

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035582.D
 Acq On : 21 Jun 2022 21:37
 Operator : CG/JU
 Sample : N3226-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4N6

Quant Time: Jun 22 01:33:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

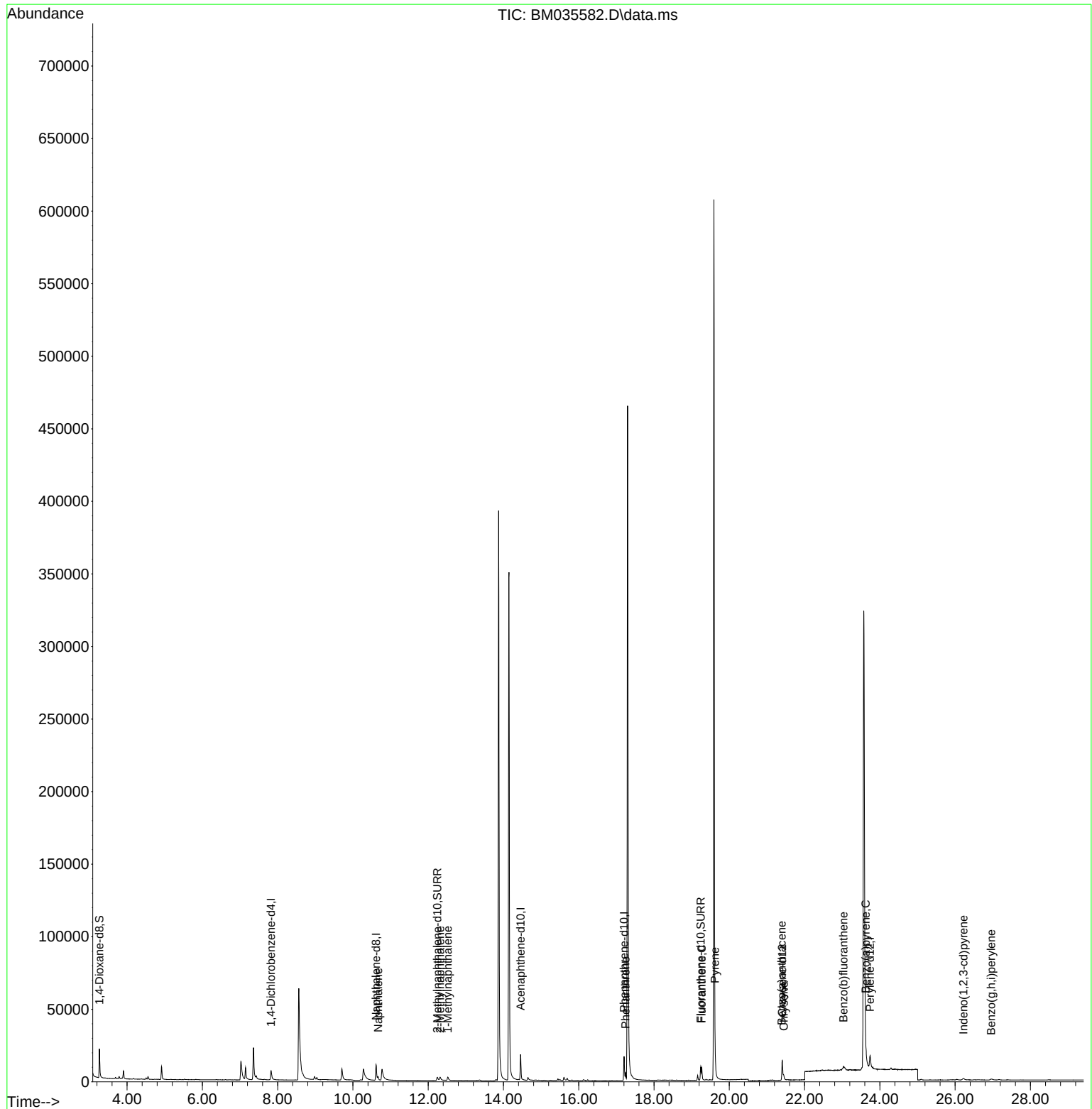
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4884	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.617	136	16855	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.455	164	10223	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.204	188	20497	0.400	ng/ul	-0.03
17) Chrysene-d12	21.407	240	14272	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	15255	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	12925	1.881	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	5036	0.201	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	10645	0.222	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.666	128	3612	0.063	ng/ul#	92
7) 2-Methylnaphthalene	12.316	142	2838	0.087	ng/ul	98
8) 1-Methylnaphthalene	12.520	142	2305	0.077	ng/ul	98
15) Phenanthrene	17.246	178	6073	0.081	ng/ul	99
19) Fluoranthene	19.266	202	7813	0.107	ng/ul#	93
20) Pyrene	19.620	202	7920	0.104	ng/ul#	84
21) Benzo(a)anthracene	21.395	228	2968	0.055	ng/ul#	85
22) Chrysene	21.445	228	3485	0.054	ng/ul#	88
24) Benzo(b)fluoranthene	23.035	252	4494	0.067	ng/ul#	37
26) Benzo(a)pyrene	23.622	252	3018	0.044	ng/ul#	12
27) Indeno(1,2,3-cd)pyrene	26.219	276	2221	0.028	ng/ul#	96
29) Benzo(g,h,i)perylene	26.957	276	1820	0.025	ng/ul#	47

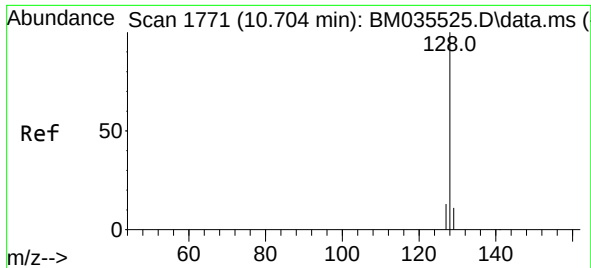
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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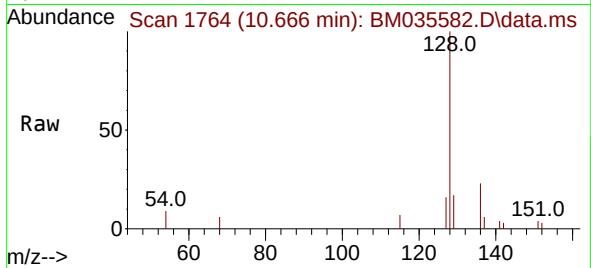
Quant Time: Jun 22 01:33:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
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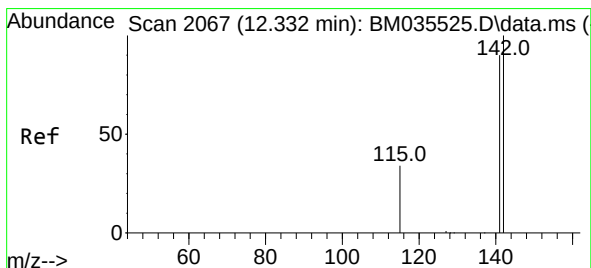
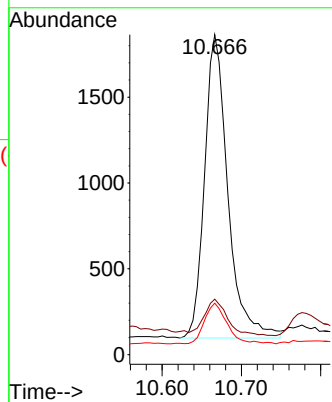
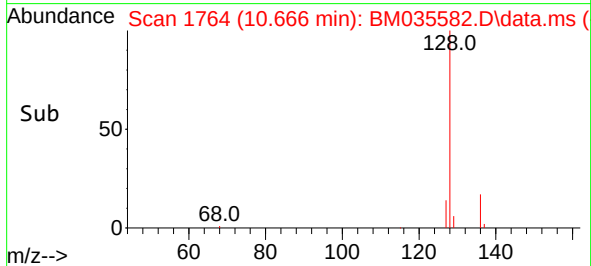


#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.666 min Scan# 1764
Delta R.T. -0.027 min
Lab File: BM035582.D
Acq: 21 Jun 2022 21:37

Instrument :
BNA_M
ClientSampleId :
EW4N6

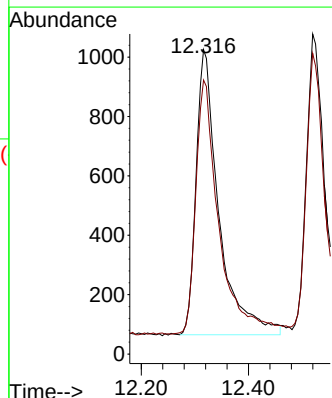
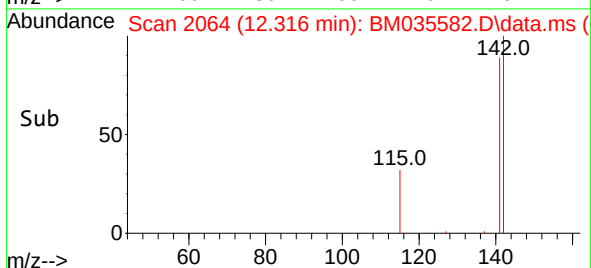
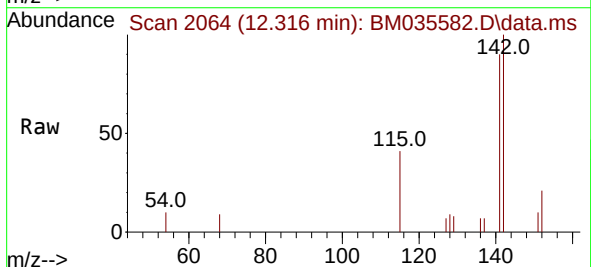


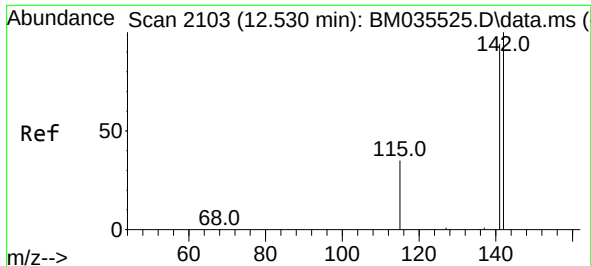
Tgt Ion:128 Resp: 3612
Ion Ratio Lower Upper
128 100
129 17.3 10.1 15.1#
127 16.1 11.4 17.2



#7
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BM035582.D
Acq: 21 Jun 2022 21:37

Tgt Ion:142 Resp: 2838
Ion Ratio Lower Upper
142 100
141 90.8 73.8 110.8

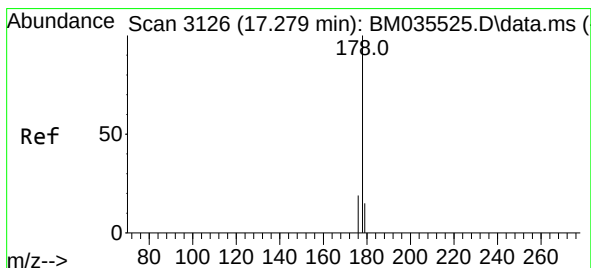
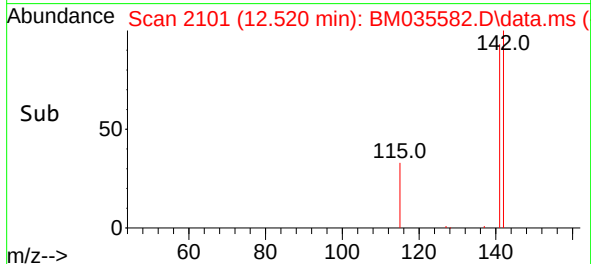
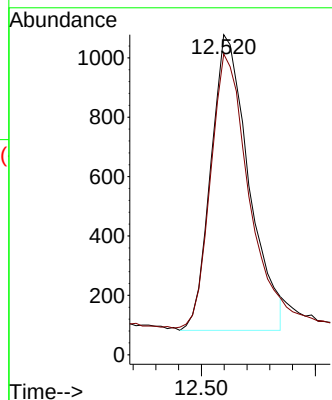
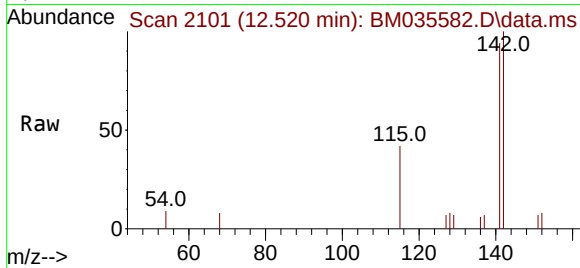




#8
1-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BM035582.D
Acq: 21 Jun 2022 21:37

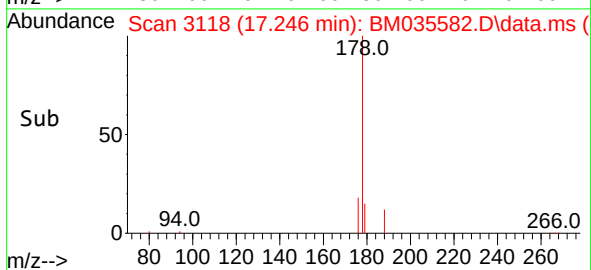
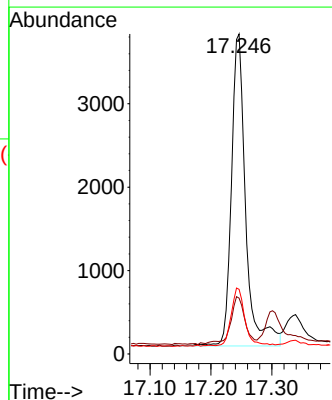
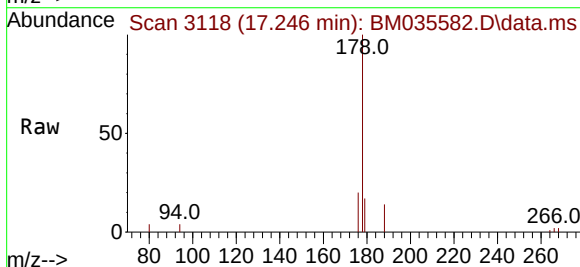
Instrument :
BNA_M
ClientSampleId :
EW4N6

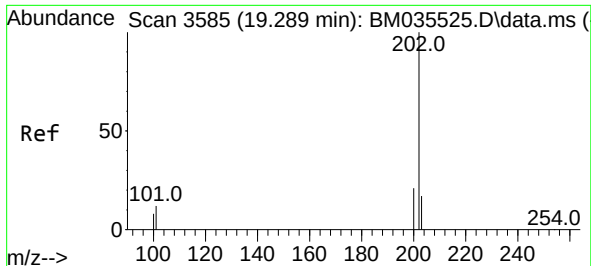
Tgt Ion:142 Resp: 2305
Ion Ratio Lower Upper
142 100
141 91.8 74.6 111.8



#15
Phenanthrene
Concen: 0.081 ng/ul
RT: 17.246 min Scan# 3118
Delta R.T. -0.026 min
Lab File: BM035582.D
Acq: 21 Jun 2022 21:37

Tgt Ion:178 Resp: 6073
Ion Ratio Lower Upper
178 100
179 17.5 13.2 19.8
176 20.2 16.2 24.4

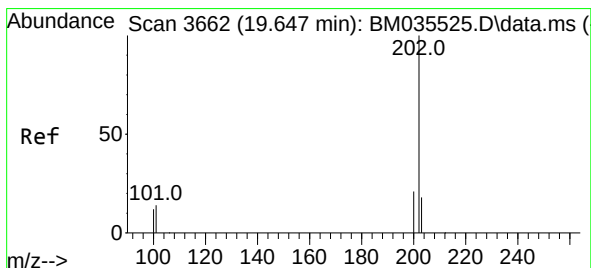
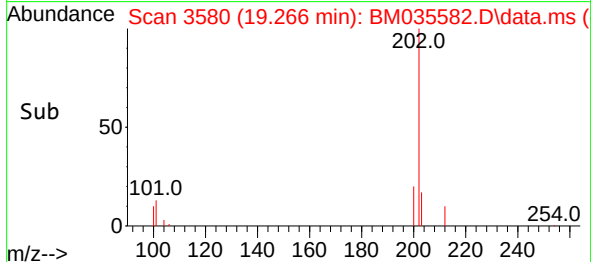
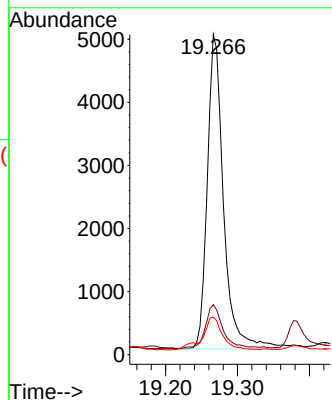
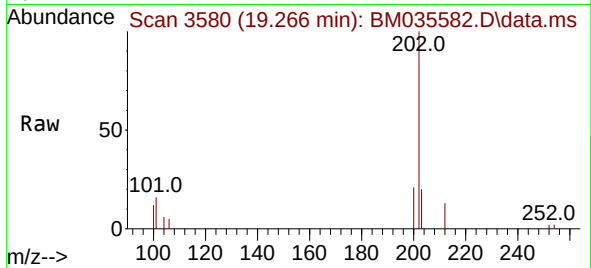




#19
Fluoranthene
Concen: 0.107 ng/ul
RT: 19.266 min Scan# 3580
Delta R.T. -0.019 min
Lab File: BM035582.D
Acq: 21 Jun 2022 21:37

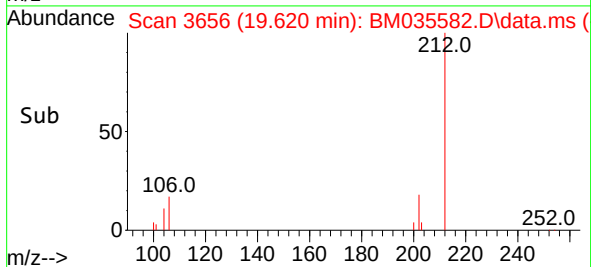
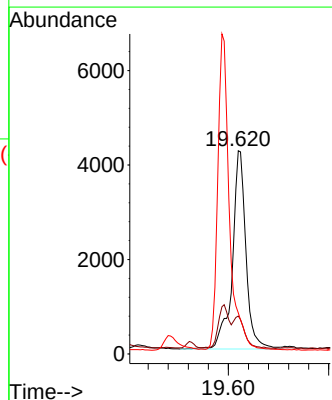
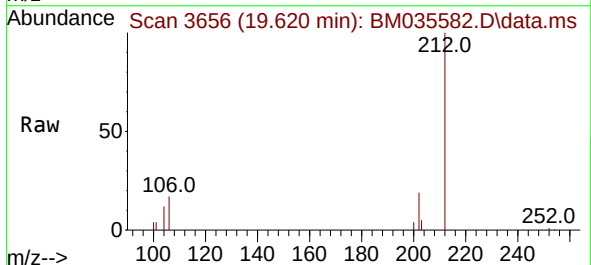
Instrument :
BNA_M
ClientSampleId :
EW4N6

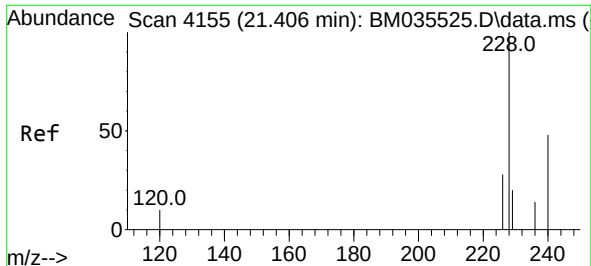
Tgt Ion:202 Resp: 7813
Ion Ratio Lower Upper
202 100
101 15.7 10.0 15.0#
100 11.8 7.5 11.3#



#20
Pyrene
Concen: 0.104 ng/ul
RT: 19.620 min Scan# 3656
Delta R.T. -0.028 min
Lab File: BM035582.D
Acq: 21 Jun 2022 21:37

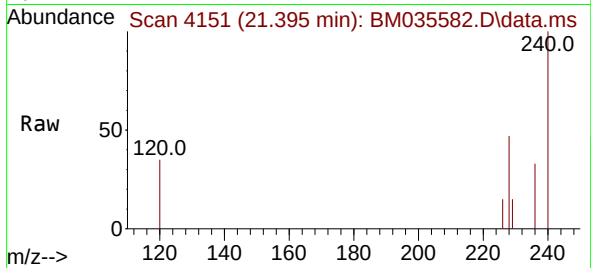
Tgt Ion:202 Resp: 7920
Ion Ratio Lower Upper
202 100
101 18.7 11.6 17.4#
100 20.2 9.3 13.9#



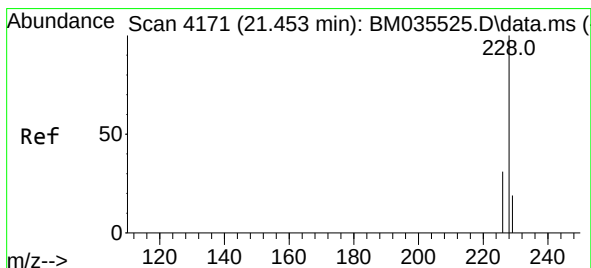
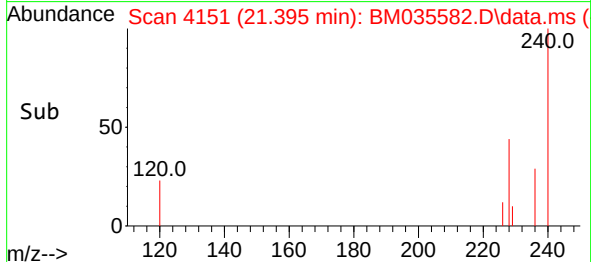
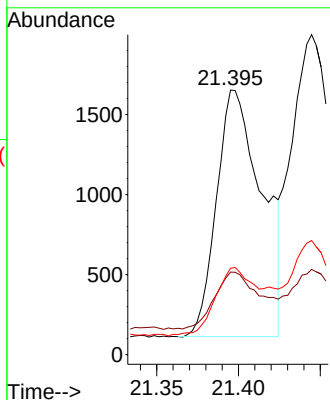


#21
Benzo(a)anthracene
Concen: 0.055 ng/u1
RT: 21.395 min Scan# 4155
Delta R.T. -0.005 min
Lab File: BM035582.D
Acq: 21 Jun 2022 21:37

Instrument :
BNA_M
ClientSampleId :
EW4N6

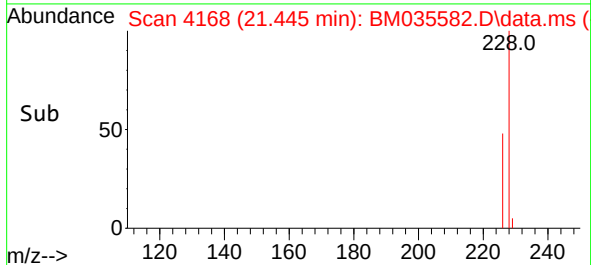
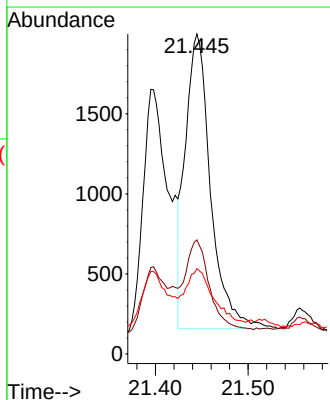
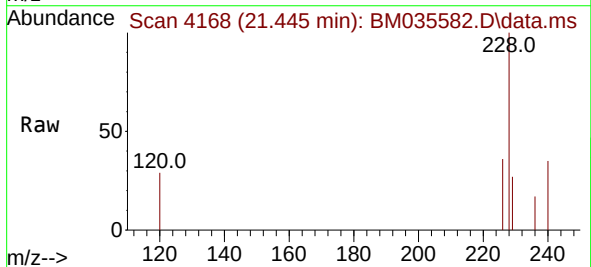


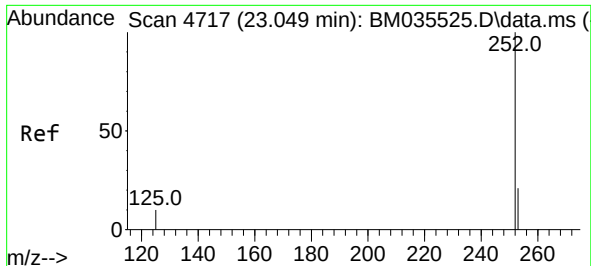
Tgt Ion:228 Resp: 2968
Ion Ratio Lower Upper
228 100
229 31.2 16.2 24.2#
226 32.7 22.3 33.5



#22
Chrysene
Concen: 0.054 ng/u1
RT: 21.445 min Scan# 4168
Delta R.T. -0.005 min
Lab File: BM035582.D
Acq: 21 Jun 2022 21:37

Tgt Ion:228 Resp: 3485
Ion Ratio Lower Upper
228 100
226 35.7 24.5 36.7
229 26.7 15.8 23.8#

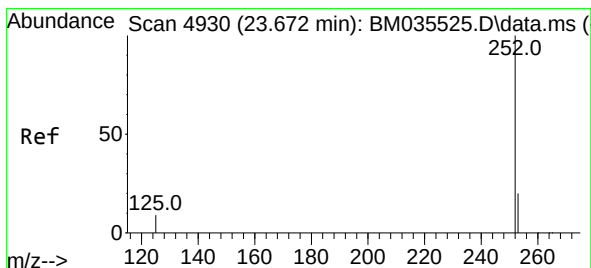
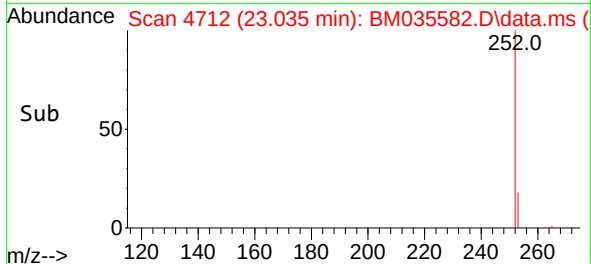
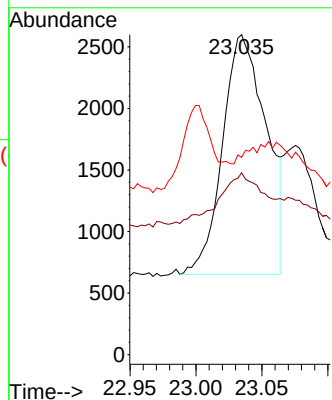
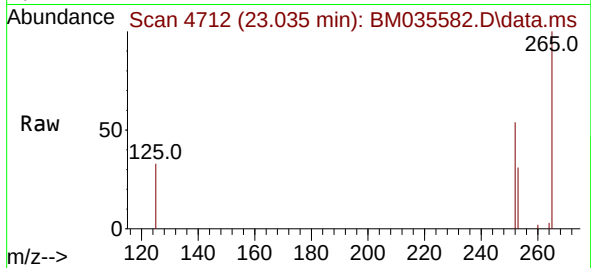




#24
Benzo(b)fluoranthene
Concen: 0.067 ng/u1
RT: 23.035 min Scan# 41
Delta R.T. -0.016 min
Lab File: BM035582.D
Acq: 21 Jun 2022 21:37

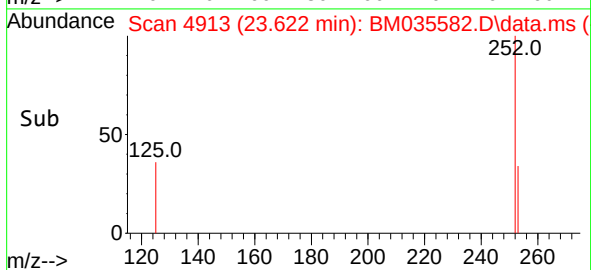
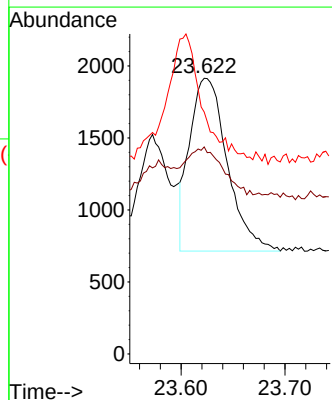
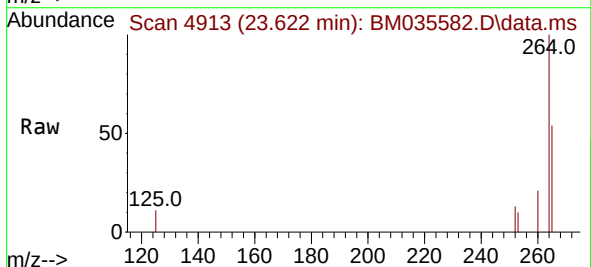
Instrument :
BNA_M
ClientSampleId :
EW4N6

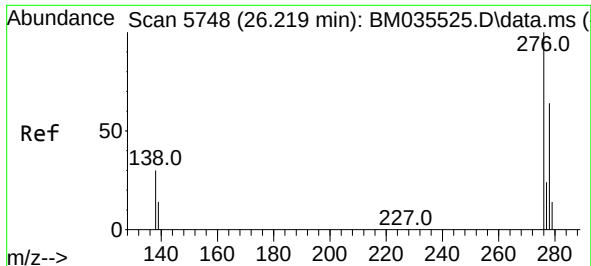
Tgt Ion:252 Resp: 4494
Ion Ratio Lower Upper
252 100
253 56.9 0.0 60.6
125 61.6 0.0 44.8#



#26
Benzo(a)pyrene
Concen: 0.044 ng/u1
RT: 23.622 min Scan# 4913
Delta R.T. -0.046 min
Lab File: BM035582.D
Acq: 21 Jun 2022 21:37

Tgt Ion:252 Resp: 3018
Ion Ratio Lower Upper
252 100
253 75.1 27.8 41.6#
125 87.8 23.3 34.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.028 ng/ul

RT: 26.219 min Scan# 5

Delta R.T. 0.008 min

Lab File: BM035582.D

Acq: 21 Jun 2022 21:37

Instrument :

BNA_M

ClientSampleId :

EW4N6

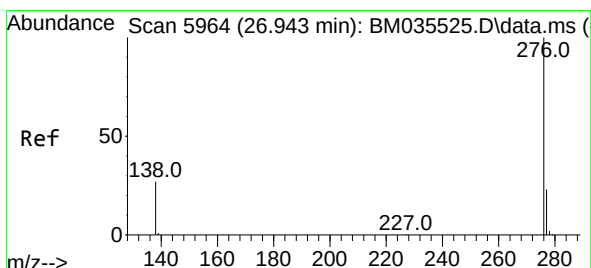
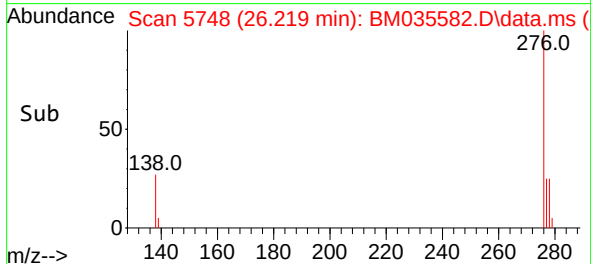
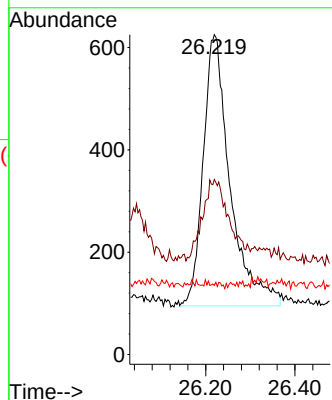
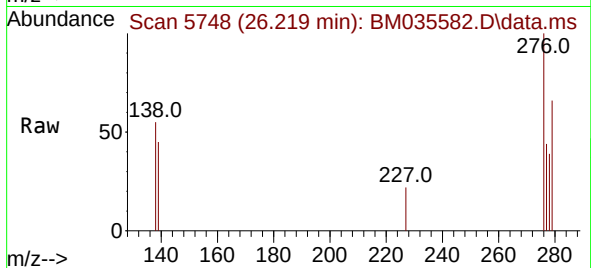
Tgt Ion:276 Resp: 2221

Ion Ratio Lower Upper

276 100

138 29.0 24.8 37.2

227 0.3 0.1 0.1#



#29

Benzo(g,h,i)perylene

Concen: 0.025 ng/ul

RT: 26.957 min Scan# 5968

Delta R.T. 0.011 min

Lab File: BM035582.D

Acq: 21 Jun 2022 21:37

Tgt Ion:276 Resp: 1820

Ion Ratio Lower Upper

276 100

138 60.2 23.1 34.7#

277 49.0 20.3 30.5#

