Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063337.D
Acq On : 12 Nov 2024 23:06
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020530

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 12 23:21:22 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	101973	20.000	ng/ul	0.00
20) Naphthalene-d8	10.625	136	466785	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.468	164	408696	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	1002146	20.000	ng/ul	0.00
79) Chrysene-d12	21.477	240	1015511	20.000	ng/ul	# 0.00
88) Perylene-d12	24.509	264	1045232	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	16753	7.429	ng/uL	-0.01
4) Pyridine-d5	3.704	84	136343	18.292	ng/ul	0.00
7) Phenol-d5	7.006	99	183674	19.961	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	104671	19.393	ng/ul	0.00
11) 2-Chlorophenol-d4	7.370	132	127447	21.339	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	159919	20.505	ng/ul	0.00
21) Nitrobenzene-d5	8.986	128	69401	21.148	ng/ul	0.00
24) 2-Nitrophenol-d4	9.709	143	88763	20.928	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.249	165	177882	21.371	ng/ul	0.00
31) 4-Chloroaniline-d4	10.760	131	216755	19.993	ng/ul	0.00
46) Dimethylphthalate-d6	13.874	166	573320	17.909	ng/ul	0.00
49) Acenaphthylene-d8	14.162	160	650187	20.750	ng/ul	0.00
54) 4-Nitrophenol-d4	14.679	143	75376	17.197	ng/ul	0.00
60) Fluorene-d10	15.467	176	533947	19.762	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.590	200	115786	18.384	ng/ul	0.00
73) Anthracene-d10	17.323	188	886814	20.590	ng/ul	0.00
81) Pyrene-d10	19.621	212	1093306	21.473	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.298	264	1067306	21.149	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	18009m	6.487	ng/uL	
5) Pyridine	3.722	79	137561	18.088	ng/ul	97
6) Benzaldehyde	6.971	77	119929	23.582	ng/ul	96
8) Phenol	7.030	94	192326	19.180	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.259	93	130557	19.144	ng/ul	90
12) 2-Chlorophenol	7.400	128	133412	20.883	ng/ul	97
13) 2-Methylphenol	8.281	108	154076	21.036	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.352	45	189618	21.998	ng/ul	96
16) Acetophenone	8.651	105	243604	19.399	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.634	70	136913	18.692	ng/ul	95
18) 4-Methylphenol	8.604	108	172968	20.767	ng/ul	99
19) Hexachloroethane	8.910	117	53942	20.836	ng/ul	96
22) Nitrobenzene	9.027	77	203791	20.140	ng/ul	98
23) Isophorone	9.550	82	375630	17.589	ng/ul	99
25) 2-Nitrophenol	9.738	139	89488	21.344	ng/ul#	87
26) 2,4-Dimethylphenol	9.803	107	190510	20.831	ng/ul#	89
27) Bis(2-Chloroethoxy)met...	10.032	93	213529	20.741	ng/ul	98
29) 2,4-Dichlorophenol	10.273	162	172612	21.998	ng/ul#	93
30) Naphthalene	10.672	128	494803	20.717	ng/ul	98
32) 4-Chloroaniline	10.778	127	203217	19.585	ng/ul	94
33) Hexachlorobutadiene	10.960	225	152316	20.282	ng/ul	89
34) Caprolactam	11.530	113	53699m	16.465	ng/ul	
35) 4-Chloro-3-methylphenol	11.912	107	188412	20.011	ng/ul	93
36) 2-Methylnaphthalene	12.282	142	385305	20.354	ng/ul	94

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Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020530

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	388417	19.731	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.658	216	299682	20.801	ng/ul	98
40) Hexachlorocyclopentadiene	12.635	237	147795	18.787	ng/ul	99
41) 2,4,6-Trichlorophenol	12.899	196	167676	21.561	ng/ul	94
42) 2,4,5-Trichlorophenol	12.976	196	178734m	21.194	ng/ul	
43) 1,1'-Biphenyl	13.299	154	564492	21.790	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	439969	21.815	ng/ul	98
45) 2-Nitroaniline	13.545	65	141600	20.582	ng/ul	95
47) Dimethylphthalate	13.921	163	552932	18.013	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	116914	19.904	ng/ul	97
50) Acenaphthylene	14.192	152	663911	21.270	ng/ul	98
51) 3-Nitroaniline	14.374	138	108566	21.175	ng/ul	99
52) Acenaphthene	14.533	153	481672	21.561	ng/ul	99
53) 2,4-Dinitrophenol	14.591	184	63841	16.485	ng/ul	90
55) 4-Nitrophenol	14.697	109	93501	16.413	ng/ul	98
56) Dibenzofuran	14.873	168	700725	20.490	ng/ul	98
57) 2,4-Dinitrotoluene	14.838	165	175351	18.875	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.102	232	165129	18.907	ng/ul#	91
59) Diethylphthalate	15.290	149	560969	17.825	ng/ul	97
61) Fluorene	15.520	166	600510	20.748	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.514	204	362768	19.502	ng/ul	95
63) 4-Nitroaniline	15.543	138	115442	22.246	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.608	198	119567	18.293	ng/ul#	95
67) N-Nitrosodiphenylamine	15.731	169	490668	21.948	ng/ul	99
68) 4-Bromophenyl-phenylether	16.413	248	245861	21.460	ng/ul	93
69) Hexachlorobenzene	16.530	284	248344	20.348	ng/ul	97
70) Atrazine	16.683	200	236208	19.314	ng/ul	97
71) Pentachlorophenol	16.877	266	94696	15.477	ng/ul	92
72) Phenanthrene	17.265	178	967387	21.128	ng/ul	99
74) Anthracene	17.353	178	998256	21.282	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.269	216	309322	23.869	ng/ul	97
76) Pentachlorobenzene	14.791	250	312801	22.635	ng/ul	98
77) Carbazole	17.629	167	803633	20.636	ng/ul	95
78) Di-n-butylphthalate	18.187	149	924347	20.867	ng/ul	99
80) Fluoranthene	19.286	202	1212983	22.041	ng/ul#	98
82) Pyrene	19.650	202	1274018	21.840	ng/ul	98
83) Butylbenzylphthalate	20.543	149	394594	23.146	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.377	252	480042	21.984	ng/ul#	99
85) Benzo(a)anthracene	21.454	228	1361310	21.193	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.372	149	577266	23.246	ng/ul	99
87) Chrysene	21.518	228	1277479	21.331	ng/ul	98
89) Di-n-octyl phthalate	22.517	149	983374	23.874	ng/ul	100
90) Benzo(b)fluoranthene	23.551	252	1355704	21.557	ng/ul	98
91) Benzo(k)fluoranthene	23.610	252	1335396	21.319	ng/ul	99
93) Benzo(a)pyrene	24.368	252	1247606	21.447	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.929	276	1512987	21.204	ng/ul#	96
95) Dibenzo(a,h)anthracene	27.976	278	1234987	21.229	ng/ul#	97
96) Benzo(g,h,i)perylene	28.992	276	1146662	21.195	ng/ul	100

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

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Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 12 23:21:22 2024
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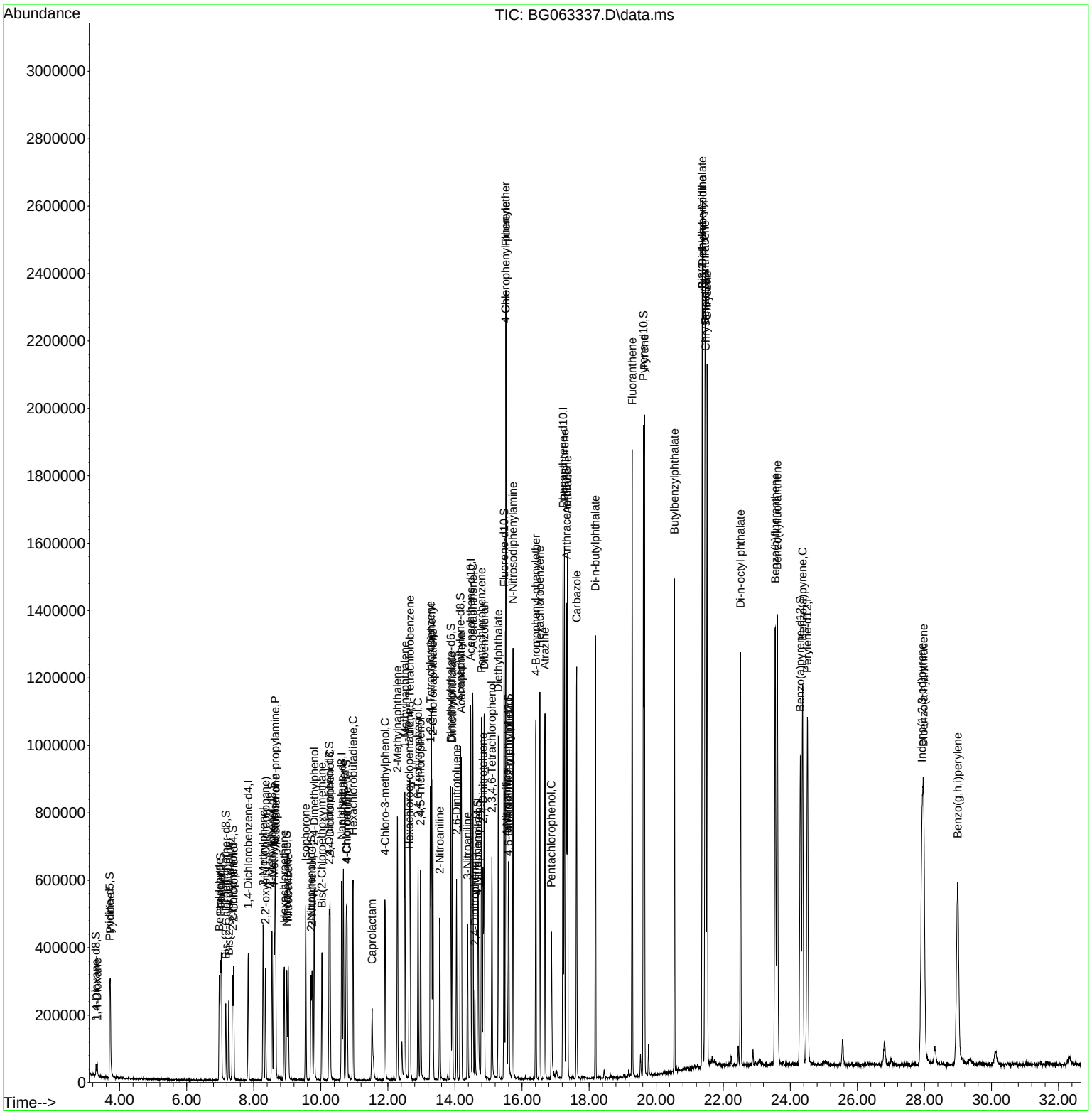
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020530

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063337.D
Acq On : 12 Nov 2024 23:06
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 12 23:19:38 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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Manual Integrations APPROVED

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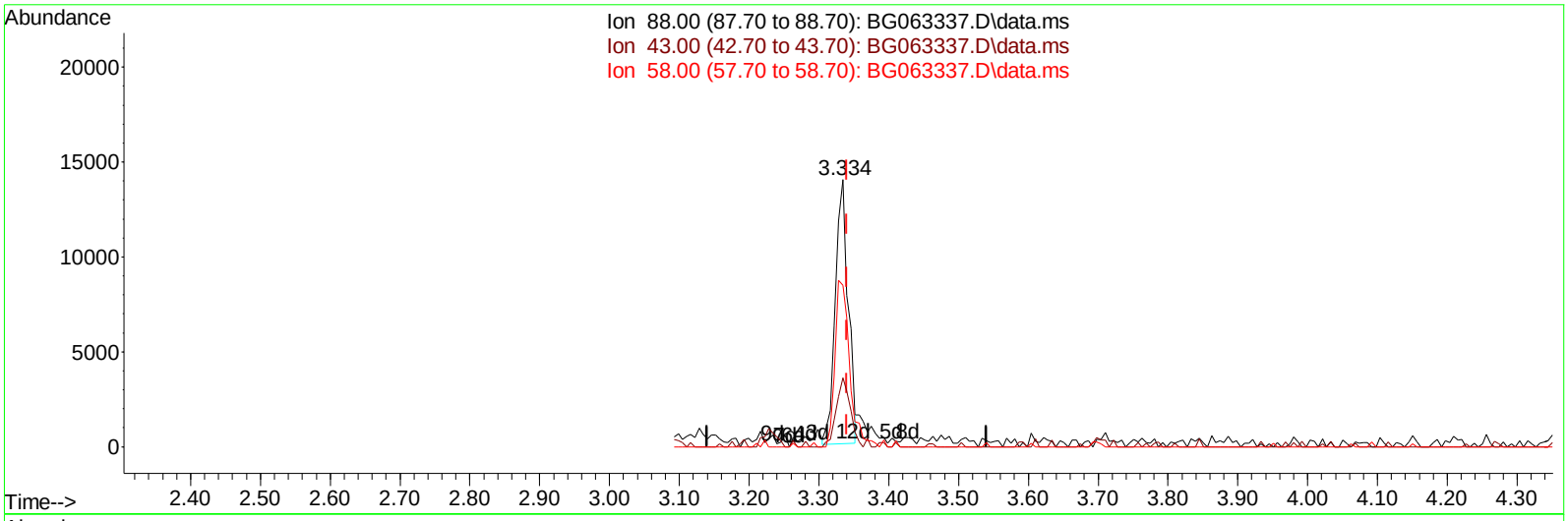
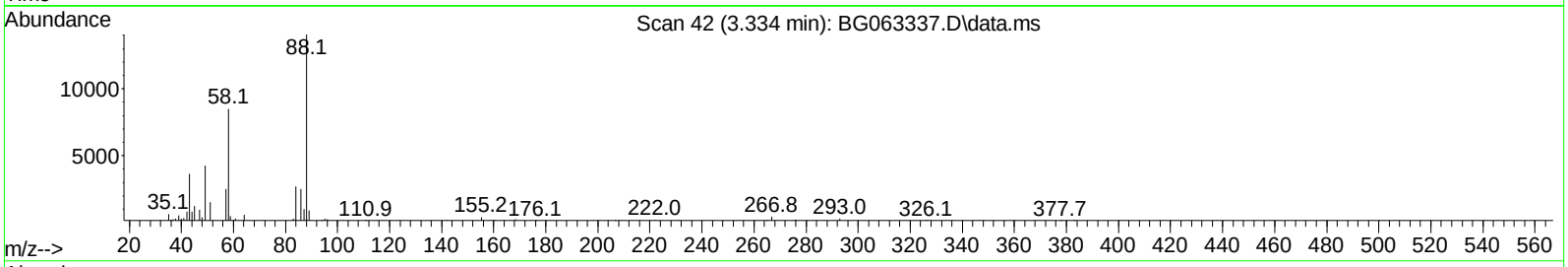
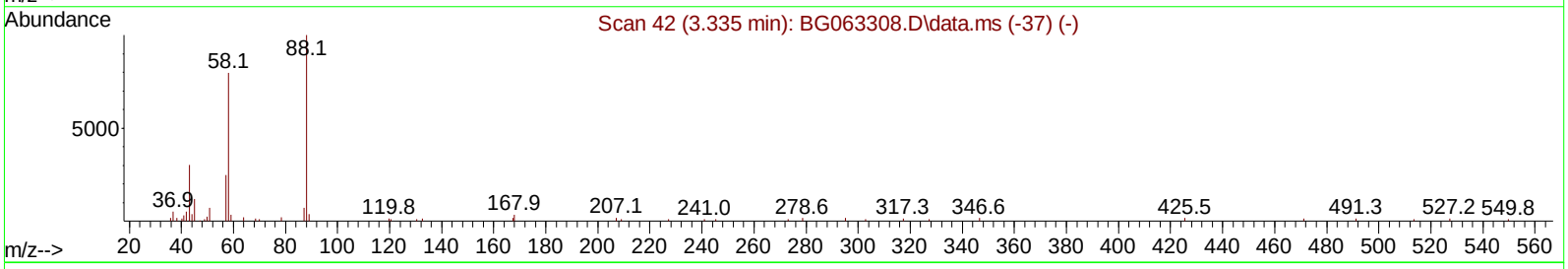
Supervised By :mohammad ahmed 11/14/2024







TIC: BG063337.D\data.ms

(2) 1,4-Dioxane

3.334min (-0.007) 6.32 ng/uL

response 17538

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	37.00	25.86#
58.00	58.10	60.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
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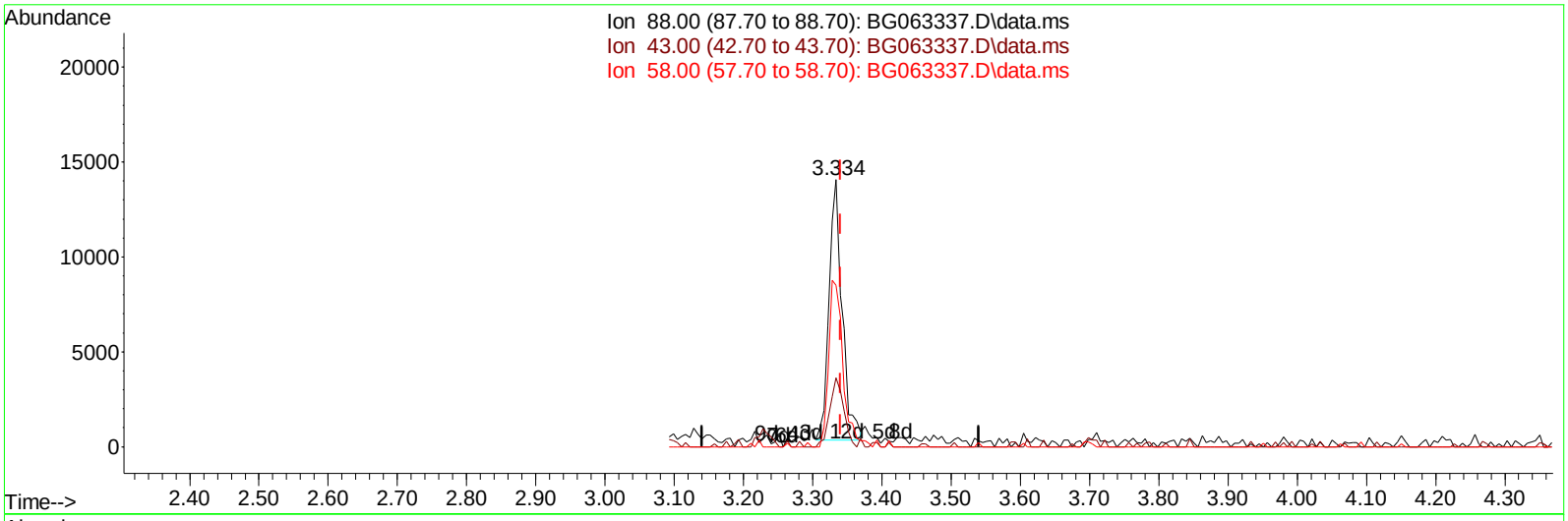

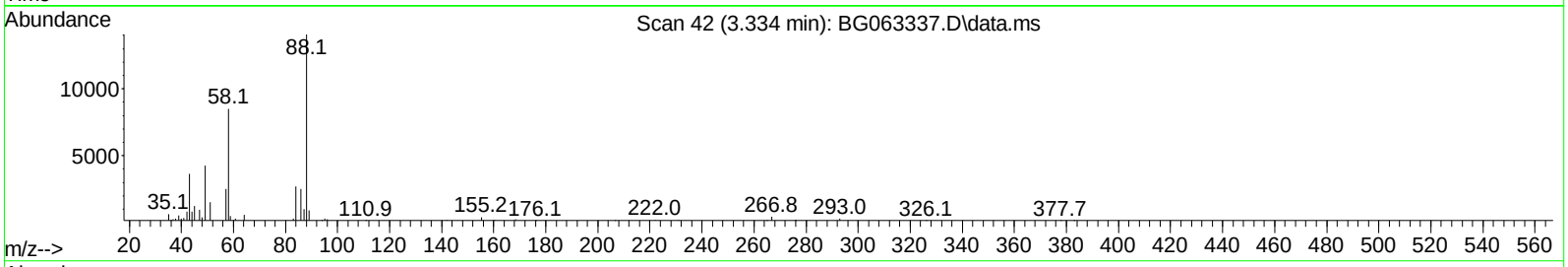

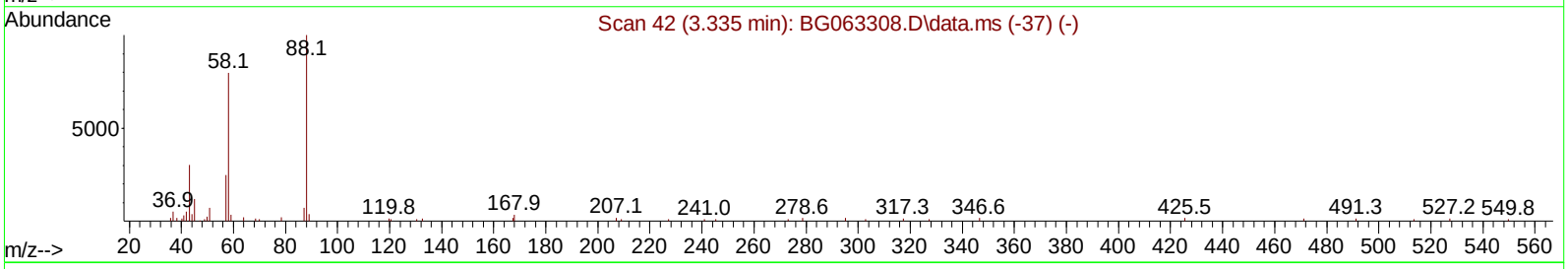

TIC: BG063337.D\data.ms

(2) 1,4-Dioxane

3.334min (-0.007) 6.49 ng/uL m

response 18009

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	37.00	25.86#
58.00	58.10	60.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063337.D
Acq On : 12 Nov 2024 23:06
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 12 23:20:19 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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ClientSampleId :
SSTD020530

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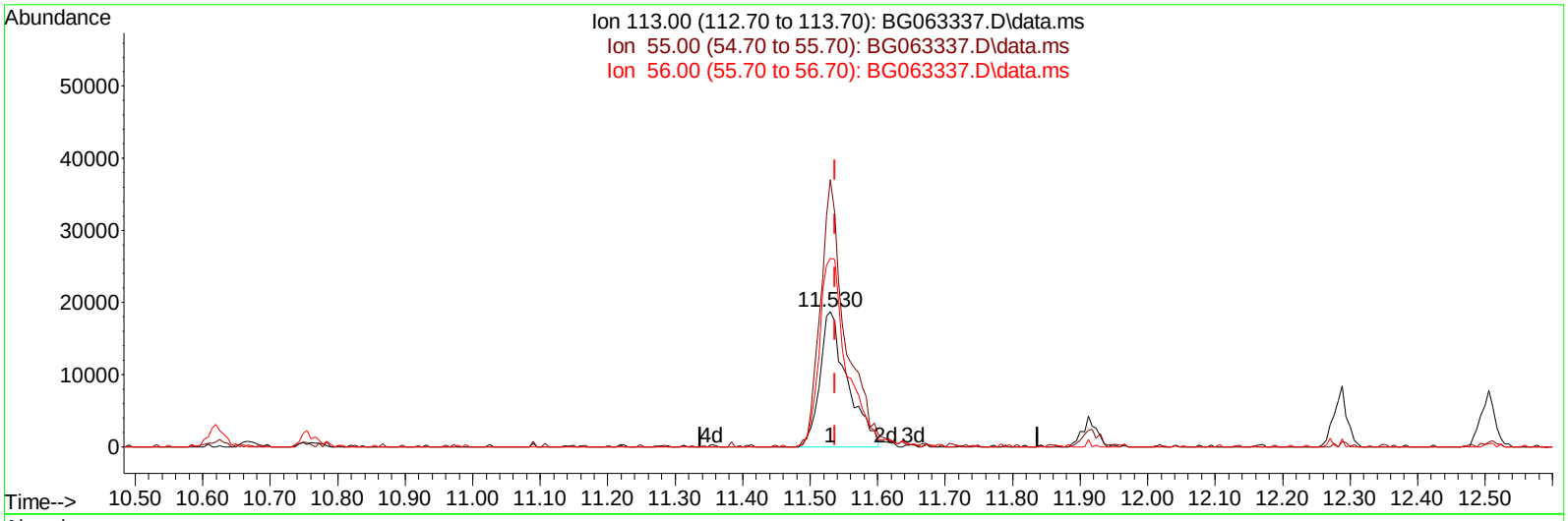

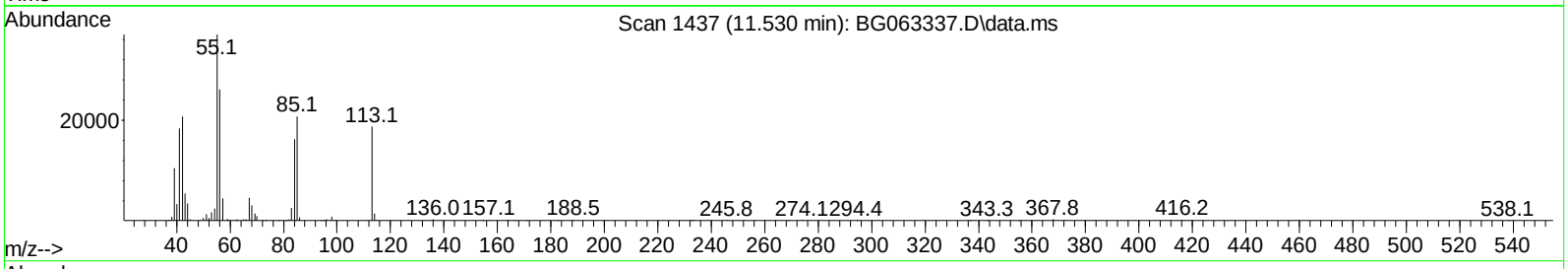

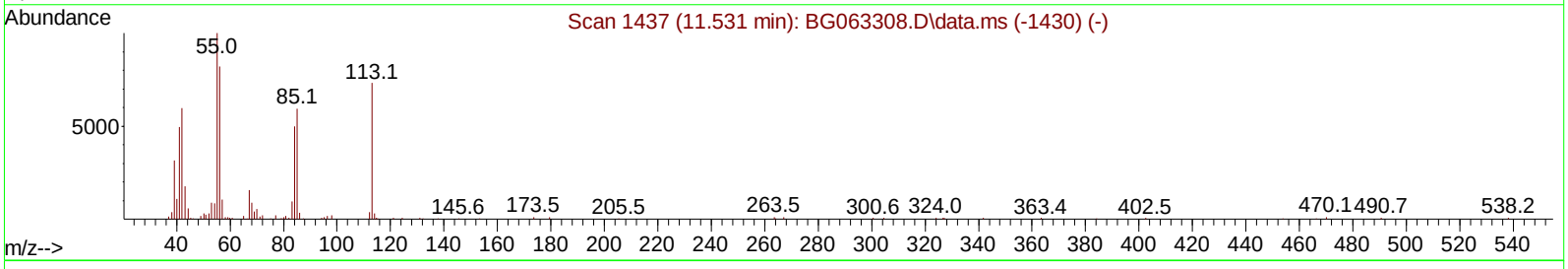

TIC: BG063337.D\data.ms

(34) Caprolactam

11.530min (-0.007) 16.20 ng/ul

response 52837

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	197.61#
56.00	105.40	139.34#
0.00	0.00	0.00

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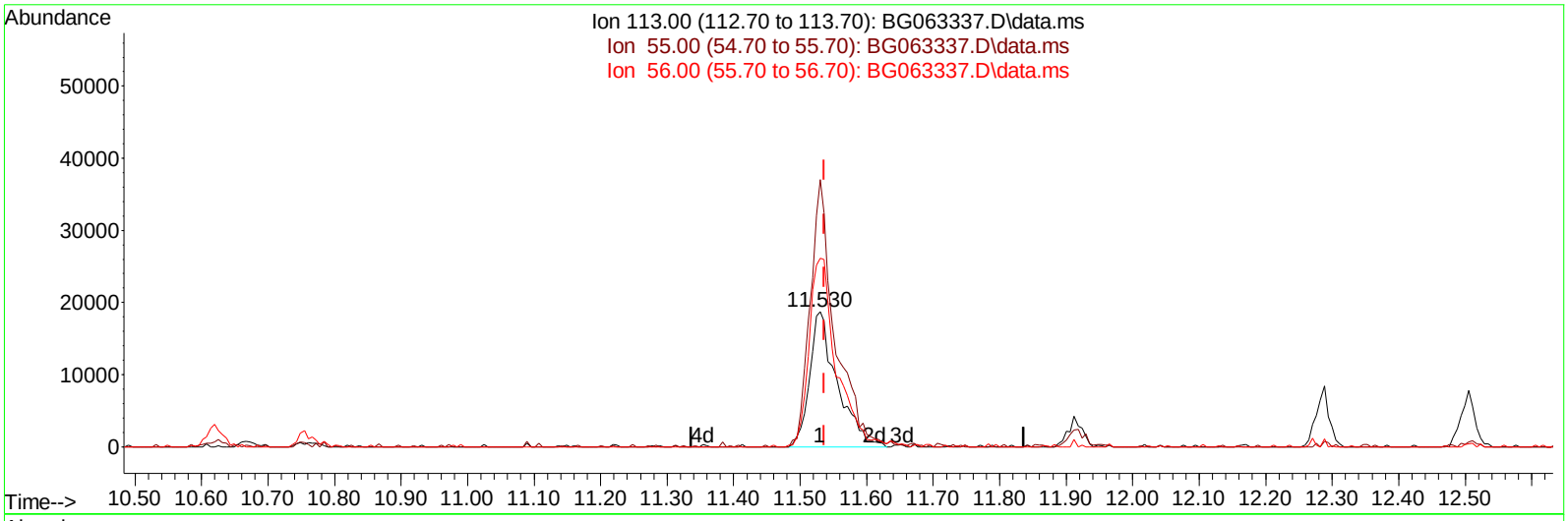

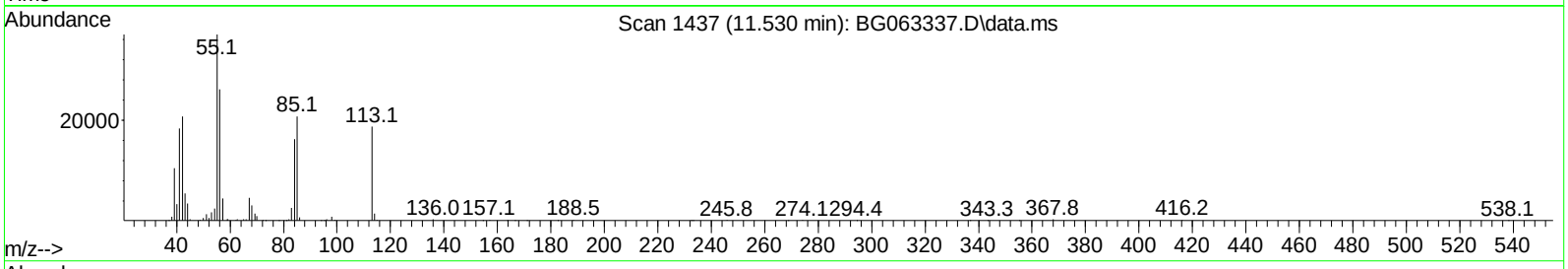

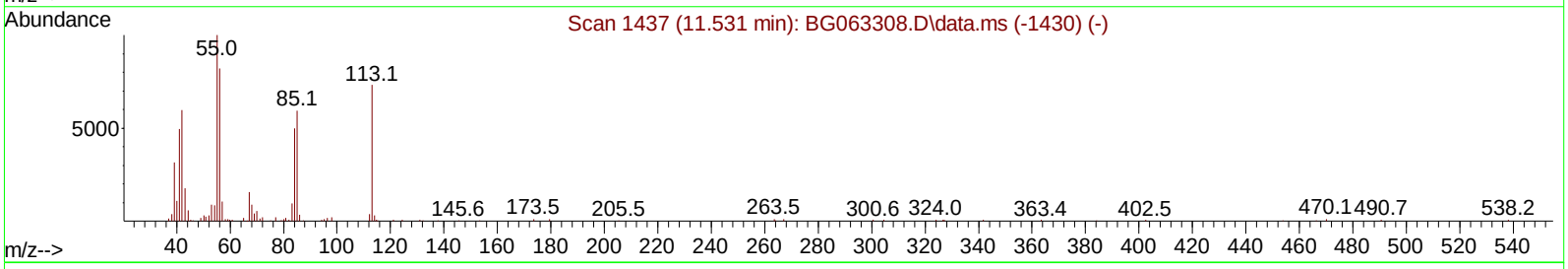

TIC: BG063337.D\data.ms

(34) Caprolactam

11.530min (-0.007) 16.47 ng/ul m

response 53699

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	197.61#
56.00	105.40	139.34#
0.00	0.00	0.00

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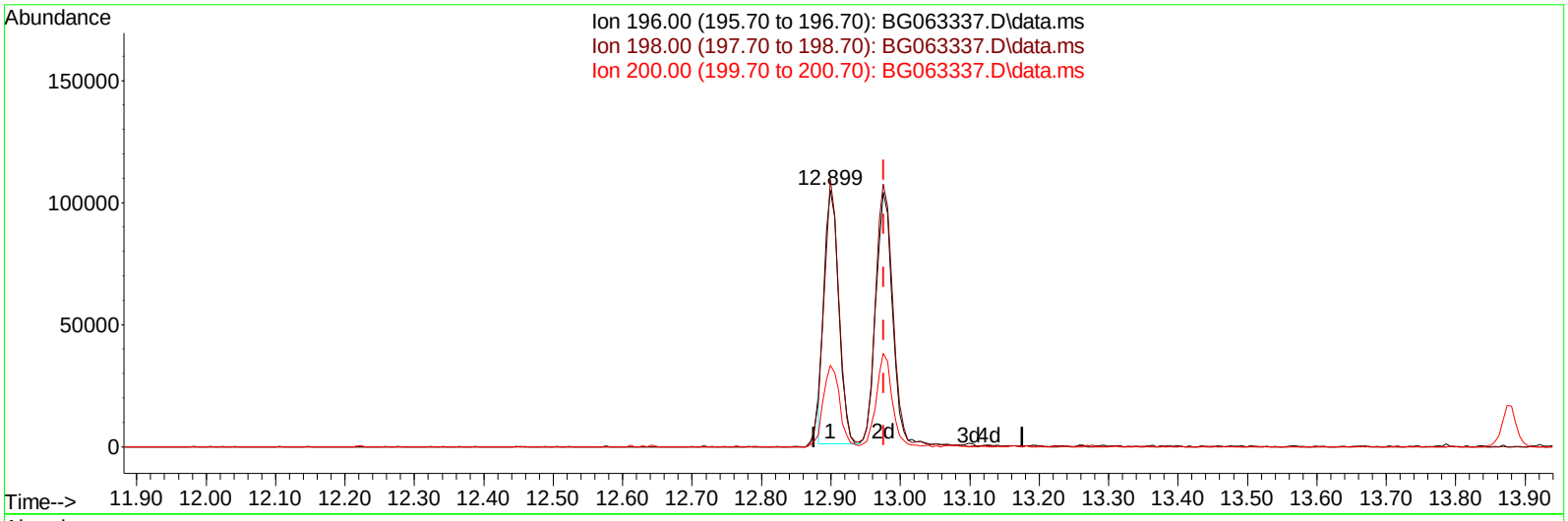

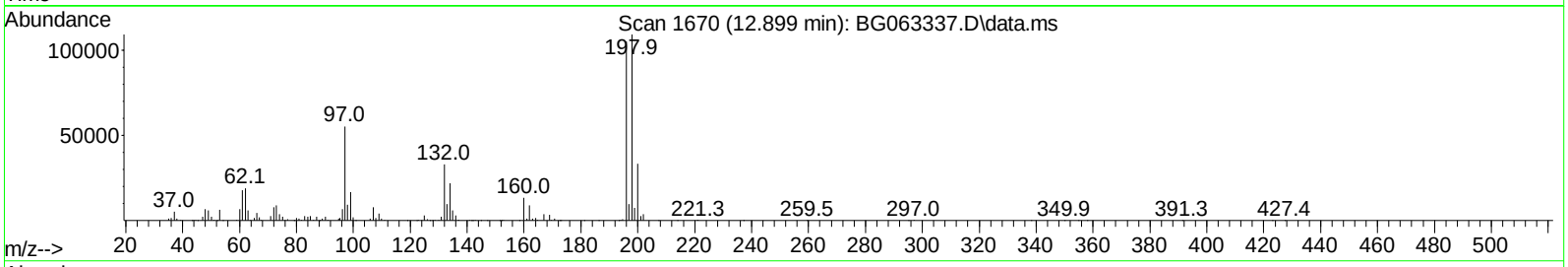

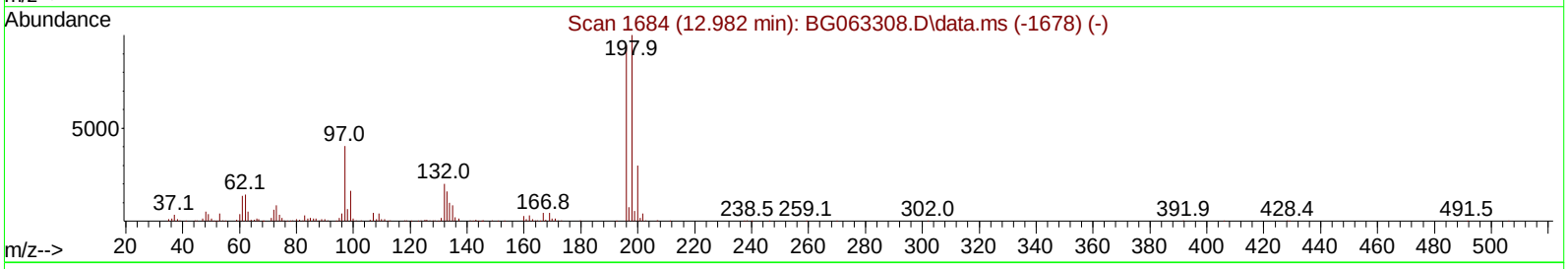

TIC: BG063337.D\data.ms

(42) 2,4,5-Trichlorophenol

12.899min (-0.077) 18.15 ng/ul

response 153076

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	92.50	103.97
200.00	28.60	31.71
0.00	0.00	0.00

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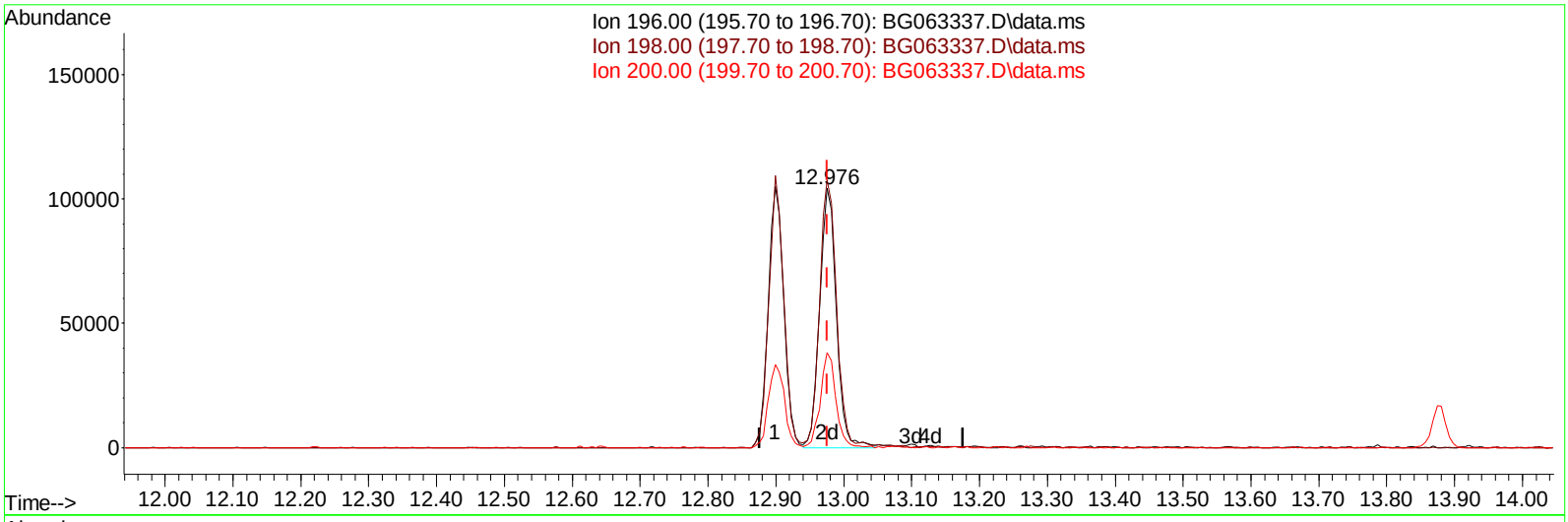
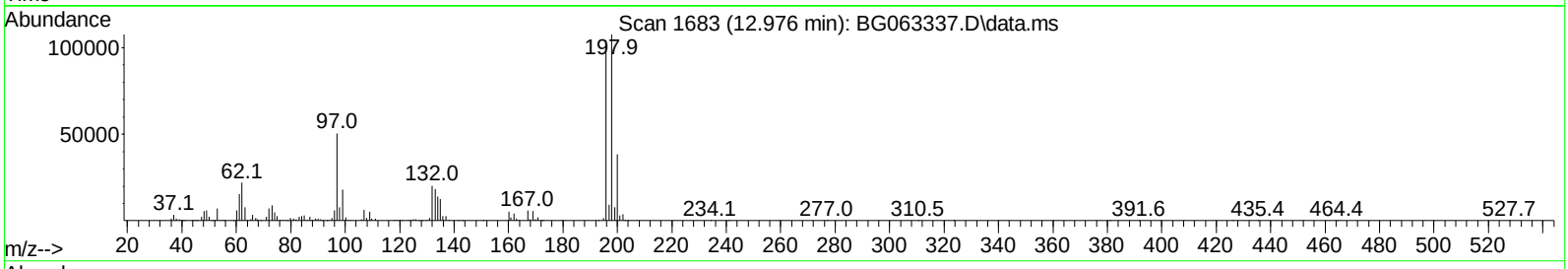
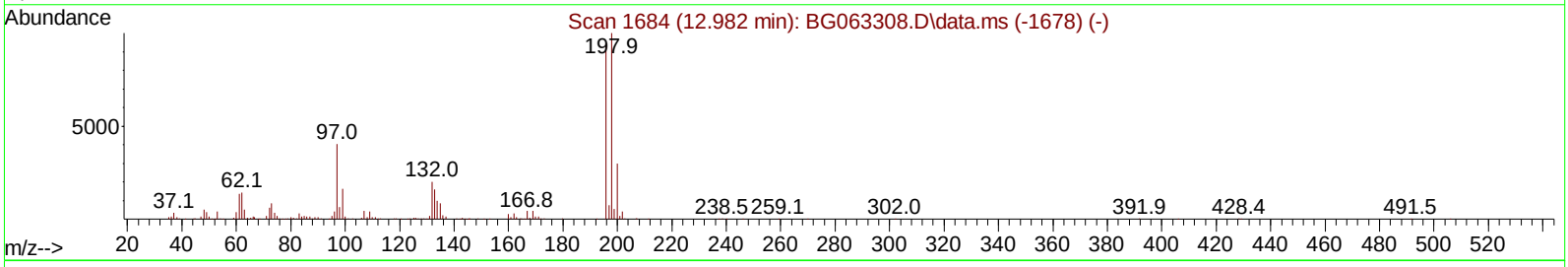
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024







TIC: BG063337.D\data.ms

(42) 2,4,5-Trichlorophenol

12.976min (-0.001) 21.19 ng/ul m

response 178734

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	92.50	103.19
200.00	28.60	36.73#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063337.D
Acq On : 12 Nov 2024 23:06
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 12 23:21:22 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 :
SSTD020530

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	101973	20.000	ng/ul	0.00
20) Naphthalene-d8	10.625	136	466785	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.468	164	408696	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	1002146	20.000	ng/ul	0.00
79) Chrysene-d12	21.477	240	1015511	20.000	ng/ul	# 0.00
88) Perylene-d12	24.509	264	1045232	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	16753	7.429	ng/uL	-0.01
4) Pyridine-d5	3.704	84	136343	18.292	ng/ul	0.00
7) Phenol-d5	7.006	99	183674	19.961	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	104671	19.393	ng/ul	0.00
11) 2-Chlorophenol-d4	7.370	132	127447	21.339	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	159919	20.505	ng/ul	0.00
21) Nitrobenzene-d5	8.986	128	69401	21.148	ng/ul	0.00
24) 2-Nitrophenol-d4	9.709	143	88763	20.928	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.249	165	177882	21.371	ng/ul	0.00
31) 4-Chloroaniline-d4	10.760	131	216755	19.993	ng/ul	0.00
46) Dimethylphthalate-d6	13.874	166	573320	17.909	ng/ul	0.00
49) Acenaphthylene-d8	14.162	160	650187	20.750	ng/ul	0.00
54) 4-Nitrophenol-d4	14.679	143	75376	17.197	ng/ul	0.00
60) Fluorene-d10	15.467	176	533947	19.762	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.590	200	115786	18.384	ng/ul	0.00
73) Anthracene-d10	17.323	188	886814	20.590	ng/ul	0.00
81) Pyrene-d10	19.621	212	1093306	21.473	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.298	264	1067306	21.149	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	18009m	6.487	ng/uL	
5) Pyridine	3.722	79	137561	18.088	ng/ul	97
6) Benzaldehyde	6.971	77	119929	23.582	ng/ul	96
8) Phenol	7.030	94	192326	19.180	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.259	93	130557	19.144	ng/ul	90
12) 2-Chlorophenol	7.400	128	133412	20.883	ng/ul	97
13) 2-Methylphenol	8.281	108	154076	21.036	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.352	45	189618	21.998	ng/ul	96
16) Acetophenone	8.651	105	243604	19.399	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.634	70	136913	18.692	ng/ul	95
18) 4-Methylphenol	8.604	108	172968	20.767	ng/ul	99
19) Hexachloroethane	8.910	117	53942	20.836	ng/ul	96
22) Nitrobenzene	9.027	77	203791	20.140	ng/ul	98
23) Isophorone	9.550	82	375630	17.589	ng/ul	99
25) 2-Nitrophenol	9.738	139	89488	21.344	ng/ul#	87
26) 2,4-Dimethylphenol	9.803	107	190510	20.831	ng/ul#	89
27) Bis(2-Chloroethoxy)met...	10.032	93	213529	20.741	ng/ul	98
29) 2,4-Dichlorophenol	10.273	162	172612	21.998	ng/ul#	93
30) Naphthalene	10.672	128	494803	20.717	ng/ul	98
32) 4-Chloroaniline	10.778	127	203217	19.585	ng/ul	94
33) Hexachlorobutadiene	10.960	225	152316	20.282	ng/ul	89
34) Caprolactam	11.530	113	53699m	16.465	ng/ul	
35) 4-Chloro-3-methylphenol	11.912	107	188412	20.011	ng/ul	93

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Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 12 23:21:22 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020530

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.282	142	385305	20.354	ng/ul	94
37) 1-Methylnaphthalene	12.506	142	388417	19.731	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.658	216	299682	20.801	ng/ul	98
40) Hexachlorocyclopentadiene	12.635	237	147795	18.787	ng/ul	99
41) 2,4,6-Trichlorophenol	12.899	196	167676	21.561	ng/ul	94
42) 2,4,5-Trichlorophenol	12.976	196	178734m	21.194	ng/ul	
43) 1,1'-Biphenyl	13.299	154	564492	21.790	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	439969	21.815	ng/ul	98
45) 2-Nitroaniline	13.545	65	141600	20.582	ng/ul	95
47) Dimethylphthalate	13.921	163	552932	18.013	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	116914	19.904	ng/ul	97
50) Acenaphthylene	14.192	152	663911	21.270	ng/ul	98
51) 3-Nitroaniline	14.374	138	108566	21.175	ng/ul	99
52) Acenaphthene	14.533	153	481672	21.561	ng/ul	99
53) 2,4-Dinitrophenol	14.591	184	63841	16.485	ng/ul	90
55) 4-Nitrophenol	14.697	109	93501	16.413	ng/ul	98
56) Dibenzofuran	14.873	168	700725	20.490	ng/ul	98
57) 2,4-Dinitrotoluene	14.838	165	175351	18.875	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.102	232	165129	18.907	ng/ul#	91
59) Diethylphthalate	15.290	149	560969	17.825	ng/ul	97
61) Fluorene	15.520	166	600510	20.748	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.514	204	362768	19.502	ng/ul	95
63) 4-Nitroaniline	15.543	138	115442	22.246	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.608	198	119567	18.293	ng/ul#	95
67) N-Nitrosodiphenylamine	15.731	169	490668	21.948	ng/ul	99
68) 4-Bromophenyl-phenylether	16.413	248	245861	21.460	ng/ul	93
69) Hexachlorobenzene	16.530	284	248344	20.348	ng/ul	97
70) Atrazine	16.683	200	236208	19.314	ng/ul	97
71) Pentachlorophenol	16.877	266	94696	15.477	ng/ul	92
72) Phenanthrene	17.265	178	967387	21.128	ng/ul	99
74) Anthracene	17.353	178	998256	21.282	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.269	216	309322	23.869	ng/ul	97
76) Pentachlorobenzene	14.791	250	312801	22.635	ng/ul	98
77) Carbazole	17.629	167	803633	20.636	ng/ul	95
78) Di-n-butylphthalate	18.187	149	924347	20.867	ng/ul	99
80) Fluoranthene	19.286	202	1212983	22.041	ng/ul#	98
82) Pyrene	19.650	202	1274018	21.840	ng/ul	98
83) Butylbenzylphthalate	20.543	149	394594	23.146	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.377	252	480042	21.984	ng/ul#	99
85) Benzo(a)anthracene	21.454	228	1361310	21.193	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.372	149	577266	23.246	ng/ul	99
87) Chrysene	21.518	228	1277479	21.331	ng/ul	98
89) Di-n-octyl phthalate	22.517	149	983374	23.874	ng/ul	100
90) Benzo(b)fluoranthene	23.551	252	1355704	21.557	ng/ul	98
91) Benzo(k)fluoranthene	23.610	252	1335396	21.319	ng/ul	99
93) Benzo(a)pyrene	24.368	252	1247606	21.447	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.929	276	1512987	21.204	ng/ul#	96
95) Dibenzo(a,h)anthracene	27.976	278	1234987	21.229	ng/ul#	97
96) Benzo(g,h,i)perylene	28.992	276	1146662	21.195	ng/ul	100

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

Instrument :
BNA_G
ClientSampleId :
SSTD020530

Manual Integrations
APPROVED

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