

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051920\
 Data File : BM026031.D
 Acq On : 19 May 2020 21:28
 Operator : MA/SJ
 Sample : L2681-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 02:25:45 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	184984	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	765909	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	452682	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	920579	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	950569	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	972059	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	33581	5.48	ng/uL	0.00
5) Phenol-d5	6.69	99	125951	7.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	389249	33.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	344790	26.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	228036	18.03	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	210932	33.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	226477	36.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	373041	30.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	5962	0.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1237320	34.08	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1438016	33.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	44684	6.95	ng/ul	0.00
58) Fluorene-d10	15.14	176	1051348	33.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	233998	43.59	ng/ul	0.00
71) Anthracene-d10	17.00	188	1611353	35.52	ng/ul	0.00
79) Pyrene-d10	19.29	212	1780080	36.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1868077	36.11	ng/ul	0.00

Target Compounds

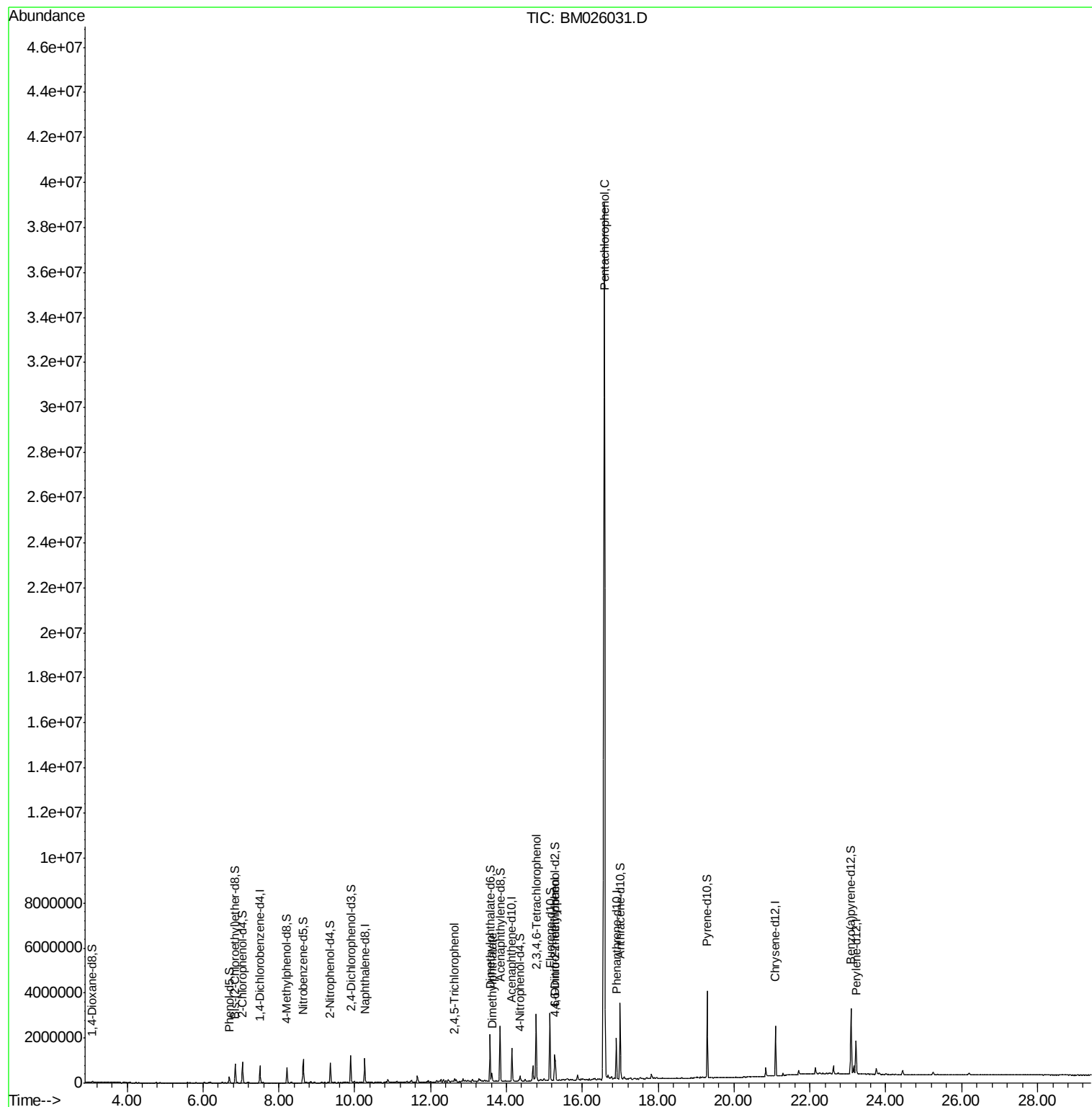
					Ovalue	
40) 2,4,5-Trichlorophenol	12.63	196	12779	1.227	ng/ul	91
45) Dimethylphthalate	13.62	163	198614	5.211	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.78	232	505484	57.705	ng/ul#	95
64) 4,6-Dinitro-2-methylphenol	15.29	198	140520	24.866	ng/ul#	53
69) Pentachlorophenol	16.59	266	11182478	1684.490	ng/ul	98

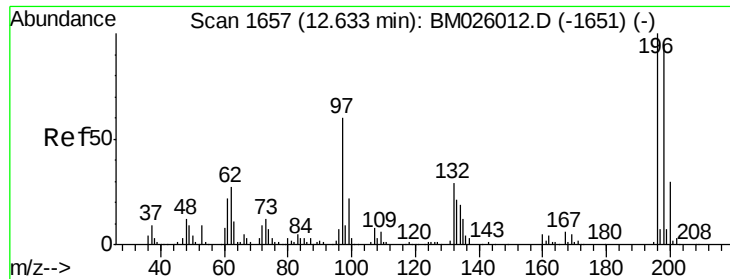
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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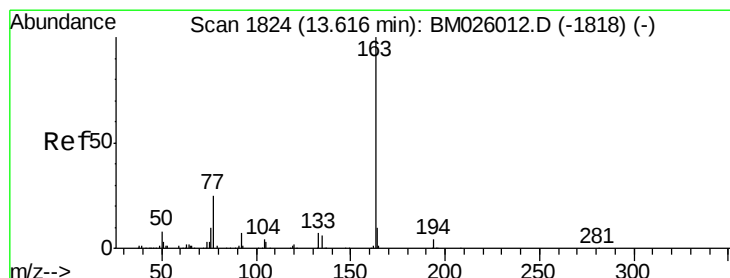
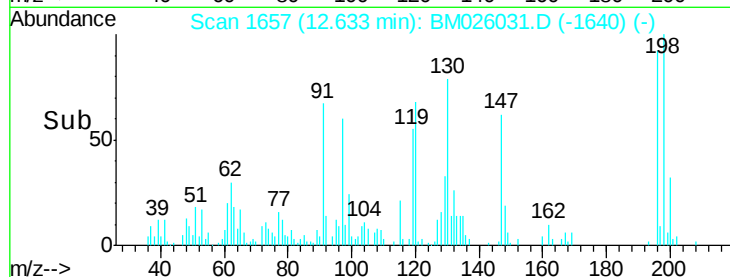
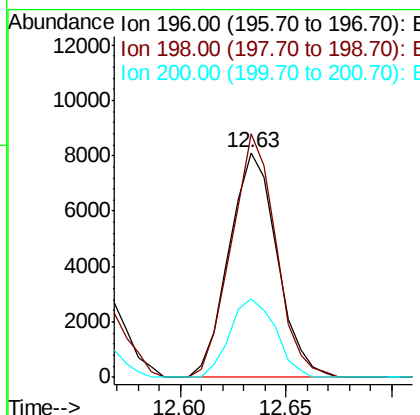
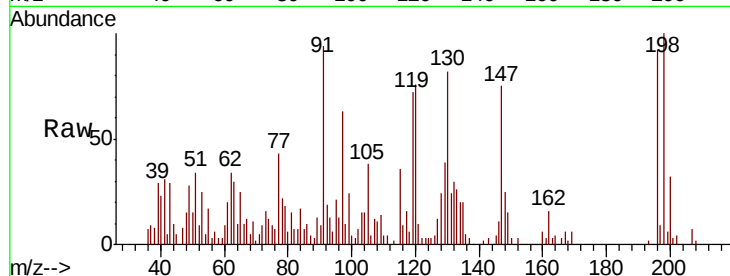




#40
 2,4,5-Trichlorophenol
 Concen: 1.227 ng/ul
 RT: 12.63 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BM026031.D
 Acq: 19 May 2020 21:28

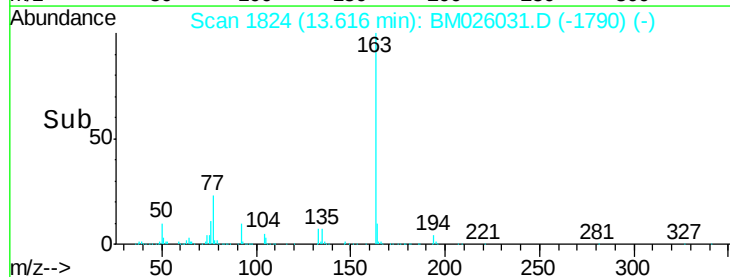
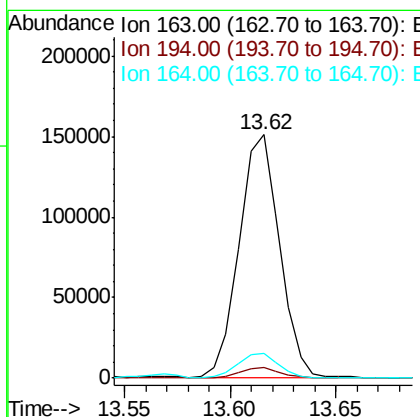
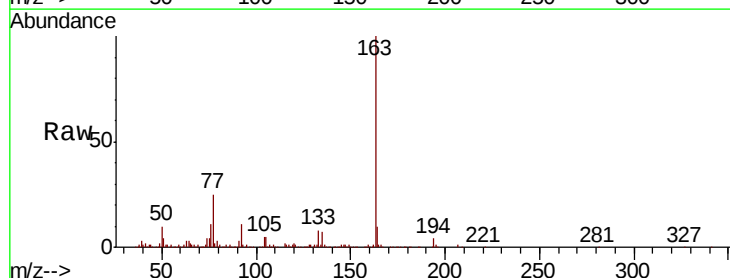
Instrument :
 BNA_M
 ClientSampled :

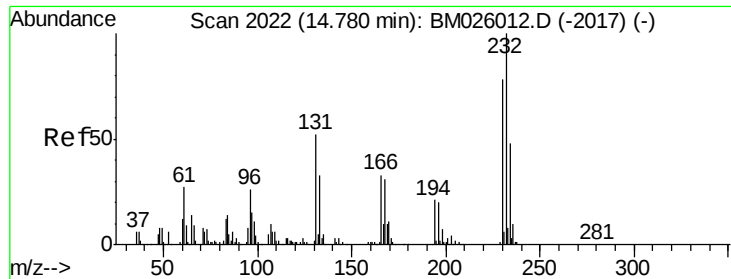
Tot Ion:196 Resp: 12779
 Ion Ratio Lower Upper
 196 100
 198 108.5 79.0 118.6
 200 34.7 25.0 37.4



#45
 Dimethylphthalate
 Concen: 5.211 ng/ul
 RT: 13.62 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BM026031.D
 Acq: 19 May 2020 21:28

Tgt Ion:163 Resp: 198614
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.2 4.8
 164 10.3 8.0 12.0





#56

2,3,4,6-Tetrachlorophenol

Concen: 57.705 ng/ul

RT: 14.78 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BM026031.D

Acq: 19 May 2020 21:28

Instrument :

BNA_M

ClientSampled :

Tot Ion:232 Resp: 505484

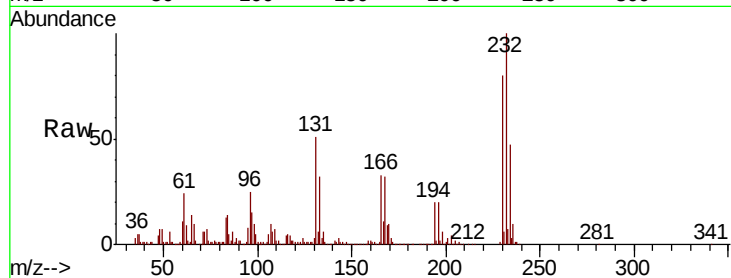
Ion Ratio Lower Upper

232 100

131 51.2 37.0 55.4

130 2.9 1.8 2.8#

166 32.7 25.4 38.0

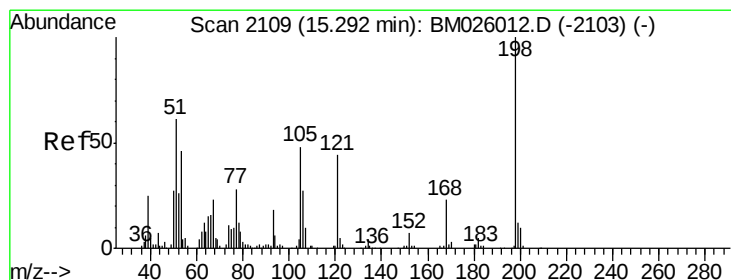
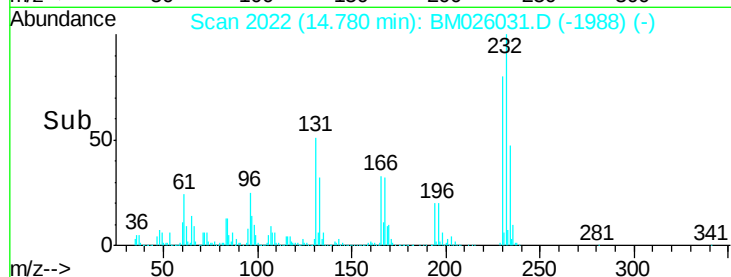
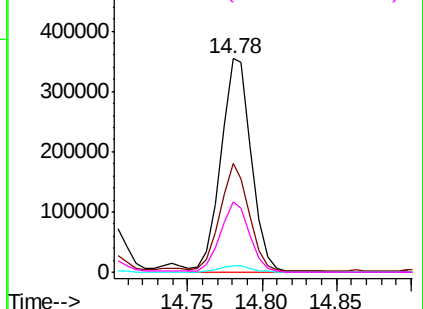


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 24.866 ng/ul

RT: 15.29 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BM026031.D

Acq: 19 May 2020 21:28

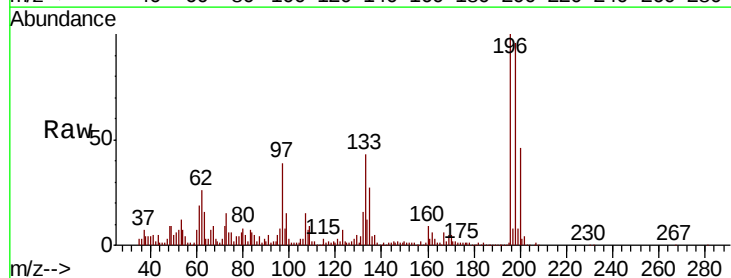
Tgt Ion:198 Resp: 140520

Ion Ratio Lower Upper

198 100

182 0.6 3.8 5.8#

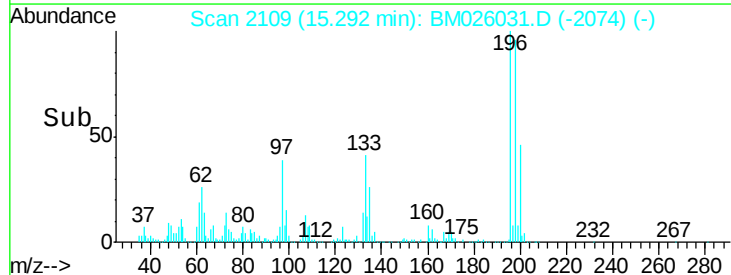
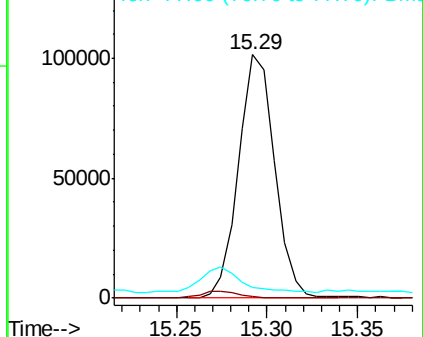
77 4.2 27.0 40.4#

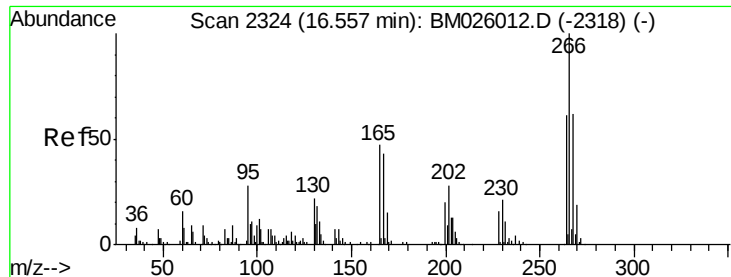


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM

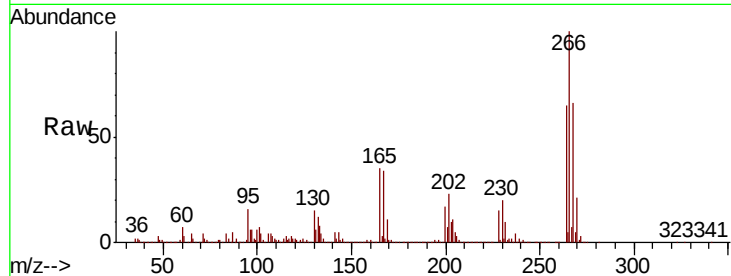




#69
 Pentachlorophenol
 Concen: 1684.490 ng/ul
 RT: 16.59 min Scan# 2330
 Delta R.T. 0.04 min
 Lab File: BM026031.D
 Acq: 19 May 2020 21:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp:11182478
 Ion Ratio Lower Upper
 266 100
 264 64.7 49.3 73.9
 268 65.8 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

