

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024167.D
 Acq On : 18 Dec 2019 23:59
 Operator : JU
 Sample : K6171-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 19 02:43:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 17 15:54:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	437608	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1993804	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1282471	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	2633272	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1926144	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1879524	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.01	96	26095	2.63	ng/uL	0.00
5) Phenol-d5	6.65	99	580814	14.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	348075	14.01	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	454493	15.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	473660	13.98	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	224209	15.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	248261	15.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	481287	15.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	446092	11.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1535544	16.19	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1875407	16.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	170884	10.04	ng/ul	0.00
58) Fluorene-d10	15.11	176	1393424	16.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	130643	8.13	ng/ul	0.00
71) Anthracene-d10	16.96	188	2117540	17.67	ng/ul	0.00
79) Pyrene-d10	19.27	212	2221396	24.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1759036	18.84	ng/ul	0.00

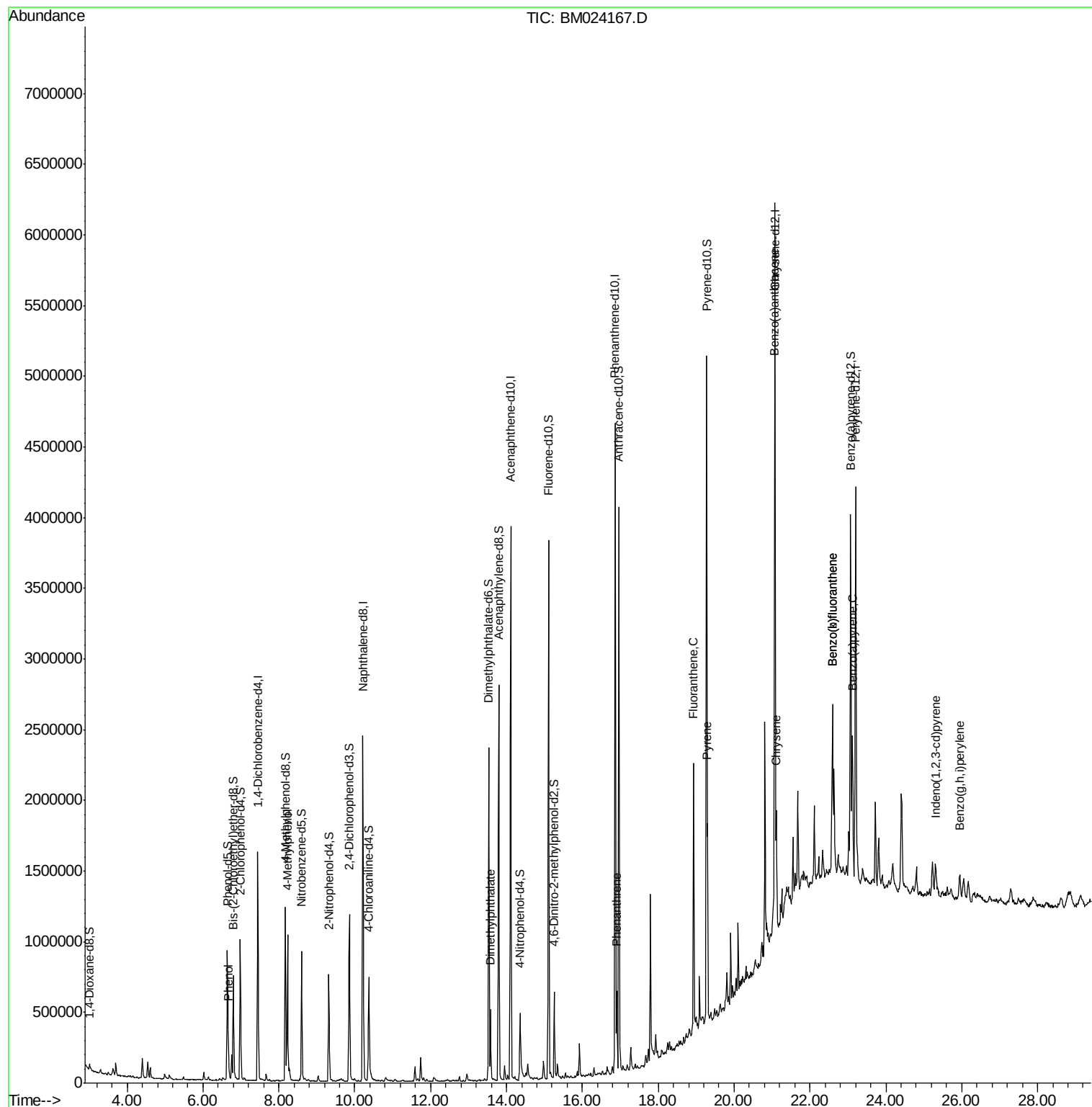
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.67	94	64991	1.519	ng/ul	97
16) 4-Methylphenol	8.23	108	392876	11.124	ng/ul	86
45) Dimethylphthalate	13.58	163	307537	3.120	ng/ul	98
70) Phenanthrene	16.90	178	316957	2.150	ng/ul	100
77) Fluoranthene	18.93	202	1101195	6.853	ng/ul	100
80) Pyrene	19.30	202	884056	7.030	ng/ul	100
83) Benzo(a)anthracene	21.06	228	407875	3.324	ng/ul	99
85) Chrysene	21.11	228	412838	3.432	ng/ul	97
88) Benzo(b)fluoranthene	22.58	252	513664	4.568	ng/ul#	94
89) Benzo(k)fluoranthene	22.58	252	513664	4.655	ng/ul#	95
91) Benzo(a)pyrene	23.11	252	317166	3.118	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.31	276	226388	1.853	ng/ul	96
94) Benzo(g,h,i)perylene	25.95	276	225059	2.256	ng/ul	97

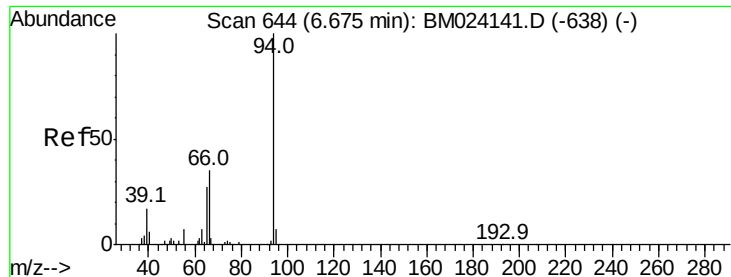
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.519 ng/ul

RT: 6.67 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM024167.D

Acq: 18 Dec 2019 23:59

Instrument :

BNA_M

ClientSampleId :

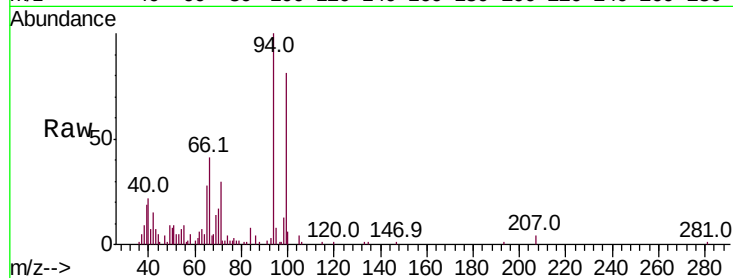
Tot Ion: 94 Resp: 64991

Ion Ratio Lower Upper

94 100

65 28.4 22.6 33.8

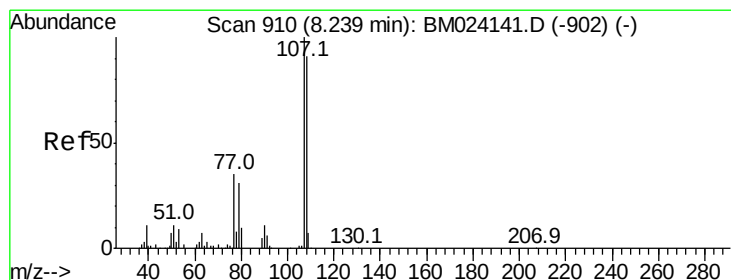
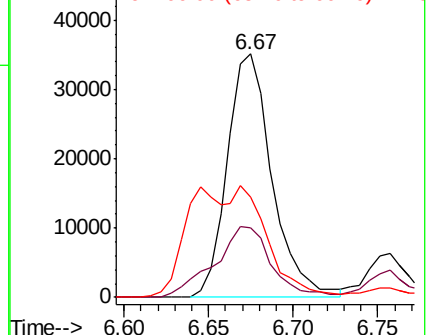
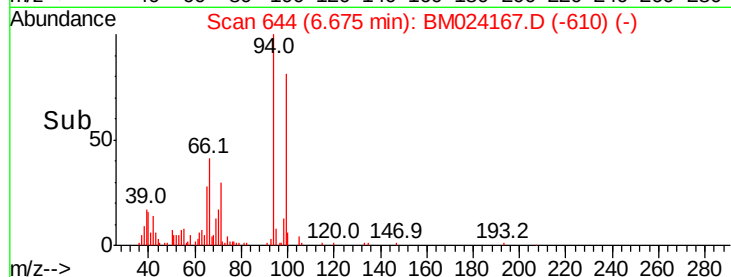
66 41.0 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM024167.D (-610) (-)

Ion 65.00 (64.70 to 65.70): BM024167.D (-610) (-)

Ion 66.00 (65.70 to 66.70): BM024167.D (-610) (-)



#16

4-Methylphenol

Concen: 11.124 ng/ul

RT: 8.23 min Scan# 908

Delta R.T. -0.01 min

Lab File: BM024167.D

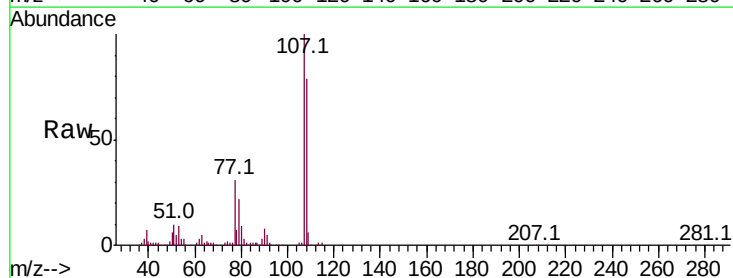
Acq: 18 Dec 2019 23:59

Tgt Ion: 108 Resp: 392876

Ion Ratio Lower Upper

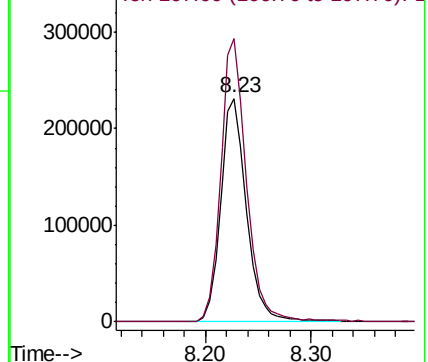
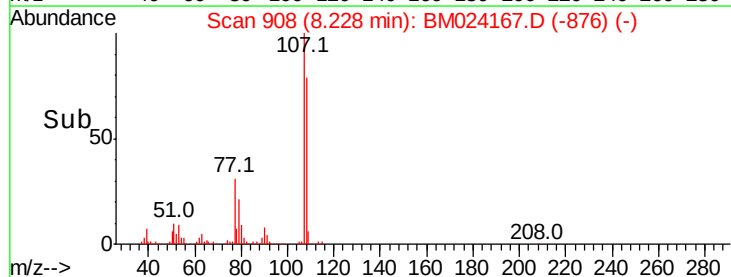
108 100

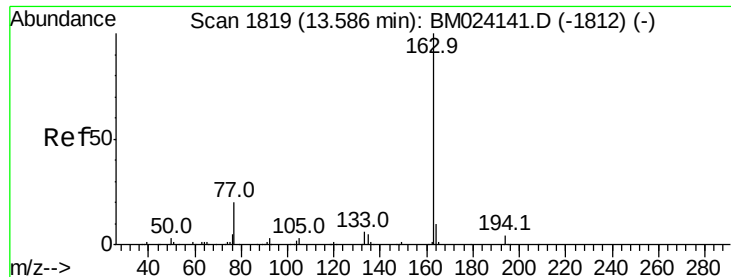
107 126.8 89.1 133.7



Abundance Ion 108.00 (107.70 to 108.70): BM024167.D (-876) (-)

Ion 107.00 (106.70 to 107.70): BM024167.D (-876) (-)

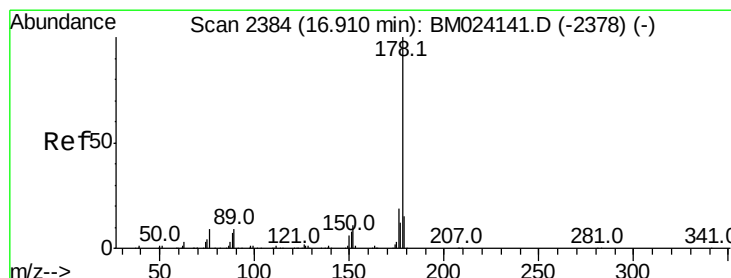
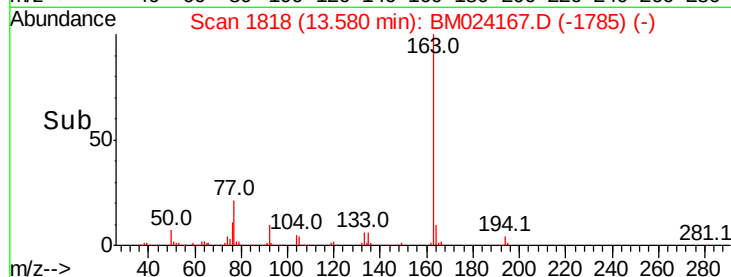
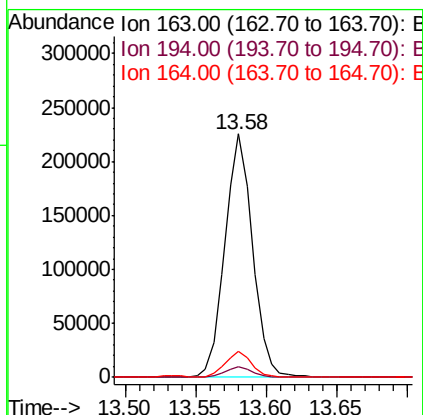
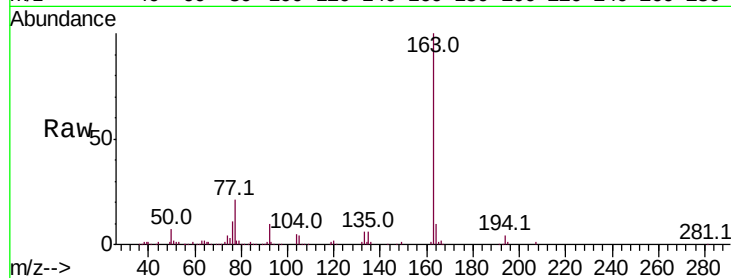




#45
Dimethylphthalate
Concen: 3.120 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM024167.D
Acq: 18 Dec 2019 23:59

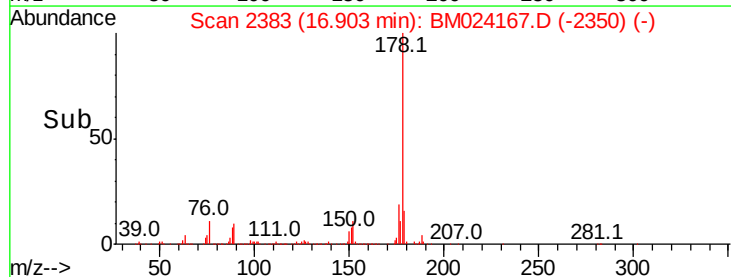
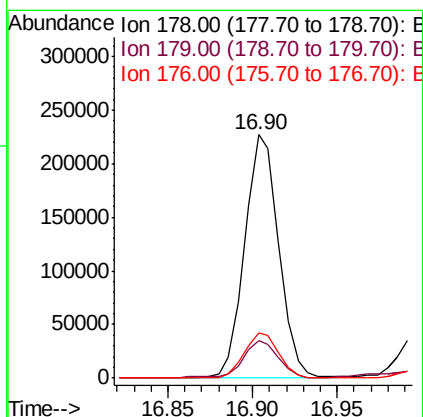
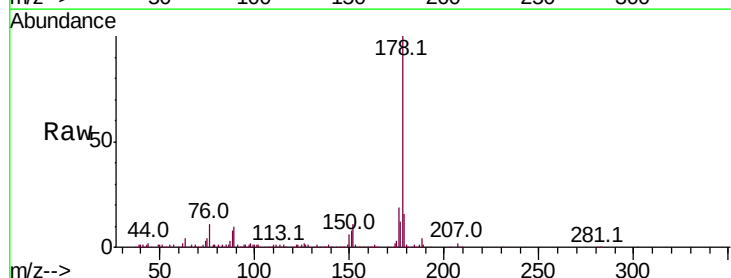
Instrument :
BNA_M
ClientSampleId :

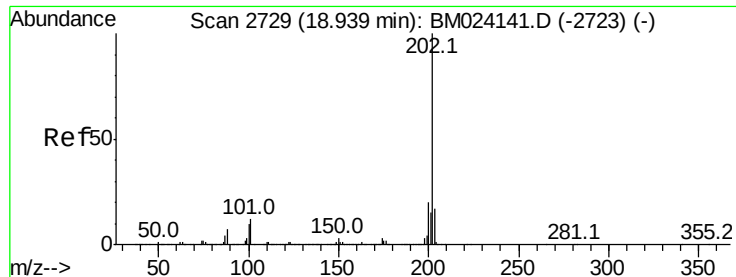
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.5	7.8	11.6



#70
Phenanthrene
Concen: 2.150 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM024167.D
Acq: 18 Dec 2019 23:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.8	15.1	22.7

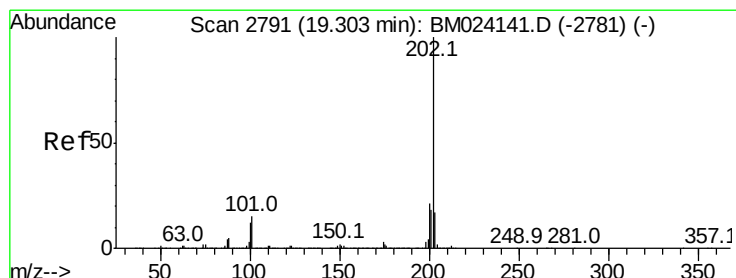
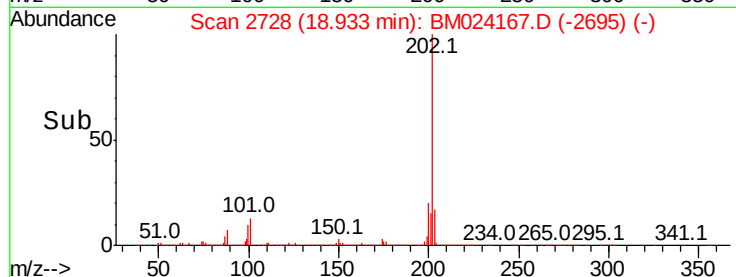
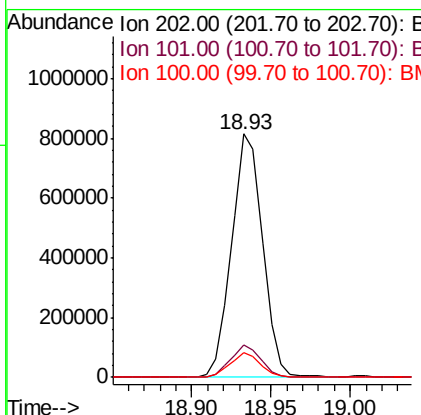
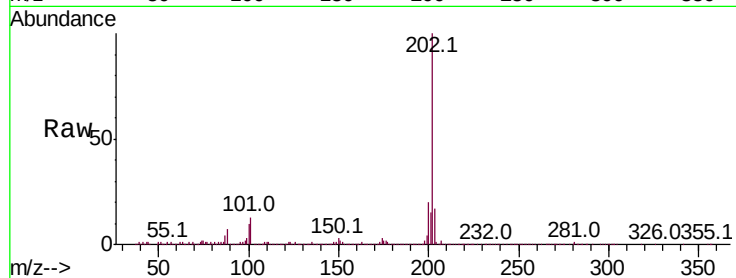




#77
Fluoranthene
Concen: 6.853 ng/ul
RT: 18.93 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BM024167.D
Acq: 18 Dec 2019 23:59

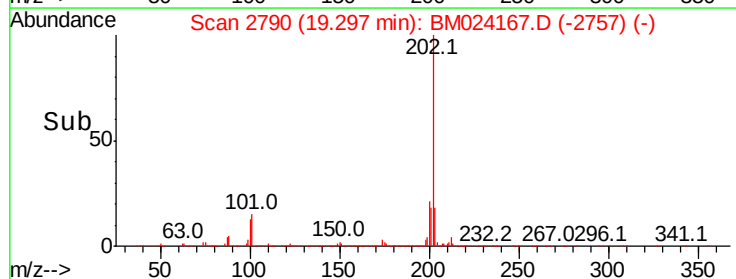
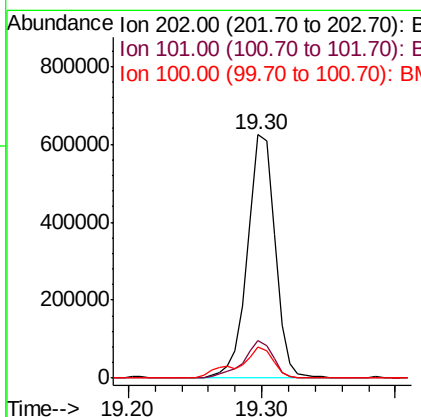
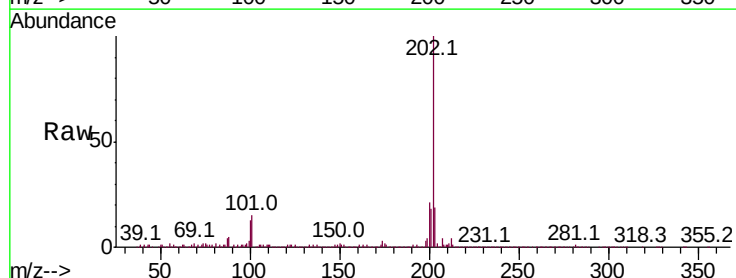
Instrument :
BNA_M
ClientSampleId :

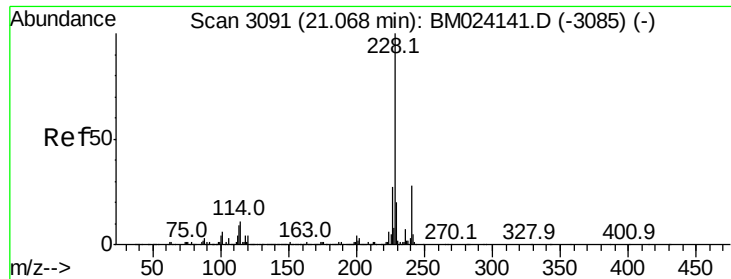
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	15.8
100	10.0	8.1	12.1



#80
Pyrene
Concen: 7.030 ng/ul
RT: 19.30 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM024167.D
Acq: 18 Dec 2019 23:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.2	18.4
100	12.7	10.0	15.0





#83

Benzo(a)anthracene

Concen: 3.324 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM024167.D

Acq: 18 Dec 2019 23:59

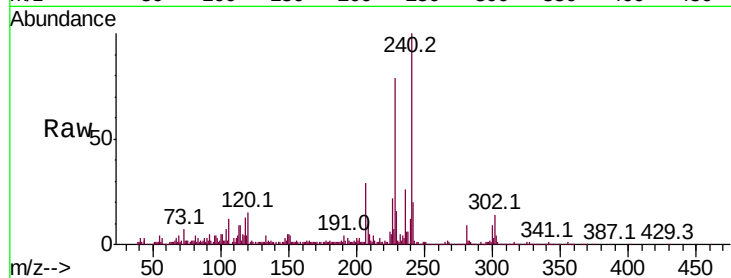
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 407875

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	27.8	22.2	33.2

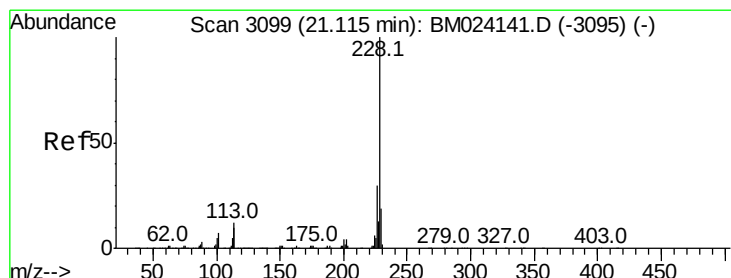
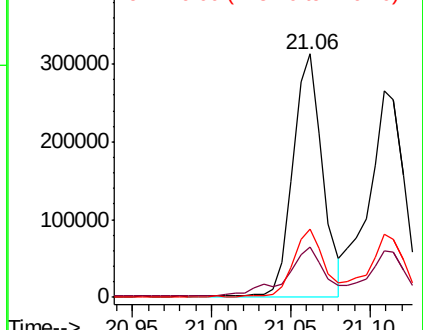
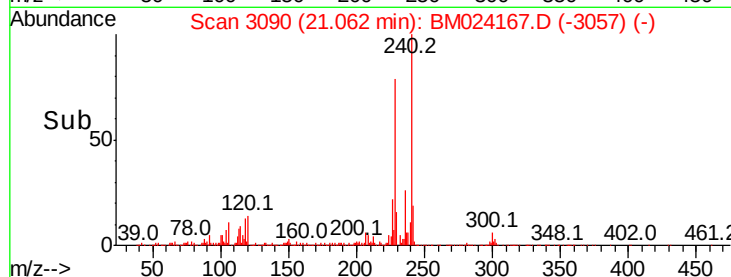


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 3.432 ng/ul

RT: 21.11 min Scan# 3098

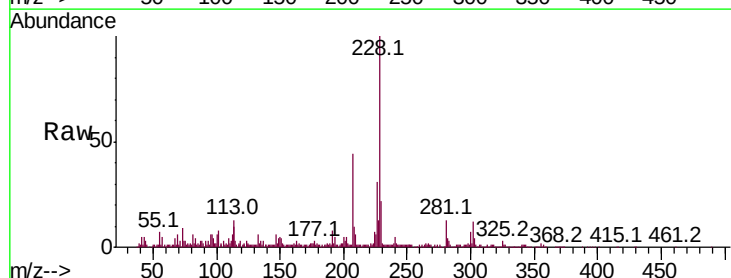
Delta R.T. -0.01 min

Lab File: BM024167.D

Acq: 18 Dec 2019 23:59

Tgt Ion:228 Resp: 412838

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	22.3	15.4	23.2

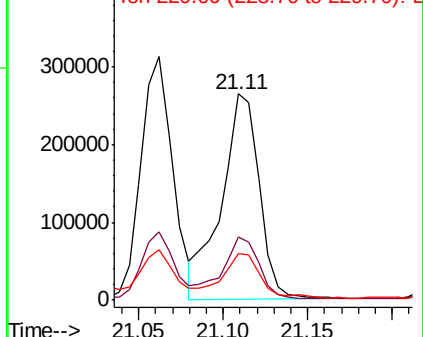
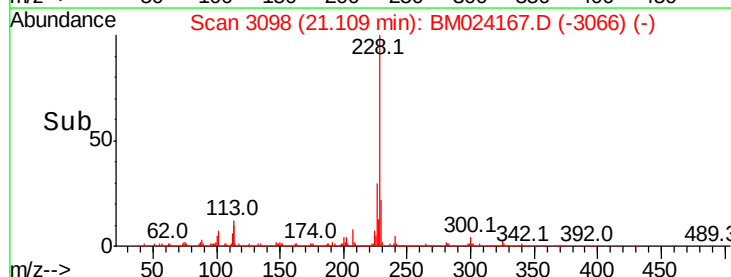


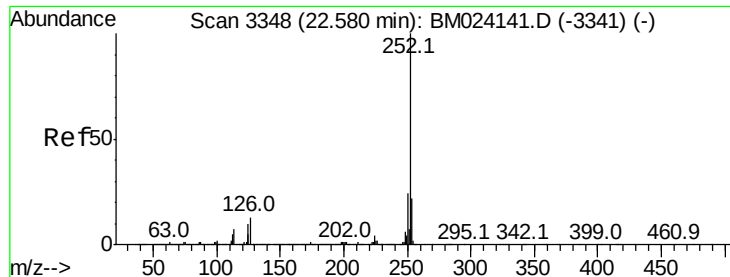
Abundance

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: 4.568 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024167.D

Acq: 18 Dec 2019 23:59

Instrument :

BNA_M

ClientSampleId :

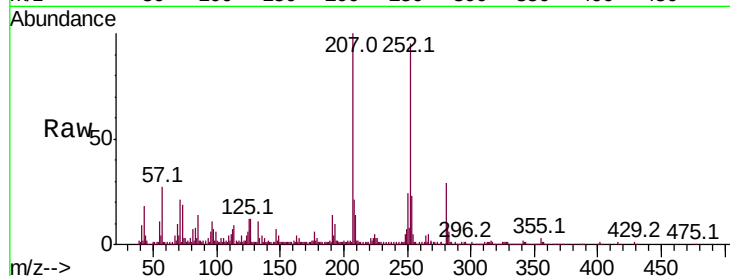
Tot Ion:252 Resp: 513664

Ion Ratio Lower Upper

252 100

253 24.4 17.2 25.8

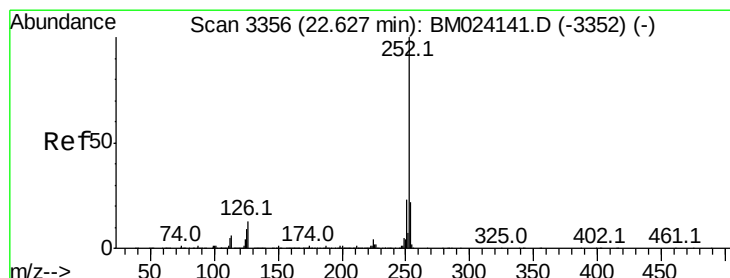
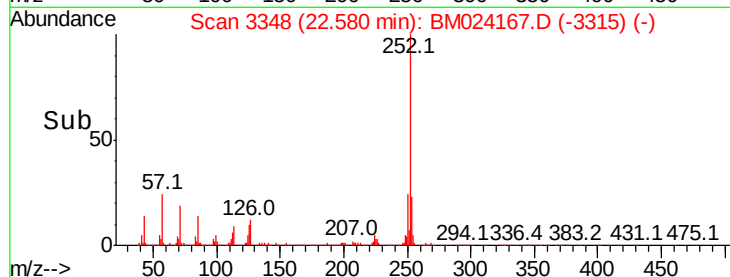
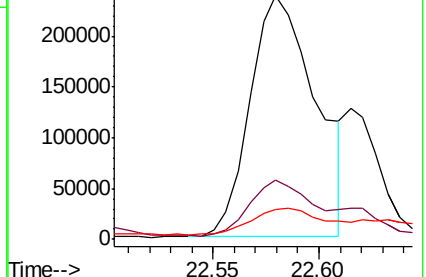
125 12.4 7.8 11.8#



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: 4.655 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. -0.05 min

Lab File: BM024167.D

Acq: 18 Dec 2019 23:59

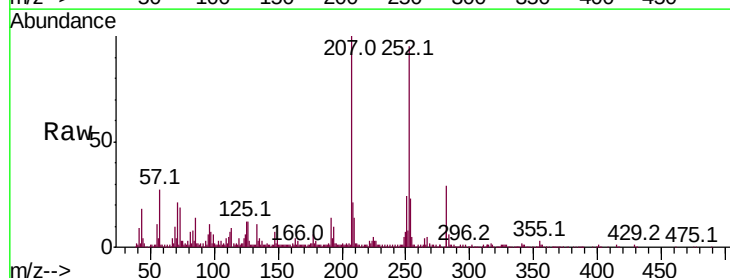
Tgt Ion:252 Resp: 513664

Ion Ratio Lower Upper

252 100

253 24.4 17.8 26.8

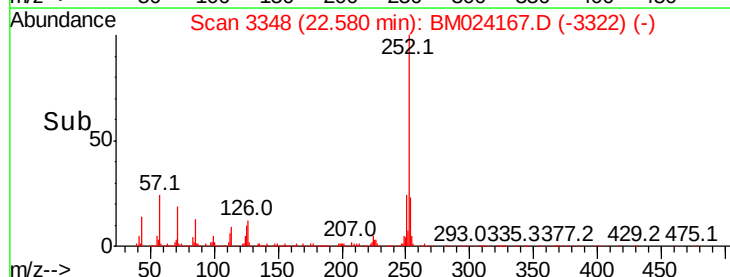
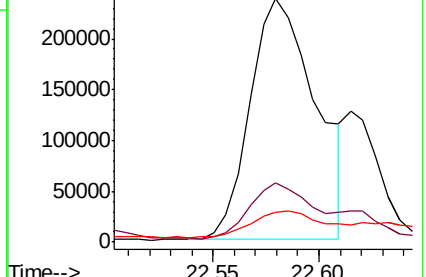
125 12.4 7.9 11.9#

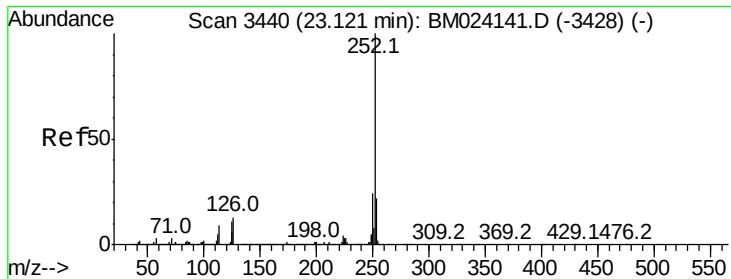


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.118 ng/ul

RT: 23.11 min Scan# 3439

Delta R.T. -0.01 min

Lab File: BM024167.D

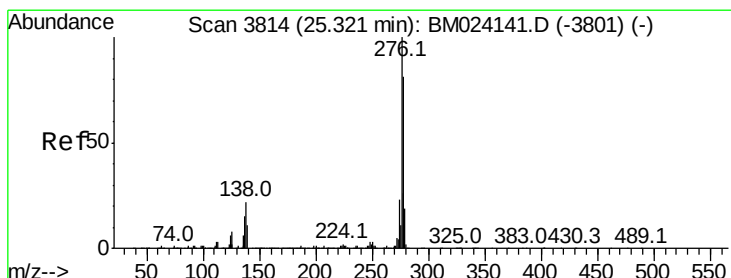
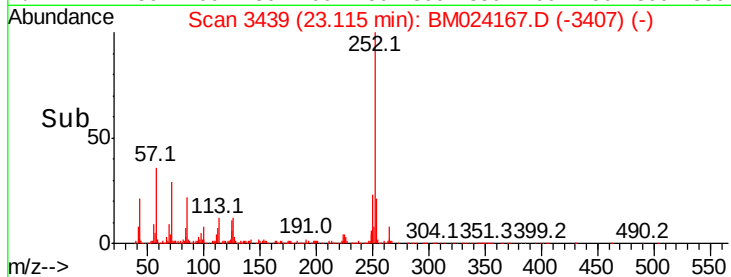
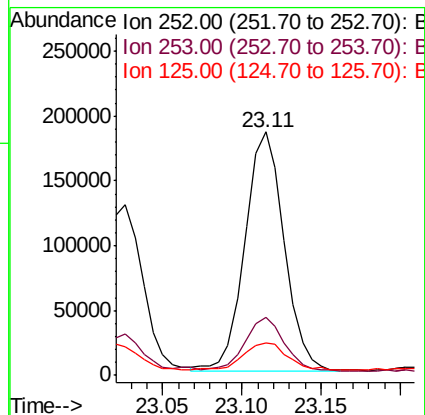
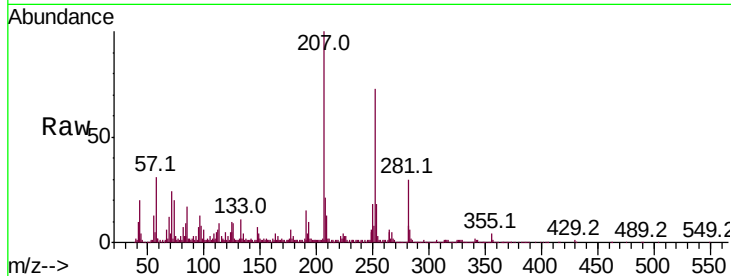
Acq: 18 Dec 2019 23:59

Instrument :

BNA_M

ClientSampled :

Tot Ion:	252	Resp:	317166
Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	13.5	8.2	12.4#



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.853 ng/ul

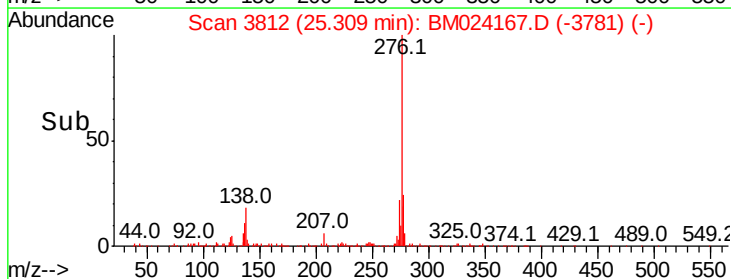
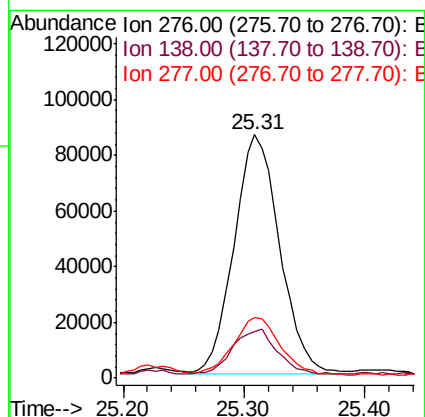
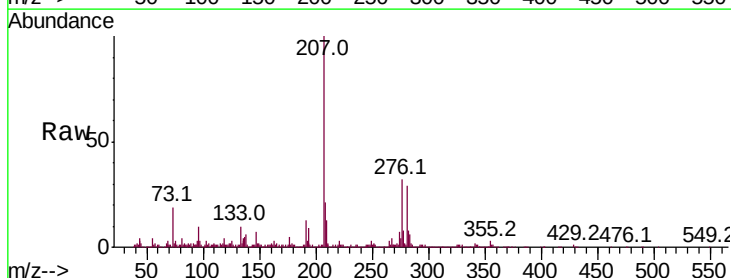
RT: 25.31 min Scan# 3812

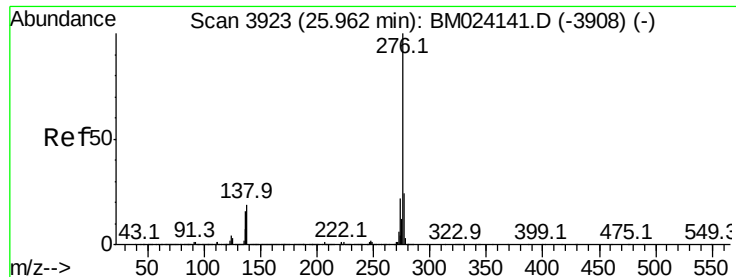
Delta R.T. -0.02 min

Lab File: BM024167.D

Acq: 18 Dec 2019 23:59

Tgt Ion:	276	Resp:	226388
Ion	Ratio	Lower	Upper
276	100		
138	19.3	18.3	27.5
277	24.7	20.2	30.2





#94

Benzo(a,h,i)perylene

Concen: 2.256 ng/ul

RT: 25.95 min Scan# 3921

Delta R.T. -0.02 min

Lab File: BM024167.D

Acq: 18 Dec 2019 23:59

Instrument :

BNA_M

ClientSampleId :

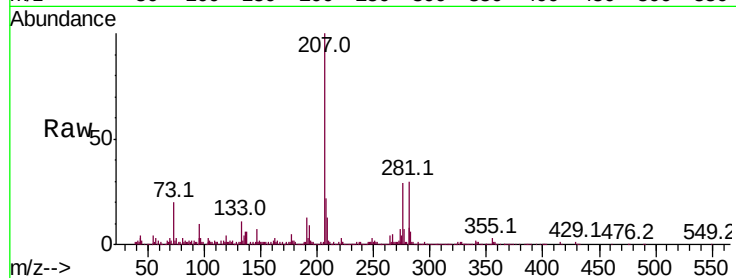
Tot Ion:276 Resp: 225059

Ion Ratio Lower Upper

276 100

138 21.4 15.3 22.9

277 25.2 19.3 28.9



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

