

Data File : BN009902.D
Acq On : 25 Feb 2020 15:41
Operator : CG/JU
Sample : L1418-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EO-O1-122719

Quant Time: Feb 26 07:09:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:04:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	89271	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	368237	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	234518	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	515031	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	543083	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	574373	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	5325	2.45	ng/uL	0.00
5) Phenol-d5	6.59	99	90138	11.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	69015	13.17	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	72370	12.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	73331	12.14	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	33110	12.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	34790	11.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	71653	12.65	ng/ul	0.01
29) 4-Chloroaniline-d4	10.30	131	66518	10.45	ng/ul	0.01
44) Dimethylphthalate-d6	13.45	166	247939	14.15	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	292502	14.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	29280	9.15	ng/ul	0.01
58) Fluorene-d10	15.03	176	227270	15.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	29331	9.17	ng/ul	0.00
71) Anthracene-d10	16.88	188	359585	15.23	ng/ul	0.00
79) Pyrene-d10	19.19	212	428155	15.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	422521	14.73	ng/ul	0.00

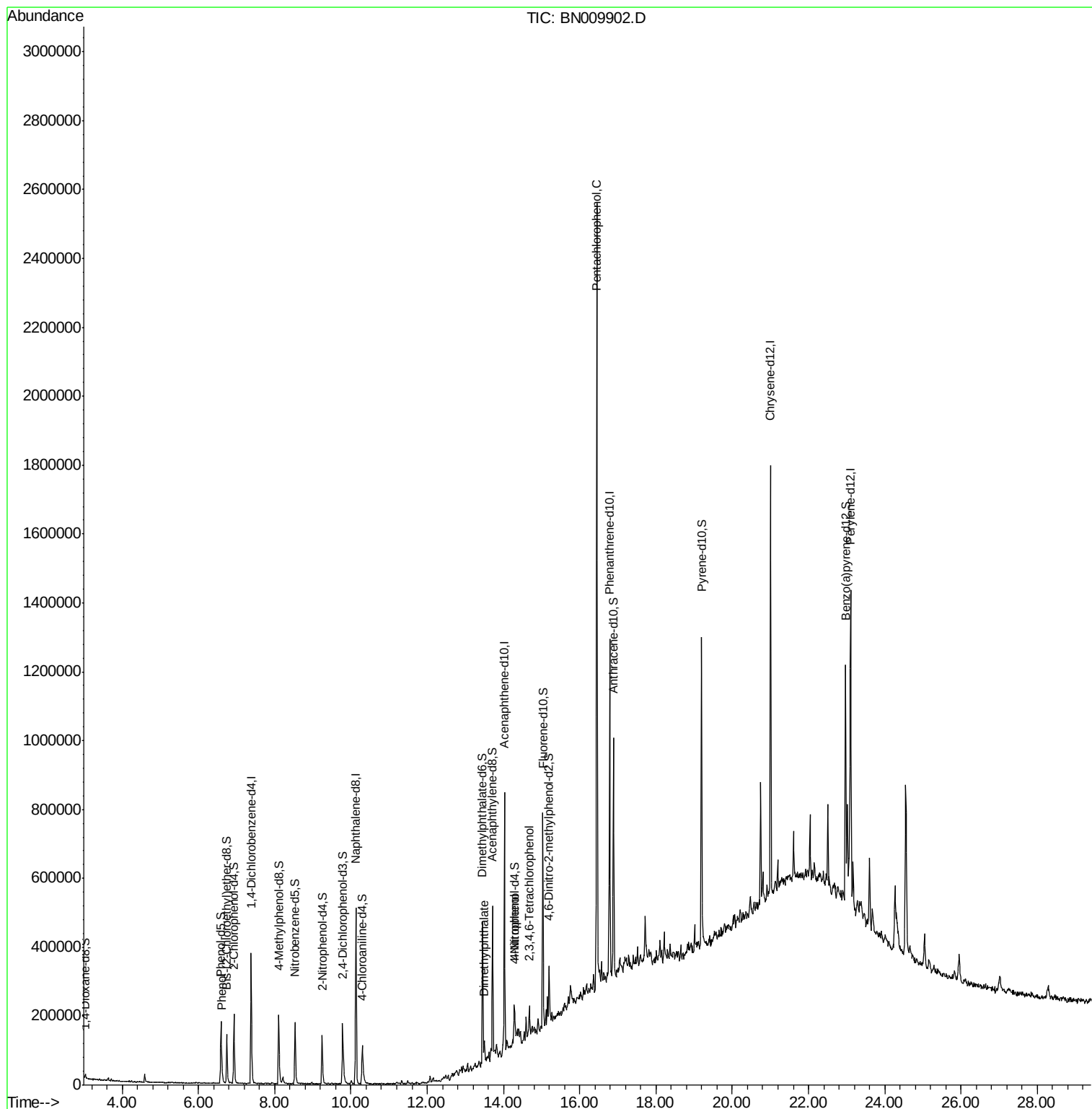
Target Compounds				Qvalue		
6) Phenol	6.62	94	9817	1.206	ng/ul#	89
45) Dimethylphthalate	13.50	163	29747	1.627	ng/ul#	92
53) 4-Nitrophenol	14.30	109	3682	1.275	ng/ul#	15
56) 2,3,4,6-Tetrachlorophenol	14.68	232	15559	3.823	ng/ul	97
69) Pentachlorophenol	16.45	266	337707	102.475	ng/ul	96

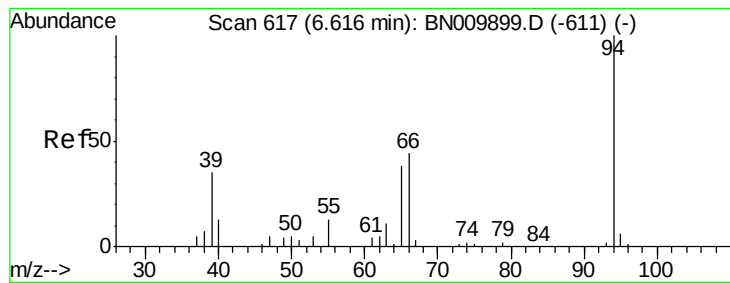
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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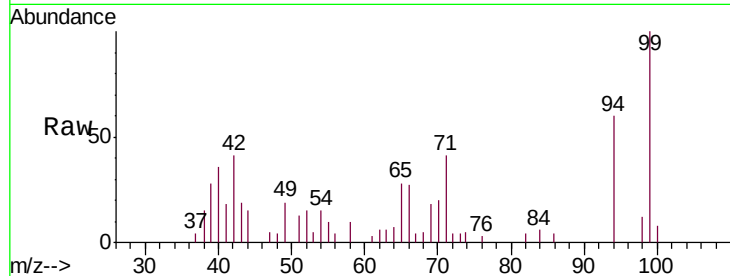
#6

Phenol

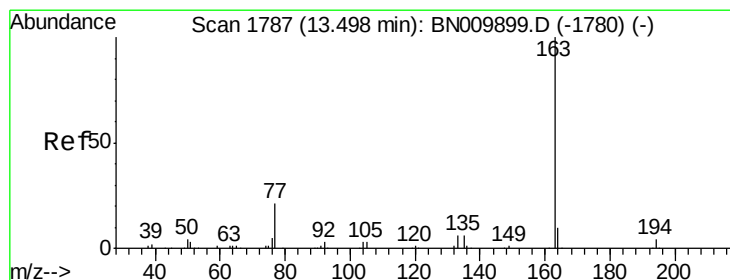
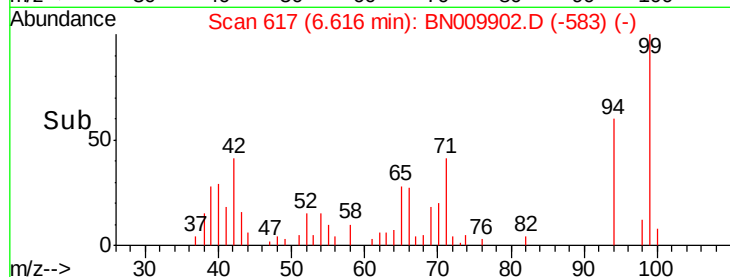
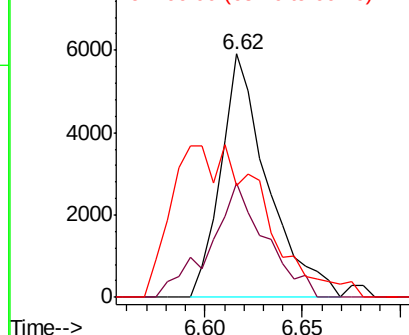
Concen: 1.206 ng/ul
 RT: 6.62 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BN009902.D
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Instrument :
 BNA_N
 ClientSampleId :
 EO-O1-122719

Tgt Ion: 94 Resp: 9817
 Ion Ratio Lower Upper
 94 100
 65 46.8 27.6 41.4#
 66 45.7 38.5 57.7



Abundance Ion 94.00 (93.70 to 94.70): BN0
 Ion 65.00 (64.70 to 65.70): BN0
 Ion 66.00 (65.70 to 66.70): BN0

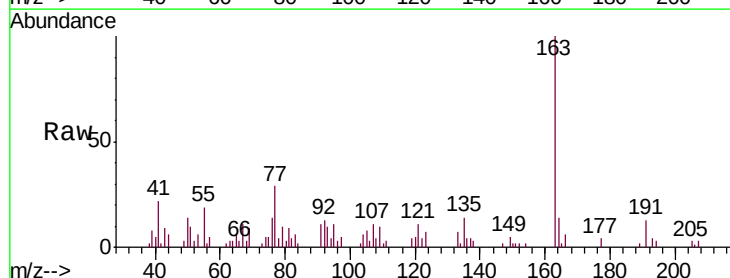


#45

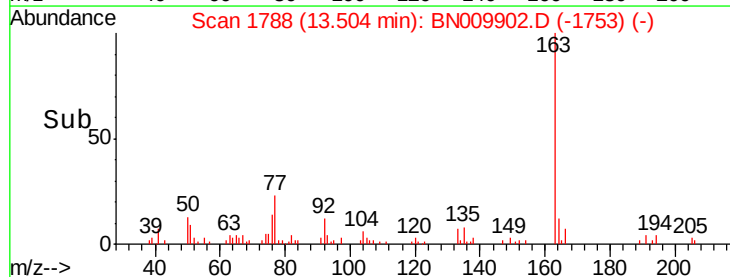
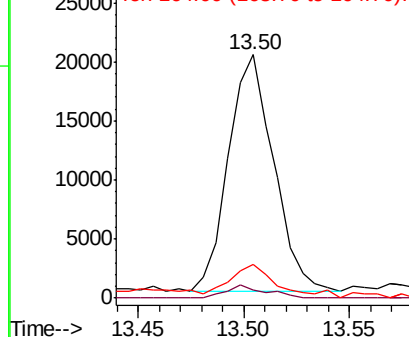
Dimethylphthalate

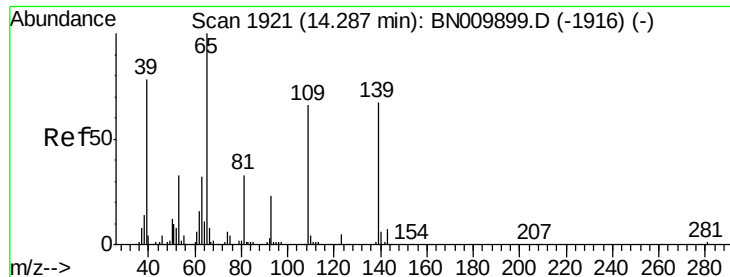
Concen: 1.627 ng/ul
 RT: 13.50 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BN009902.D
 Acq: 25 Feb 2020 15:41

Tgt Ion: 163 Resp: 29747
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.4 5.0
 164 13.6 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





#53

4-Nitrophenol

Concen: 1.275 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BN009902.D

Acq: 25 Feb 2020 15:41

Instrument :

BNA_N

ClientSampleId :

EO-O1-122719

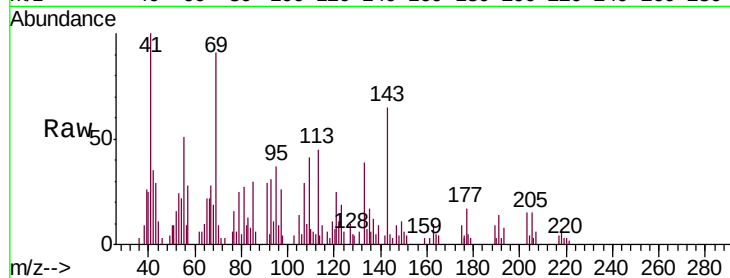
Tgt Ion:109 Resp: 3682

Ion Ratio Lower Upper

109 100

139 22.5 96.3 144.5#

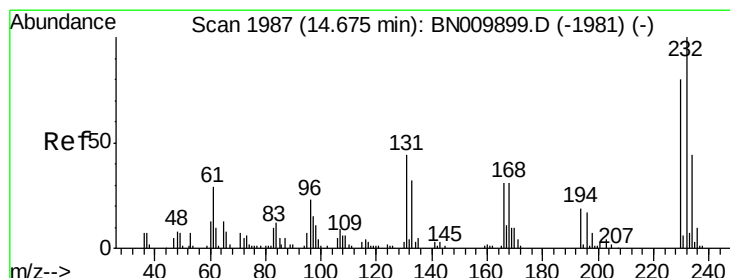
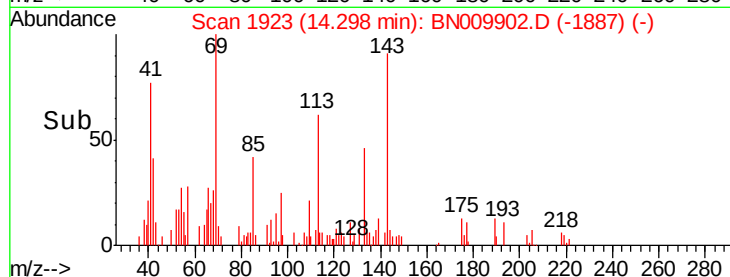
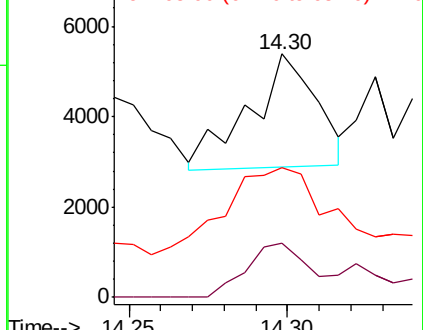
65 53.1 129.9 194.9#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC



#56

2,3,4,6-Tetrachlorophenol

Concen: 3.823 ng/ul

RT: 14.68 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BN009902.D

Acq: 25 Feb 2020 15:41

Tgt Ion:232 Resp: 15559

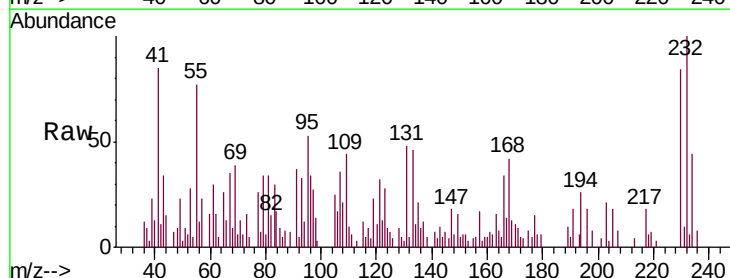
Ion Ratio Lower Upper

232 100

131 47.9 40.6 60.8

130 3.3 2.2 3.4

166 33.9 26.6 39.8

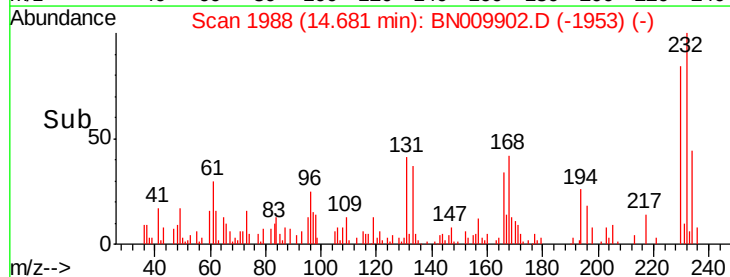
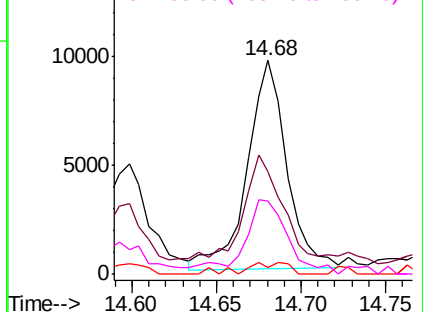


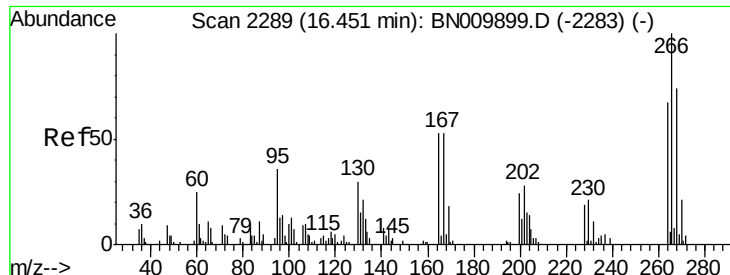
Abundance Ion 232.00 (231.70 to 232.70): E

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





#69

Pentachlorophenol

Concen: 102.475 ng/ul

RT: 16.45 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BN009902.D

Acq: 25 Feb 2020 15:41

Instrument :

BNA_N

ClientSampleId :

EO-O1-122719

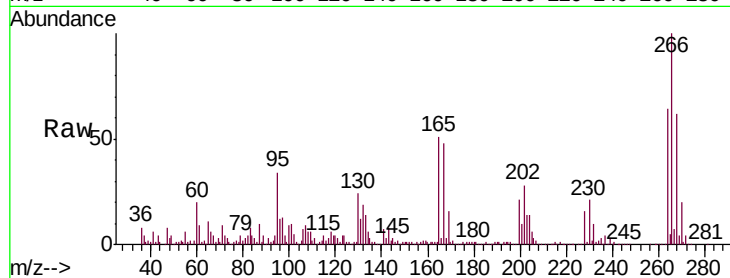
Tgt Ion:266 Resp: 337707

Ion Ratio Lower Upper

266 100

264 63.6 52.9 79.3

268 62.0 52.5 78.7



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

