Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042423\
Data File : BM039608.D
Acq On : 24 Apr 2023 09:48
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 25 00:15:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Apr 23 00:18:16 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020121

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	202091	20.000	ng/ul	0.00
20) Naphthalene-d8	10.619	136	801617	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.471	164	441735	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	865928	20.000	ng/ul	0.00
79) Chrysene-d12	21.418	240	767301	20.000	ng/ul	0.00
88) Perylene-d12	23.783	264	855008	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	50437	9.580	ng/uL	0.00
4) Pyridine-d5	3.637	84	307297	20.772	ng/ul	0.00
7) Phenol-d5	6.995	99	350155	18.931	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	243670	19.931	ng/ul	0.00
11) 2-Chlorophenol-d4	7.348	132	292693	20.173	ng/ul	0.00
15) 4-Methylphenol-d8	8.542	113	258688	17.362	ng/ul	0.00
21) Nitrobenzene-d5	8.983	128	134136	20.799	ng/ul	0.00
24) 2-Nitrophenol-d4	9.707	143	142575	19.688	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.254	165	247225	19.841	ng/ul	0.00
31) 4-Chloroaniline-d4	10.772	131	329340	17.697	ng/ul	0.00
46) Dimethylphthalate-d6	13.883	166	693604	19.469	ng/ul	0.00
49) Acenaphthylene-d8	14.160	160	833410	20.824	ng/ul	0.00
54) 4-Nitrophenol-d4	14.724	143	59943	11.118	ng/ul	0.00
60) Fluorene-d10	15.465	176	585783	20.070	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.607	200	100883	17.532	ng/ul	0.00
73) Anthracene-d10	17.324	188	856674	20.571	ng/ul	0.00
81) Pyrene-d10	19.624	212	960481	18.838	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.630	264	938356	20.328	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.249	88	54443	9.449	ng/uL	98
5) Pyridine	3.654	79	334920	21.471	ng/ul	98
6) Benzaldehyde	6.954	77	187767	23.761	ng/ul	97
8) Phenol	7.025	94	370957	19.263	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.242	93	308203	19.195	ng/ul	100
12) 2-Chlorophenol	7.378	128	296016	20.275	ng/ul	96
13) 2-Methylphenol	8.272	108	269427	18.012	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.348	45	440544m	19.755	ng/ul	
16) Acetophenone	8.642	105	447865	18.300	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.625	70	238488	17.607	ng/ul	95
18) 4-Methylphenol	8.607	108	286936	17.768	ng/ul	99
19) Hexachloroethane	8.884	117	135684	20.462	ng/ul	98
22) Nitrobenzene	9.025	77	348201	21.867	ng/ul	95
23) Isophorone	9.548	82	647853	19.079	ng/ul	100
25) 2-Nitrophenol	9.736	139	156757	20.746	ng/ul	92
26) 2,4-Dimethylphenol	9.807	107	317287	20.549	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.036	93	395061	19.786	ng/ul	100
29) 2,4-Dichlorophenol	10.283	162	250309	20.393	ng/ul	100
30) Naphthalene	10.666	128	928423	20.933	ng/ul	99
32) 4-Chloroaniline	10.795	127	334037	18.216	ng/ul	100
33) Hexachlorobutadiene	10.942	225	171399	21.192	ng/ul	94
34) Caprolactam	11.583	113	71301	15.599	ng/ul	90
35) 4-Chloro-3-methylphenol	11.936	107	259223	18.088	ng/ul	99
36) 2-Methylnaphthalene	12.283	142	565101	19.006	ng/ul	100

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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.507	142	574056	19.213	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.654	216	292364	22.050	ng/ul	99
40) Hexachlorocyclopentadiene	12.624	237	138652	17.551	ng/ul	98
41) 2,4,6-Trichlorophenol	12.907	196	182447	20.597	ng/ul	98
42) 2,4,5-Trichlorophenol	12.995	196	183432	19.924	ng/ul	97
43) 1,1'-Biphenyl	13.301	154	739971	21.676	ng/ul	100
44) 2-Chloronaphthalene	13.342	162	574506	21.453	ng/ul	99
45) 2-Nitroaniline	13.566	65	158461	20.505	ng/ul	92
47) Dimethylphthalate	13.930	163	690659	19.581	ng/ul	100
48) 2,6-Dinitrotoluene	14.060	165	133440	18.706	ng/ul	98
50) Acenaphthylene	14.189	152	904654	21.131	ng/ul	100
51) 3-Nitroaniline	14.401	138	105910	15.840	ng/ul	97
52) Acenaphthene	14.530	153	620702	21.058	ng/ul	100
53) 2,4-Dinitrophenol	14.618	184	62287m	16.403	ng/ul	
55) 4-Nitrophenol	14.742	109	41190	10.058	ng/ul	89
56) Dibenzofuran	14.871	168	830486	20.729	ng/ul	100
57) 2,4-Dinitrotoluene	14.854	165	189449	19.113	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.107	232	157258	19.083	ng/ul	97
59) Diethylphthalate	15.295	149	692318	18.934	ng/ul	100
61) Fluorene	15.518	166	686523	20.715	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.512	204	331881	20.204	ng/ul	98
63) 4-Nitroaniline	15.565	138	89266m	17.409	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.618	198	102178	18.469	ng/ul#	89
67) N-Nitrosodiphenylamine	15.736	169	550896	21.353	ng/ul	100
68) 4-Bromophenyl-phenylether	16.412	248	192218	20.552	ng/ul	99
69) Hexachlorobenzene	16.524	284	220825	20.553	ng/ul	97
70) Atrazine	16.689	200	188852	19.727	ng/ul	99
71) Pentachlorophenol	16.889	266	112326	17.884	ng/ul	96
72) Phenanthrene	17.265	178	1007175	20.950	ng/ul	99
74) Anthracene	17.359	178	1023434	21.221	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.266	216	300964	23.337	ng/uL	99
76) Pentachlorobenzene	14.789	250	283187	22.309	ng/uL	99
77) Carbazole	17.642	167	874623	20.408	ng/ul	99
78) Di-n-butylphthalate	18.195	149	1142869	18.854	ng/ul	99
80) Fluoranthene	19.289	202	1125451	18.832	ng/ul	99
82) Pyrene	19.653	202	1191231	19.255	ng/ul	98
83) Butylbenzylphthalate	20.553	149	506583	17.347	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.347	252	349943	20.566	ng/ul	98
85) Benzo(a)anthracene	21.406	228	1101151	19.841	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.330	149	770048	17.731	ng/ul	100
87) Chrysene	21.459	228	1089286	20.577	ng/ul	99
89) Di-n-octyl phthalate	22.241	149	1334867	15.539	ng/ul	100
90) Benzo(b)fluoranthene	23.065	252	1139921	18.948	ng/ul	99
91) Benzo(k)fluoranthene	23.112	252	1143200	19.349	ng/ul	99
93) Benzo(a)pyrene	23.677	252	1023524	20.184	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.229	276	1361946	24.417	ng/ul	99
95) Dibenzo(a,h)anthracene	26.241	278	1123227	24.288	ng/ul	99
96) Benzo(g,h,i)perylene	26.982	276	1100206	24.761	ng/ul	99

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

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Manual Integrations APPROVED

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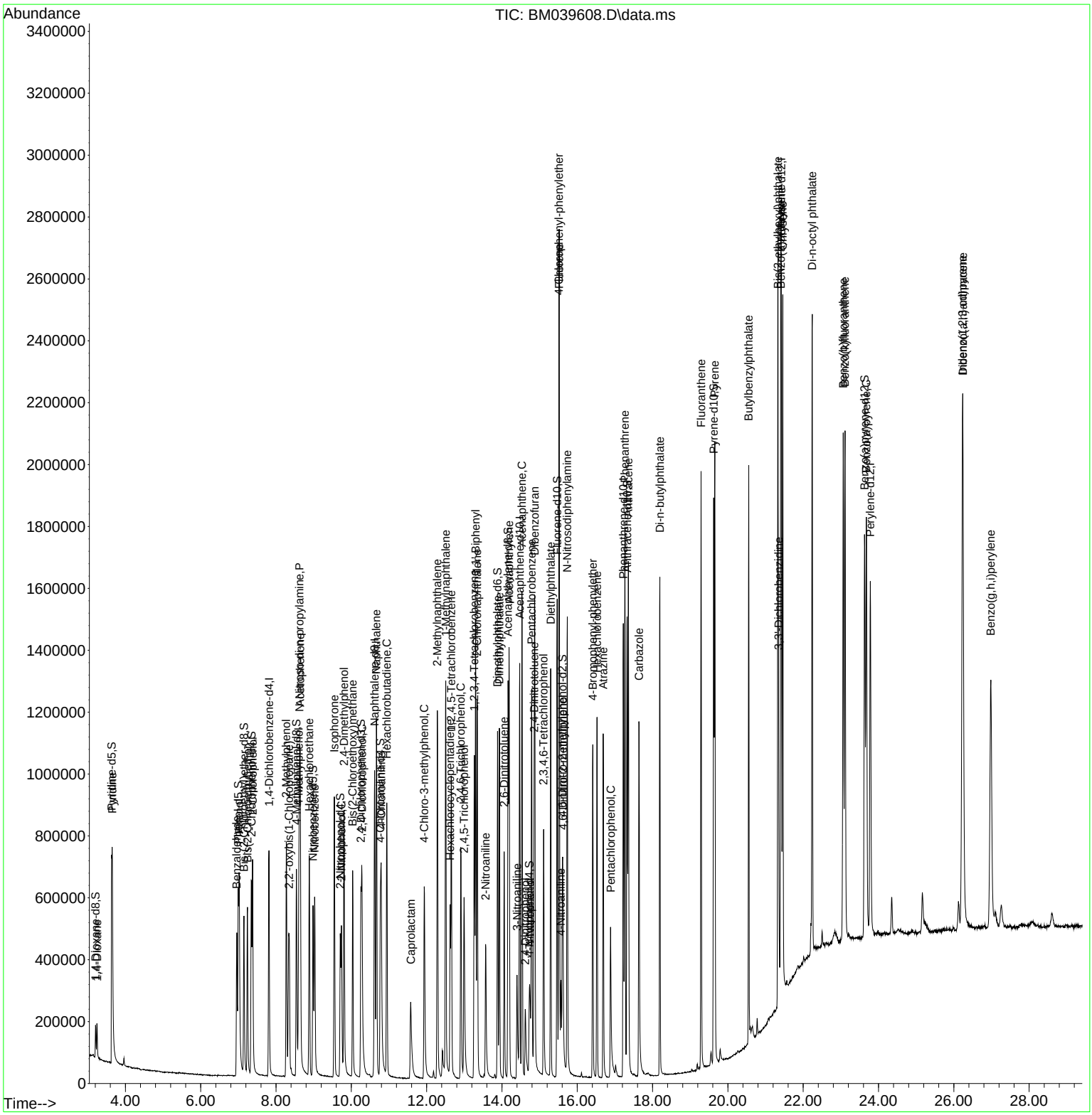

Quantitation Report (Qedit)

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Operator : CG/JU
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Quant Time: Apr 25 00:11:36 2023
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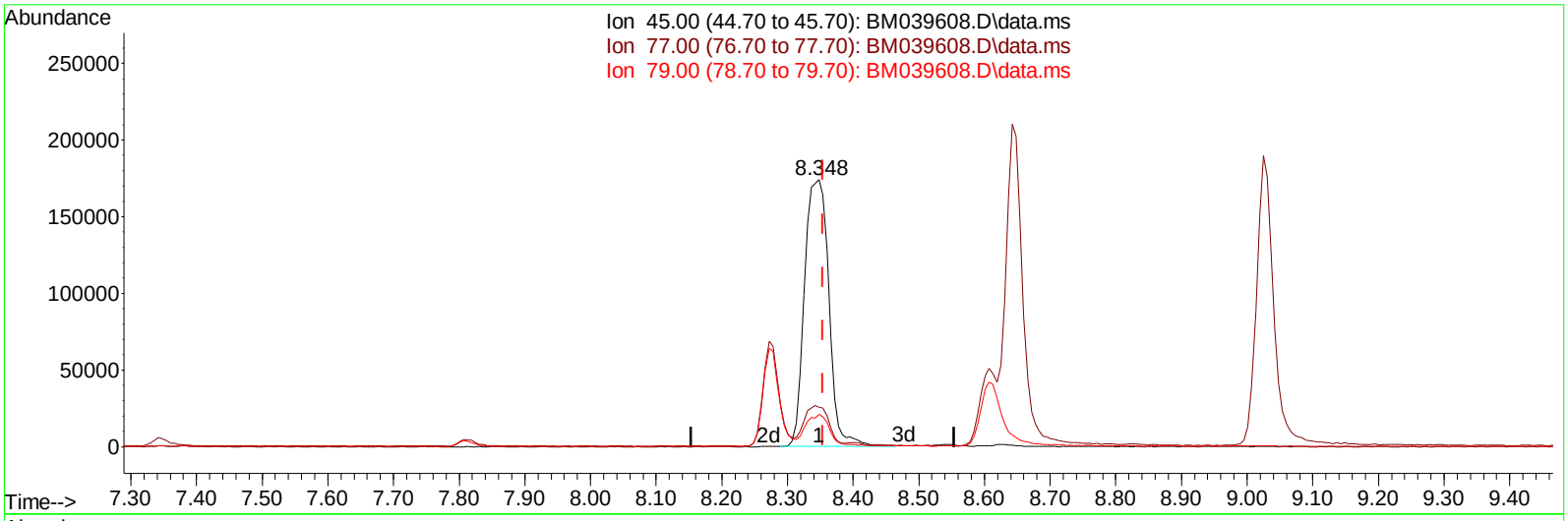

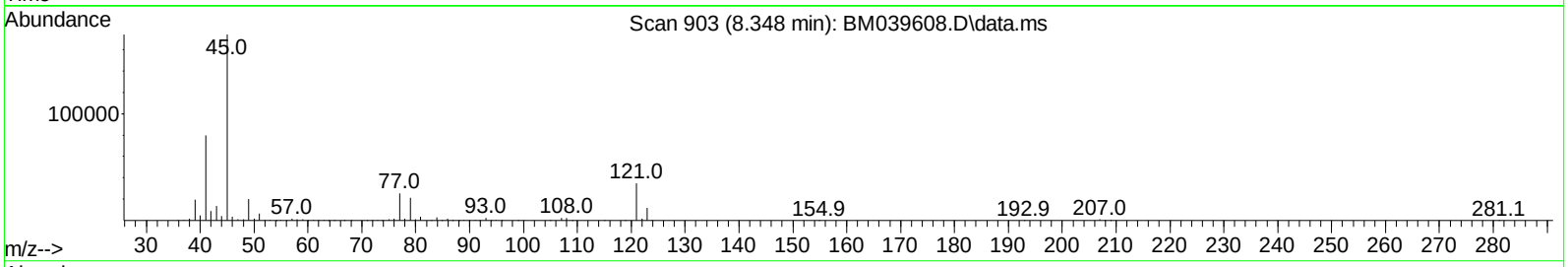

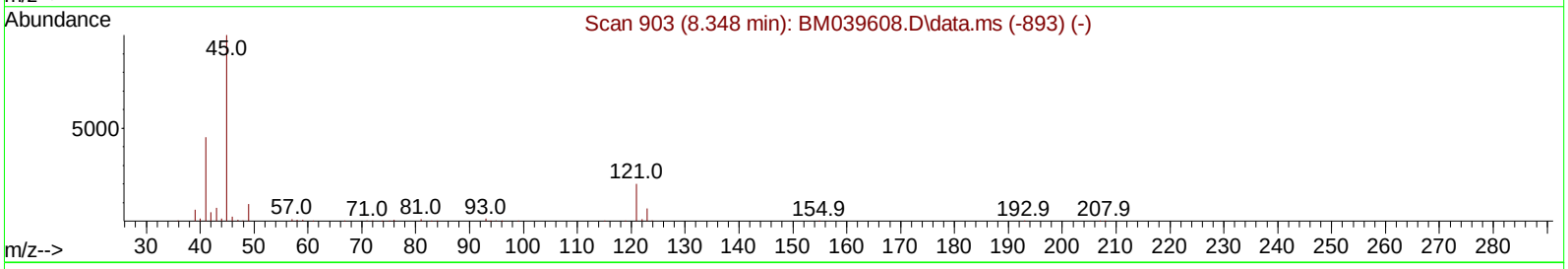

TIC: BM039608.D\data.ms

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

8.348min (-0.006) 20.12 ng/ul

response 448737

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.40	14.69
79.00	12.20	12.24
0.00	0.00	0.00

Quantitation Report (Qedit)

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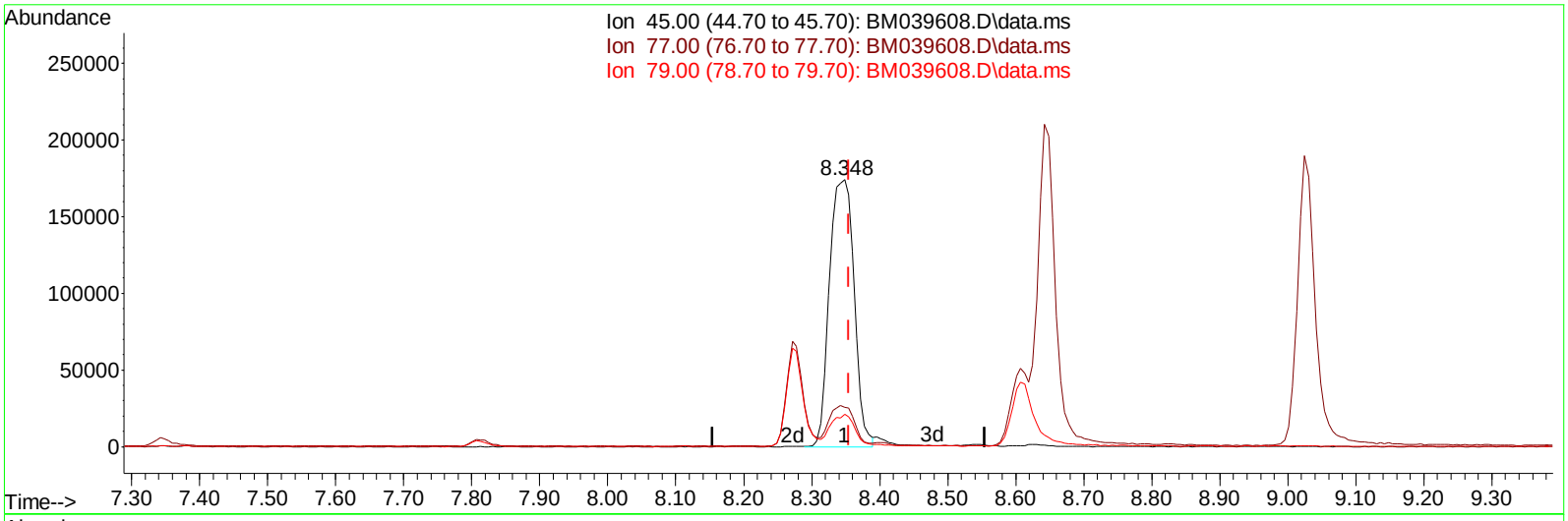

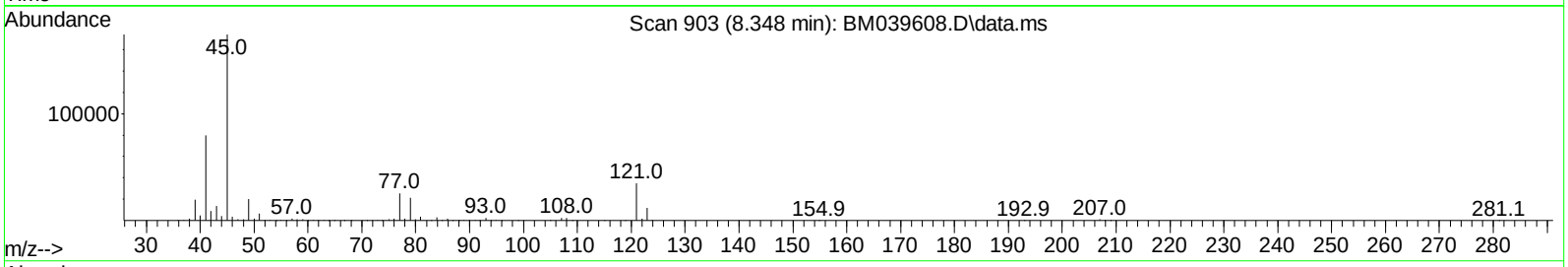

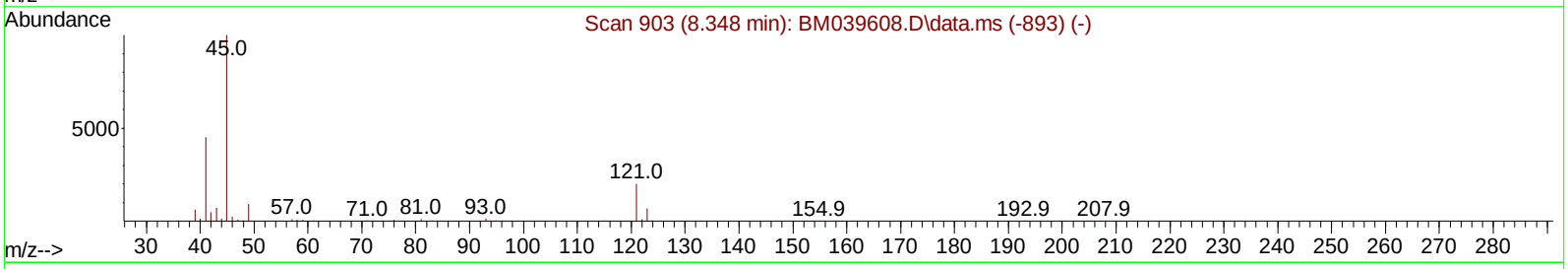

TIC: BM039608.D\data.ms

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

8.348min (-0.006) 19.75 ng/ul m

response 440544

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.40	14.69
79.00	12.20	12.24
0.00	0.00	0.00

Quantitation Report (Qedit)

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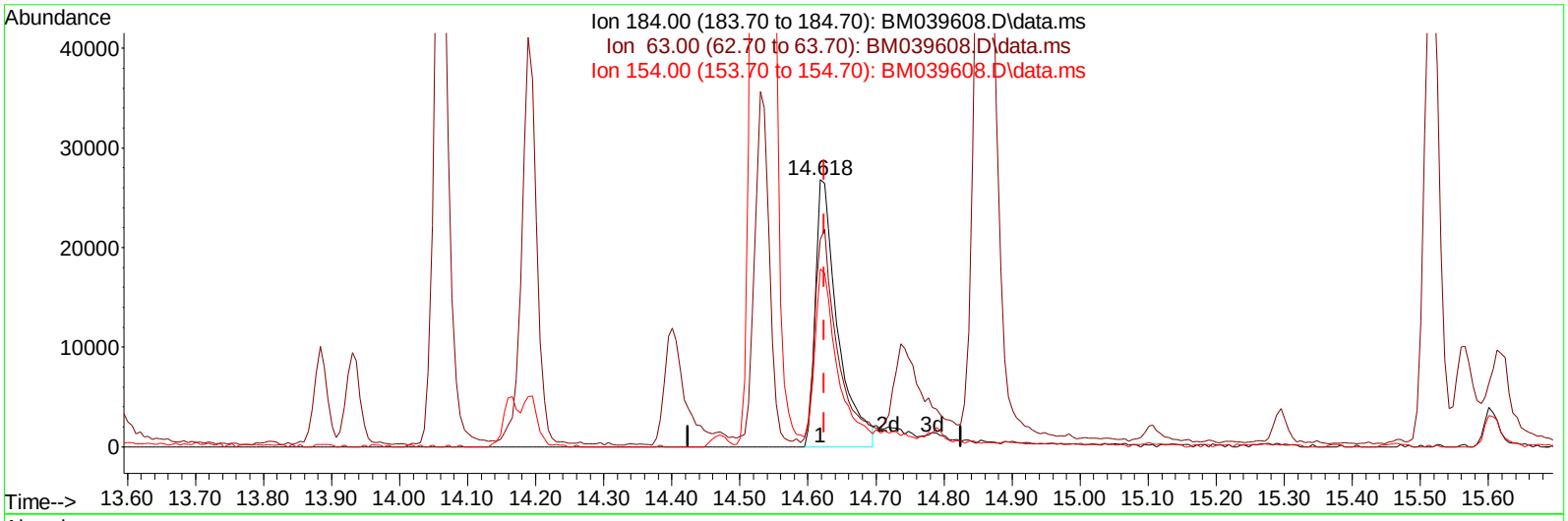

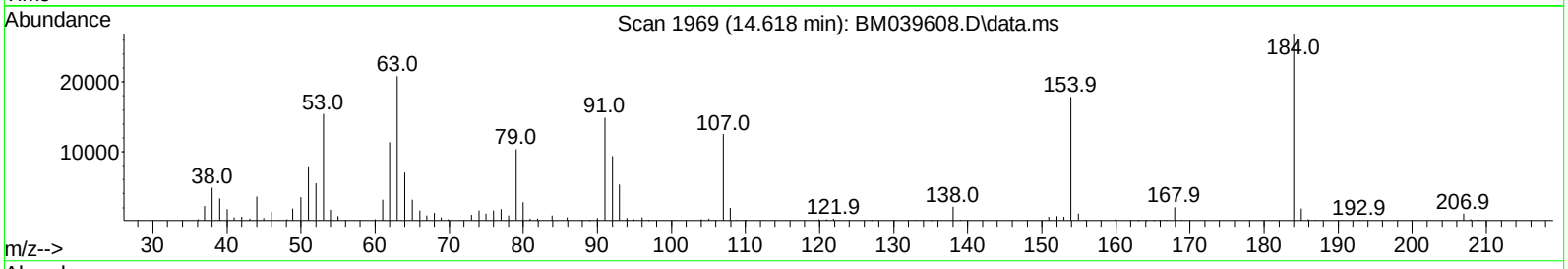

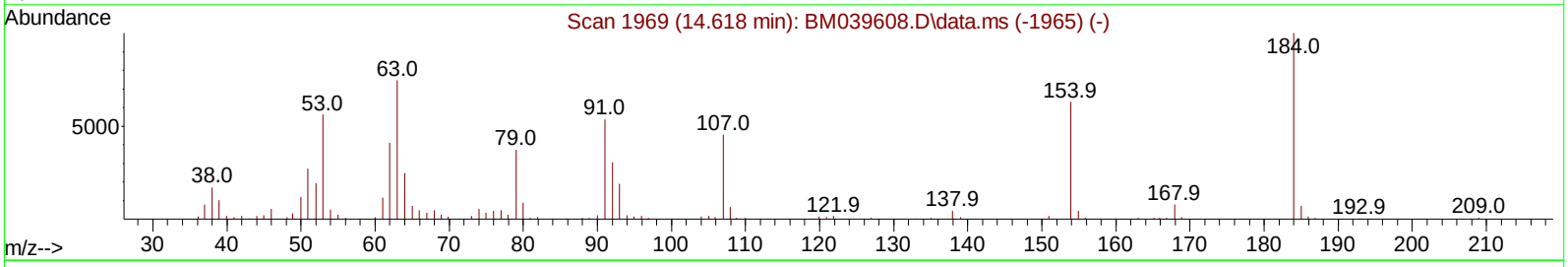

TIC: BM039608.D\data.ms

(53) 2,4-Dinitrophenol

14.618min (-0.006) 16.04 ng/ul

response 60917

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	75.00	77.75
154.00	64.70	66.68
0.00	0.00	0.00

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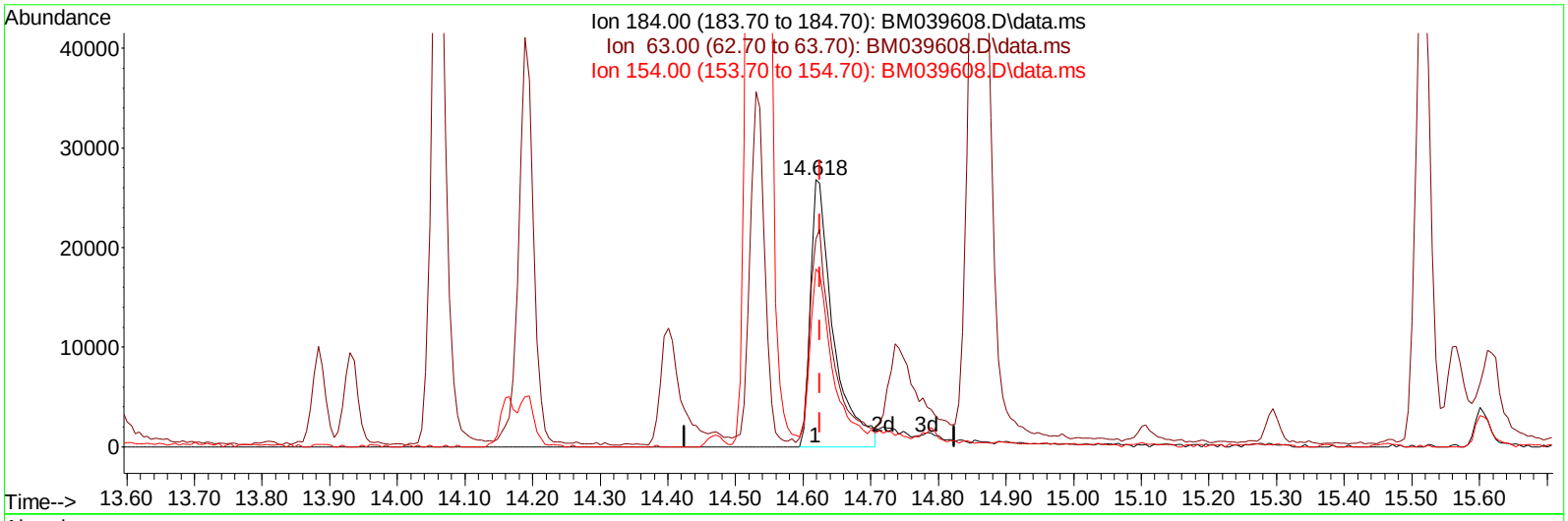

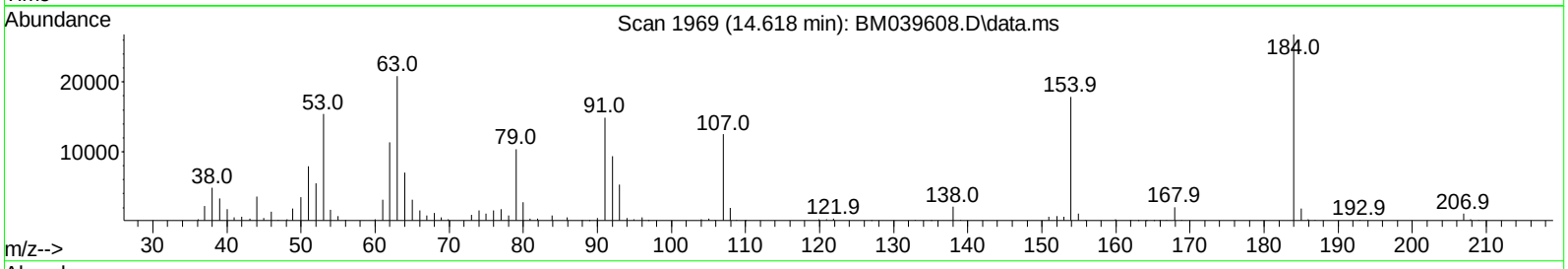

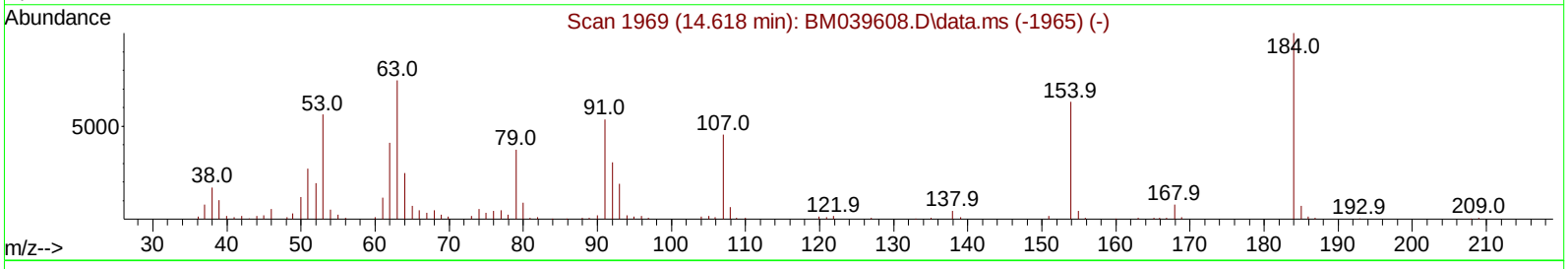

TIC: BM039608.D\data.ms

(53) 2,4-Dinitrophenol

14.618min (-0.006) 16.40 ng/ul m

response 62287

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	75.00	77.75
154.00	64.70	66.68
0.00	0.00	0.00

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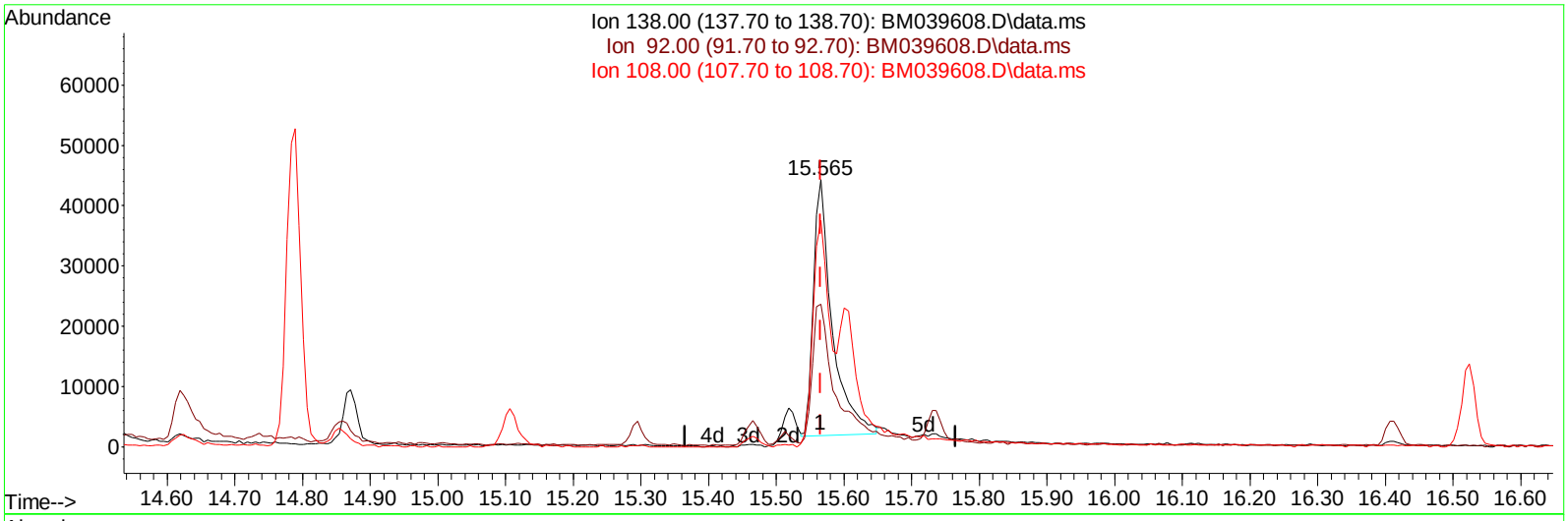

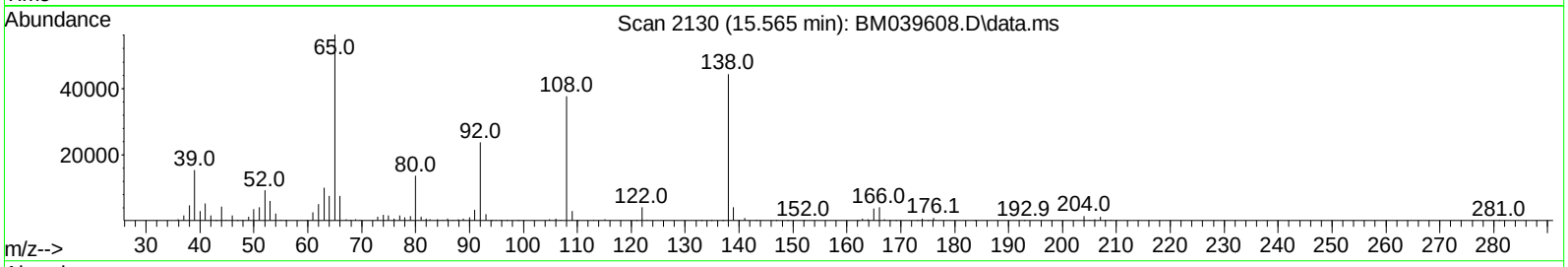

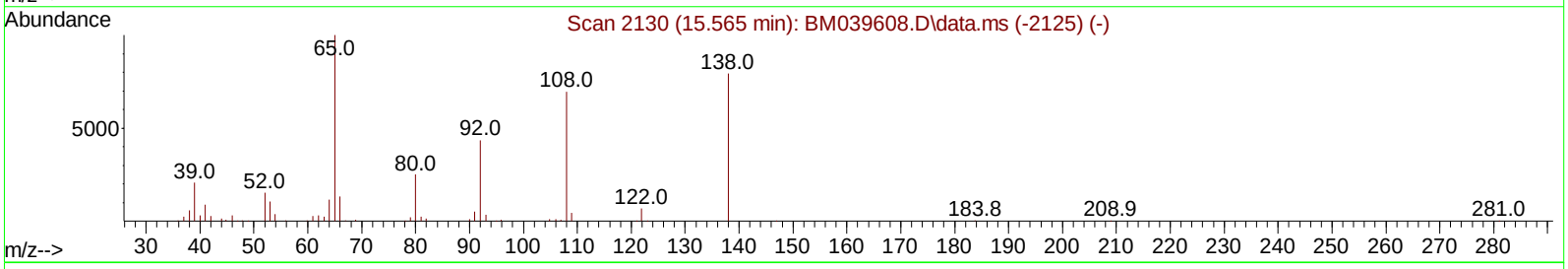

TIC: BM039608.D\data.ms

(63) 4-Nitroaniline

15.565min (-0.000) 15.95 ng/ul

response 81780

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	55.10	53.52
108.00	80.80	84.84
0.00	0.00	0.00

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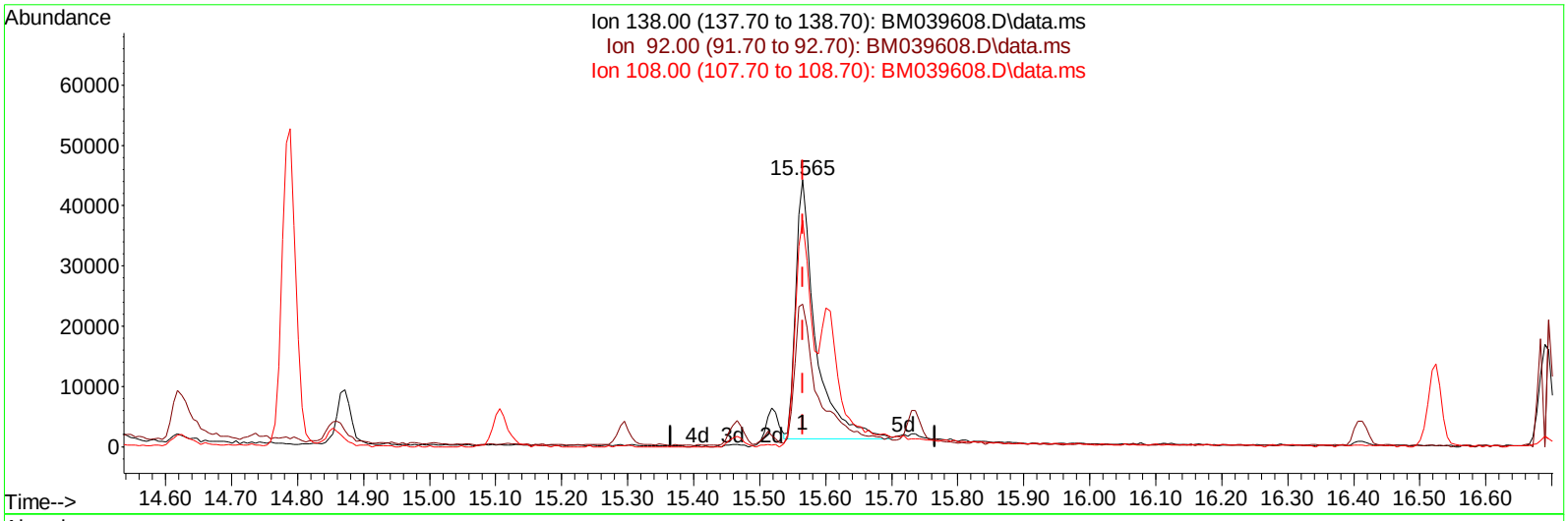

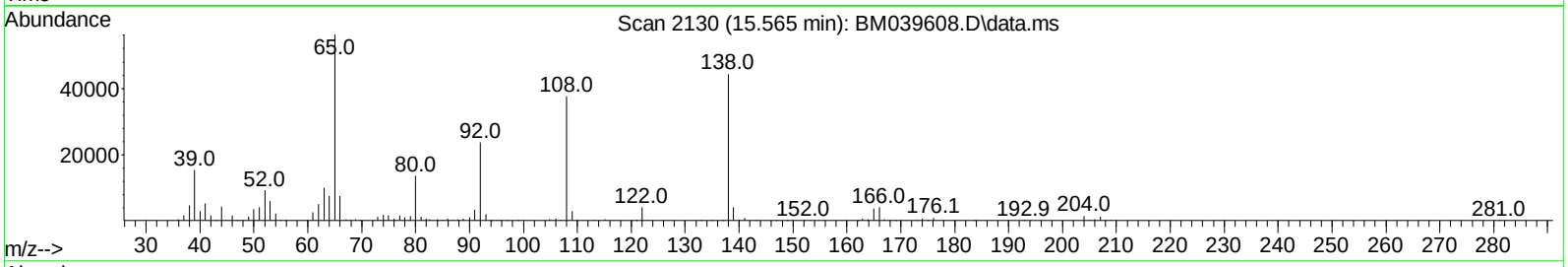

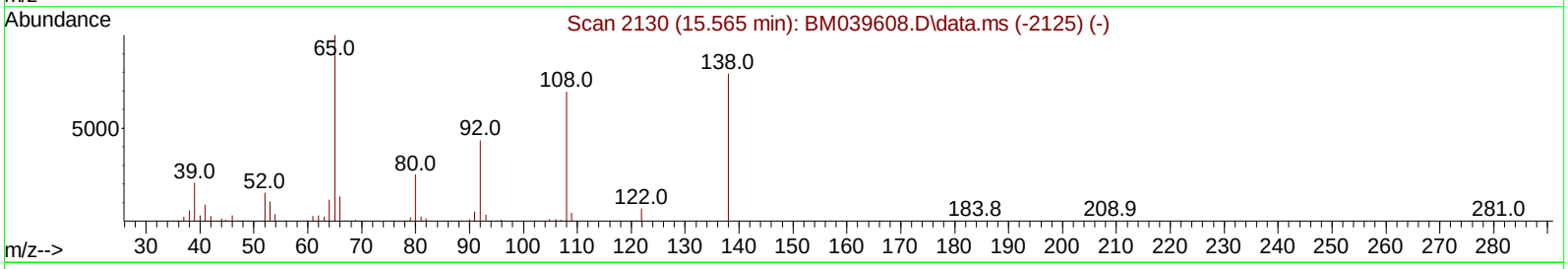

TIC: BM039608.D\data.ms

(63) 4-Nitroaniline

15.565min (-0.000) 17.41 ng/ul m

response 89266

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	55.10	53.52
108.00	80.80	84.84
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042423\
Data File : BM039608.D
Acq On : 24 Apr 2023 09:48
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 25 00:15:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Apr 23 00:18:16 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020121

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	202091	20.000	ng/ul	0.00
20) Naphthalene-d8	10.619	136	801617	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.471	164	441735	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	865928	20.000	ng/ul	0.00
79) Chrysene-d12	21.418	240	767301	20.000	ng/ul	0.00
88) Perylene-d12	23.783	264	855008	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	50437	9.580	ng/uL	0.00
4) Pyridine-d5	3.637	84	307297	20.772	ng/ul	0.00
7) Phenol-d5	6.995	99	350155	18.931	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	243670	19.931	ng/ul	0.00
11) 2-Chlorophenol-d4	7.348	132	292693	20.173	ng/ul	0.00
15) 4-Methylphenol-d8	8.542	113	258688	17.362	ng/ul	0.00
21) Nitrobenzene-d5	8.983	128	134136	20.799	ng/ul	0.00
24) 2-Nitrophenol-d4	9.707	143	142575	19.688	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.254	165	247225	19.841	ng/ul	0.00
31) 4-Chloroaniline-d4	10.772	131	329340	17.697	ng/ul	0.00
46) Dimethylphthalate-d6	13.883	166	693604	19.469	ng/ul	0.00
49) Acenaphthylene-d8	14.160	160	833410	20.824	ng/ul	0.00
54) 4-Nitrophenol-d4	14.724	143	59943	11.118	ng/ul	0.00
60) Fluorene-d10	15.465	176	585783	20.070	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.607	200	100883	17.532	ng/ul	0.00
73) Anthracene-d10	17.324	188	856674	20.571	ng/ul	0.00
81) Pyrene-d10	19.624	212	960481	18.838	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.630	264	938356	20.328	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.249	88	54443	9.449	ng/uL	98
5) Pyridine	3.654	79	334920	21.471	ng/ul	98
6) Benzaldehyde	6.954	77	187767	23.761	ng/ul	97
8) Phenol	7.025	94	370957	19.263	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.242	93	308203	19.195	ng/ul	100
12) 2-Chlorophenol	7.378	128	296016	20.275	ng/ul	96
13) 2-Methylphenol	8.272	108	269427	18.012	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.348	45	440544m	19.755	ng/ul	
16) Acetophenone	8.642	105	447865	18.300	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.625	70	238488	17.607	ng/ul	95
18) 4-Methylphenol	8.607	108	286936	17.768	ng/ul	99
19) Hexachloroethane	8.884	117	135684	20.462	ng/ul	98
22) Nitrobenzene	9.025	77	348201	21.867	ng/ul	95
23) Isophorone	9.548	82	647853	19.079	ng/ul	100
25) 2-Nitrophenol	9.736	139	156757	20.746	ng/ul	92
26) 2,4-Dimethylphenol	9.807	107	317287	20.549	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.036	93	395061	19.786	ng/ul	100
29) 2,4-Dichlorophenol	10.283	162	250309	20.393	ng/ul	100
30) Naphthalene	10.666	128	928423	20.933	ng/ul	99
32) 4-Chloroaniline	10.795	127	334037	18.216	ng/ul	100
33) Hexachlorobutadiene	10.942	225	171399	21.192	ng/ul	94
34) Caprolactam	11.583	113	71301	15.599	ng/ul	90
35) 4-Chloro-3-methylphenol	11.936	107	259223	18.088	ng/ul	99

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Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 25 00:15:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Apr 23 00:18:16 2023
Response via : Initial Calibration

Instrument :
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ClientSampleId :
SSTD020121

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	565101	19.006	ng/ul	100
37) 1-Methylnaphthalene	12.507	142	574056	19.213	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.654	216	292364	22.050	ng/ul	99
40) Hexachlorocyclopentadiene	12.624	237	138652	17.551	ng/ul	98
41) 2,4,6-Trichlorophenol	12.907	196	182447	20.597	ng/ul	98
42) 2,4,5-Trichlorophenol	12.995	196	183432	19.924	ng/ul	97
43) 1,1'-Biphenyl	13.301	154	739971	21.676	ng/ul	100
44) 2-Chloronaphthalene	13.342	162	574506	21.453	ng/ul	99
45) 2-Nitroaniline	13.566	65	158461	20.505	ng/ul	92
47) Dimethylphthalate	13.930	163	690659	19.581	ng/ul	100
48) 2,6-Dinitrotoluene	14.060	165	133440	18.706	ng/ul	98
50) Acenaphthylene	14.189	152	904654	21.131	ng/ul	100
51) 3-Nitroaniline	14.401	138	105910	15.840	ng/ul	97
52) Acenaphthene	14.530	153	620702	21.058	ng/ul	100
53) 2,4-Dinitrophenol	14.618	184	62287m	16.403	ng/ul	
55) 4-Nitrophenol	14.742	109	41190	10.058	ng/ul	89
56) Dibenzofuran	14.871	168	830486	20.729	ng/ul	100
57) 2,4-Dinitrotoluene	14.854	165	189449	19.113	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.107	232	157258	19.083	ng/ul	97
59) Diethylphthalate	15.295	149	692318	18.934	ng/ul	100
61) Fluorene	15.518	166	686523	20.715	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.512	204	331881	20.204	ng/ul	98
63) 4-Nitroaniline	15.565	138	89266m	17.409	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.618	198	102178	18.469	ng/ul#	89
67) N-Nitrosodiphenylamine	15.736	169	550896	21.353	ng/ul	100
68) 4-Bromophenyl-phenylether	16.412	248	192218	20.552	ng/ul	99
69) Hexachlorobenzene	16.524	284	220825	20.553	ng/ul	97
70) Atrazine	16.689	200	188852	19.727	ng/ul	99
71) Pentachlorophenol	16.889	266	112326	17.884	ng/ul	96
72) Phenanthrene	17.265	178	1007175	20.950	ng/ul	99
74) Anthracene	17.359	178	1023434	21.221	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.266	216	300964	23.337	ng/uL	99
76) Pentachlorobenzene	14.789	250	283187	22.309	ng/uL	99
77) Carbazole	17.642	167	874623	20.408	ng/ul	99
78) Di-n-butylphthalate	18.195	149	1142869	18.854	ng/ul	99
80) Fluoranthene	19.289	202	1125451	18.832	ng/ul	99
82) Pyrene	19.653	202	1191231	19.255	ng/ul	98
83) Butylbenzylphthalate	20.553	149	506583	17.347	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.347	252	349943	20.566	ng/ul	98
85) Benzo(a)anthracene	21.406	228	1101151	19.841	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.330	149	770048	17.731	ng/ul	100
87) Chrysene	21.459	228	1089286	20.577	ng/ul	99
89) Di-n-octyl phthalate	22.241	149	1334867	15.539	ng/ul	100
90) Benzo(b)fluoranthene	23.065	252	1139921	18.948	ng/ul	99
91) Benzo(k)fluoranthene	23.112	252	1143200	19.349	ng/ul	99
93) Benzo(a)pyrene	23.677	252	1023524	20.184	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.229	276	1361946	24.417	ng/ul	99
95) Dibenzo(a,h)anthracene	26.241	278	1123227	24.288	ng/ul	99
96) Benzo(g,h,i)perylene	26.982	276	1100206	24.761	ng/ul	99

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

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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