

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033572.D
 Acq On : 22 Dec 2021 12:03
 Operator : CG/JU
 Sample : SST03.227
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 22 12:36:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 12:12:20 2021
 Response via : Initial Calibration

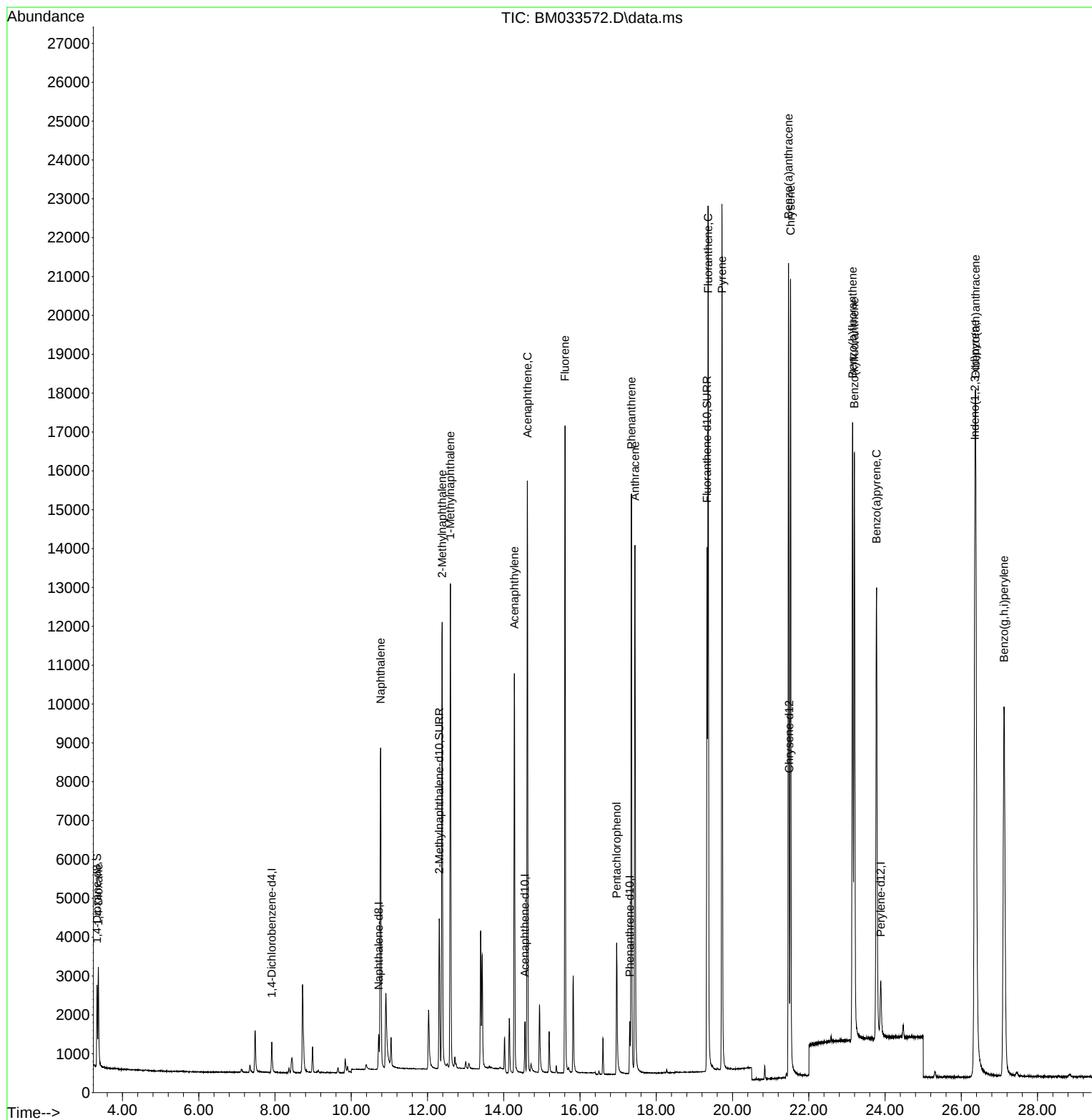
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	479	0.400	ng/ul	0.00
4) Naphthalene-d8	10.720	136	1206	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.557	164	720	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.306	188	1688	0.400	ng/ul	-0.01
17) Chrysene-d12	21.484	240	2255	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	2307	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1174	3.025	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	5110	3.354	ng/ul	-0.01
18) Fluoranthene-d10	19.330	212	15754	3.210	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	1480	2.917	ng/ul#	85
5) Naphthalene	10.769	128	12179	2.760	ng/ul#	89
7) 2-Methylnaphthalene	12.384	142	7948	3.160	ng/ul	99
8) 1-Methylnaphthalene	12.600	142	7837	3.017	ng/ul	100
10) Acenaphthylene	14.280	152	12145	3.014	ng/ul#	90
11) Acenaphthene	14.621	153	9165	2.898	ng/ul	97
12) Fluorene	15.607	166	10469	3.095	ng/ul#	98
14) Pentachlorophenol	16.962	266	2640	4.357	ng/ul	98
15) Phenanthrene	17.347	178	16710	3.031	ng/ul	96
16) Anthracene	17.441	178	16437	3.379	ng/ul#	92
19) Fluoranthene	19.360	202	20276	3.417	ng/ul	96
20) Pyrene	19.723	202	20830	3.184	ng/ul	99
21) Benzo(a)anthracene	21.467	228	18743	3.736	ng/ul	98
22) Chrysene	21.523	228	19579	3.126	ng/ul	97
24) Benzo(b)fluoranthene	23.148	252	21623	3.525	ng/ul	86
25) Benzo(k)fluoranthene	23.197	252	22442	3.187	ng/ul#	83
26) Benzo(a)pyrene	23.778	252	20341	3.442	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.356	276	27201	4.121	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.378	278	22481	4.113	ng/ul#	83
29) Benzo(g,h,i)perylene	27.122	276	23470	3.947	ng/ul	92

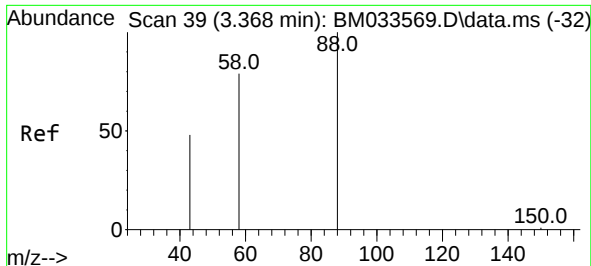
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033572.D
Acq On : 22 Dec 2021 12:03
Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 22 12:36:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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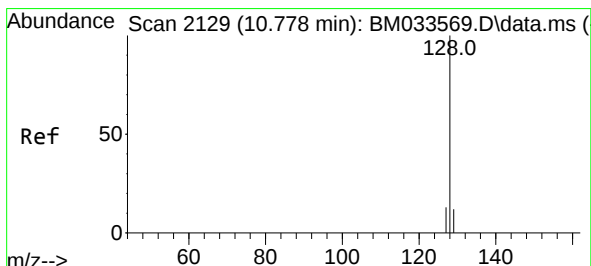
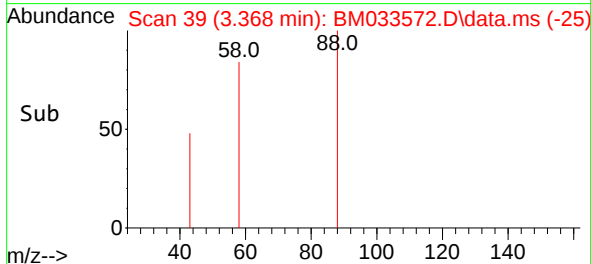
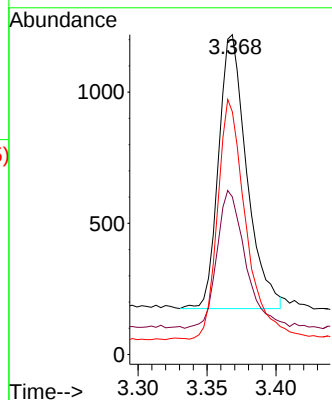
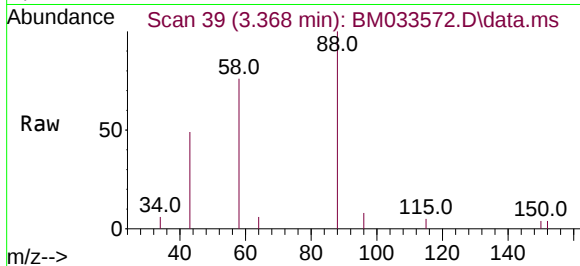




#2
1,4-Dioxane
Concen: 2.917 ng/ul
RT: 3.368 min Scan# 39
Delta R.T. -0.000 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

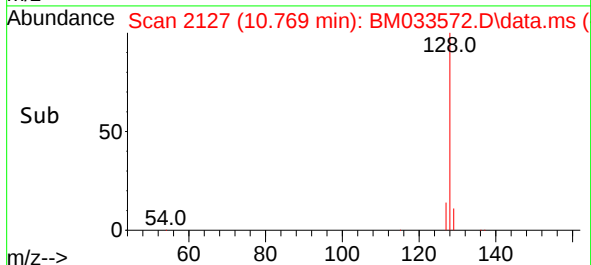
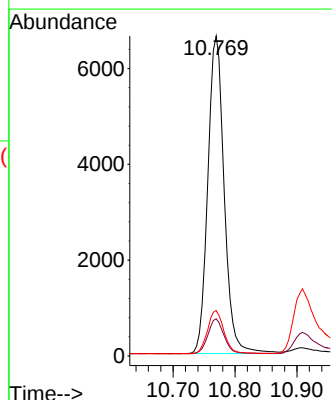
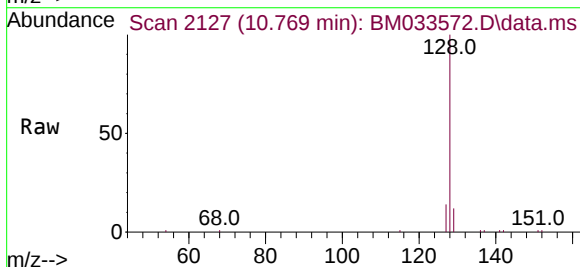
Instrument :
BNA_M
ClientSampleId :

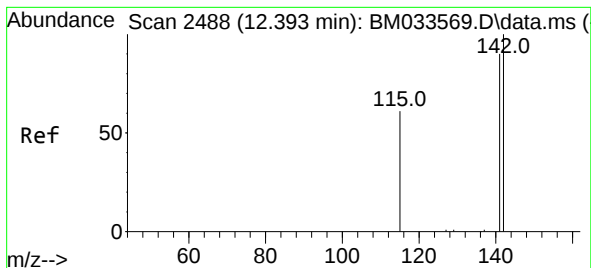
Tgt Ion: 88 Resp: 1480
Ion Ratio Lower Upper
88 100
43 49.3 49.7 74.5#
58 75.9 52.5 78.7



#5
Naphthalene
Concen: 2.760 ng/ul
RT: 10.769 min Scan# 2127
Delta R.T. -0.009 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

Tgt Ion: 128 Resp: 12179
Ion Ratio Lower Upper
128 100
129 11.6 13.4 20.2#
127 14.2 15.2 22.8#

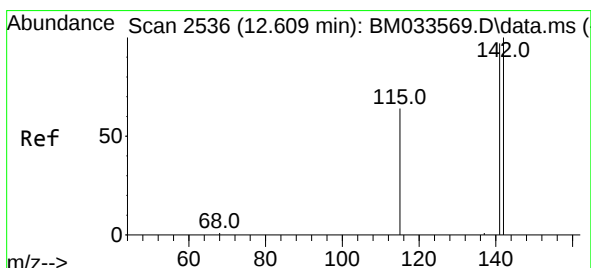
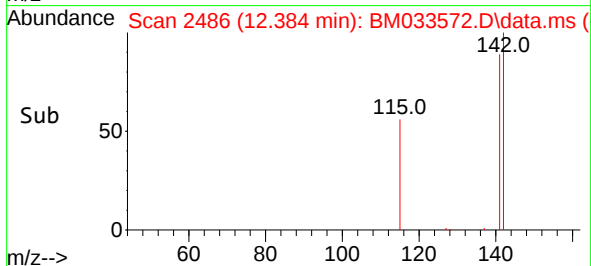
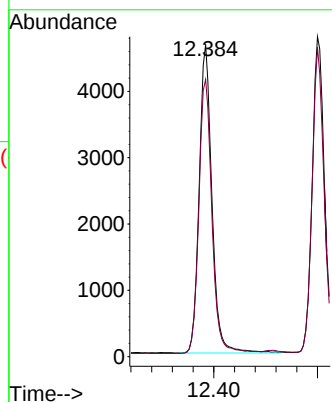
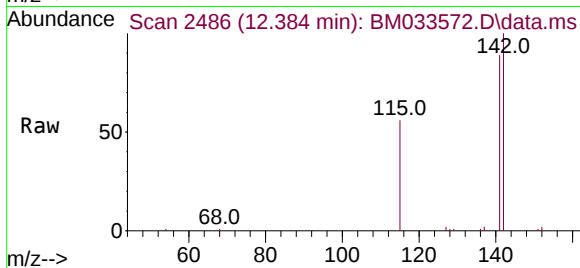




#7
2-Methylnaphthalene
Concen: 3.160 ng/ul
RT: 12.384 min Scan# 2486
Delta R.T. -0.009 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

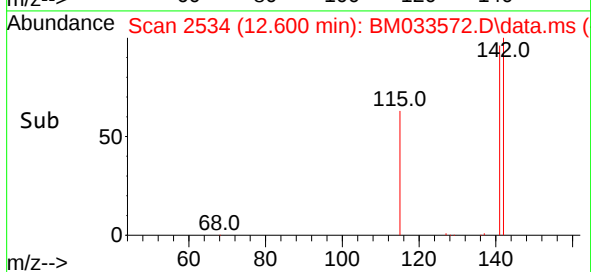
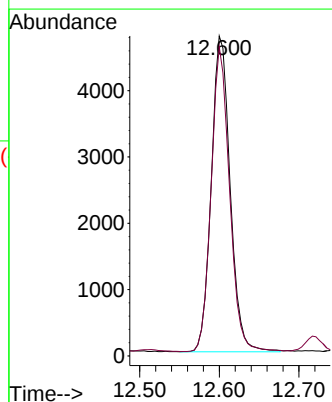
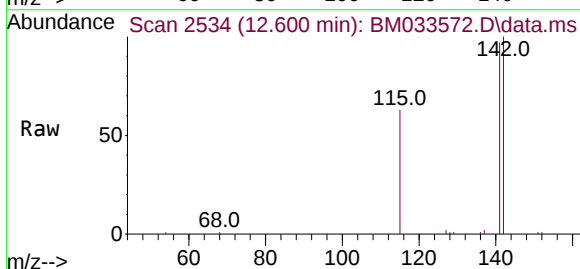
Instrument :
BNA_M
ClientSampleId :

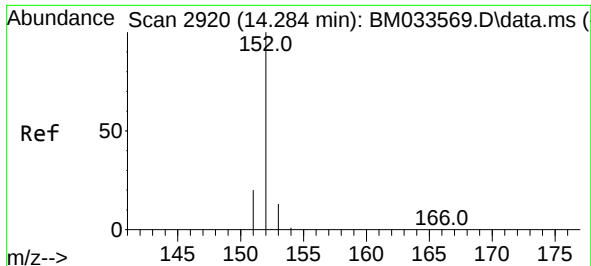
Tgt Ion:142 Resp: 7948
Ion Ratio Lower Upper
142 100
141 91.1 71.8 107.6



#8
1-Methylnaphthalene
Concen: 3.017 ng/ul
RT: 12.600 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

Tgt Ion:142 Resp: 7837
Ion Ratio Lower Upper
142 100
141 94.0 75.0 112.4

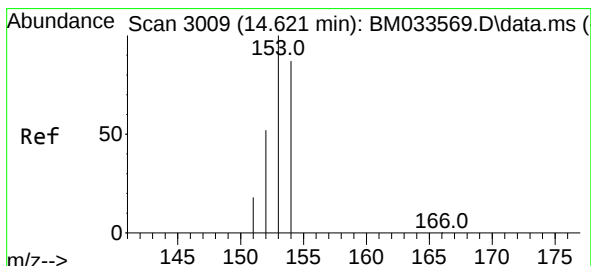
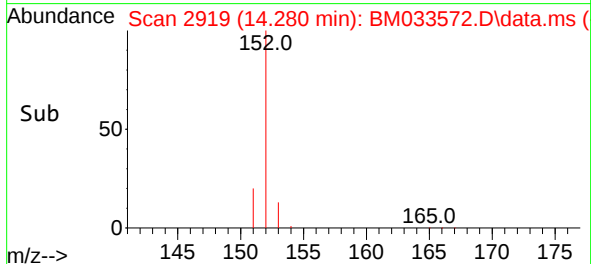
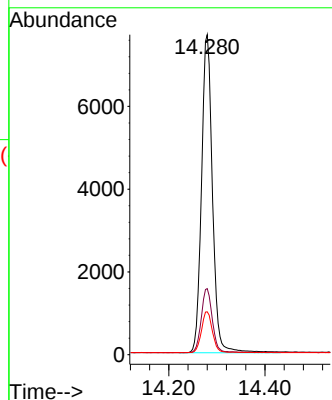
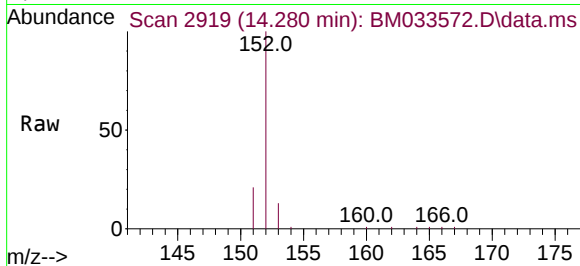




#10
Acenaphthylene
Concen: 3.014 ng/ul
RT: 14.280 min Scan# 2919
Delta R.T. -0.004 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

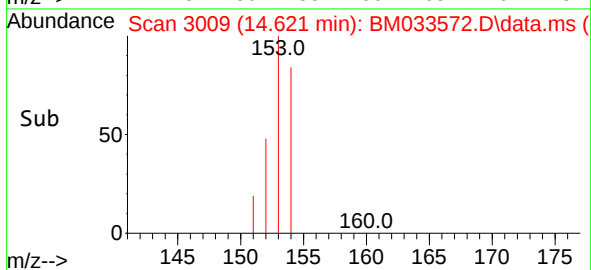
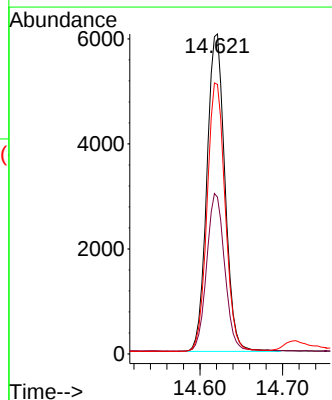
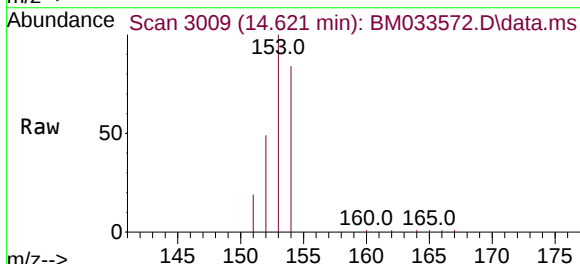
Instrument :
BNA_M
ClientSampleId :

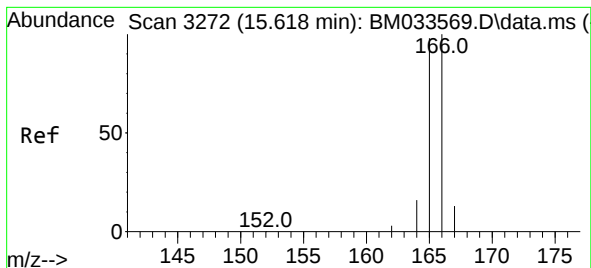
Tgt Ion:152	Resp:	12145
Ion Ratio	Lower	Upper
152	100	
151	20.7	19.9 29.9
153	13.4	15.0 22.4#



#11
Acenaphthene
Concen: 2.898 ng/ul
RT: 14.621 min Scan# 3009
Delta R.T. -0.000 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

Tgt Ion:153	Resp:	9165
Ion Ratio	Lower	Upper
153	100	
152	49.0	42.4 63.6
154	84.2	66.2 99.2





#12

Fluorene

Concen: 3.095 ng/ul

RT: 15.607 min Scan# 31

Delta R.T. -0.011 min

Lab File: BM033572.D

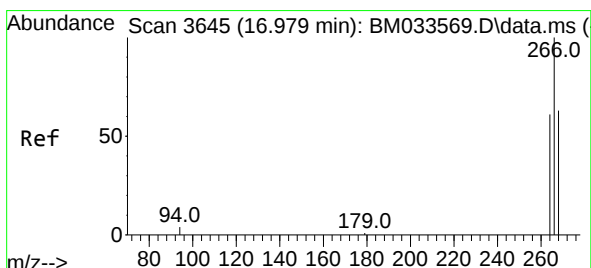
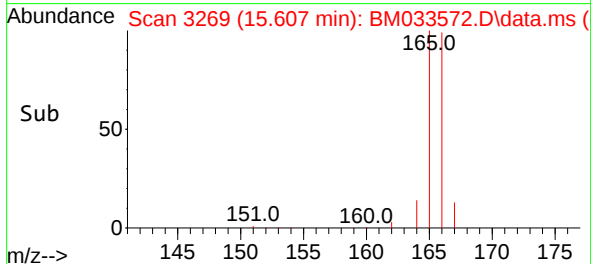
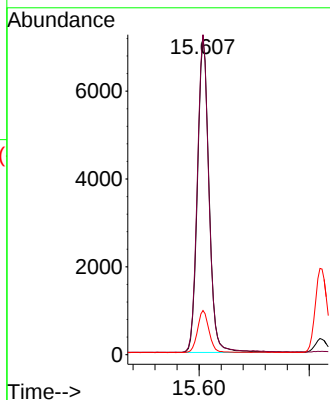
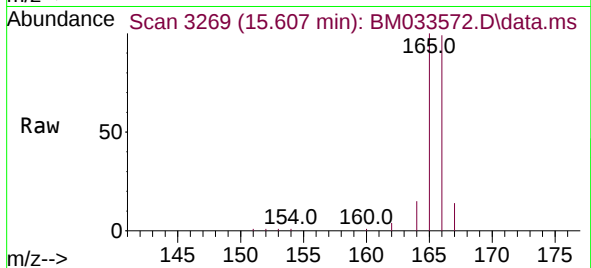
Acq: 22 Dec 2021 12:03

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:166	Resp:	10469
Ion Ratio	Lower	Upper
166	100	
165	101.1	81.1 121.7
167	14.0	14.9 22.3#



#14

Pentachlorophenol

Concen: 4.357 ng/ul

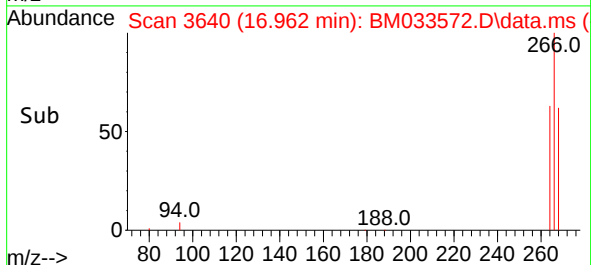
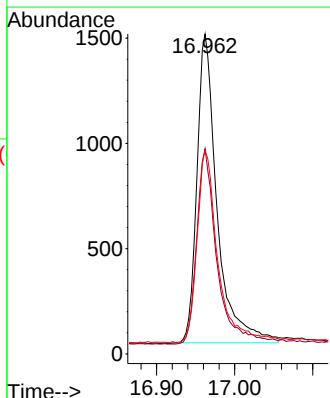
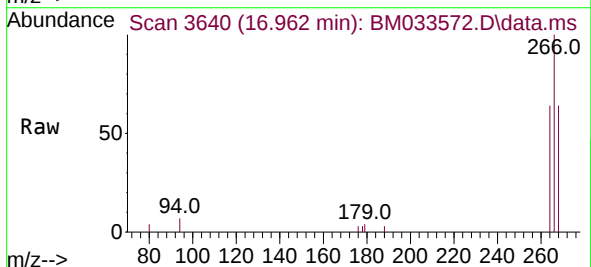
RT: 16.962 min Scan# 3640

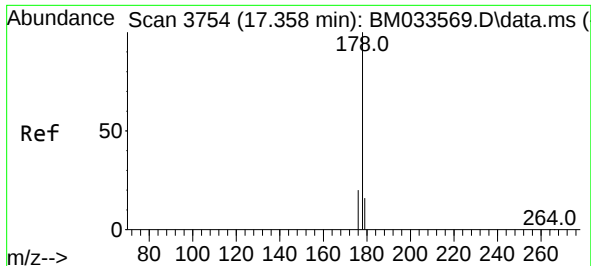
Delta R.T. -0.017 min

Lab File: BM033572.D

Acq: 22 Dec 2021 12:03

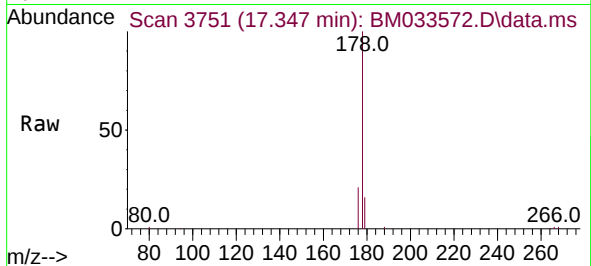
Tgt Ion:266	Resp:	2640
Ion Ratio	Lower	Upper
266	100	
264	63.0	51.4 77.0
268	63.9	53.1 79.7



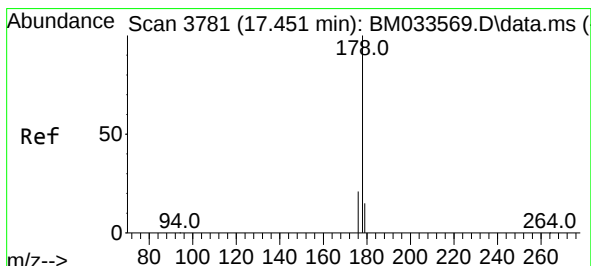
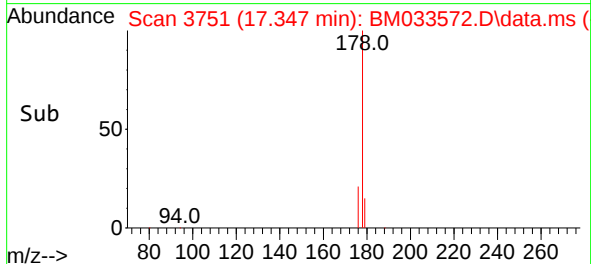
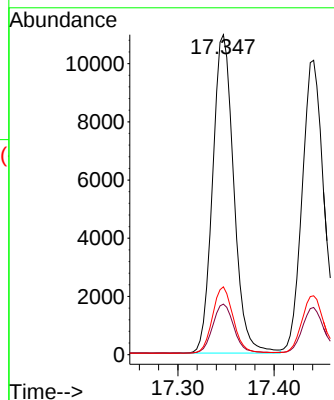


#15
Phenanthrene
Concen: 3.031 ng/ul
RT: 17.347 min Scan# 31
Delta R.T. -0.011 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

Instrument :
BNA_M
ClientSampleId :

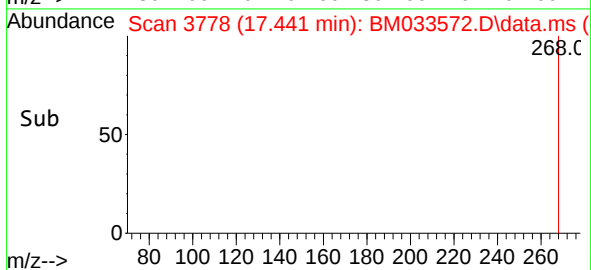
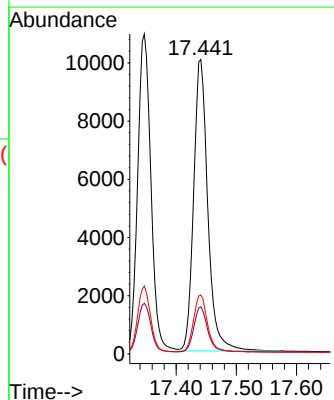
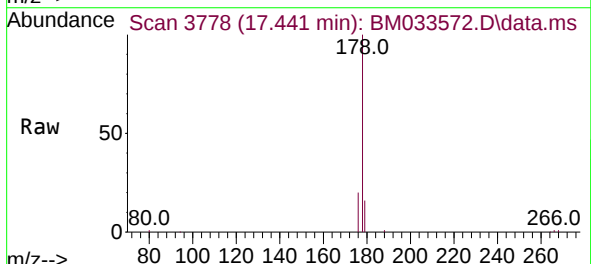


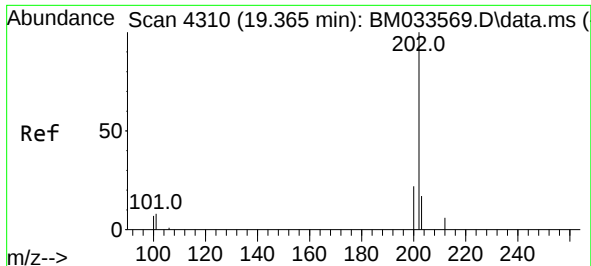
Tgt Ion:178 Resp: 16710
Ion Ratio Lower Upper
178 100
179 15.8 15.0 22.6
176 21.2 17.9 26.9



#16
Anthracene
Concen: 3.379 ng/ul
RT: 17.441 min Scan# 3778
Delta R.T. -0.011 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

Tgt Ion:178 Resp: 16437
Ion Ratio Lower Upper
178 100
179 16.0 16.5 24.7#
176 20.0 18.3 27.5

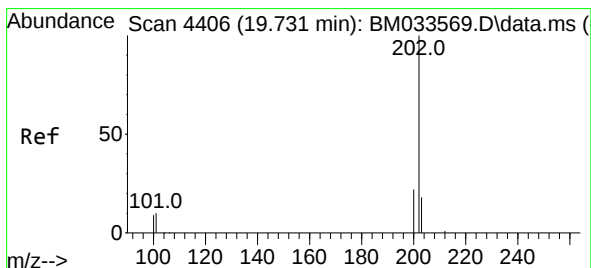
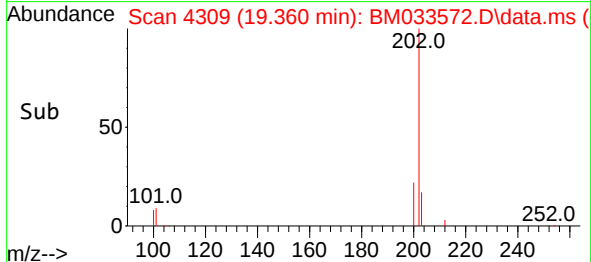
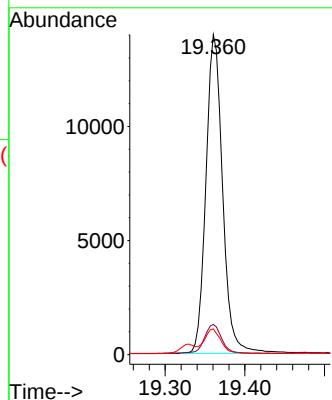
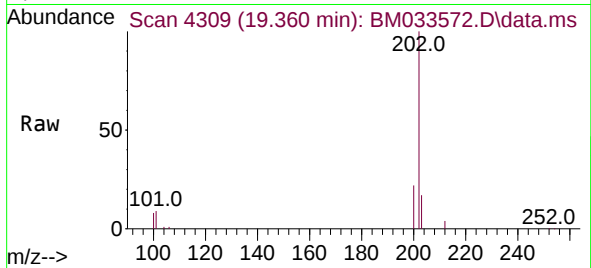




#19
Fluoranthene
Concen: 3.417 ng/ul
RT: 19.360 min Scan# 4310
Delta R.T. -0.004 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

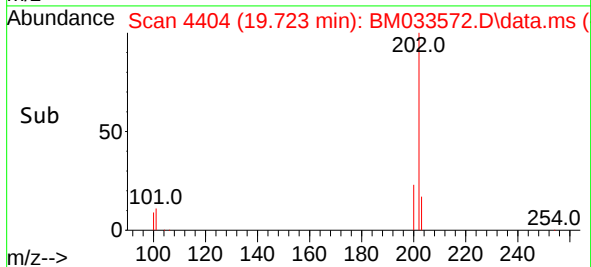
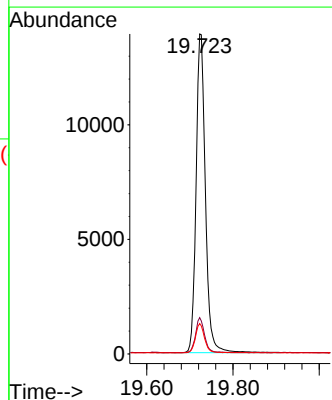
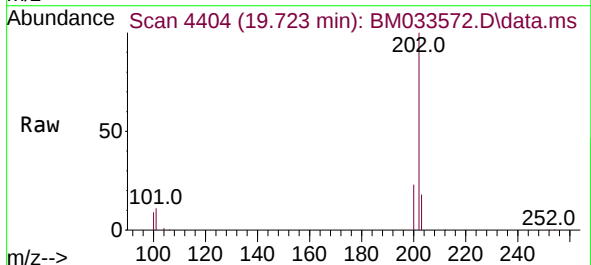
Instrument :
BNA_M
ClientSampleId :

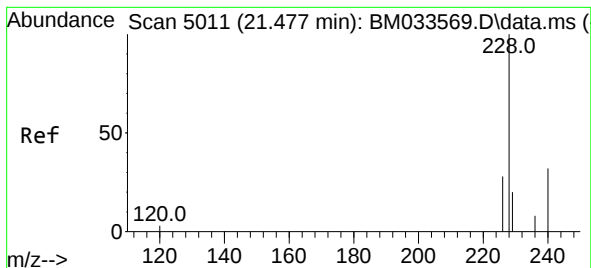
Tgt Ion:202 Resp: 20276
Ion Ratio Lower Upper
202 100
101 9.5 9.2 13.8
100 8.1 7.2 10.8



#20
Pyrene
Concen: 3.184 ng/ul
RT: 19.723 min Scan# 4404
Delta R.T. -0.008 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

Tgt Ion:202 Resp: 20830
Ion Ratio Lower Upper
202 100
101 11.3 9.3 13.9
100 9.5 7.8 11.6





#21

Benzo(a)anthracene

Concen: 3.736 ng/ul

RT: 21.467 min Scan# 5011

Delta R.T. -0.010 min

Lab File: BM033572.D

Acq: 22 Dec 2021 12:03

Instrument :

BNA_M

ClientSampleId :

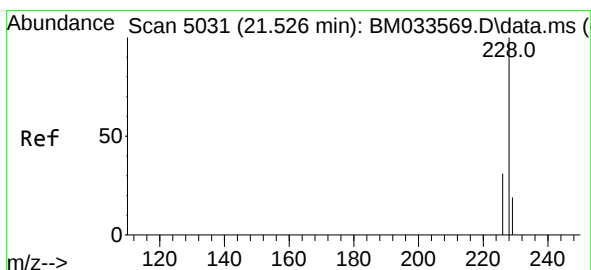
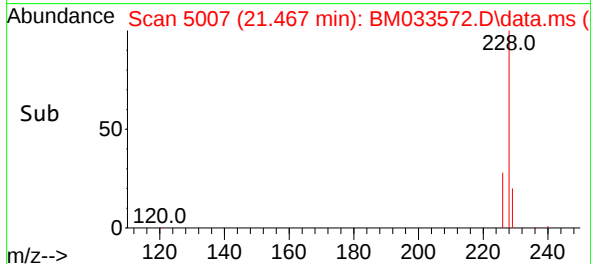
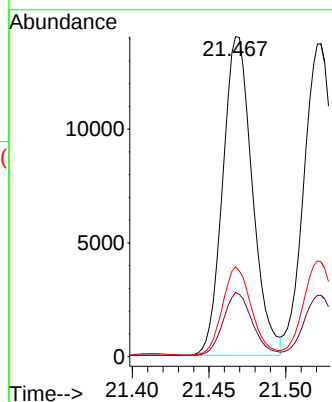
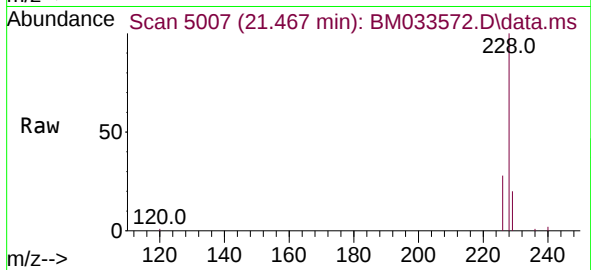
Tgt Ion:228 Resp: 18743

Ion Ratio Lower Upper

228 100

229 20.1 17.3 25.9

226 28.1 23.2 34.8



#22

Chrysene

Concen: 3.126 ng/ul

RT: 21.523 min Scan# 5030

Delta R.T. -0.003 min

Lab File: BM033572.D

Acq: 22 Dec 2021 12:03

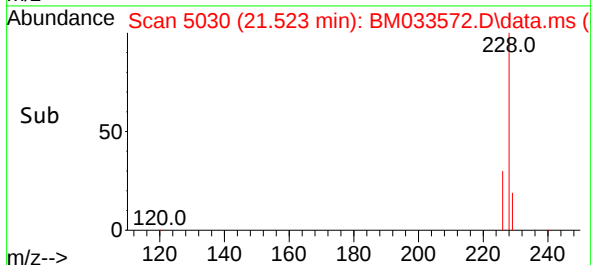
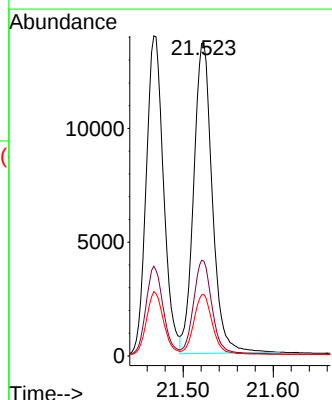
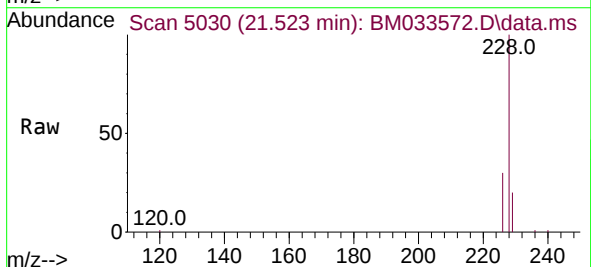
Tgt Ion:228 Resp: 19579

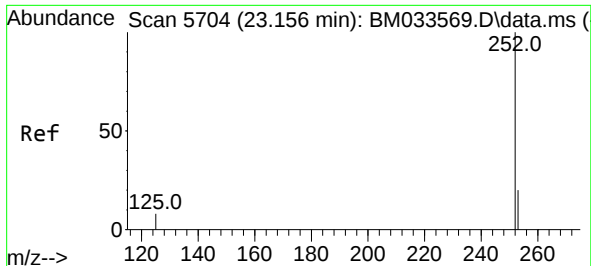
Ion Ratio Lower Upper

228 100

226 30.3 25.8 38.8

229 19.6 16.7 25.1

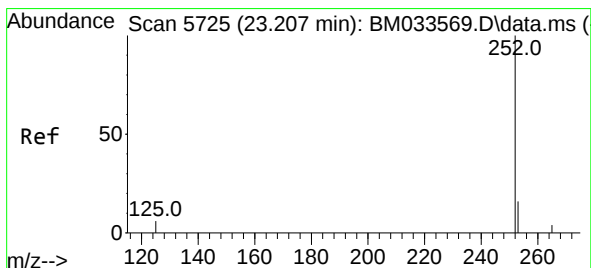
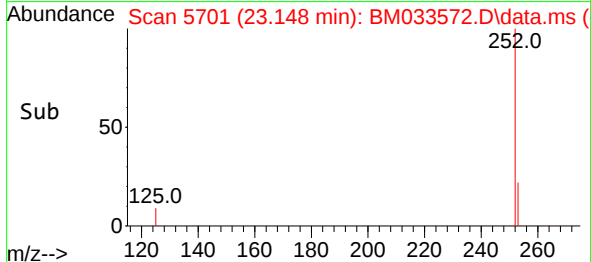
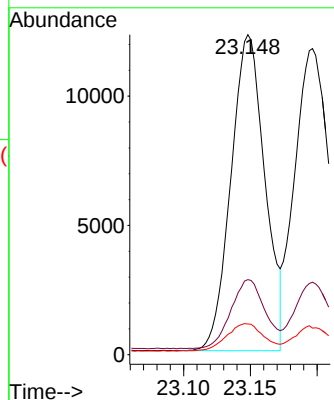
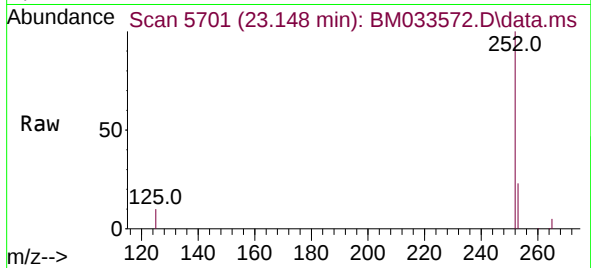




#24
Benzo(b)fluoranthene
Concen: 3.525 ng/ul
RT: 23.148 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

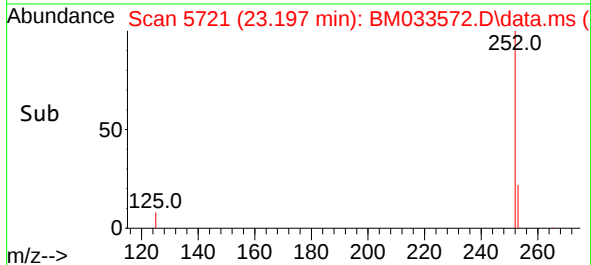
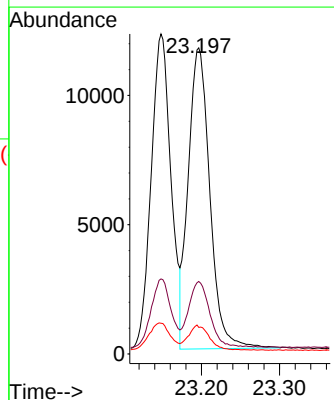
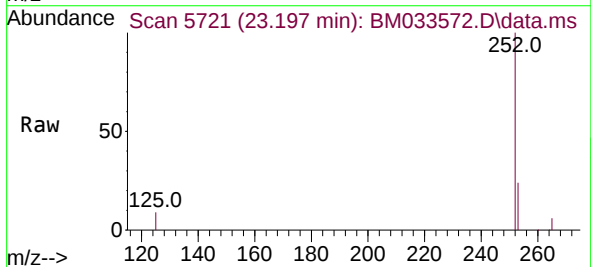
Instrument :
BNA_M
ClientSampleId :

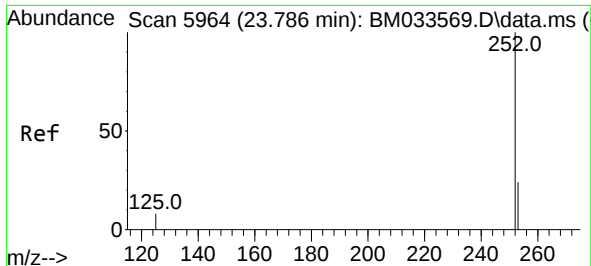
Tgt Ion:252 Resp: 21623
Ion Ratio Lower Upper
252 100
253 23.5 0.0 64.2
125 9.6 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 3.187 ng/ul
RT: 23.197 min Scan# 5721
Delta R.T. -0.010 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

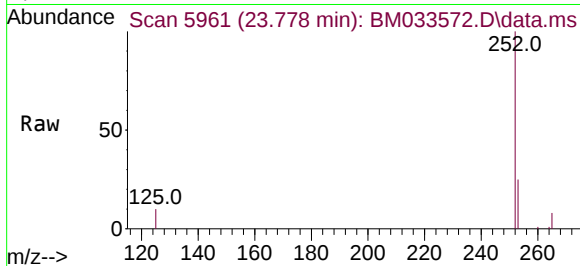
Tgt Ion:252 Resp: 22442
Ion Ratio Lower Upper
252 100
253 23.7 26.8 40.2#
125 8.7 12.0 18.0#



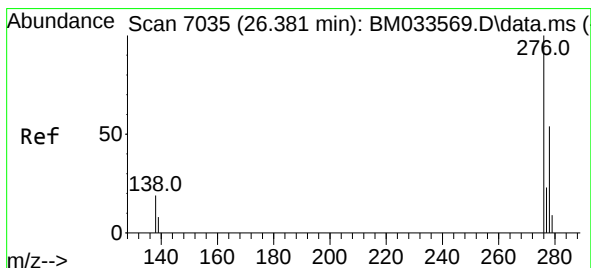
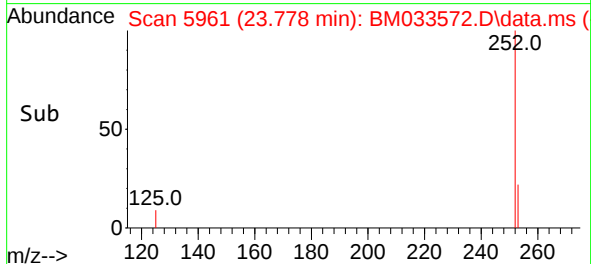
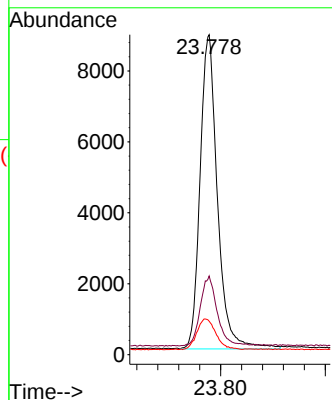


#26
Benzo(a)pyrene
Concen: 3.442 ng/ul
RT: 23.778 min Scan# 5964
Delta R.T. -0.008 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

Instrument :
BNA_M
ClientSampleId :

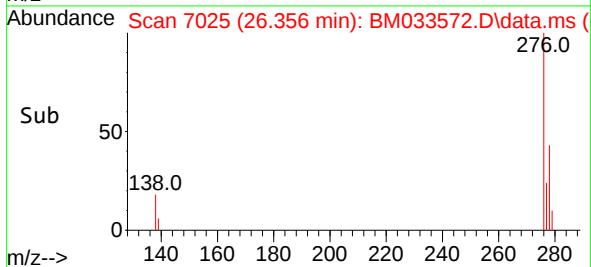
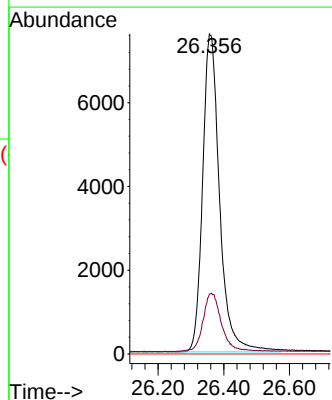
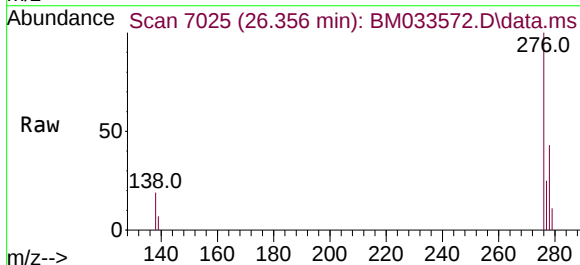


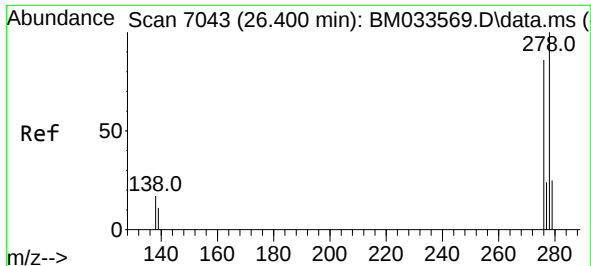
Tgt Ion:252 Resp: 20341
Ion Ratio Lower Upper
252 100
253 24.6 32.0 48.0#
125 10.4 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.121 ng/ul
RT: 26.356 min Scan# 7025
Delta R.T. -0.025 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

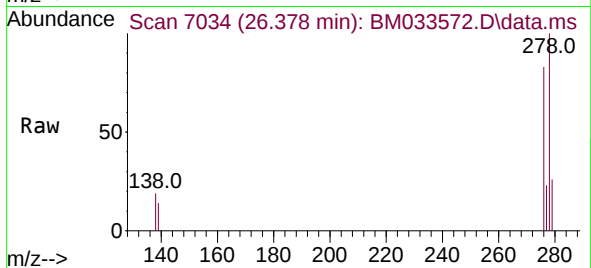
Tgt Ion:276 Resp: 27201
Ion Ratio Lower Upper
276 100
138 19.7 15.8 23.6
227 0.0 0.0 0.0



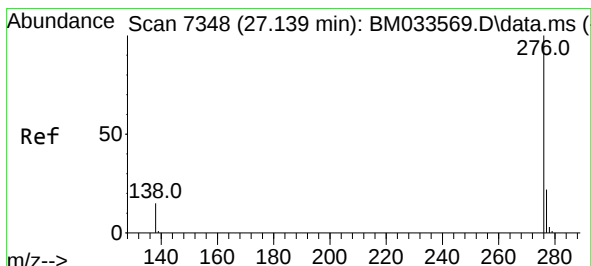
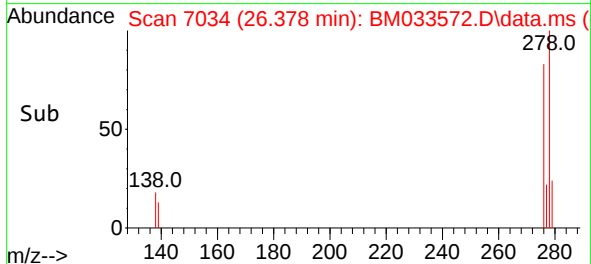
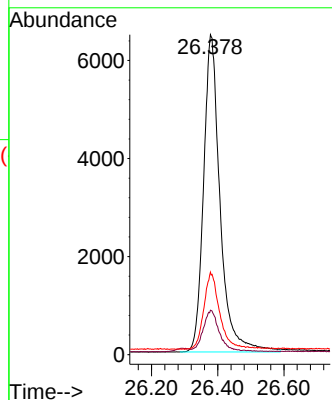


#28
Dibenzo(a,h)anthracene
Concen: 4.113 ng/ul
RT: 26.378 min Scan# 7043
Delta R.T. -0.022 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 22481
Ion Ratio Lower Upper
278 100
139 13.9 18.0 27.0#
279 25.8 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 3.947 ng/ul
RT: 27.122 min Scan# 7341
Delta R.T. -0.017 min
Lab File: BM033572.D
Acq: 22 Dec 2021 12:03

Tgt Ion:276 Resp: 23470
Ion Ratio Lower Upper
276 100
138 17.5 17.4 26.0
277 24.3 22.6 33.8

