

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121420\
 Data File : BM028115.D
 Acq On : 14 Dec 2020 16:18
 Operator : JU/CG
 Sample : L4958-04DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2S38DL

Quant Time: Dec 14 16:58:32 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

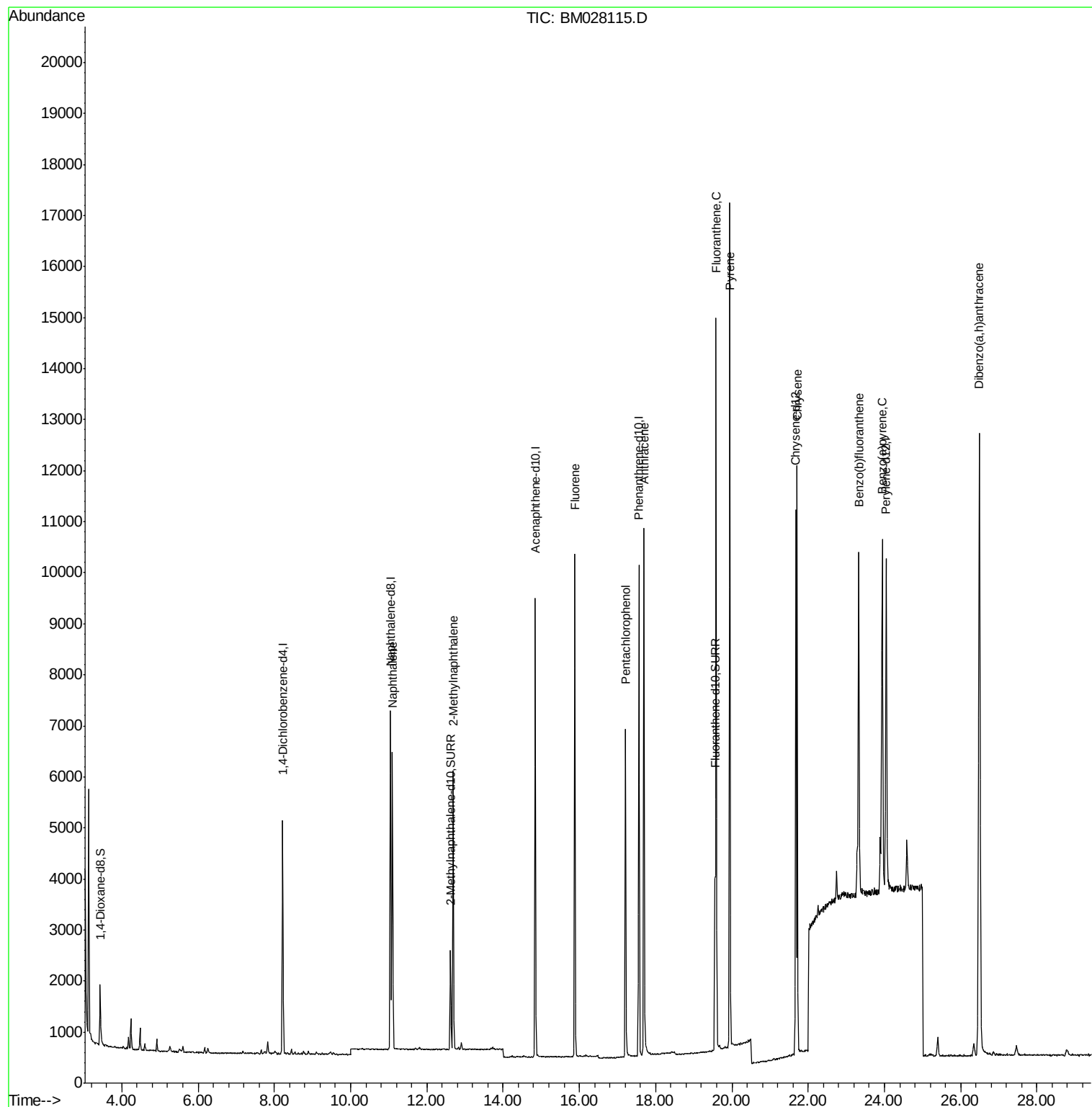
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	2226	0.40	ng/ul	0.00
4) Naphthalene-d8	11.05	136	8768	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.84	164	4992	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.56	188	10872	0.40	ng/ul	0.00
17) Chrysene-d12	21.67	240	9734	0.40	ng/ul	0.00
23) Perylene-d12	24.05	264	8854	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	779	0.31	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.62	152	2353	0.18	ng/ul	0.00
18) Fluoranthene-d10	19.56	212	4875	0.17	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.10	128	7889	0.319	ng/ul	99
7) 2-Methylnaphthalene	12.69	142	3704	0.227	ng/ul	98
12) Fluorene	15.88	166	6086	0.302	ng/ul	99
14) Pentachlorophenol	17.21	266	4071	1.475	ng/ul	99
16) Anthracene	17.69	178	11860	0.405	ng/ul	99
19) Fluoranthene	19.58	202	12147	0.317	ng/ul	97
20) Pyrene	19.95	202	13905	0.364	ng/ul	99
22) Chrysene	21.71	228	9871	0.286	ng/ul	99
24) Benzo(b)fluoranthene	23.32	252	8948	0.251	ng/ul	92
26) Benzo(a)pyrene	23.94	252	10195	0.346	ng/ul	97
28) Dibenzo(a,h)anthracene	26.49	278	19898	0.665	ng/ul	97

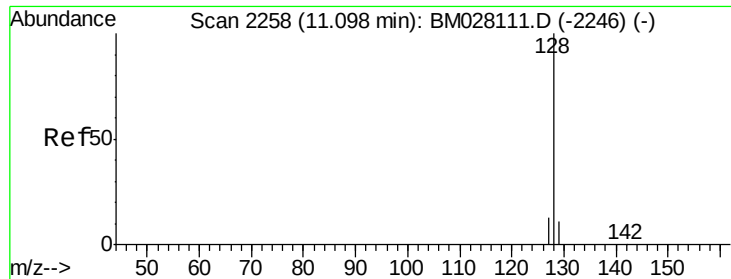
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#5

Naphthalene

Concen: 0.319 ng/ul

RT: 11.10 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BM028115.D

Acq: 14 Dec 2020 16:18

Instrument :

BNA_M

ClientSampleId :

X2S38DL

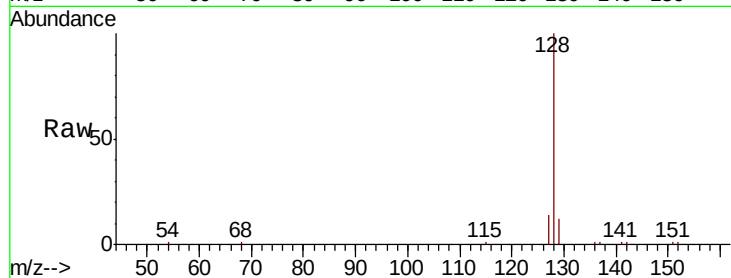
Tot Ion:128 Resp: 7889

Ion Ratio Lower Upper

128 100

129 12.1 9.2 13.8

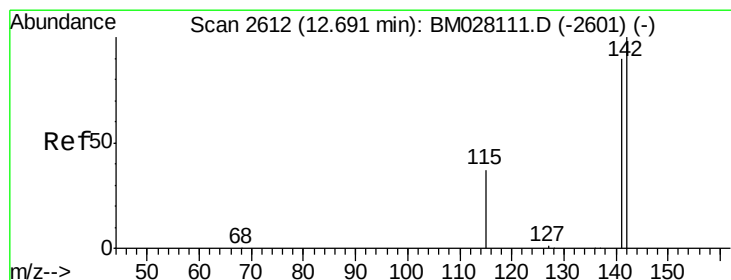
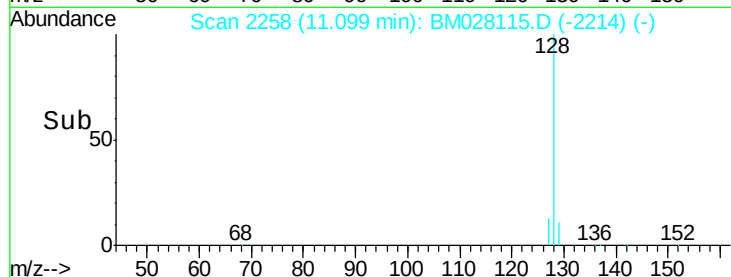
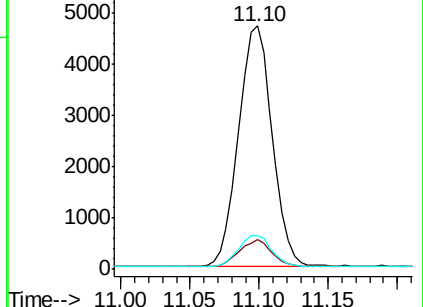
127 14.0 10.8 16.2



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: 0.227 ng/ul

RT: 12.69 min Scan# 2612

Delta R.T. 0.00 min

Lab File: BM028115.D

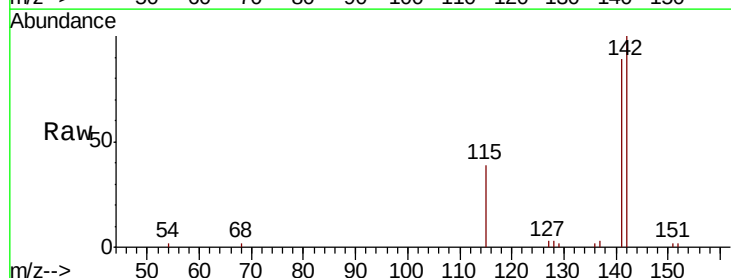
Acq: 14 Dec 2020 16:18

Tgt Ion:142 Resp: 3704

Ion Ratio Lower Upper

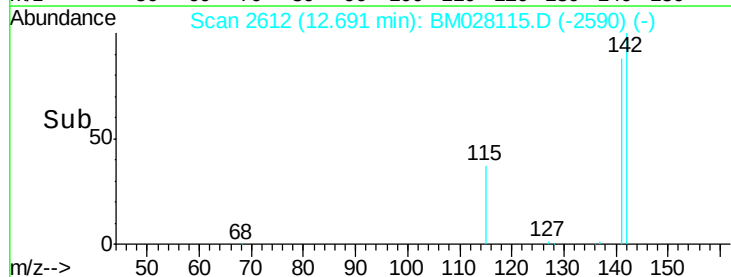
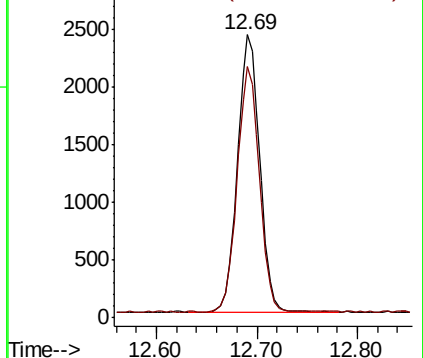
142 100

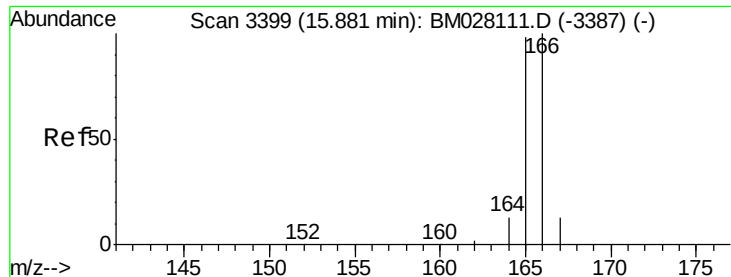
141 88.0 71.8 107.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Fluorene

Concen: 0.302 ng/ul

RT: 15.88 min Scan# 3399

Delta R.T. 0.00 min

Lab File: BM028115.D

Acq: 14 Dec 2020 16:18

Instrument :

BNA_M

ClientSampleId :

X2S38DL

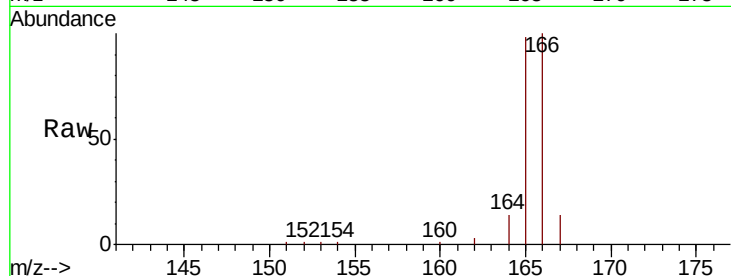
Tot Ion:166 Resp: 6086

Ion Ratio Lower Upper

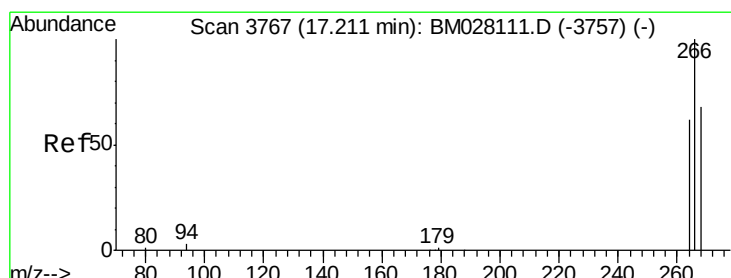
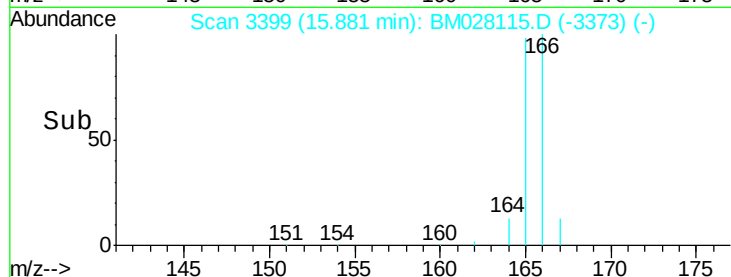
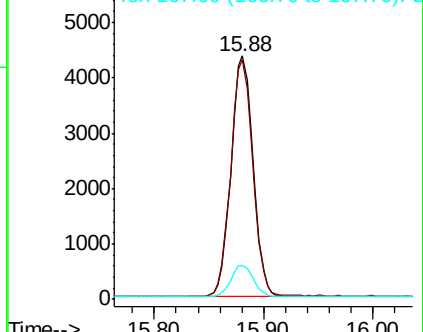
166 100

165 98.5 77.9 116.9

167 13.9 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: 1.475 ng/ul

RT: 17.21 min Scan# 3767

Delta R.T. 0.00 min

Lab File: BM028115.D

Acq: 14 Dec 2020 16:18

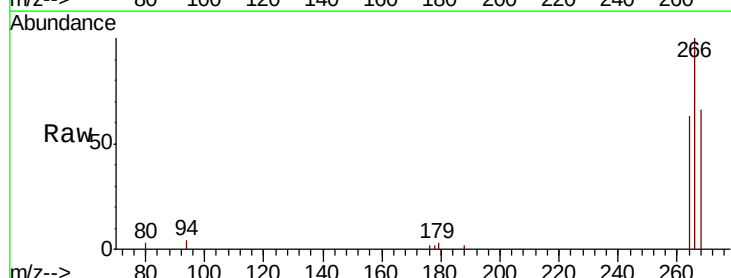
Tgt Ion:266 Resp: 4071

Ion Ratio Lower Upper

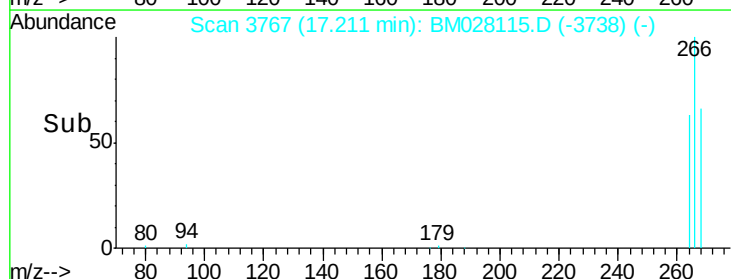
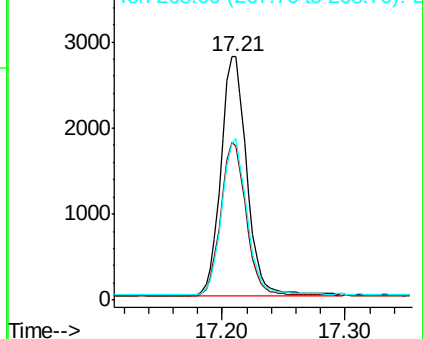
266 100

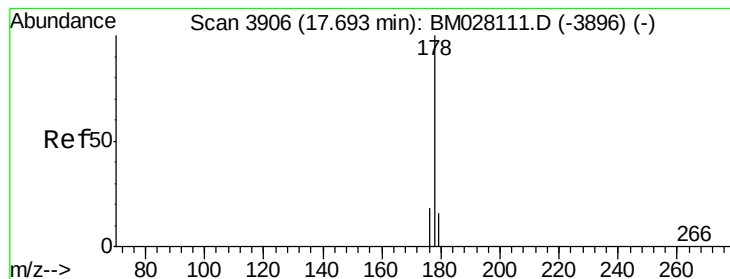
264 63.2 51.6 77.4

268 64.0 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





#16

Anthracene

Concen: 0.405 ng/ul

RT: 17.69 min Scan# 3906

Delta R.T. 0.00 min

Lab File: BM028115.D

Acq: 14 Dec 2020 16:18

Instrument :

BNA_M

ClientSampleId :

X2S38DL

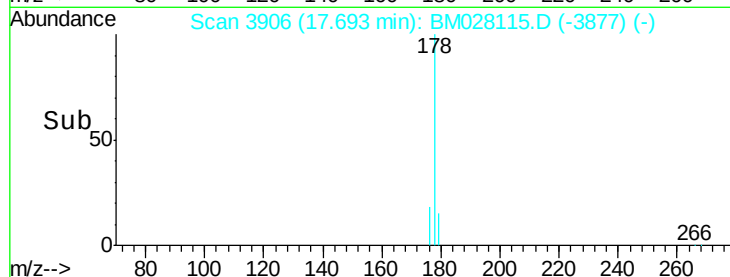
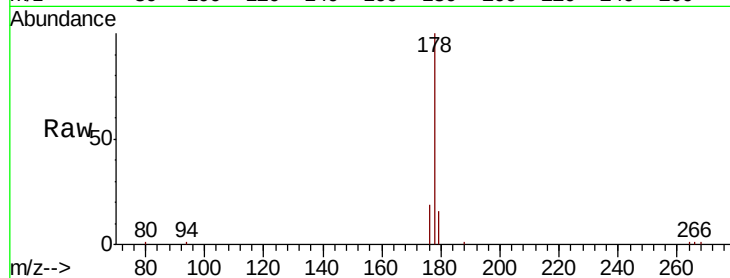
Tot Ion:178 Resp: 11860

Ion Ratio Lower Upper

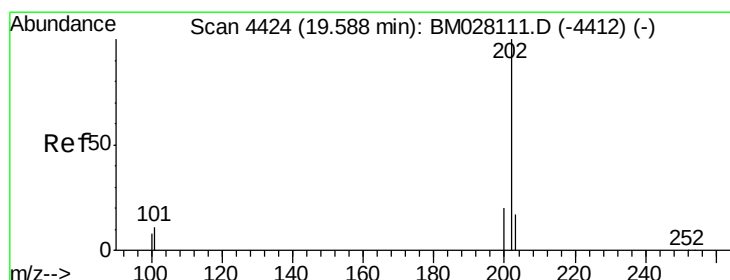
178 100

179 16.0 12.5 18.7

176 18.5 14.7 22.1



Time-->



#19

Fluoranthene

Concen: 0.317 ng/ul

RT: 19.58 min Scan# 4423

Delta R.T. -0.00 min

Lab File: BM028115.D

Acq: 14 Dec 2020 16:18

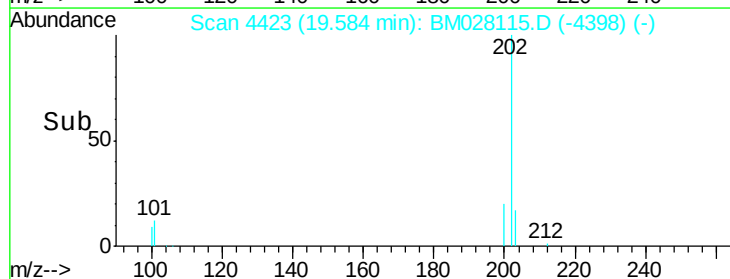
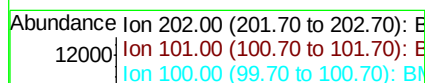
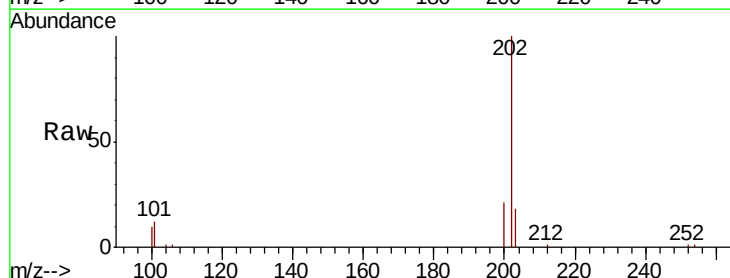
Tgt Ion:202 Resp: 12147

Ion Ratio Lower Upper

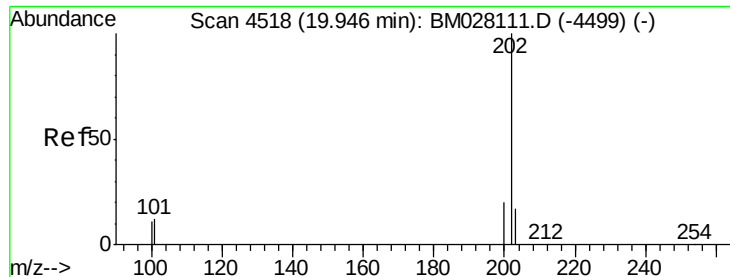
202 100

101 12.4 8.8 13.2

100 9.5 6.8 10.2



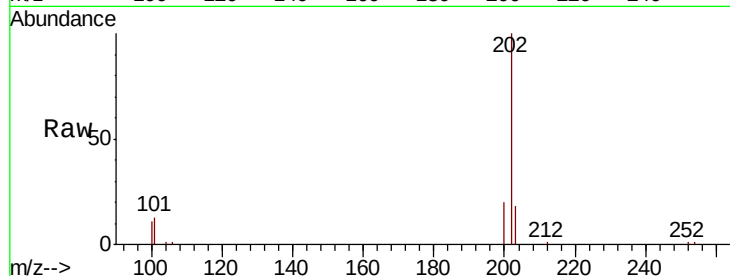
Time-->



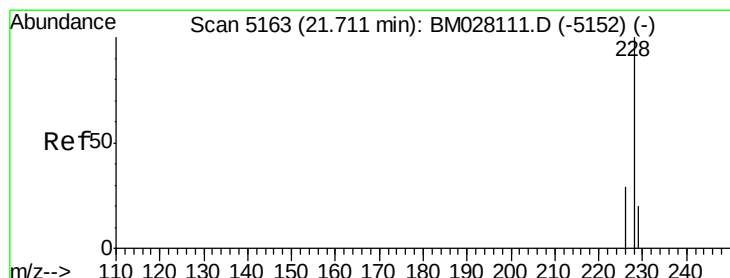
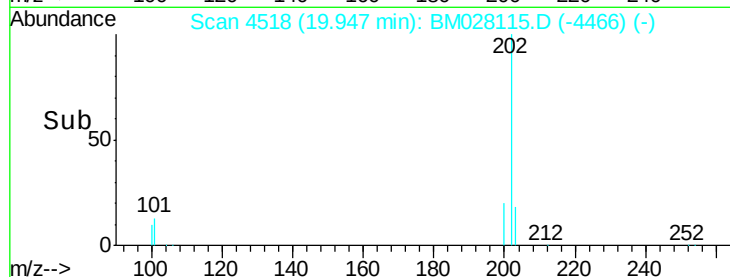
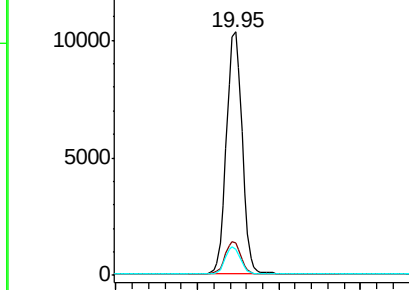
#20
Pvrene
Concen: 0.364 ng/ul
RT: 19.95 min Scan# 4518
Delta R.T. 0.00 min
Lab File: BM028115.D
Acq: 14 Dec 2020 16:18

Instrument :
BNA_M
ClientSampleId :
X2S38DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.1	15.1
100	10.8	8.4	12.6

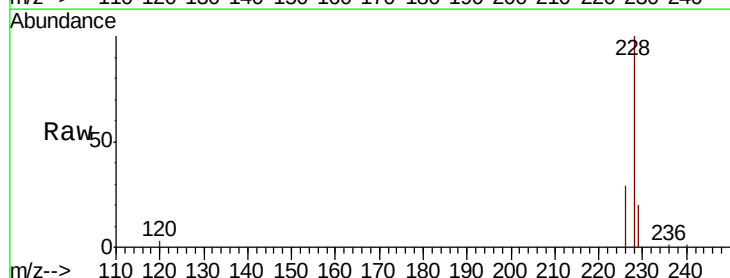


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

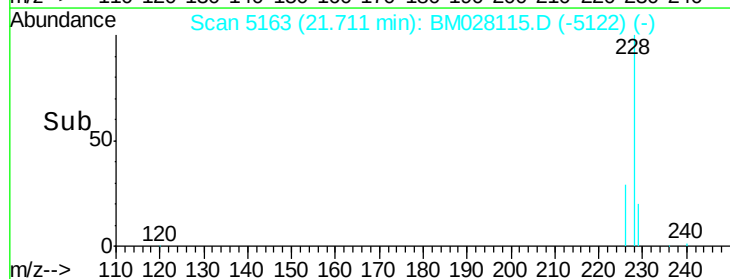
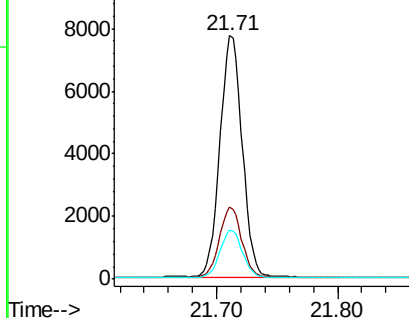


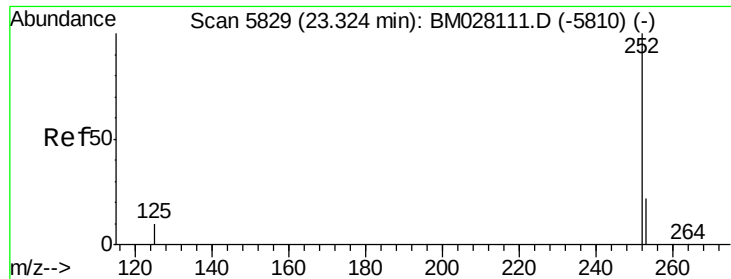
#22
Chrysene
Concen: 0.286 ng/ul
RT: 21.71 min Scan# 5163
Delta R.T. 0.00 min
Lab File: BM028115.D
Acq: 14 Dec 2020 16:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	20.2	15.9	23.9



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





#24

Benzo(b)fluoranthene

Concen: 0.251 ng/ul

RT: 23.32 min Scan# 5829

Delta R.T. 0.00 min

Lab File: BM028115.D

Acq: 14 Dec 2020 16:18

Instrument :

BNA_M

ClientSampleId :

X2S38DL

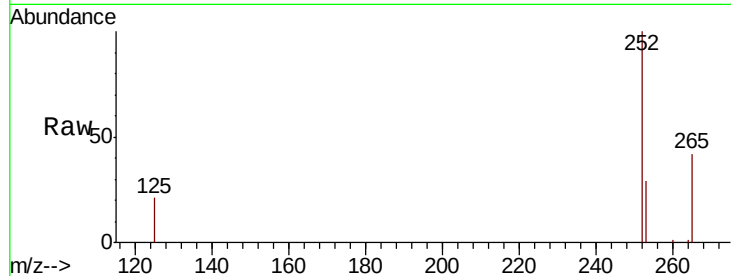
Tot Ion:252 Resp: 8948

Ion Ratio Lower Upper

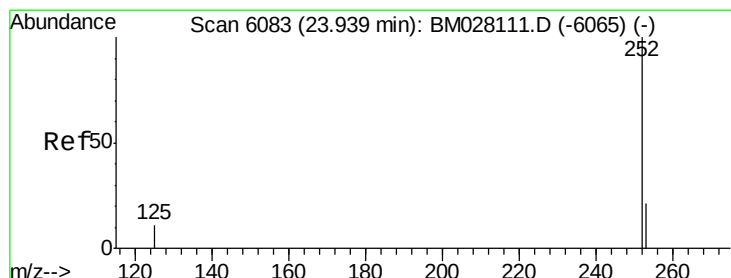
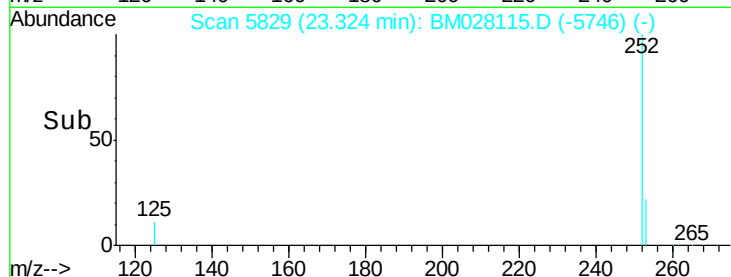
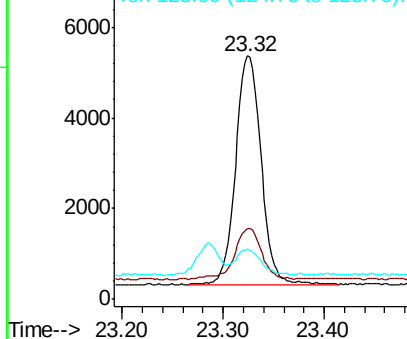
252 100

253 28.9 0.0 51.4

125 20.8 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: 0.346 ng/ul

RT: 23.94 min Scan# 6084

Delta R.T. 0.00 min

Lab File: BM028115.D

Acq: 14 Dec 2020 16:18

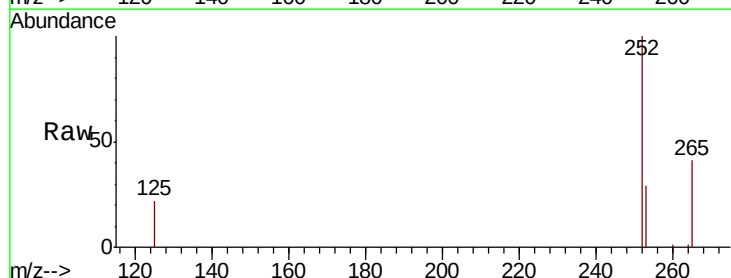
Tgt Ion:252 Resp: 10195

Ion Ratio Lower Upper

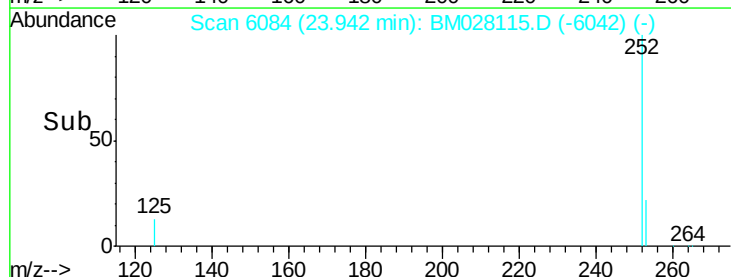
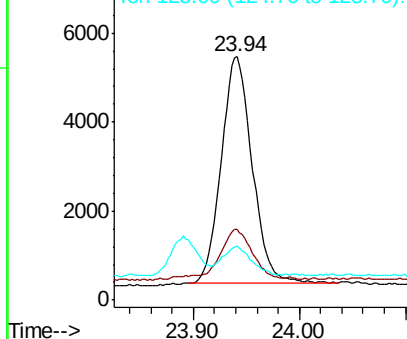
252 100

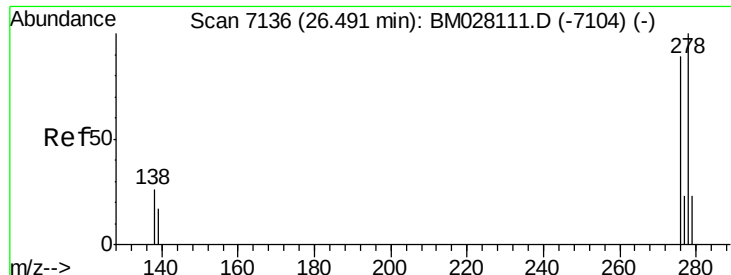
253 29.1 22.3 33.5

125 22.3 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: 0.665 ng/ul

RT: 26.49 min Scan# 7136

Delta R.T. 0.00 min

Lab File: BM028115.D

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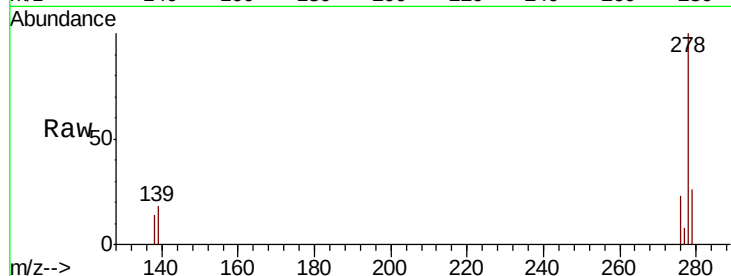
Tot Ion:278 Resp: 19898

Ion Ratio Lower Upper

278 100

139 18.0 15.2 22.8

279 26.3 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

