

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051920\
 Data File : BM026033.D
 Acq On : 19 May 2020 22:40
 Operator : MA/SJ
 Sample : L2681-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 02:26:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 19 10:05:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	163842	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	683693	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	399685	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	843726	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	860651	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	893360	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	28026	5.16	ng/uL	0.00
5) Phenol-d5	6.69	99	107416	7.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	361883	35.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	316922	27.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	199201	17.78	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	195650	35.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	208320	37.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	350035	31.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	22981	2.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1118684	34.90	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1343236	35.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	30909	5.45	ng/ul	0.00
58) Fluorene-d10	15.14	176	958805	34.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	159417	32.40	ng/ul	0.00
71) Anthracene-d10	16.99	188	1440773	34.65	ng/ul	0.00
79) Pyrene-d10	19.29	212	1610608	36.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	1702009	35.79	ng/ul	0.00

Target Compounds

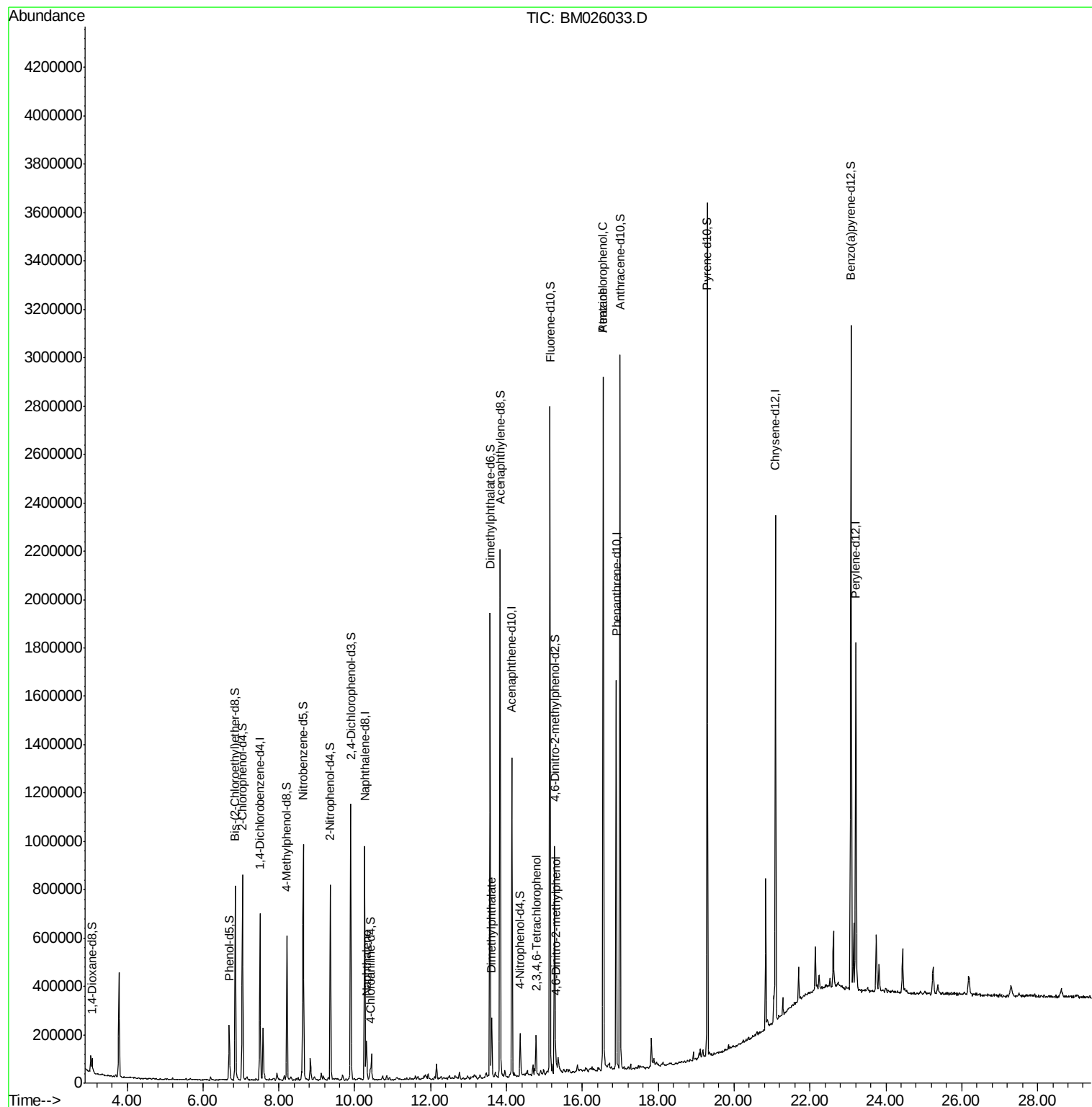
					Ovalue
28) Naphthalene	10.31	128	117164	2.803 ng/ul	97
45) Dimethylphthalate	13.62	163	133852	3.978 ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	14.78	232	25870	3.345 ng/ul#	94
64) 4,6-Dinitro-2-methylphenol	15.30	198	10898	2.104 ng/ul#	81
68) Atrazine	16.55	200	68965	7.447 ng/ul#	36
69) Pentachlorophenol	16.56	266	435842	71.634 ng/ul	99

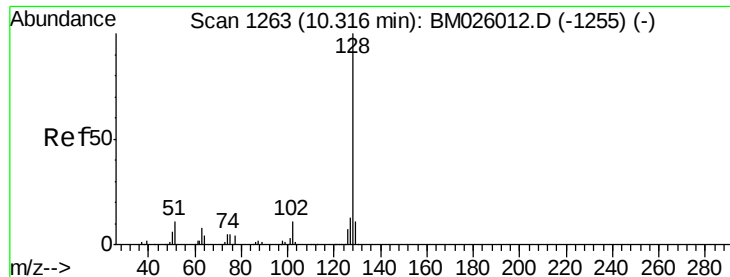
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 2.803 ng/ul

RT: 10.31 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM026033.D

Acq: 19 May 2020 22:40

Instrument :

BNA_M

ClientSampleId :

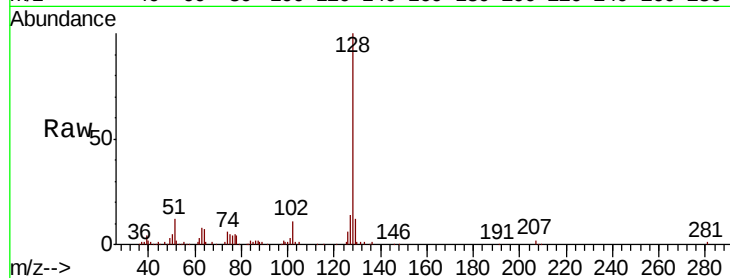
Tot Ion:128 Resp: 117164

Ion Ratio Lower Upper

128 100

129 12.2 9.0 13.4

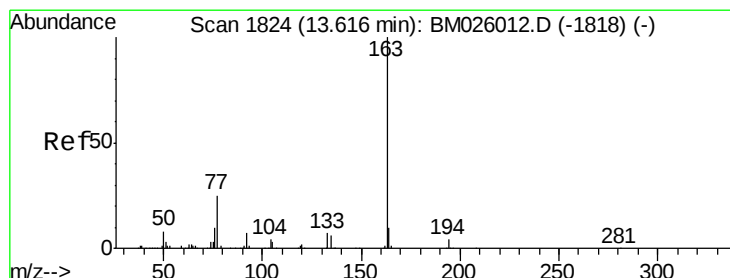
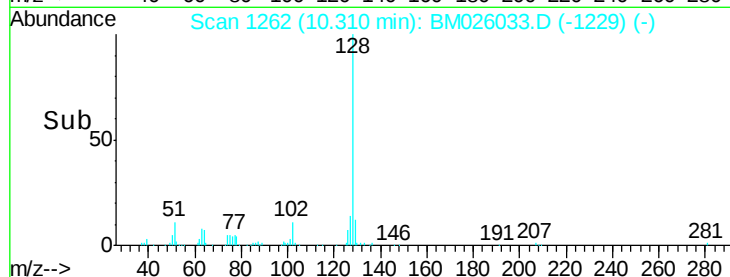
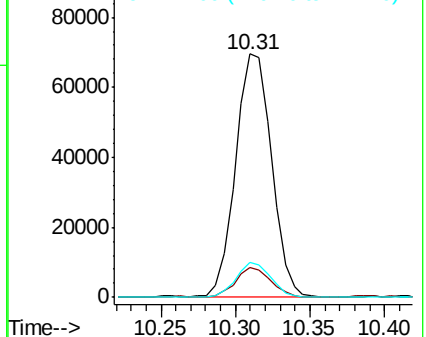
127 14.4 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#45

Dimethylphthalate

Concen: 3.978 ng/ul

RT: 13.62 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BM026033.D

Acq: 19 May 2020 22:40

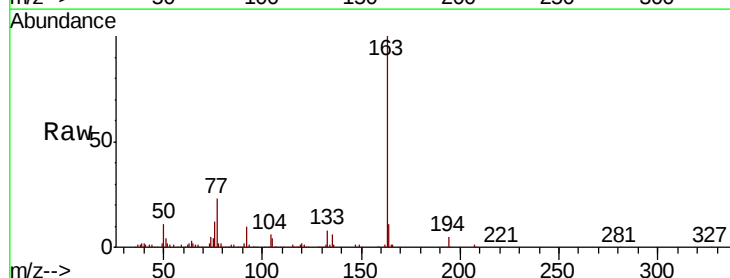
Tgt Ion:163 Resp: 133852

Ion Ratio Lower Upper

163 100

194 4.9 3.2 4.8#

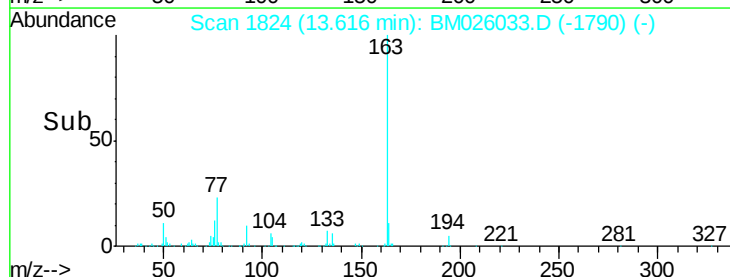
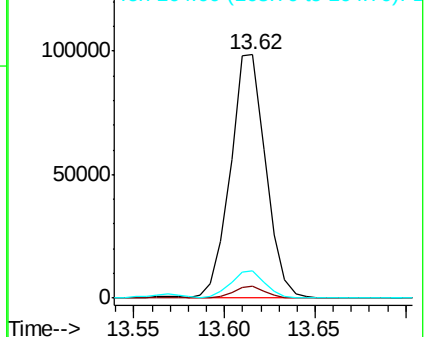
164 11.2 8.0 12.0

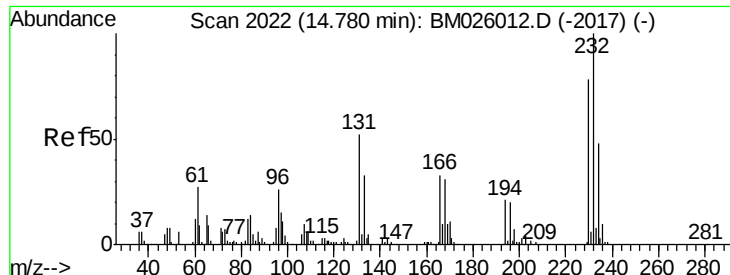


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

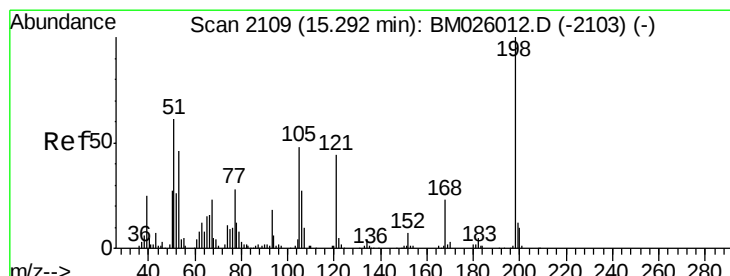
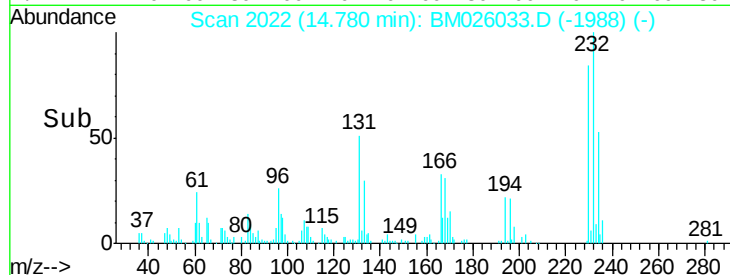
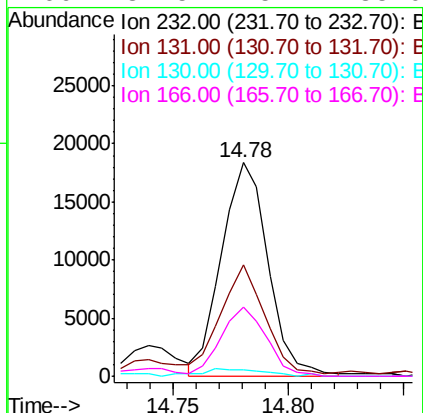
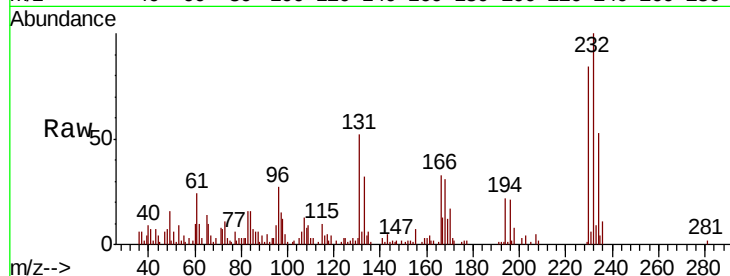




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.345 ng/ul
 RT: 14.78 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BM026033.D
 Acq: 19 May 2020 22:40

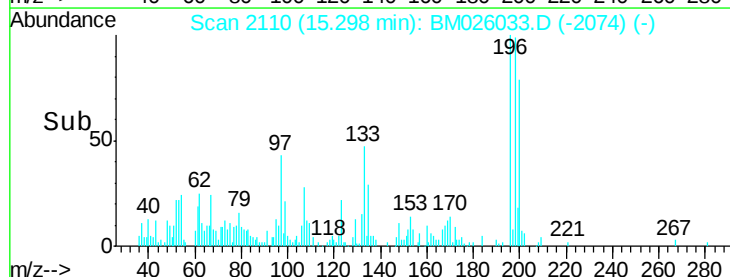
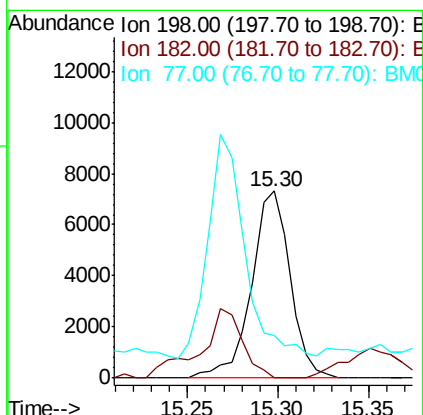
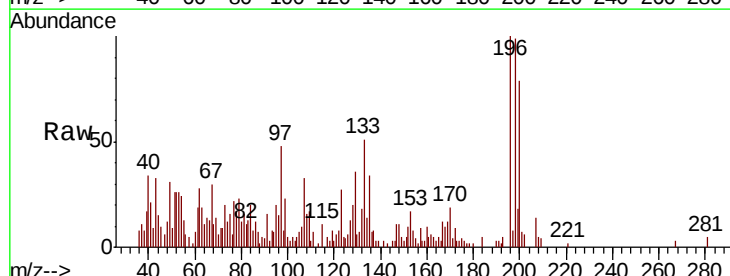
Instrument :
 BNA_M
 ClientSampled :

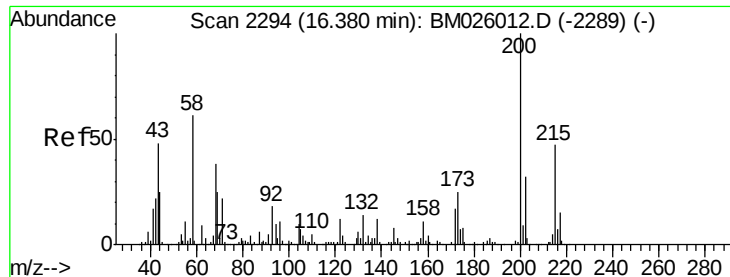
Tot Ion:232 Resp: 25870
 Ion Ratio Lower Upper
 232 100
 131 52.1 37.0 55.4
 130 2.9 1.8 2.8#
 166 32.5 25.4 38.0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.104 ng/ul
 RT: 15.30 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BM026033.D
 Acq: 19 May 2020 22:40

Tgt Ion:198 Resp: 10898
 Ion Ratio Lower Upper
 198 100
 182 0.0 3.8 5.8#
 77 22.7 27.0 40.4#





#68

Atrazine

Concen: 7.447 ng/ul

RT: 16.55 min Scan# 2323

Delta R.T. 0.17 min

Lab File: BM026033.D

Acq: 19 May 2020 22:40

Instrument :

BNA_M

ClientSampleId :

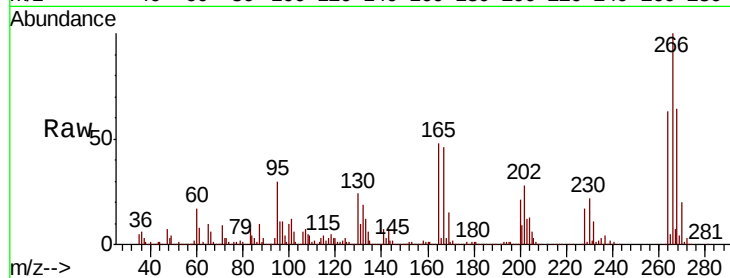
Tot Ion:200 Resp: 68965

Ion Ratio Lower Upper

200 100

173 0.5 20.9 31.3#

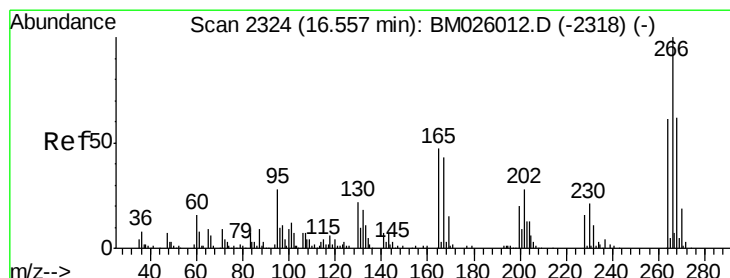
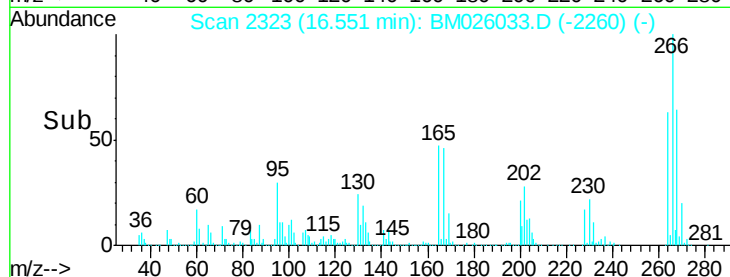
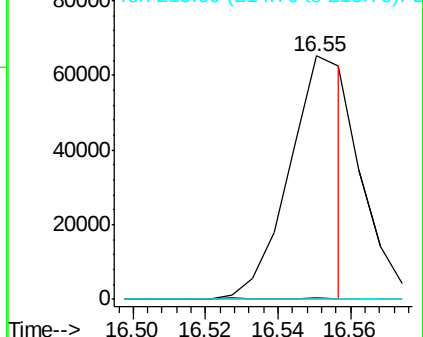
215 0.0 38.4 57.6#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 71.634 ng/ul

RT: 16.56 min Scan# 2324

Delta R.T. 0.01 min

Lab File: BM026033.D

Acq: 19 May 2020 22:40

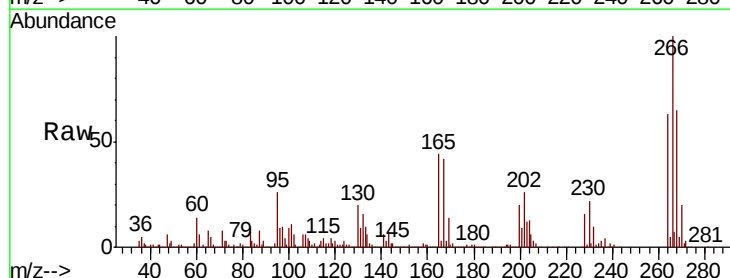
Tgt Ion:266 Resp: 435842

Ion Ratio Lower Upper

266 100

264 62.9 49.3 73.9

268 64.9 52.4 78.6



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

