

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
 Data File : BP000822.D
 Acq On : 16 Oct 2019 19:47
 Operator : JU
 Sample : K5223-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPA4

Quant Time: Oct 17 09:29:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 09:27:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	234658	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	852188	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	459728	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.30	188	806226	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	638581	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	689867	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.38	96	26102	4.61	ng/uL	-0.01
5) Phenol-d5	6.39	99	409595	22.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	229231	25.33	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	376383	24.68	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	272692	19.72	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	181514	28.02	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	194102	28.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	334691	25.35	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	309097	21.05	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	915653	28.45	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1083306	27.36	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	83326	16.81	ng/ul	0.00
58) Fluorene-d10	10.32	176	756407	27.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	69046	17.98	ng/ul	0.00
71) Anthracene-d10	11.35	188	1022771	27.39	ng/ul	0.00
79) Pyrene-d10	12.74	212	1092307	30.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1003701	29.47	ng/ul	0.00

Target Compounds

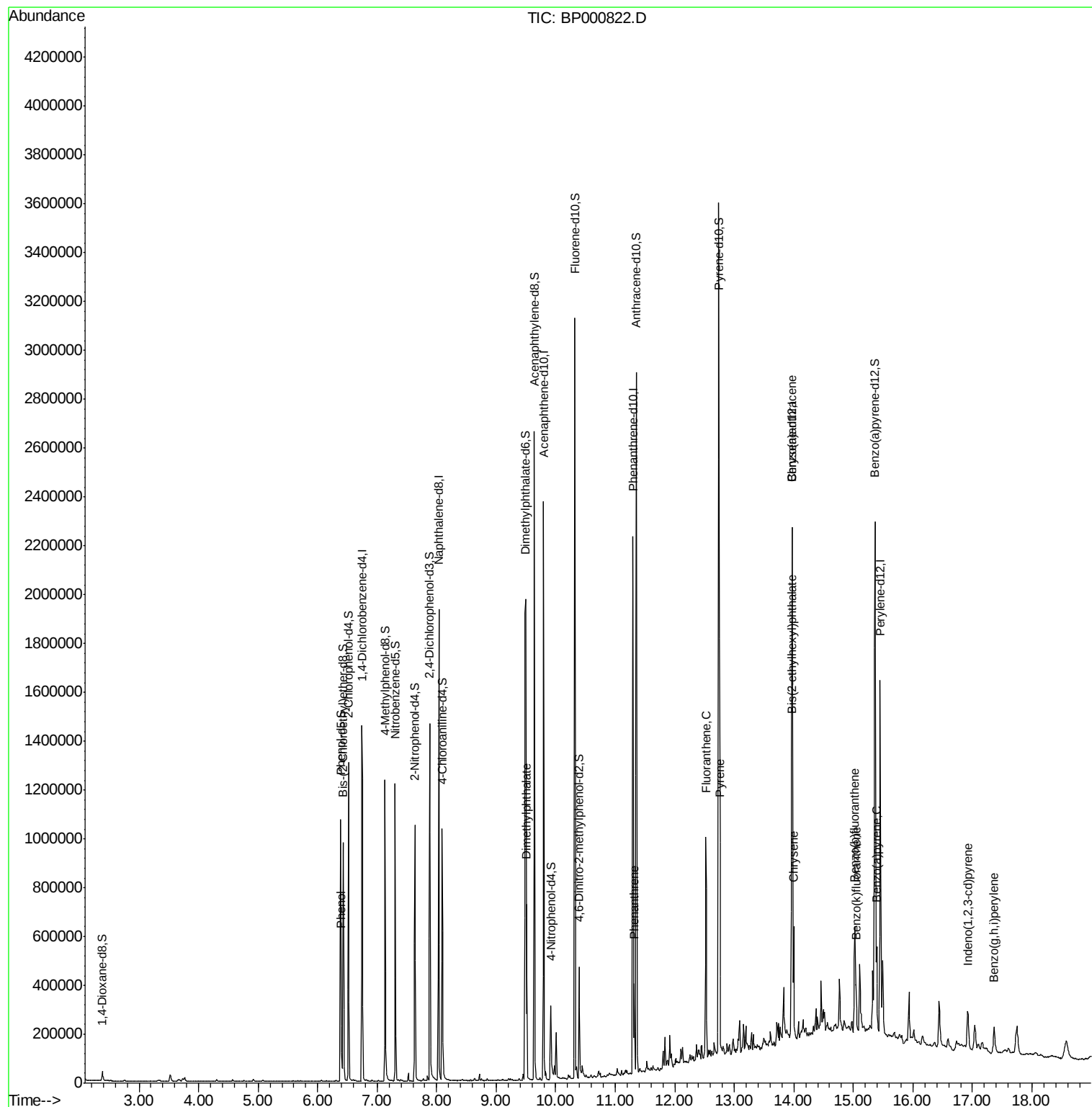
					Ovalue
6) Phenol	6.40	94	52538	2.879	ng/ul 98
45) Dimethylphthalate	9.51	163	252047	7.860	ng/ul 100
70) Phenanthrene	11.32	178	139986	3.186	ng/ul 99
77) Fluoranthene	12.52	202	344729	7.657	ng/ul 99
80) Pyrene	12.76	202	311911	6.884	ng/ul 98
83) Benzo(a)anthracene	13.96	228	163442	3.813	ng/ul 96
84) Bis(2-ethylhexyl)phthalate	13.96	149	24834	1.009	ng/ul 99
85) Chrysene	14.00	228	185475	4.656	ng/ul 97
88) Benzo(b)fluoranthene	15.02	252	228402	5.549	ng/ul 98
89) Benzo(k)fluoranthene	15.05	252	81046	2.068	ng/ul 97
91) Benzo(a)pyrene	15.39	252	153963	3.951	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	16.92	276	107933	2.416	ng/ul 97
94) Benzo(g,h,i)perylene	17.36	276	88875	2.390	ng/ul 98

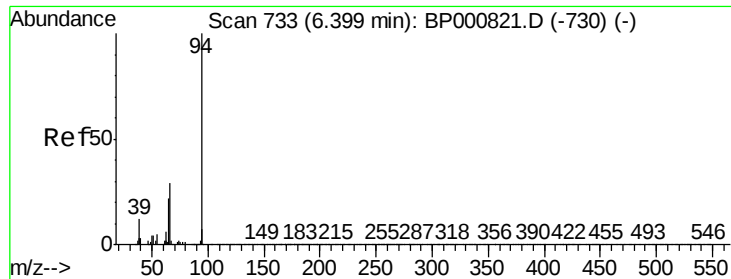
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BEP44

Quant Time: Oct 17 09:29:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 09:27:24 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.879 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BP000822.D

Acq: 16 Oct 2019 19:47

Instrument :

BNA_P

ClientSampleId :

BEPA4

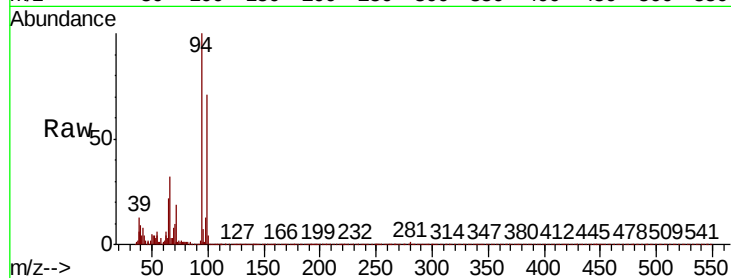
Tot Ion: 94 Resp: 52538

Ion Ratio Lower Upper

94 100

65 21.8 19.2 28.8

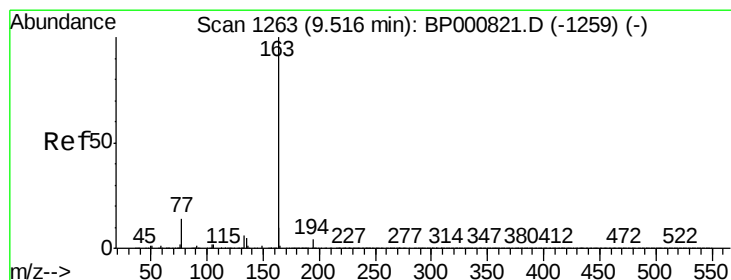
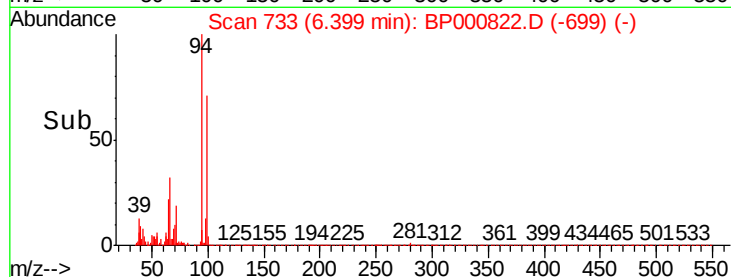
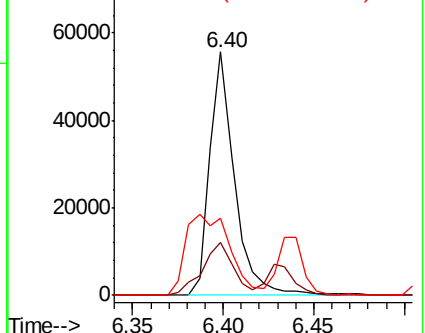
66 31.6 25.7 38.5



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#45

Dimethylphthalate

Concen: 7.860 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000822.D

Acq: 16 Oct 2019 19:47

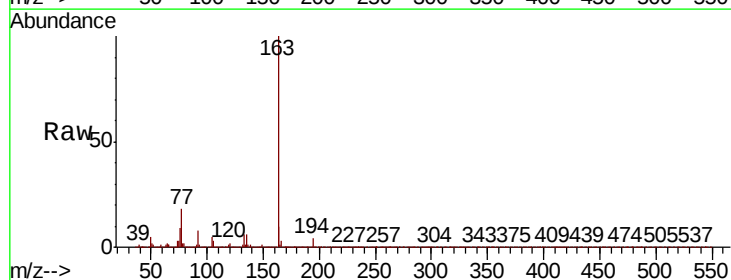
Tgt Ion: 163 Resp: 252047

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

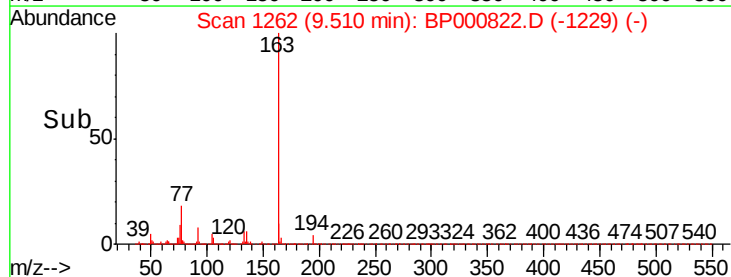
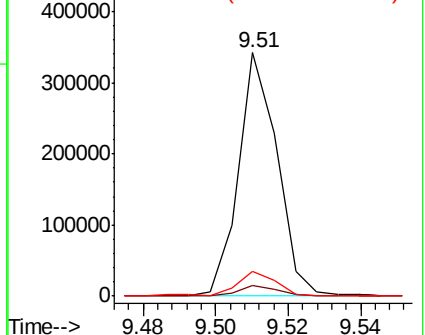
164 10.3 8.1 12.1

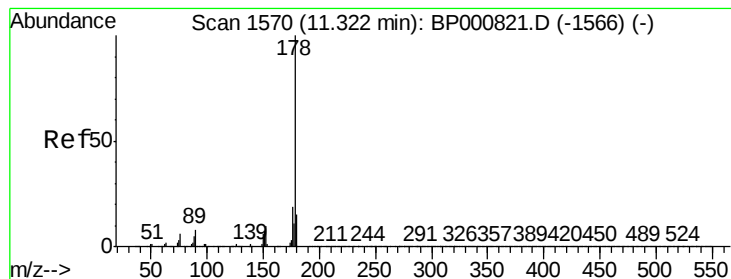


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 3.186 ng/ul

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BP000822.D

Acq: 16 Oct 2019 19:47

Instrument :

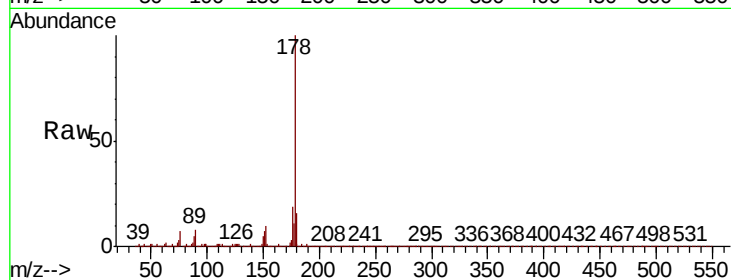
BNA_P

ClientSampleId :

BEPA4

Tot Ion:178 Resp: 139986

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.9	15.4	23.2

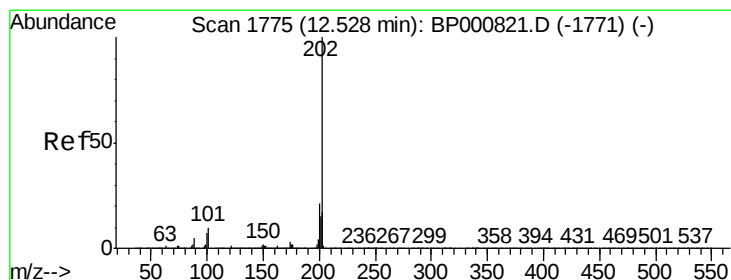
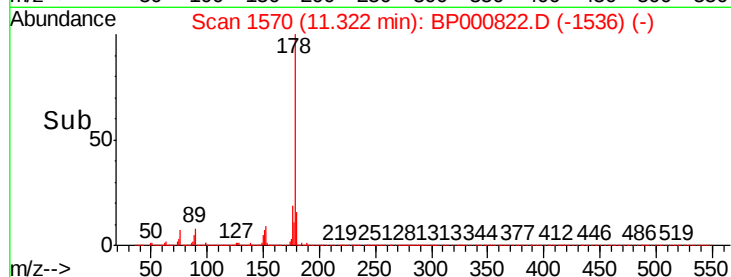
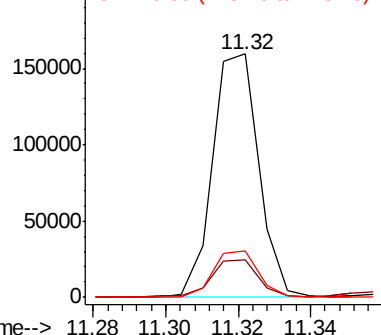


Abundance

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



#77

Fluoranthene

Concen: 7.657 ng/ul

RT: 12.52 min Scan# 1774

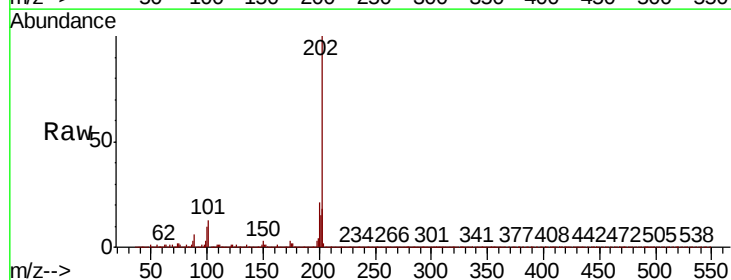
Delta R.T. -0.01 min

Lab File: BP000822.D

Acq: 16 Oct 2019 19:47

Tgt Ion:202 Resp: 344729

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.8	14.6
100	9.5	7.2	10.8

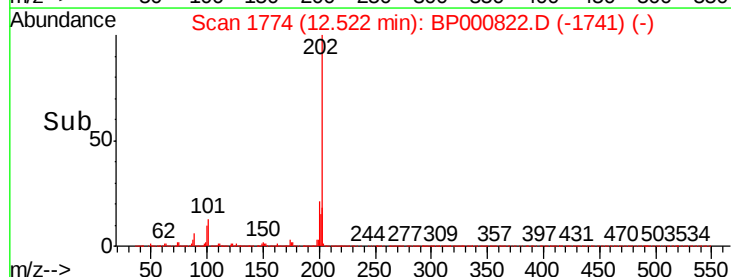
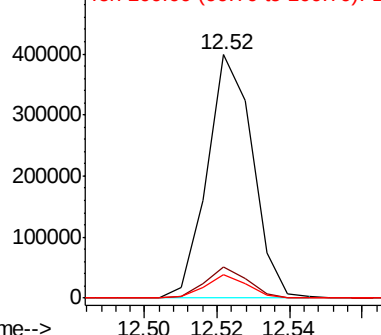


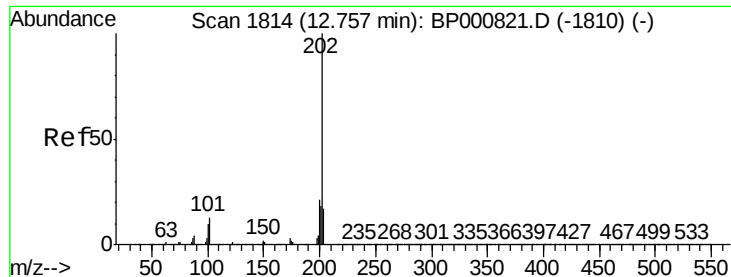
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

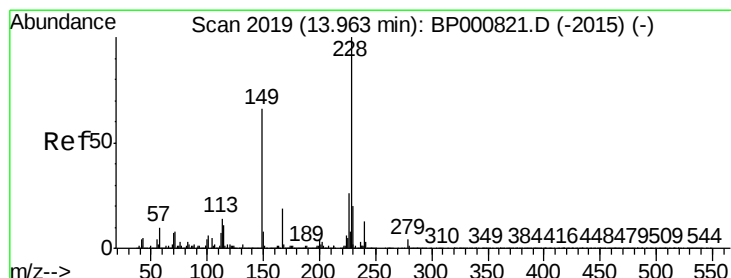
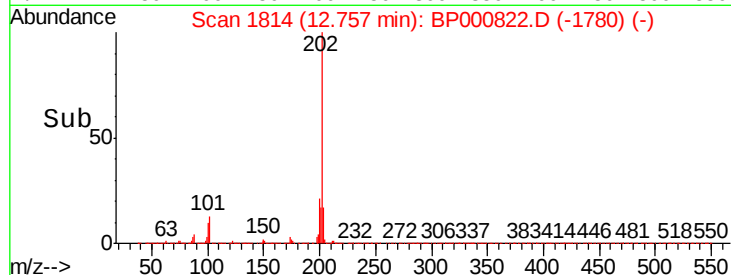
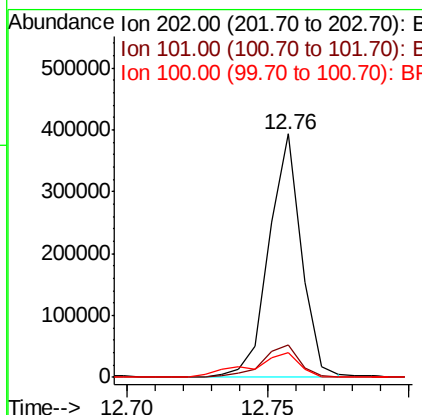
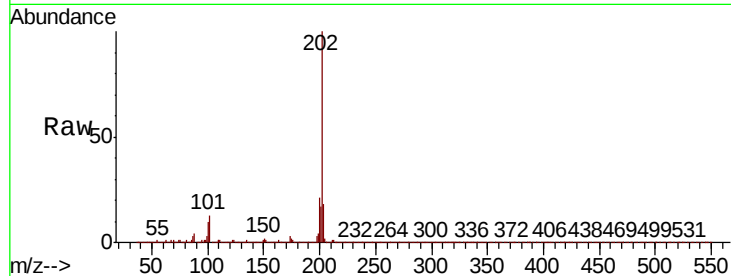




#80
Pvrene
Concen: 6.884 ng/ul
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BP000822.D
Acq: 16 Oct 2019 19:47

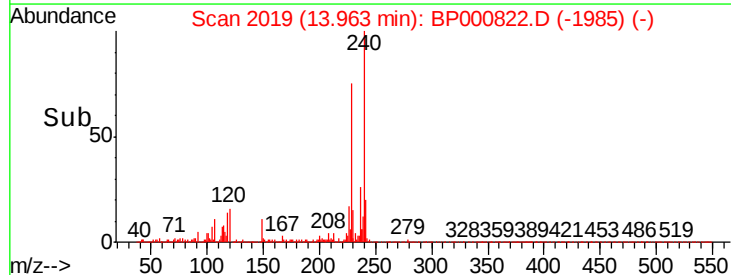
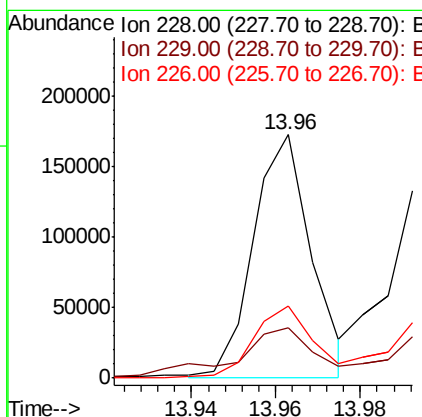
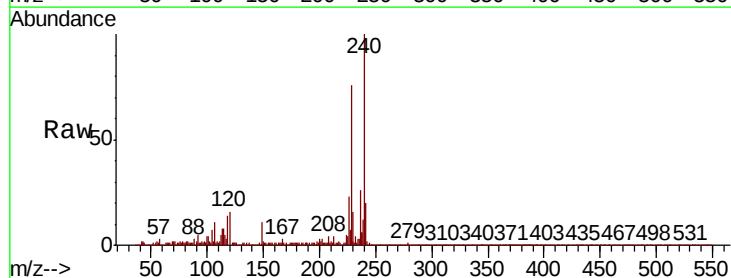
Instrument :
BNA_P
ClientSampled :
BEP4

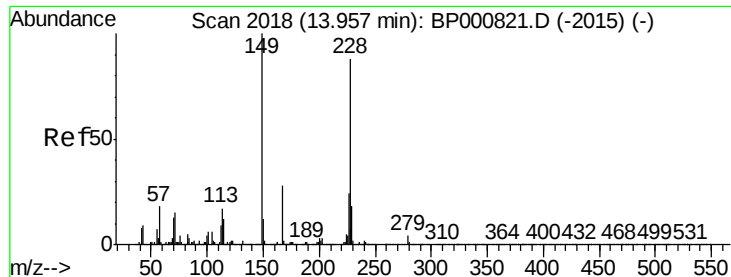
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.7	14.5
100	10.3	7.8	11.8



#83
Benzo(a)anthracene
Concen: 3.813 ng/ul
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BP000822.D
Acq: 16 Oct 2019 19:47

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	29.8	21.8	32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.009 ng/ul

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BP000822.D

Acq: 16 Oct 2019 19:47

Instrument :

BNA_P

ClientSampleId :

BEPA4

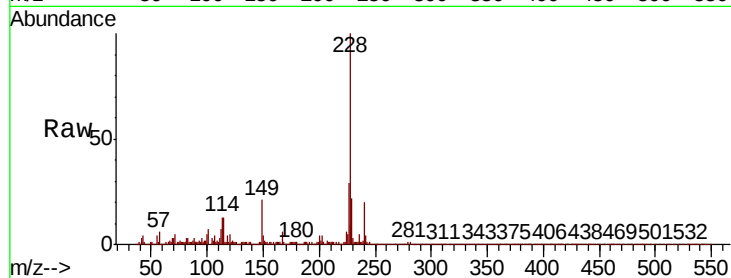
Tot Ion:149 Resp: 24834

Ion Ratio Lower Upper

149 100

167 27.3 22.3 33.5

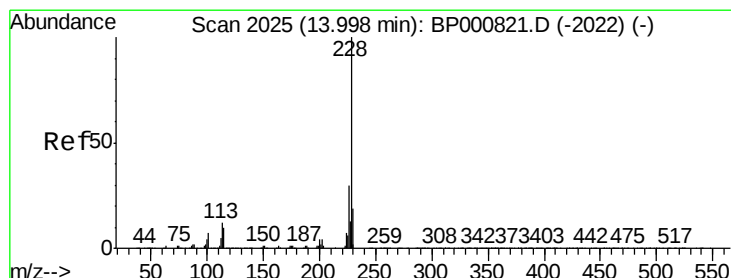
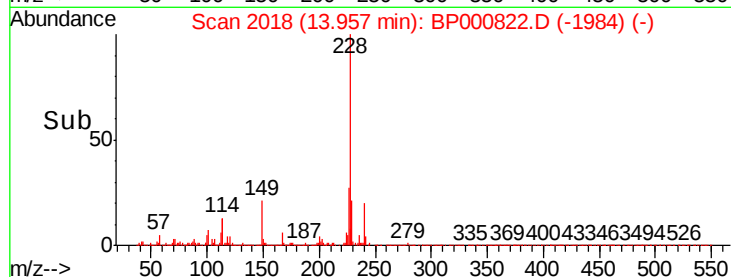
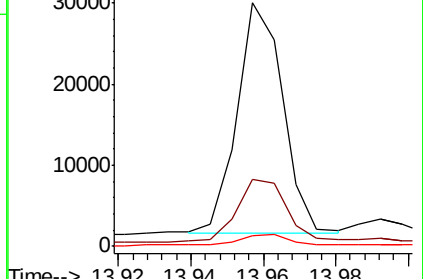
279 4.6 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 4.656 ng/ul

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BP000822.D

Acq: 16 Oct 2019 19:47

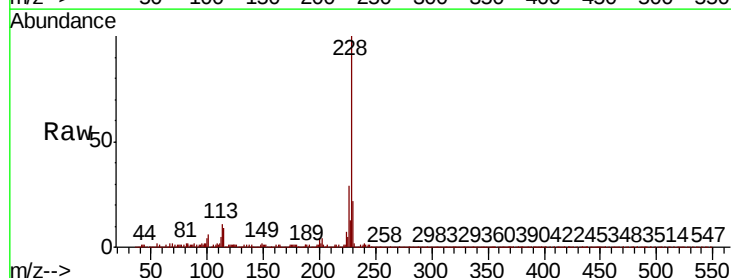
Tgt Ion:228 Resp: 185475

Ion Ratio Lower Upper

228 100

226 29.3 24.2 36.4

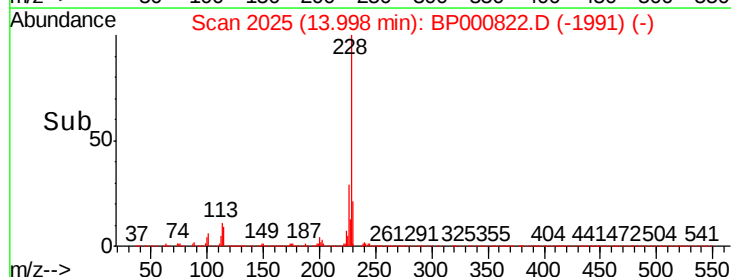
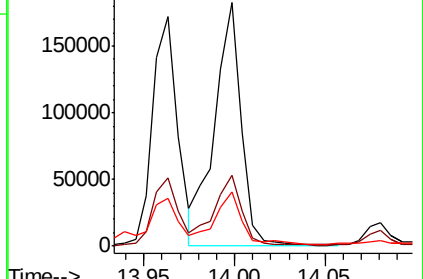
229 22.2 15.8 23.6

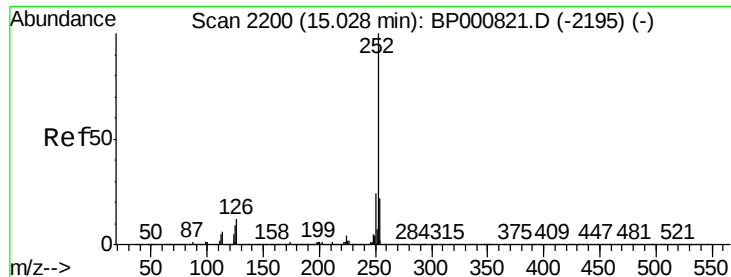


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 5.549 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BP000822.D

Acq: 16 Oct 2019 19:47

Instrument :

BNA_P

ClientSampleId :

BEPA4

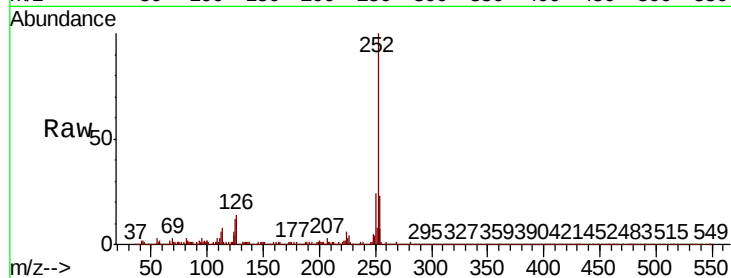
Tot Ion:252 Resp: 228402

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

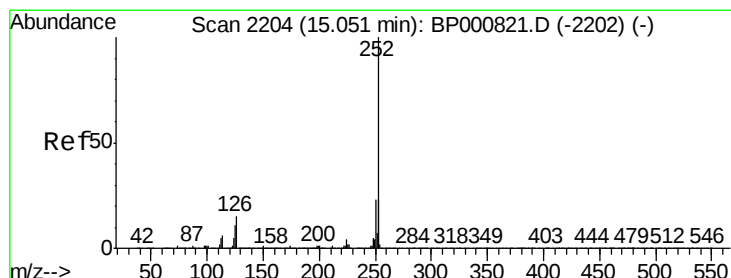
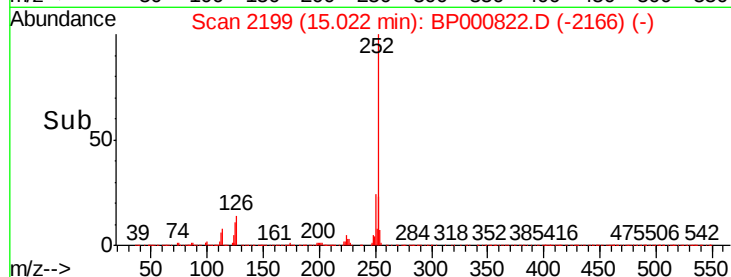
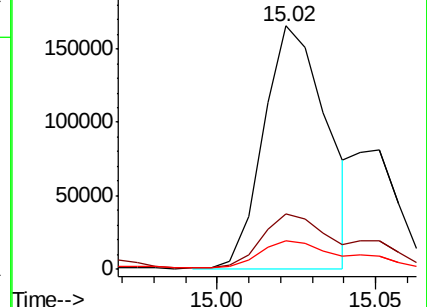
125 11.6 8.7 13.1



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



#89

Benzo(k)fluoranthene

Concen: 2.068 ng/ul

RT: 15.05 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BP000822.D

Acq: 16 Oct 2019 19:47

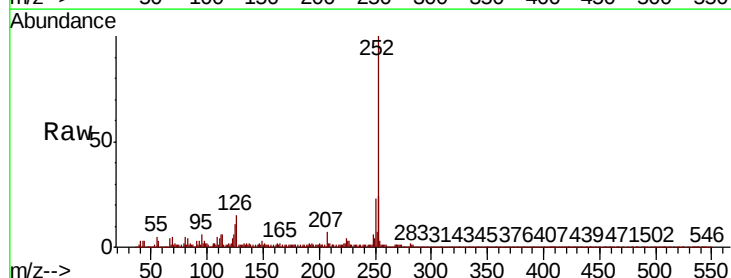
Tgt Ion:252 Resp: 81046

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.6

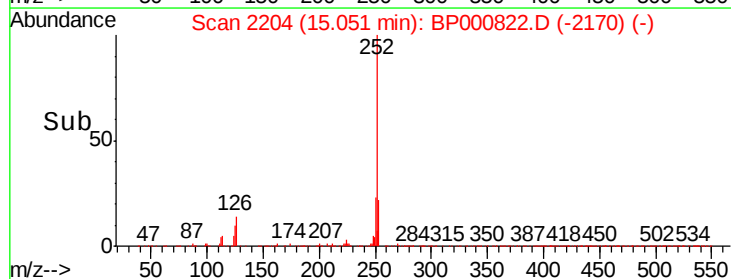
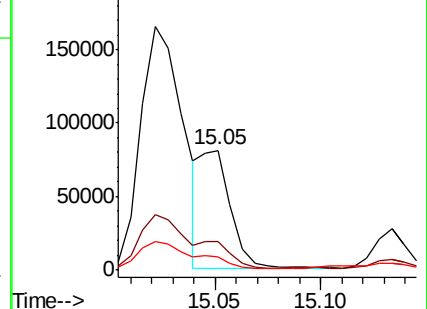
125 11.2 8.2 12.4

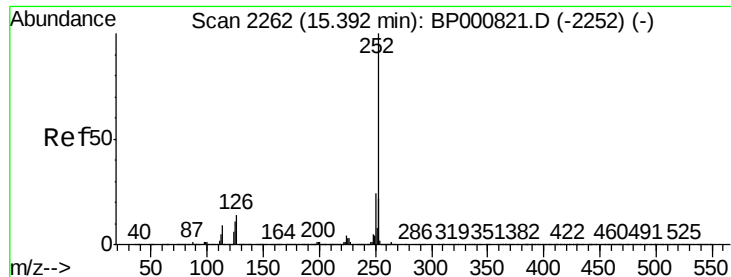


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.951 ng/ul

RT: 15.39 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BP000822.D

Acq: 16 Oct 2019 19:47

Instrument :

BNA_P

ClientSampleId :

BEPA4

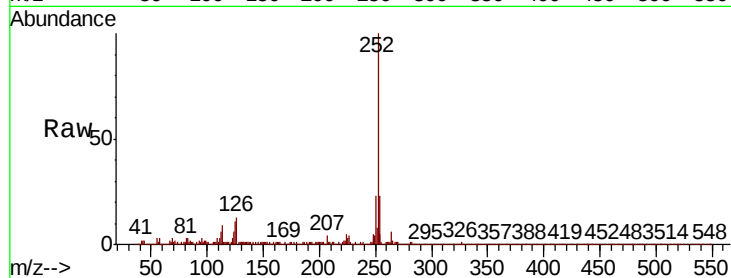
Tot Ion:252 Resp: 153963

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

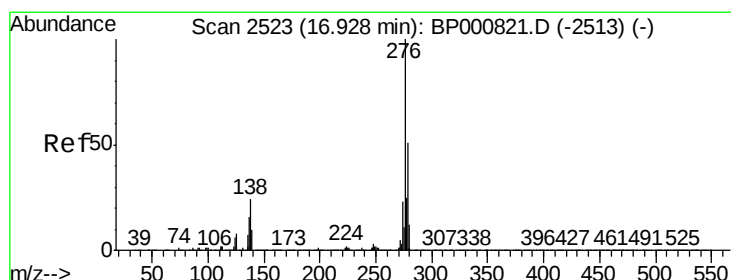
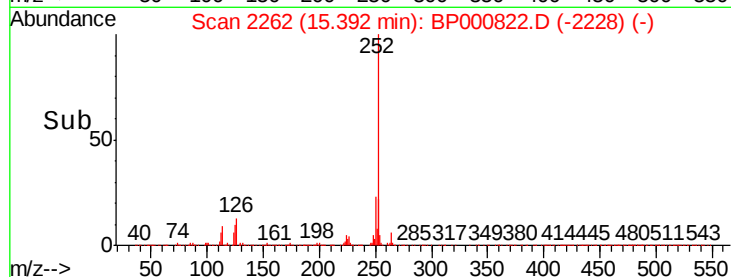
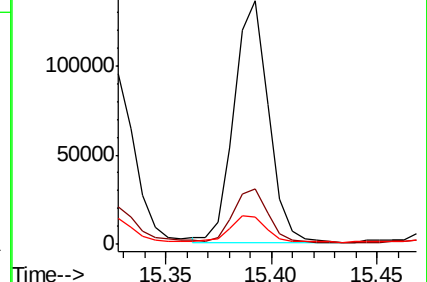
125 11.1 9.7 14.5



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.416 ng/ul

RT: 16.92 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BP000822.D

Acq: 16 Oct 2019 19:47

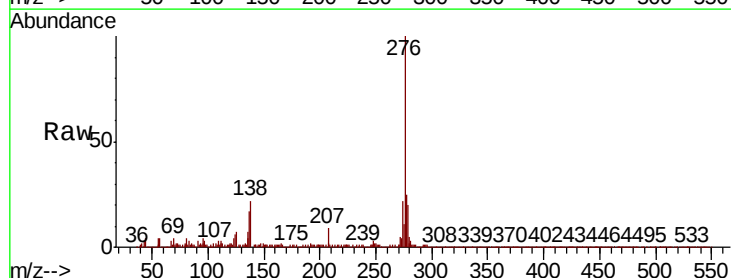
Tgt Ion:276 Resp: 107933

Ion Ratio Lower Upper

276 100

138 22.3 20.0 30.0

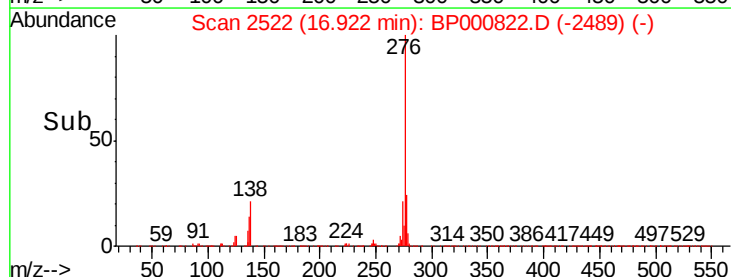
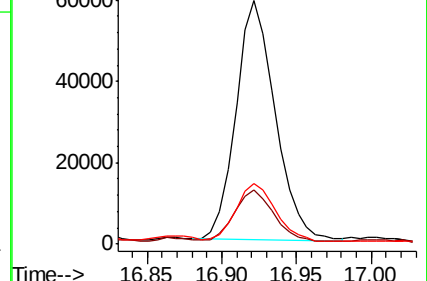
277 24.8 19.8 29.8

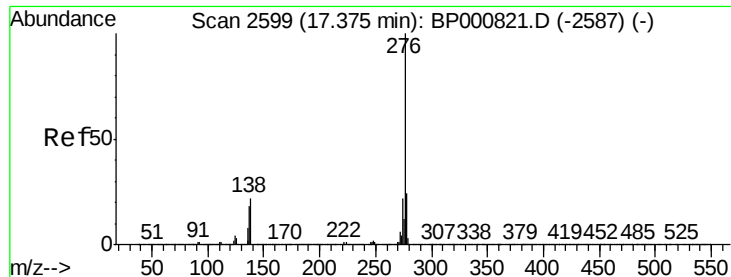


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 2.390 ng/ul

RT: 17.36 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BP000822.D

Acq: 16 Oct 2019 19:47

Instrument :

BNA_P

ClientSampleId :

BEPA4

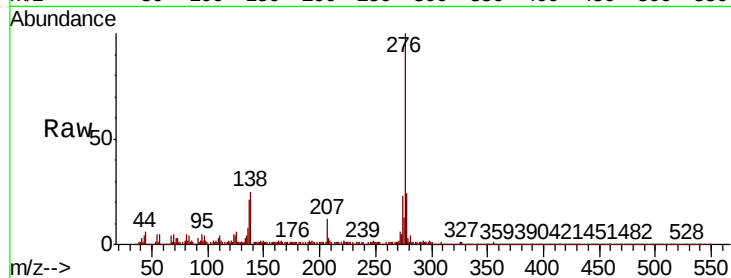
Tot Ion:276 Resp: 88875

Ion Ratio Lower Upper

276 100

138 24.7 18.4 27.6

277 23.7 19.4 29.0



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

