

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
 Data File : BM026166.D
 Acq On : 28 May 2020 21:41
 Operator : MA/SJ
 Sample : L2785-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 29 01:27:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 28 11:12:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	144553	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	608328	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	353106	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	756120	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	798599	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	831063	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	22826	4.76	ng/uL	0.00
5) Phenol-d5	6.67	99	454456	34.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	307286	33.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	344654	33.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	346330	35.05	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	172641	34.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	184503	37.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	330808	33.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	446482	44.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	995219	35.15	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	1210807	36.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	169791	33.86	ng/ul	0.00
58) Fluorene-d10	15.13	176	881006	35.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	136186	30.89	ng/ul	0.00
71) Anthracene-d10	16.97	188	1330586	35.71	ng/ul	0.00
79) Pyrene-d10	19.27	212	1566498	38.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1705728	38.56	ng/ul	0.00

Target Compounds

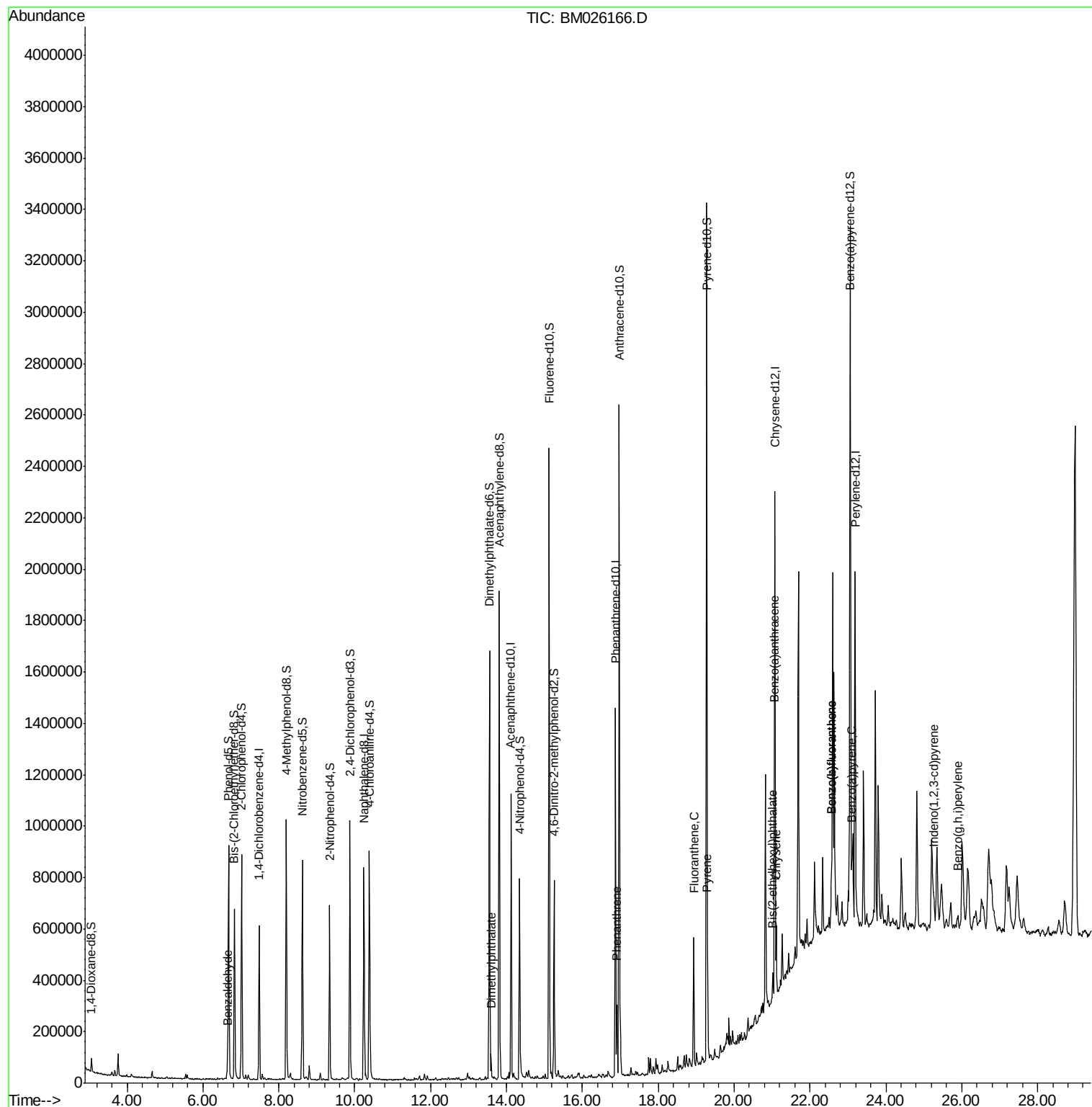
					Ovalue
4) Benzaldehyde	6.64	77	11124	1.304	ng/ul 98
45) Dimethylphthalate	13.60	163	55137	1.855	ng/ul 98
70) Phenanthrene	16.92	178	151379	3.178	ng/ul 99
77) Fluoranthene	18.94	202	272913	5.463	ng/ul 99
80) Pyrene	19.30	202	246807	4.402	ng/ul 96
83) Benzo(a)anthracene	21.06	228	146469	2.661	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.02	149	33059	1.075	ng/ul# 99
85) Chrysene	21.11	228	144439	2.640	ng/ul 96
88) Benzo(b)fluoranthene	22.57	252	186772	3.323	ng/ul# 93
89) Benzo(k)fluoranthene	22.57	252	186772	3.326	ng/ul# 93
91) Benzo(a)pyrene	23.10	252	125693	2.541	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.26	276	89175	1.389	ng/ul 95
94) Benzo(g,h,i)perylene	25.89	276	53635	1.001	ng/ul 97

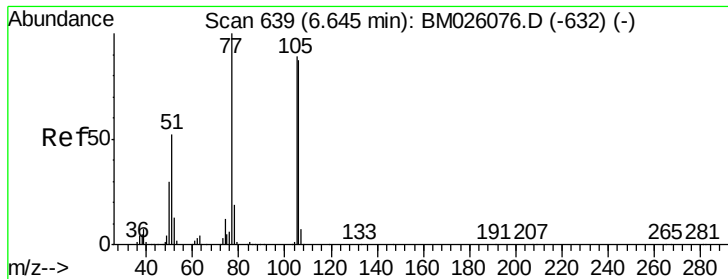
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 28 11:12:05 2020
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.304 ng/ul

RT: 6.64 min Scan# 638

Delta R.T. 0.01 min

Lab File: BM026166.D

Acq: 28 May 2020 21:41

Instrument :

BNA_M

ClientSampleId :

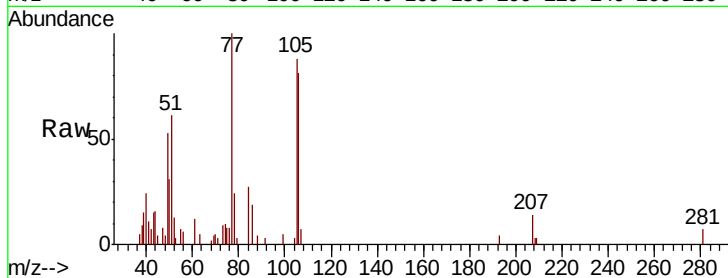
Tot Ion: 77 Resp: 11124

Ion Ratio Lower Upper

77 100

105 88.2 68.6 102.8

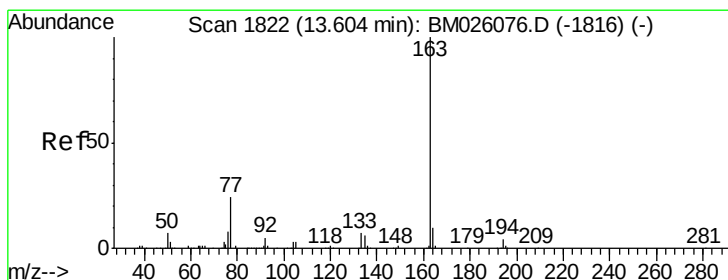
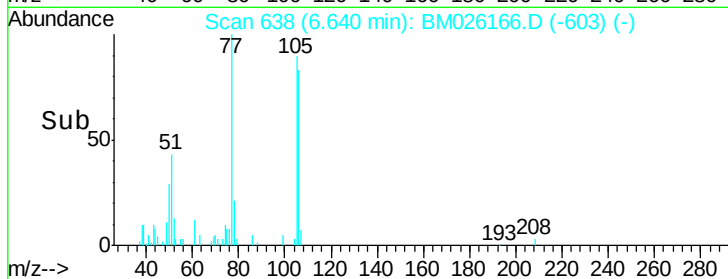
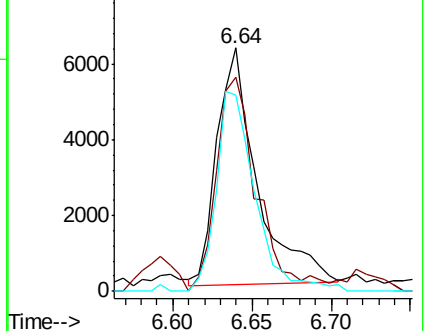
106 80.8 63.4 95.0



Abundance Ion 77.00 (76.70 to 77.70): BM026166.D (-632) (-)

Ion 105.00 (104.70 to 105.70): BM026166.D (-632) (-)

Ion 106.00 (105.70 to 106.70): BM026166.D (-632) (-)



#45

Dimethylphthalate

Concen: 1.855 ng/ul

RT: 13.60 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BM026166.D

Acq: 28 May 2020 21:41

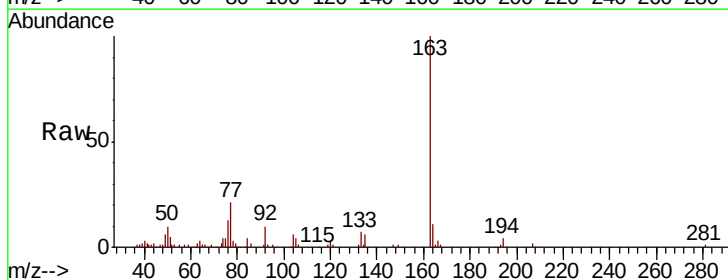
Tgt Ion: 163 Resp: 55137

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

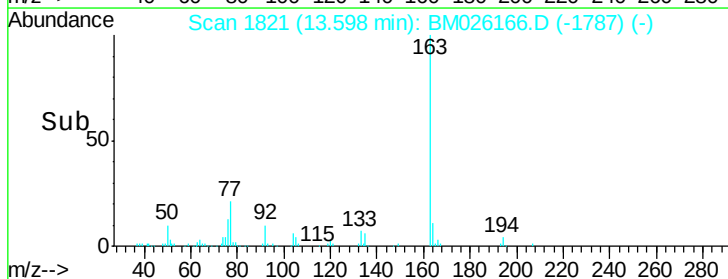
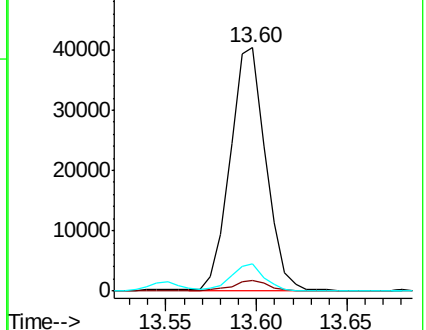
164 11.0 8.0 12.0

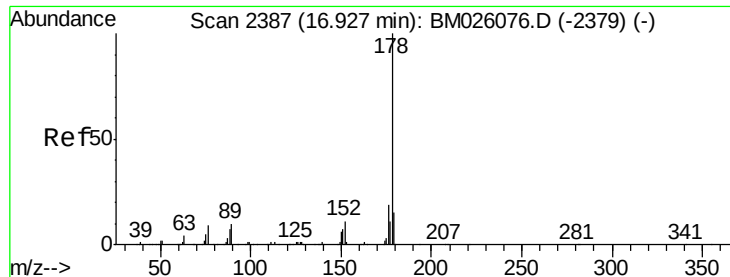


Abundance Ion 163.00 (162.70 to 163.70): BM026166.D (-1787) (-)

Ion 194.00 (193.70 to 194.70): BM026166.D (-1787) (-)

Ion 164.00 (163.70 to 164.70): BM026166.D (-1787) (-)





#70

Phenanthrene

Concen: 3.178 ng/ul

RT: 16.92 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM026166.D

Acq: 28 May 2020 21:41

Instrument :

BNA_M

ClientSampleId :

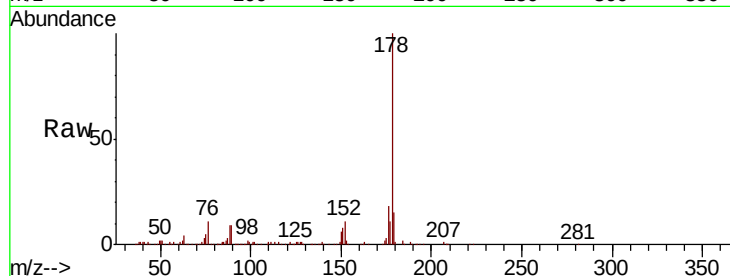
Tot Ion:178 Resp: 151379

Ion Ratio Lower Upper

178 100

179 15.3 11.9 17.9

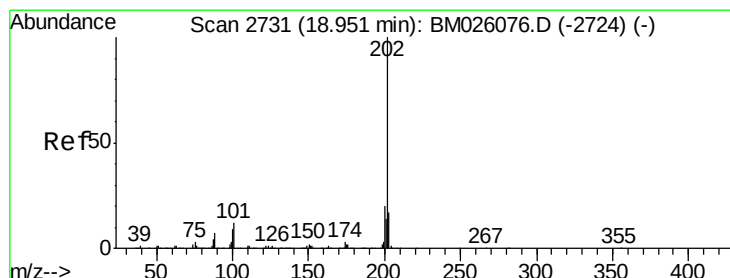
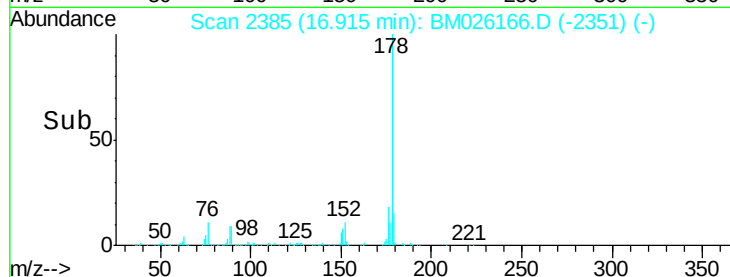
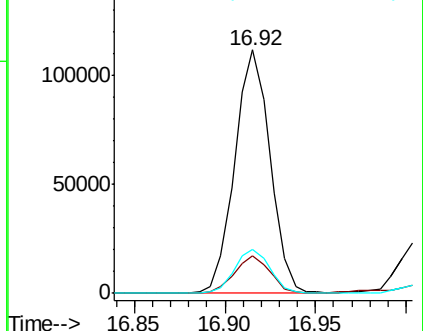
176 18.3 14.9 22.3



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: 5.463 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM026166.D

Acq: 28 May 2020 21:41

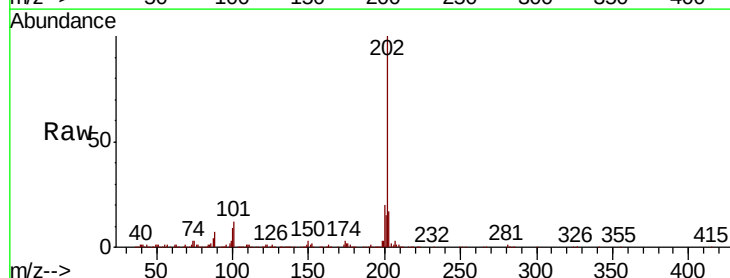
Tgt Ion:202 Resp: 272913

Ion Ratio Lower Upper

202 100

101 12.2 9.5 14.3

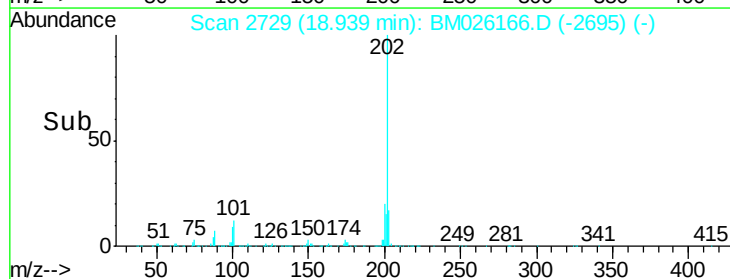
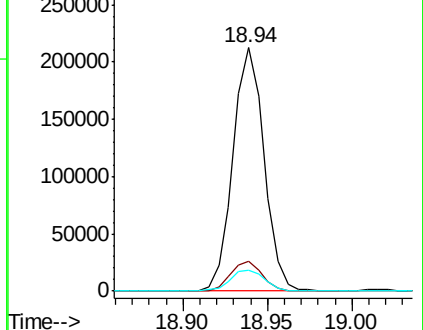
100 8.7 7.6 11.4

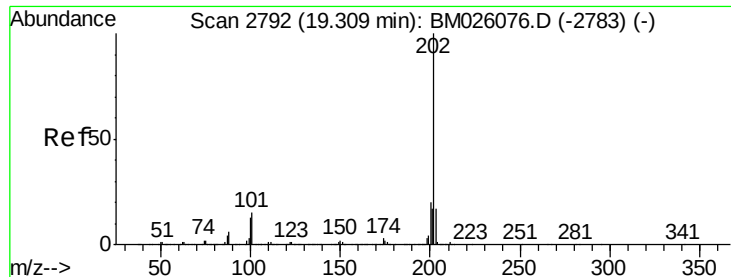


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

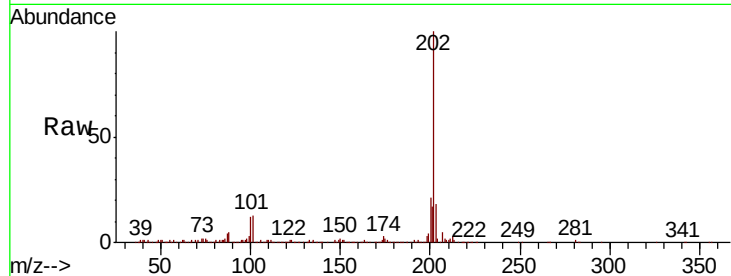




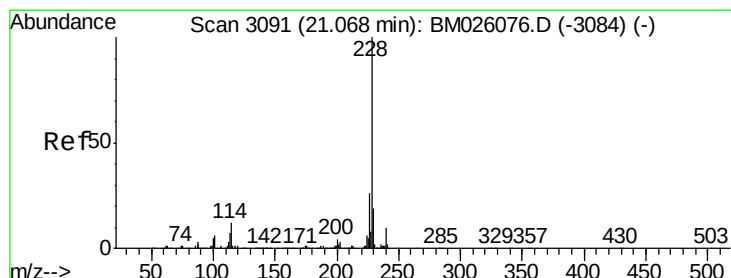
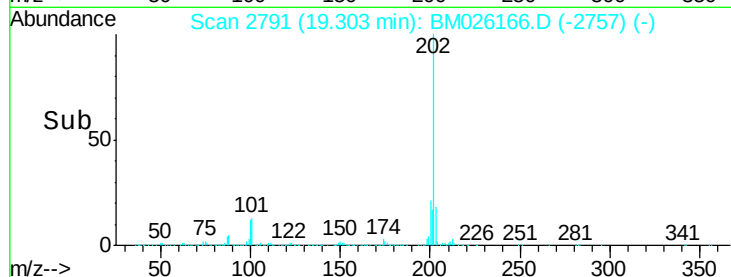
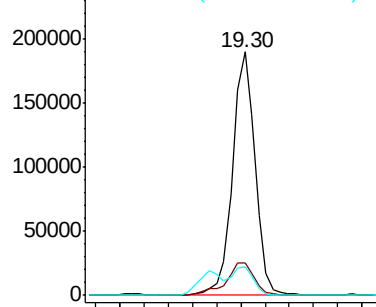
#80
Pvrene
Concen: 4.402 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM026166.D
Acq: 28 May 2020 21:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	12.2	18.4
100	11.9	10.2	15.4

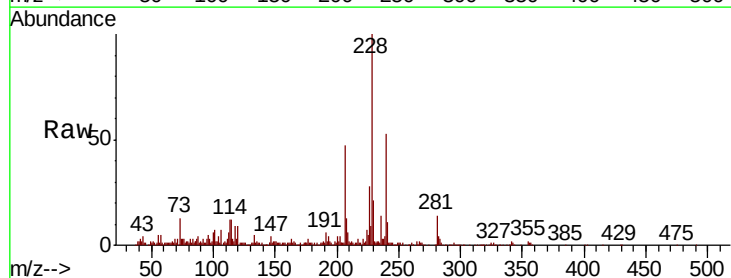


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

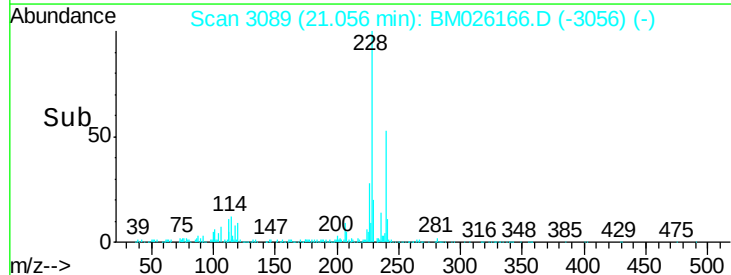
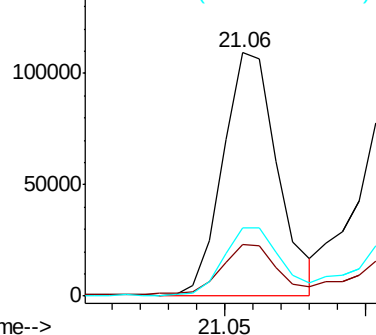


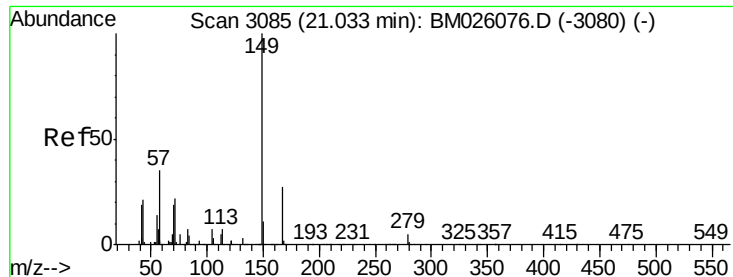
#83
Benzo(a)anthracene
Concen: 2.661 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM026166.D
Acq: 28 May 2020 21:41

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.5	23.3
226	28.2	21.2	31.8



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.075 ng/ul

RT: 21.02 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM026166.D

Acq: 28 May 2020 21:41

Instrument :

BNA_M

ClientSampleId :

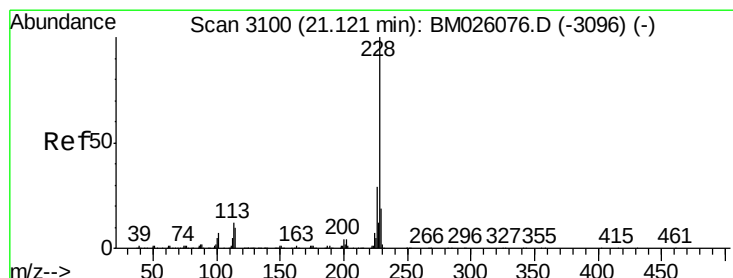
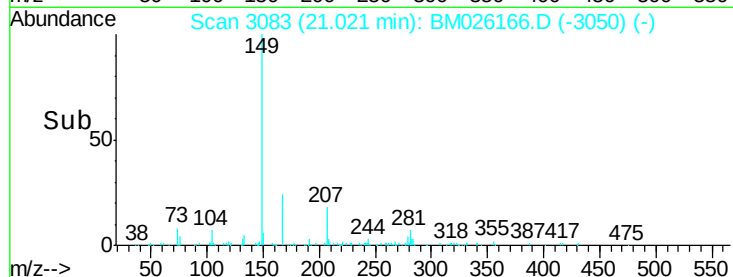
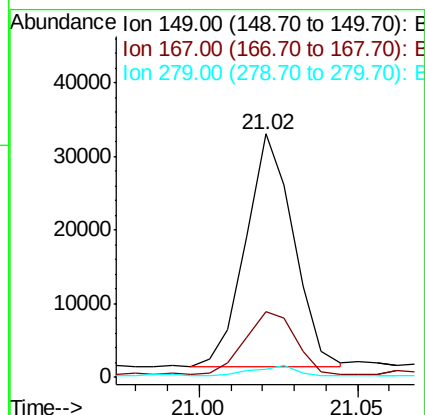
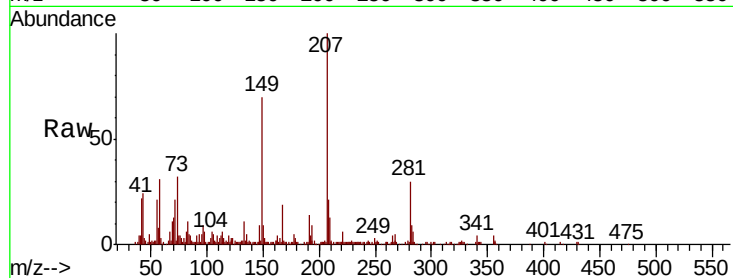
Tot Ion:149 Resp: 33059

Ion Ratio Lower Upper

149 100

167 27.1 21.7 32.5

279 3.2 3.7 5.5#



#85

Chrysene

Concen: 2.640 ng/ul

RT: 21.11 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM026166.D

Acq: 28 May 2020 21:41

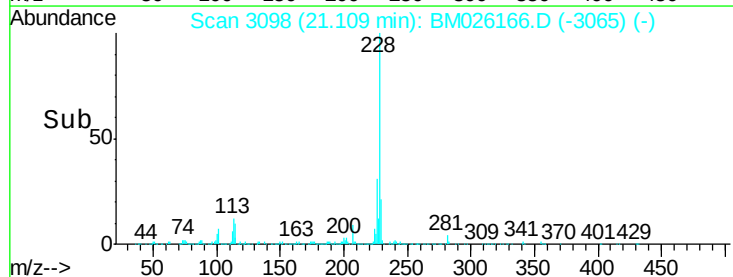
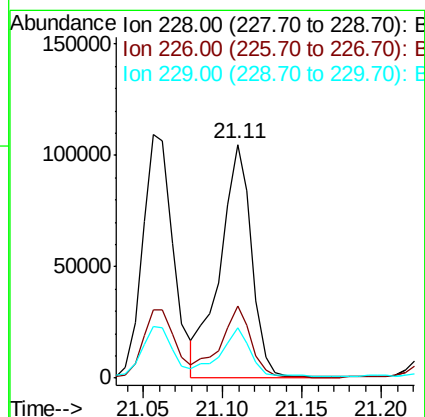
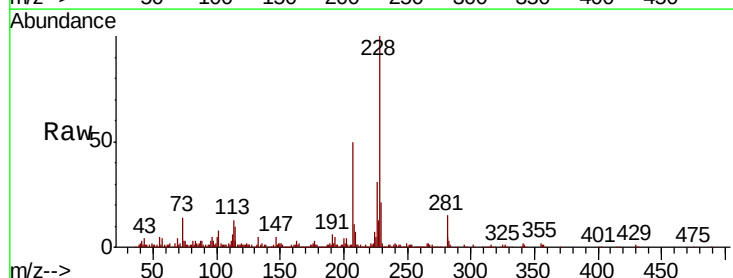
Tgt Ion:228 Resp: 144439

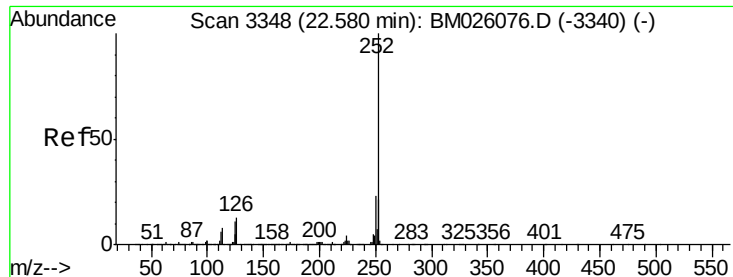
Ion Ratio Lower Upper

228 100

226 30.7 23.0 34.6

229 21.4 15.5 23.3





#88

Benzo(b)fluoranthene

Concen: 3.323 ng/ul

RT: 22.57 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BM026166.D

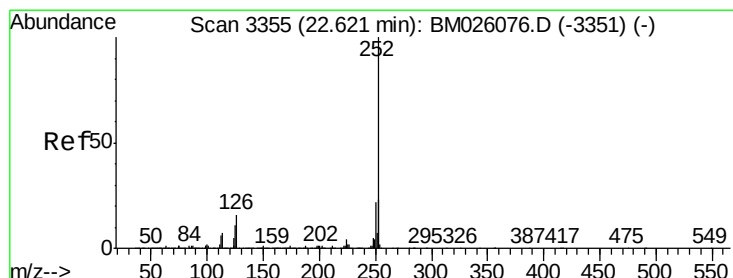
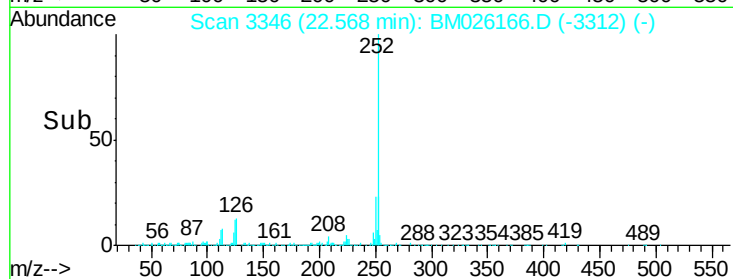
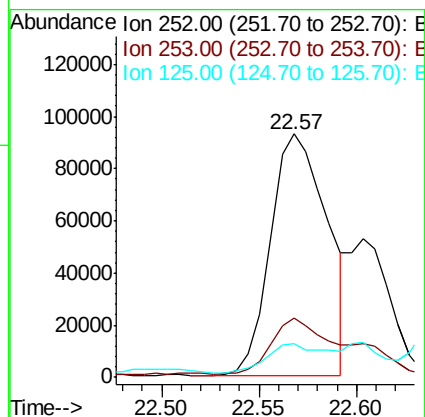
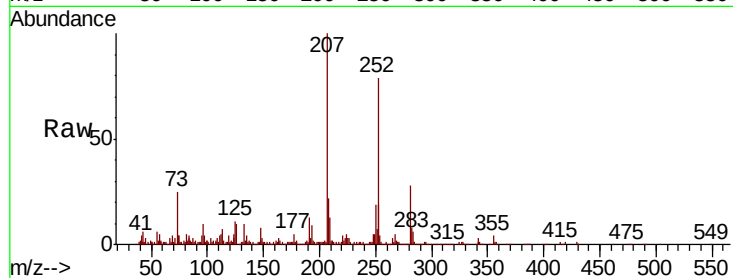
Acq: 28 May 2020 21:41

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	186772
Ion Ratio	Lower	Upper
252	100	
253	24.3	17.1 25.7
125	14.0	8.9 13.3#



#89

Benzo(k)fluoranthene

Concen: 3.326 ng/ul

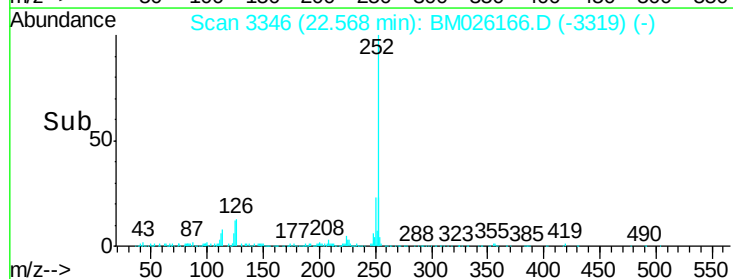
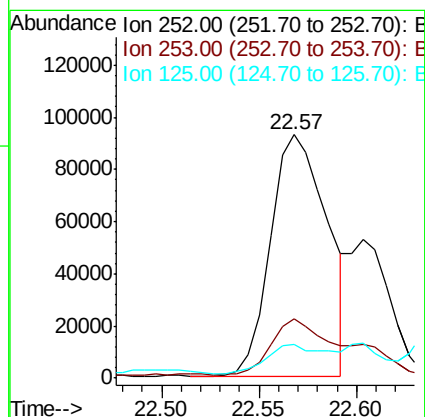
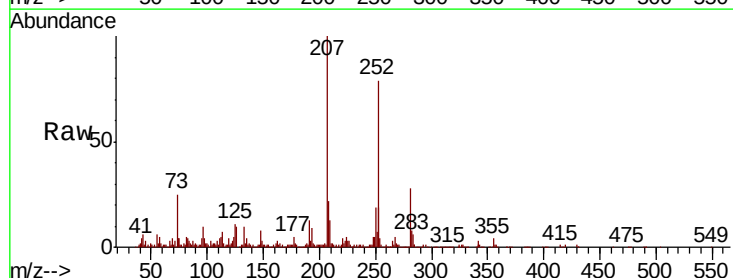
RT: 22.57 min Scan# 3346

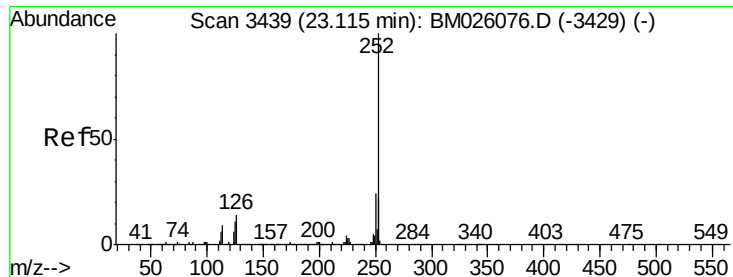
Delta R.T. -0.04 min

Lab File: BM026166.D

Acq: 28 May 2020 21:41

Tgt Ion:252	Resp:	186772
Ion Ratio	Lower	Upper
252	100	
253	24.3	17.0 25.4
125	14.0	8.6 13.0#





#91

Benzo(a)pyrene

Concen: 2.541 ng/ul

RT: 23.10 min Scan# 3436

Delta R.T. -0.01 min

Lab File: BM026166.D

Acq: 28 May 2020 21:41

Instrument :

BNA_M

ClientSampleId :

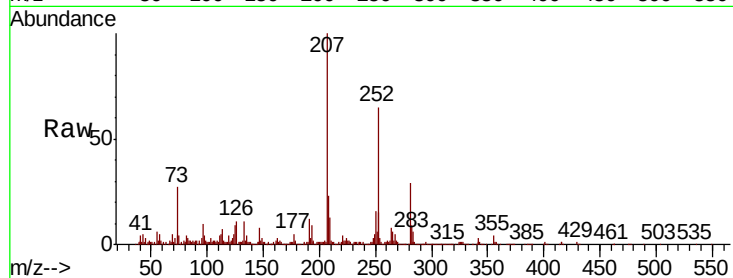
Tot Ion:252 Resp: 125693

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

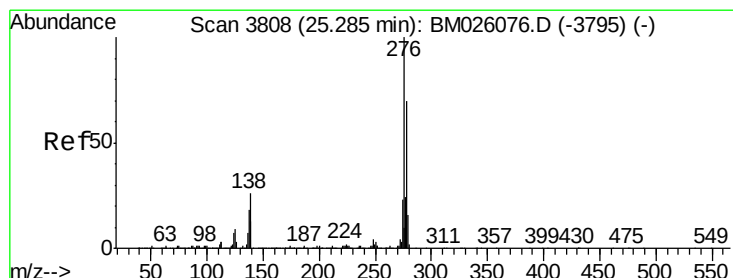
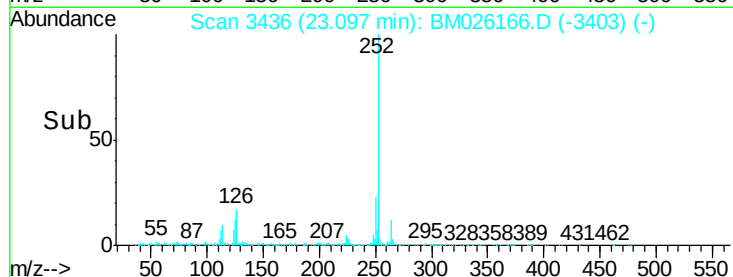
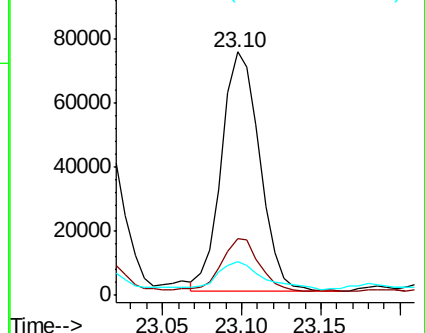
125 13.8 9.8 14.6



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.389 ng/ul

RT: 25.26 min Scan# 3804

Delta R.T. -0.01 min

Lab File: BM026166.D

Acq: 28 May 2020 21:41

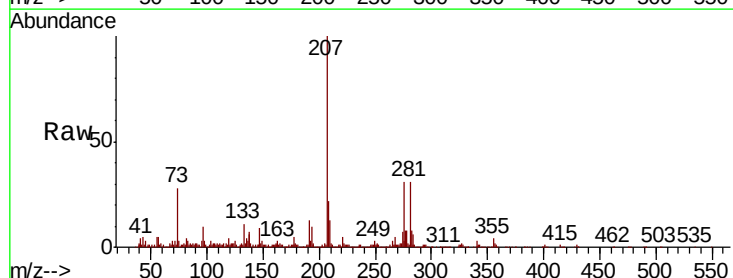
Tgt Ion:276 Resp: 89175

Ion Ratio Lower Upper

276 100

138 22.1 21.6 32.4

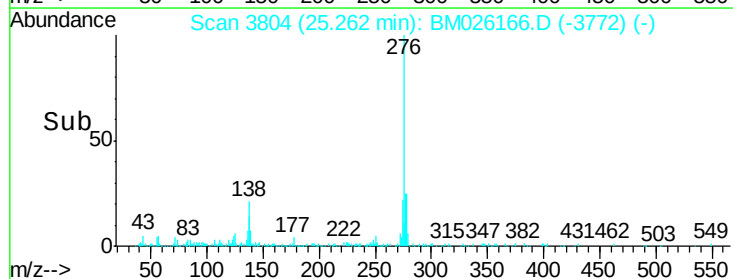
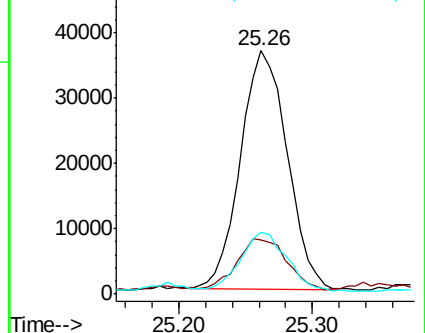
277 25.6 20.3 30.5

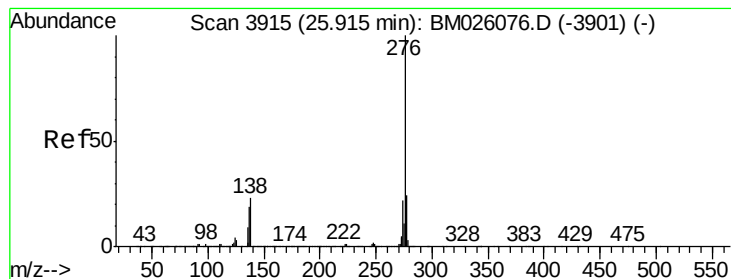


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.001 ng/ul

RT: 25.89 min Scan# 3911

Delta R.T. -0.01 min

Lab File: BM026166.D

Acq: 28 May 2020 21:41

Instrument :

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ClientSampleId :

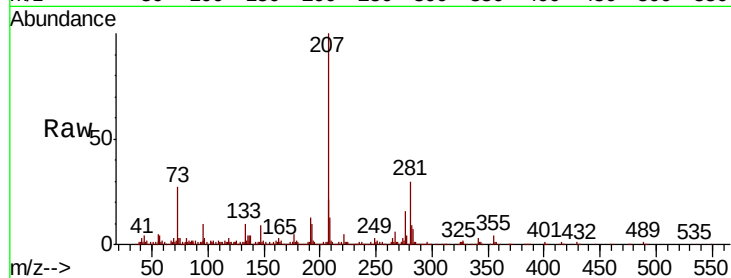
Tot Ion: 276 Resp: 53635

Ion Ratio Lower Upper

276 100

138 22.1 18.7 28.1

277 25.3 18.8 28.2



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

