

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032218.D
 Acq On : 27 Sep 2021 23:08
 Operator : CG/JU
 Sample : M3919-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB6Y2MSD

Quant Time: Sep 28 02:30:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 27 13:37:22 2021
 Response via : Initial Calibration

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

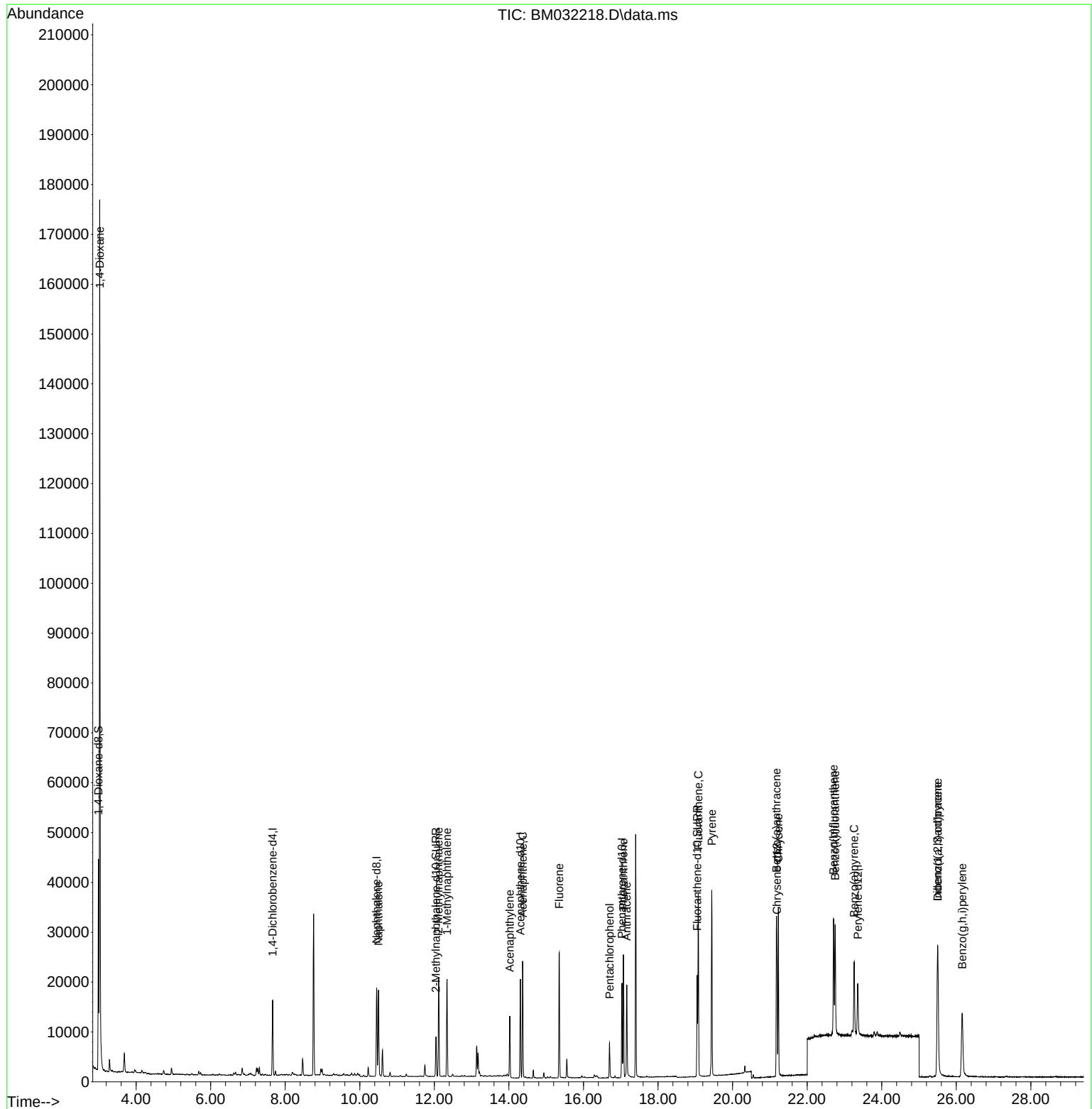
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	7145	0.400	ng/ul	0.00
4) Naphthalene-d8	10.452	136	22041	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.308	164	10179	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.033	188	20155	0.400	ng/ul	0.00
17) Chrysene-d12	21.193	240	16073	0.400	ng/ul	0.00
23) Perylene-d12	23.358	264	13287	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.989	96	23851	3.105	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.044	152	9572	0.326	ng/ul	0.00
18) Fluoranthene-d10	19.050	212	19629	0.450	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.024	88	106483	13.475	ng/ul	88
5) Naphthalene	10.501	128	21874	0.335	ng/ul	99
7) 2-Methylnaphthalene	12.116	142	13314	0.318	ng/ul	100
8) 1-Methylnaphthalene	12.341	142	12673	0.310	ng/ul	100
10) Acenaphthylene	14.024	152	13615	0.334	ng/ul	99
11) Acenaphthene	14.369	153	12774	0.340	ng/ul	99
12) Fluorene	15.351	166	14582	0.342	ng/ul	100
14) Pentachlorophenol	16.700	266	4465	0.876	ng/ul	100
15) Phenanthrene	17.071	178	24566	0.374	ng/ul	100
16) Anthracene	17.161	178	20097	0.372	ng/ul	99
19) Fluoranthene	19.080	202	28412	0.423	ng/ul	99
20) Pyrene	19.442	202	28679	0.426	ng/ul	99
21) Benzo(a)anthracene	21.176	228	23891	0.420	ng/ul	99
22) Chrysene	21.227	228	27139	0.408	ng/ul	99
24) Benzo(b)fluoranthene	22.709	252	27244	0.395	ng/ul	96
25) Benzo(k)fluoranthene	22.750	252	26896	0.404	ng/ul	96
26) Benzo(a)pyrene	23.261	252	21193	0.409	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.500	276	27193	0.410	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.503	278	22441	0.416	ng/ul	99
29) Benzo(g,h,i)perylene	26.159	276	25309	0.404	ng/ul	99

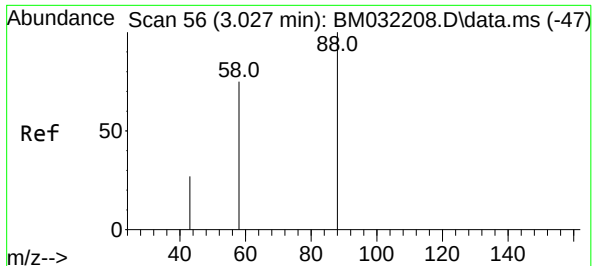
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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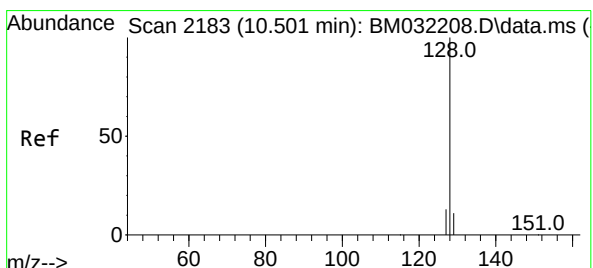
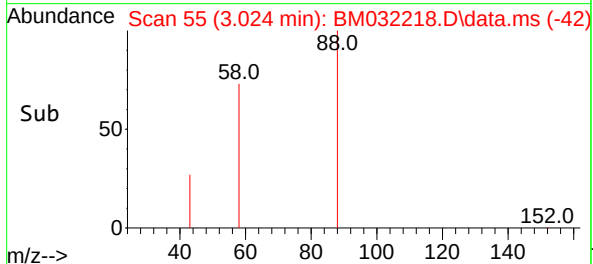
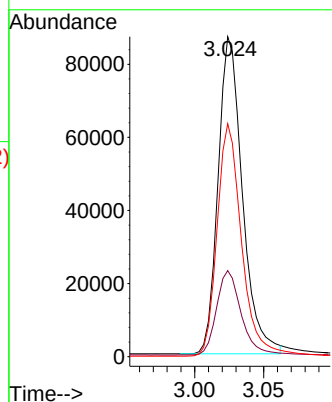
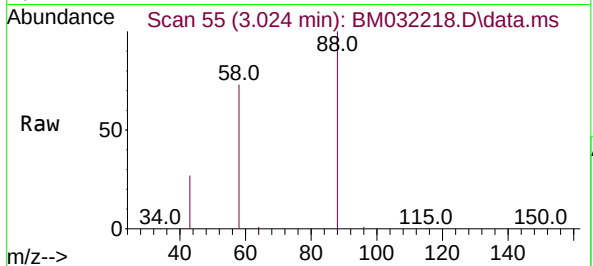




#2
1,4-Dioxane
Concen: 13.475 ng/ul
RT: 3.024 min Scan# 55
Delta R.T. -0.003 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

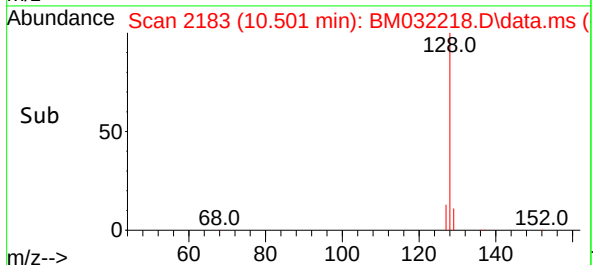
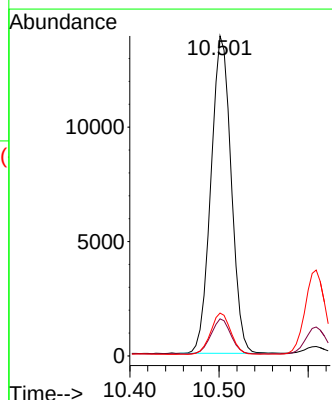
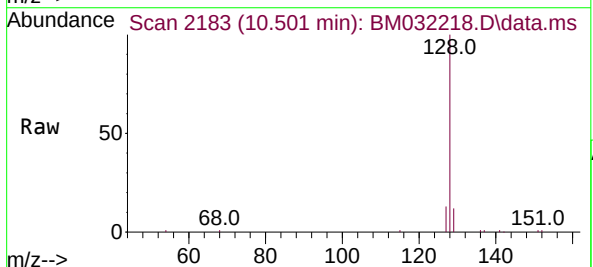
Instrument :
BNA_M
ClientSampleId :
GB6Y2MSD

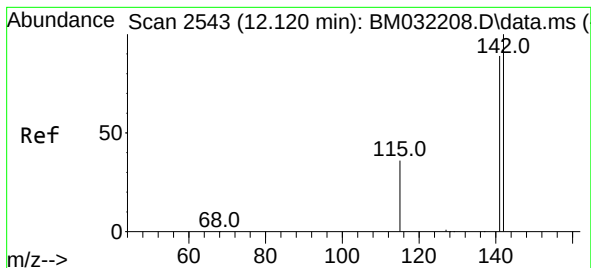
Tgt Ion: 88 Resp: 106483
Ion Ratio Lower Upper
88 100
43 26.9 26.1 39.1
58 72.8 50.2 75.2



#5
Naphthalene
Concen: 0.335 ng/ul
RT: 10.501 min Scan# 2183
Delta R.T. -0.004 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

Tgt Ion: 128 Resp: 21874
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.4 10.5 15.7

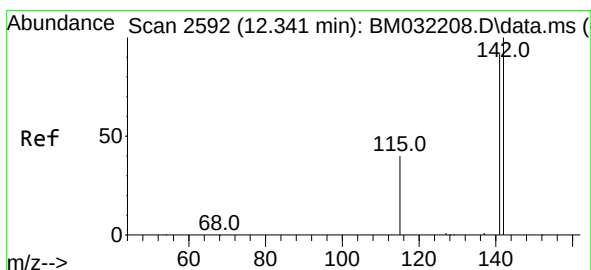
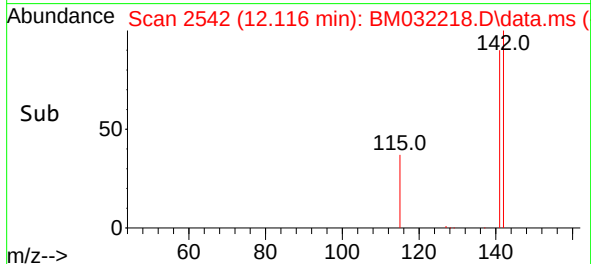
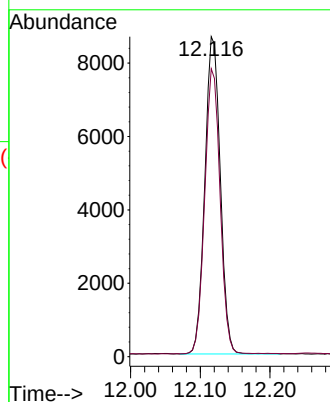
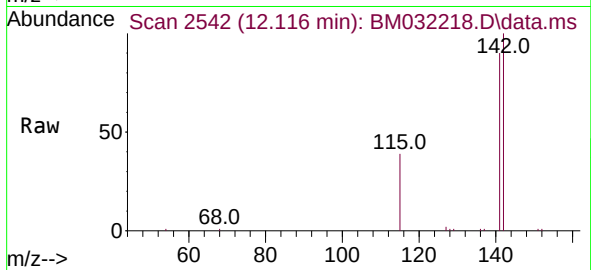




#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.116 min Scan# 2542
Delta R.T. -0.004 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

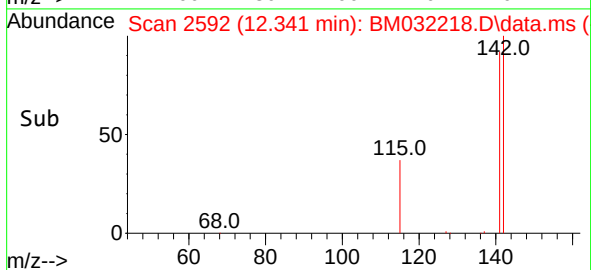
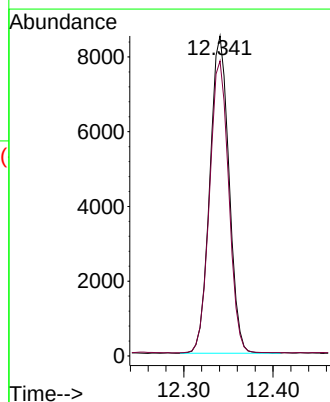
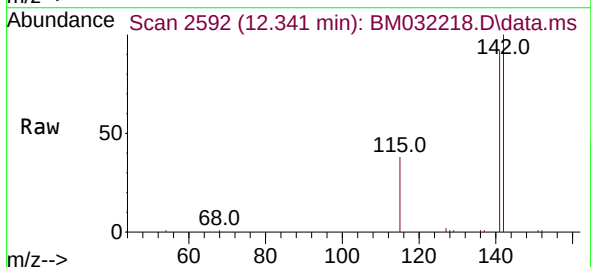
Instrument :
BNA_M
ClientSampleId :
GB6Y2MSD

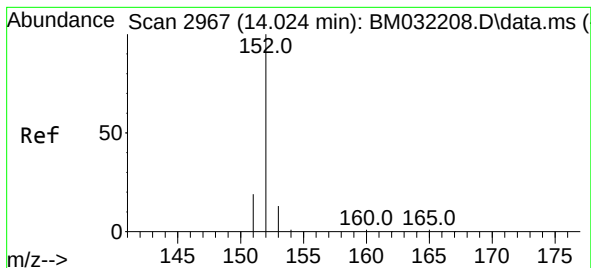
Tgt Ion:142 Resp: 13314
Ion Ratio Lower Upper
142 100
141 89.2 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.341 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

Tgt Ion:142 Resp: 12673
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6





#10

Acenaphthylene

Concen: 0.334 ng/ul

RT: 14.024 min Scan# 2967

Delta R.T. 0.000 min

Lab File: BM032218.D

Acq: 27 Sep 2021 23:08

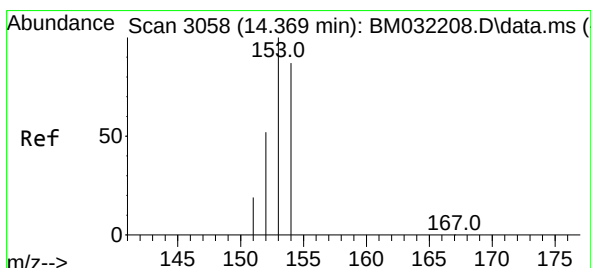
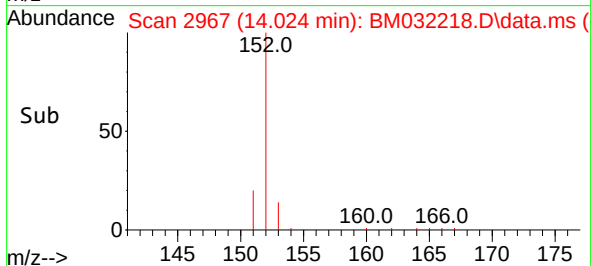
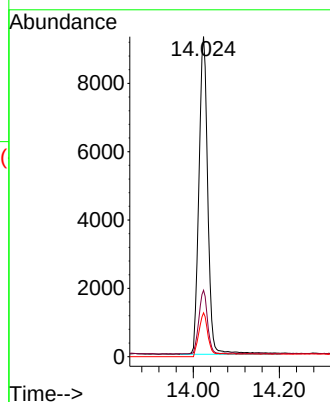
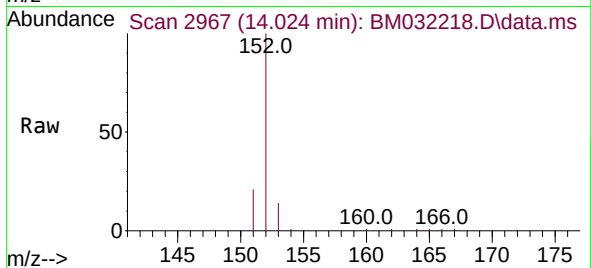
Instrument :

BNA_M

ClientSampleId :

GB6Y2MSD

Tgt Ion:152	Resp:	13615
Ion Ratio	Lower	Upper
152	100	
151	20.8	16.0 24.0
153	13.7	10.7 16.1



#11

Acenaphthene

Concen: 0.340 ng/ul

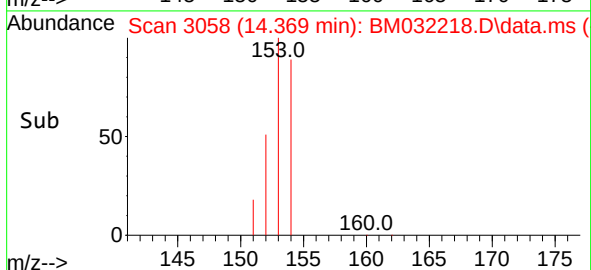
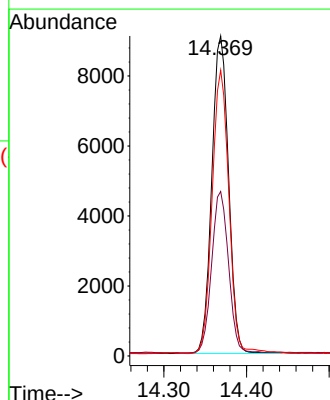
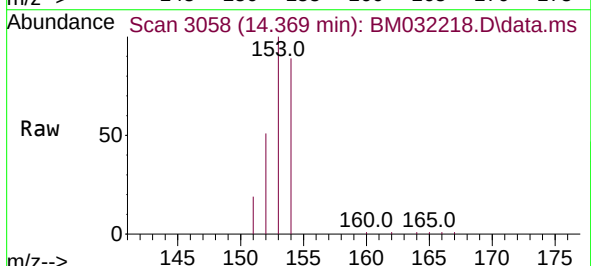
RT: 14.369 min Scan# 3058

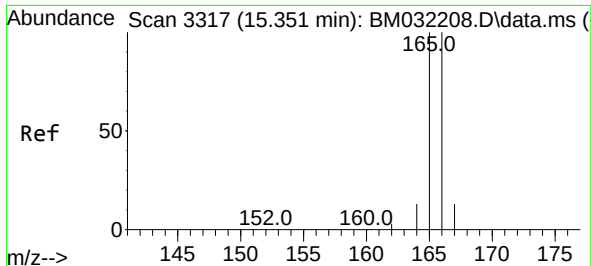
Delta R.T. 0.000 min

Lab File: BM032218.D

Acq: 27 Sep 2021 23:08

Tgt Ion:153	Resp:	12774
Ion Ratio	Lower	Upper
153	100	
152	51.4	41.6 62.4
154	89.3	71.2 106.8

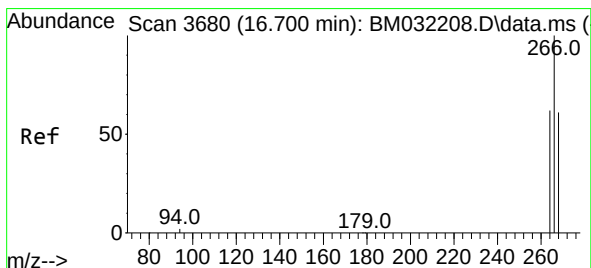
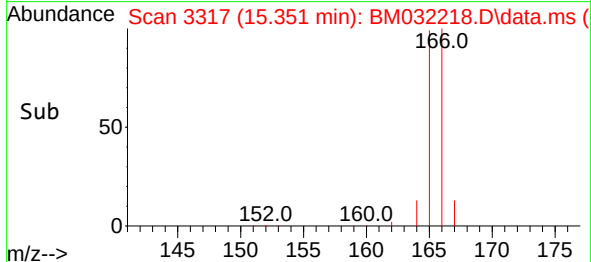
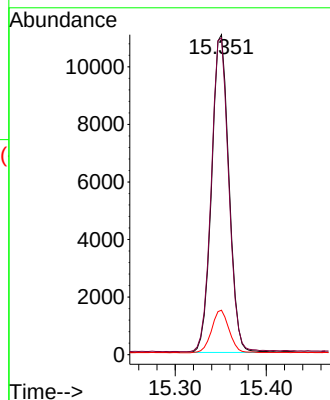
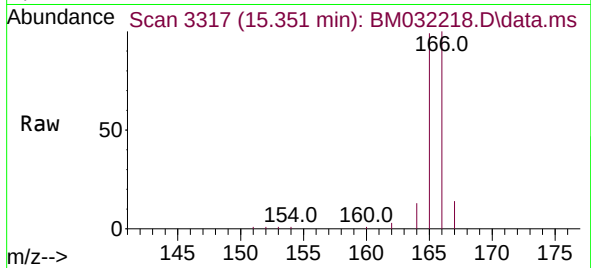




#12
Fluorene
Concen: 0.342 ng/ul
RT: 15.351 min Scan# 3317
Delta R.T. 0.000 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

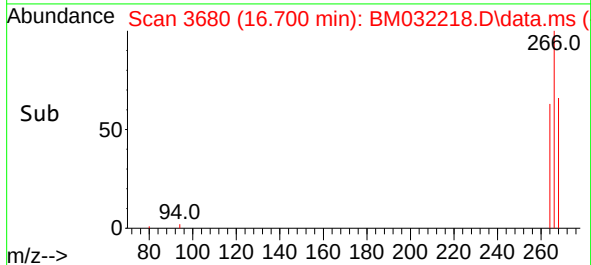
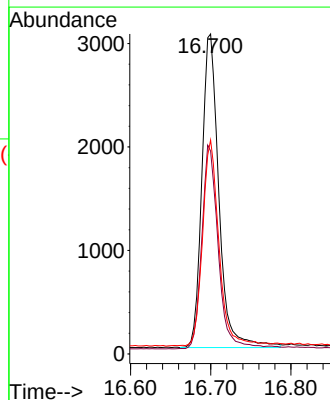
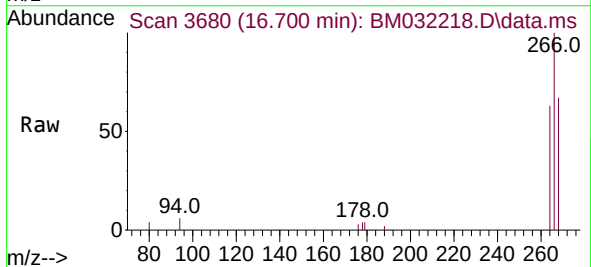
Instrument :
BNA_M
ClientSampleId :
GB6Y2MSD

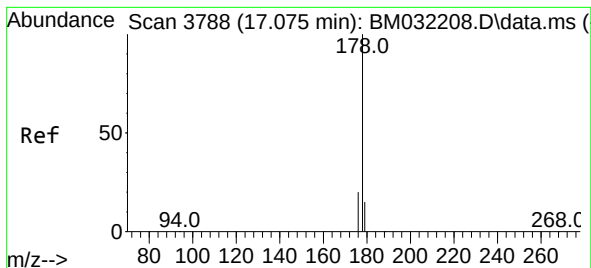
Tgt Ion:166 Resp: 14582
Ion Ratio Lower Upper
166 100
165 99.0 79.4 119.2
167 13.9 10.8 16.2



#14
Pentachlorophenol
Concen: 0.876 ng/ul
RT: 16.700 min Scan# 3680
Delta R.T. 0.000 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

Tgt Ion:266 Resp: 4465
Ion Ratio Lower Upper
266 100
264 62.9 49.8 74.8
268 63.0 50.4 75.6





#15

Phenanthrene

Concen: 0.374 ng/ul

RT: 17.071 min Scan# 3787

Delta R.T. -0.003 min

Lab File: BM032218.D

Acq: 27 Sep 2021 23:08

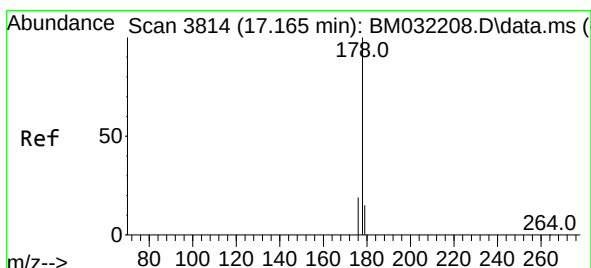
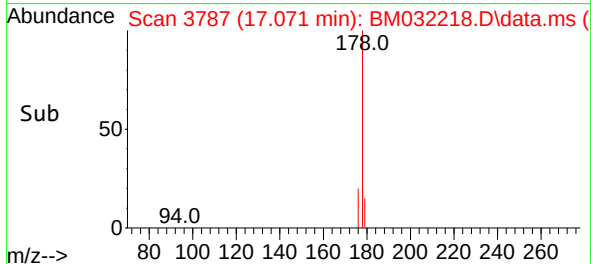
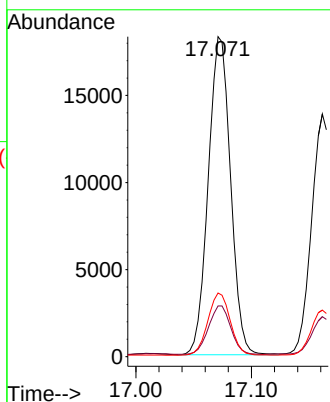
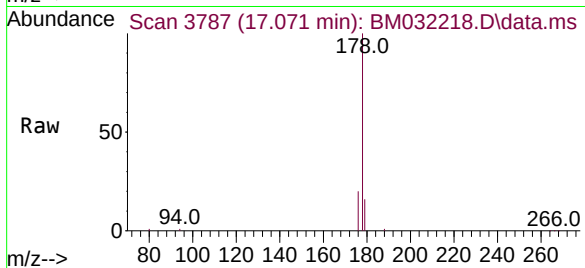
Instrument :

BNA_M

ClientSampleId :

GB6Y2MSD

Tgt Ion:178	Resp:	24566
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.6 18.8
176	19.9	15.8 23.6



#16

Anthracene

Concen: 0.372 ng/ul

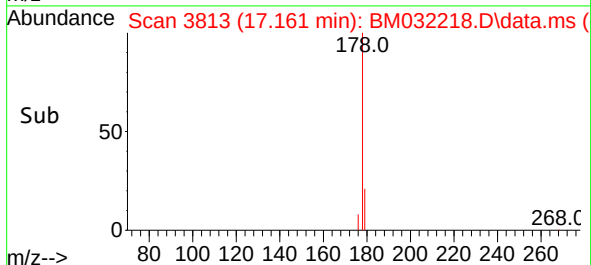
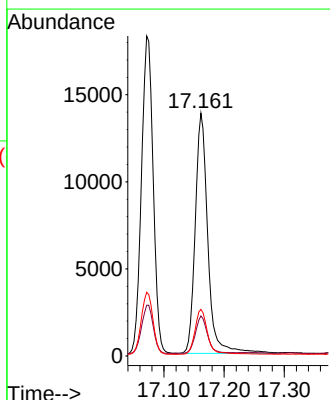
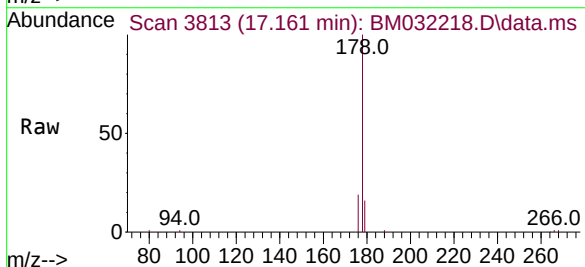
RT: 17.161 min Scan# 3813

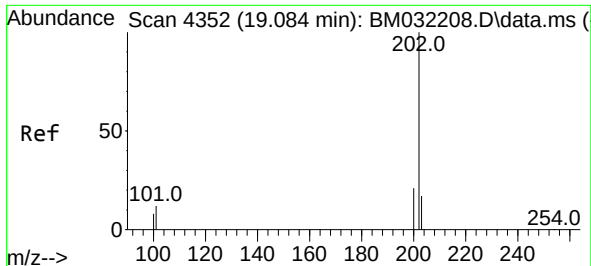
Delta R.T. -0.003 min

Lab File: BM032218.D

Acq: 27 Sep 2021 23:08

Tgt Ion:178	Resp:	20097
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.7 19.1
176	19.2	15.3 22.9

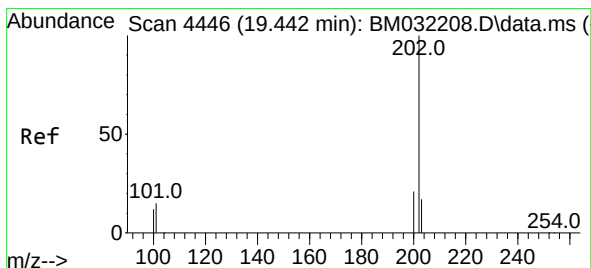
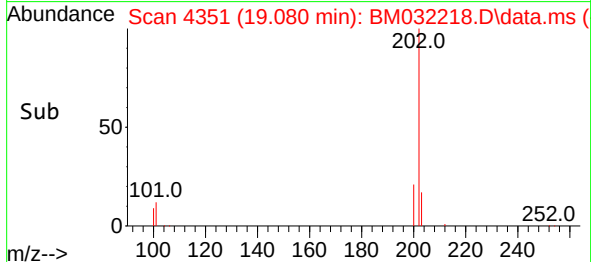
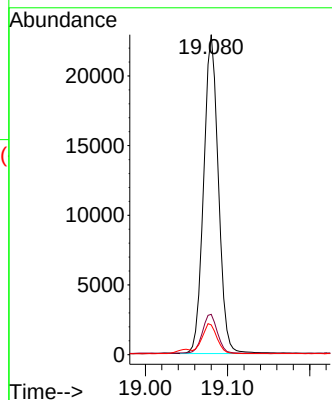
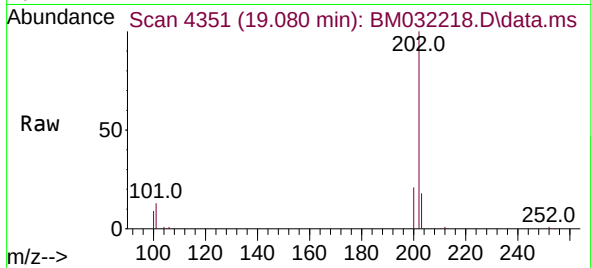




#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 19.080 min Scan# 4351
Delta R.T. -0.004 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

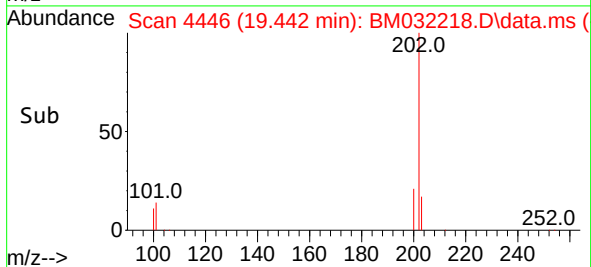
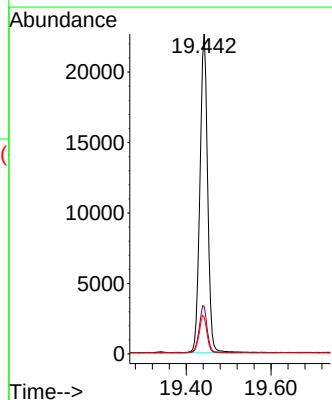
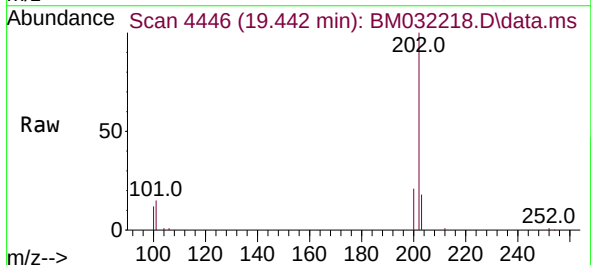
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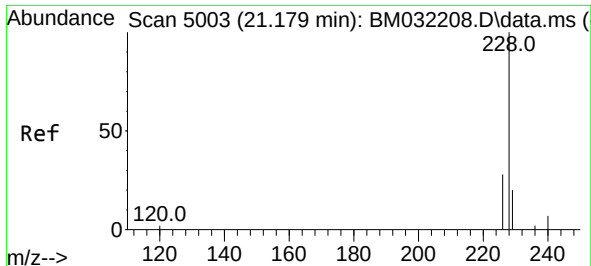
Tgt Ion:202 Resp: 28412
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.8
100 9.3 7.2 10.8



#20
Pyrene
Concen: 0.426 ng/ul
RT: 19.442 min Scan# 4446
Delta R.T. 0.000 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

Tgt Ion:202 Resp: 28679
Ion Ratio Lower Upper
202 100
101 14.9 12.1 18.1
100 11.5 9.8 14.6

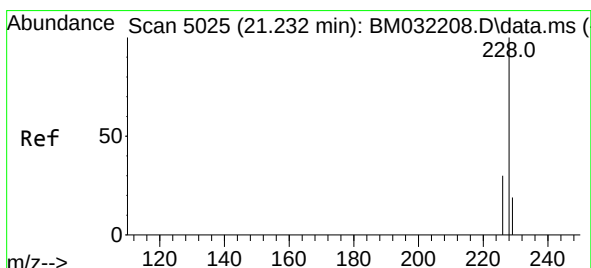
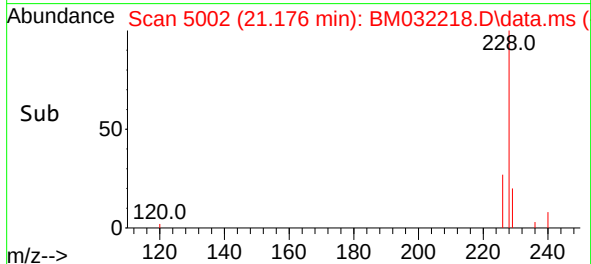
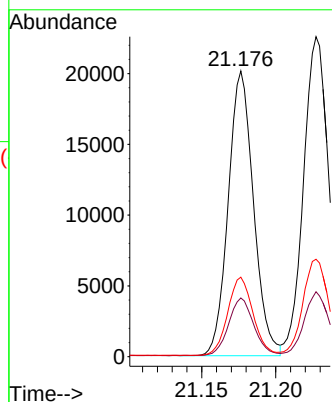
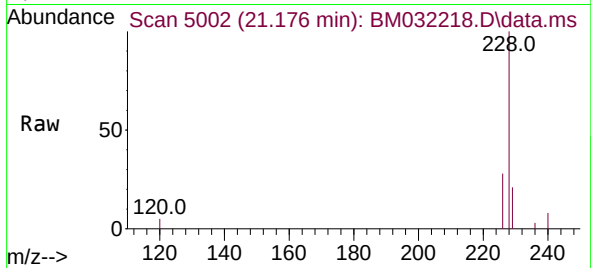




#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.176 min Scan# 5002
Delta R.T. -0.002 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

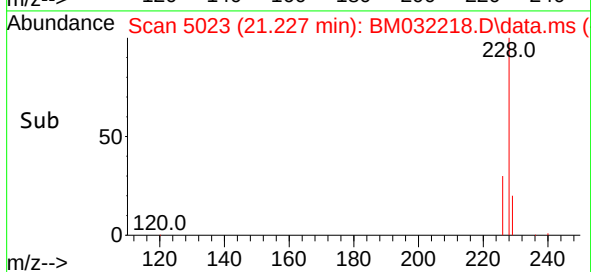
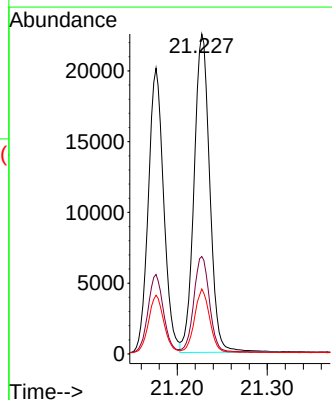
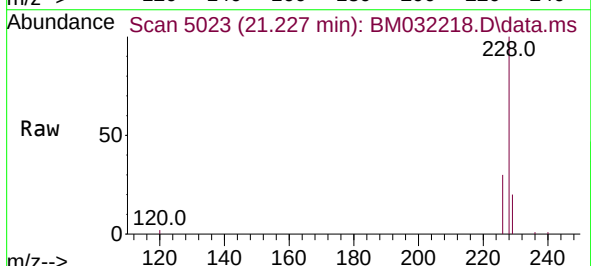
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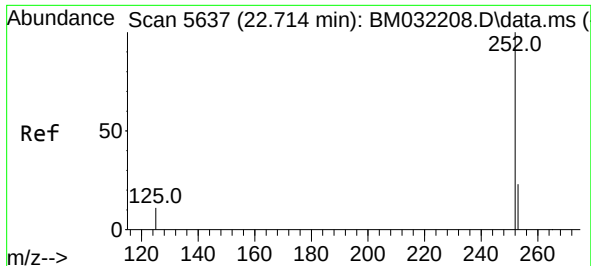
Tgt Ion:228	Resp:	23891
Ion Ratio	Lower	Upper
228	100	
229	20.6	16.0 24.0
226	27.8	22.3 33.5



#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.227 min Scan# 5023
Delta R.T. -0.002 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

Tgt Ion:228	Resp:	27139
Ion Ratio	Lower	Upper
228	100	
226	30.4	24.6 37.0
229	20.3	15.6 23.4

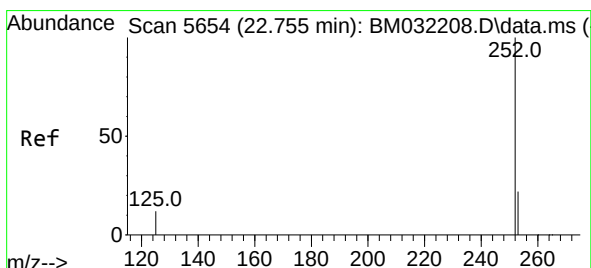
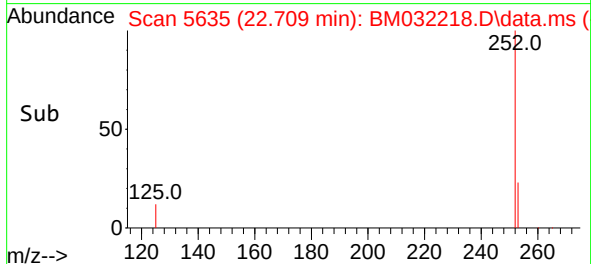
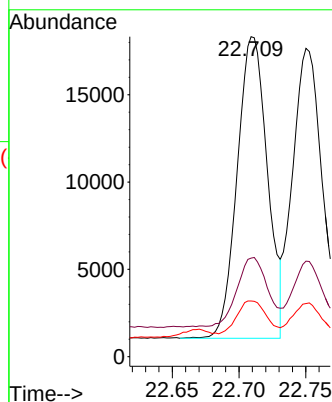
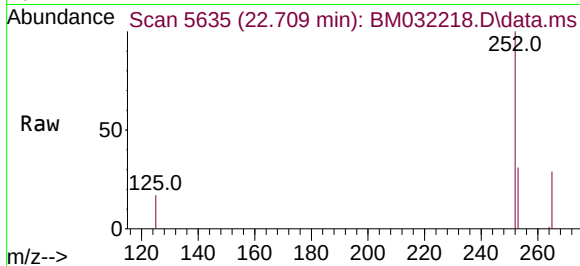




#24
Benzo(b)fluoranthene
Concen: 0.395 ng/ul
RT: 22.709 min Scan# 5635
Delta R.T. -0.005 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

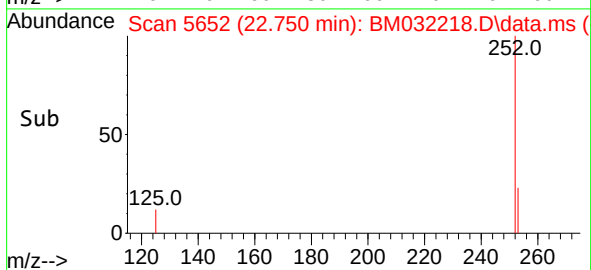
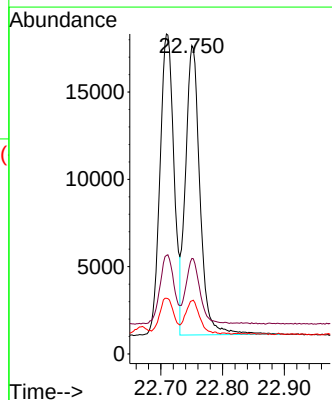
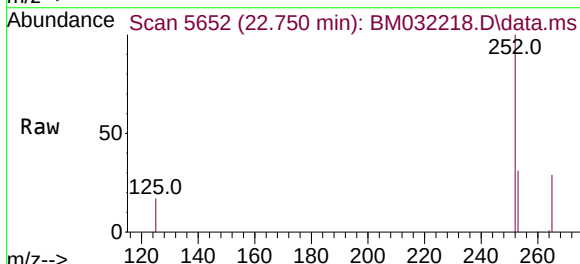
Instrument :
BNA_M
ClientSampleId :
GB6Y2MSD

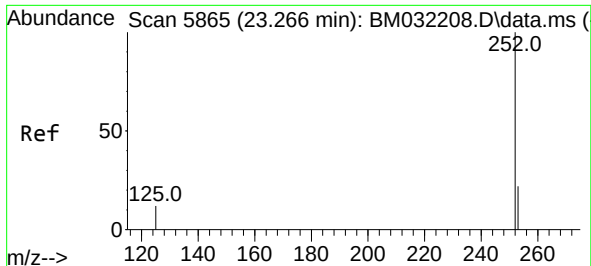
Tgt Ion:252	Resp:	27244
Ion Ratio	Lower	Upper
252	100	
253	30.8	0.0 58.0
125	17.4	0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.404 ng/ul
RT: 22.750 min Scan# 5652
Delta R.T. -0.005 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

Tgt Ion:252	Resp:	26896
Ion Ratio	Lower	Upper
252	100	
253	31.0	22.9 34.3
125	17.2	12.9 19.3

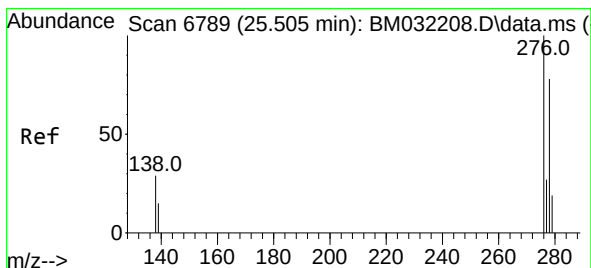
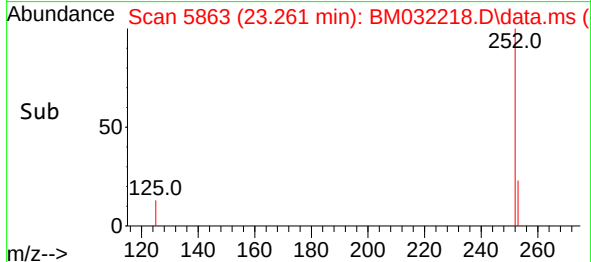
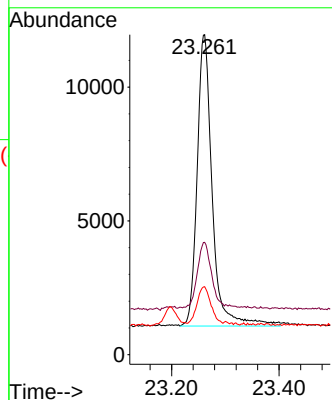
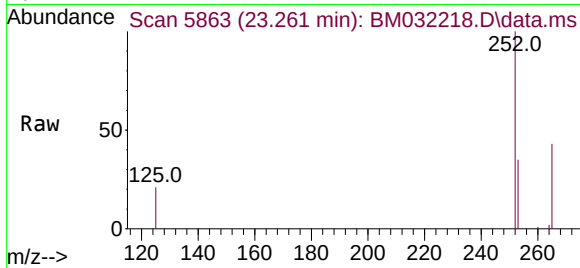




#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.261 min Scan# 5863
Delta R.T. -0.002 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

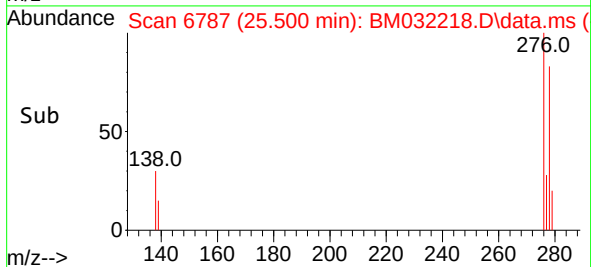
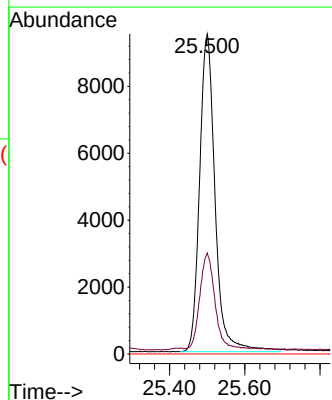
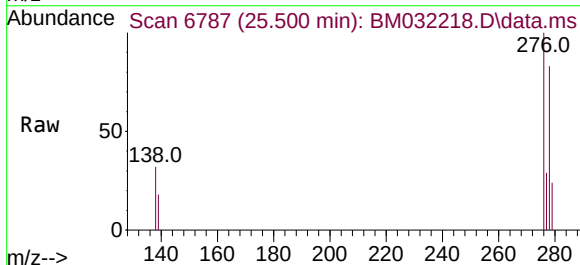
Instrument :
BNA_M
ClientSampleId :
GB6Y2MSD

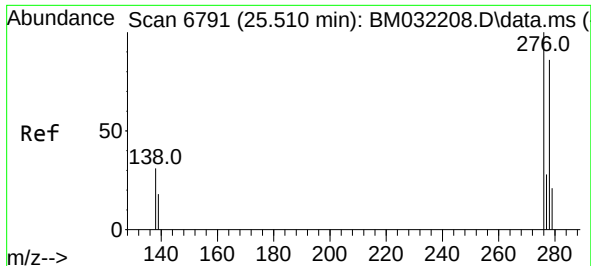
Tgt Ion:252	Resp:	21193
Ion Ratio	Lower	Upper
252	100	
253	35.1	25.8 38.8
125	21.3	15.4 23.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 25.500 min Scan# 6787
Delta R.T. -0.005 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

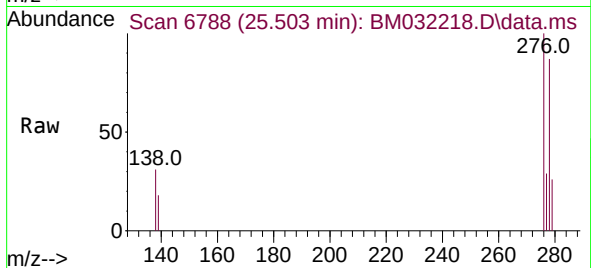
Tgt Ion:276	Resp:	27193
Ion Ratio	Lower	Upper
276	100	
138	29.5	24.3 36.5
227	0.0	0.0 0.0



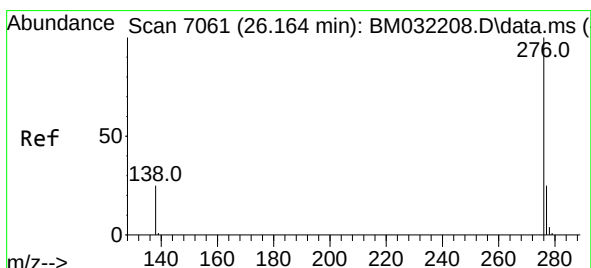
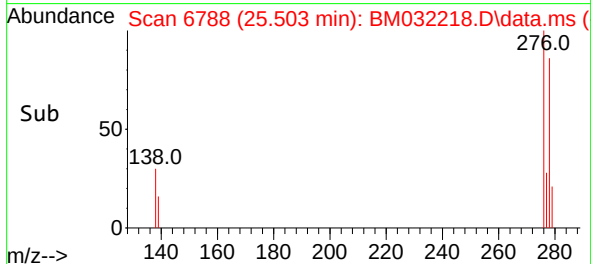
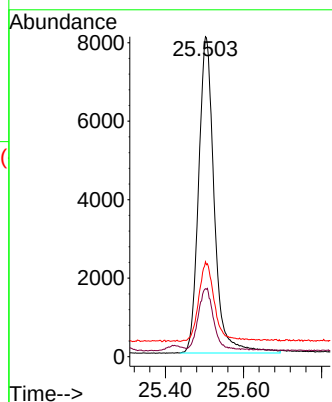


#28
Dibenzo(a,h)anthracene
Concen: 0.416 ng/ul
RT: 25.503 min Scan# 6788
Delta R.T. -0.007 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

Instrument :
BNA_M
ClientSampleId :
GB6Y2MSD



Tgt Ion:	278	Resp:	22441
Ion Ratio	Lower	Upper	
278	100		
139	21.2	16.6	24.8
279	29.7	23.0	34.6



#29
Benzo(g,h,i)perylene
Concen: 0.404 ng/ul
RT: 26.159 min Scan# 7059
Delta R.T. -0.005 min
Lab File: BM032218.D
Acq: 27 Sep 2021 23:08

Tgt Ion:	276	Resp:	25309
Ion Ratio	Lower	Upper	
276	100		
138	26.8	21.0	31.4
277	24.8	19.8	29.8

