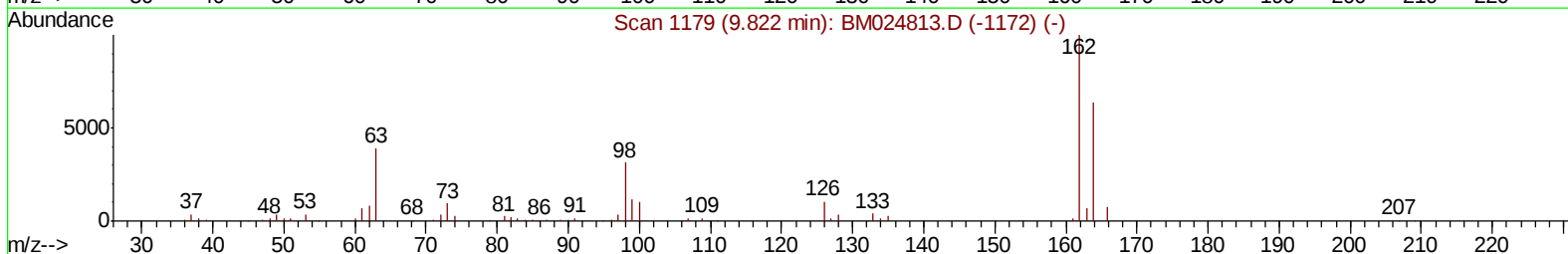
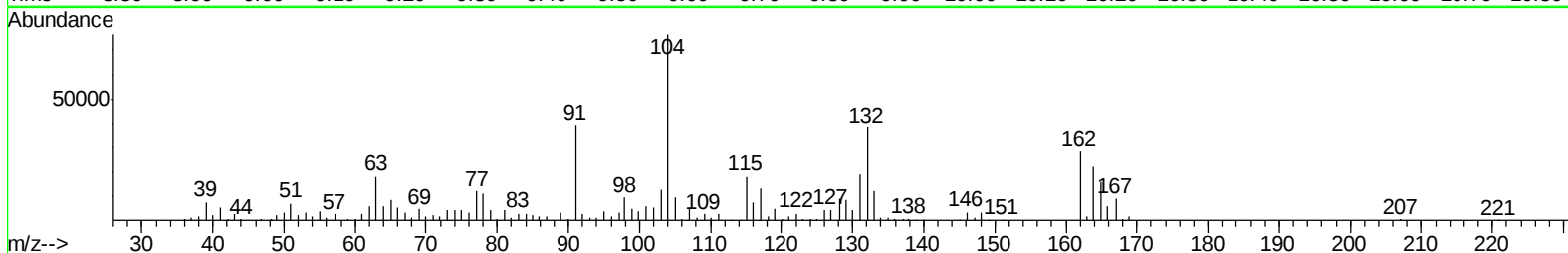
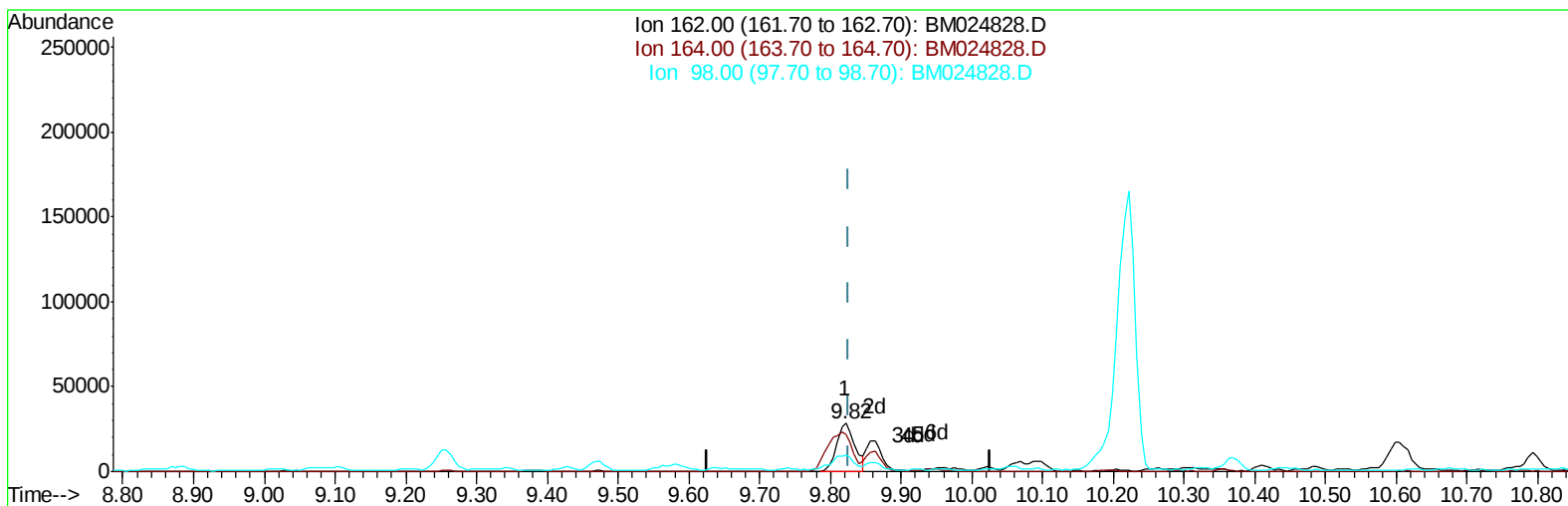


Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024828.D
Acq On : 11 Feb 2020 03:05
Operator : CG/JU
Sample : L1424-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5B29

Quant Time: Feb 11 03:49:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration



TIC: BM024828.D

(27) 2,4-Dichlorophenol (C)

9.822min (-0.006) 2.89ng/ul

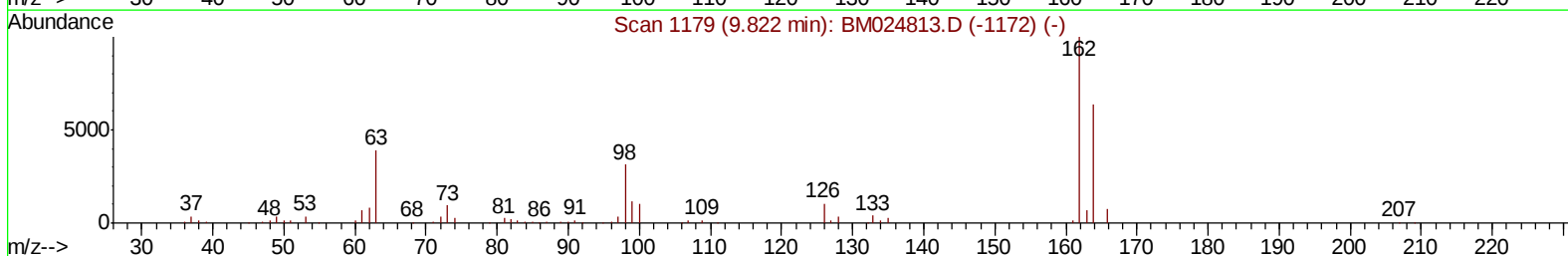
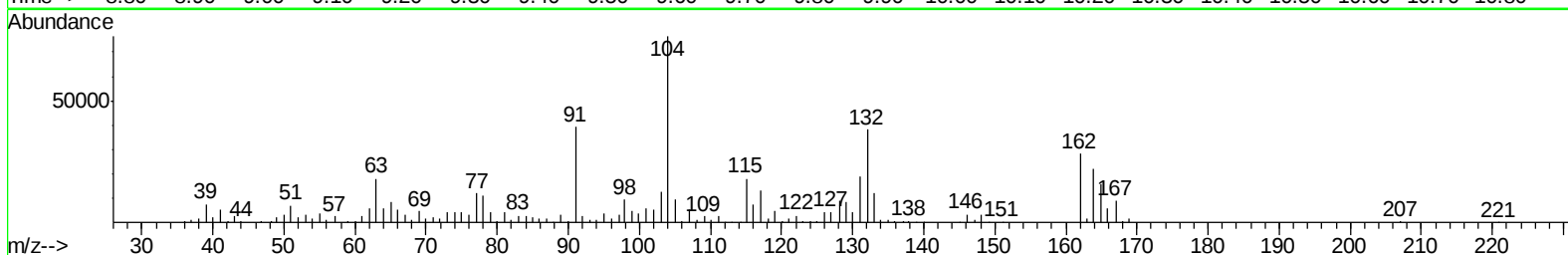
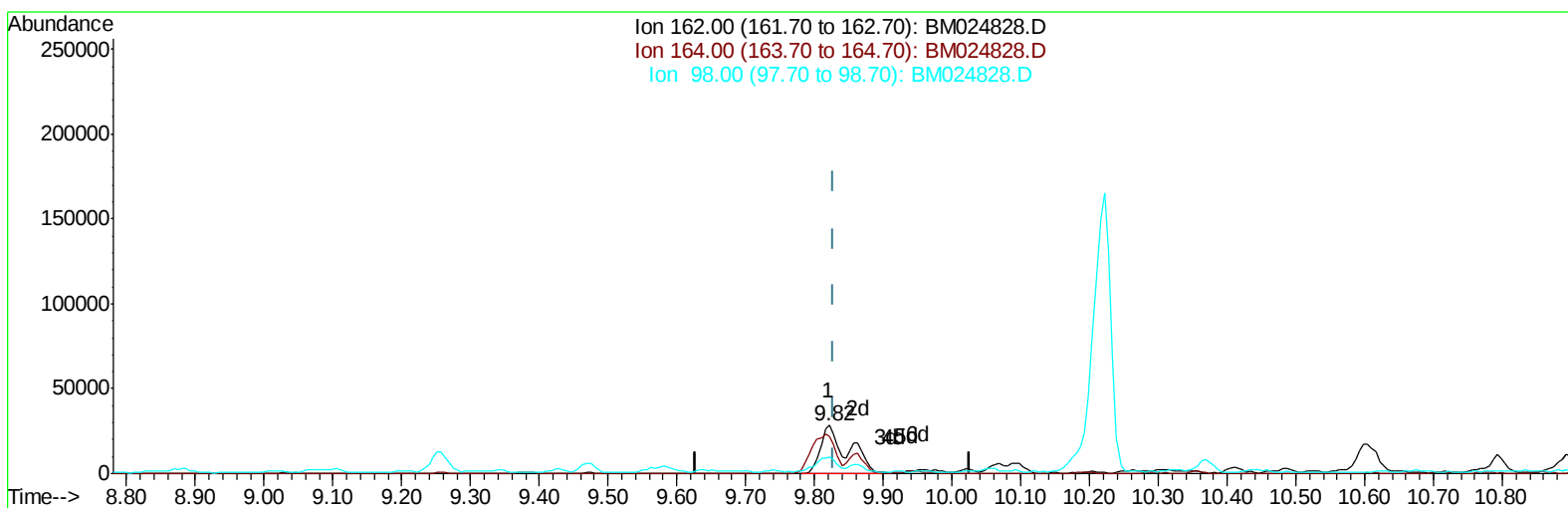
response 50371

Ion	Exp%	Act%
162.00	100	100
164.00	65.80	78.00
98.00	29.90	33.81
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024828.D
Acq On : 11 Feb 2020 03:05
Operator : CG/JU
Sample : L1424-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5B29

Quant Time: Feb 11 03:49:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration



TIC: BM024828.D

(27) 2,4-Dichlorophenol (C)

9.822min (-0.006) 4.44ng/ul m

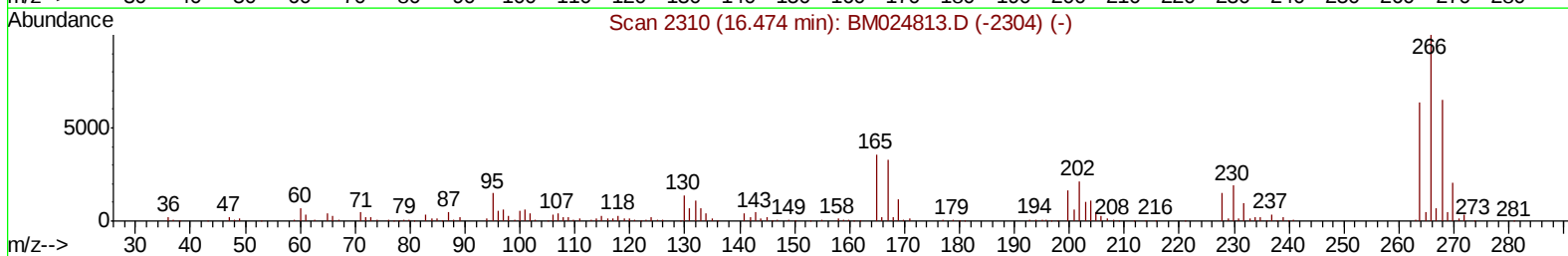
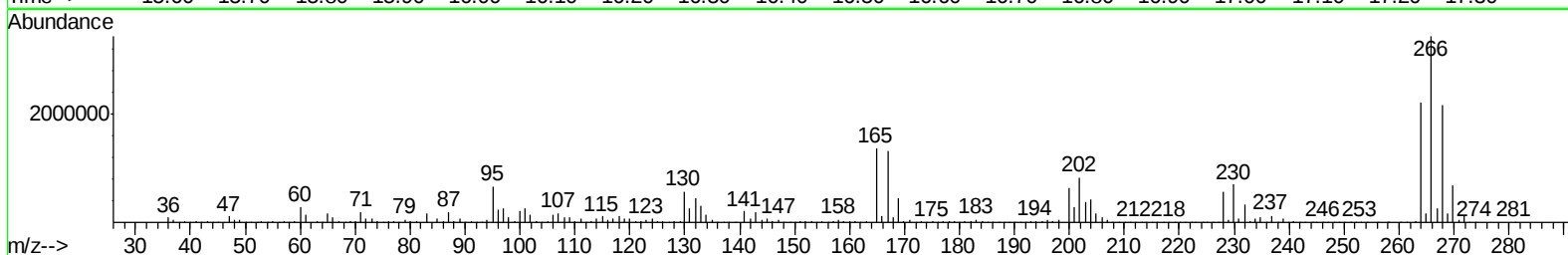
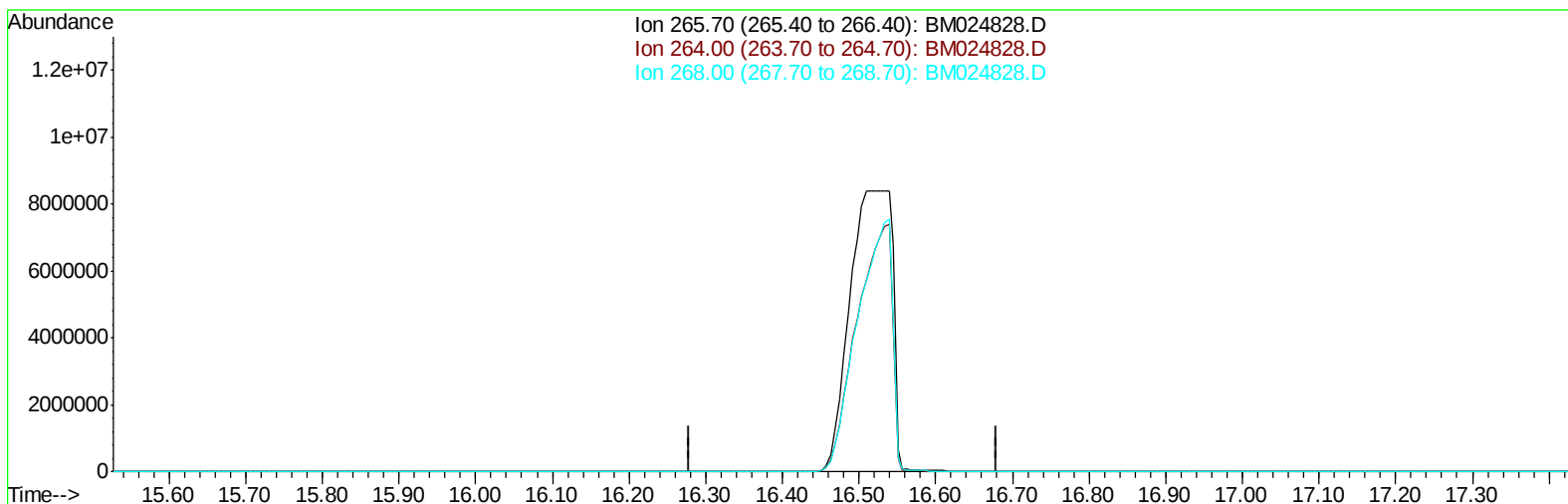
response 77549

Ion	Exp%	Act%
162.00	100	100
164.00	65.80	78.00
98.00	29.90	33.81
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024828.D
Acq On : 11 Feb 2020 03:05
Operator : CG/JU
Sample : L1424-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5B29

Quant Time: Feb 11 03:49:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration



TIC: BM024828.D

(69) Pentachlorophenol (C)

16.480min (-16.480) 0.00ng/ul

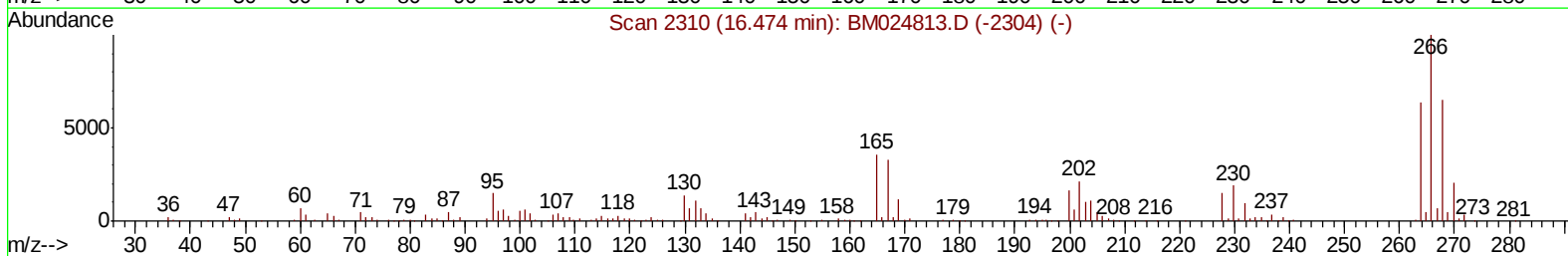
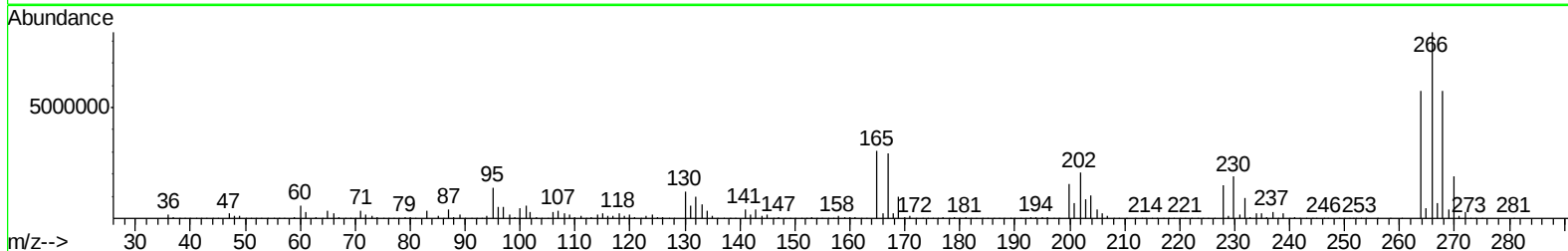
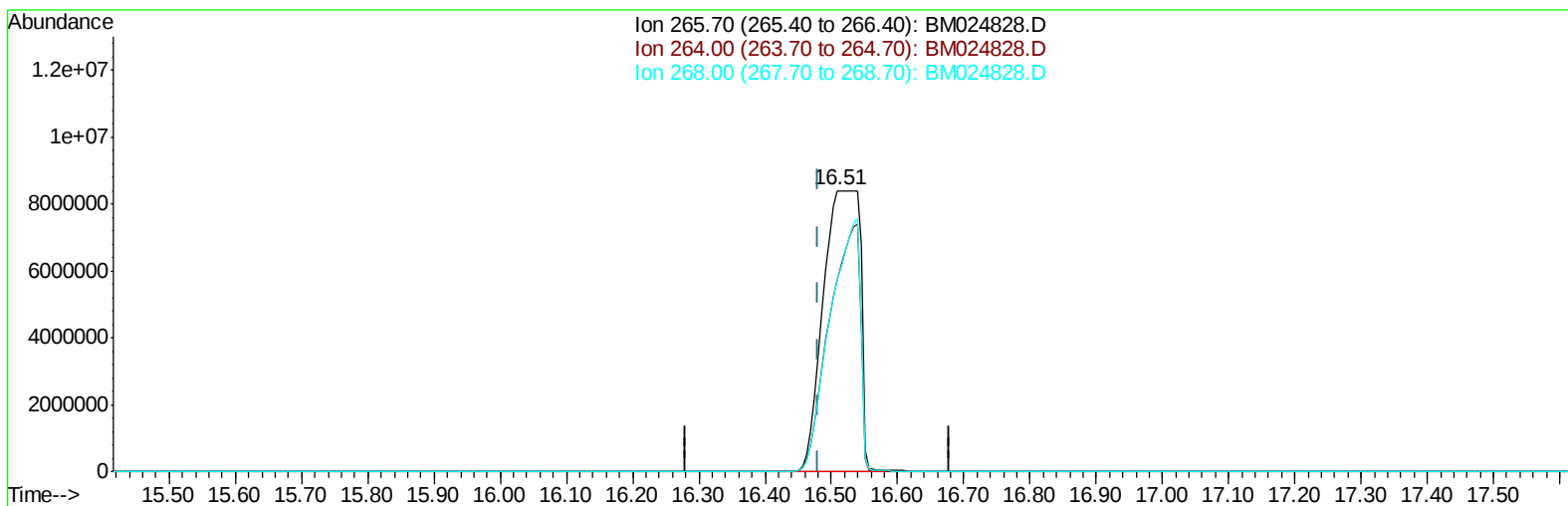
response 0

Ion	Exp%	Act%
265.70	100	0.00
264.00	62.50	0.00#
268.00	63.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024828.D
 Acq On : 11 Feb 2020 03:05
 Operator : CG/JU
 Sample : L1424-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5B29

Quant Time: Feb 11 03:49:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration



TIC: BM024828.D

(69) Pentachlorophenol (C)

16.510min (+0.030) 2736.19ng/ul m

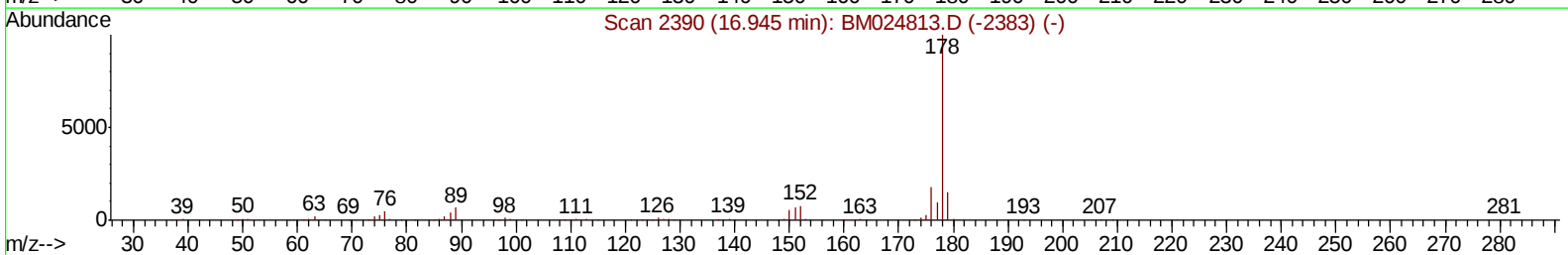
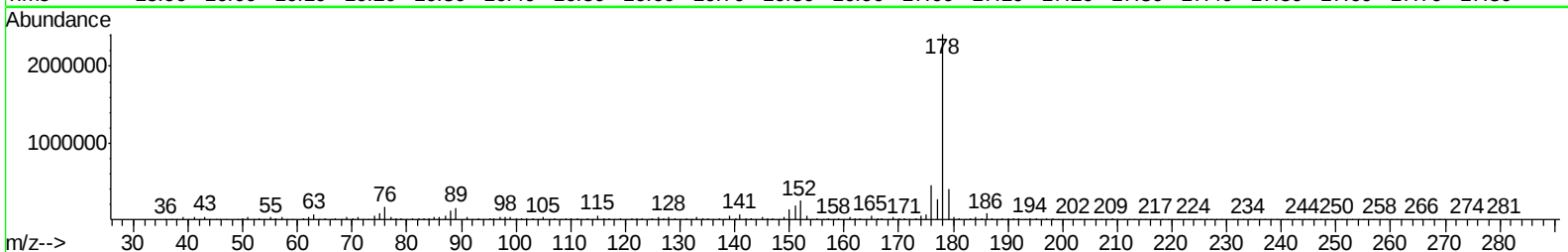
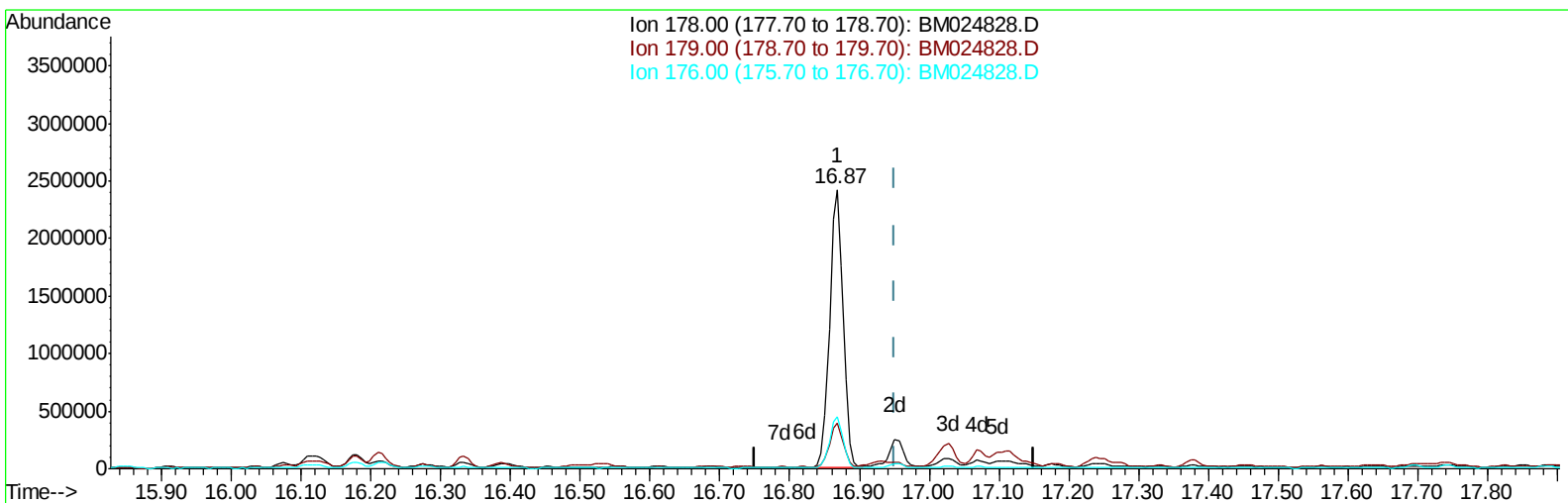
response 32298393

Ion	Exp%	Act%
265.70	100	100
264.00	62.50	68.20
268.00	63.00	68.34
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024828.D
Acq On : 11 Feb 2020 03:05
Operator : CG/JU
Sample : L1424-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5B29

Quant Time: Feb 11 05:41:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration



TIC: BM024828.D

(72) Anthracene

16.868min (-0.082) 43.74ng/ul

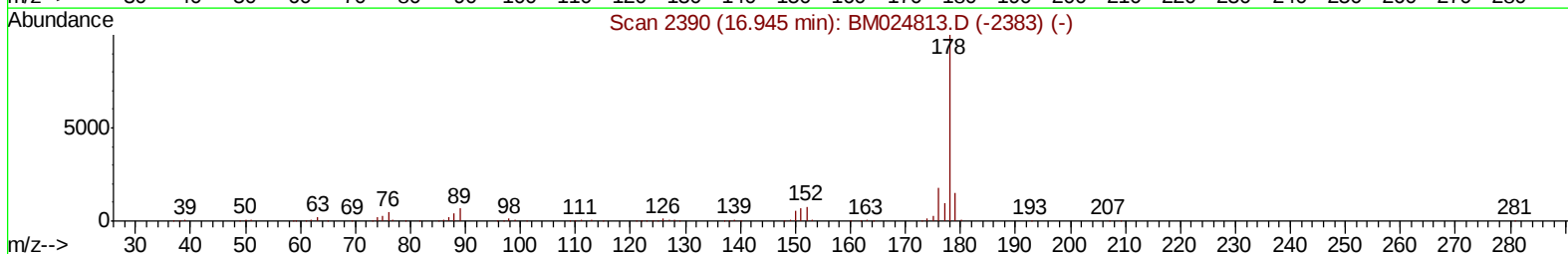
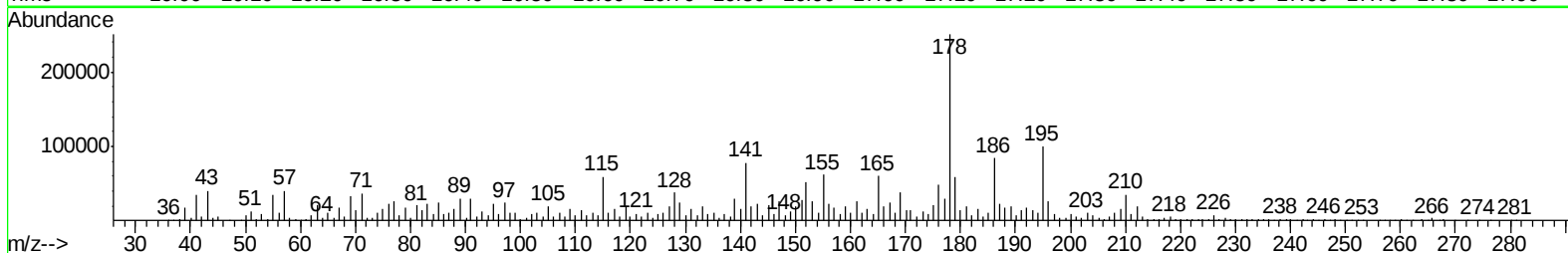
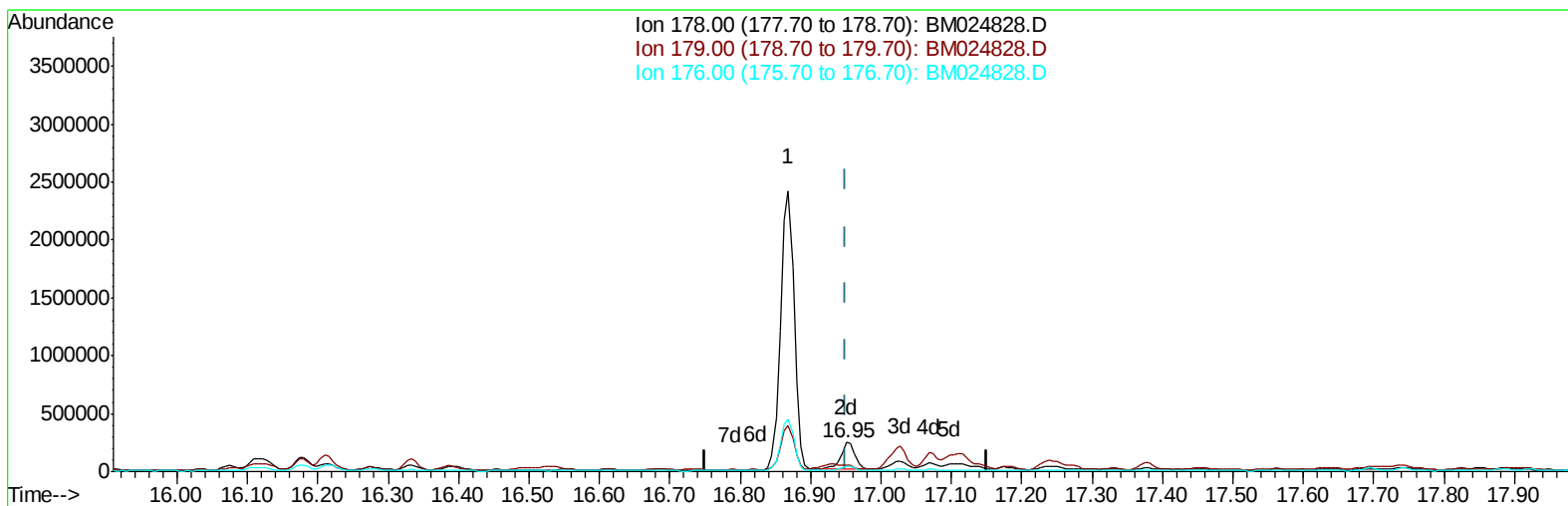
response 3221694

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	16.18
176.00	17.60	18.64
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024828.D
Acq On : 11 Feb 2020 03:05
Operator : CG/JU
Sample : L1424-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5B29

Quant Time: Feb 11 05:41:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
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TIC: BM024828.D

(72) Anthracene

16.951min (+0.000) 4.23ng/ul m

response 311297

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	23.59#
176.00	17.60	19.49
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
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 Operator : CG/JU
 Sample : L1424-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5B29

Quant Time: Feb 11 05:42:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	270960	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1024932	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	695520	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1332114	20.00	ng/ul	0.01
78) Chrysene-d12	21.02	240	1350376	20.00	ng/ul	-0.01
86) Perylene-d12	23.12	264	1425947	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	26905	4.78	ng/uL	0.00
5) Phenol-d5	6.60	99	139366	7.74	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	352543	34.68	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.94	132	451997	28.03	ng/ul	-0.01
13) 4-Methylphenol-d8	8.12	113	274124	18.05	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	300830	40.59	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	315683	36.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	560230	31.71	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.29	131	320883	19.42	ng/ul	-0.02
44) Dimethylphthalate-d6	13.49	166	1846538	35.17	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	2195477	35.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	80946	9.49	ng/ul	0.00
58) Fluorene-d10	15.06	176	1642210	35.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	1488032	171.37	ng/ul	0.02
71) Anthracene-d10	16.92	188	2448100	40.26	ng/ul	0.00
79) Pyrene-d10	19.22	212	2633531	38.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2915250	40.71	ng/ul	-0.01

Target Compounds

					Ovalue	
10) 2-Chlorophenol	6.97	128	17776	1.081	ng/ul	94
16) 4-Methylphenol	8.18	108	23896	1.505	ng/ul	96
27) 2,4-Dichlorophenol	9.82	162	77549m	4.445	ng/ul	
28) Naphthalene	10.22	128	16651767	317.977	ng/ul	95
34) 2-Methylnaphthalene	11.84	142	6489566	168.231	ng/ul	100
39) 2,4,6-Trichlorophenol	12.47	196	56040	3.702	ng/ul	92
40) 2,4,5-Trichlorophenol	12.54	196	766352	48.432	ng/ul	98
41) 1,1'-Biophenyl	12.88	154	1319349	25.696	ng/ul	99
45) Dimethylphthalate	13.53	163	69772	1.274	ng/ul#	82
48) Acenaphthylene	13.78	152	221251	3.484	ng/ul#	1
50) Acenaphthene	14.12	153	633445	14.769	ng/ul	98
54) Dibenzofuran	14.46	168	613226	9.592	ng/ul	89
55) 2,4-Dinitrotoluene	14.43	165	35130	2.223	ng/ul#	38
56) 2,3,4,6-Tetrachlorophenol	14.70	232	1598599	103.391	ng/ul#	99
59) Fluorene	15.12	166	954147	18.108	ng/ul#	94
69) Pentachlorophenol	16.51	266	32298393m	2736.193	ng/ul	
70) Phenanthrene	16.87	178	3221694	44.356	ng/ul	98
72) Anthracene	16.95	178	311297m	4.226	ng/ul	
77) Fluoranthene	18.89	202	207321	2.325	ng/ul#	94
80) Pyrene	19.24	202	318581	3.564	ng/ul#	97

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

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