

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
 Data File : BN002248.D
 Acq On : 08 Aug 2018 13:00
 Operator : JU/SJ
 Sample : J4268-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 09 02:17:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 09 02:16:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	213045	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	866603	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	429919	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	837413	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	813523	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	845887	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	8605	1.82	ng/uL	0.00
5) Phenol-d5	6.86	99	201637	10.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	200973	16.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	214366	13.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	148691	9.20	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	122248	17.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	98255	12.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	167405	11.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	90779	5.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	522025	14.32	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	810907	17.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	5206	0.75	ng/ul	0.03
57) Fluorene-d10	15.32	176	524550	16.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	12473	2.29	ng/ul	0.00
70) Anthracene-d10	17.16	188	735706	18.02	ng/ul	0.00
78) Pyrene-d10	19.46	212	770709	18.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	780556	17.09	ng/ul	0.00

Target Compounds

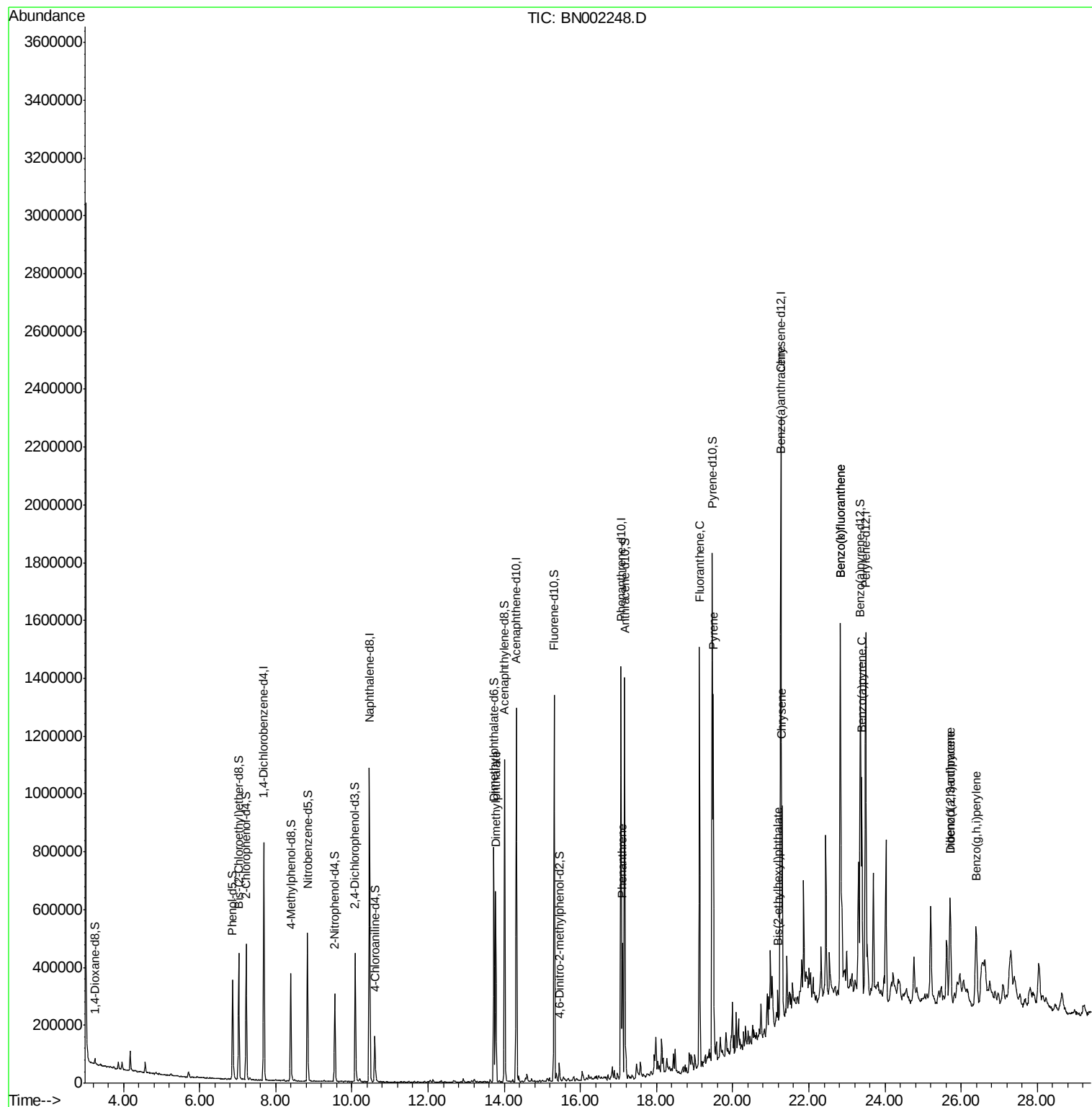
					Ovalue	
44) Dimethylphthalate	13.77	163	412808	11.565	ng/ul	100
69) Phenanthrene	17.10	178	278246	5.917	ng/ul	98
76) Fluoranthene	19.13	202	848872	17.009	ng/ul	99
79) Pyrene	19.49	202	727195	13.930	ng/ul	99
82) Benzo(a)anthracene	21.25	228	368962	7.120	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.19	149	35564	1.013	ng/ul#	94
84) Chrysene	21.30	228	455792	9.438	ng/ul	99
87) Benzo(b)fluoranthene	22.83	252	675296	12.971	ng/ul	97
88) Benzo(k)fluoranthene	22.83	252	675296	13.653	ng/ul#	97
90) Benzo(a)pyrene	23.39	252	424369	8.579	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.71	276	326232	5.705	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.72	278	78241	1.635	ng/ul	97
93) Benzo(g,h,i)perylene	26.39	276	314815	6.552	ng/ul	97

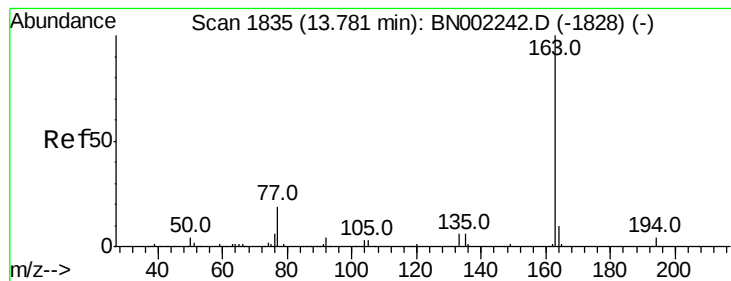
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 09 02:16:22 2018
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 11.565 ng/ul

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN002248.D

Acq: 08 Aug 2018 13:00

Instrument :

BNA_E

ClientSampleId :

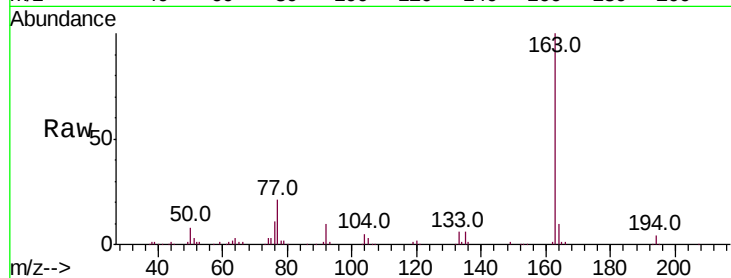
Tot Ion:163 Resp: 412808

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

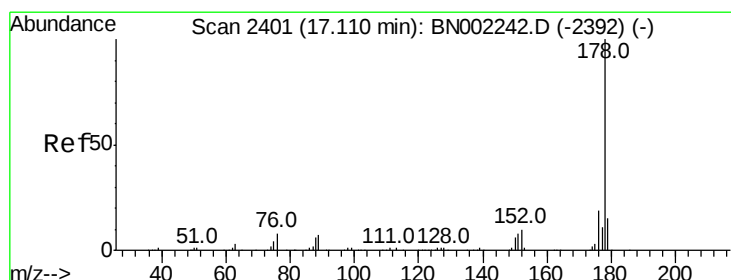
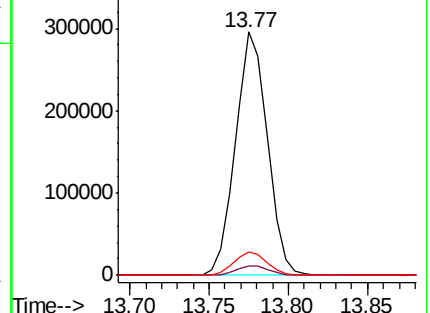
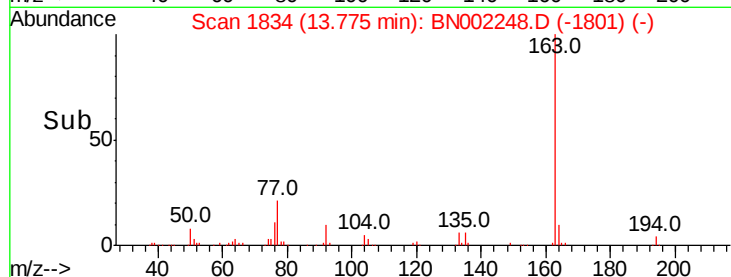
164 9.7 7.8 11.8



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



#69

Phenanthrene

Concen: 5.917 ng/ul

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BN002248.D

Acq: 08 Aug 2018 13:00

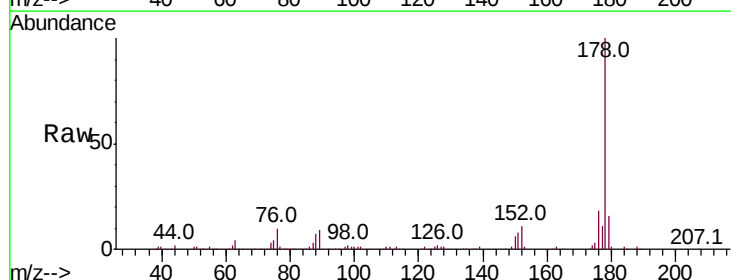
Tgt Ion:178 Resp: 278246

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

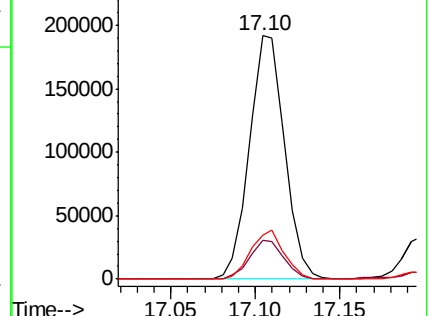
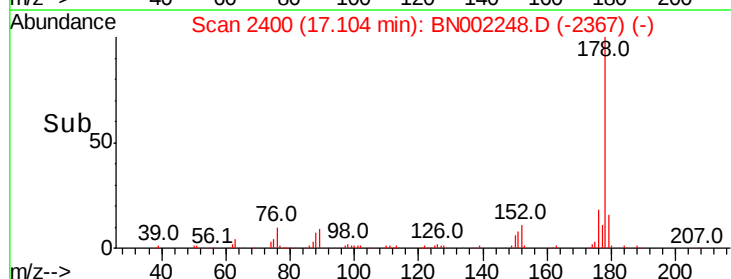
176 18.3 15.6 23.4

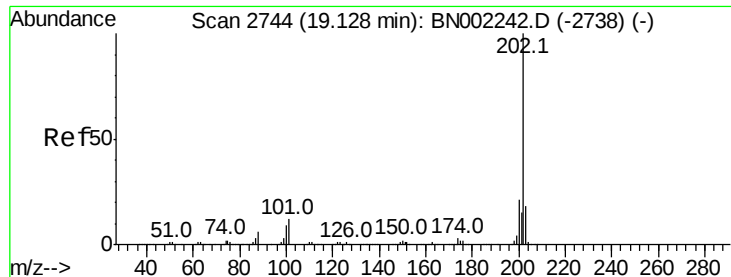


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

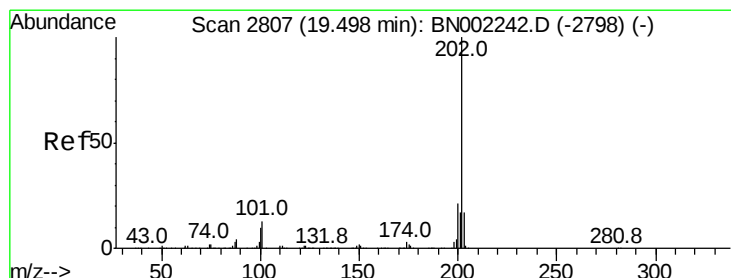
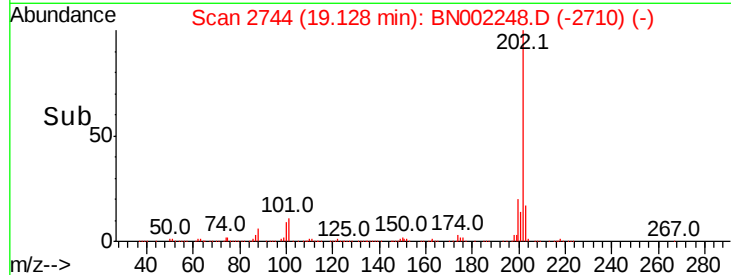
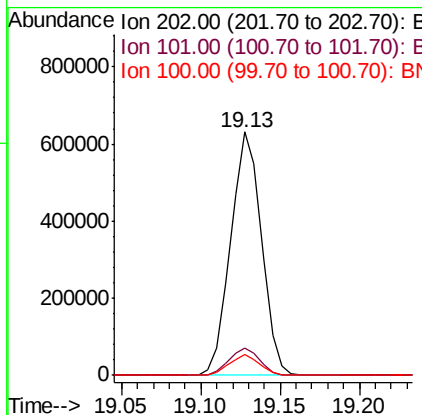
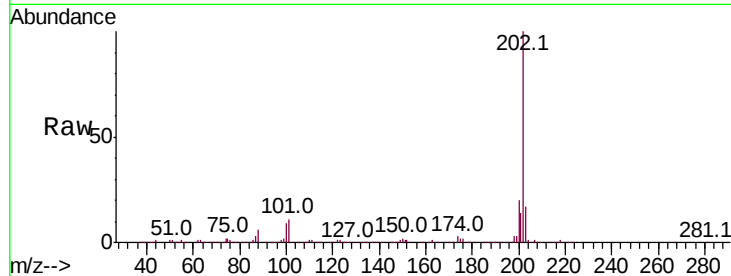




#76
 Fluoranthene
 Concen: 17.009 ng/ul
 RT: 19.13 min Scan# 2744
 Delta R.T. -0.00 min
 Lab File: BN002248.D
 Acq: 08 Aug 2018 13:00

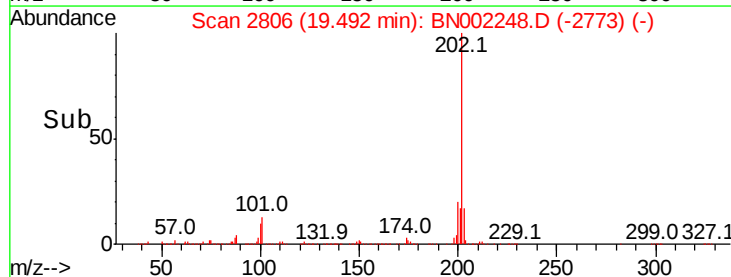
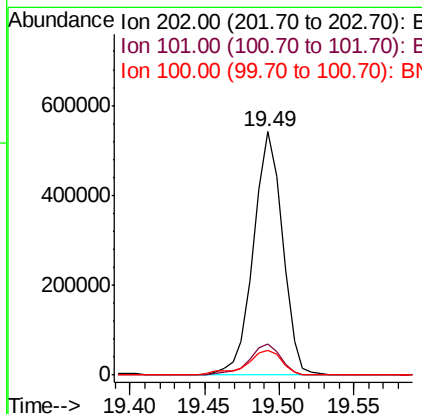
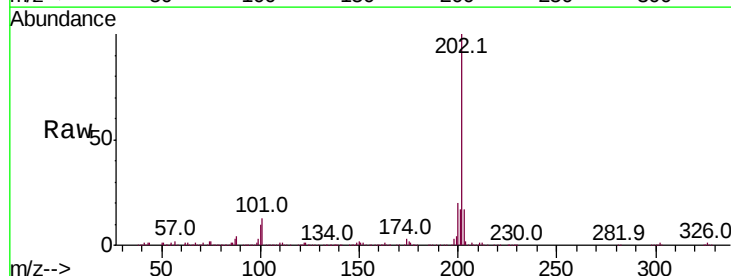
Instrument :
 BNA_E
 ClientSampleId :

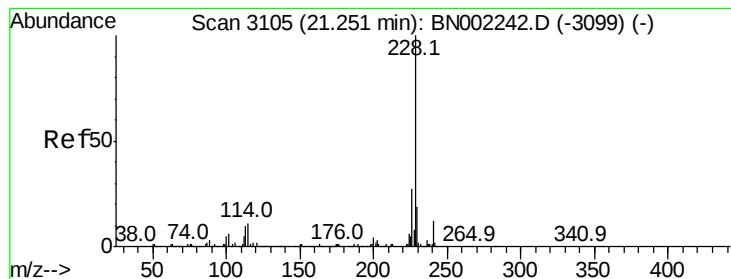
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.8	13.2
100	8.6	6.6	9.8



#79
 Pyrene
 Concen: 13.930 ng/ul
 RT: 19.49 min Scan# 2806
 Delta R.T. -0.01 min
 Lab File: BN002248.D
 Acq: 08 Aug 2018 13:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.2	15.2
100	10.4	8.5	12.7





#82

Benzo(a)anthracene

Concen: 7.120 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN002248.D

Acq: 08 Aug 2018 13:00

Instrument :

BNA_E

ClientSampleId :

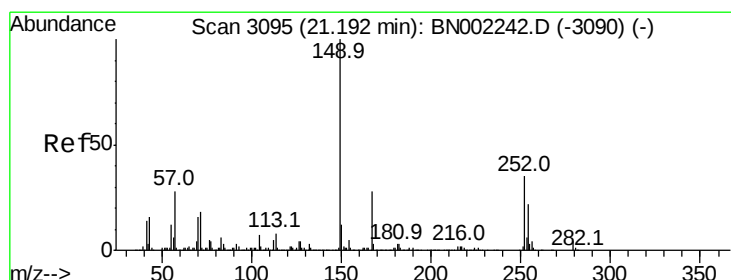
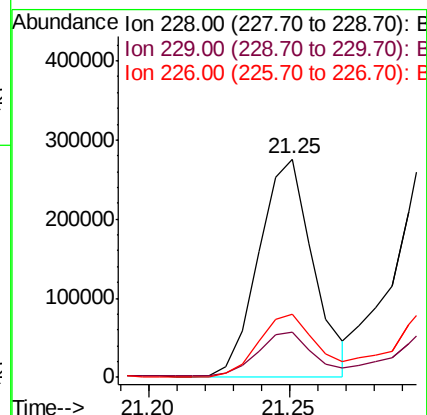
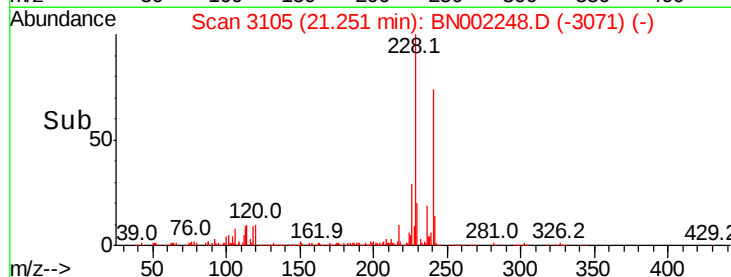
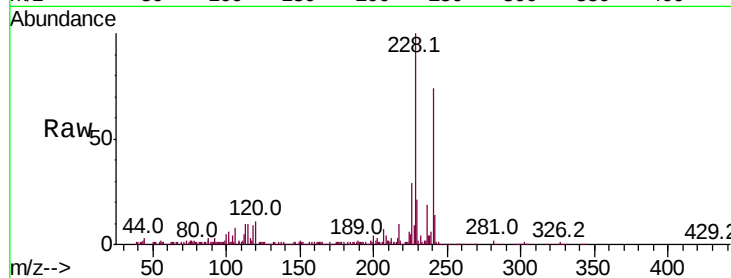
Tot Ion:228 Resp: 368962

Ion Ratio Lower Upper

228 100

229 20.8 15.7 23.5

226 28.9 21.8 32.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.013 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN002248.D

Acq: 08 Aug 2018 13:00

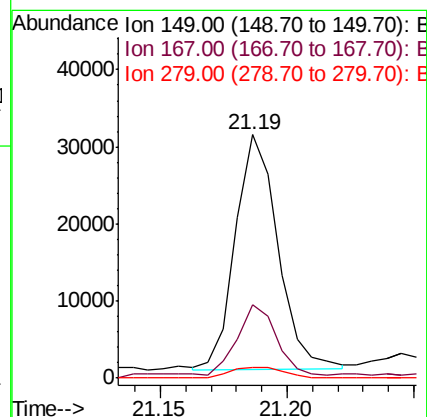
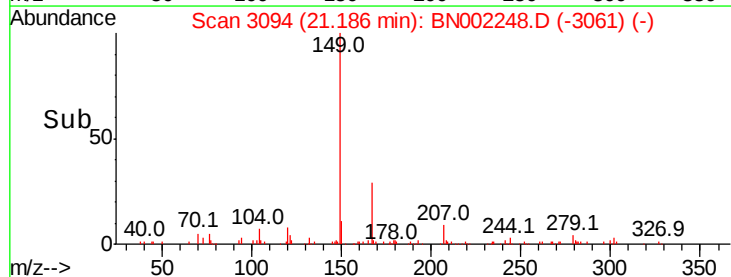
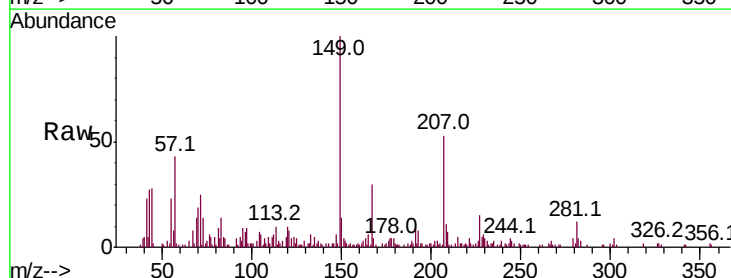
Tgt Ion:149 Resp: 35564

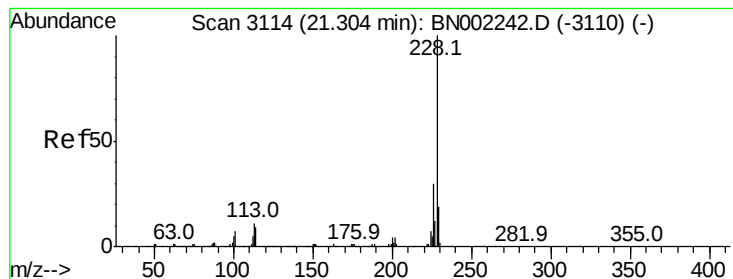
Ion Ratio Lower Upper

149 100

167 30.4 21.6 32.4

279 4.4 3.0 4.4#





#84

Chrysene

Concen: 9.438 ng/ul

RT: 21.30 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BN002248.D

Acq: 08 Aug 2018 13:00

Instrument :

BNA_E

ClientSampleId :

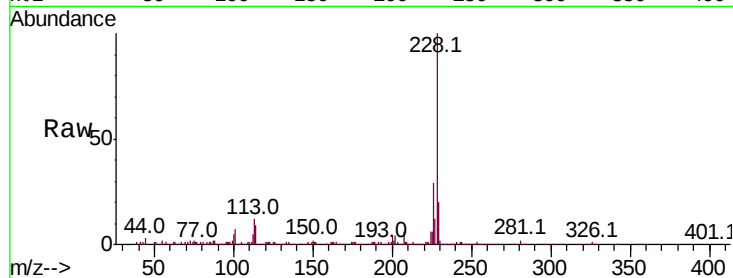
Tot Ion:228 Resp: 455792

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

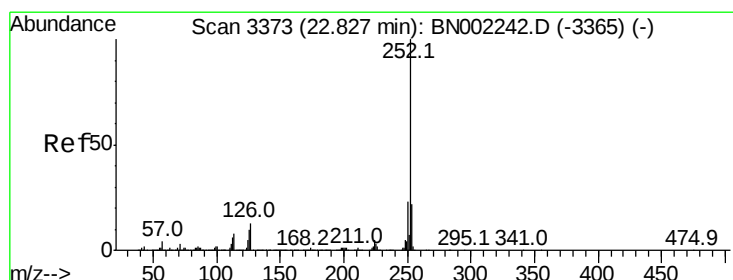
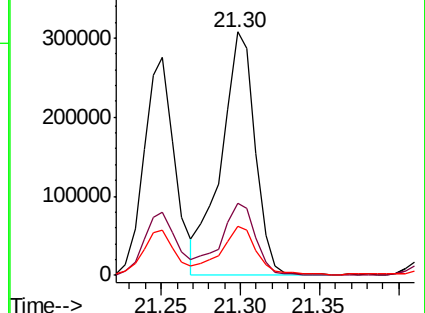
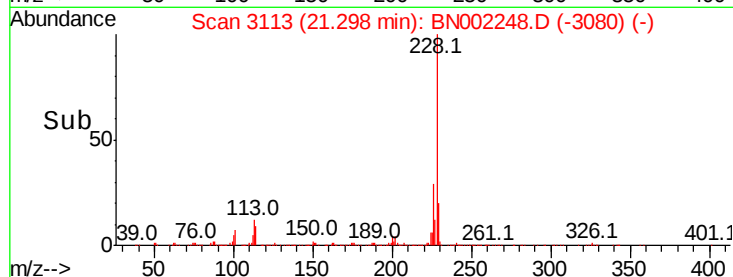
229 20.0 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 12.971 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. 0.00 min

Lab File: BN002248.D

Acq: 08 Aug 2018 13:00

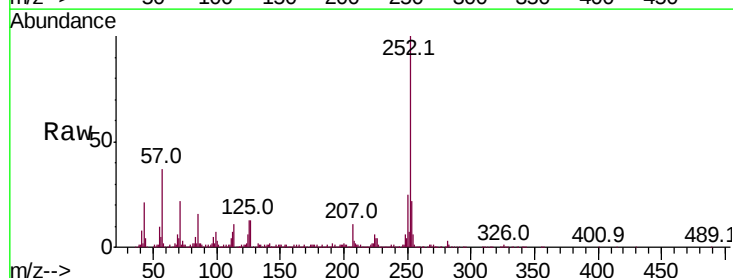
Tgt Ion:252 Resp: 675296

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

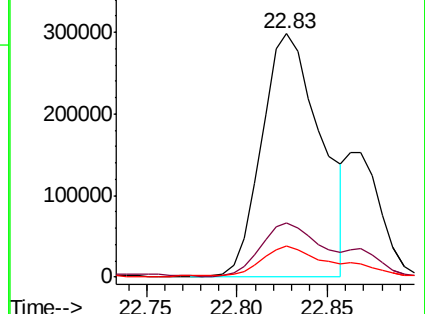
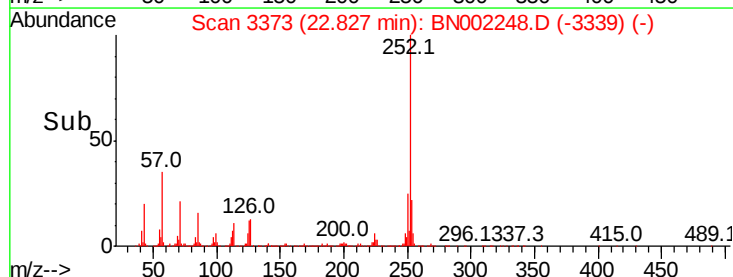
125 12.7 8.5 12.7

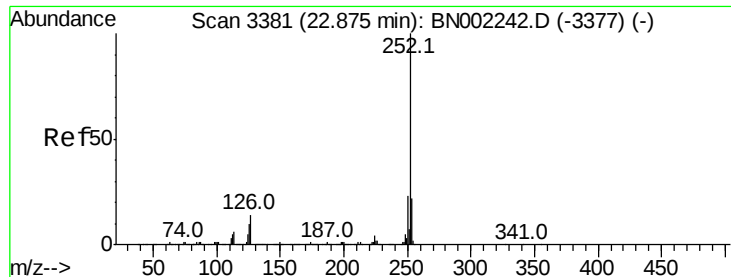


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 13.653 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.05 min

Lab File: BN002248.D

Acq: 08 Aug 2018 13:00

Instrument :

BNA_E

ClientSampleId :

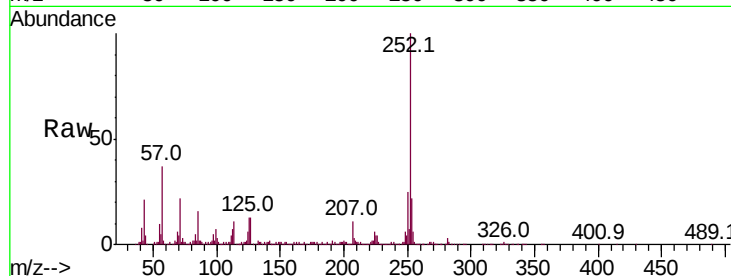
Tot Ion:252 Resp: 675296

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

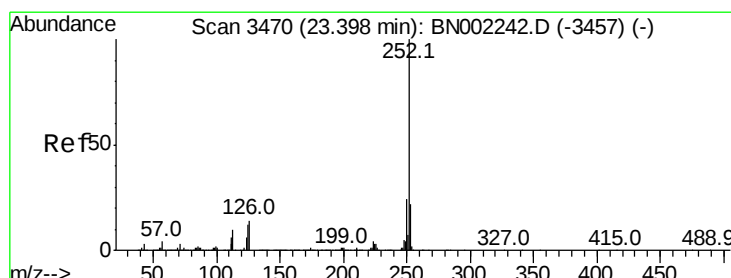
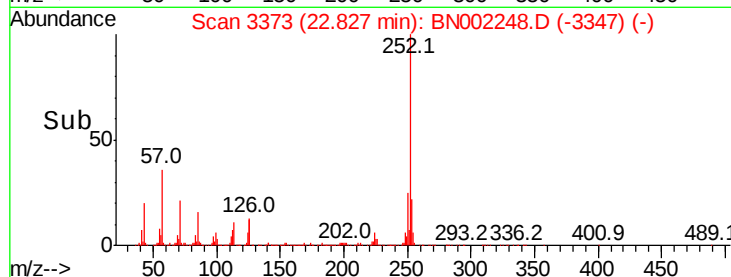
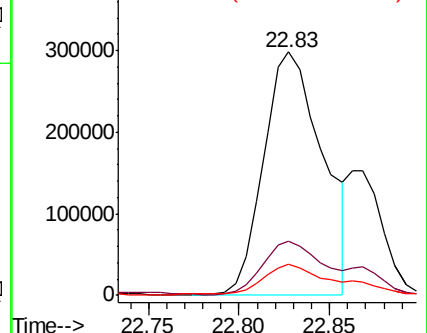
125 12.7 8.2 12.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 8.579 ng/ul

RT: 23.39 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BN002248.D

Acq: 08 Aug 2018 13:00

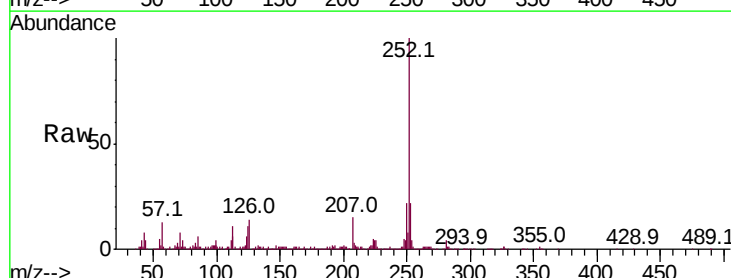
Tgt Ion:252 Resp: 424369

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

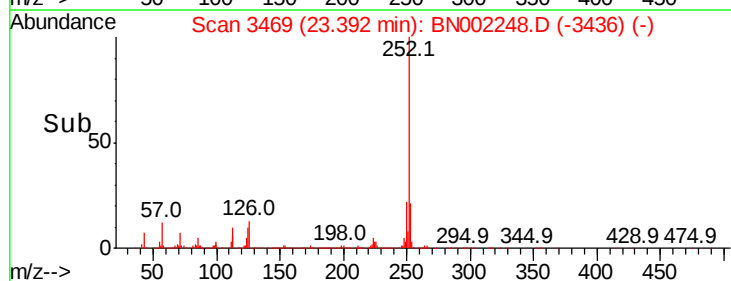
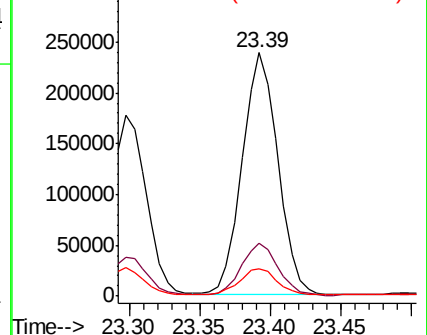
125 11.0 9.0 13.6

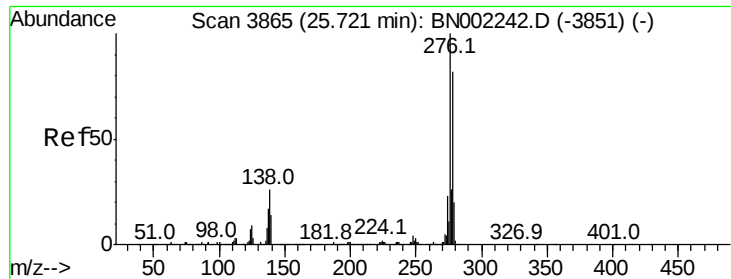


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



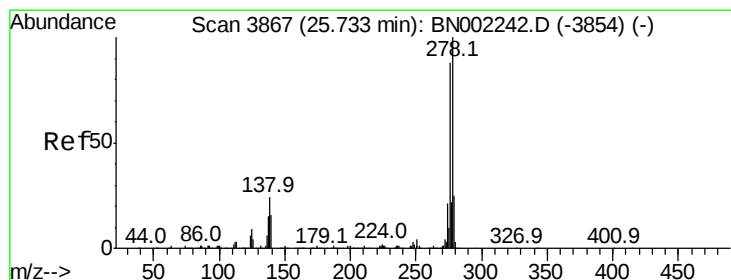
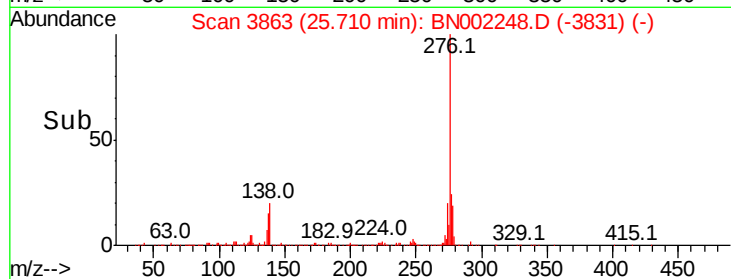
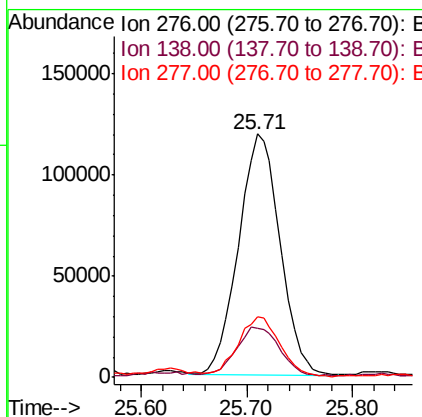
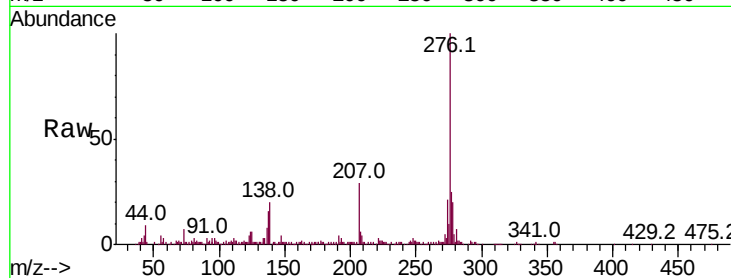


#91

Indeno(1,2,3-cd)pyrene
Concen: 5.705 ng/ul
RT: 25.71 min Scan# 3863
Delta R.T. -0.01 min
Lab File: BN002248.D
Acq: 08 Aug 2018 13:00

Instrument :
BNA_E
ClientSampleId :

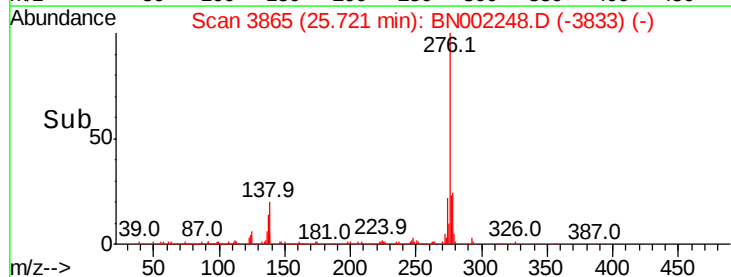
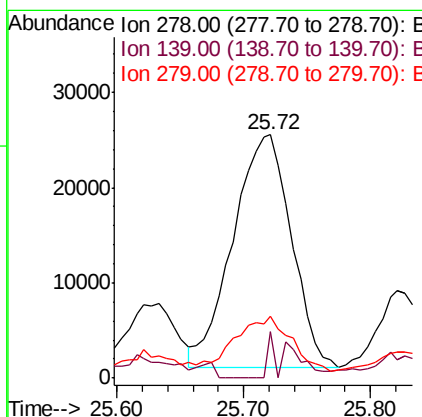
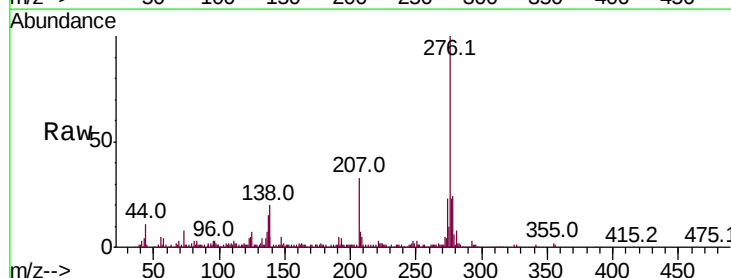
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	22.3	33.5#
277	24.8	20.2	30.2

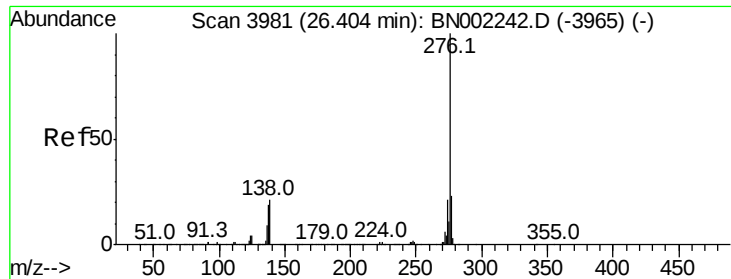


#92

Dibenzo(a,h)anthracene
Concen: 1.635 ng/ul
RT: 25.72 min Scan# 3865
Delta R.T. -0.01 min
Lab File: BN002248.D
Acq: 08 Aug 2018 13:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	13.9	20.9
279	25.2	19.0	28.4





#93

Benzo(a,h,i)perylene

Concen: 6.552 ng/ul

RT: 26.39 min Scan# 3979

Delta R.T. -0.01 min

Lab File: BN002248.D

Acq: 08 Aug 2018 13:00

Instrument :

BNA_E

ClientSampleId :

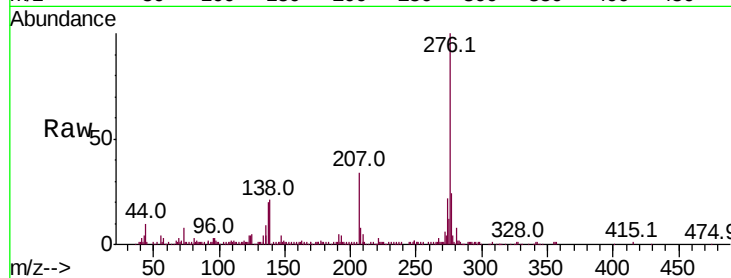
Tot Ion:276 Resp: 314815

Ion Ratio Lower Upper

276 100

138 20.8 18.9 28.3

277 24.4 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

