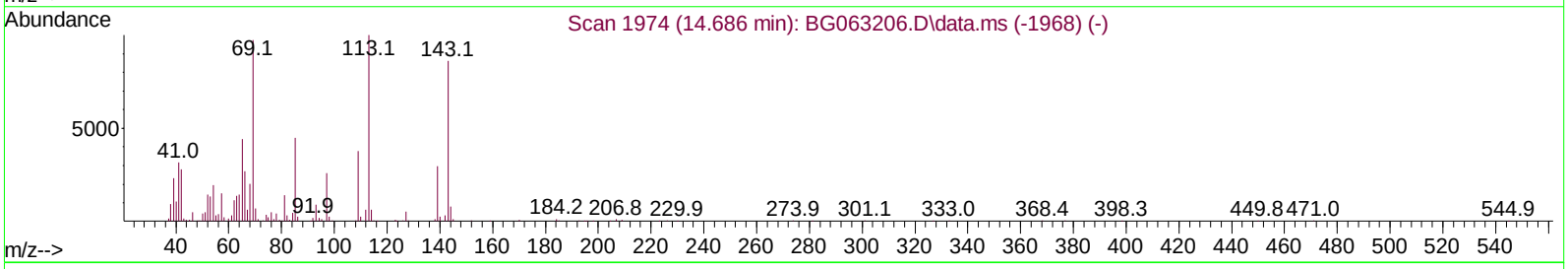






TIC: BG063215.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.679min (-0.001) 2.56 ng/ul

response 11377

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	123.00	111.81
41.00	42.60	32.09#
42.00	30.90	27.78

Quantitation Report (Qedit)

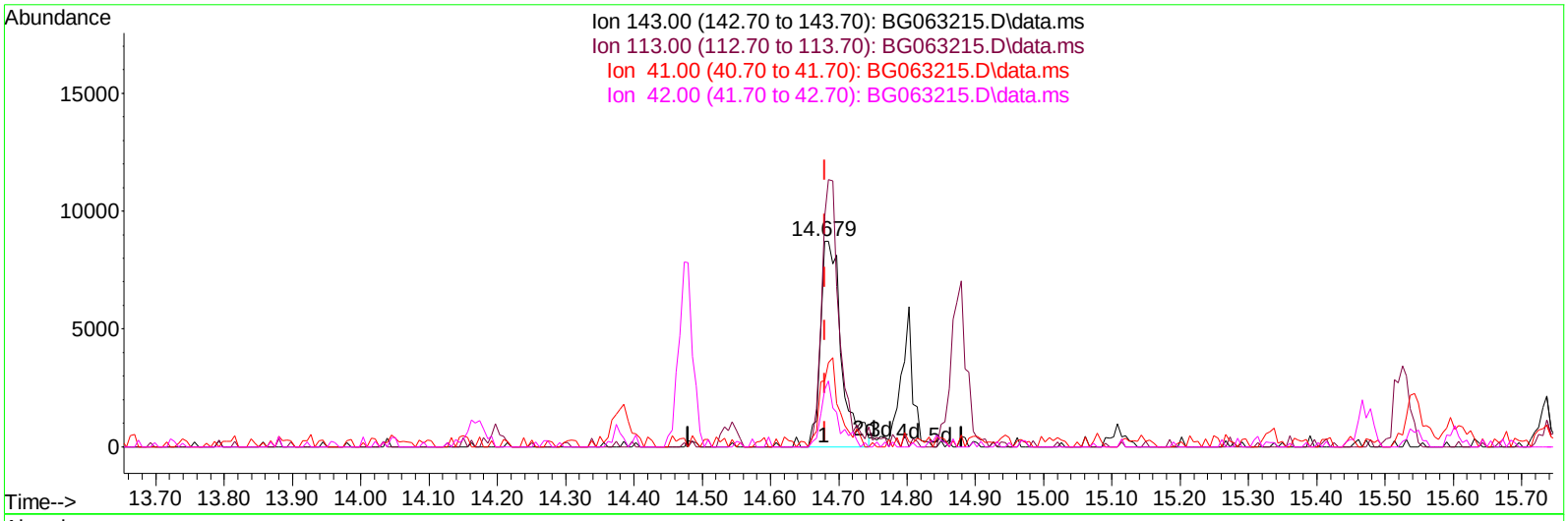
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063215.D
Acq On : 7 Nov 2024 23:15
Operator : RC/JU
Sample : P4585-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

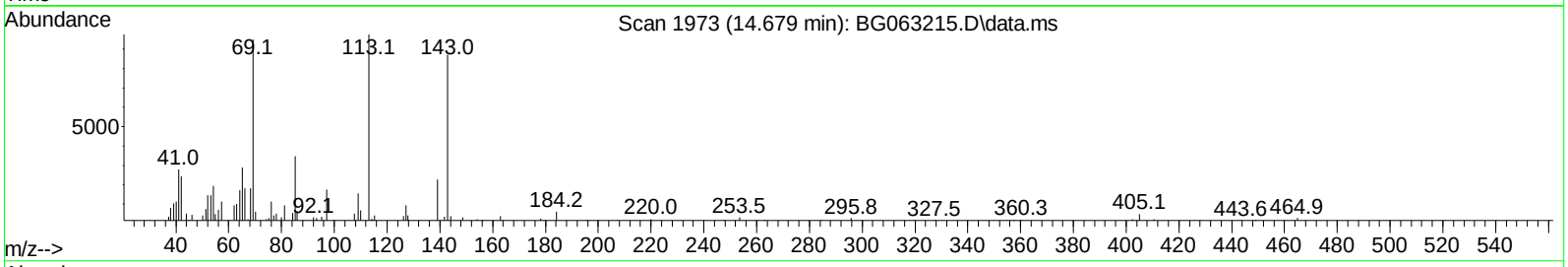
Quant Time: Nov 08 00:14:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

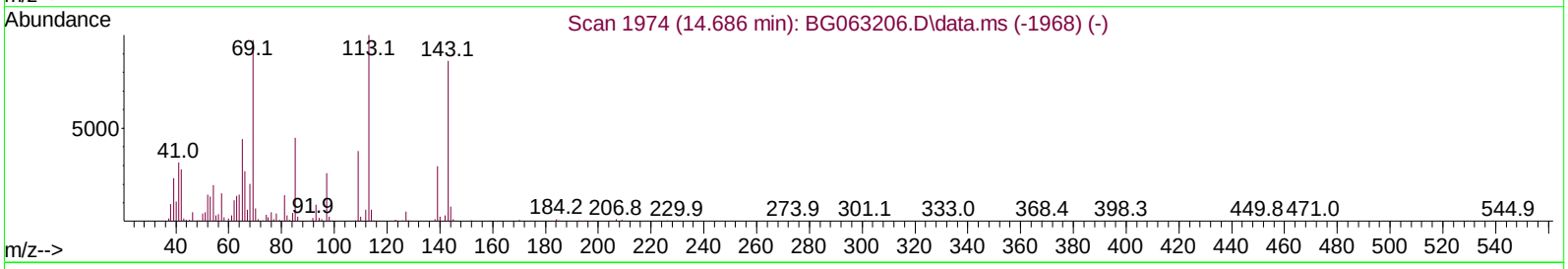
Instrument :
BNA_G
ClientSampleId :
A4EE0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063215.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.679min (-0.001) 4.17 ng/ul m

response 18568

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	123.00	111.81
41.00	42.60	32.09#
42.00	30.90	27.78

Quantitation Report (Qedit)

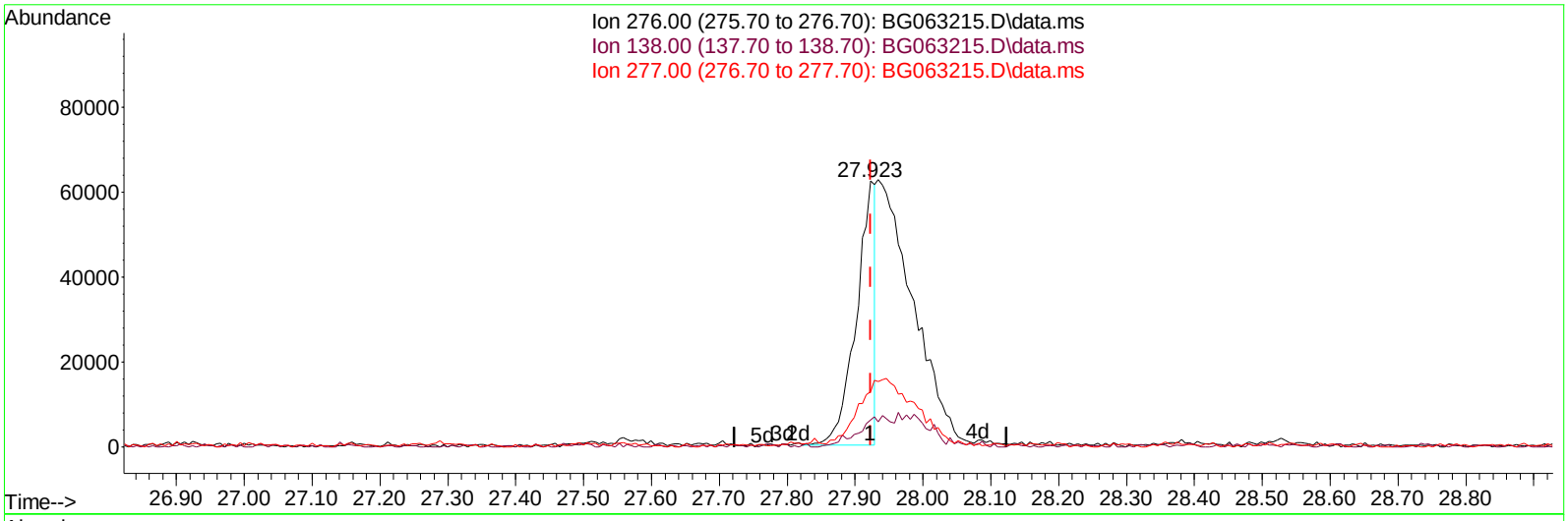
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063215.D
Acq On : 7 Nov 2024 23:15
Operator : RC/JU
Sample : P4585-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

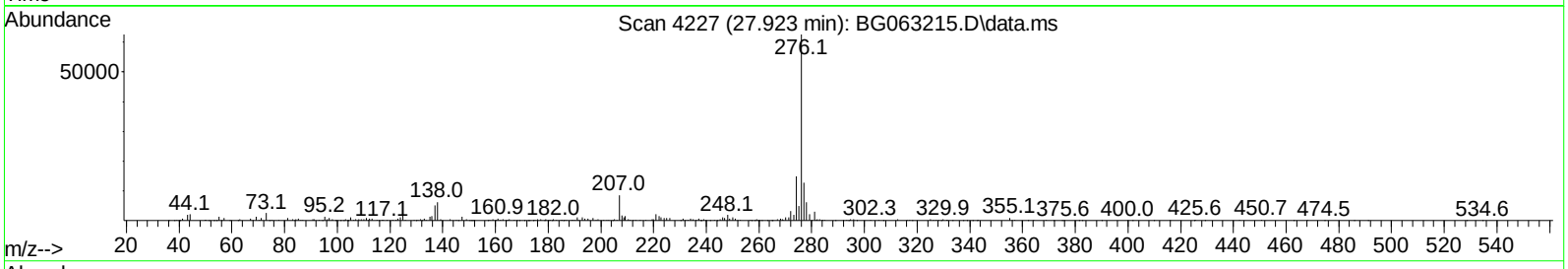
Quant Time: Nov 08 00:14:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

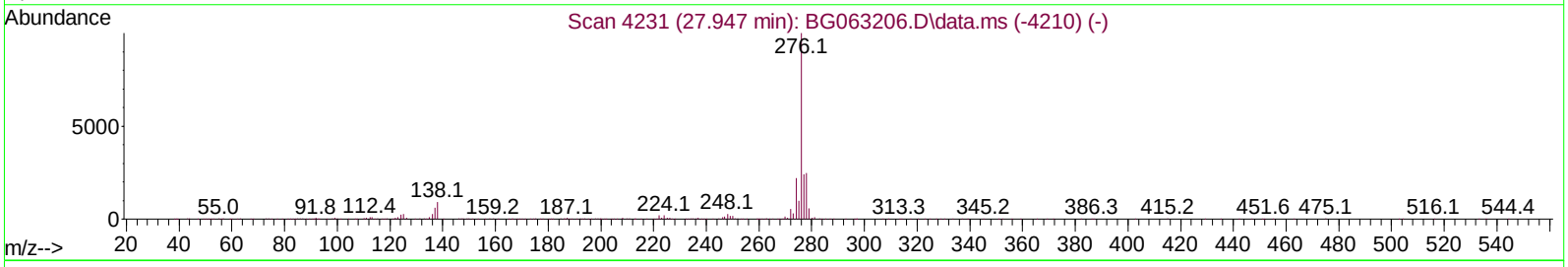
Instrument :
BNA_G
ClientSampleId :
A4EE0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063215.D\data.ms

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

27.923min (-0.001) 1.61 ng/ul

response 121308

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.40	10.17
277.00	21.70	20.67
0.00	0.00	0.00

Quantitation Report (Qedit)

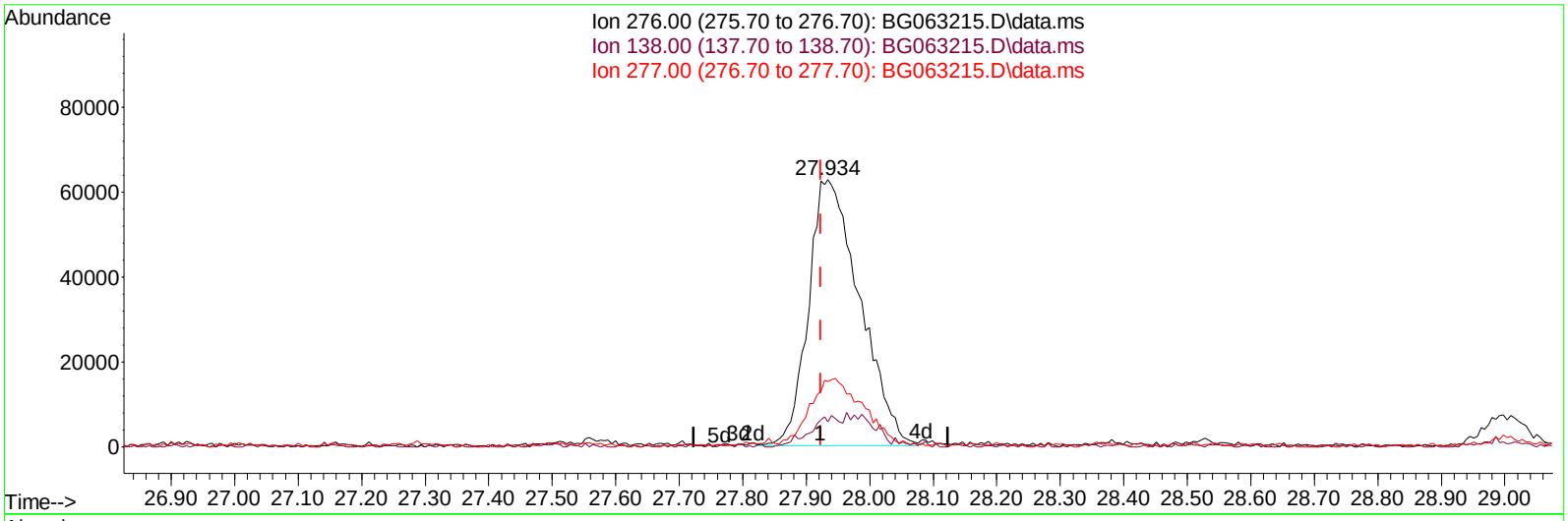
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063215.D
Acq On : 7 Nov 2024 23:15
Operator : RC/JU
Sample : P4585-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

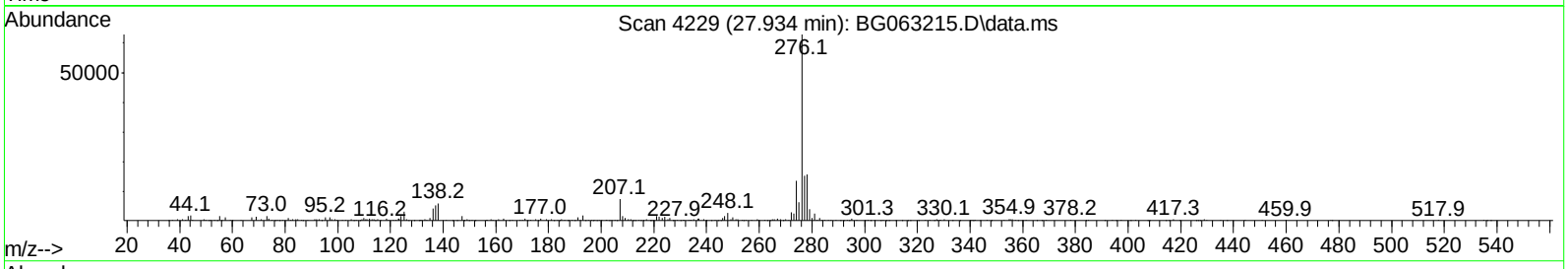
Quant Time: Nov 08 00:14:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

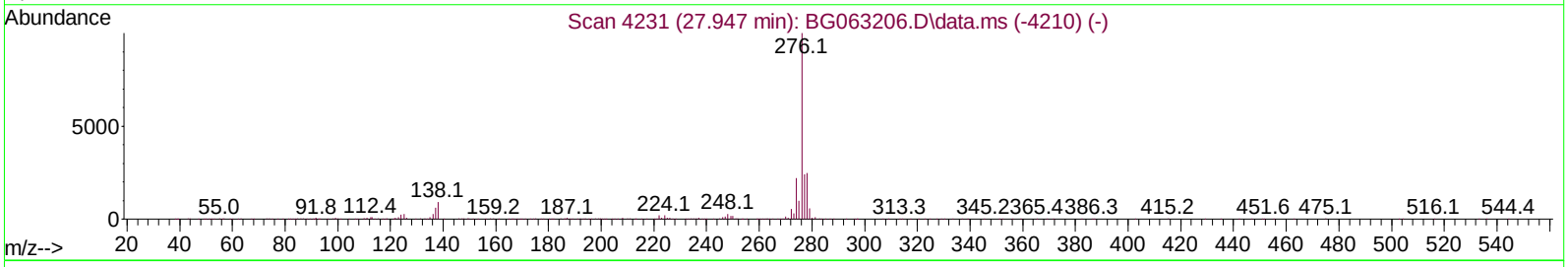
Instrument :
BNA_G
ClientSampleId :
A4EE0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063215.D\data.ms

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

27.934min (+ 0.011) 4.69 ng/ul m

response 352512

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.40	9.45
277.00	21.70	24.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063215.D
Acq On : 7 Nov 2024 23:15
Operator : RC/JU
Sample : P4585-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 08 00:14:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4EE0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
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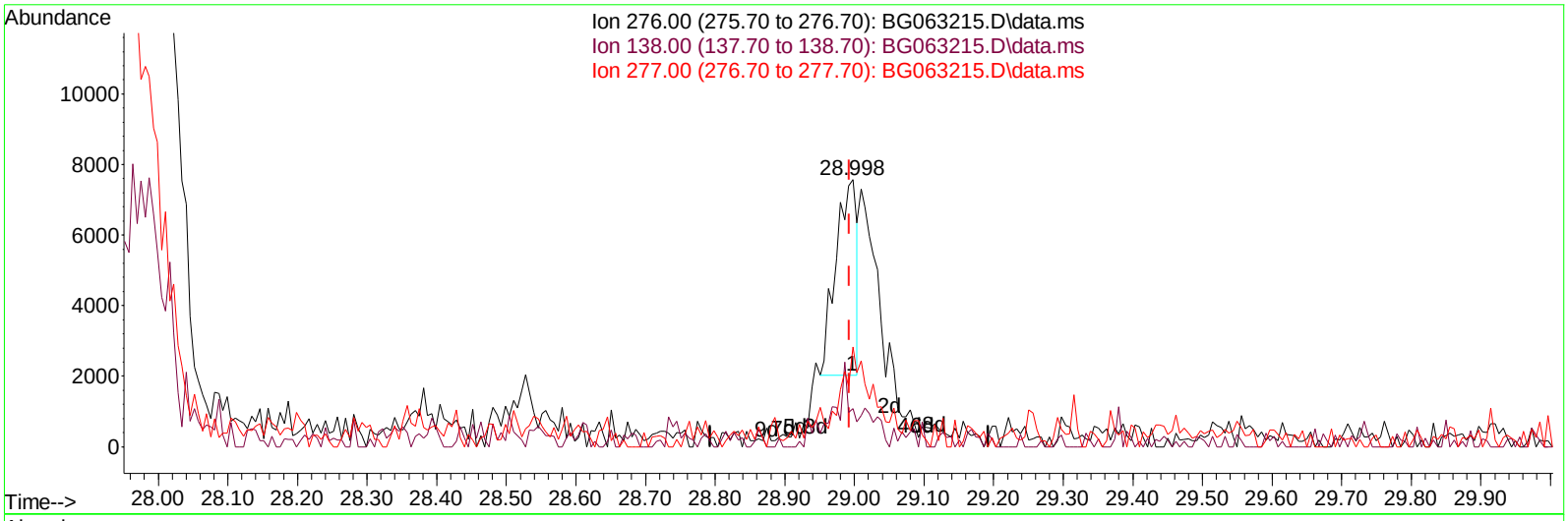

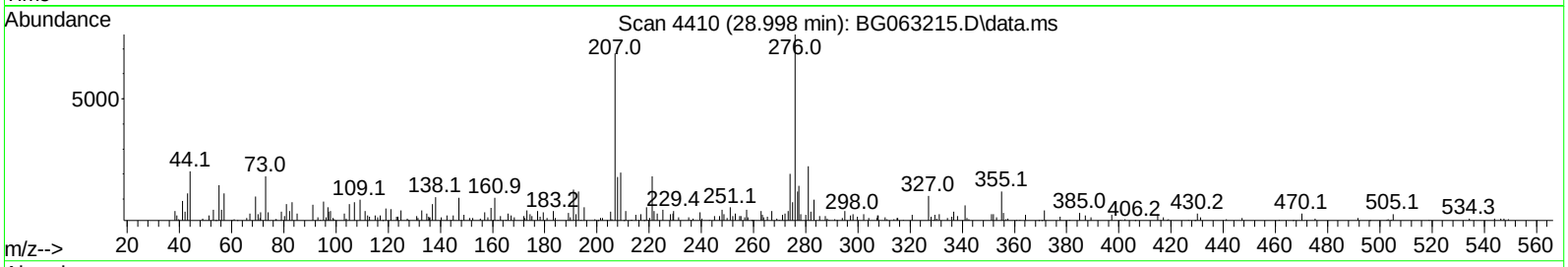

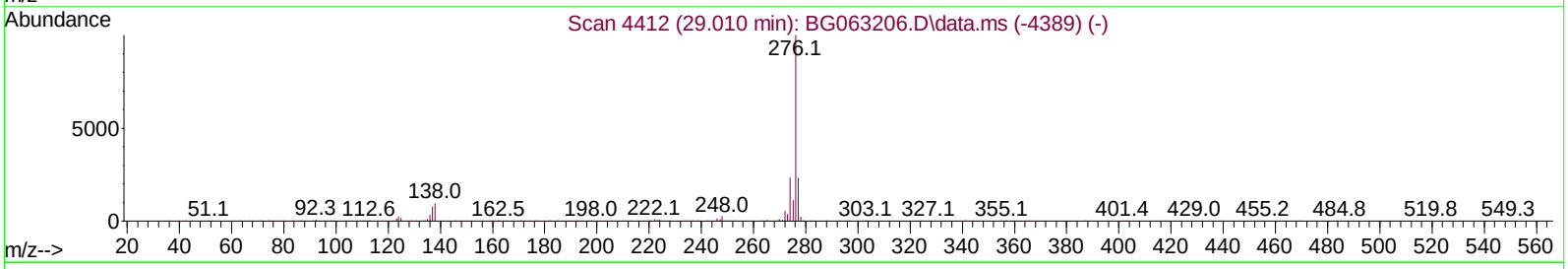

TIC: BG063215.D\data.ms

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

28.998min (+ 0.005) 0.20 ng/ul

response 11553

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.10	14.34#
277.00	23.20	37.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063215.D
Acq On : 7 Nov 2024 23:15
Operator : RC/JU
Sample : P4585-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 08 00:14:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
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BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
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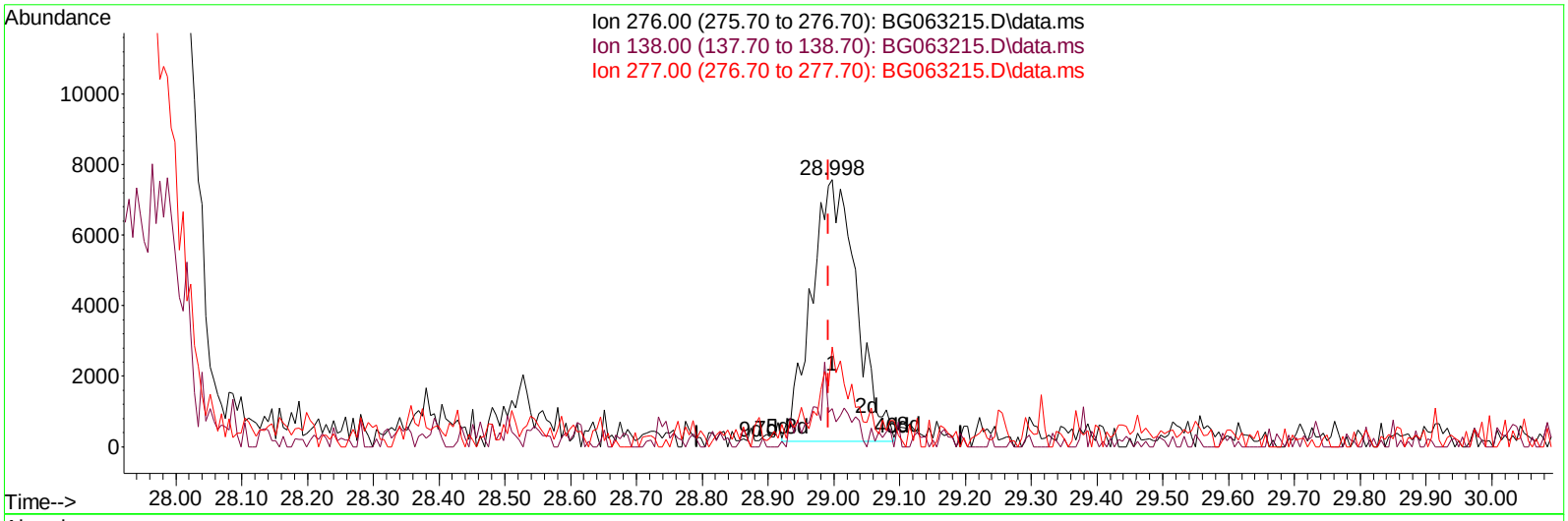

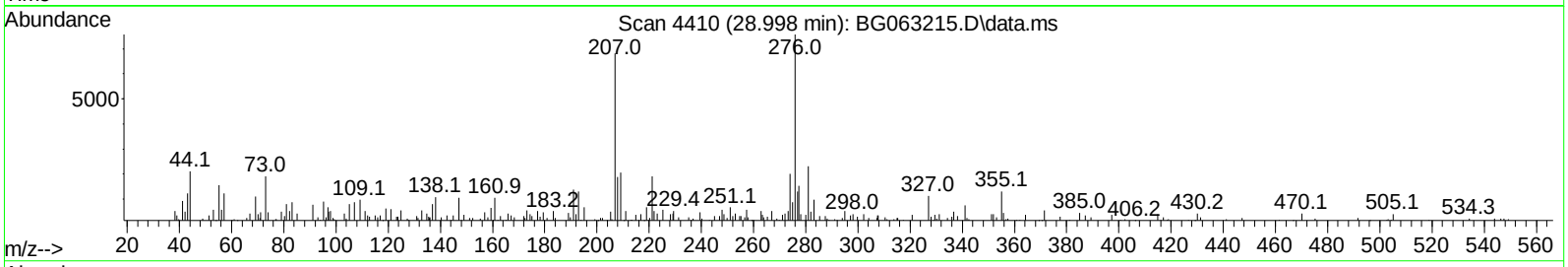

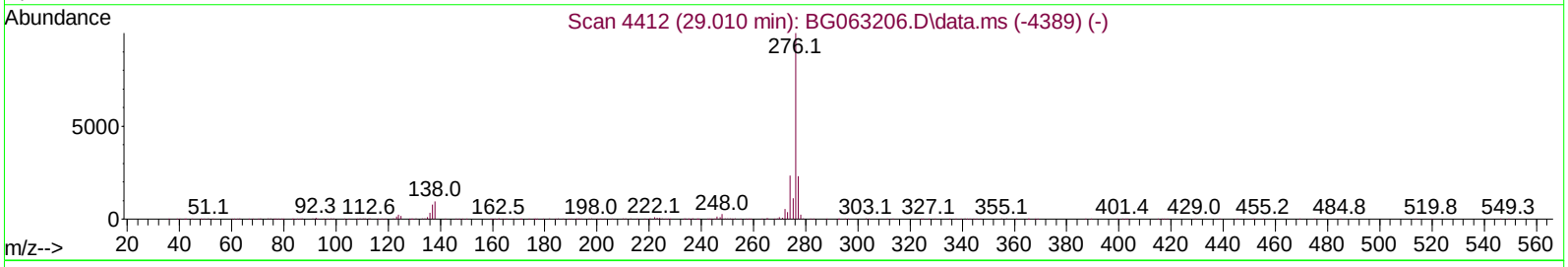

TIC: BG063215.D\data.ms

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

28.998min (+ 0.005) 0.62 ng/ul m

response 35078

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.10	14.34#
277.00	23.20	20.25
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063215.D
Acq On : 7 Nov 2024 23:15
Operator : RC/JU
Sample : P4585-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 08 00:18:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
ClientSampleId :
A4EE0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	87950	20.000	ng/ul	0.00
20) Naphthalene-d8	10.631	136	422597	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.479	164	414720	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.229	188	999756	20.000	ng/ul	0.00
79) Chrysene-d12	21.483	240	1032478	20.000	ng/ul	0.00
88) Perylene-d12	24.521	264	1100558	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	1070	0.550	ng/uL	0.00
4) Pyridine-d5	3.716	84	18912	2.942	ng/ul	0.00
7) Phenol-d5	7.012	99	36774	4.634	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.170	67	20416	4.386	ng/ul	0.00
11) 2-Chlorophenol-d4	7.376	132	24300	4.717	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	25973	3.861	ng/ul	0.00
21) Nitrobenzene-d5	8.992	128	13878	4.671	ng/ul	0.00
24) 2-Nitrophenol-d4	9.714	143	17664	4.600	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.255	165	38554	5.116	ng/ul	0.00
31) 4-Chloroaniline-d4	10.766	131	28618	2.916	ng/ul	0.00
46) Dimethylphthalate-d6	13.880	166	147672	4.546	ng/ul	0.00
49) Acenaphthylene-d8	14.168	160	150958	4.748	ng/ul	0.00
54) 4-Nitrophenol-d4	14.679	143	18568m	4.175	ng/ul	0.00
60) Fluorene-d10	15.472	176	134244	4.896	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	22545	3.588	ng/ul	0.00
73) Anthracene-d10	17.323	188	225045	5.237	ng/ul	0.00
81) Pyrene-d10	19.621	212	219183	4.234	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.309	264	139343	2.622	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	4029	1.683	ng/uL	98
5) Pyridine	3.745	79	8827	1.346	ng/ul#	86
6) Benzaldehyde	6.976	77	5567	1.269	ng/ul	91
8) Phenol	7.041	94	55776	6.449	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.264	93	31482	5.352	ng/ul	93
12) 2-Chlorophenol	7.405	128	30948	5.617	ng/ul	95
13) 2-Methylphenol	8.287	108	30399	4.812	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.351	45	41710	5.610	ng/ul	96
16) Acetophenone	8.657	105	127234	11.748	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.639	70	31647	5.009	ng/ul#	94
18) 4-Methylphenol	8.616	108	37529	5.224	ng/ul	87
19) Hexachloroethane	8.910	117	7898	3.537	ng/ul#	78
22) Nitrobenzene	9.039	77	51248	5.594	ng/ul#	82
23) Isophorone	9.550	82	97025	5.018	ng/ul	98
25) 2-Nitrophenol	9.750	139	21339	5.622	ng/ul	94
26) 2,4-Dimethylphenol	9.808	107	8536	1.031	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.038	93	50184	5.384	ng/ul	97
29) 2,4-Dichlorophenol	10.284	162	42987	6.051	ng/ul#	81
30) Naphthalene	10.678	128	132494	6.127	ng/ul	99
32) 4-Chloroaniline	10.796	127	21619	2.301	ng/ul	89
33) Hexachlorobutadiene	10.972	225	39292	5.779	ng/ul	97
34) Caprolactam	11.524	113	14814m	5.017	ng/ul	
35) 4-Chloro-3-methylphenol	11.918	107	47484	5.570	ng/ul#	82

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063215.D
Acq On : 7 Nov 2024 23:15
Operator : RC/JU
Sample : P4585-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 08 00:18:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4EE0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.288	142	101916	5.947 ng/ul	98
37) 1-Methylnaphthalene	12.511	142	106884	5.997 ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.664	216	81307	5.561 ng/ul	97
40) Hexachlorocyclopentadiene	12.646	237	5493	0.688 ng/ul#	85
41) 2,4,6-Trichlorophenol	12.911	196	48067	6.091 ng/ul#	91
42) 2,4,5-Trichlorophenol	12.981	196	53863	6.294 ng/ul	89
43) 1,1'-Biphenyl	13.304	154	160903	6.121 ng/ul	97
44) 2-Chloronaphthalene	13.345	162	118264	5.779 ng/ul	99
45) 2-Nitroaniline	13.551	65	40075	5.740 ng/ul	88
47) Dimethylphthalate	13.927	163	163439	5.247 ng/ul#	98
48) 2,6-Dinitrotoluene	14.051	165	35556	5.965 ng/ul	95
50) Acenaphthylene	14.197	152	185809	5.866 ng/ul	96
51) 3-Nitroaniline	14.380	138	28025	5.387 ng/ul#	90
52) Acenaphthene	14.538	153	140304	6.189 ng/ul	99
53) 2,4-Dinitrophenol	14.597	184	12284	3.126 ng/ul#	62
55) 4-Nitrophenol	14.697	109	27533	4.763 ng/ul	91
56) Dibenzofuran	14.873	168	214629	6.185 ng/ul	99
57) 2,4-Dinitrotoluene	14.844	165	52982	5.620 ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.108	232	50369	5.683 ng/ul#	94
59) Diethylphthalate	15.296	149	178308	5.584 ng/ul	95
61) Fluorene	15.525	166	178930	6.092 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.519	204	116924	6.195 ng/ul	97
63) 4-Nitroaniline	15.549	138	30423	5.778 ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.613	198	32749	5.022 ng/ul#	83
67) N-Nitrosodiphenylamine	15.737	169	151298	6.784 ng/ul	95
68) 4-Bromophenyl-phenylether	16.418	248	80495	7.043 ng/ul	98
69) Hexachlorobenzene	16.536	284	46809	3.844 ng/ul#	90
70) Atrazine	16.683	200	78869	6.464 ng/ul#	96
71) Pentachlorophenol	16.883	266	25491	4.176 ng/ul#	83
72) Phenanthrene	17.270	178	383474	8.395 ng/ul	97
74) Anthracene	17.358	178	310260	6.630 ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.275	216	75758	5.860 ng/ul	93
76) Pentachlorobenzene	14.797	250	77921	5.652 ng/ul	93
77) Carbazole	17.629	167	210991	5.431 ng/ul	96
78) Di-n-butylphthalate	18.193	149	305694	6.917 ng/ul	98
80) Fluoranthene	19.291	202	634082	11.332 ng/ul	99
82) Pyrene	19.656	202	397021	6.694 ng/ul	99
83) Butylbenzylphthalate	20.549	149	138391	7.984 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.383	252	104238	4.695 ng/ul	98
85) Benzo(a)anthracene	21.465	228	565108	8.653 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.383	149	202743	8.030 ng/ul	97
87) Chrysene	21.524	228	536900	8.818 ng/ul	99
89) Di-n-octyl phthalate	22.523	149	344589	7.945 ng/ul	100
90) Benzo(b)fluoranthene	23.557	252	612667	9.252 ng/ul#	99
91) Benzo(k)fluoranthene	23.622	252	491197	7.447 ng/ul#	98
93) Benzo(a)pyrene	24.374	252	197787	3.229 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.934	276	352512m	4.692 ng/ul	
95) Dibenzo(a,h)anthracene	27.987	278	433836	7.083 ng/ul	96
96) Benzo(g,h,i)perylene	28.998	276	35078m	0.616 ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
A4EE0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063215.D
Acq On : 7 Nov 2024 23:15
Operator : RC/JU
Sample : P4585-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 08 00:18:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4EE0MSD

Manual IntegrationsAPPROVED

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