

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121420\
 Data File : BM028114.D
 Acq On : 14 Dec 2020 15:30
 Operator : JU/CG
 Sample : L4958-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2S38

Quant Time: Dec 14 16:04:57 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

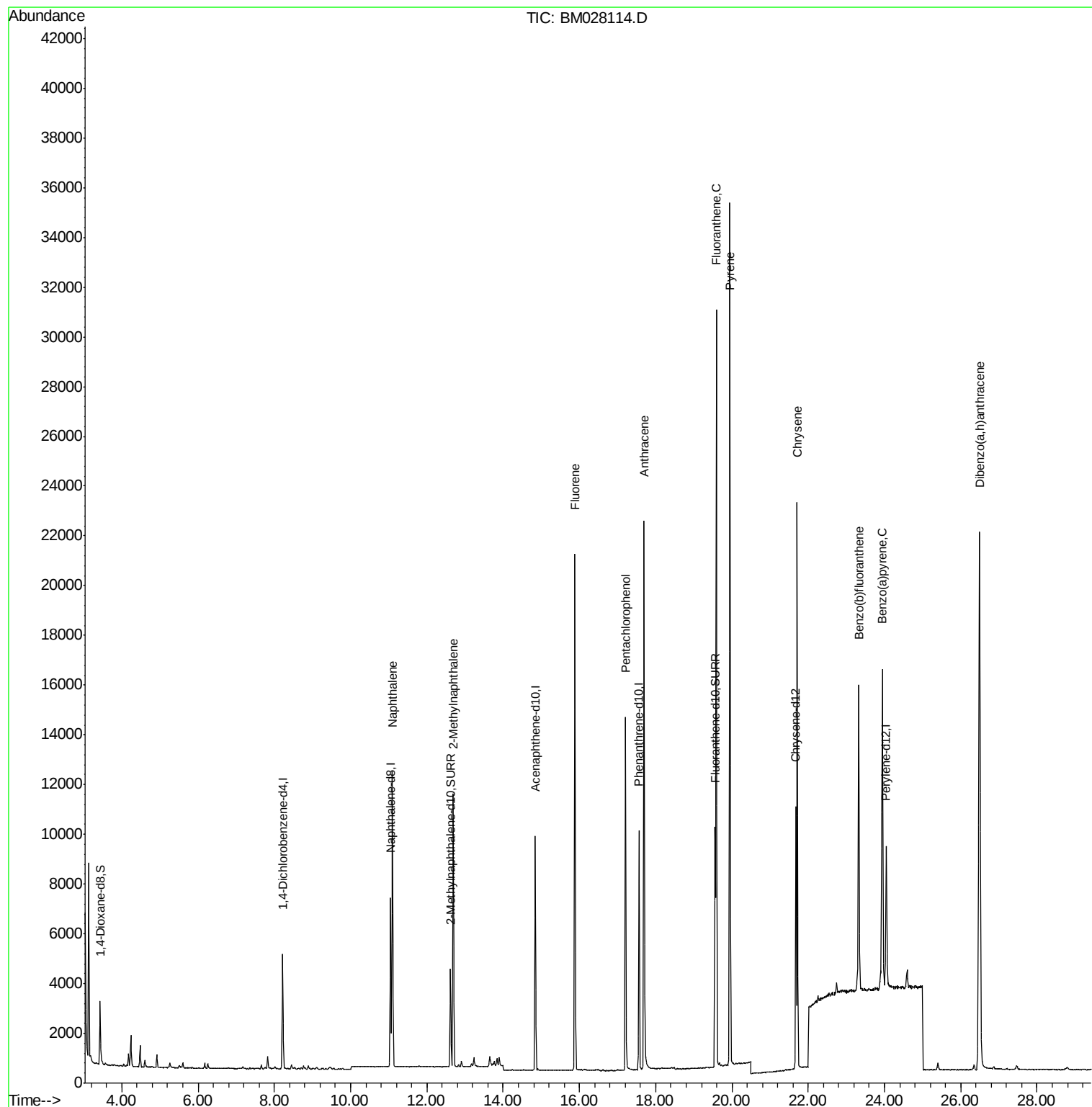
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	2264	0.40	ng/ul	0.00
4) Naphthalene-d8	11.05	136	8828	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.84	164	5045	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.56	188	10988	0.40	ng/ul	0.00
17) Chrysene-d12	21.67	240	9374	0.40	ng/ul	0.00
23) Perylene-d12	24.05	264	7975	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	1620	0.63	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.62	152	4763	0.35	ng/ul	0.00
18) Fluoranthene-d10	19.56	212	9946	0.36	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.10	128	15816	0.635	ng/ul	100
7) 2-Methylnaphthalene	12.69	142	7382	0.449	ng/ul	100
12) Fluorene	15.88	166	12427	0.611	ng/ul	99
14) Pentachlorophenol	17.21	266	8912	3.196	ng/ul	99
16) Anthracene	17.69	178	24689	0.835	ng/ul	100
19) Fluoranthene	19.59	202	25091	0.681	ng/ul	99
20) Pyrene	19.95	202	28439	0.773	ng/ul	99
22) Chrysene	21.71	228	19306	0.580	ng/ul	99
24) Benzo(b)fluoranthene	23.32	252	16131	0.503	ng/ul	99
26) Benzo(a)pyrene	23.94	252	19697	0.743	ng/ul	95
28) Dibenzo(a,h)anthracene	26.49	278	34796	1.291	ng/ul	96

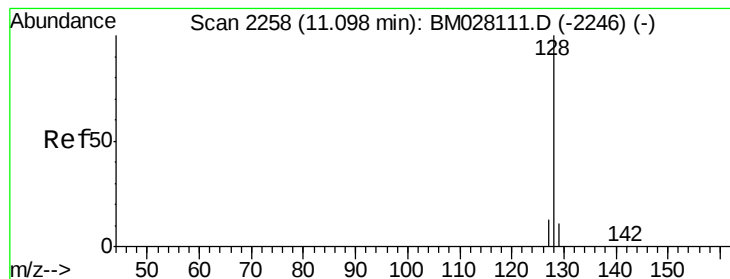
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.635 ng/ul

RT: 11.10 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BM028114.D

Acq: 14 Dec 2020 15:30

Instrument :

BNA_M

ClientSampleId :

X2S38

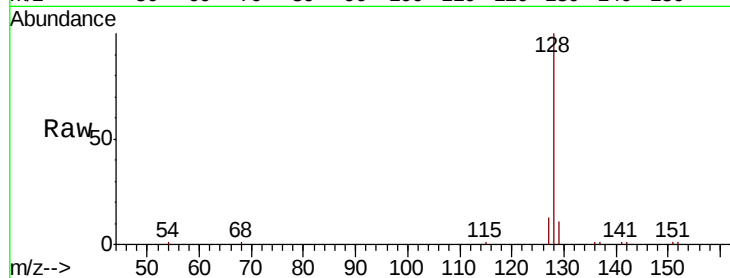
Tot Ion:128 Resp: 15816

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

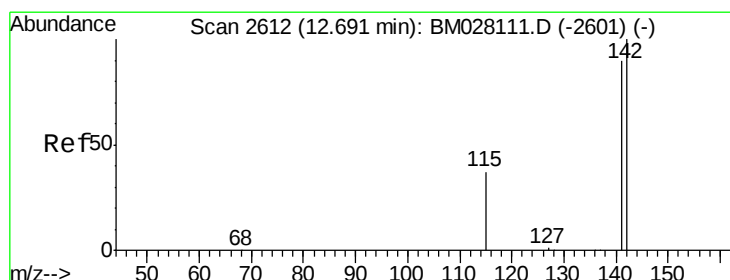
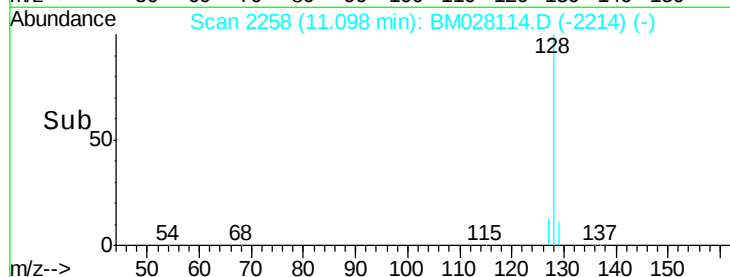
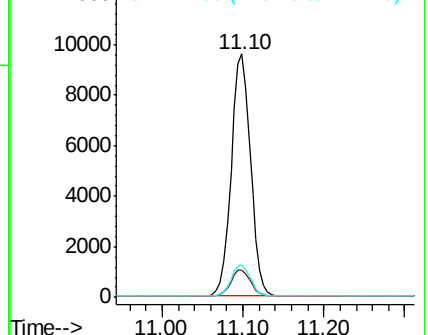
127 13.2 10.8 16.2



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: 0.449 ng/ul

RT: 12.69 min Scan# 2612

Delta R.T. 0.00 min

Lab File: BM028114.D

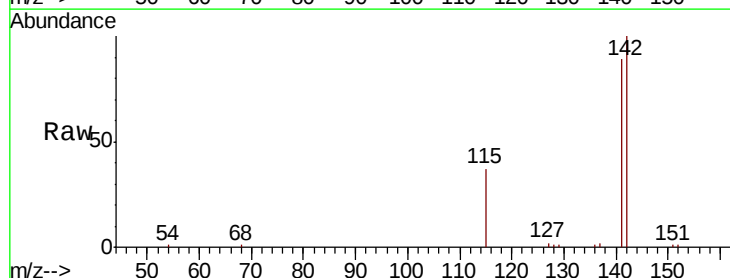
Acq: 14 Dec 2020 15:30

Tgt Ion:142 Resp: 7382

Ion Ratio Lower Upper

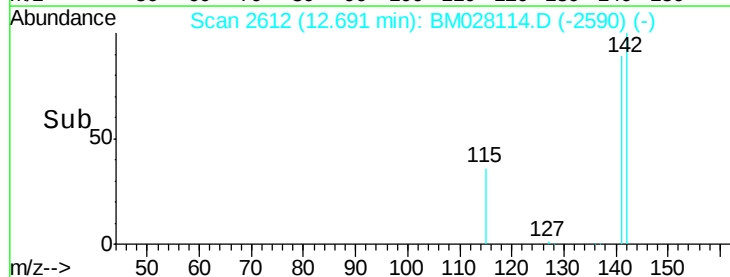
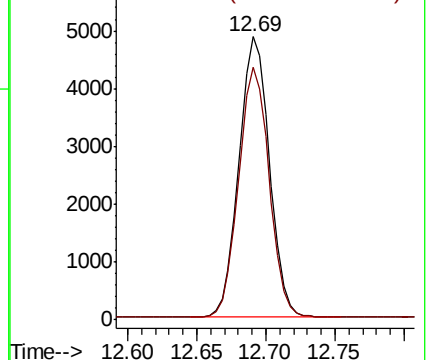
142 100

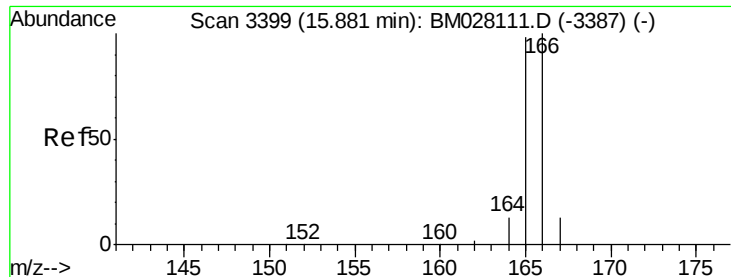
141 89.5 71.8 107.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Fluorene

Concen: 0.611 ng/ul

RT: 15.88 min Scan# 3399

Delta R.T. 0.00 min

Lab File: BM028114.D

Acq: 14 Dec 2020 15:30

Instrument :

BNA_M

ClientSampleId :

X2S38

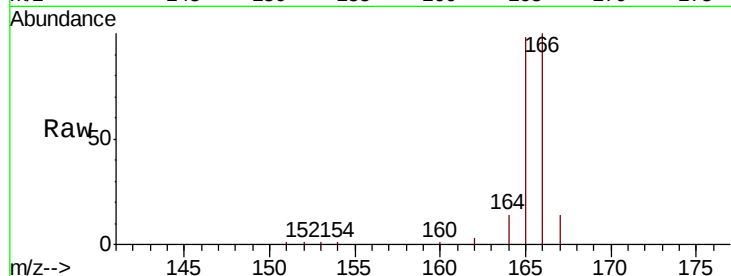
Tot Ion:166 Resp: 12427

Ion Ratio Lower Upper

166 100

165 98.4 77.9 116.9

167 13.7 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

12000

10000

8000

6000

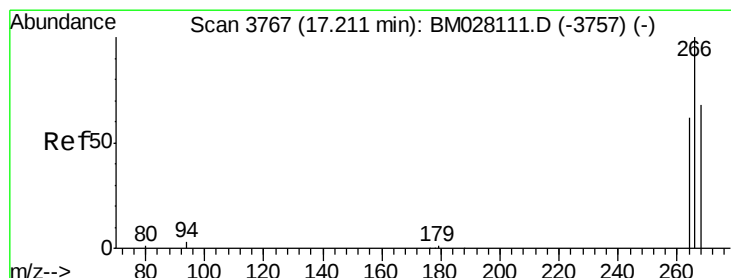
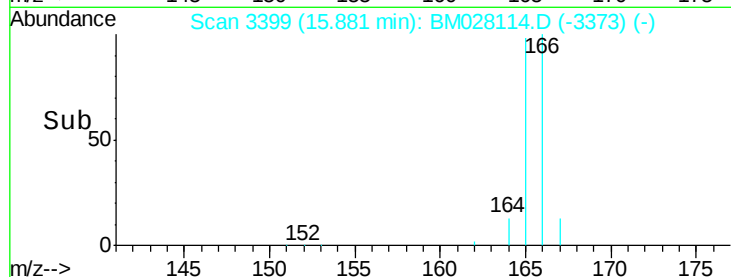
4000

2000

0

15.88

Time-->



#14

Pentachlorophenol

Concen: 3.196 ng/ul

RT: 17.21 min Scan# 3767

Delta R.T. 0.00 min

Lab File: BM028114.D

Acq: 14 Dec 2020 15:30

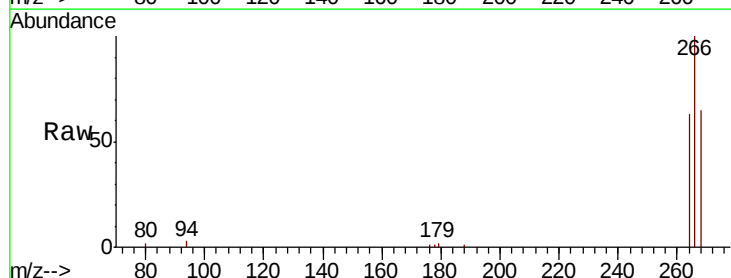
Tgt Ion:266 Resp: 8912

Ion Ratio Lower Upper

266 100

264 62.9 51.6 77.4

268 64.1 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

8000

6000

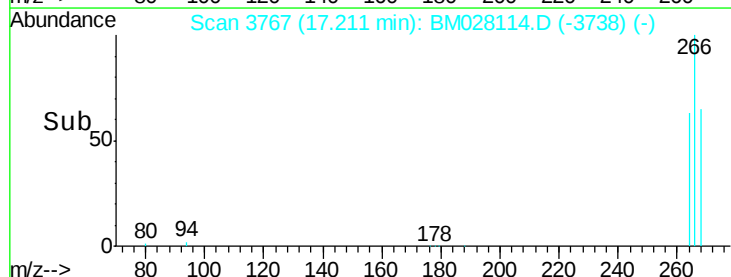
4000

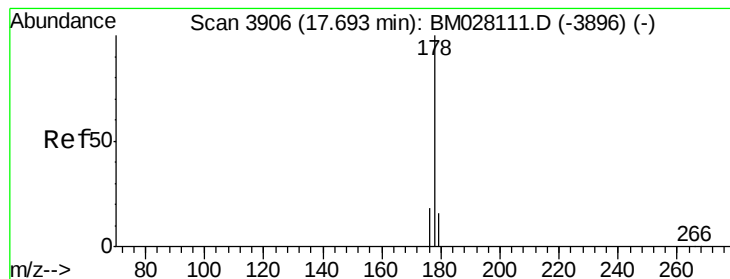
2000

0

17.21

Time-->





#16

Anthracene

Concen: 0.835 ng/ul

RT: 17.69 min Scan# 3906

Delta R.T. 0.00 min

Lab File: BM028114.D

Acq: 14 Dec 2020 15:30

Instrument :

BNA_M

ClientSampleId :

X2S38

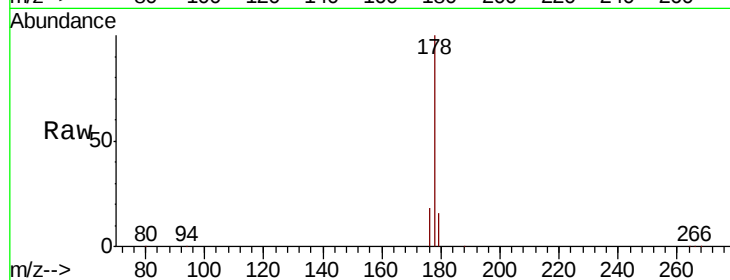
Tot Ion:178 Resp: 24689

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

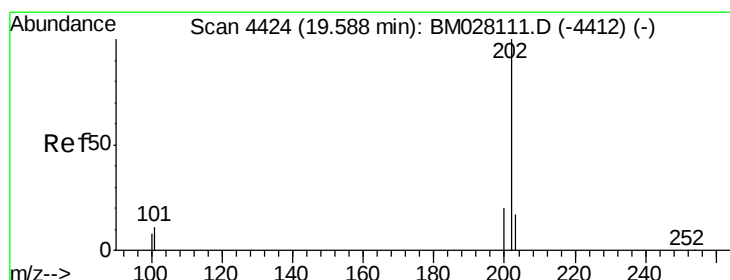
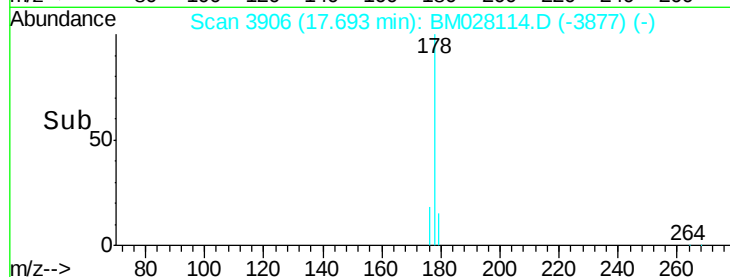
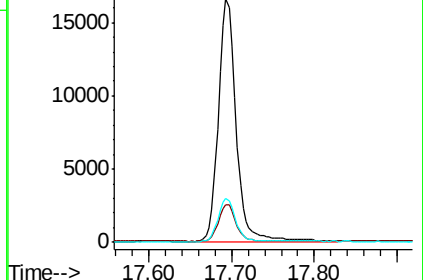
176 18.2 14.7 22.1



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: 0.681 ng/ul

RT: 19.59 min Scan# 4424

Delta R.T. 0.00 min

Lab File: BM028114.D

Acq: 14 Dec 2020 15:30

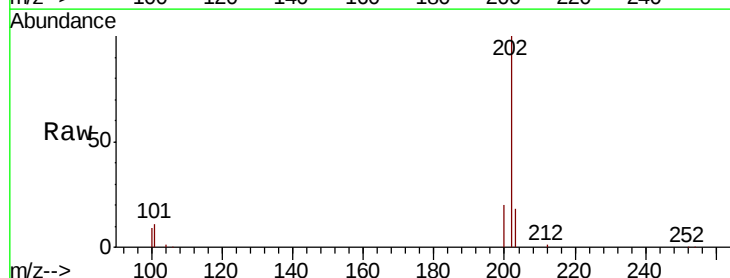
Tgt Ion:202 Resp: 25091

Ion Ratio Lower Upper

202 100

101 11.2 8.8 13.2

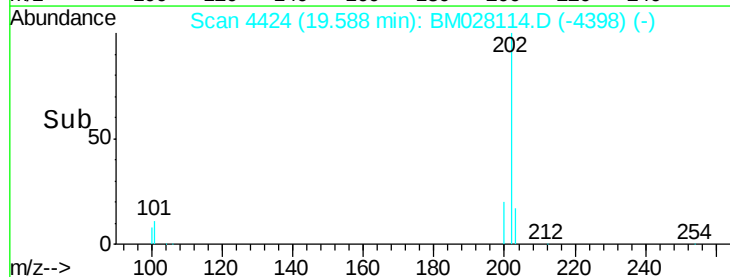
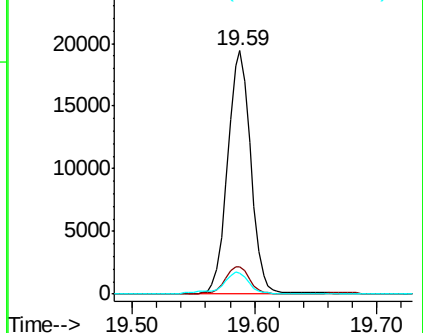
100 8.7 6.8 10.2

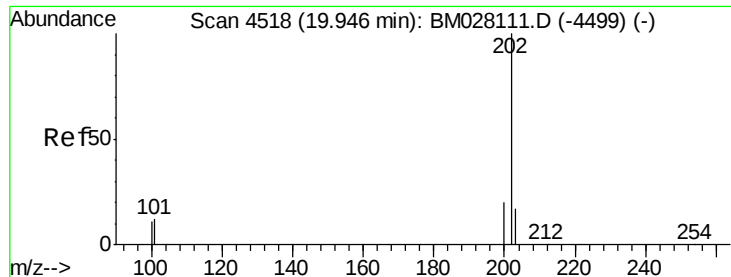


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

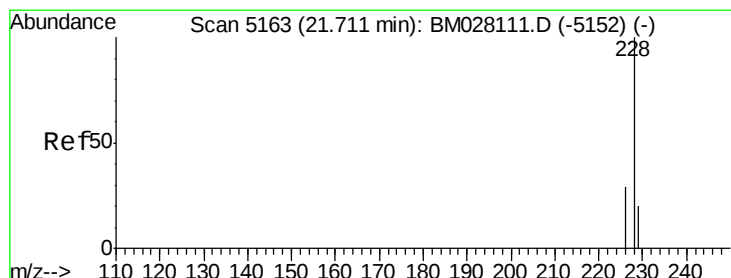
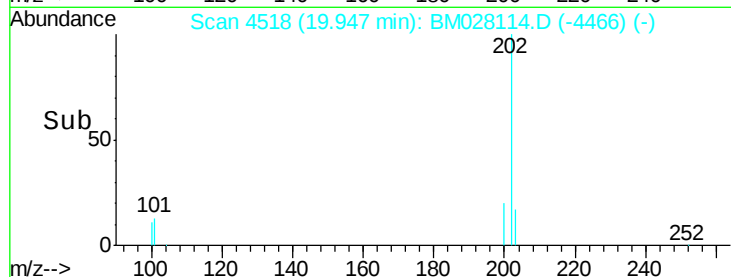
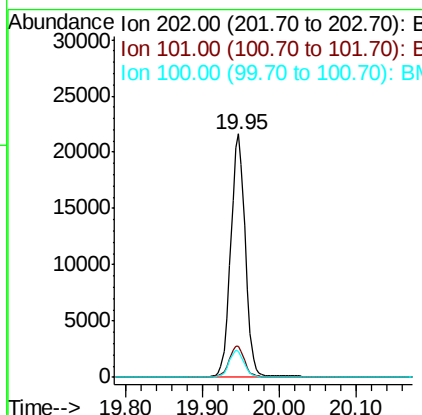
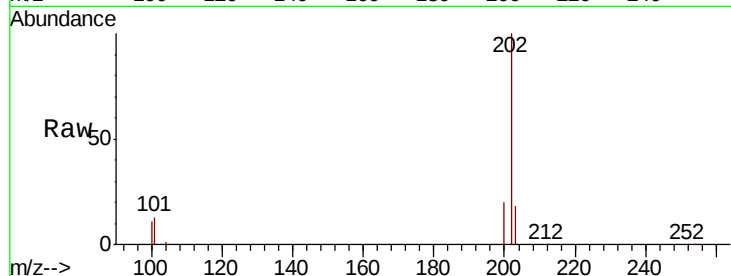




#20
Pvrene
Concen: 0.773 ng/ul
RT: 19.95 min Scan# 4518
Delta R.T. 0.00 min
Lab File: BM028114.D
Acq: 14 Dec 2020 15:30

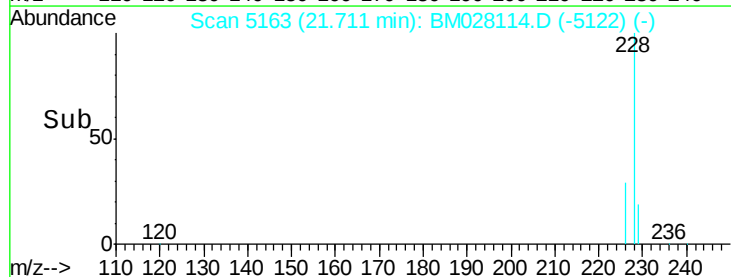
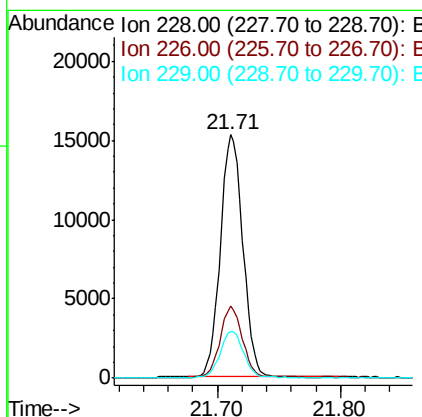
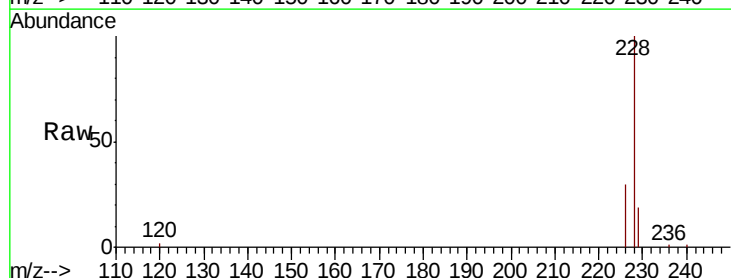
Instrument :
BNA_M
ClientSampleId :
X2S38

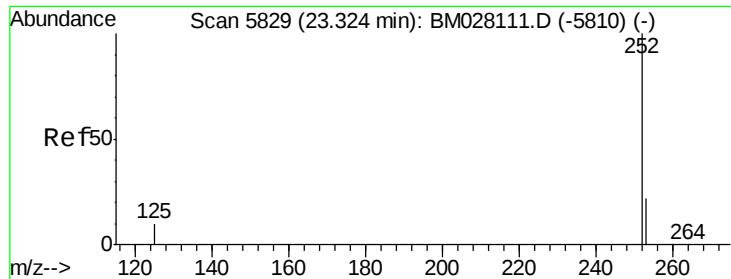
Tot Ion:202 Resp: 28439
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 10.8 8.4 12.6



#22
Chrysene
Concen: 0.580 ng/ul
RT: 21.71 min Scan# 5163
Delta R.T. 0.00 min
Lab File: BM028114.D
Acq: 14 Dec 2020 15:30

Tgt Ion:228 Resp: 19306
Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.0
229 19.3 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.503 ng/ul

RT: 23.32 min Scan# 5829

Delta R.T. 0.00 min

Lab File: BM028114.D

Acq: 14 Dec 2020 15:30

Instrument :

BNA_M

ClientSampleId :

X2S38

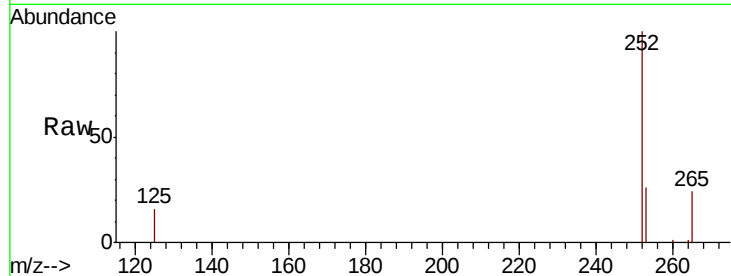
Tot Ion:252 Resp: 16131

Ion Ratio Lower Upper

252 100

253 25.5 0.0 51.4

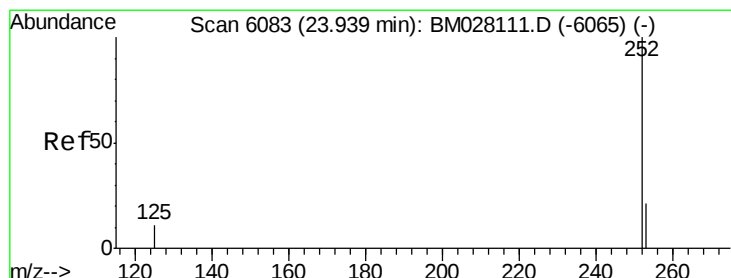
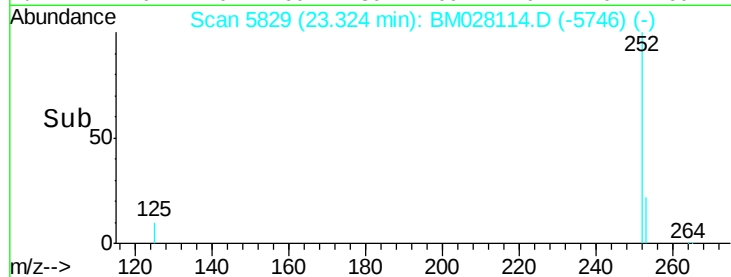
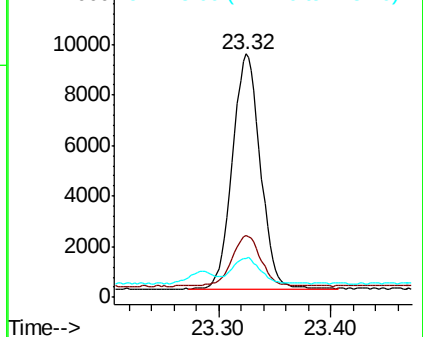
125 15.7 0.0 32.8



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



#26

Benzo(a)pyrene

Concen: 0.743 ng/ul

RT: 23.94 min Scan# 6084

Delta R.T. 0.00 min

Lab File: BM028114.D

Acq: 14 Dec 2020 15:30

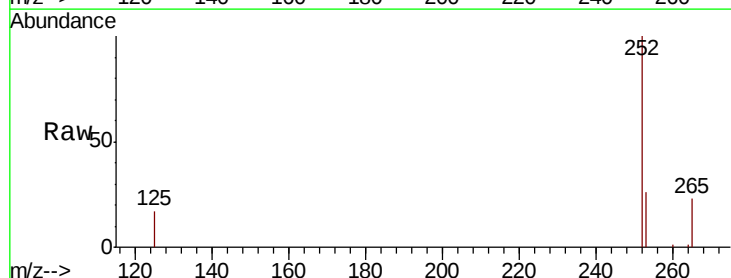
Tgt Ion:252 Resp: 19697

Ion Ratio Lower Upper

252 100

253 25.9 22.3 33.5

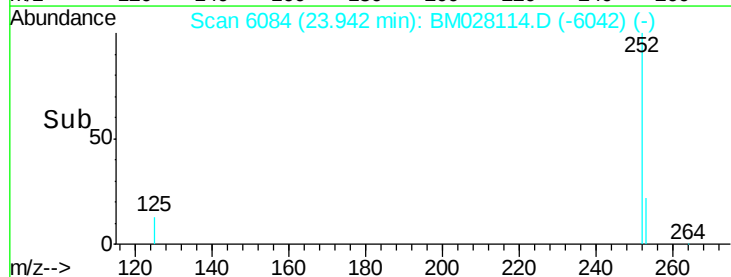
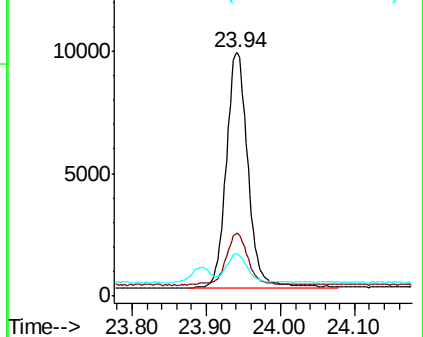
125 17.5 16.1 24.1

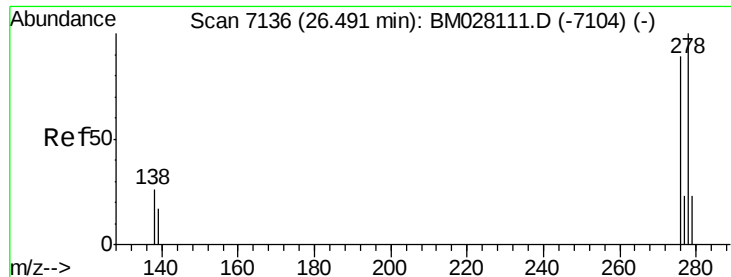


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#28

Dibenzo(a,h)anthracene

Concen: 1.291 ng/ul

RT: 26.49 min Scan# 7136

Delta R.T. 0.00 min

Lab File: BM028114.D

Acq: 14 Dec 2020 15:30

Instrument :

BNA_M

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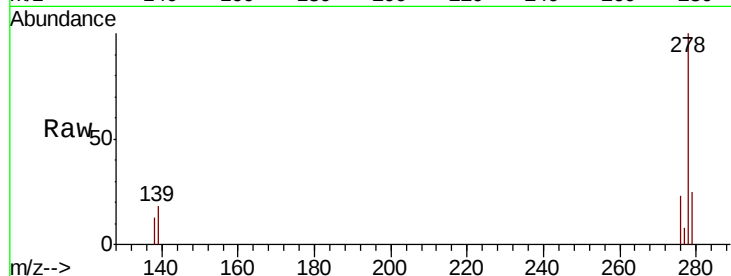
Tot Ion:278 Resp: 34796

Ion Ratio Lower Upper

278 100

139 17.7 15.2 22.8

279 24.9 22.2 33.4



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

