

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123020\
 Data File : BM028286.D
 Acq On : 30 Dec 2020 15:13
 Operator : JU/CG
 Sample : L5175-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2W00

Quant Time: Dec 30 15:56:34 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 : Wed Dec 30 10:02:26 2020
 Response via : Initial Calibration

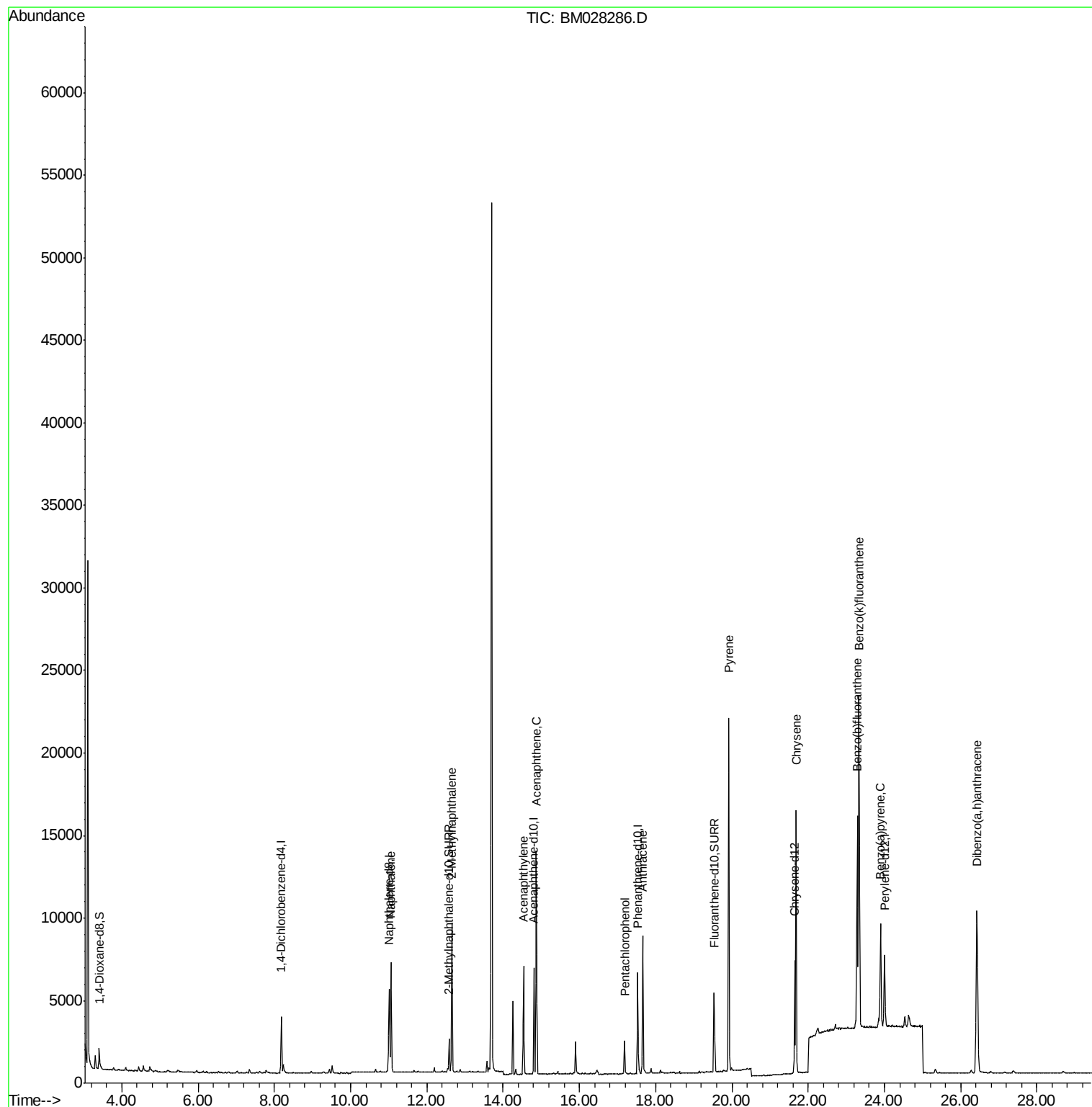
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	1710	0.40	ng/ul	0.00
4) Naphthalene-d8	11.01	136	6653	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.81	164	3417	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.53	188	6817	0.40	ng/ul	0.00
17) Chrysene-d12	21.65	240	6059	0.40	ng/ul	0.00
23) Perylene-d12	24.00	264	5894	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	780	0.40	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.58	152	2546	0.25	ng/ul	0.00
18) Fluoranthene-d10	19.53	212	5188	0.29	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.06	128	8653	0.461	ng/ul	99
7) 2-Methylnaphthalene	12.65	142	6202	0.501	ng/ul	99
10) Acenaphthylene	14.53	152	7407	0.537	ng/ul	99
11) Acenaphthene	14.87	153	7478	0.617	ng/ul	100
14) Pentachlorophenol	17.18	266	1344	0.777	ng/ul	99
16) Anthracene	17.66	178	9096	0.496	ng/ul	99
20) Pyrene	19.92	202	17176	0.722	ng/ul	96
22) Chrysene	21.68	228	13217	0.614	ng/ul	100
24) Benzo(b)fluoranthene	23.29	252	16095	0.679	ng/ul	99
25) Benzo(k)fluoranthene	23.33	252	25020	1.098	ng/ul	95
26) Benzo(a)pyrene	23.90	252	8927	0.456	ng/ul	96
28) Dibenzo(a,h)anthracene	26.43	278	15833	0.795	ng/ul	97

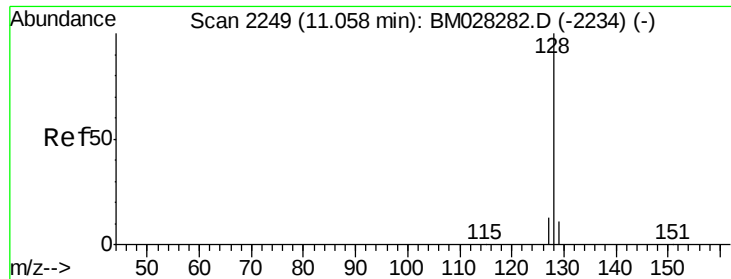
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 30 10:02:26 2020
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.461 ng/ul

RT: 11.06 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BM028286.D

Acq: 30 Dec 2020 15:13

Instrument :

BNA_M

ClientSampleId :

X2W00

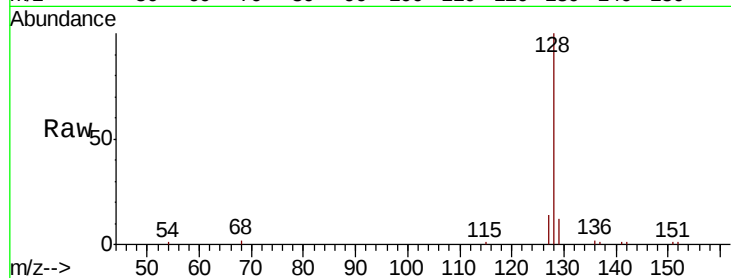
Tot Ion:128 Resp: 8653

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

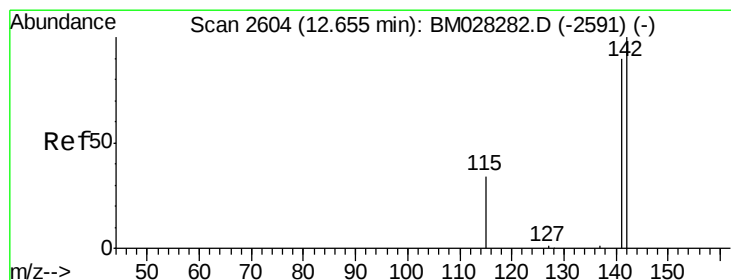
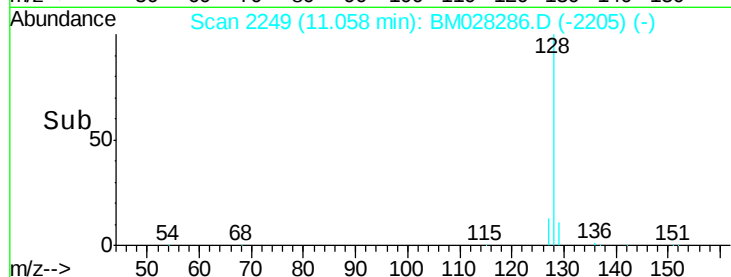
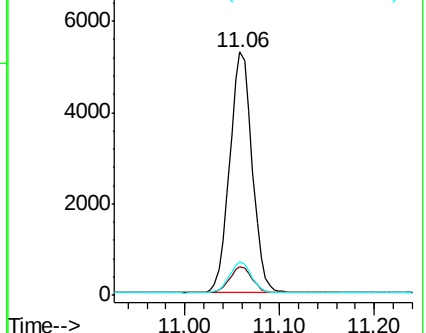
127 13.8 10.8 16.2



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: 0.501 ng/ul

RT: 12.65 min Scan# 2604

Delta R.T. 0.00 min

Lab File: BM028286.D

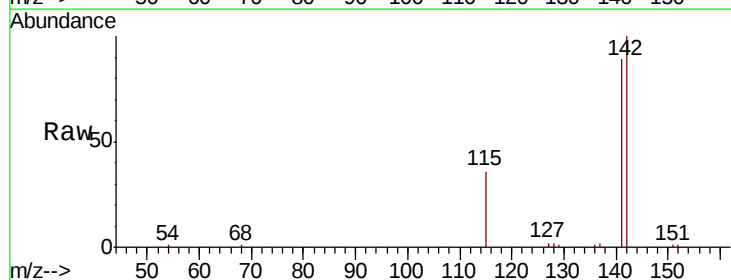
Acq: 30 Dec 2020 15:13

Tgt Ion:142 Resp: 6202

Ion Ratio Lower Upper

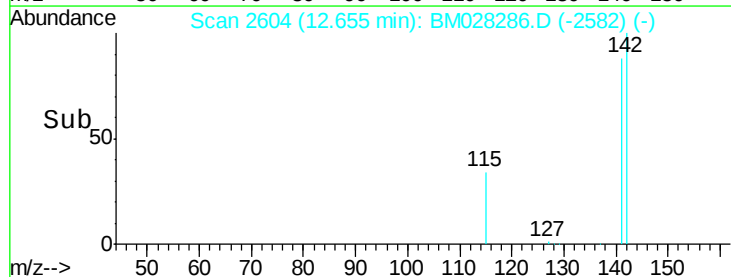
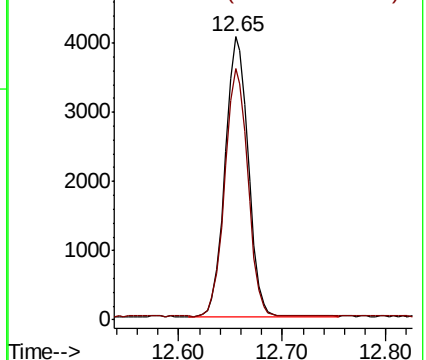
142 100

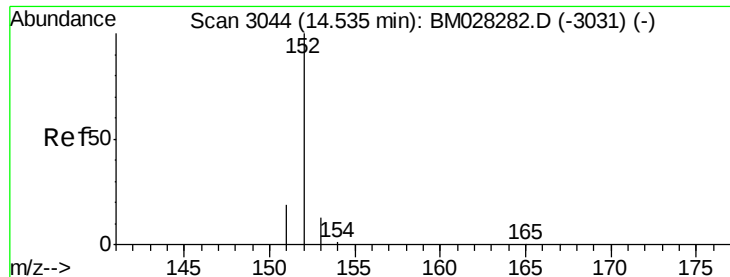
141 88.6 71.8 107.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 0.537 ng/ul

RT: 14.53 min Scan# 3044

Delta R.T. 0.00 min

Lab File: BM028286.D

Acq: 30 Dec 2020 15:13

Instrument :

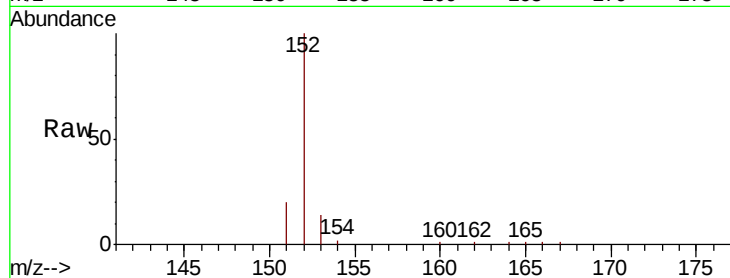
BNA_M

ClientSampleId :

X2W00

Tot Ion:152 Resp: 7407

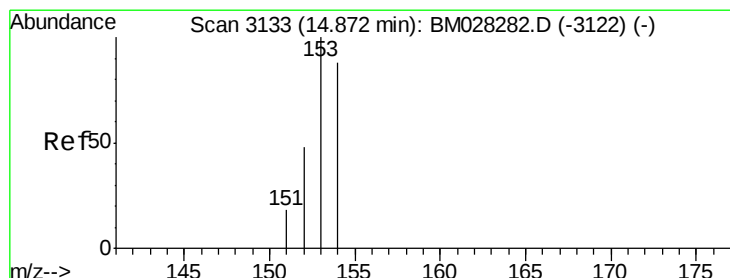
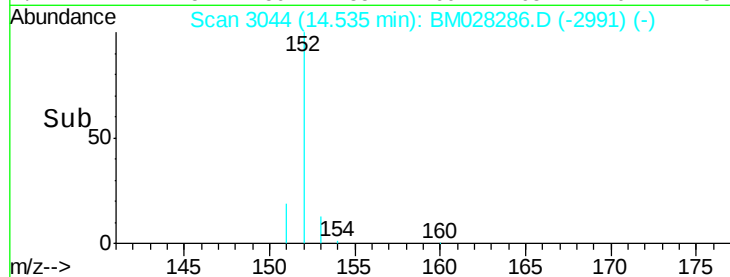
Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	14.2	10.7	16.1



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



#11

Acenaphthene

Concen: 0.617 ng/ul

RT: 14.87 min Scan# 3133

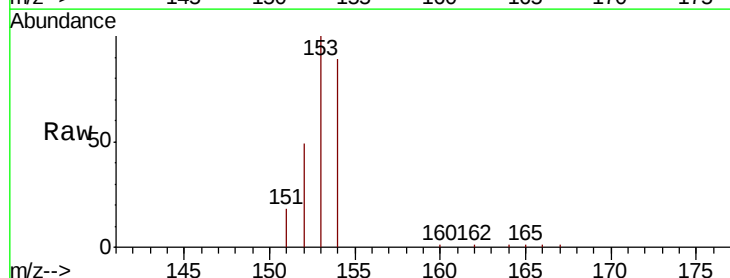
Delta R.T. 0.00 min

Lab File: BM028286.D

Acq: 30 Dec 2020 15:13

Tgt Ion:153 Resp: 7478

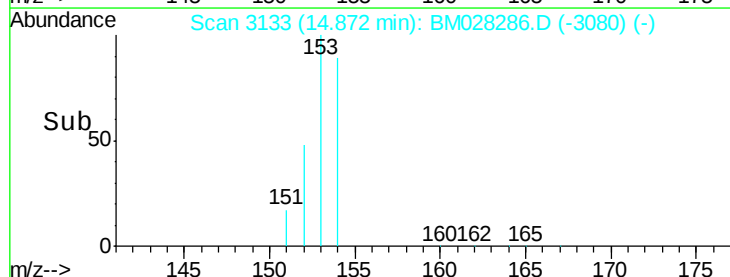
Ion	Ratio	Lower	Upper
153	100		
152	48.7	39.5	59.3
154	88.6	71.0	106.4

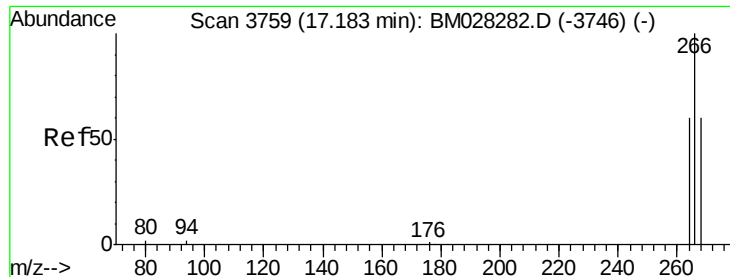


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#14

Pentachlorophenol

Concen: 0.777 ng/ul

RT: 17.18 min Scan# 3759

Delta R.T. 0.00 min

Lab File: BM028286.D

Acq: 30 Dec 2020 15:13

Instrument :

BNA_M

ClientSampleId :

X2W00

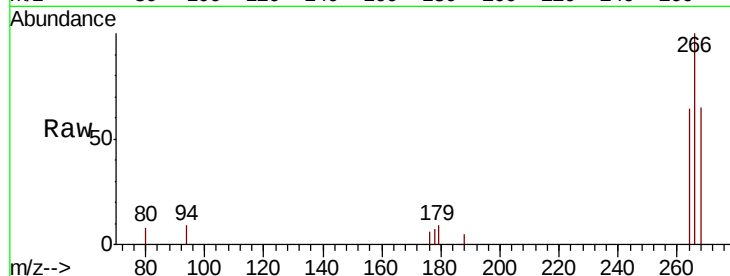
Tot Ion:266 Resp: 1344

Ion Ratio Lower Upper

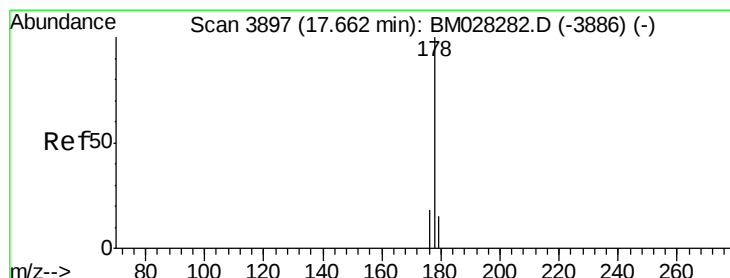
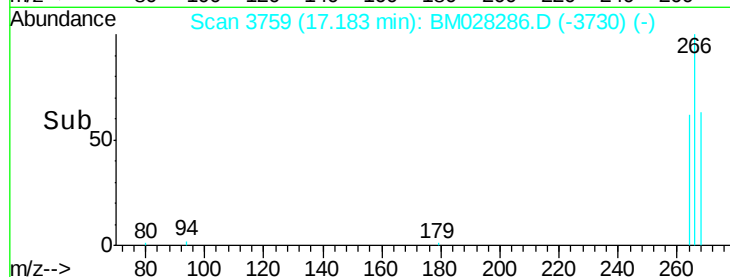
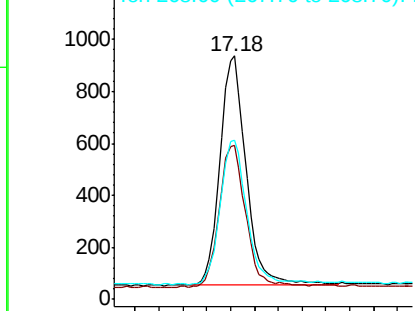
266 100

264 62.8 51.6 77.4

268 64.2 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: 0.496 ng/ul

RT: 17.66 min Scan# 3897

Delta R.T. 0.00 min

Lab File: BM028286.D

Acq: 30 Dec 2020 15:13

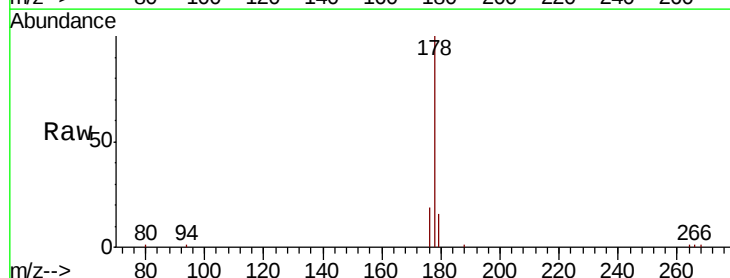
Tgt Ion:178 Resp: 9096

Ion Ratio Lower Upper

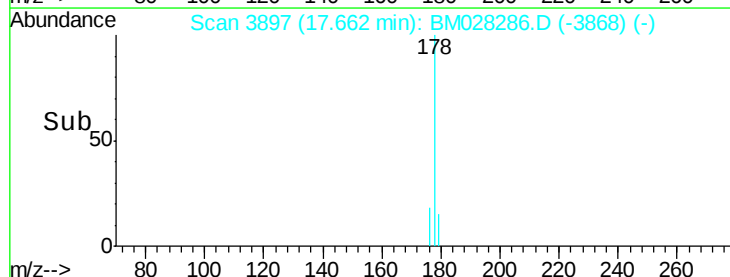
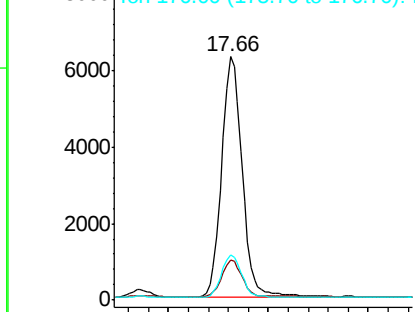
178 100

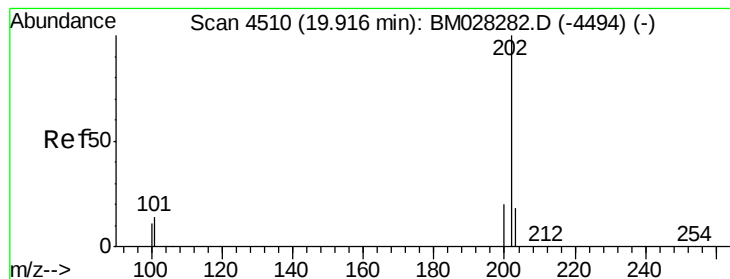
179 16.2 12.5 18.7

176 18.6 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





#20

Pvrene

Concen: 0.722 ng/ul

RT: 19.92 min Scan# 4510

Delta R.T. 0.00 min

Lab File: BM028286.D

Acq: 30 Dec 2020 15:13

Instrument :

BNA_M

ClientSampleId :

X2W00

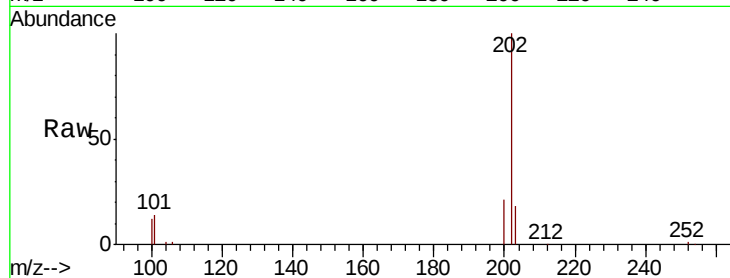
Tot Ion:202 Resp: 17176

Ion Ratio Lower Upper

202 100

101 14.1 10.1 15.1

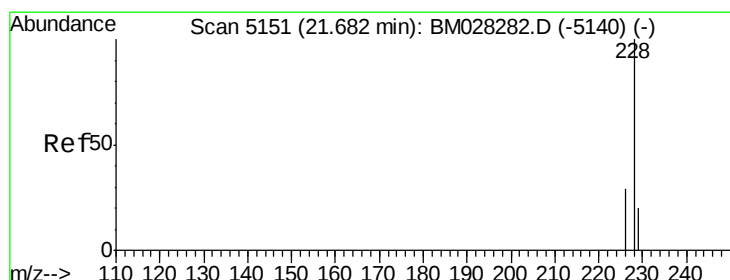
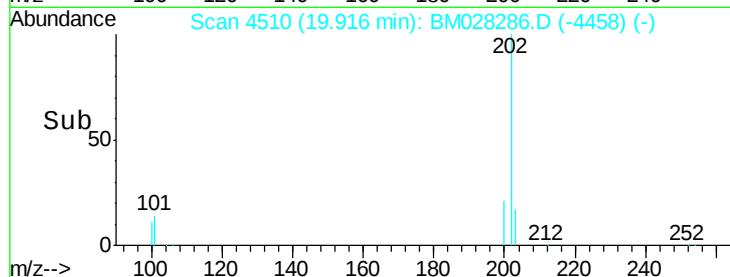
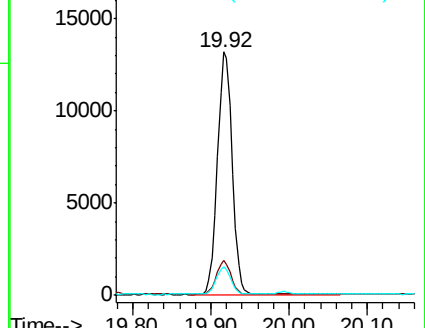
100 11.8 8.4 12.6



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: 0.614 ng/ul

RT: 21.68 min Scan# 5152

Delta R.T. 0.00 min

Lab File: BM028286.D

Acq: 30 Dec 2020 15:13

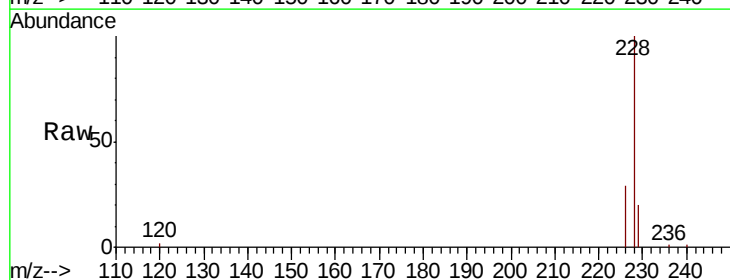
Tgt Ion:228 Resp: 13217

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.0

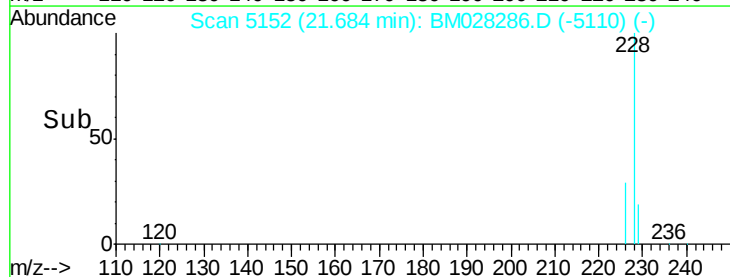
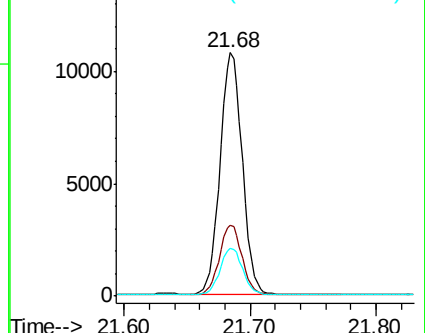
229 19.5 15.9 23.9

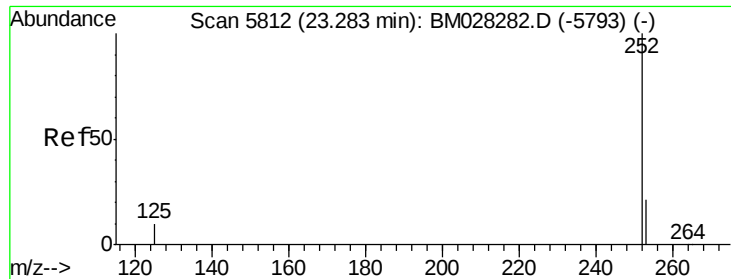


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#24

Benzo(b)fluoranthene

Concen: 0.679 ng/ul

RT: 23.29 min Scan# 5814

Delta R.T. 0.00 min

Lab File: BM028286.D

Acq: 30 Dec 2020 15:13

Instrument :

BNA_M

ClientSampleId :

X2W00

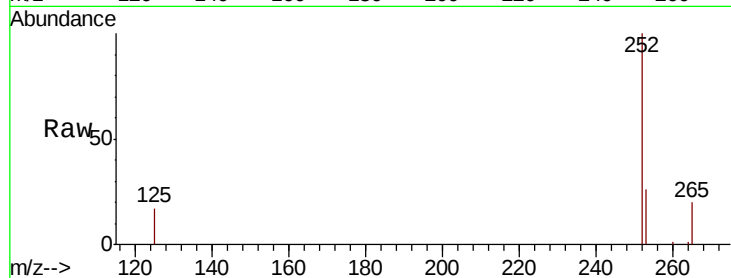
Tot Ion:252 Resp: 16095

Ion Ratio Lower Upper

252 100

253 25.6 0.0 51.4

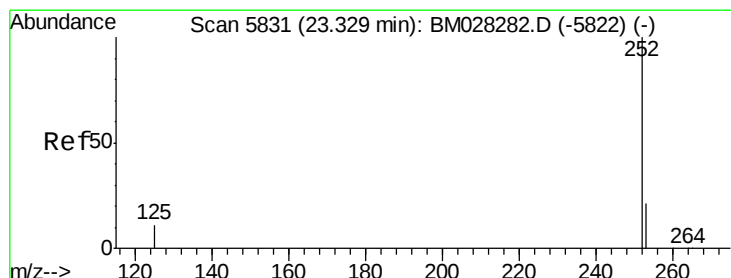
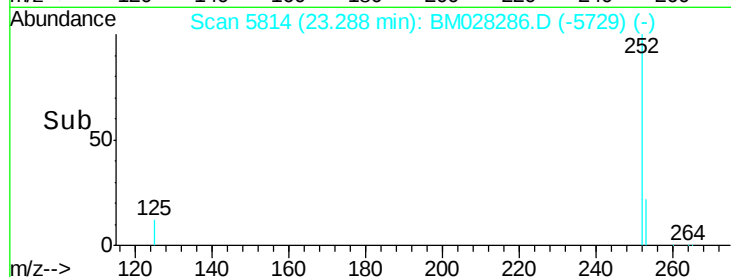
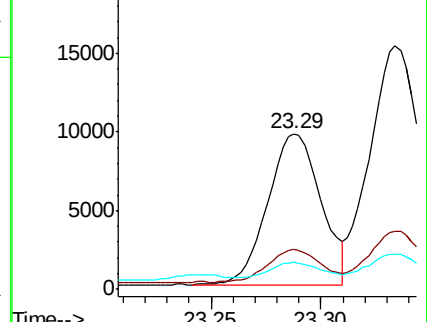
125 17.4 0.0 32.8



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



#25

Benzo(k)fluoranthene

Concen: 1.098 ng/ul

RT: 23.33 min Scan# 5833

Delta R.T. 0.00 min

Lab File: BM028286.D

Acq: 30 Dec 2020 15:13

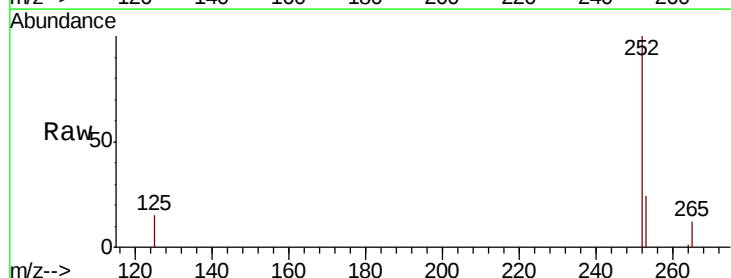
Tgt Ion:252 Resp: 25020

Ion Ratio Lower Upper

252 100

253 24.0 21.1 31.7

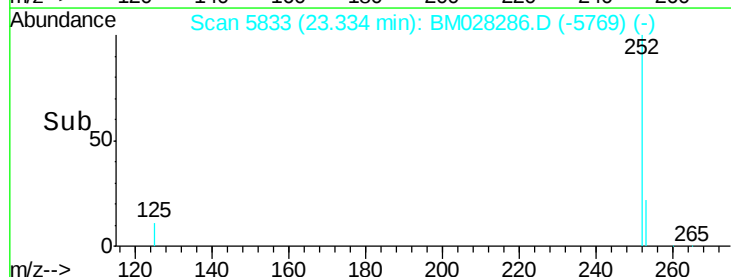
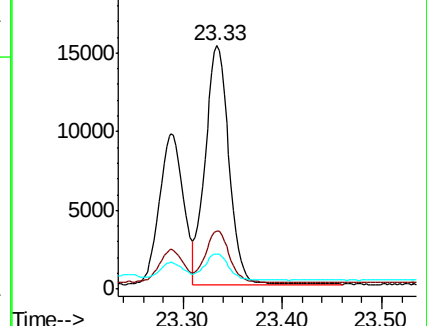
125 14.5 13.4 20.2

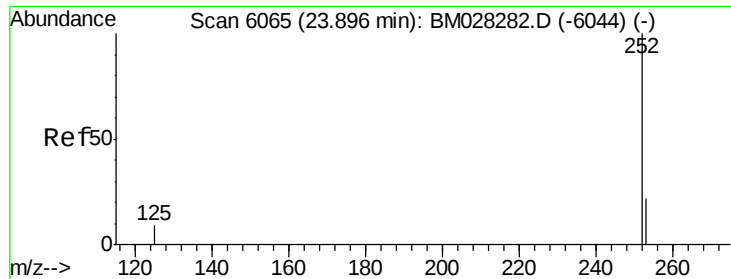


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 0.456 ng/ul

RT: 23.90 min Scan# 6066

Delta R.T. 0.00 min

Lab File: BM028286.D

Acq: 30 Dec 2020 15:13

Instrument :

BNA_M

ClientSampleId :

X2W00

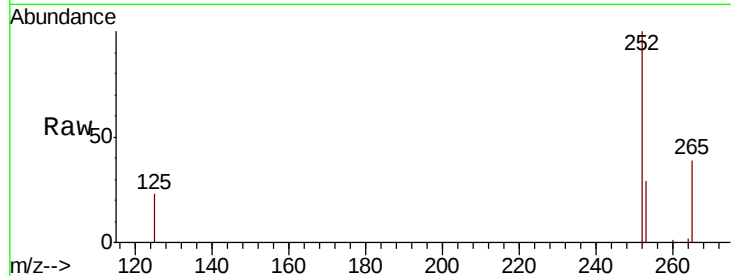
Tot Ion:252 Resp: 8927

Ion Ratio Lower Upper

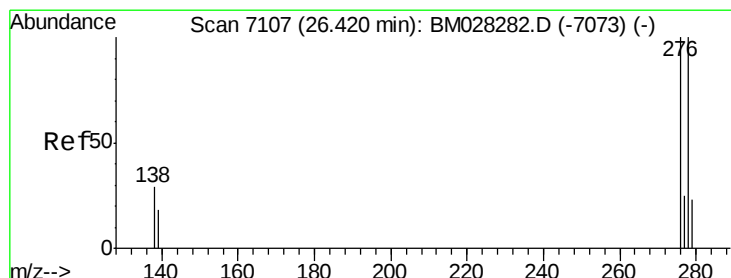
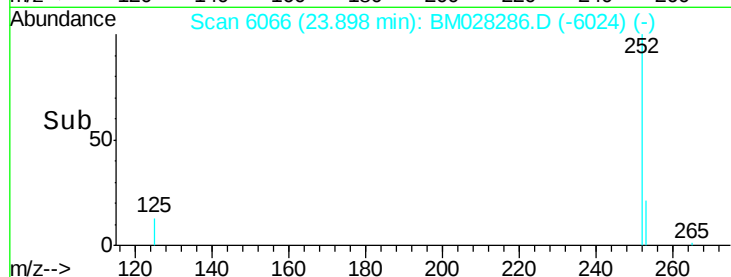
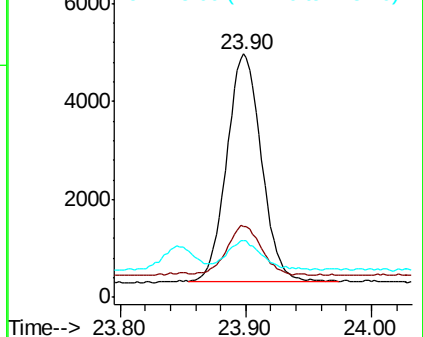
252 100

253 29.3 22.3 33.5

125 23.1 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: 0.795 ng/ul

RT: 26.43 min Scan# 7109

Delta R.T. 0.00 min

Lab File: BM028286.D

Acq: 30 Dec 2020 15:13

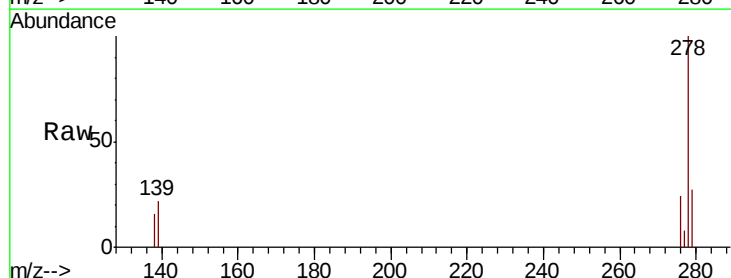
Tgt Ion:278 Resp: 15833

Ion Ratio Lower Upper

278 100

139 21.6 15.2 22.8

279 26.9 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

