

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
 Data File : BM023358.D
 Acq On : 24 Oct 2019 00:58
 Operator : JU
 Sample : K5378-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 02:59:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 18:47:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	597745	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2578851	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1593270	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	2945938	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	2468119	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2716527	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	54075	4.30	ng/uL	0.00
5) Phenol-d5	6.82	99	932925	18.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	802375	27.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	944420	24.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	684381	16.78	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	540158	27.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	533662	24.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	976423	23.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	448369	9.21	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	3015299	24.92	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	3901824	28.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	107756	5.14	ng/ul	0.00
58) Fluorene-d10	15.28	176	2800790	27.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	291233	15.88	ng/ul	0.00
71) Anthracene-d10	17.13	188	3849966	27.65	ng/ul	0.00
79) Pyrene-d10	19.43	212	4001817	29.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	3938376	28.46	ng/ul	0.00

Target Compounds

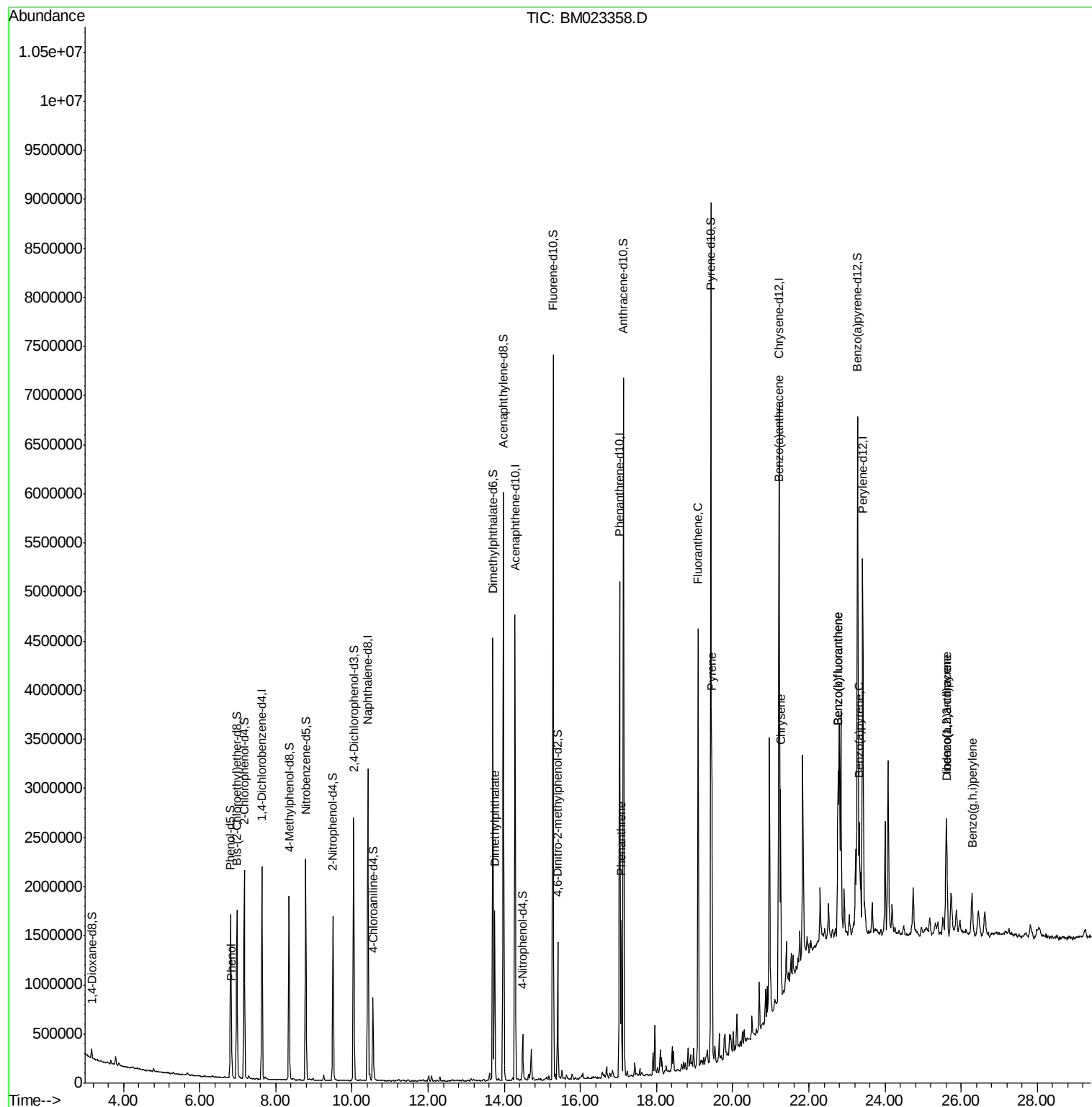
					Ovalue
6) Phenol	6.84	94	142914	2.764	ng/ul 99
45) Dimethylphthalate	13.75	163	1111072	9.146	ng/ul 100
70) Phenanthrene	17.07	178	943753	5.733	ng/ul 99
77) Fluoranthene	19.09	202	2637143	15.357	ng/ul 100
80) Pyrene	19.46	202	1991274	11.425	ng/ul 99
83) Benzo(a)anthracene	21.20	228	1227070	7.434	ng/ul 100
85) Chrysene	21.26	228	1180015	7.748	ng/ul 99
88) Benzo(b)fluoranthene	22.76	252	1530179	8.770	ng/ul 99
89) Benzo(k)fluoranthene	22.76	252	1530179	9.340	ng/ul 99
91) Benzo(a)pyrene	23.32	252	784972	4.970	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.62	276	659956	3.859	ng/ul 97
93) Dibenzo(a,h)anthracene	25.62	278	194291	1.347	ng/ul 96
94) Benzo(g,h,i)perylene	26.28	276	520844	3.743	ng/ul 99

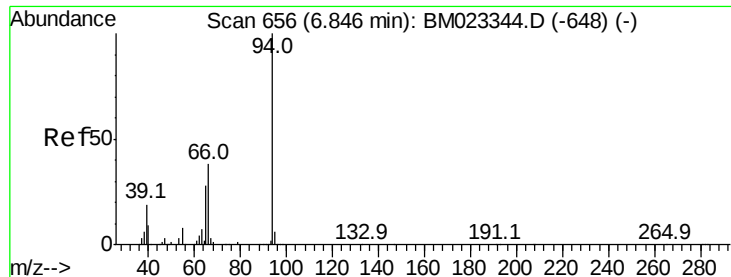
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.764 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM023358.D

Acq: 24 Oct 2019 00:58

Instrument :

BNA_M

ClientSampleId :

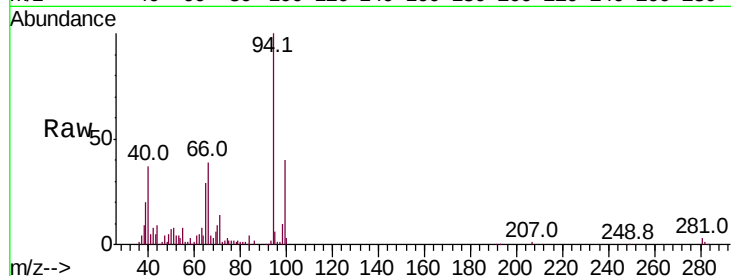
Tot Ion: 94 Resp: 142914

Ion Ratio Lower Upper

94 100

65 28.9 22.9 34.3

66 38.8 31.4 47.2

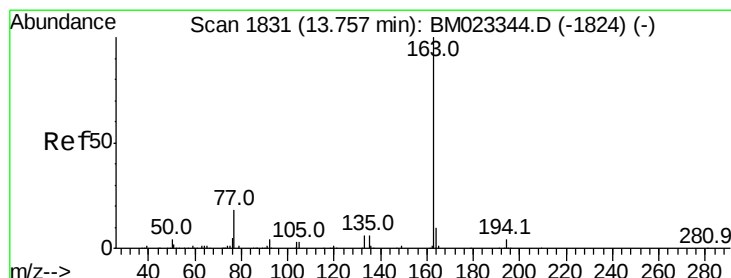
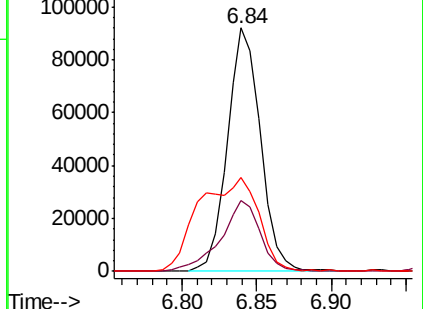
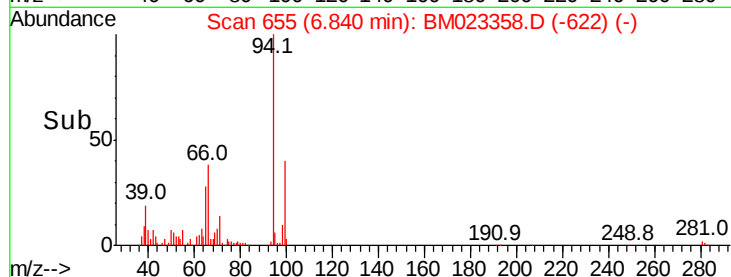


Abundance Ion 94.00 (93.70 to 94.70): BM023344.D (-648) (-)

Ion 65.00 (64.70 to 65.70): BM023344.D (-648) (-)

Ion 66.00 (65.70 to 66.70): BM023344.D (-648) (-)

6.84



#45

Dimethylphthalate

Concen: 9.146 ng/ul

RT: 13.75 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BM023358.D

Acq: 24 Oct 2019 00:58

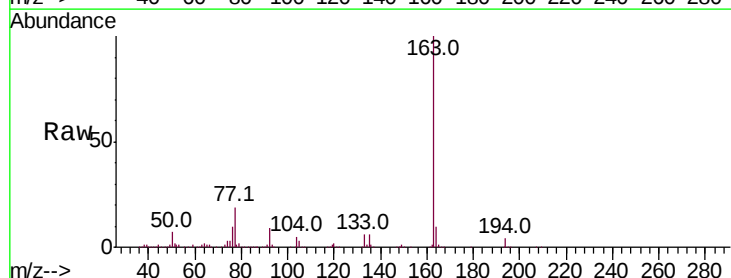
Tgt Ion:163 Resp: 1111072

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 7.9 11.9

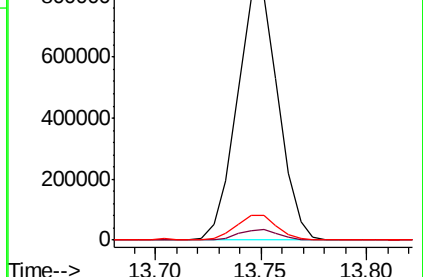
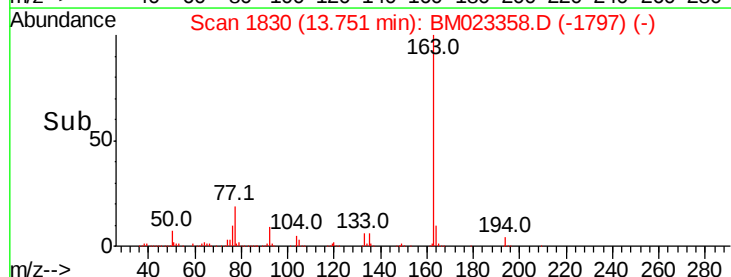


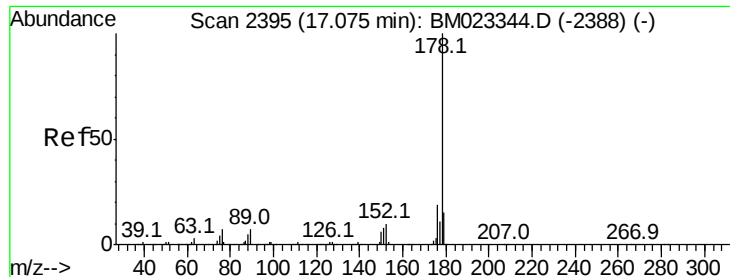
Abundance Ion 163.00 (162.70 to 163.70): BM023344.D (-1824) (-)

Ion 194.00 (193.70 to 194.70): BM023344.D (-1824) (-)

Ion 164.00 (163.70 to 164.70): BM023344.D (-1824) (-)

13.75





#70

Phenanthrene

Concen: 5.733 ng/ul

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM023358.D

Acq: 24 Oct 2019 00:58

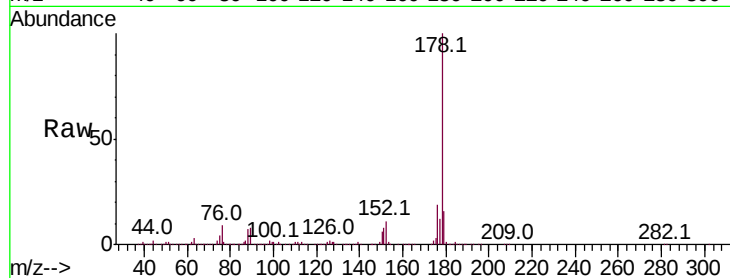
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 943753

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	19.4	14.9	22.3

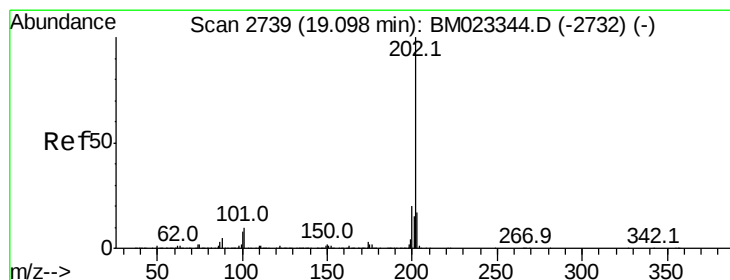
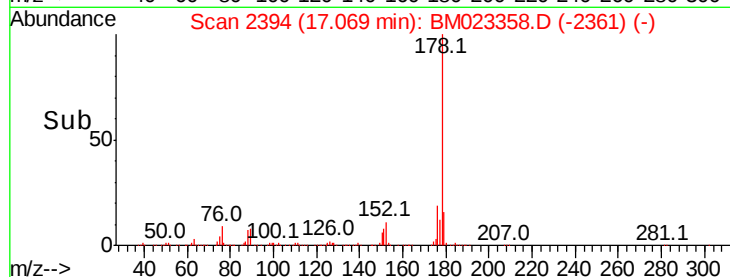
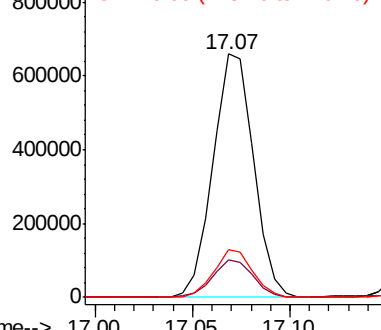


Abundance

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: 15.357 ng/ul

RT: 19.09 min Scan# 2738

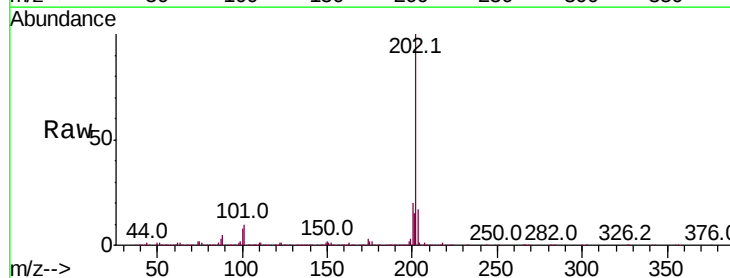
Delta R.T. -0.01 min

Lab File: BM023358.D

Acq: 24 Oct 2019 00:58

Tgt Ion:202 Resp: 2637143

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.1	12.1
100	7.8	6.2	9.2

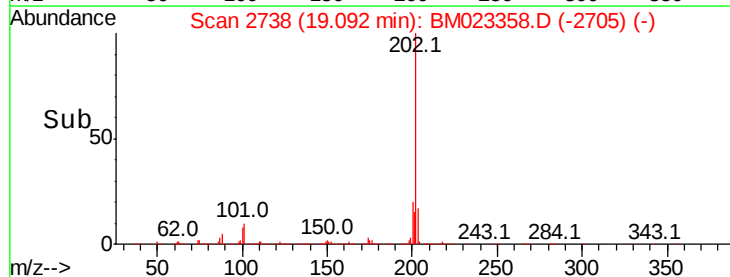
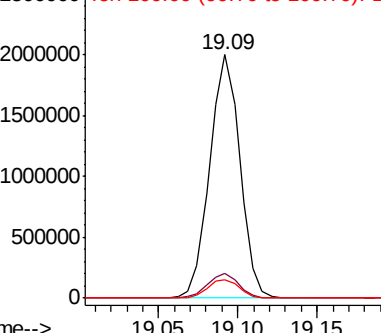


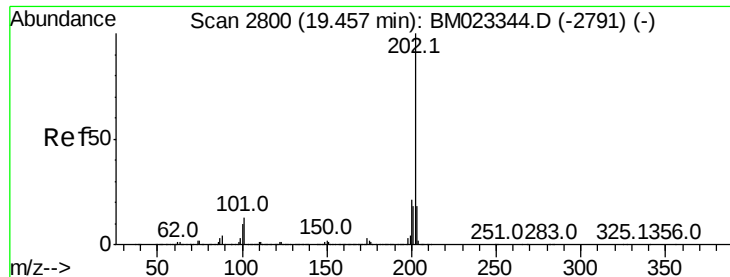
Abundance

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

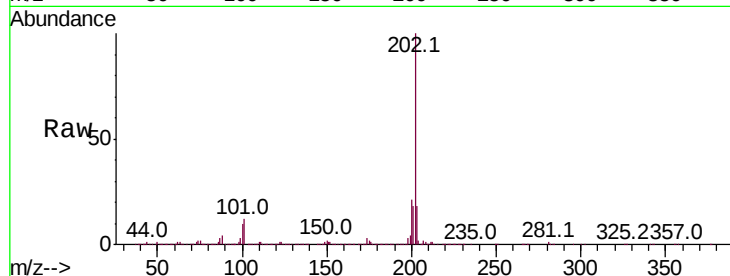




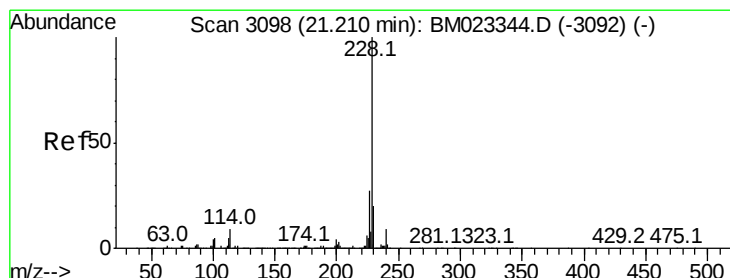
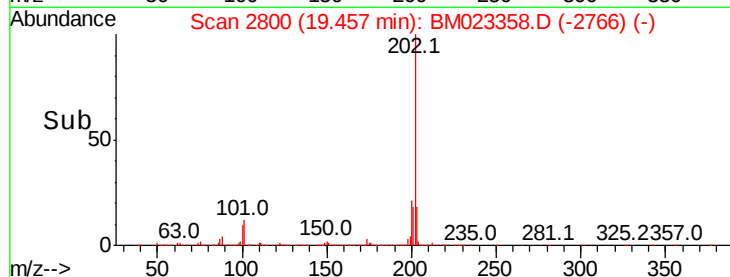
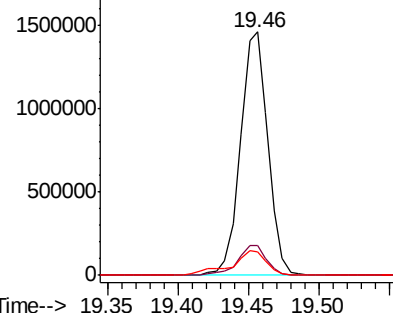
#80
Pvrene
Concen: 11.425 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BM023358.D
Acq: 24 Oct 2019 00:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 1991274
Ion Ratio Lower Upper
202 100
101 12.2 10.0 15.0
100 9.8 8.3 12.5

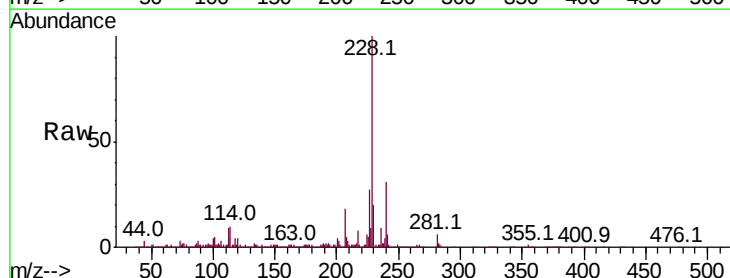


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

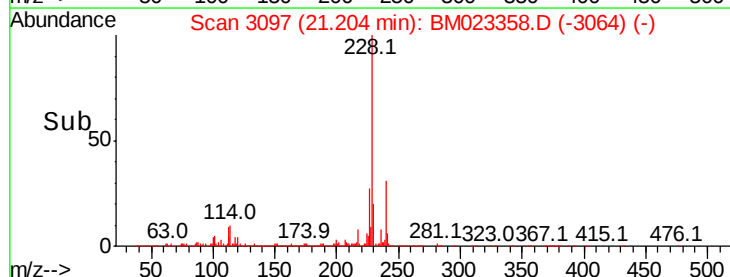
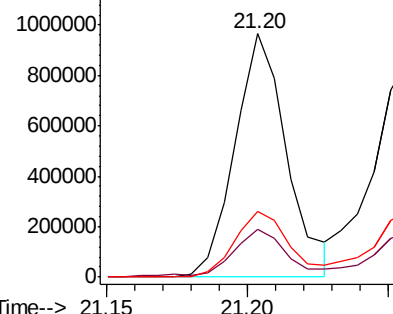


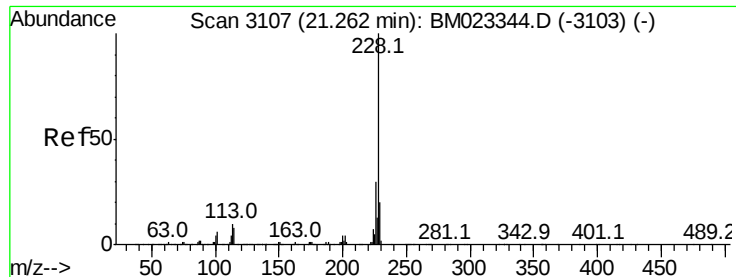
#83
Benzo(a)anthracene
Concen: 7.434 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM023358.D
Acq: 24 Oct 2019 00:58

Tgt Ion:228 Resp: 1227070
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.1 21.6 32.4



Abundance Ion 228.00 (227.70 to 228.70): E
1200000
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

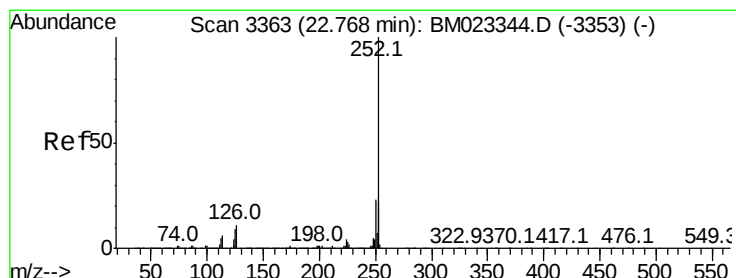
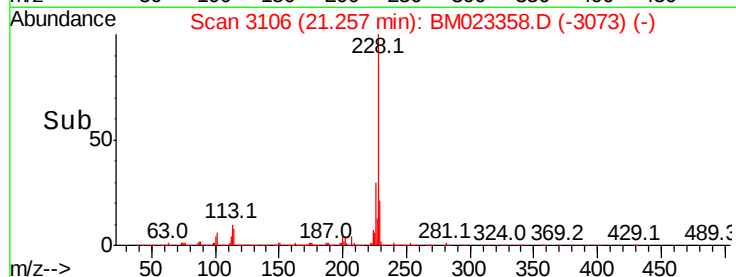
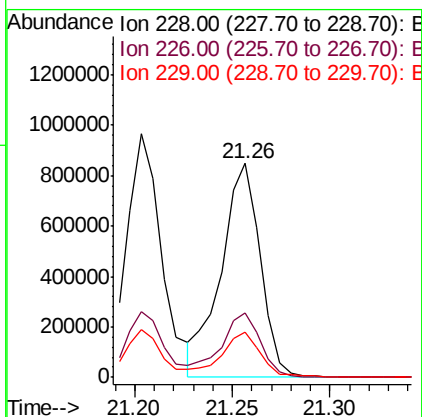
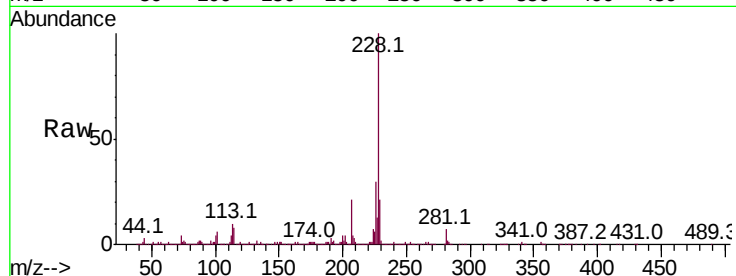




#85
Chrysene
Concen: 7.748 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM023358.D
Acq: 24 Oct 2019 00:58

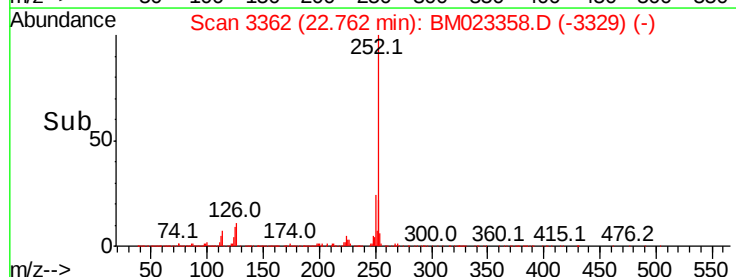
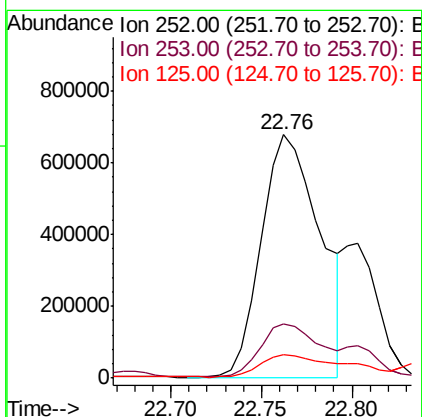
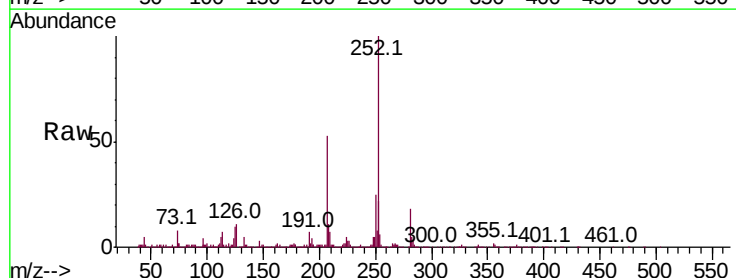
Instrument :
BNA_M
ClientSampleId :

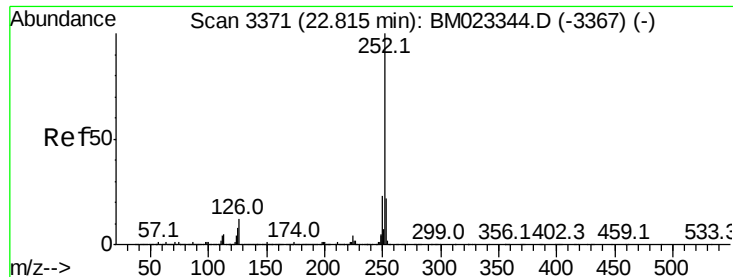
Tot Ion:228 Resp: 1180015
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 20.9 16.0 24.0



#88
Benzo(b)fluoranthene
Concen: 8.770 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM023358.D
Acq: 24 Oct 2019 00:58

Tgt Ion:252 Resp: 1530179
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 9.340 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.05 min

Lab File: BM023358.D

Acq: 24 Oct 2019 00:58

Instrument :

BNA_M

ClientSampled :

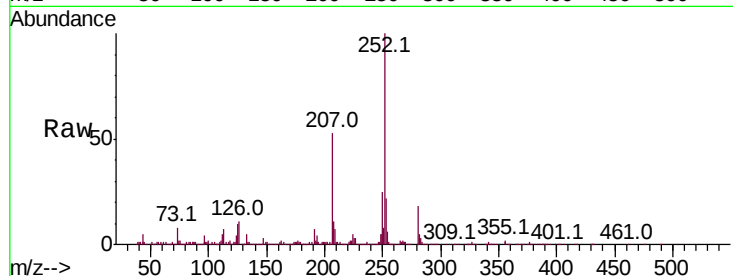
Tot Ion:252 Resp: 1530179

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

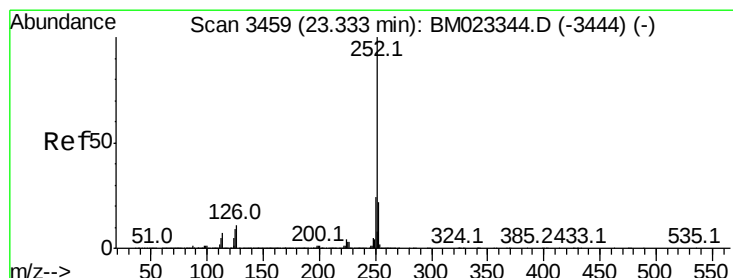
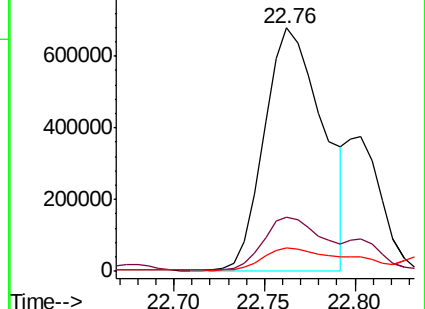
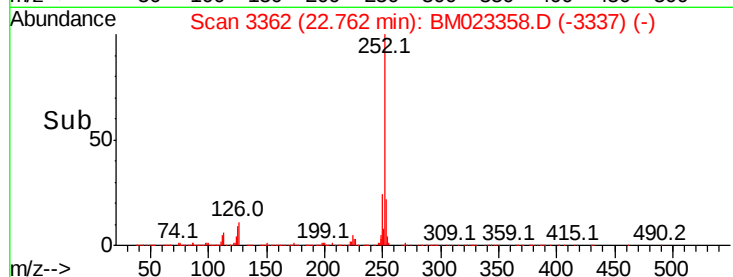
125 9.6 6.8 10.2



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



#91

Benzo(a)pyrene

Concen: 4.970 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.01 min

Lab File: BM023358.D

Acq: 24 Oct 2019 00:58

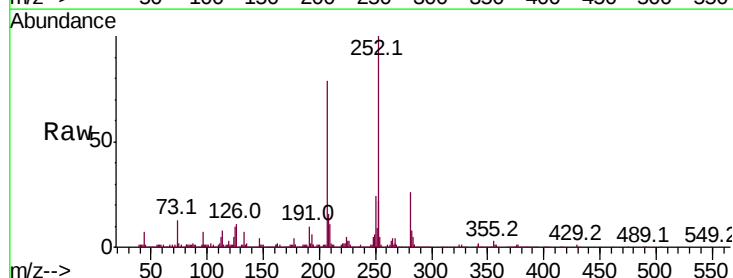
Tgt Ion:252 Resp: 784972

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

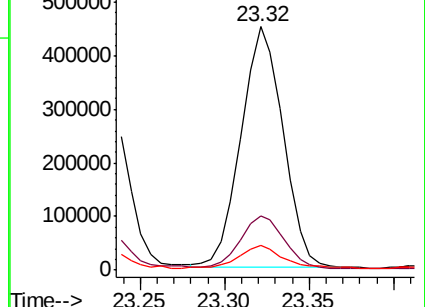
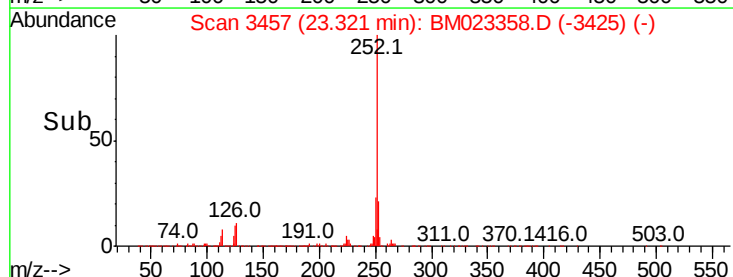
125 10.2 7.5 11.3

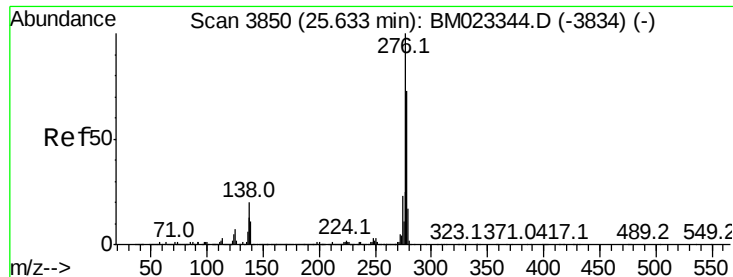


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



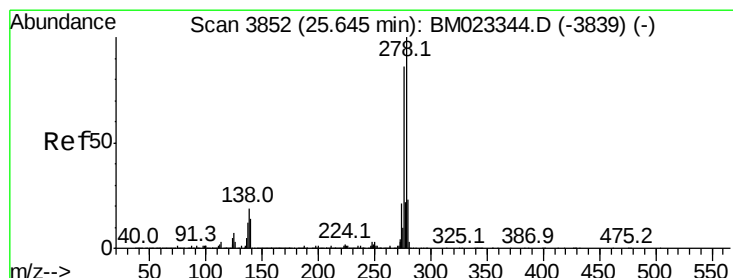
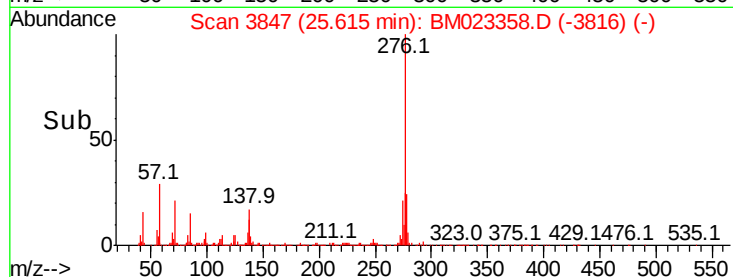
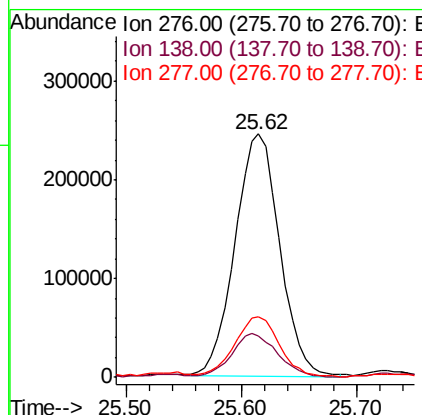
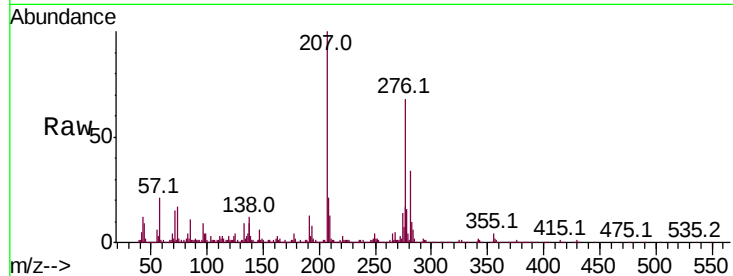


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.859 ng/ul
RT: 25.62 min Scan# 3847
Delta R.T. -0.02 min
Lab File: BM023358.D
Acq: 24 Oct 2019 00:58

Instrument :
BNA_M
ClientSampleId :

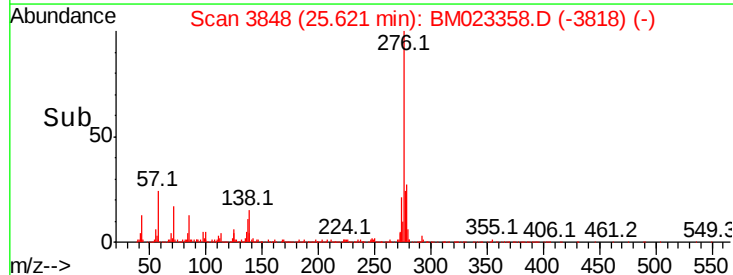
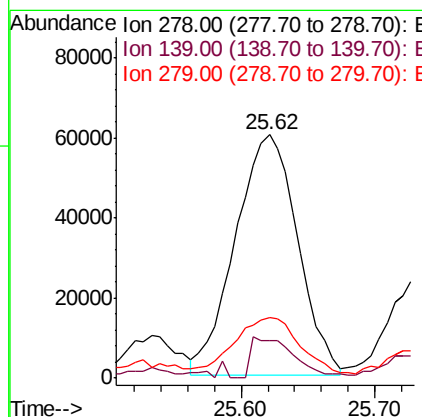
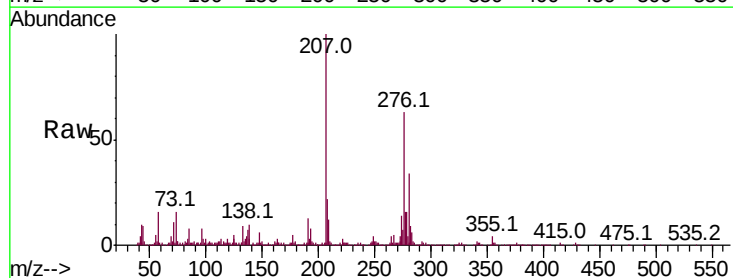
Tot Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.7	23.5
277	24.9	20.2	30.2

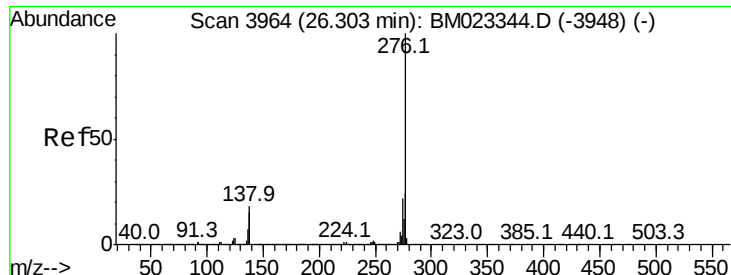


#93

Dibenzo(a,h)anthracene
Concen: 1.347 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. -0.02 min
Lab File: BM023358.D
Acq: 24 Oct 2019 00:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	10.9	16.3
279	25.0	18.7	28.1





#94

Benzo(a,h,i)perylene

Concen: 3.743 ng/ul

RT: 26.28 min Scan# 3960

Delta R.T. -0.02 min

Lab File: BM023358.D

Acq: 24 Oct 2019 00:58

Instrument :

BNA_M

ClientSampleId :

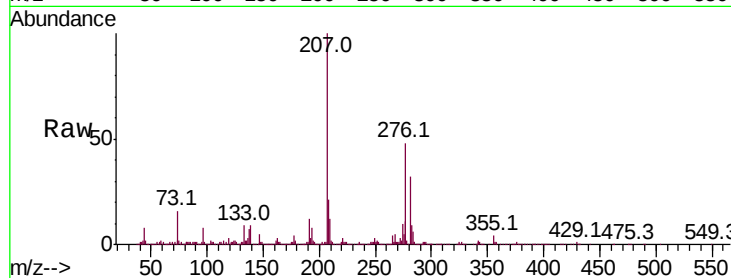
Tot Ion:276 Resp: 520844

Ion Ratio Lower Upper

276 100

138 18.1 14.4 21.6

277 23.4 19.0 28.6



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

