

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM041520\
 Data File : BM025961.D
 Acq On : 15 Apr 2020 11:51
 Operator : MA/SJ
 Sample : SSTD3.279
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.279

Quant Time: Apr 15 12:23:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:17:24 2020
 Response via : Initial Calibration

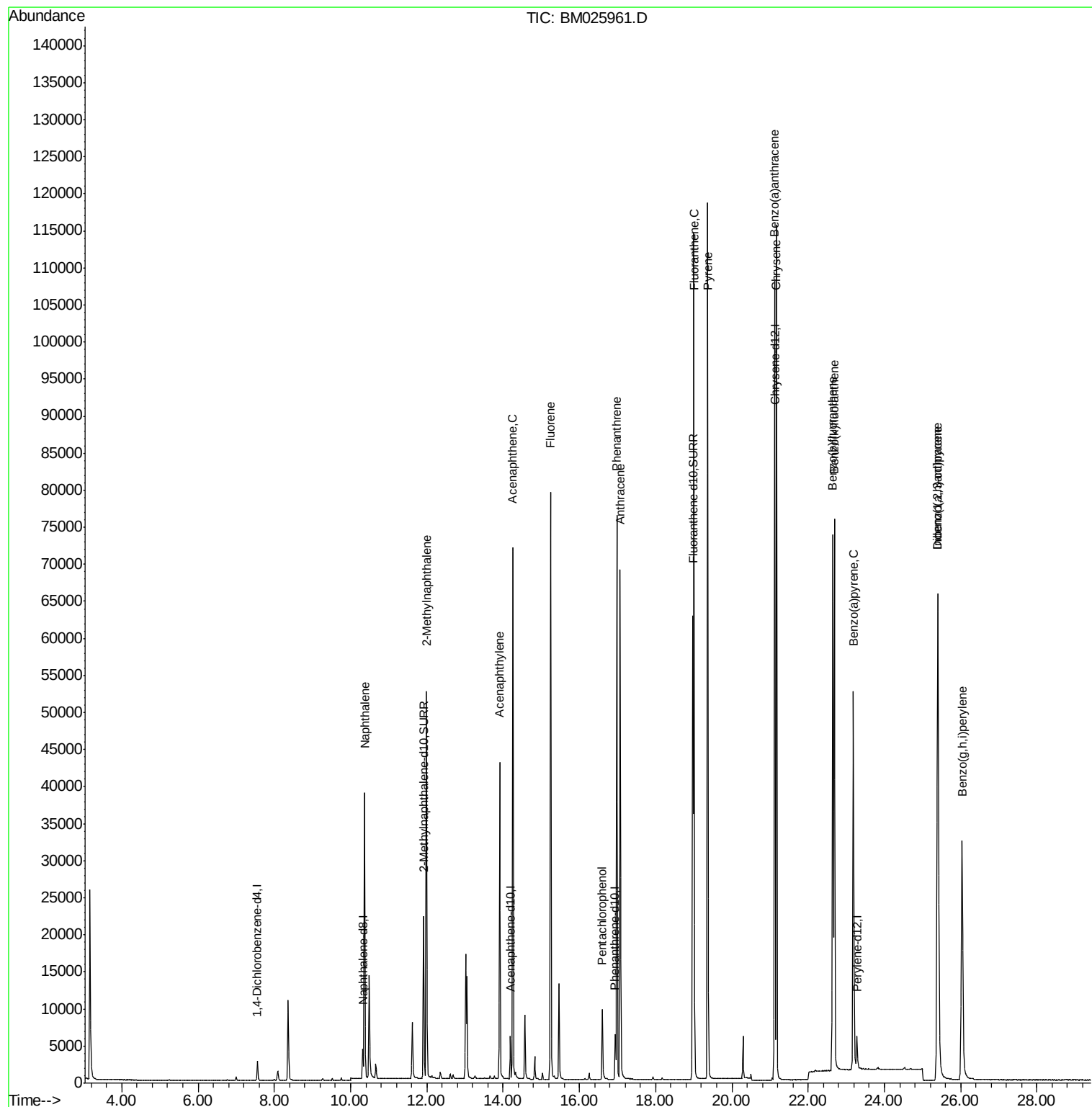
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1322	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	5045	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	3118	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6852	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	6561	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	5321	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	27705	3.09	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	69545	3.24	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	51408	3.465	ng/ul	96
5) 2-Methylnaphthalene	11.99	142	35767	3.446	ng/ul	98
7) Acenaphthylene	13.91	152	50513	3.789	ng/ul	97
8) Acenaphthene	14.26	153	40280	3.641	ng/ul	98
9) Fluorene	15.25	166	48731	3.551	ng/ul	99
11) Pentachlorophenol	16.60	266	7079	4.209	ng/ul	97
12) Phenanthrene	16.98	178	79407	3.679	ng/ul	98
13) Anthracene	17.07	178	74773	3.921	ng/ul	97
15) Fluoranthene	19.00	202	99352	3.725	ng/ul	99
17) Pyrene	19.37	202	97866	4.165	ng/ul	99
18) Benzo(a)anthracene	21.12	228	89893	3.833	ng/ul	98
19) Chrysene	21.17	228	94506	3.692	ng/ul	98
21) Benzo(b)fluoranthene	22.64	252	84838	4.332	ng/ul	92
22) Benzo(k)fluoranthene	22.68	252	88215	4.201	ng/ul#	90
23) Benzo(a)pyrene	23.19	252	71513	4.086	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.39	276	80319	3.427	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.40	278	63987	3.271	ng/ul#	88
26) Benzo(g,h,i)perylene	26.03	276	68641	3.462	ng/ul	94

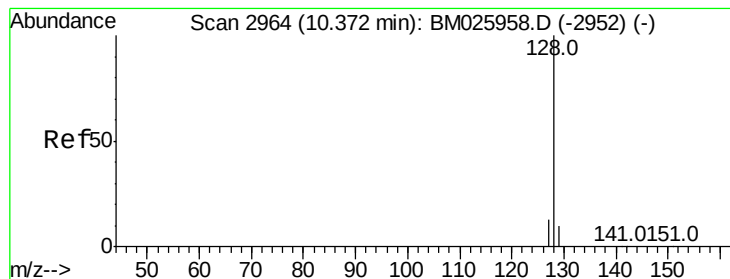
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.465 ng/ul

RT: 10.37 min Scan# 2963

Delta R.T. -0.00 min

Lab File: BM025961.D

Acq: 15 Apr 2020 11:51

Instrument :

BNA_M

ClientSampleId :

SSTD3.279

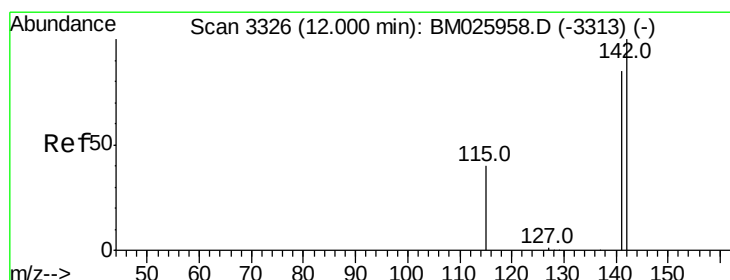
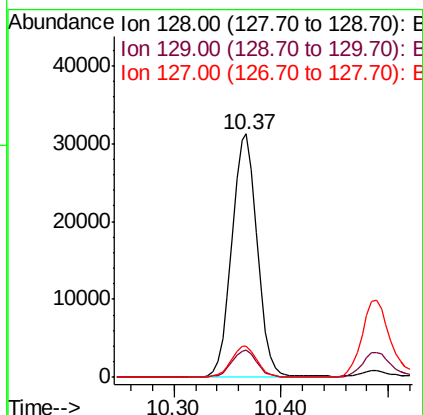
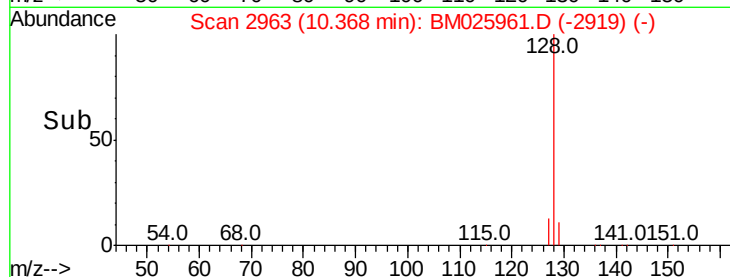
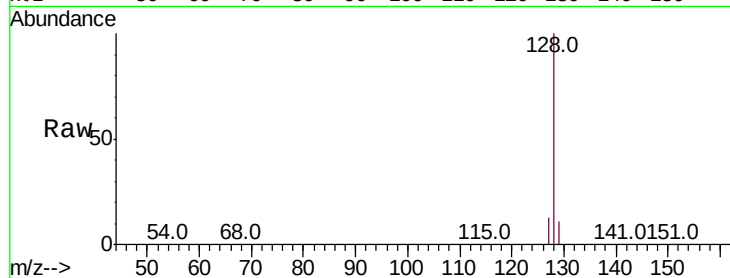
Tot Ion:128 Resp: 51408

Ion Ratio Lower Upper

128 100

129 11.0 10.0 15.0

127 12.7 11.5 17.3



#5

2-Methylnaphthalene

Concen: 3.446 ng/ul

RT: 11.99 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BM025961.D

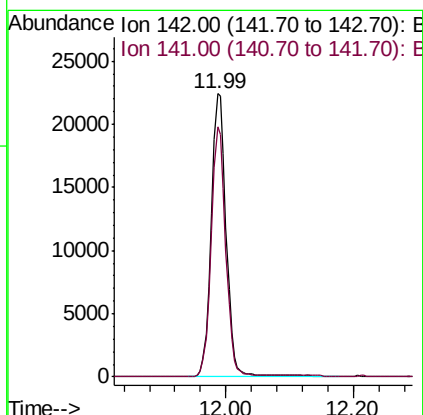
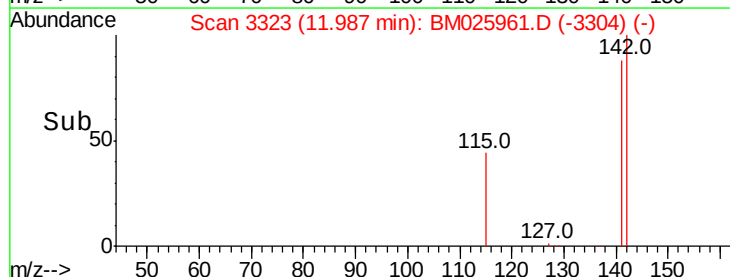
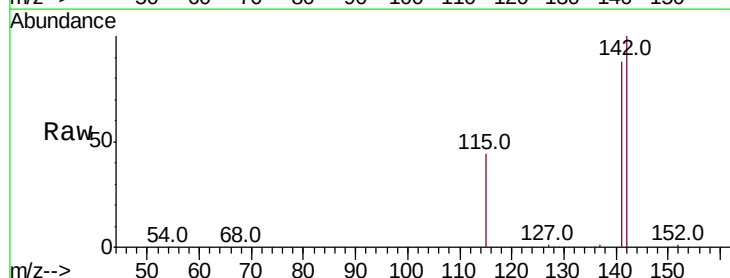
Acq: 15 Apr 2020 11:51

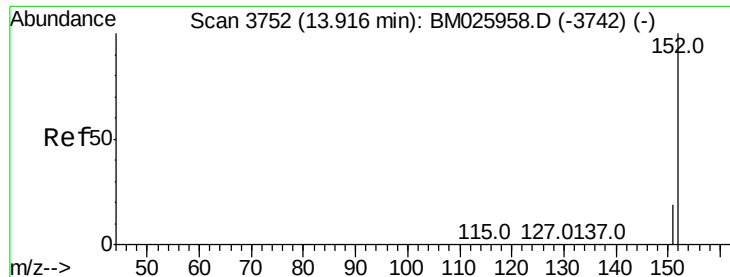
Tgt Ion:142 Resp: 35767

Ion Ratio Lower Upper

142 100

141 87.1 68.5 102.7





#7

Acenaphthylene

Concen: 3.789 ng/ul

RT: 13.91 min Scan# 3751

Delta R.T. -0.00 min

Lab File: BM025961.D

Acq: 15 Apr 2020 11:51

Instrument :

BNA_M

ClientSampleId :

SSTD3.279

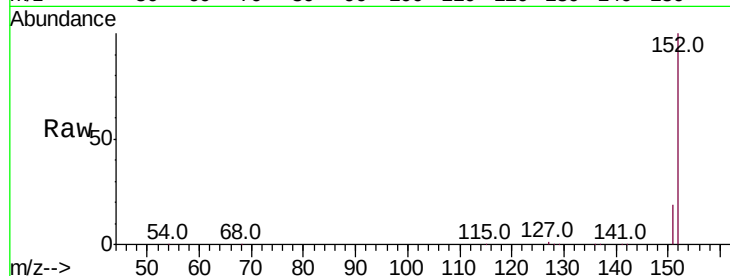
Tot Ion:152 Resp: 50513

Ion Ratio Lower Upper

152 100

151 19.3 16.5 24.7

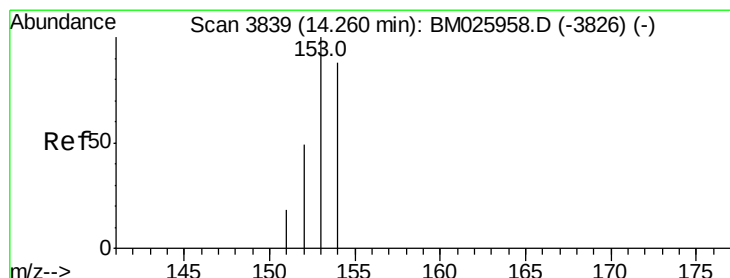
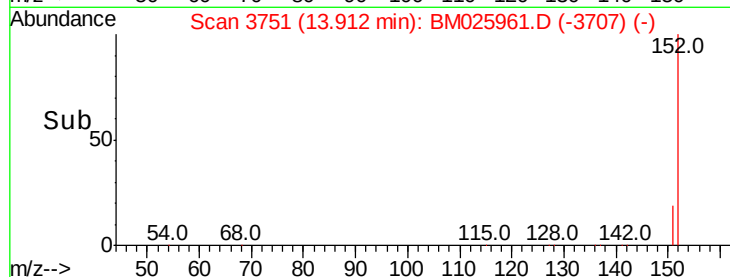
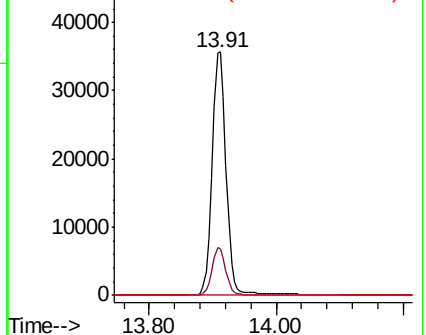
153 0.0 0.0 0.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 3.641 ng/ul

RT: 14.26 min Scan# 3838

Delta R.T. -0.00 min

Lab File: BM025961.D

Acq: 15 Apr 2020 11:51

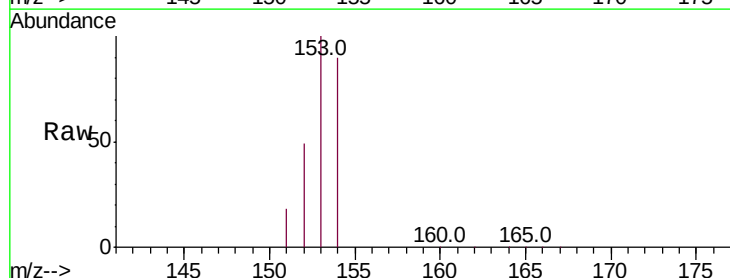
Tgt Ion:153 Resp: 40280

Ion Ratio Lower Upper

153 100

152 48.8 40.1 60.1

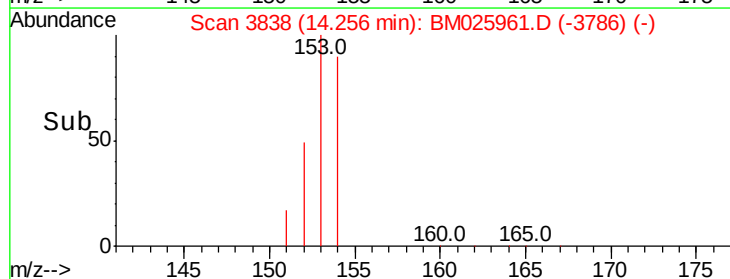
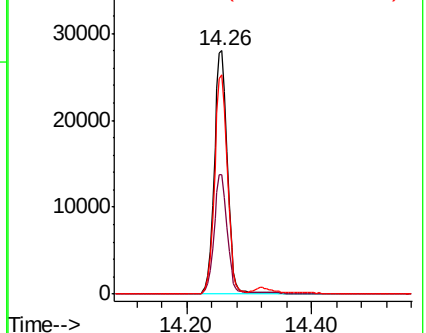
154 90.0 70.6 106.0

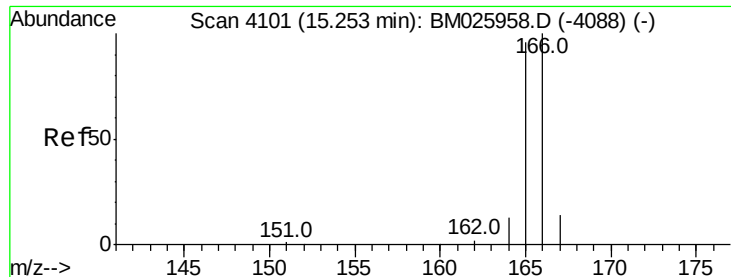


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

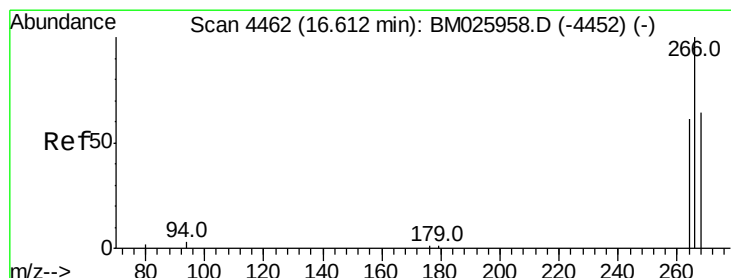
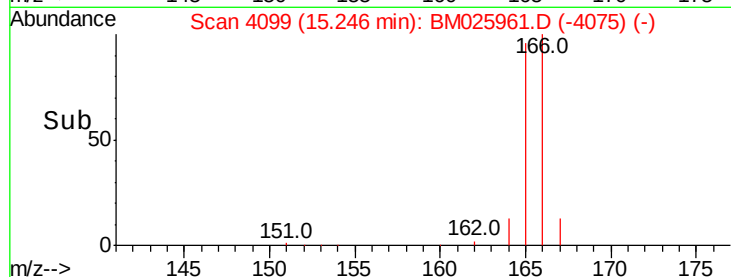
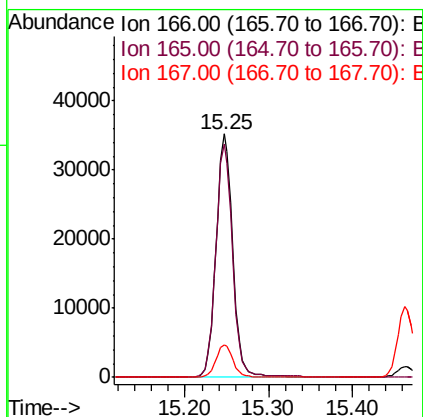
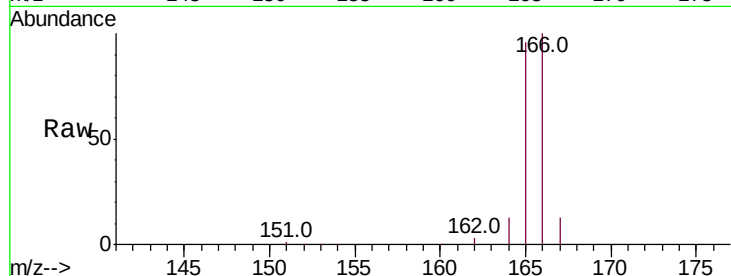




#9
Fluorene
 Concen: 3.551 ng/ul
 RT: 15.25 min Scan# 4099
 Delta R.T. -0.01 min
 Lab File: BM025961.D
 Acq: 15 Apr 2020 11:51

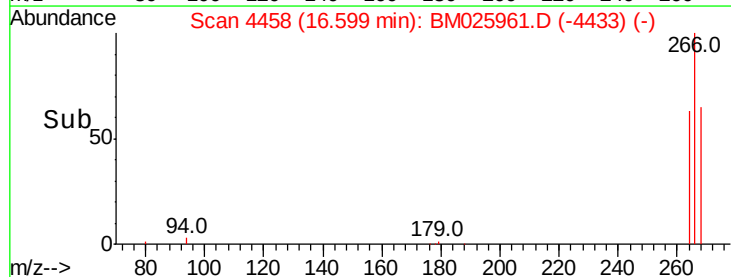
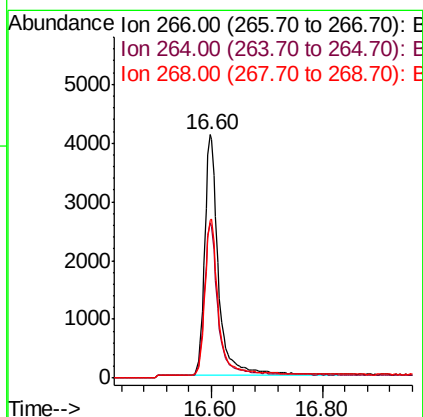
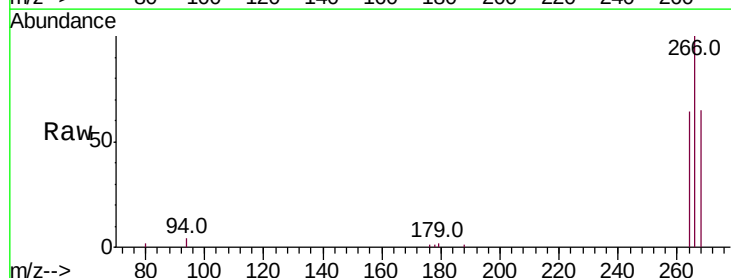
Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.279

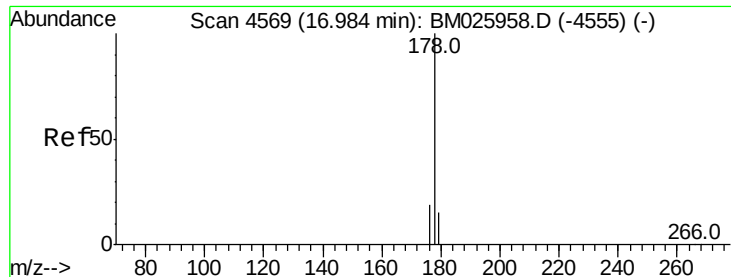
Tot Ion:166 Resp: 48731
 Ion Ratio Lower Upper
 166 100
 165 96.0 77.0 115.4
 167 13.4 12.2 18.2



#11
Pentachlorophenol
 Concen: 4.209 ng/ul
 RT: 16.60 min Scan# 4458
 Delta R.T. -0.01 min
 Lab File: BM025961.D
 Acq: 15 Apr 2020 11:51

Tgt Ion:266 Resp: 7079
 Ion Ratio Lower Upper
 266 100
 264 62.7 52.6 78.8
 268 63.7 52.6 78.8





#12

Phenanthrene

Concen: 3.679 ng/ul

RT: 16.98 min Scan# 4568

Delta R.T. -0.00 min

Lab File: BM025961.D

Acq: 15 Apr 2020 11:51

Instrument :

BNA_M

ClientSampleId :

SSTD3.279

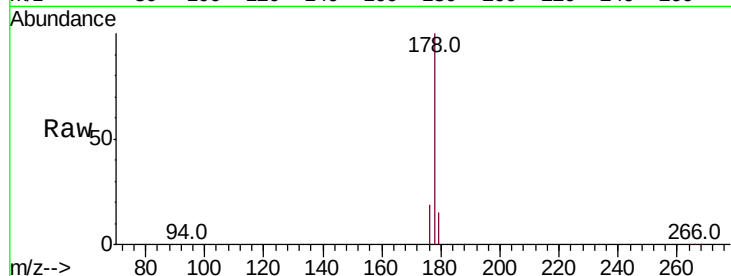
Tot Ion:178 Resp: 79407

Ion Ratio Lower Upper

178 100

179 15.3 13.0 19.6

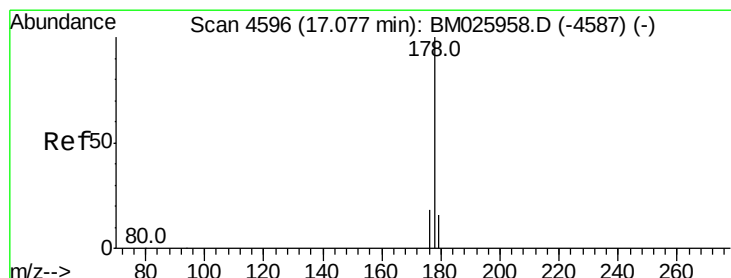
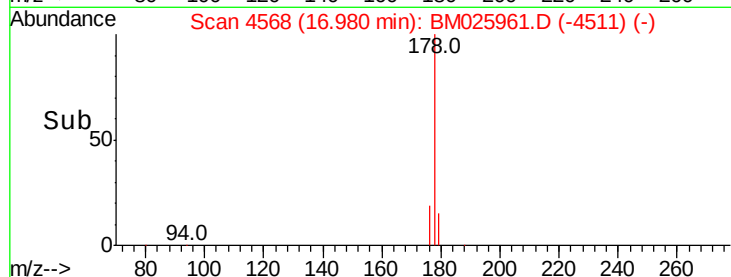
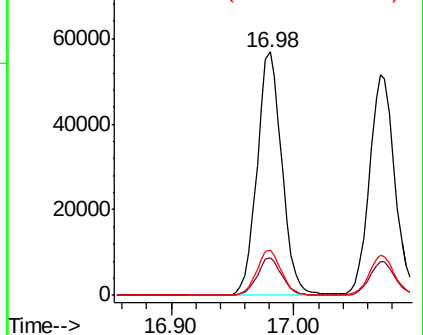
176 18.6 15.6 23.4



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



#13

Anthracene

Concen: 3.921 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BM025961.D

Acq: 15 Apr 2020 11:51

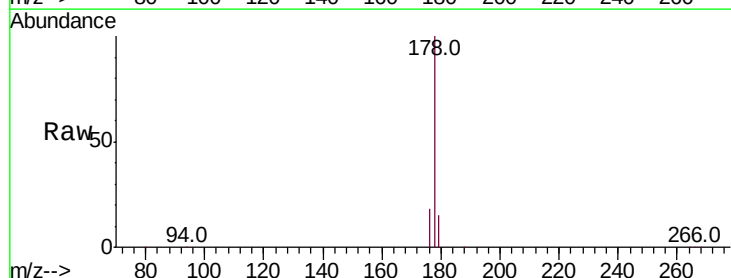
Tgt Ion:178 Resp: 74773

Ion Ratio Lower Upper

178 100

179 15.4 13.8 20.6

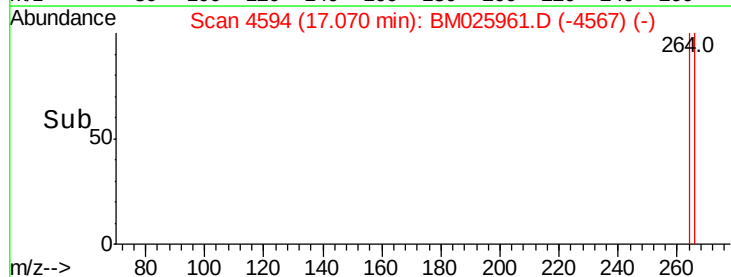
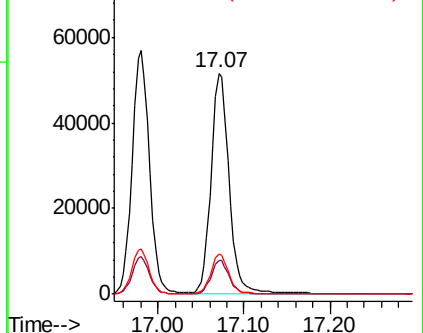
176 18.3 15.3 22.9

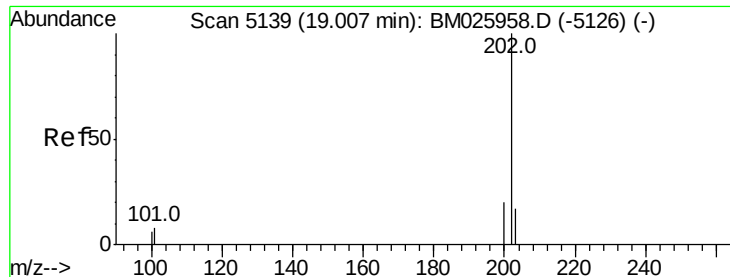


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 3.725 ng/ul

RT: 19.00 min Scan# 5138

Delta R.T. -0.00 min

Lab File: BM025961.D

Acq: 15 Apr 2020 11:51

Instrument :

BNA_M

ClientSampleId :

SSTD3.279

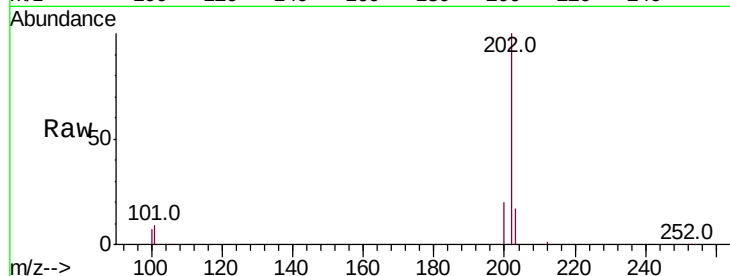
Tot Ion:202 Resp: 99352

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.3

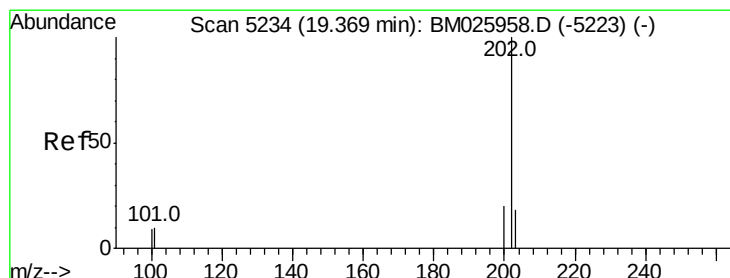
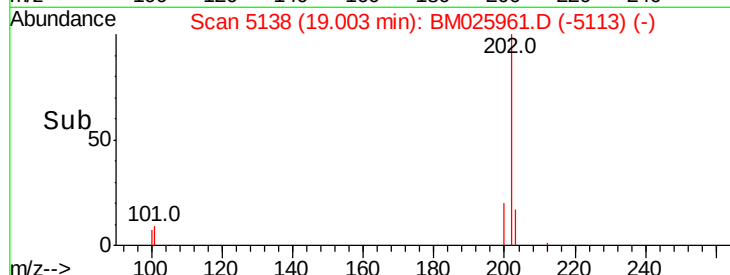
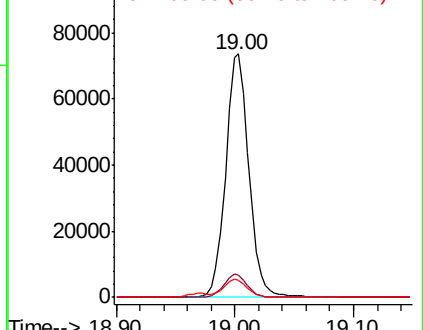
100 7.0 0.0 27.5



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



#17

Pyrene

Concen: 4.165 ng/ul

RT: 19.37 min Scan# 5233

Delta R.T. -0.00 min

Lab File: BM025961.D

Acq: 15 Apr 2020 11:51

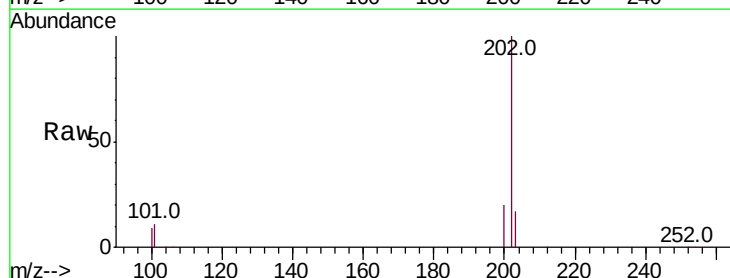
Tgt Ion:202 Resp: 97866

Ion Ratio Lower Upper

202 100

101 10.9 8.8 13.2

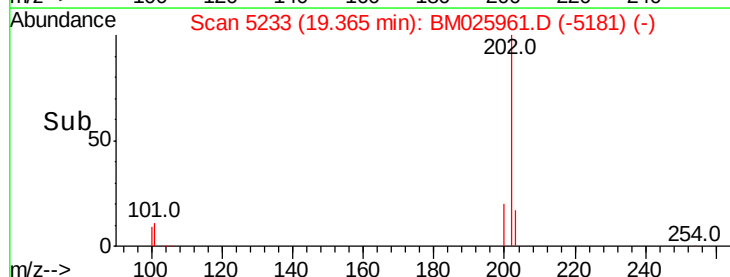
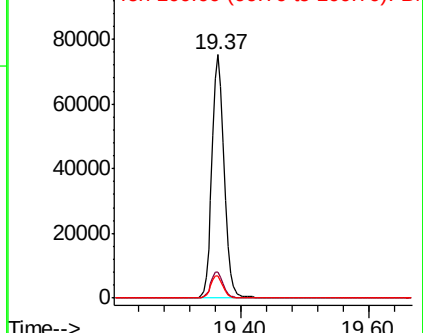
100 9.1 7.5 11.3

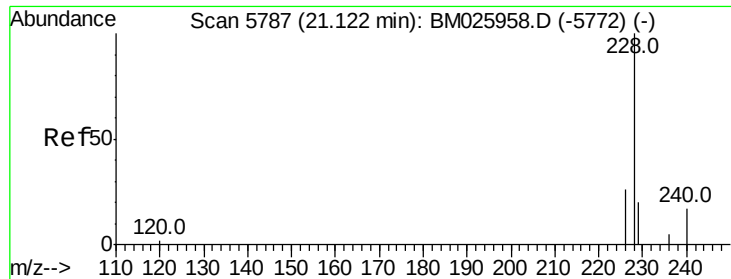


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 3.833 ng/ul

RT: 21.12 min Scan# 5785

Delta R.T. -0.00 min

Lab File: BM025961.D

Acq: 15 Apr 2020 11:51

Instrument :

BNA_M

ClientSampleId :

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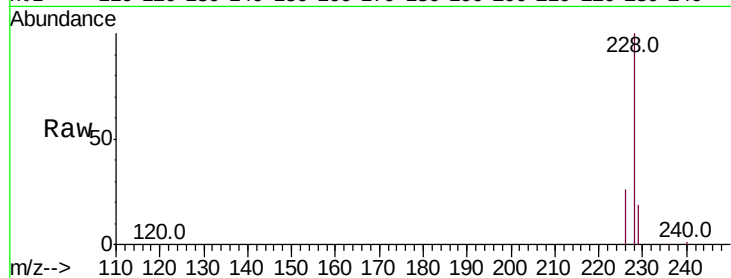
Tot Ion:228 Resp: 89893

Ion Ratio Lower Upper

228 100

229 19.2 16.4 24.6

226 26.4 21.8 32.8

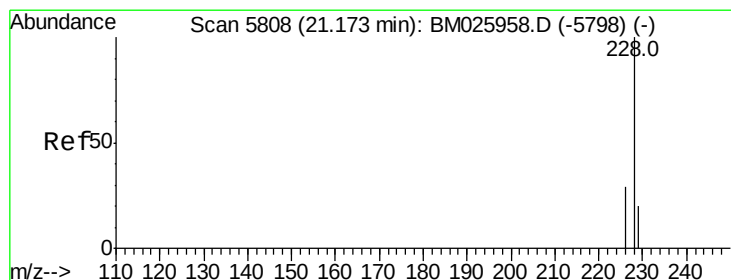
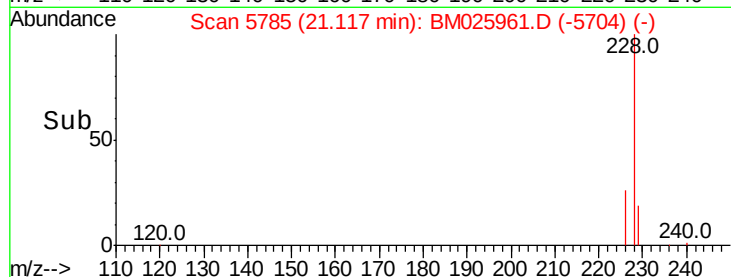
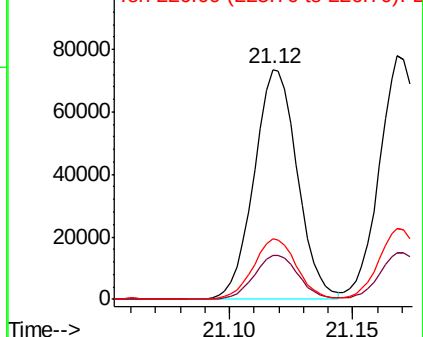


Abundance

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



#19

Chrysene

Concen: 3.692 ng/ul

RT: 21.17 min Scan# 5806

Delta R.T. -0.00 min

Lab File: BM025961.D

Acq: 15 Apr 2020 11:51

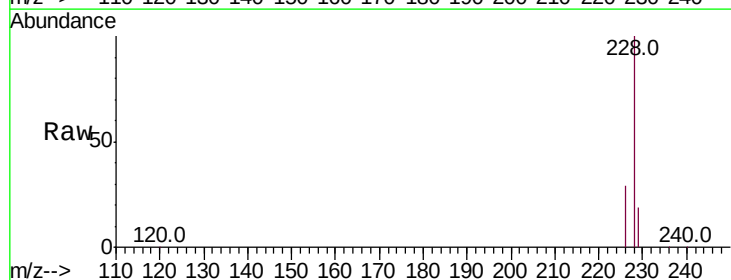
Tgt Ion:228 Resp: 94506

Ion Ratio Lower Upper

228 100

226 29.1 23.9 35.9

229 19.1 16.2 24.2

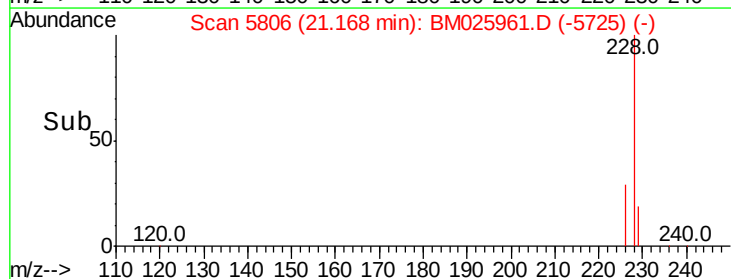
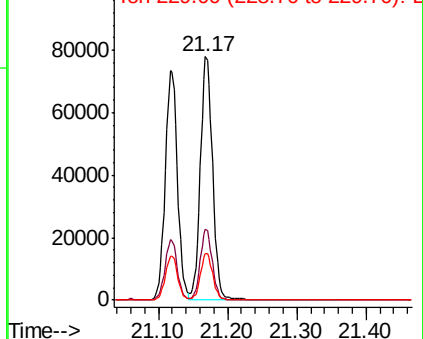


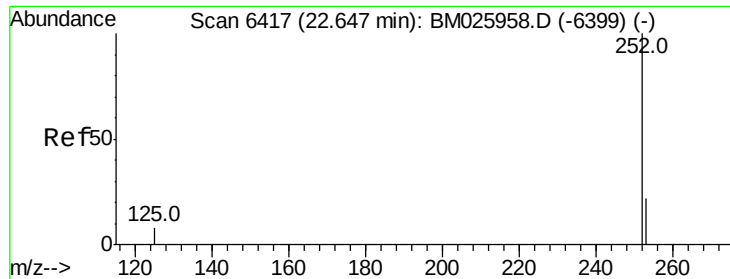
Abundance

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

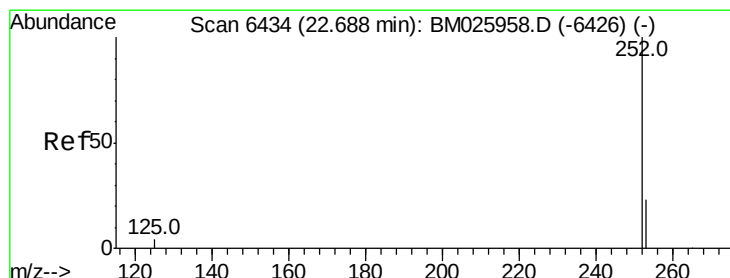
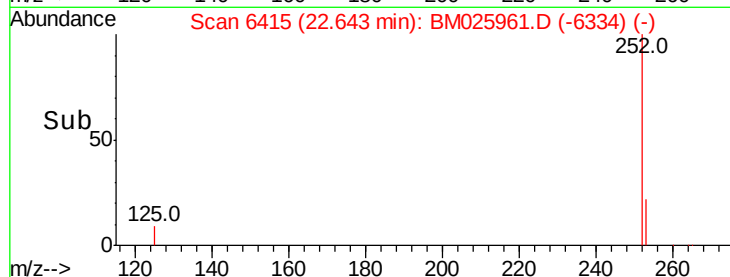
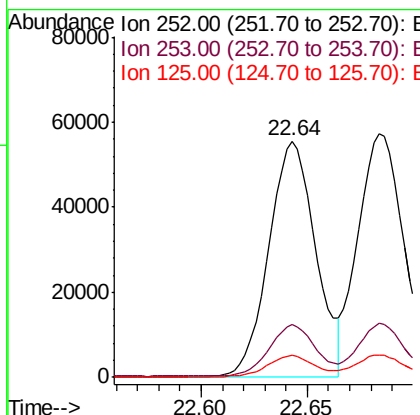
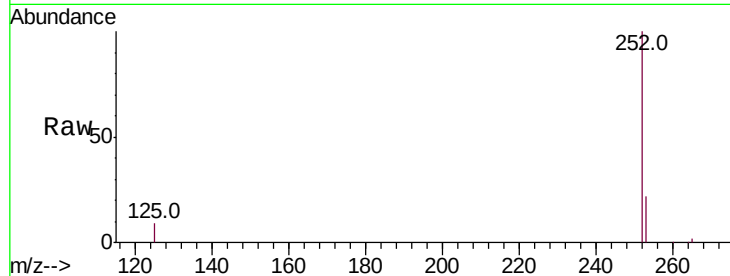




#21
Benzo(b)fluoranthene
Concen: 4.332 ng/ul
RT: 22.64 min Scan# 6415
Delta R.T. -0.00 min
Lab File: BM025961.D
Acq: 15 Apr 2020 11:51

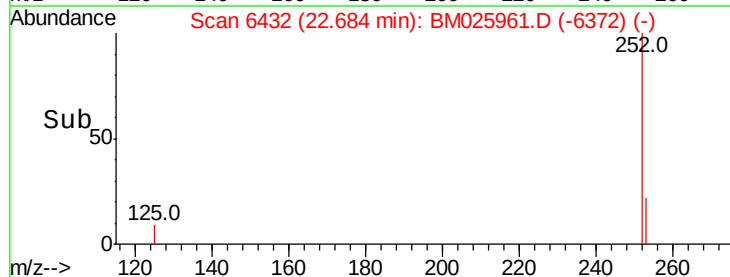
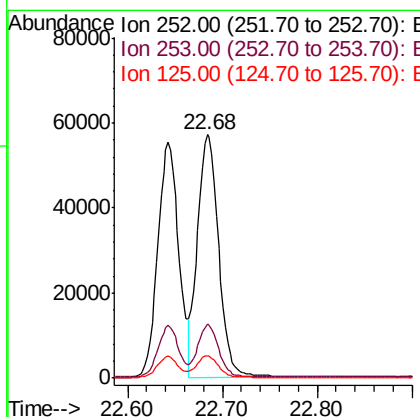
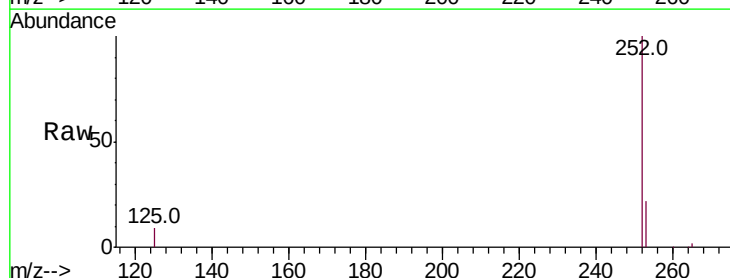
Instrument :
BNA_M
ClientSampleId :
SSTD3.279

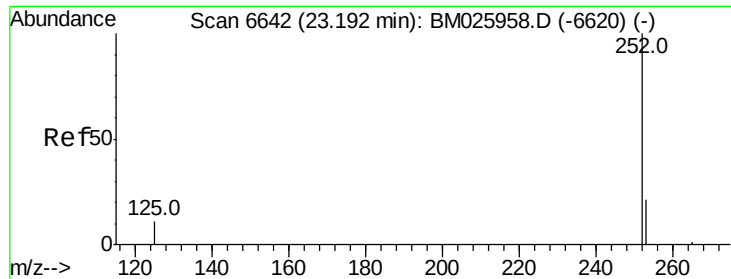
Tot Ion:252 Resp: 84838
Ion Ratio Lower Upper
252 100
253 22.2 0.0 52.8
125 9.2 0.0 23.6



#22
Benzo(k)fluoranthene
Concen: 4.201 ng/ul
RT: 22.68 min Scan# 6432
Delta R.T. -0.00 min
Lab File: BM025961.D
Acq: 15 Apr 2020 11:51

Tgt Ion:252 Resp: 88215
Ion Ratio Lower Upper
252 100
253 22.1 21.9 32.9
125 9.1 9.8 14.8#





#23

Benzo(a)pyrene

Concen: 4.086 ng/ul

RT: 23.19 min Scan# 6639

Delta R.T. -0.01 min

Lab File: BM025961.D

Acq: 15 Apr 2020 11:51

Instrument :

BNA_M

ClientSampleId :

SSTD3.279

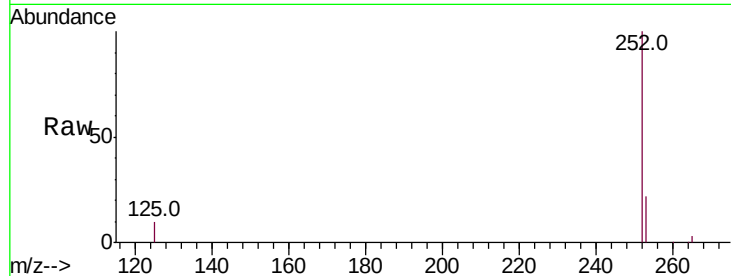
Tot Ion:252 Resp: 71513

Ion Ratio Lower Upper

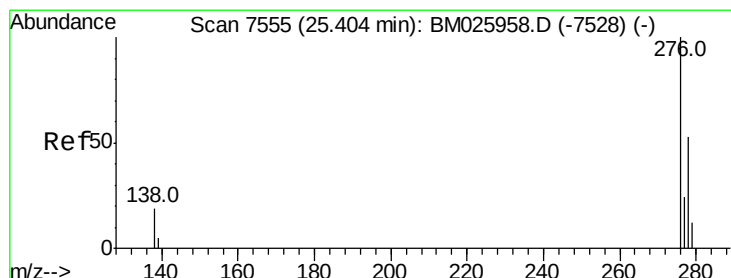
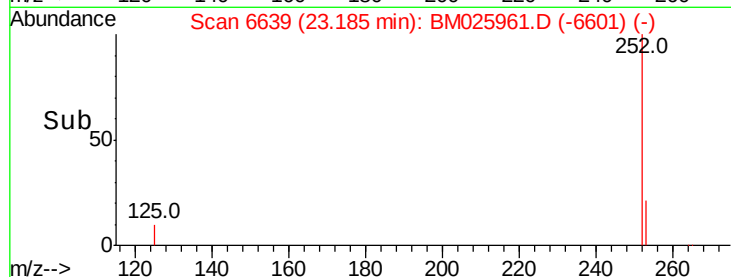
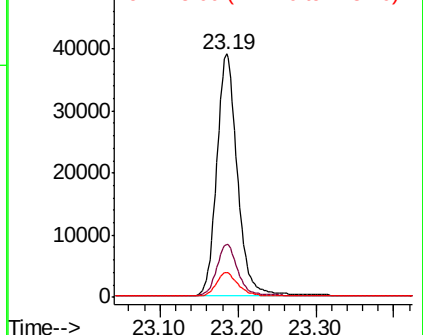
252 100

253 21.8 23.0 34.4#

125 10.3 13.1 19.7#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.427 ng/ul

RT: 25.39 min Scan# 7550

Delta R.T. -0.01 min

Lab File: BM025961.D

Acq: 15 Apr 2020 11:51

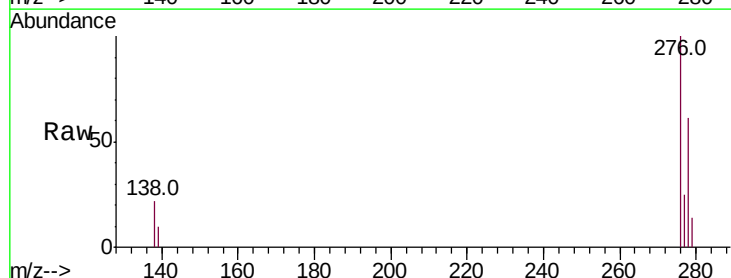
Tgt Ion:276 Resp: 80319

Ion Ratio Lower Upper

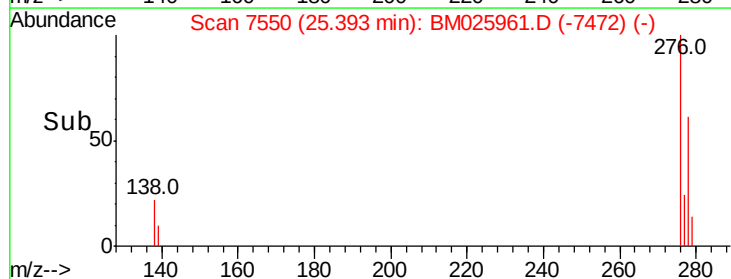
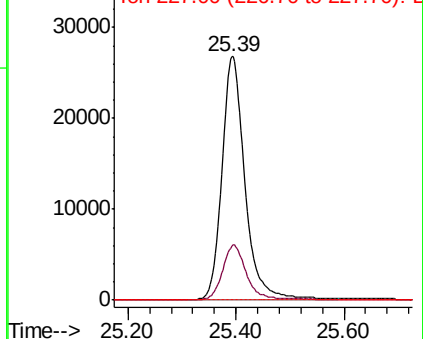
276 100

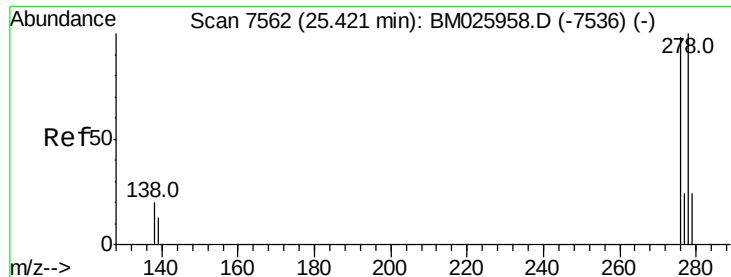
138 23.0 15.2 22.8#

227 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 3.271 ng/ul

RT: 25.40 min Scan# 7555

Delta R.T. -0.02 min

Lab File: BM025961.D

Acq: 15 Apr 2020 11:51

Instrument :

BNA_M

ClientSampleId :

SSTD3.279

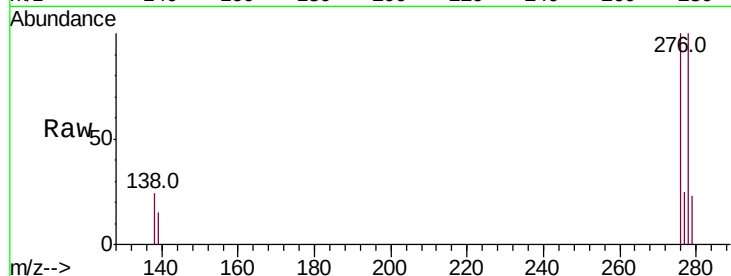
Tot Ion:278 Resp: 63987

Ion Ratio Lower Upper

278 100

139 15.3 14.9 22.3

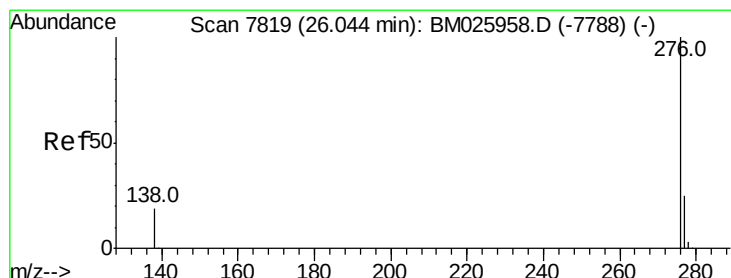
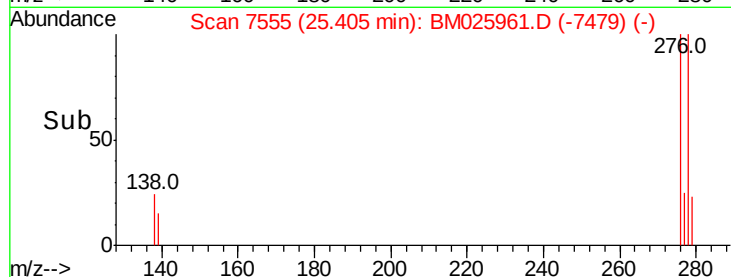
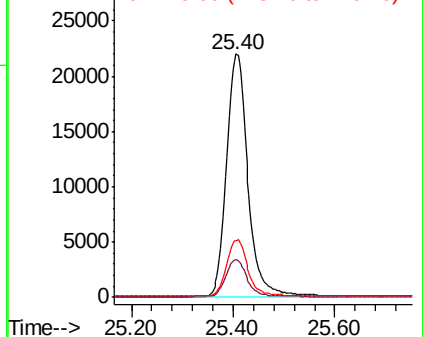
279 23.3 25.0 37.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 3.462 ng/ul

RT: 26.03 min Scan# 7814

Delta R.T. -0.01 min

Lab File: BM025961.D

Acq: 15 Apr 2020 11:51

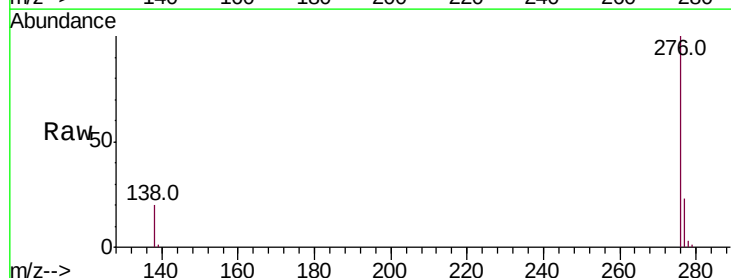
Tgt Ion:276 Resp: 68641

Ion Ratio Lower Upper

276 100

138 19.6 17.4 26.0

277 23.5 22.2 33.2



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

