Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021420\

Quantitation Report (Qedit)

Data File : BN009722.D
Acq On : 14 Feb 2020 13:01
Operator : CG/JU
Sample : K5695-09
Misc : MDL-WATER-02
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 17 00:50:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-02

Manual Integrations APPROVED
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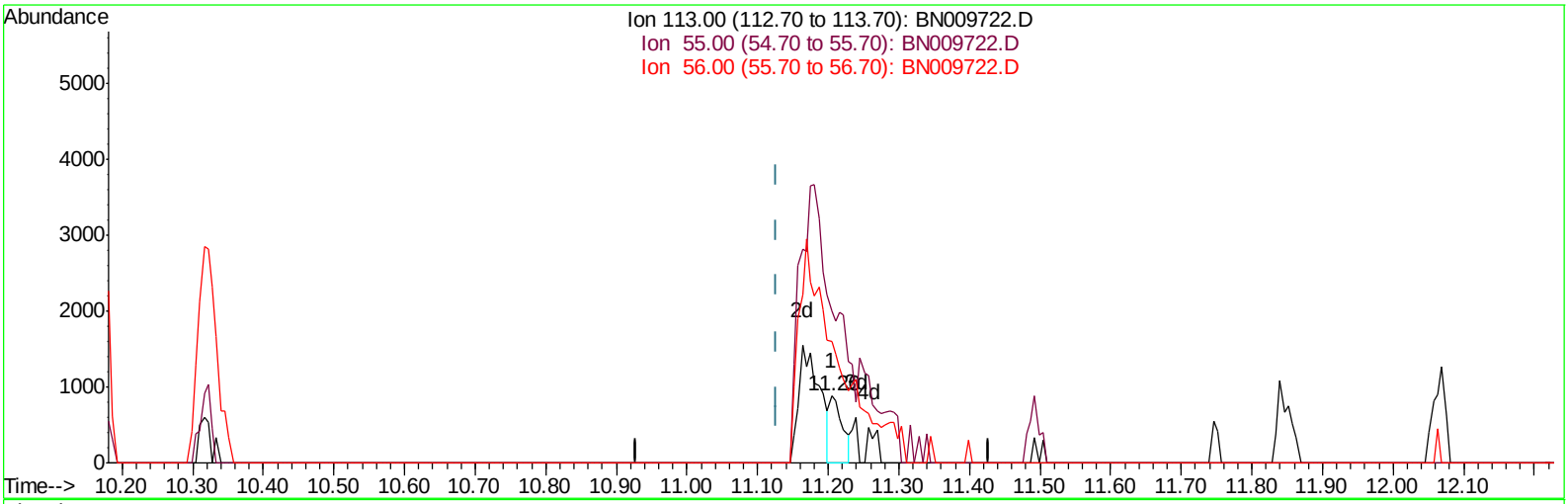

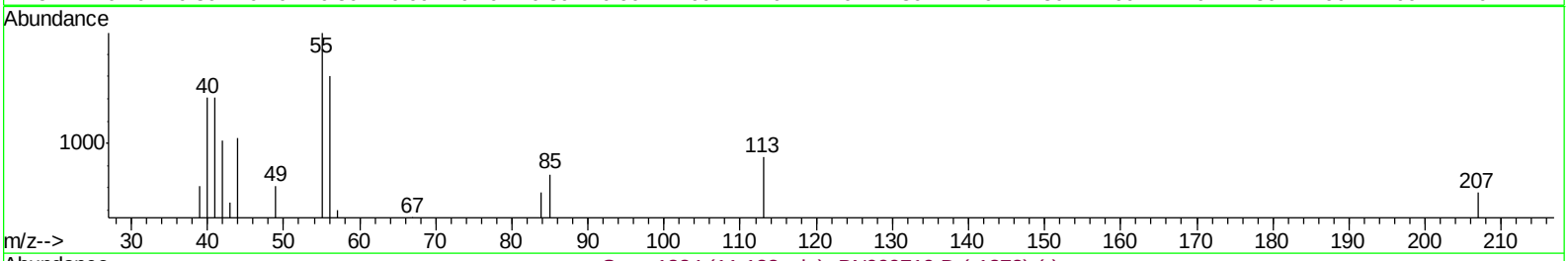

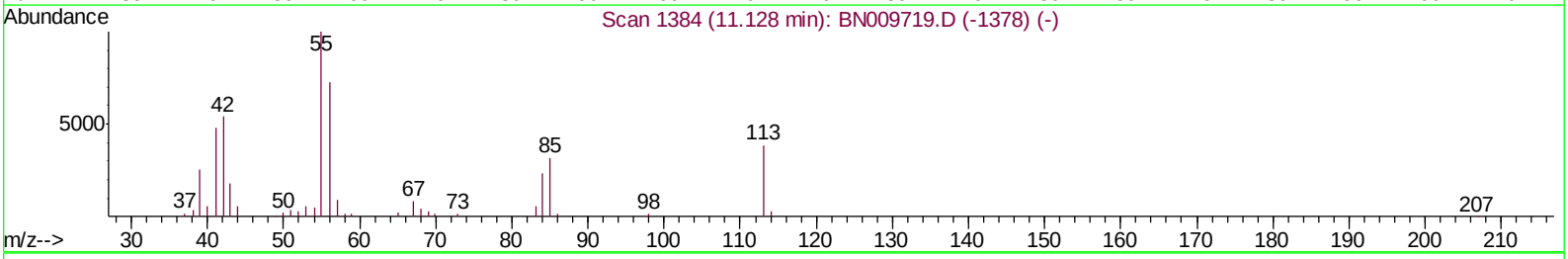

TIC: BN009722.D

(32) Caprolactam

11.204min (+0.076) 0.51ng/ul

response 1083

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	227.66
56.00	202.00	183.20
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021420\

Quantitation Report (Qedit)

Data File : BN009722.D
Acq On : 14 Feb 2020 13:01
Operator : CG/JU
Sample : K5695-09
Misc : MDL-WATER-02
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 17 00:50:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-02

Manual Integrations APPROVED
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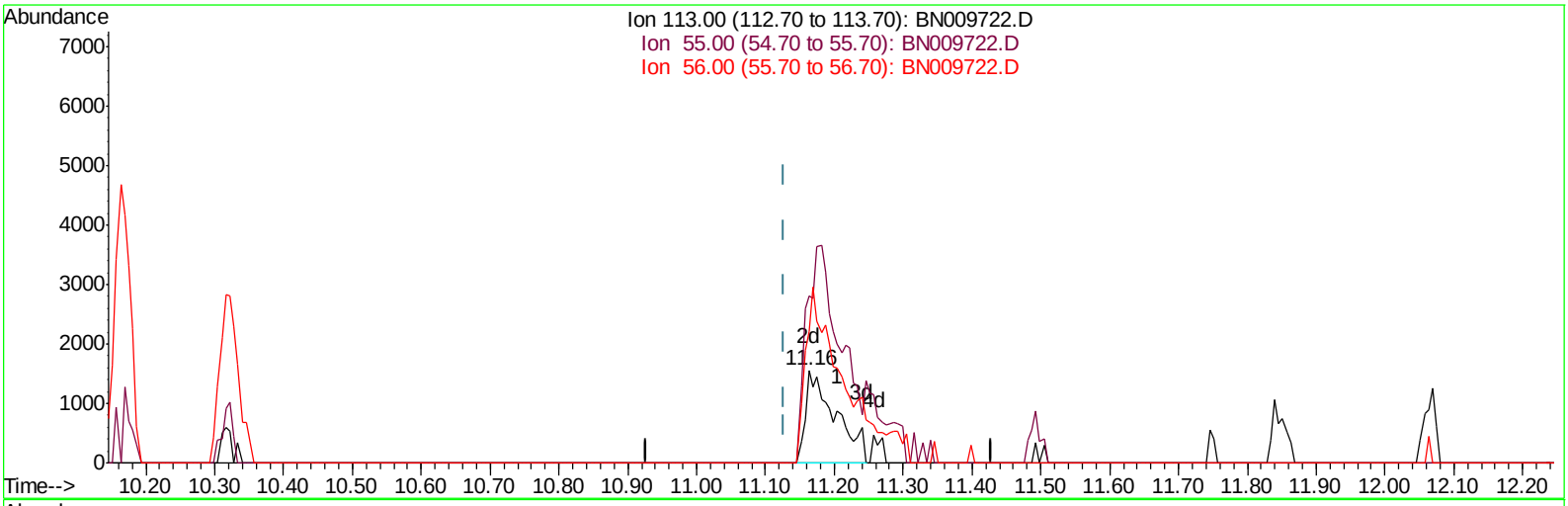

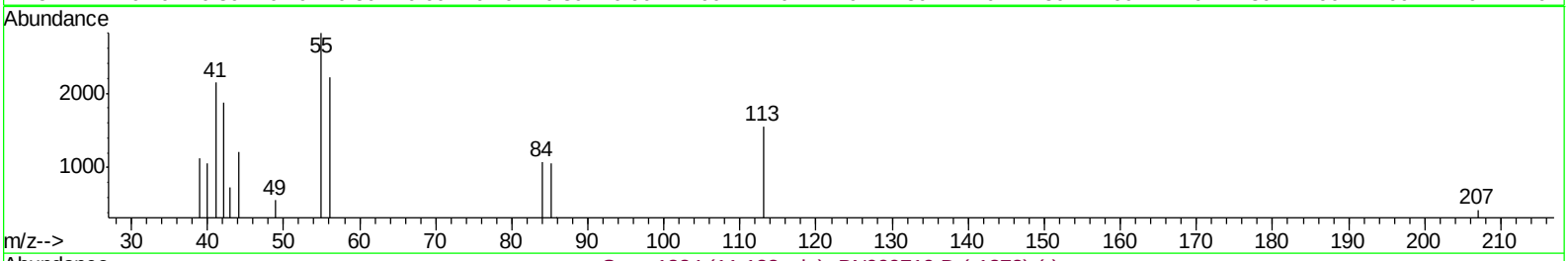

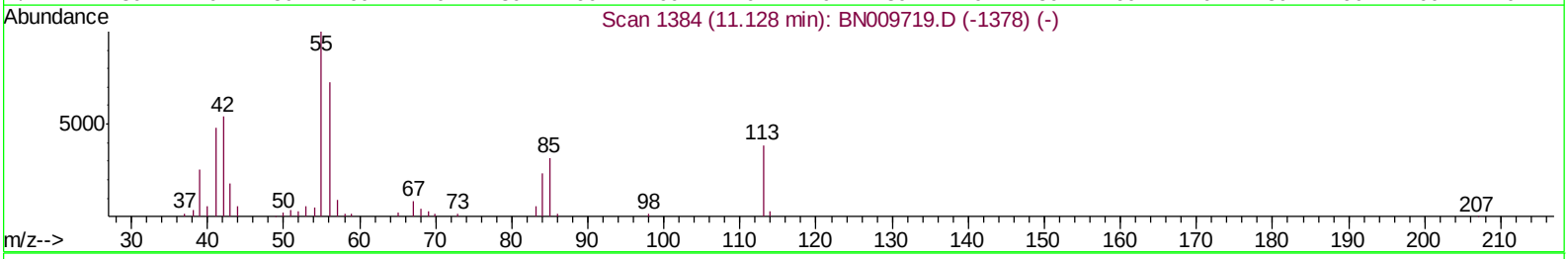

TIC: BN009722.D

(32) Caprolactam

11.163min (+0.035) 2.18ng/ul m

response 4627

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	180.63#
56.00	202.00	142.86#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021420\

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : K5695-09
Misc : MDL-WATER-02
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 17 00:50:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-02

Manual Integrations APPROVED
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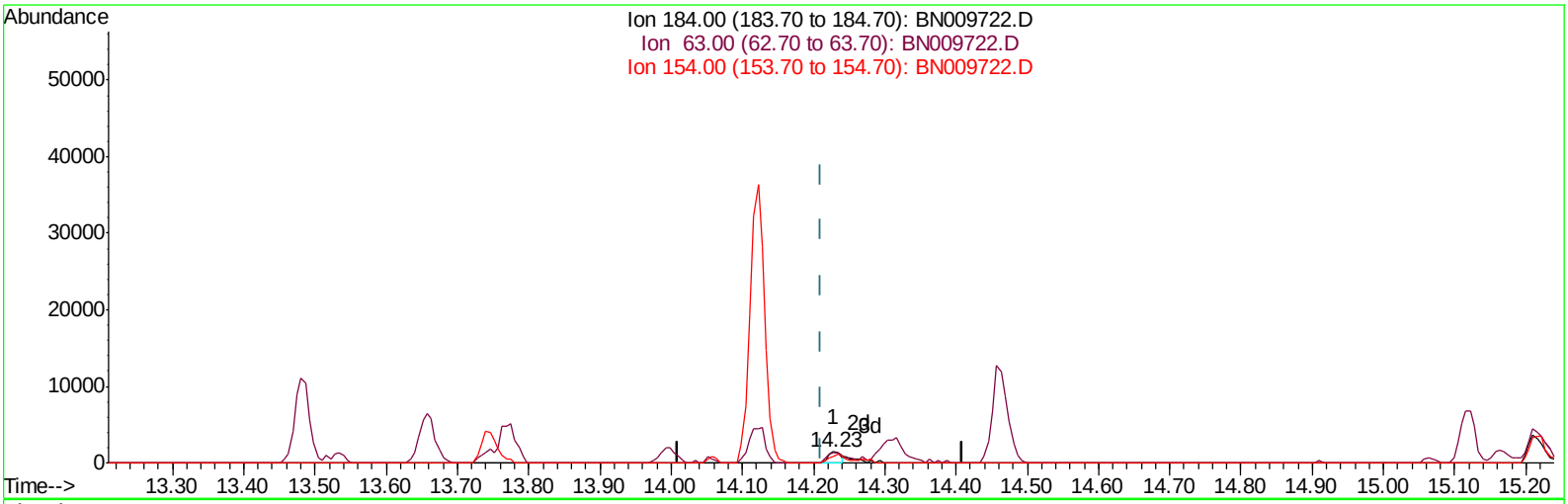

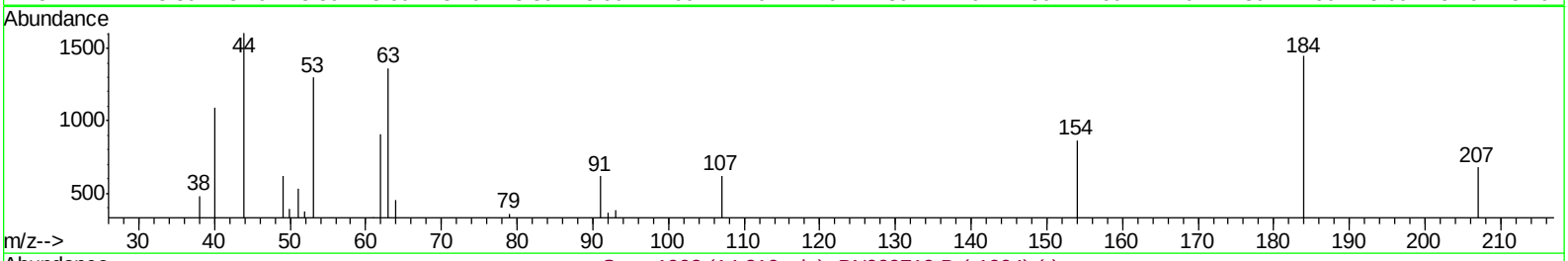

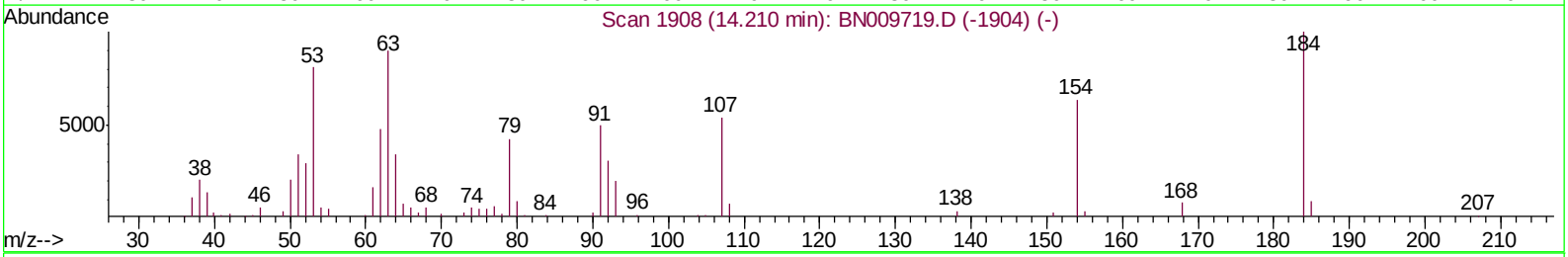

TIC: BN009722.D

(51) 2,4-Dinitrophenol

14.228min (+0.018) 0.74ng/ul

response 1742

Ion	Exp%	Act%
184.00	100	100
63.00	103.80	94.13
154.00	68.60	59.71
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021420\

Quantitation Report (Qedit)

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Operator : CG/JU
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Misc : MDL-WATER-02
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 17 00:50:41 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-02

Manual Integrations APPROVED
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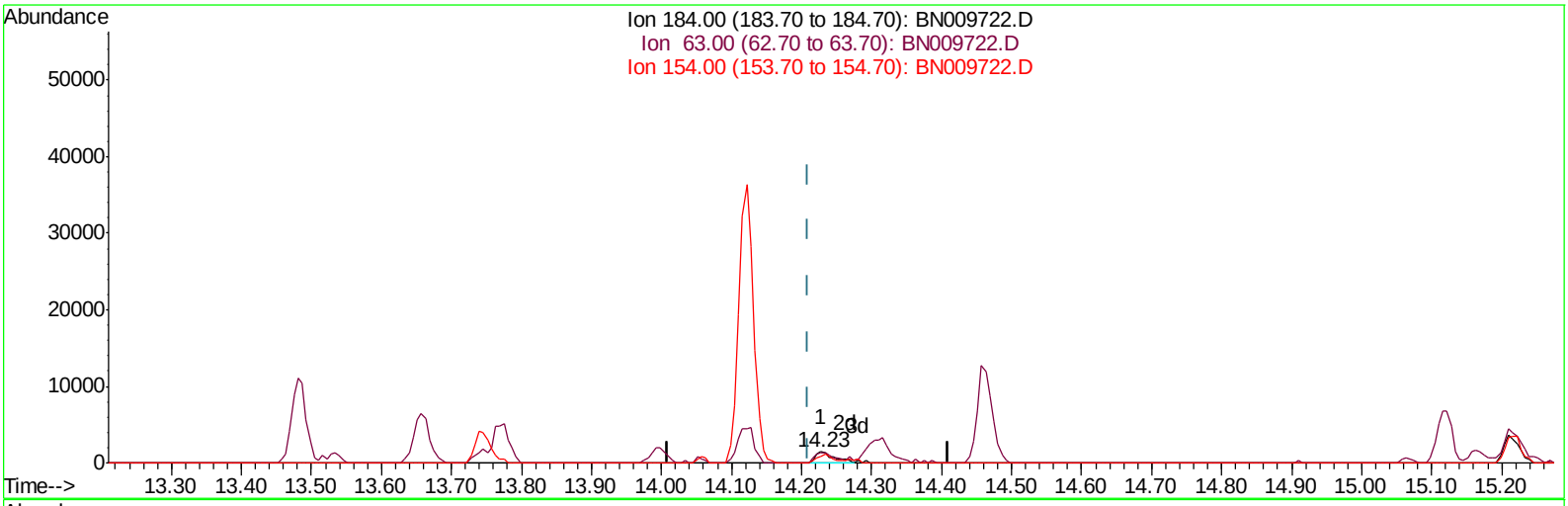

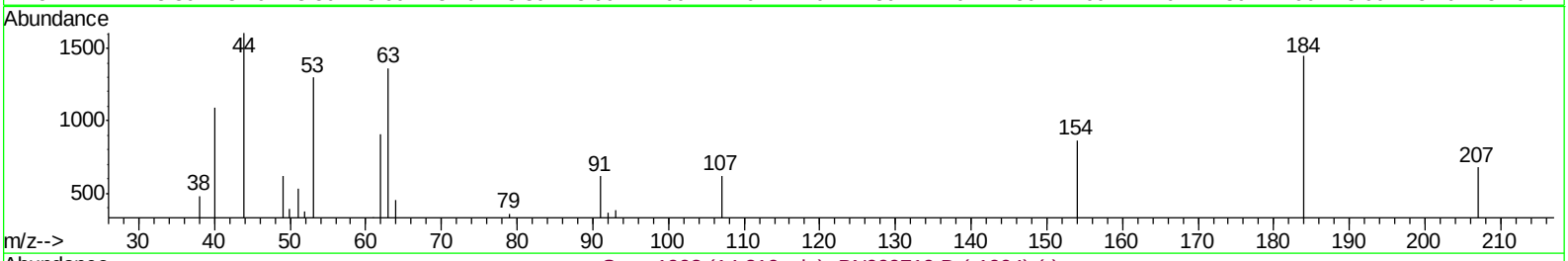

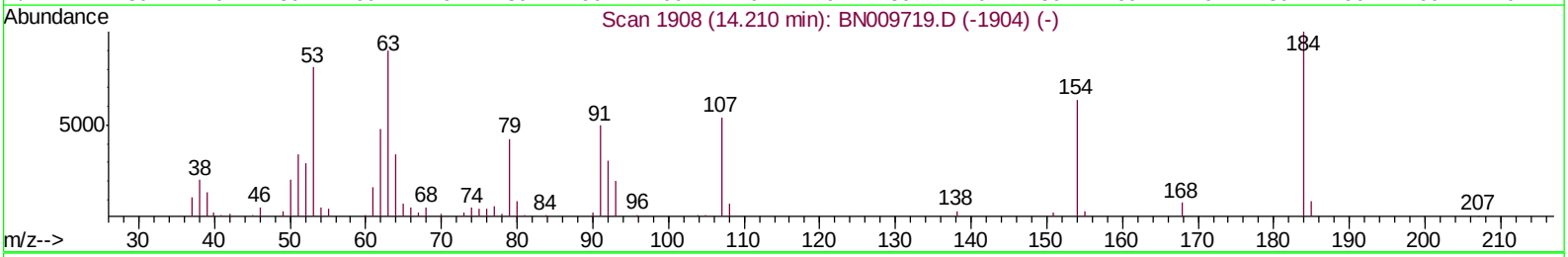

TIC: BN009722.D

(51) 2,4-Dinitrophenol

14.228min (+0.018) 1.17ng/ul m

response 2761

Ion	Exp%	Act%
184.00	100	100
63.00	103.80	94.13
154.00	68.60	59.71
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021420\

Quantitation Report (QT Reviewed)

Data File : BN009722.D
Acq On : 14 Feb 2020 13:01
Operator : CG/JU
Sample : K5695-09
Misc : MDL-WATER-02
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-02

Manual Integrations APPROVED
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Quant Time: Feb 17 01:27:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	93882	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	407419	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	268405	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	583553	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	560556	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	557470	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	11960	5.24	ng/uL	0.00
5) Phenol-d5	6.62	99	259234	32.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	187772	34.07	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	205787	34.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	207566	32.68	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	98755	33.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	110104	33.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	197470	31.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	283089	40.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	661621	33.00	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	799561	33.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	96942	26.48	ng/ul	0.00
58) Fluorene-d10	15.06	176	556785	32.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	95273	26.28	ng/ul	0.00
71) Anthracene-d10	16.91	188	877381	32.80	ng/ul	0.00
79) Pyrene-d10	19.22	212	936555	31.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	911026	32.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	2585	0.986	ng/uL#	79
4) Benzaldehyde	6.59	77	21326	4.016	ng/ul	98
6) Phenol	6.65	94	28171	3.292	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.87	93	23870	3.549	ng/ul	96
10) 2-Chlorophenol	6.99	128	22331	3.526	ng/ul	93
11) 2-Methylphenol	7.88	108	19597	3.130	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	7.96	45	60862	3.691	ng/ul	97
14) Acetophenone	8.24	105	35099	3.391	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.23	70	17986	3.326	ng/ul	92
16) 4-Methylphenol	8.20	108	21555	3.137	ng/ul	91
17) Hexachloroethane	8.47	117	9600	3.332	ng/ul#	92
20) Nitrobenzene	8.60	77	31419	3.577	ng/ul#	95
21) Isophorone	9.13	82	50556	3.271	ng/ul	97
23) 2-Nitrophenol	9.30	139	12253	3.358	ng/ul	93
24) 2,4-Dimethylphenol	9.38	107	25713	3.246	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.62	93	30579	3.237	ng/ul	99
27) 2,4-Dichlorophenol	9.83	162	20727	3.277	ng/ul	88
28) Naphthalene	10.22	128	75181	3.422	ng/ul	98
30) 4-Chloroaniline	10.35	127	26553	3.682	ng/ul	90
31) Hexachlorobutadiene	10.50	225	14310	3.383	ng/ul	90
32) Caprolactam	11.16	113	4627m	2.182	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	21787	3.013	ng/ul	91
34) 2-Methylnaphthalene	11.85	142	51272	3.361	ng/ul	97

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Quantitation Report (QT Reviewed)

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Acq On : 14 Feb 2020 13:01
Operator : CG/JU
Sample : K5695-09
Misc : MDL-WATER-02
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-02

Manual Integrations APPROVED
mohammad
2/17/2020 3:50:03 PM

Quant Time: Feb 17 01:27:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	53500	3.499	ng/uL	95
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	26812	3.370	ng/ul#	93
38) Hexachlorocyclopentadiene	12.20	237	3679	1.069	ng/ul	93
39) 2,4,6-Trichlorophenol	12.48	196	13272	2.628	ng/ul#	93
40) 2,4,5-Trichlorophenol	12.56	196	13277	2.451	ng/ul	95
41) 1,1'-Biphenyl	12.88	154	69663	3.379	ng/ul	99
42) 2-Chloronaphthalene	12.92	162	54371	3.321	ng/ul	96
43) 2-Nitroaniline	13.15	65	15932	2.661	ng/ul	91
45) Dimethylphthalate	13.53	163	73274	3.503	ng/ul	99
46) 2,6-Dinitrotoluene	13.66	165	11748	2.869	ng/ul	88
48) Acenaphthylene	13.77	152	87643	3.429	ng/ul	98
49) 3-Nitroaniline	14.00	138	9433	2.495	ng/ul#	95
50) Acenaphthene	14.12	153	58810	3.357	ng/ul	96
51) 2,4-Dinitrophenol	14.23	184	2761m	1.174	ng/ul	
53) 4-Nitrophenol	14.30	109	10216	3.092	ng/ul#	69
54) Dibenzofuran	14.46	168	83031	3.377	ng/ul	99
55) 2,4-Dinitrotoluene	14.46	165	16468	2.713	ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	14.70	232	12237	2.627	ng/ul#	92
57) Diethylphthalate	14.91	149	68786	3.202	ng/ul	96
59) Fluorene	15.12	166	67954	3.293	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.12	204	33039	3.246	ng/ul	93
61) 4-Nitroaniline	15.16	138	9069	1.967	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.23	198	10689	2.737	ng/ul#	73
65) N-Nitrosodiphenylamine	15.34	169	54992	3.176	ng/ul	95
66) 4-Bromophenyl-phenylether	16.02	248	18545	3.176	ng/ul	91
67) Hexachlorobenzene	16.13	284	21128	3.270	ng/ul	90
68) Atrazine	16.31	200	18314	2.788	ng/ul	96
69) Pentachlorophenol	16.49	266	7334	1.964	ng/ul#	90
70) Phenanthrene	16.86	178	110466	3.317	ng/ul	98
72) Anthracene	16.95	178	114875	3.374	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	29951	3.513	ng/uL	98
74) Pentachlorobenzene	14.39	250	26041	3.167	ng/uL	90
75) Carbazole	17.23	167	86563	2.887	ng/ul	100
76) Di-n-butylphthalate	17.81	149	100465	2.715	ng/ul	99
77) Fluoranthene	18.89	202	118898	3.048	ng/ul#	95
80) Pyrene	19.25	202	136759	3.384	ng/ul	99
81) Butylbenzylphthalate	20.18	149	40303	2.426	ng/ul	96
82) 3,3'-Dichlorobenzidine	20.96	252	34202	2.798	ng/ul	99
83) Benzo(a)anthracene	21.02	228	122123	3.170	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	62163	2.451	ng/ul	98
85) Chrysene	21.07	228	123344	3.252	ng/ul	98
87) Di-n-octyl phthalate	21.83	149	103512	2.453	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	121370	3.358	ng/ul	95
89) Benzo(k)fluoranthene	22.56	252	111200	3.249	ng/ul	99
91) Benzo(a)pyrene	23.05	252	105170	3.235	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.20	276	121293	3.143	ng/ul	93
93) Dibenzo(a,h)anthracene	25.21	278	103737	3.142	ng/ul	97
94) Benzo(g,h,i)perylene	25.82	276	105756	3.268	ng/ul	99

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Misc : MDL-WATER-02
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Quant Time: Feb 17 01:27:16 2020
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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