

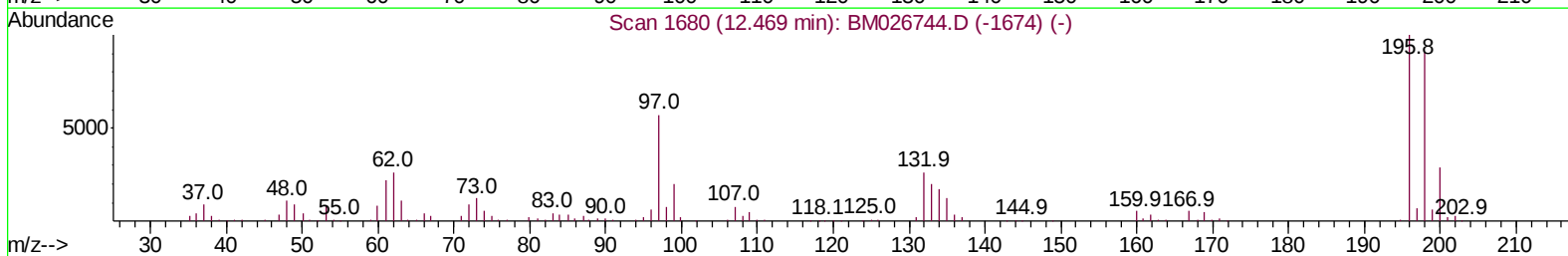
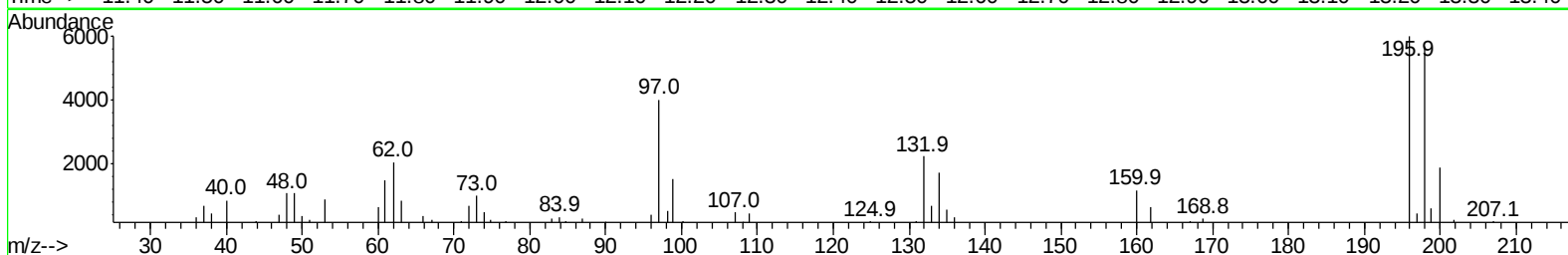
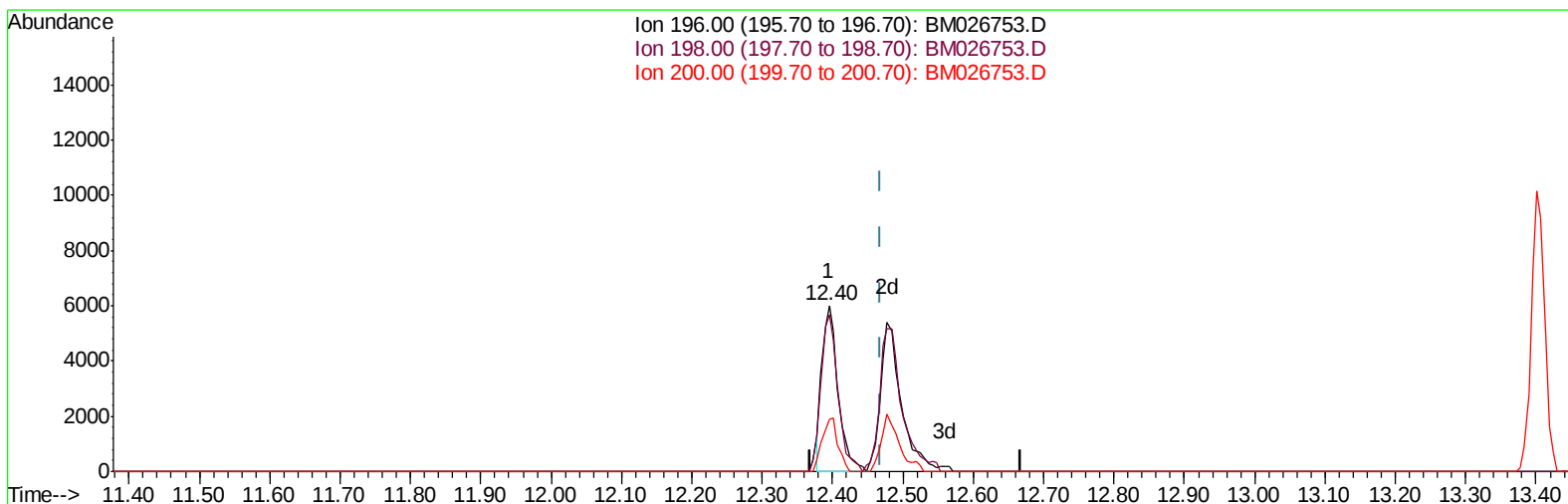
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071420\
 Data File : BM026753.D
 Acq On : 14 Jul 2020 15:20
 Operator : JU/CG
 Sample : L1955-08
 Misc : MDL-WATER-01
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-01

Manual Integrations
 APPROVED

mohammad
 7/20/2020 11:24:52 AM

Quant Time: Jul 14 15:59:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 14 10:31:32 2020
 Response via : Initial Calibration



TIC: BM026753.D

(40) 2,4,5-Trichlorophenol

12.395min (-0.074) 2.86ng/ul

response 9480

Ion	Exp%	Act%
196.00	100	100
198.00	90.50	94.52
200.00	29.80	31.27
0.00	0.00	0.00

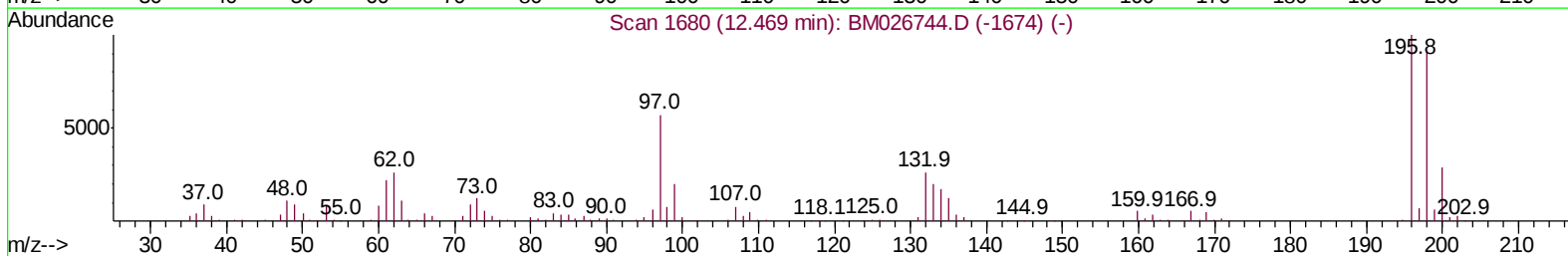
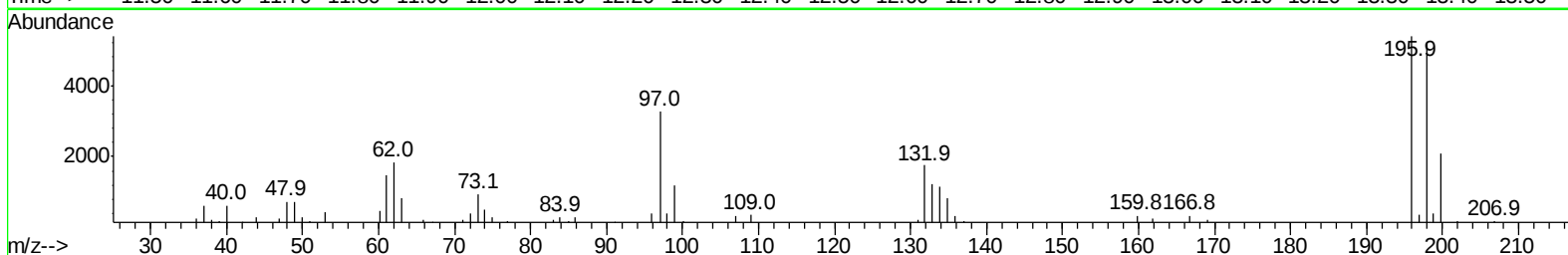
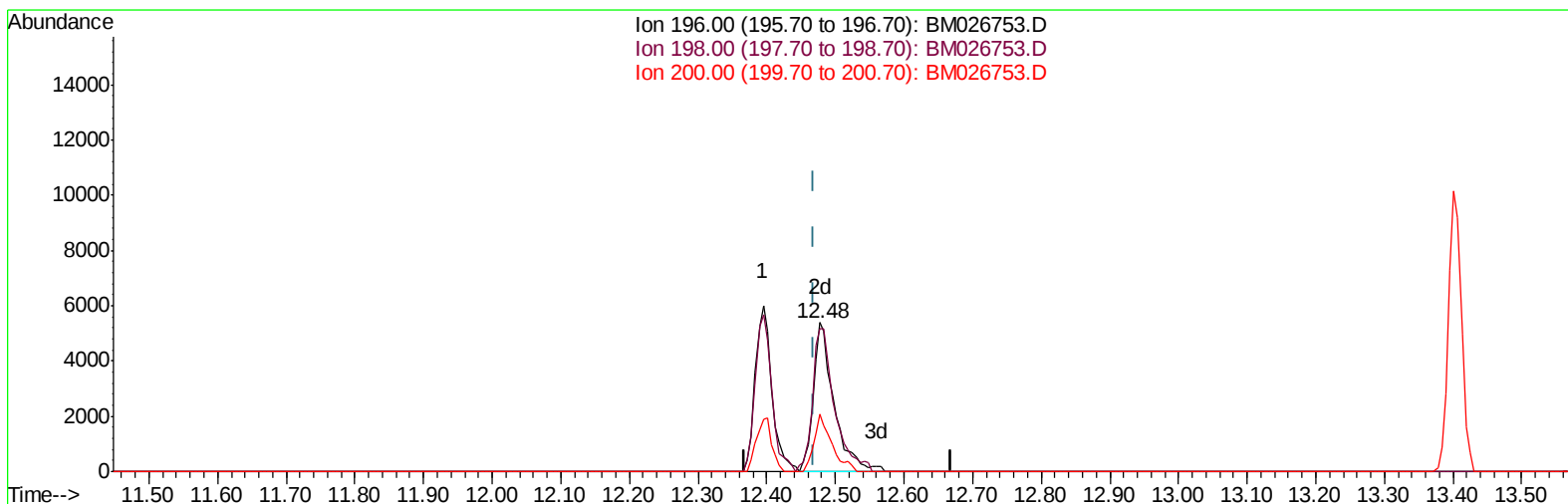
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071420\
Data File : BM026753.D
Acq On : 14 Jul 2020 15:20
Operator : JU/CG
Sample : L1955-08
Misc : MDL-WATER-01
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-01

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:52 AM

Quant Time: Jul 14 15:59:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration



TIC: BM026753.D

(40) 2,4,5-Trichlorophenol

12.478min (+0.009) 3.40ng/ul m

response 11256

Ion	Exp%	Act%
196.00	100	100
198.00	90.50	95.75
200.00	29.80	38.71#
0.00	0.00	0.00

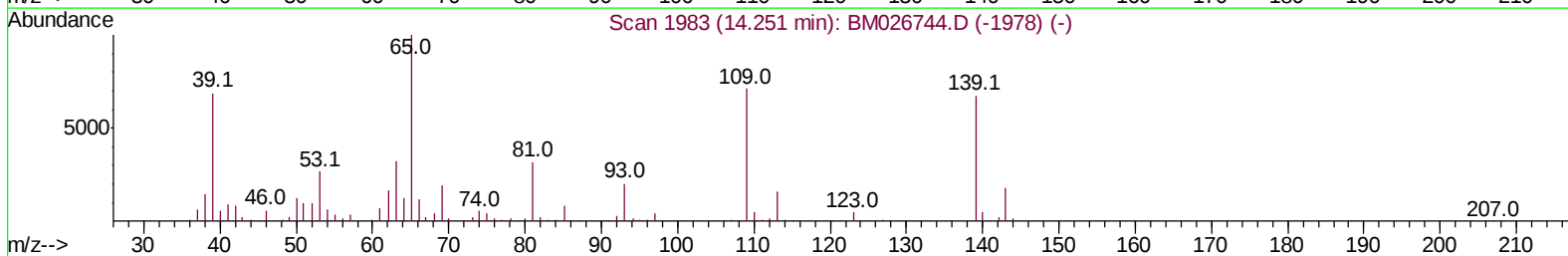
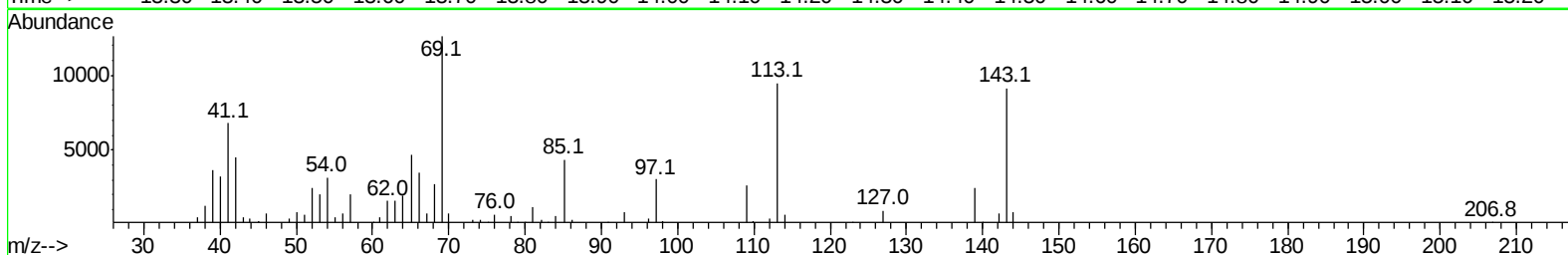
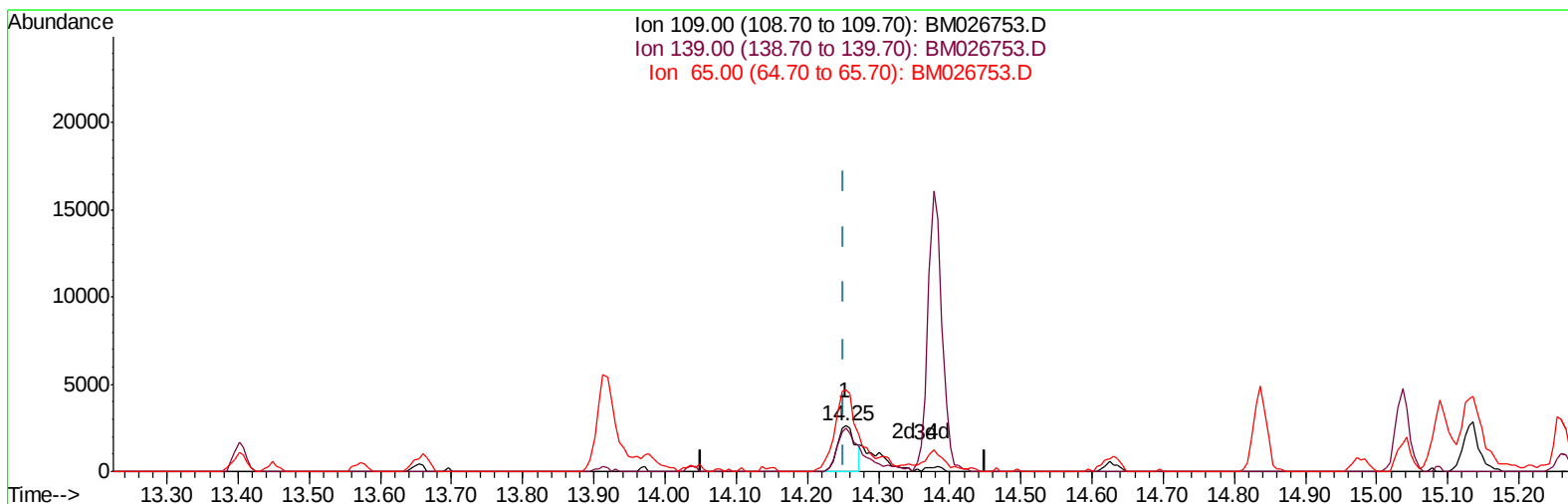
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071420\
Data File : BM026753.D
Acq On : 14 Jul 2020 15:20
Operator : JU/CG
Sample : L1955-08
Misc : MDL-WATER-01
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-01

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:52 AM

Quant Time: Jul 14 15:59:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration



TIC: BM026753.D

(53) 4-Nitrophenol

14.254min (+0.003) 2.75ng/ul

response 4597

Ion	Exp%	Act%
109.00	100	100
139.00	109.40	94.57
65.00	149.30	179.14
0.00	0.00	0.00

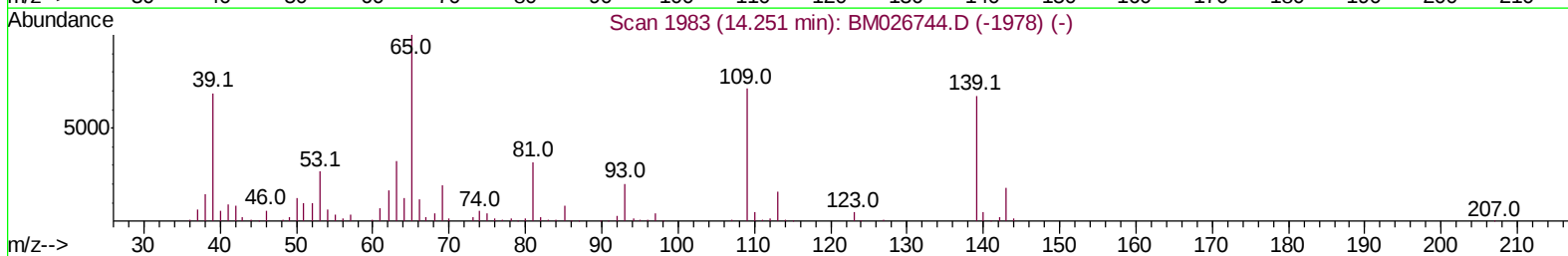
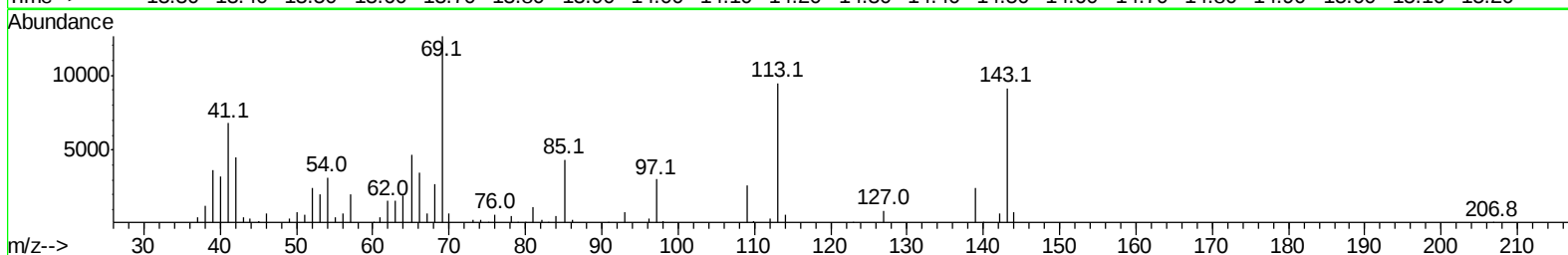
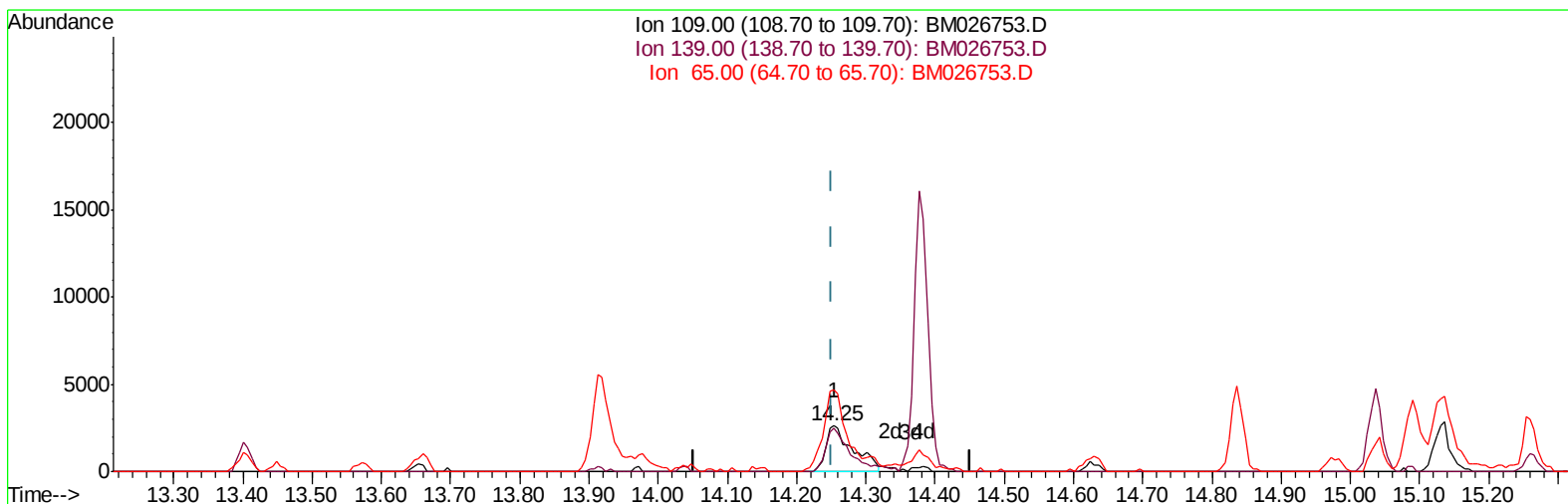
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071420\
 Data File : BM026753.D
 Acq On : 14 Jul 2020 15:20
 Operator : JU/CG
 Sample : L1955-08
 Misc : MDL-WATER-01
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-01

Manual Integrations
 APPROVED

mohammad
 7/20/2020 11:24:52 AM

Quant Time: Jul 14 15:59:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 14 10:31:32 2020
 Response via : Initial Calibration



TIC: BM026753.D

(53) 4-Nitrophenol

14.254min (+0.003) 4.27ng/ul m

response 7137

Ion	Exp%	Act%
109.00	100	100
139.00	109.40	94.57
65.00	149.30	179.14
0.00	0.00	0.00

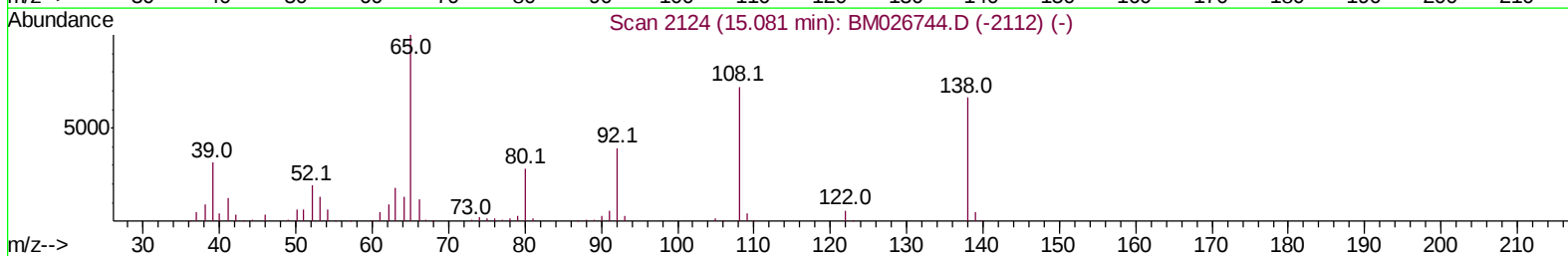
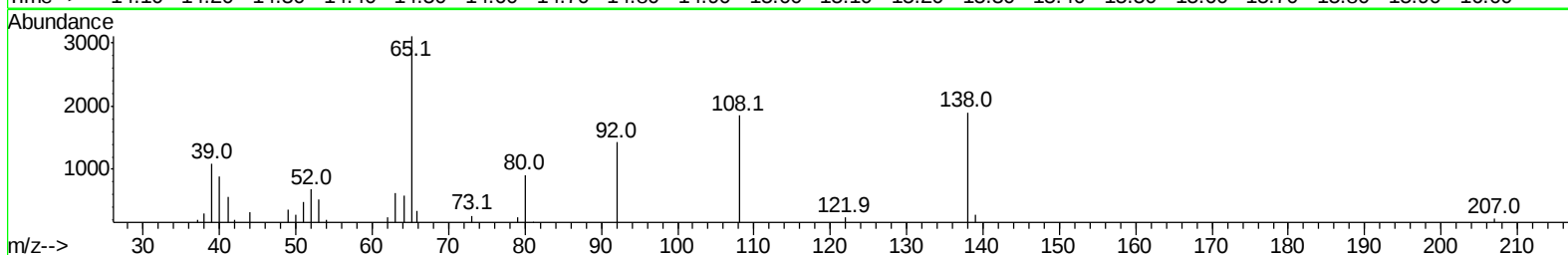
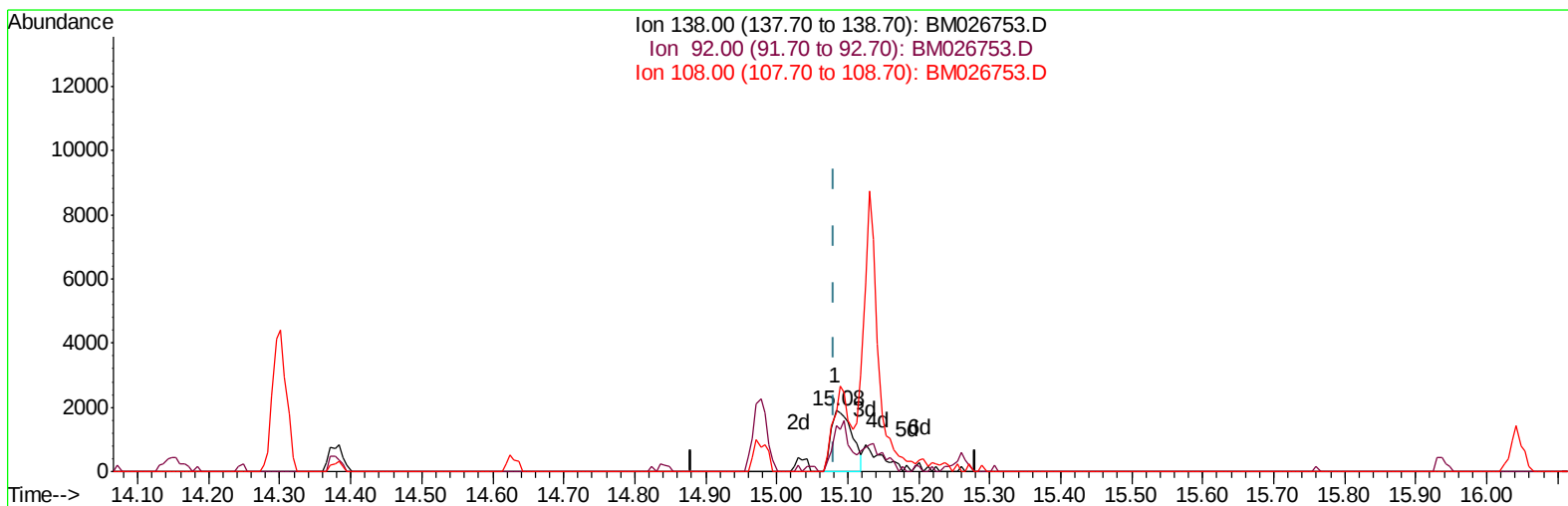
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071420\
Data File : BM026753.D
Acq On : 14 Jul 2020 15:20
Operator : JU/CG
Sample : L1955-08
Misc : MDL-WATER-01
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-01

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:52 AM

Quant Time: Jul 14 15:59:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration



TIC: BM026753.D

(61) 4-Nitroaniline

15.083min (+0.003) 1.84ng/ul

response 3947

Ion	Exp%	Act%
138.00	100	100
92.00	59.60	75.07#
108.00	103.20	97.11
0.00	0.00	0.00

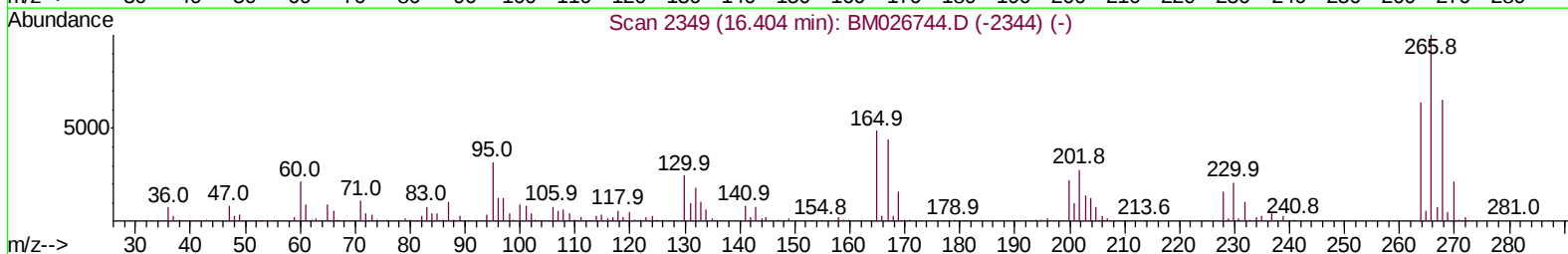
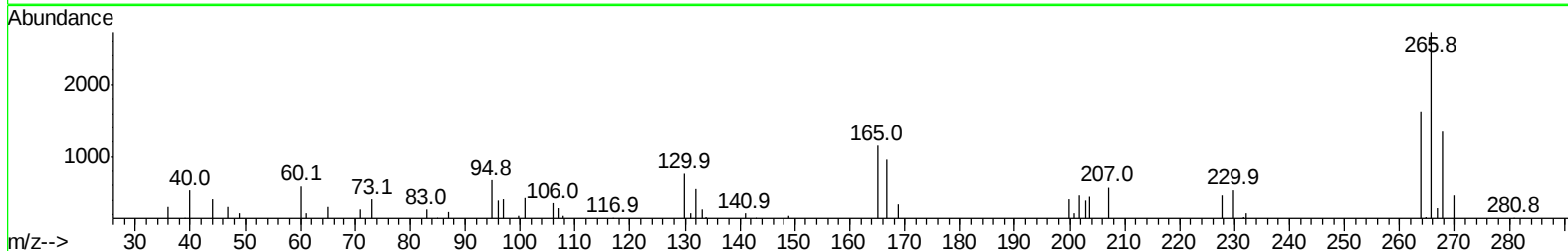
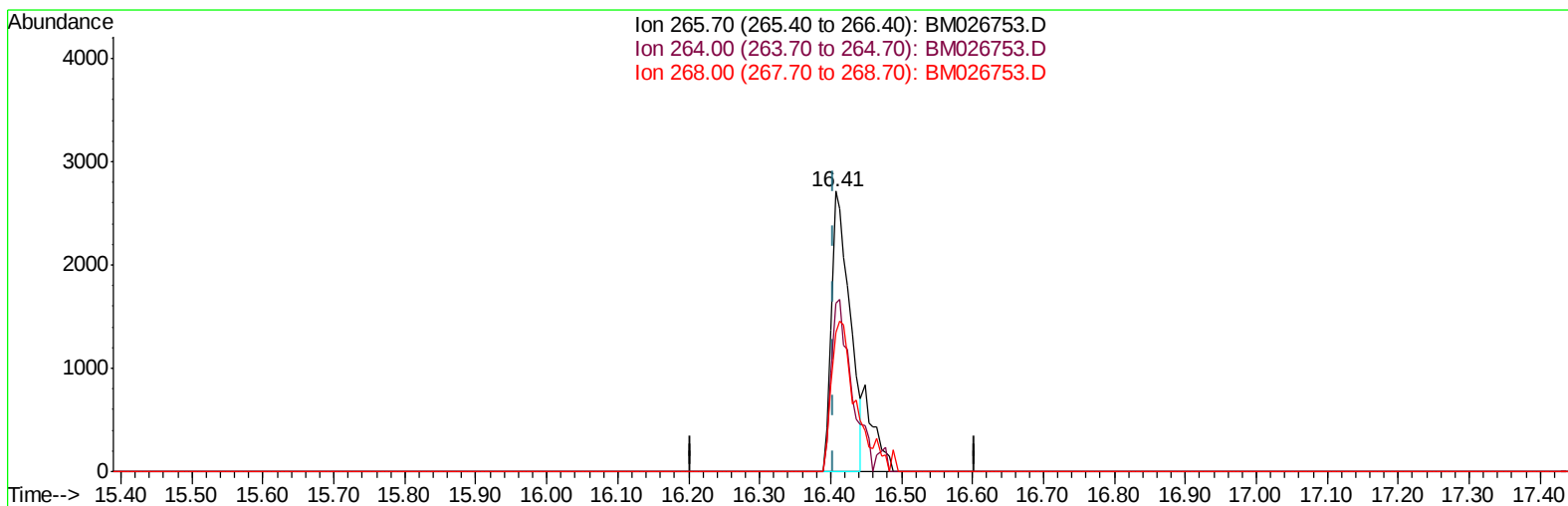
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071420\
Data File : BM026753.D
Acq On : 14 Jul 2020 15:20
Operator : JU/CG
Sample : L1955-08
Misc : MDL-WATER-01
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-01

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:52 AM

Quant Time: Jul 14 15:59:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration



TIC: BM026753.D

(69) Pentachlorophenol (C)

16.407min (+0.003) 2.50ng/ul

response 4905

Ion	Exp%	Act%
265.70	100	100
264.00	62.40	66.09
268.00	64.20	49.67#
0.00	0.00	0.00

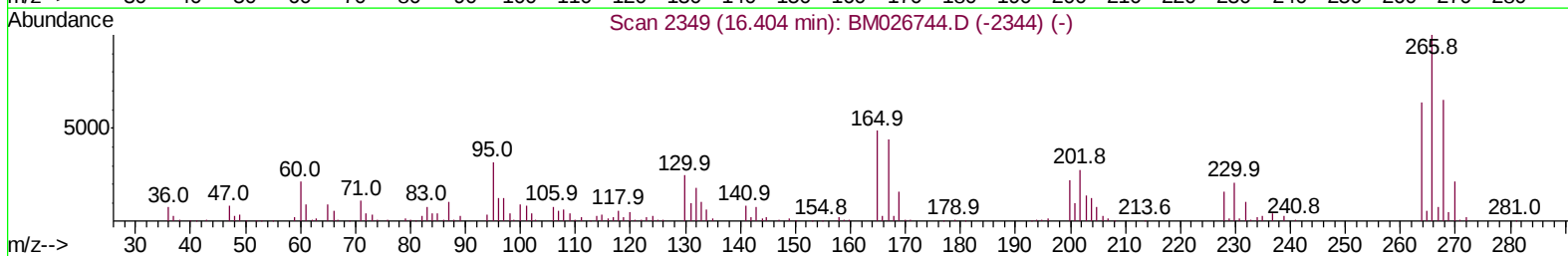
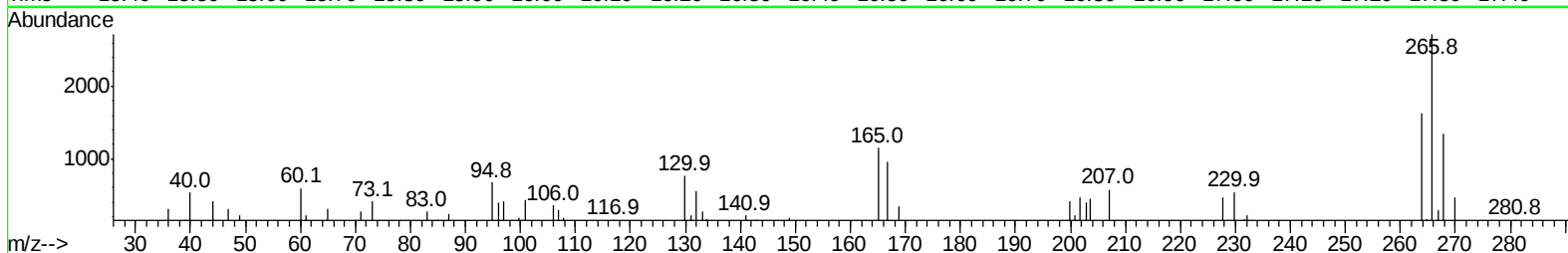
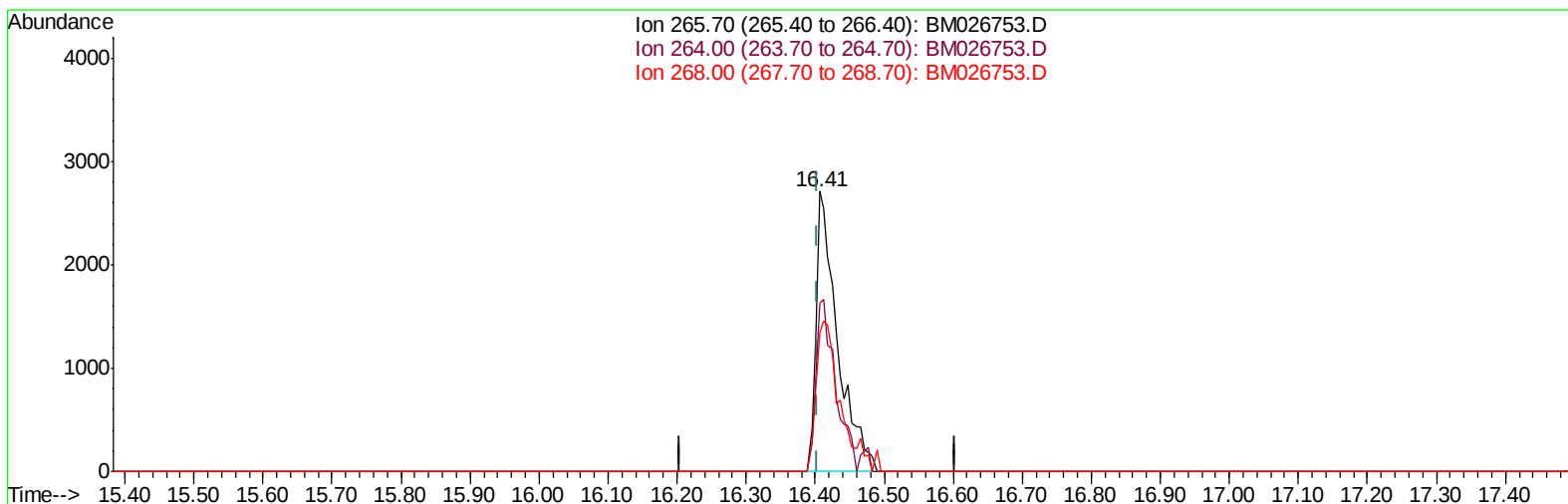
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071420\
Data File : BM026753.D
Acq On : 14 Jul 2020 15:20
Operator : JU/CG
Sample : L1955-08
Misc : MDL-WATER-01
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-01

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:52 AM

Quant Time: Jul 14 15:59:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration



TIC: BM026753.D

(69) Pentachlorophenol (C)

16.407min (+0.003) 2.99ng/ul m

response 5869

Ion	Exp%	Act%
265.70	100	100
264.00	62.40	60.13
268.00	64.20	49.67#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071420\
 Data File : BM026753.D
 Acq On : 14 Jul 2020 15:20
 Operator : JU/CG
 Sample : L1955-08
 Misc : MDL-WATER-01
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-01

Manual Integrations
 APPROVED

mohammad
 7/20/2020 11:24:52 AM

Quant Time: Jul 14 16:04:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 14 10:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	60898	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	235437	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	141215	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	290170	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	299332	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	348114	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.91	96	3216	1.59	ng/uL	0.00
5) Phenol-d5	6.53	99	136152	24.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	96821	25.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	109263	25.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	104733	23.48	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	50520	27.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	54933	27.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	99159	25.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	133406	32.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	303604	26.95	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	366412	26.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	33776	20.78	ng/ul	0.00
58) Fluorene-d10	14.98	176	252940	25.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	42784	23.60	ng/ul	0.00
71) Anthracene-d10	16.83	188	386956	27.08	ng/ul	0.00
79) Pyrene-d10	19.14	212	435684	28.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	477681	25.43	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	2.94	88	3284	1.497	ng/uL	96
4) Benzaldehyde	6.48	77	9095	3.071	ng/ul	93
6) Phenol	6.55	94	21190	3.456	ng/ul	91
8) Bis(2-Chloroethyl)ether	6.76	93	17515	3.751	ng/ul	93
10) 2-Chlorophenol	6.88	128	16139	3.416	ng/ul	92
11) 2-Methylphenol	7.78	108	14105	3.220	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	7.85	45	34639	3.824	ng/ul	98
14) Acetophenone	8.14	105	25099	3.321	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.12	70	14352	3.215	ng/ul#	84
16) 4-Methylphenol	8.11	108	15453	3.173	ng/ul	92
17) Hexachloroethane	8.36	117	7306	3.490	ng/ul	97
20) Nitrobenzene	8.50	77	21998	3.746	ng/ul	97
21) Isophorone	9.02	82	35581	3.605	ng/ul	97
23) 2-Nitrophenol	9.20	139	8851	3.853	ng/ul	90
24) 2,4-Dimethylphenol	9.28	107	17387	3.287	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.51	93	21695	3.697	ng/ul	96
27) 2,4-Dichlorophenol	9.74	162	14373	3.578	ng/ul#	87
28) Naphthalene	10.11	128	50854	3.649	ng/ul	99
30) 4-Chloroaniline	10.24	127	19596	4.505	ng/ul	93
31) Hexachlorobutadiene	10.40	225	11427	3.925	ng/ul	97
32) Caprolactam	11.06	113	2931m	2.642	ng/ul	
33) 4-Chloro-3-methylphenol	11.41	107	15315	3.350	ng/ul	97
34) 2-Methylnaphthalene	11.74	142	34925	3.577	ng/ul	95

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071420\
 Data File : BM026753.D
 Acq On : 14 Jul 2020 15:20
 Operator : JU/CG
 Sample : L1955-08
 Misc : MDL-WATER-01
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 MDL-WATER-01

Manual Integrations
 APPROVED

mohammad
 7/20/2020 11:24:52 AM

Quant Time: Jul 14 16:04:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 14 10:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	11.97	142	33318	3.661	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.13	216	18844	3.671	ng/ul	98
38) Hexachlorocyclopentadiene	12.10	237	2930	1.119	ng/ul#	91
39) 2,4,6-Trichlorophenol	12.40	196	10068	3.323	ng/ul	96
40) 2,4,5-Trichlorophenol	12.48	196	11256m	3.397	ng/ul	
41) 1,1'-Biphenyl	12.79	154	44765	3.662	ng/ul	98
42) 2-Chloronaphthalene	12.82	162	34351	3.570	ng/ul	98
43) 2-Nitroaniline	13.06	65	10152	3.139	ng/ul	91
45) Dimethylphthalate	13.45	163	44248	3.753	ng/ul	98
46) 2,6-Dinitrotoluene	13.57	165	7016	3.079	ng/ul#	88
48) Acenaphthylene	13.68	152	53076	3.641	ng/ul	99
49) 3-Nitroaniline	13.91	138	5509	2.908	ng/ul	98
50) Acenaphthene	14.04	153	36850	3.577	ng/ul	98
51) 2,4-Dinitrophenol	14.15	184	2107	1.780	ng/ul	93
53) 4-Nitrophenol	14.25	109	7137m	4.265	ng/ul	
54) Dibenzofuran	14.38	168	52278	3.576	ng/ul	91
55) 2,4-Dinitrotoluene	14.38	165	10728	3.166	ng/ul#	75
56) 2,3,4,6-Tetrachlorophenol	14.63	232	9777	3.427	ng/ul#	93
57) Diethylphthalate	14.84	149	44795	3.780	ng/ul	97
59) Fluorene	15.04	166	43285	3.624	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.04	204	22999	3.705	ng/ul	99
61) 4-Nitroaniline	15.08	138	5413m	2.527	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.15	198	6553	3.413	ng/ul#	60
65) N-Nitrosodiphenylamine	15.26	169	35904	3.701	ng/ul	99
66) 4-Bromophenyl-phenylether	15.94	248	13363	3.820	ng/ul	96
67) Hexachlorobenzene	16.04	284	15376	3.857	ng/ul	95
68) Atrazine	16.24	200	12265	3.880	ng/ul	95
69) Pentachlorophenol	16.41	266	5869m	2.986	ng/ul	
70) Phenanthrene	16.77	178	67556	3.739	ng/ul	98
72) Anthracene	16.87	178	67971	3.728	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	18714	3.741	ng/uL	97
74) Pentachlorobenzene	14.30	250	19006	3.966	ng/uL	99
75) Carbazole	17.15	167	53306	3.652	ng/ul	97
76) Di-n-butylphthalate	17.73	149	65134	3.688	ng/ul	99
77) Fluoranthene	18.81	202	74695	3.996	ng/ul	98
80) Pvrene	19.17	202	82221	3.876	ng/ul	99
81) Butylbenzylphthalate	20.11	149	28044	3.727	ng/ul	94
82) 3,3'-Dichlorobenzidine	20.89	252	17676	2.930	ng/ul	97
83) Benzo(a)anthracene	20.94	228	81225	3.942	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.91	149	42084	3.755	ng/ul	98
85) Chrysene	20.99	228	80116	3.919	ng/ul	99
87) Di-n-octyl phthalate	21.75	149	74446	3.471	ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	81938	3.465	ng/ul	98
89) Benzo(k)fluoranthene	22.46	252	85346	3.642	ng/ul	98
91) Benzo(a)pyrene	22.93	252	82396	3.928	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.02	276	95397	3.485	ng/ul	97
93) Dibenzo(a,h)anthracene	25.03	278	81591	3.538	ng/ul	96
94) Benzo(a,h,i)perylene	25.62	276	82999	3.635	ng/ul	100

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071420\
Data File : BM026753.D
Acq On : 14 Jul 2020 15:20
Operator : JU/CG
Sample : L1955-08
Misc : MDL-WATER-01
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-01

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:52 AM

Quant Time: Jul 14 16:04:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

