

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025379.D
 Acq On : 08 Mar 2020 10:49
 Operator : CG/JU
 Sample : L1616-17
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 09 01:15:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

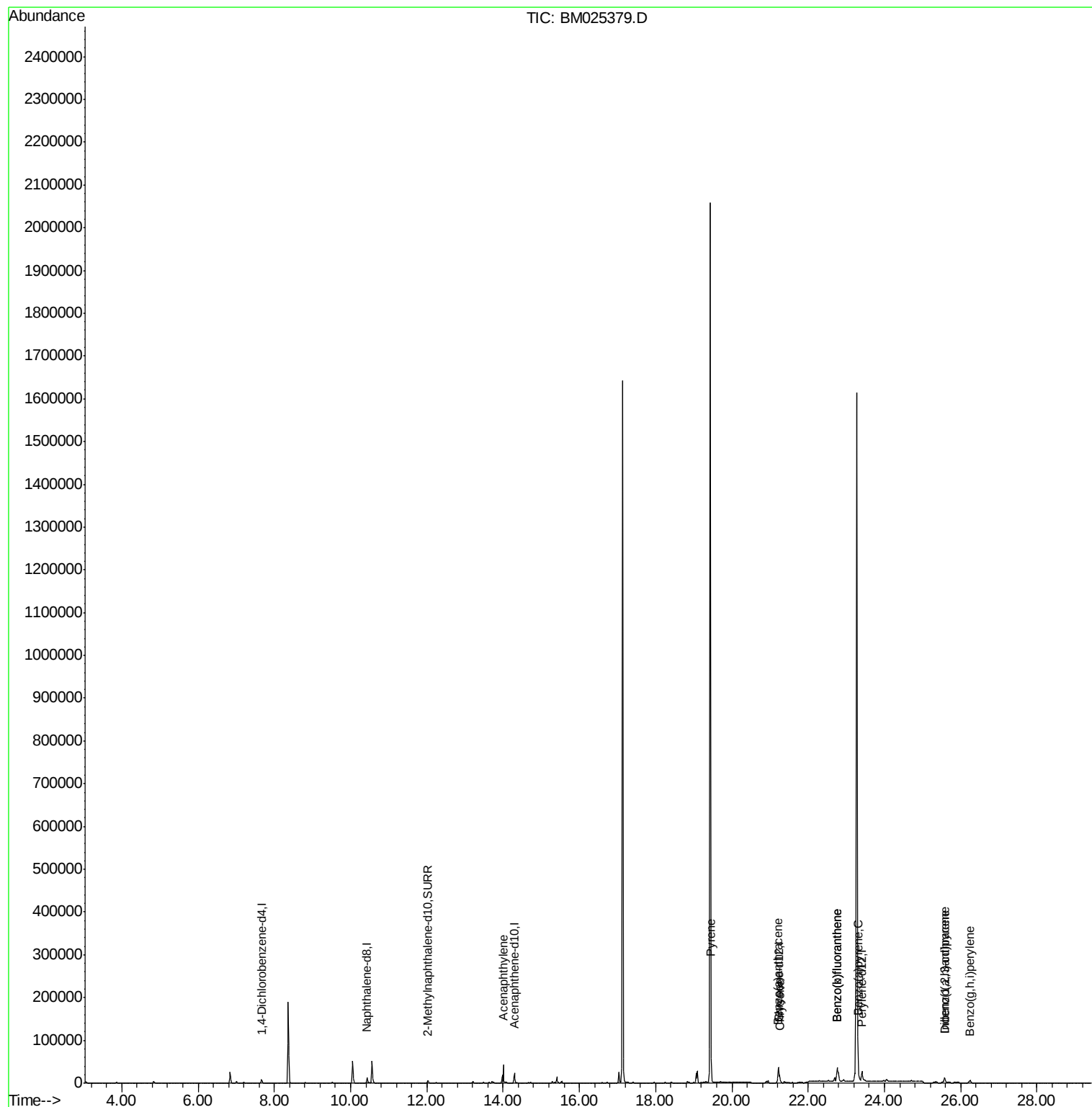
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4089	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.43	136	17254	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.29	164	12447	0.40	ng/ul	-0.01
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.05
16) Chrysene-d12	21.22	240	28543	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	28179	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	8168	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	25785	0.00	ng/ul	-0.01
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1579	0.027	ng/ul	95
17) Pyrene	19.46	202	36707	0.339	ng/ul	99
18) Benzo(a)anthracene	21.20	228	12672	0.121	ng/ul	97
19) Chrysene	21.26	228	12836	0.111	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	71467	0.634	ng/ul	94
22) Benzo(k)fluoranthene	22.76	252	71394	0.604	ng/ul#	96
23) Benzo(a)pyrene	23.32	252	15509	0.164	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.58	276	19274	0.163	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	4157	0.043	ng/ul#	82
26) Benzo(g,h,i)perylene	26.24	276	12379	0.124	ng/ul#	95

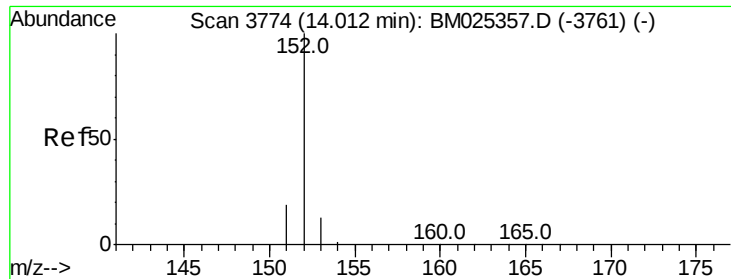
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BM025379.D

Acq: 08 Mar 2020 10:49

Instrument :

BNA_M

ClientSampled :

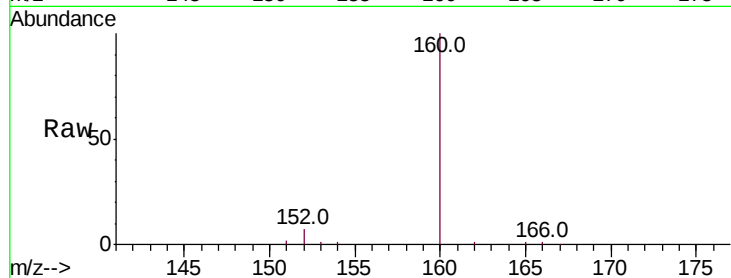
Tot Ion:152 Resp: 1579

Ion Ratio Lower Upper

152 100

151 24.3 17.8 26.8

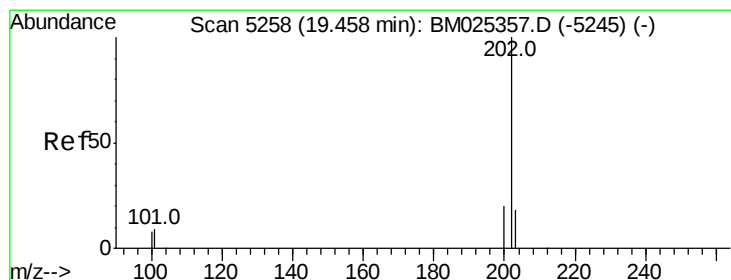
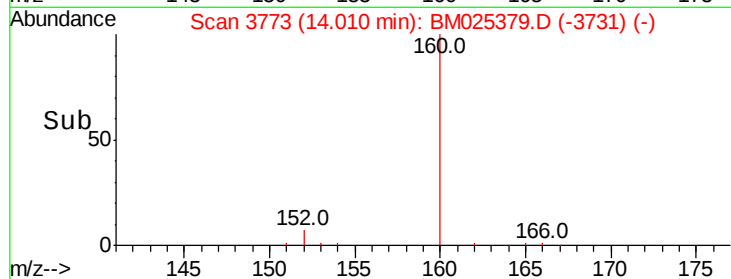
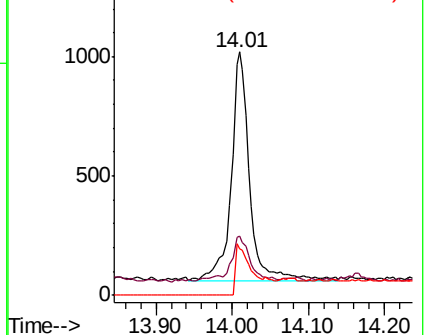
153 18.8 13.3 19.9



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



#17

Pyrene

Concen: 0.339 ng/ul

RT: 19.46 min Scan# 5257

Delta R.T. -0.01 min

Lab File: BM025379.D

Acq: 08 Mar 2020 10:49

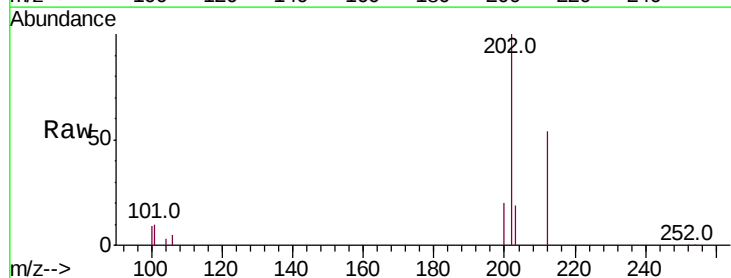
Tgt Ion:202 Resp: 36707

Ion Ratio Lower Upper

202 100

101 10.2 8.7 13.1

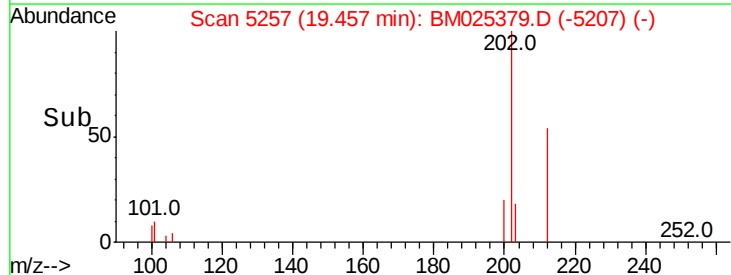
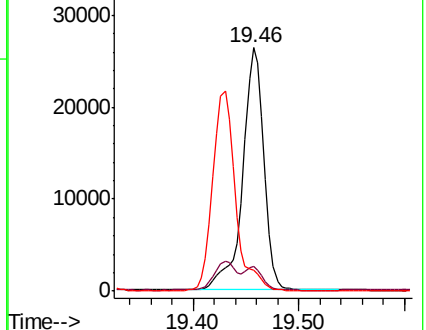
100 8.8 7.3 10.9

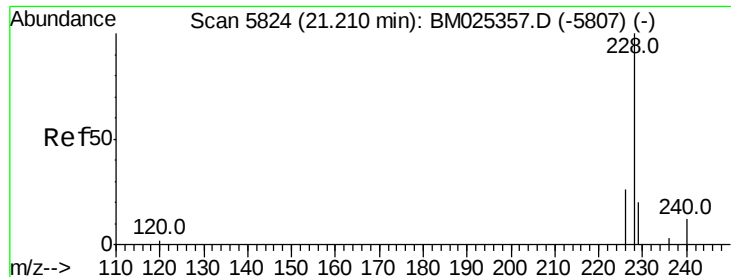


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 0.121 ng/ul

RT: 21.20 min Scan# 5821

Delta R.T. -0.01 min

Lab File: BM025379.D

Acq: 08 Mar 2020 10:49

Instrument :

BNA_M

ClientSampleId :

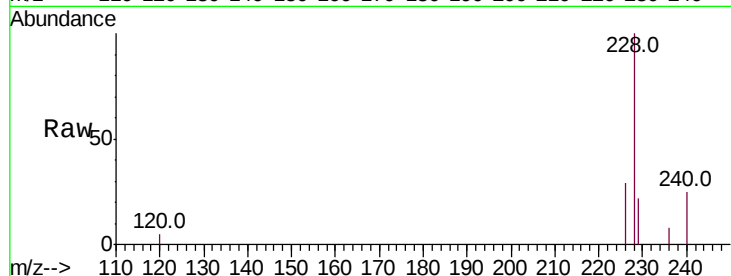
Tot Ion:228 Resp: 12672

Ion Ratio Lower Upper

228 100

229 22.4 16.6 25.0

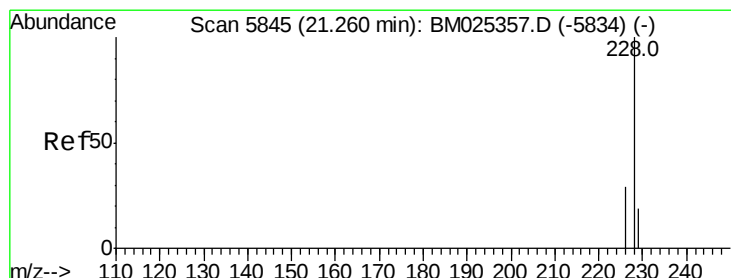
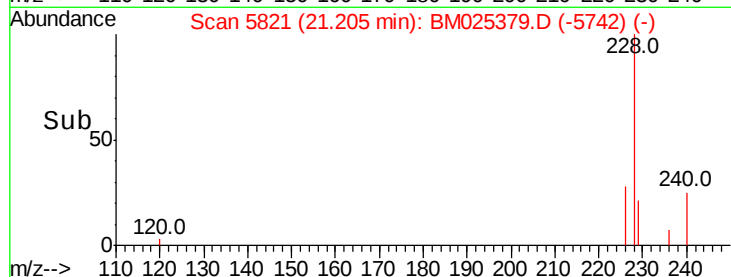
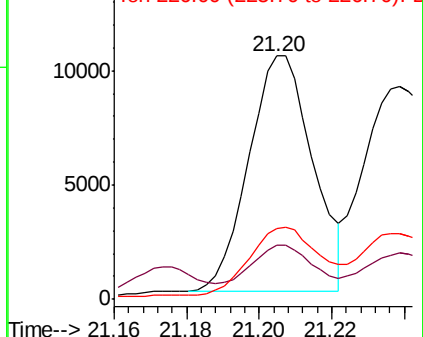
226 29.2 21.9 32.9



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: 0.111 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.01 min

Lab File: BM025379.D

Acq: 08 Mar 2020 10:49

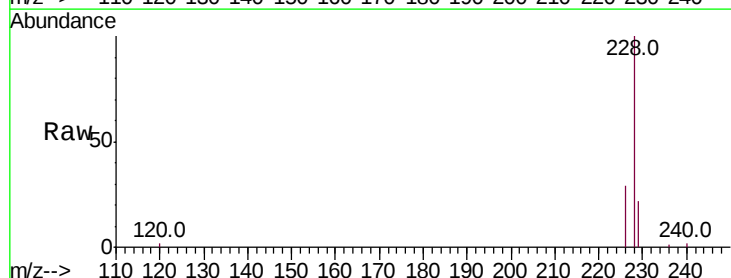
Tgt Ion:228 Resp: 12836

Ion Ratio Lower Upper

228 100

226 29.1 23.8 35.8

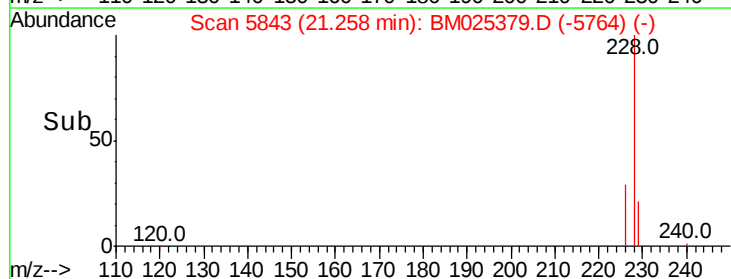
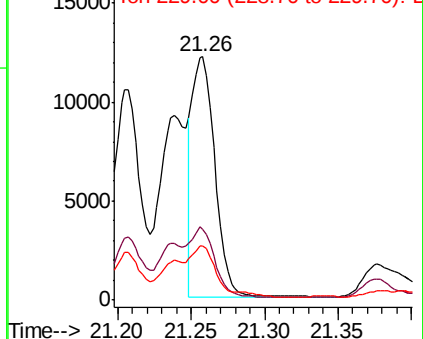
229 22.3 16.9 25.3

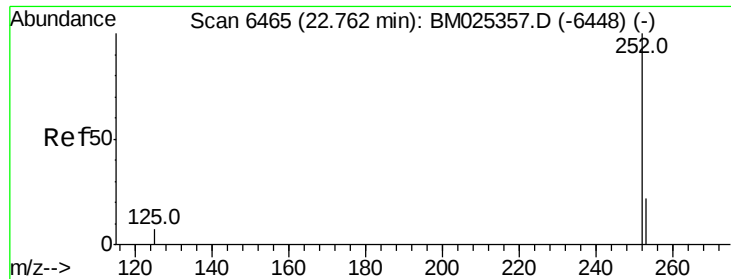


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

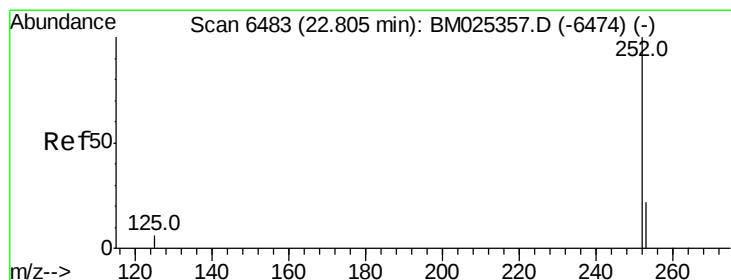
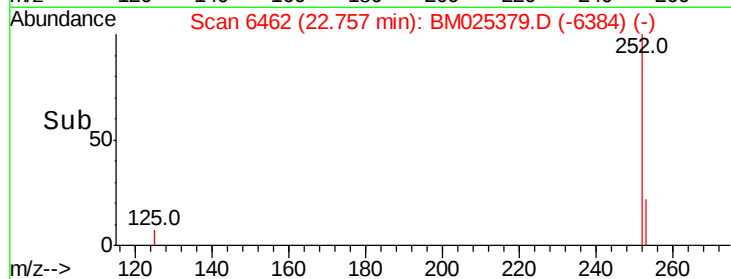
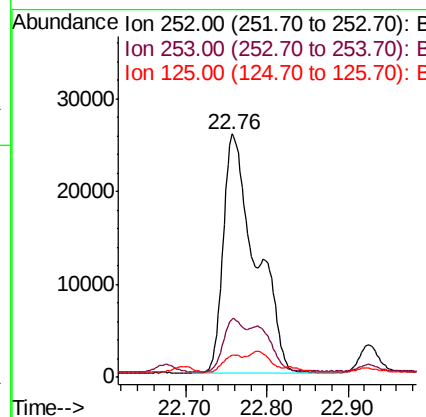
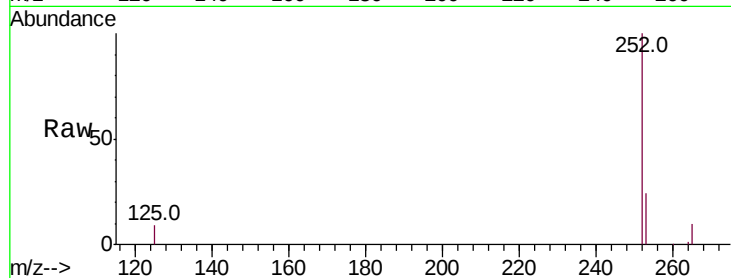




#21
Benzo(b)fluoranthene
Concen: 0.634 ng/u1
RT: 22.76 min Scan# 6462
Delta R.T. -0.01 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

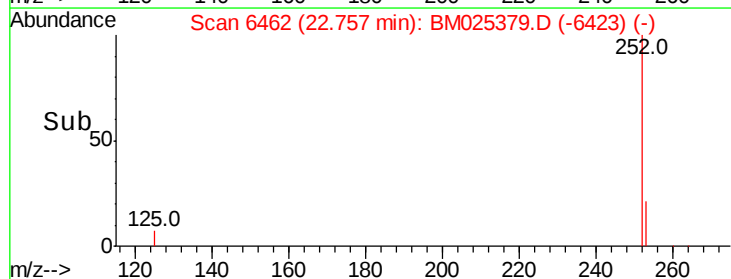
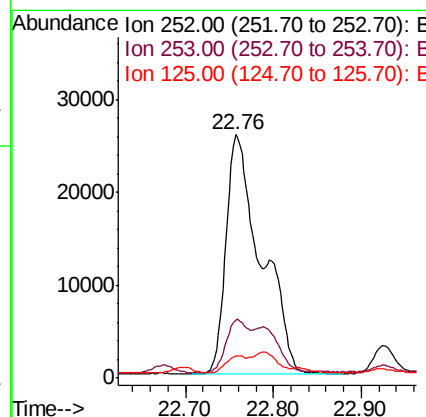
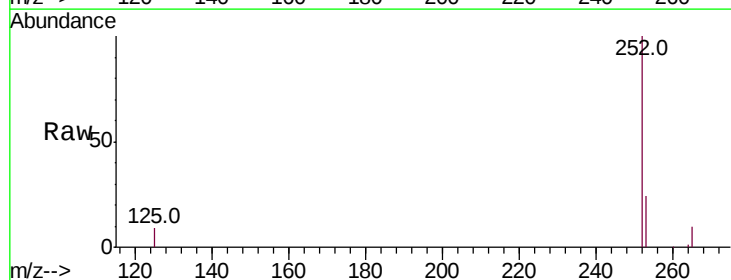
Instrument :
BNA_M
ClientSampleId :

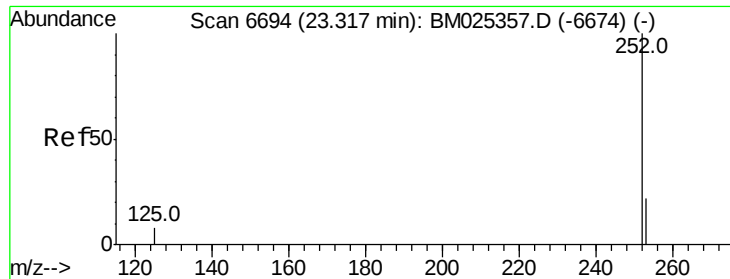
Tot Ion:252 Resp: 71467
Ion Ratio Lower Upper
252 100
253 24.1 0.0 49.8
125 9.1 0.0 28.6



#22
Benzo(k)fluoranthene
Concen: 0.604 ng/u1
RT: 22.76 min Scan# 6462
Delta R.T. -0.06 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Tgt Ion:252 Resp: 71394
Ion Ratio Lower Upper
252 100
253 24.1 19.4 29.0
125 9.1 10.7 16.1#





#23

Benzo(a)pyrene

Concen: 0.164 ng/ul

RT: 23.32 min Scan# 6693

Delta R.T. -0.01 min

Lab File: BM025379.D

Acq: 08 Mar 2020 10:49

Instrument :

BNA_M

ClientSampleId :

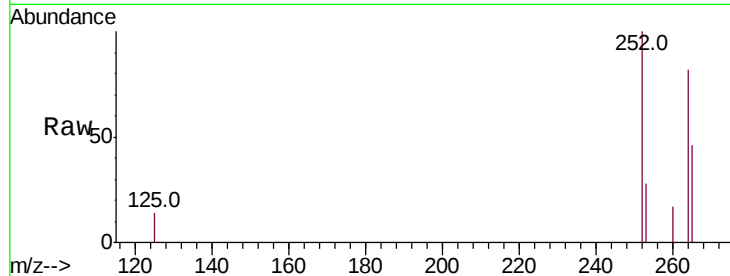
Tot Ion:252 Resp: 15509

Ion Ratio Lower Upper

252 100

253 27.9 20.3 30.5

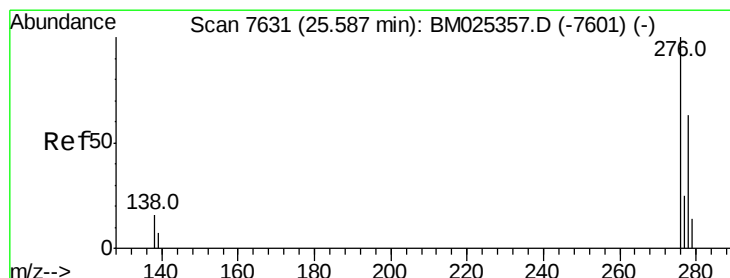
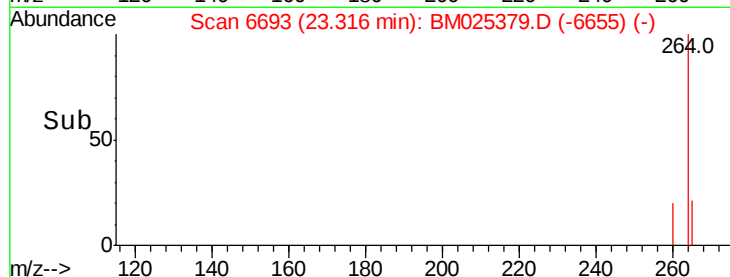
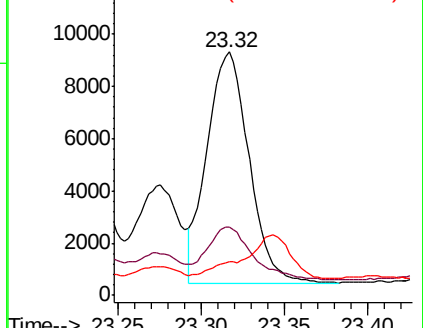
125 13.7 13.0 19.4



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.163 ng/ul

RT: 25.58 min Scan# 7627

Delta R.T. -0.02 min

Lab File: BM025379.D

Acq: 08 Mar 2020 10:49

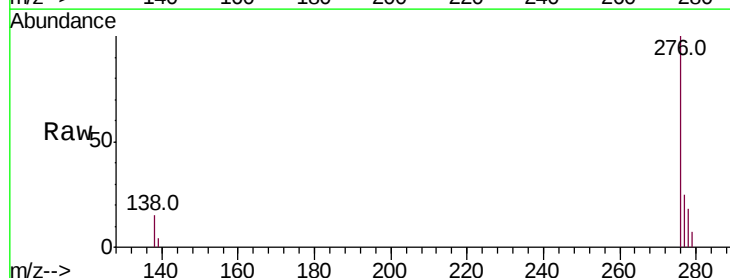
Tgt Ion:276 Resp: 19274

Ion Ratio Lower Upper

276 100

138 15.4 0.0 0.0#

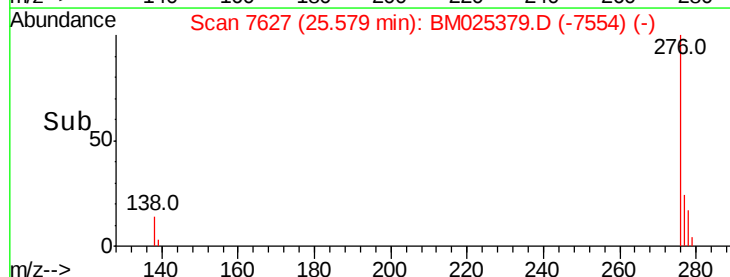
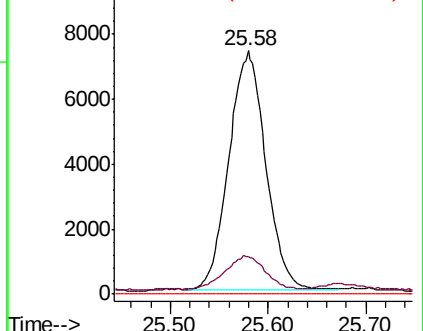
227 0.0 0.0 0.0

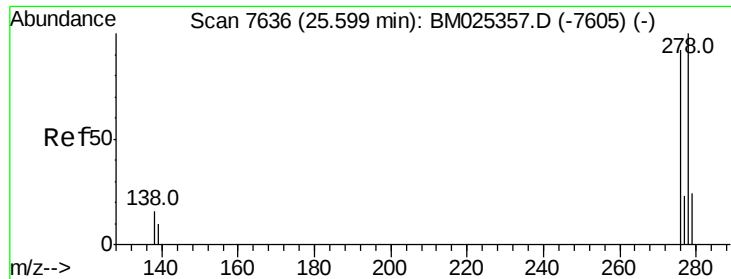


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

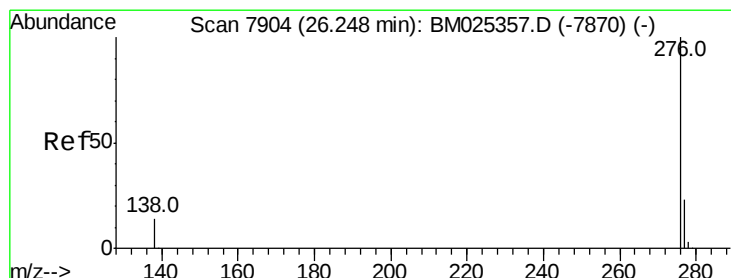
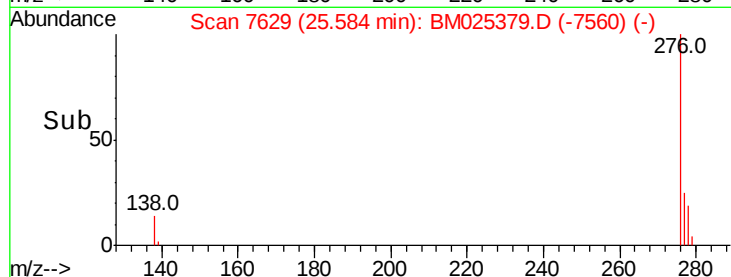
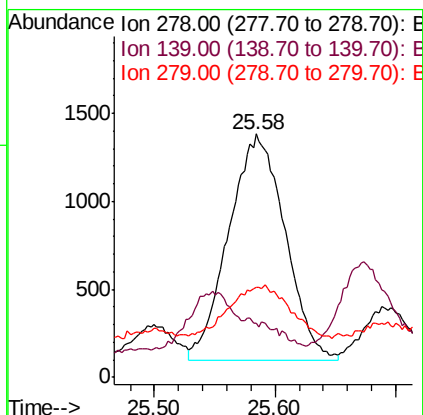
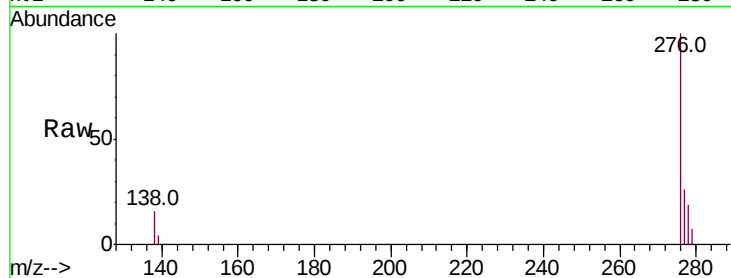




#25
Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 25.58 min Scan# 7629
Delta R.T. -0.03 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 4157
Ion Ratio Lower Upper
278 100
139 22.4 13.2 19.8#
279 36.7 21.0 31.4#



#26
Benzo(g,h,i)perylene
Concen: 0.124 ng/ul
RT: 26.24 min Scan# 7900
Delta R.T. -0.02 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Tgt Ion:276 Resp: 12379
Ion Ratio Lower Upper
276 100
138 17.6 17.9 26.9#
277 25.0 20.5 30.7

