

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121420\
 Data File : BM028116.D
 Acq On : 14 Dec 2020 17:42
 Operator : JU/CG
 Sample : L4958-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2S43

Quant Time: Dec 14 18:16:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM121120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 12:18:00 2020
 Response via : Initial Calibration

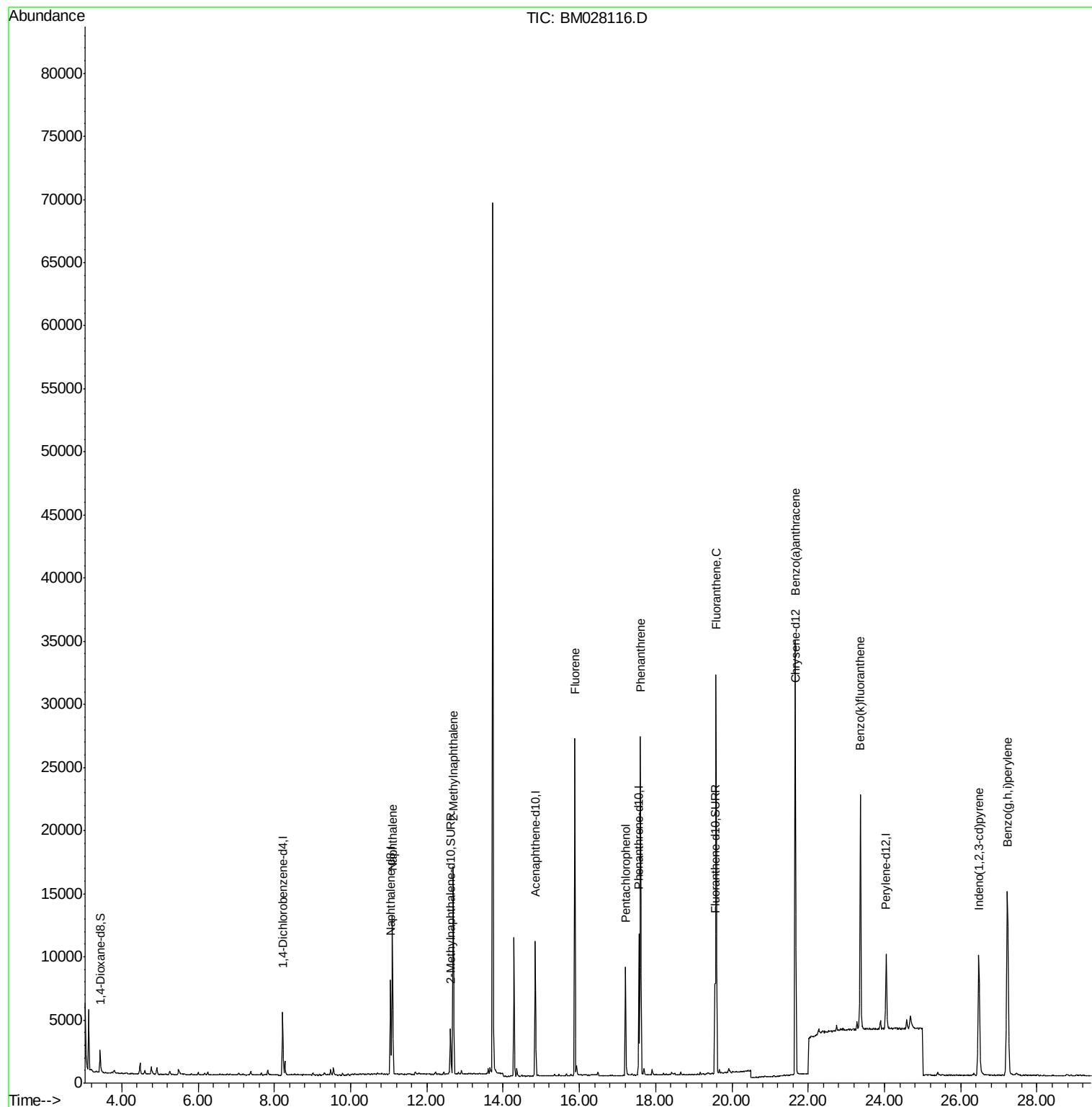
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	2463	0.40	ng/ul	0.00
4) Naphthalene-d8	11.05	136	10177	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.84	164	5887	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.56	188	12559	0.40	ng/ul	0.00
17) Chrysene-d12	21.67	240	10408	0.40	ng/ul	0.00
23) Perylene-d12	24.04	264	8365	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	1183	0.42	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.62	152	4452	0.29	ng/ul	0.00
18) Fluoranthene-d10	19.56	212	9887	0.32	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.10	128	16595	0.578	ng/ul	100
7) 2-Methylnaphthalene	12.69	142	11211	0.592	ng/ul	99
12) Fluorene	15.88	166	16154	0.680	ng/ul	99
14) Pentachlorophenol	17.21	266	5336	1.674	ng/ul	99
15) Phenanthrene	17.60	178	27249	0.707	ng/ul	100
19) Fluoranthene	19.59	202	25829	0.631	ng/ul	99
21) Benzo(a)anthracene	21.66	228	28233	0.823	ng/ul	99
25) Benzo(k)fluoranthene	23.37	252	23333	0.722	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.47	276	18244	0.541	ng/ul#	91
29) Benzo(g,h,i)perylene	27.22	276	31436	1.069	ng/ul	98

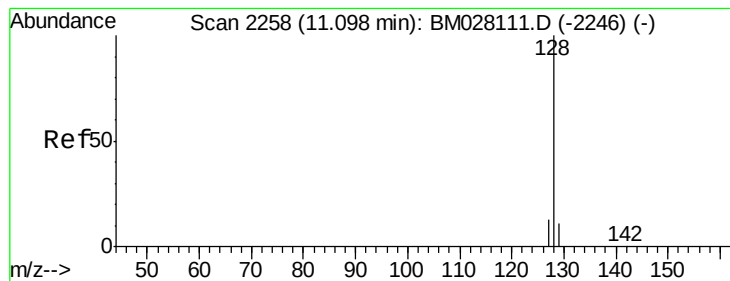
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.578 ng/ul

RT: 11.10 min Scan# 2258

Delta R.T. 0.00 min

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ClientSampleId :

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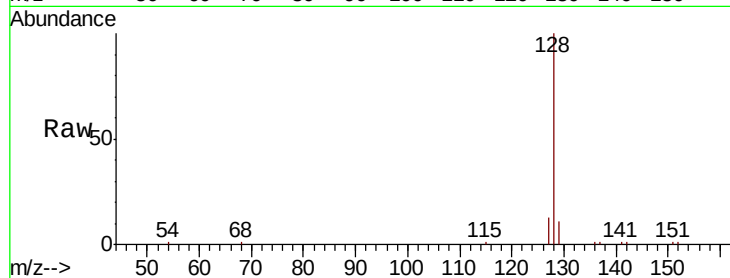
Tot Ion:128 Resp: 16595

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

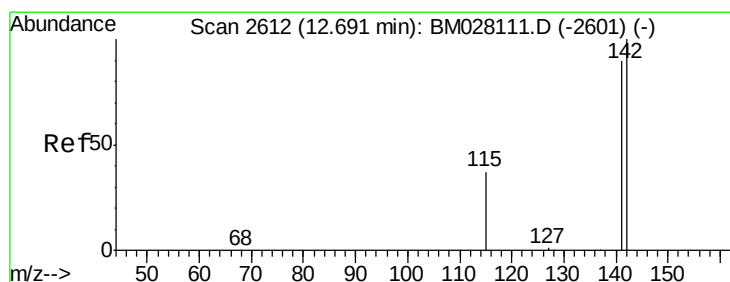
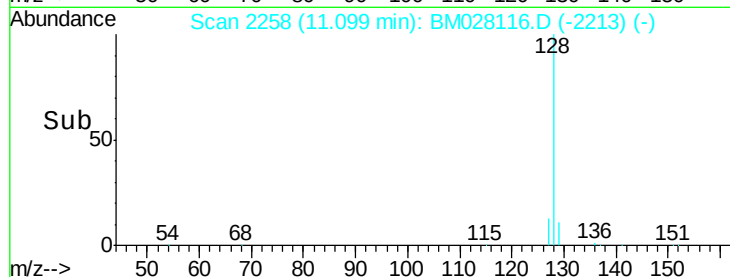
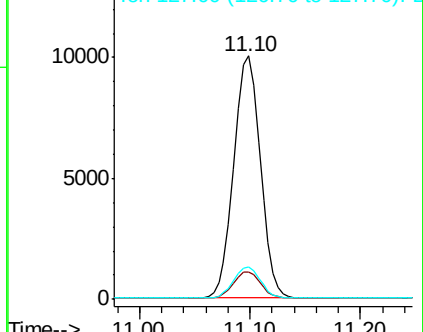
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.592 ng/ul

RT: 12.69 min Scan# 2612

Delta R.T. 0.00 min

Lab File: BM028116.D

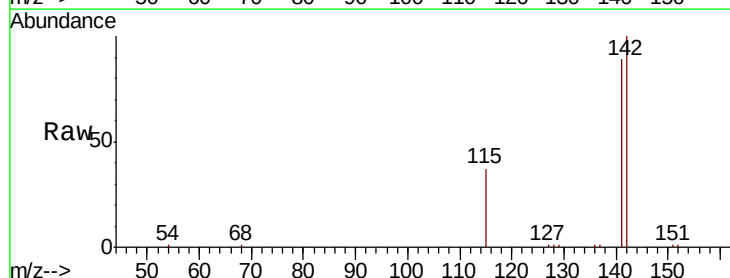
Acq: 14 Dec 2020 17:42

Tgt Ion:142 Resp: 11211

Ion Ratio Lower Upper

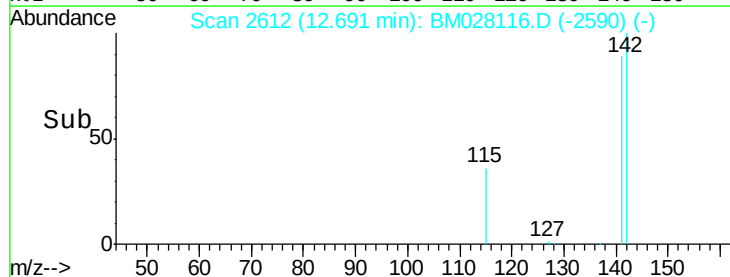
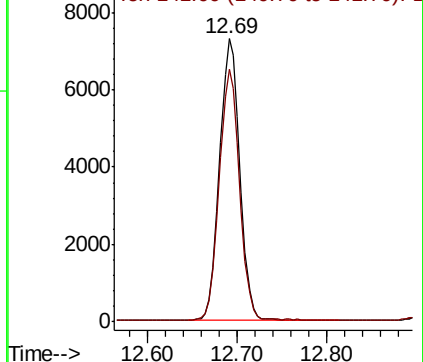
142 100

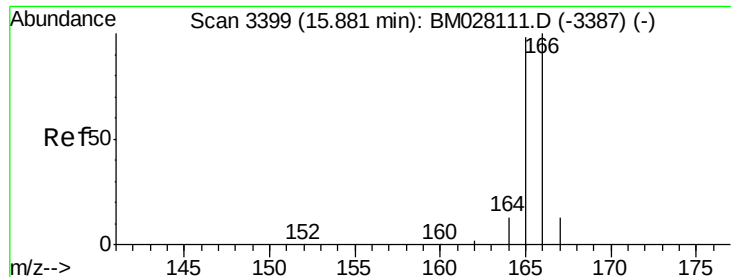
141 89.0 71.8 107.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Fluorene

Concen: 0.680 ng/ul

RT: 15.88 min Scan# 3399

Delta R.T. 0.00 min

Lab File: BM028116.D

Acq: 14 Dec 2020 17:42

Instrument :

BNA_M

ClientSampleId :

X2S43

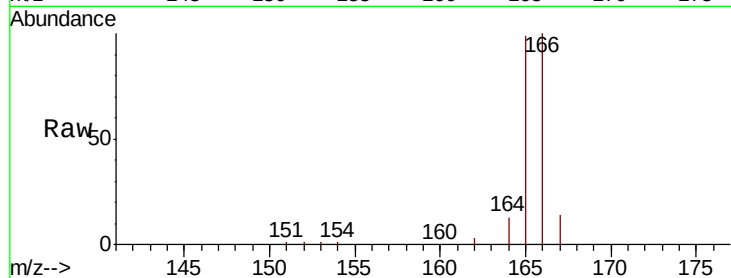
Tot Ion:166 Resp: 16154

Ion Ratio Lower Upper

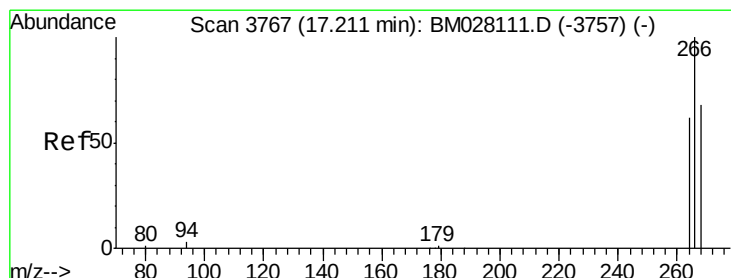
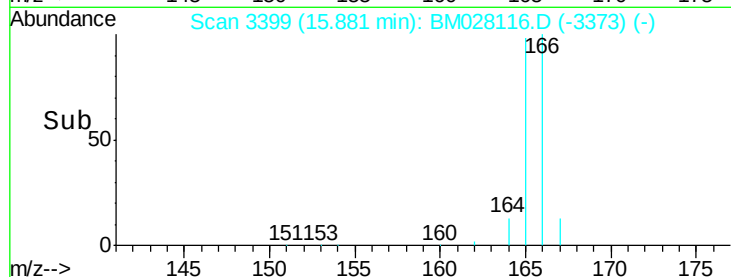
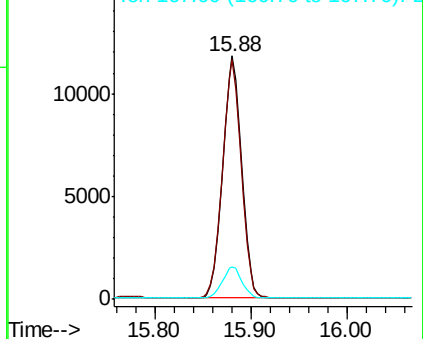
166 100

165 98.6 77.9 116.9

167 13.6 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#14

Pentachlorophenol

Concen: 1.674 ng/ul

RT: 17.21 min Scan# 3766

Delta R.T. -0.00 min

Lab File: BM028116.D

Acq: 14 Dec 2020 17:42

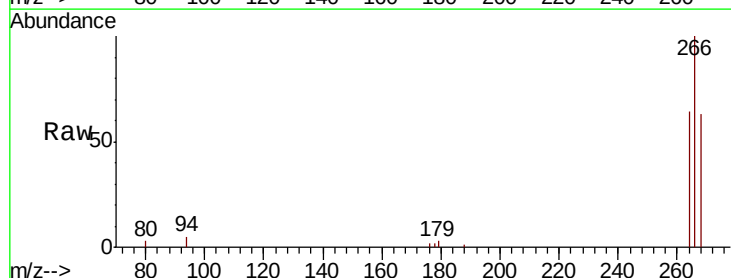
Tgt Ion:266 Resp: 5336

Ion Ratio Lower Upper

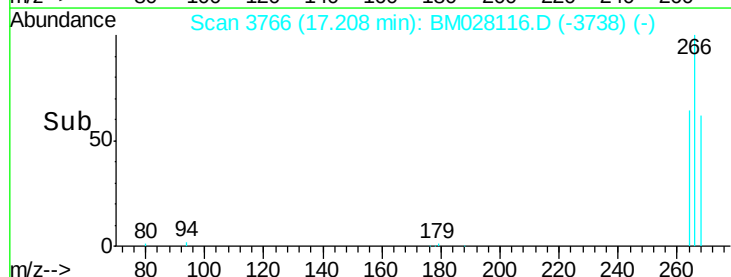
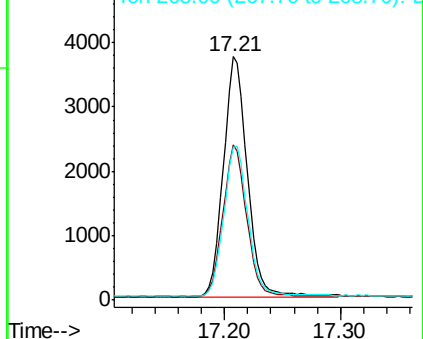
266 100

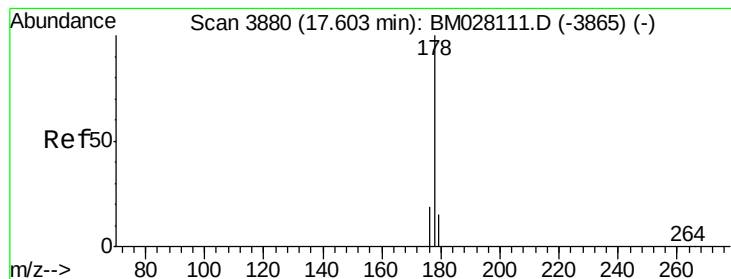
264 62.9 51.6 77.4

268 63.8 51.6 77.4



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#15

Phenanthrene

Concen: 0.707 ng/ul

RT: 17.60 min Scan# 3880

Delta R.T. 0.00 min

Lab File: BM028116.D

Acq: 14 Dec 2020 17:42

Instrument :

BNA_M

ClientSampleId :

X2S43

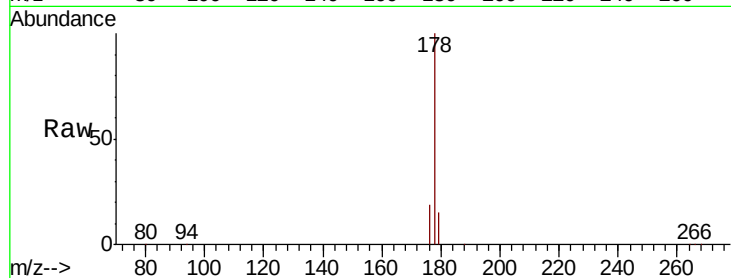
Tot Ion:178 Resp: 27249

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

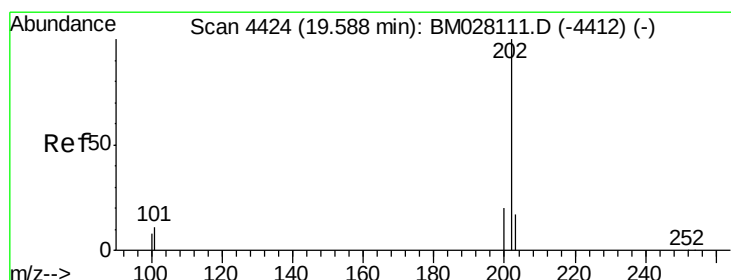
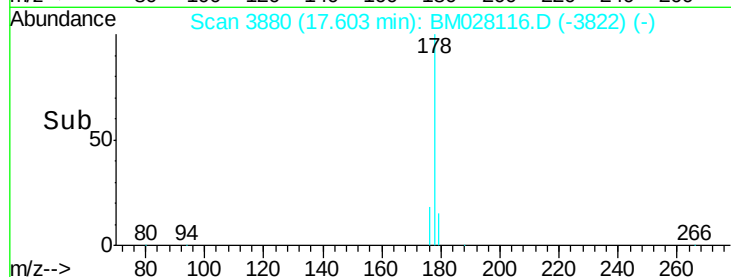
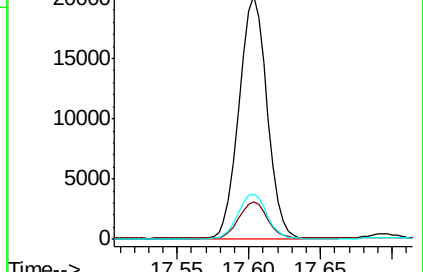
176 18.5 14.9 22.3



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



#19

Fluoranthene

Concen: 0.631 ng/ul

RT: 19.59 min Scan# 4424

Delta R.T. 0.00 min

Lab File: BM028116.D

Acq: 14 Dec 2020 17:42

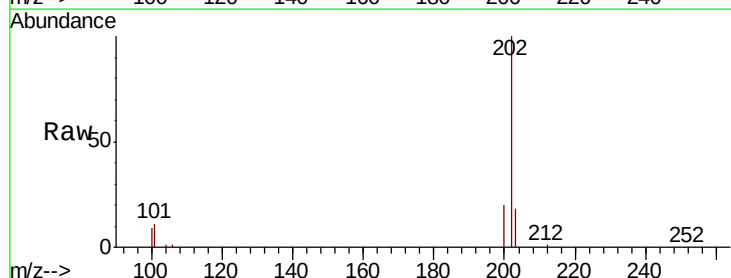
Tgt Ion:202 Resp: 25829

Ion Ratio Lower Upper

202 100

101 11.3 8.8 13.2

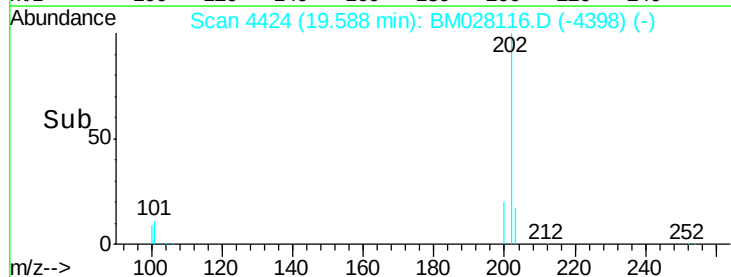
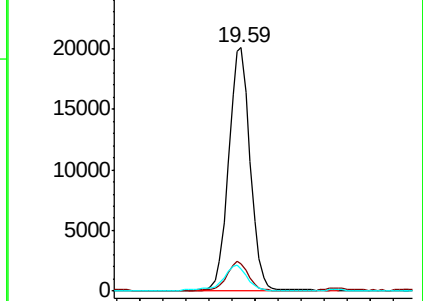
100 9.3 6.8 10.2

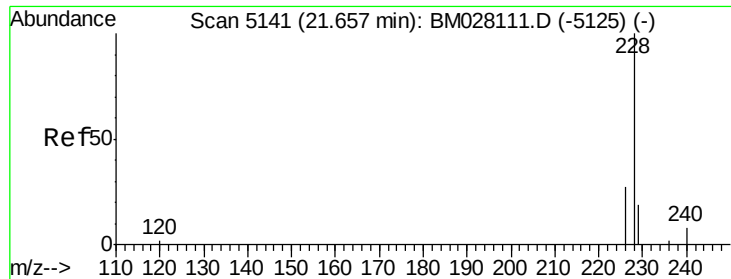


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

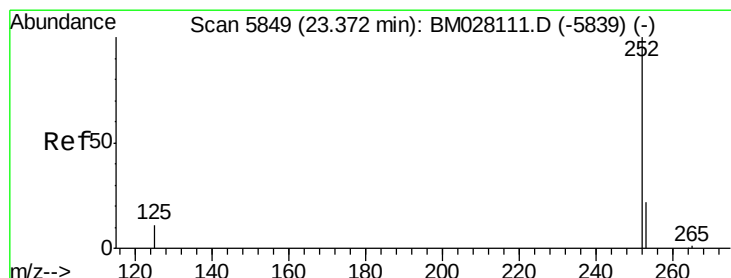
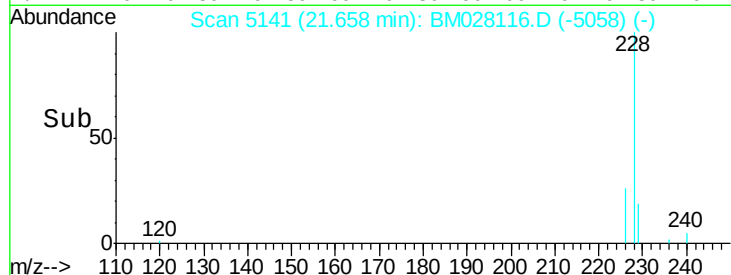
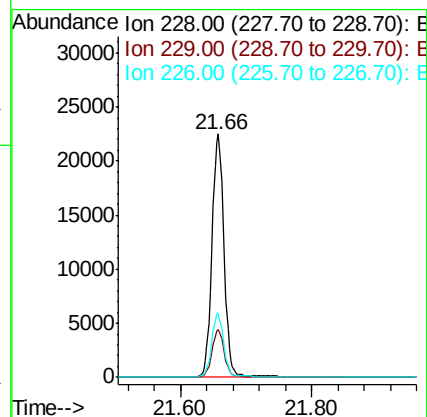
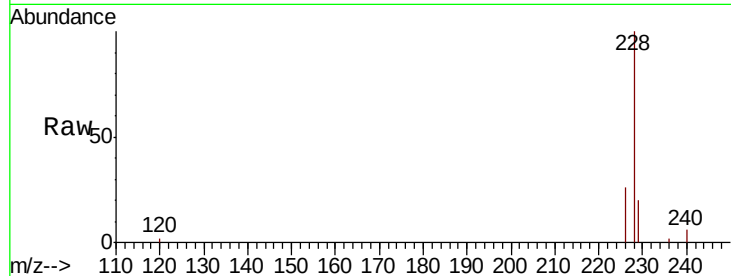




#21
Benzo(a)anthracene
Concen: 0.823 ng/ul
RT: 21.66 min Scan# 5141
Delta R.T. 0.00 min
Lab File: BM028116.D
Acq: 14 Dec 2020 17:42

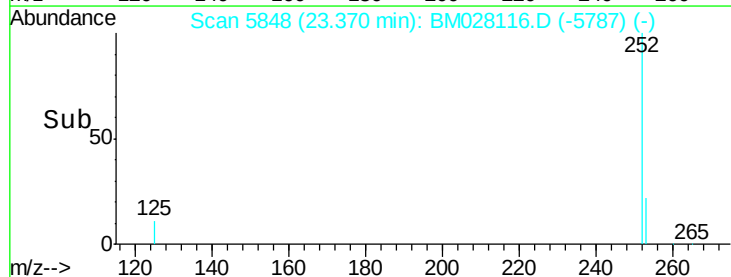
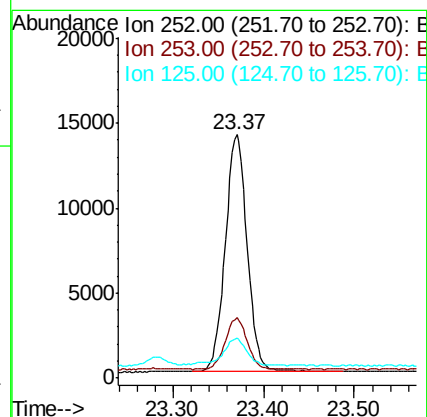
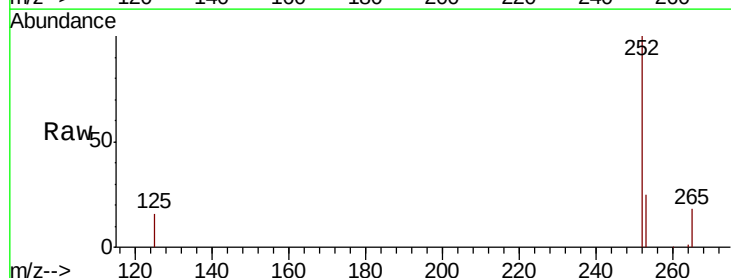
Instrument :
BNA_M
ClientSampleId :
X2S43

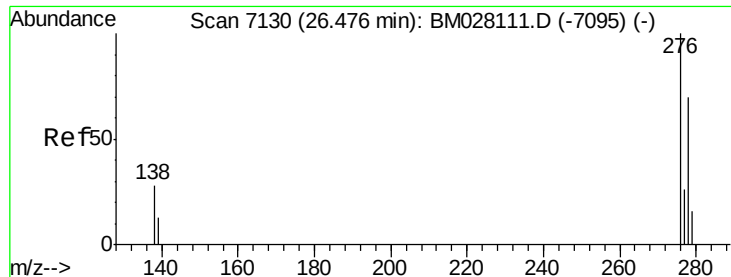
Tot Ion:228 Resp: 28233
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 26.4 20.7 31.1



#25
Benzo(k)fluoranthene
Concen: 0.722 ng/ul
RT: 23.37 min Scan# 5848
Delta R.T. -0.00 min
Lab File: BM028116.D
Acq: 14 Dec 2020 17:42

Tgt Ion:252 Resp: 23333
Ion Ratio Lower Upper
252 100
253 24.6 21.1 31.7
125 16.2 13.4 20.2

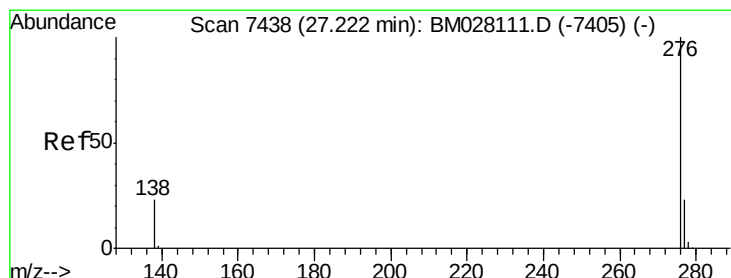
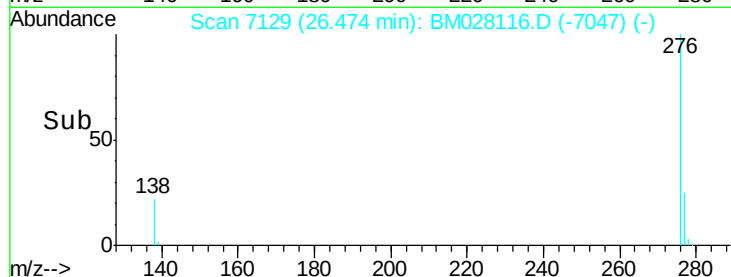
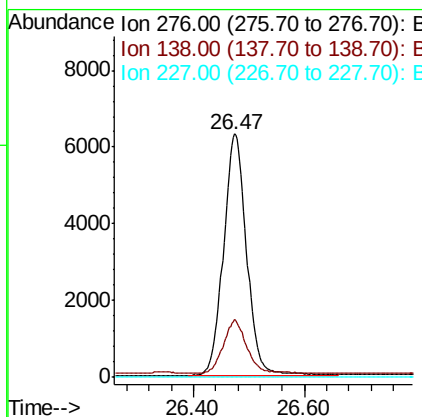
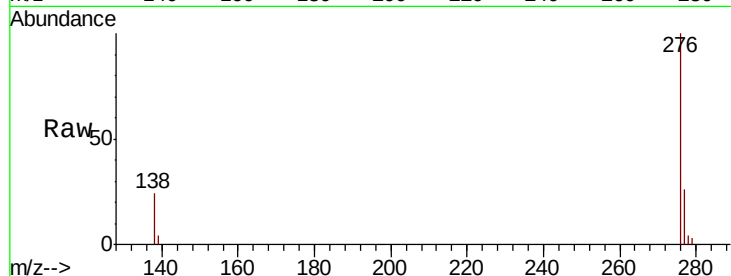




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.541 ng/ul
 RT: 26.47 min Scan# 7129
 Delta R.T. -0.00 min
 Lab File: BM028116.D
 Acq: 14 Dec 2020 17:42

Instrument :
 BNA_M
 ClientSampleId :
 X2S43

Tot Ion:276 Resp: 18244
 Ion Ratio Lower Upper
 276 100
 138 22.3 21.7 32.5
 227 0.0 0.0 0.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.069 ng/ul
 RT: 27.22 min Scan# 7438
 Delta R.T. 0.00 min
 Lab File: BM028116.D
 Acq: 14 Dec 2020 17:42

Tgt Ion:276 Resp: 31436
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.7 29.5
 277 24.4 20.6 31.0

