

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
 Data File : BM037566.D
 Acq On : 18 Nov 2022 16:03
 Operator : CG/JU
 Sample : PB149000BS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:13:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 06:51:41 2022
 Response via : Initial Calibration

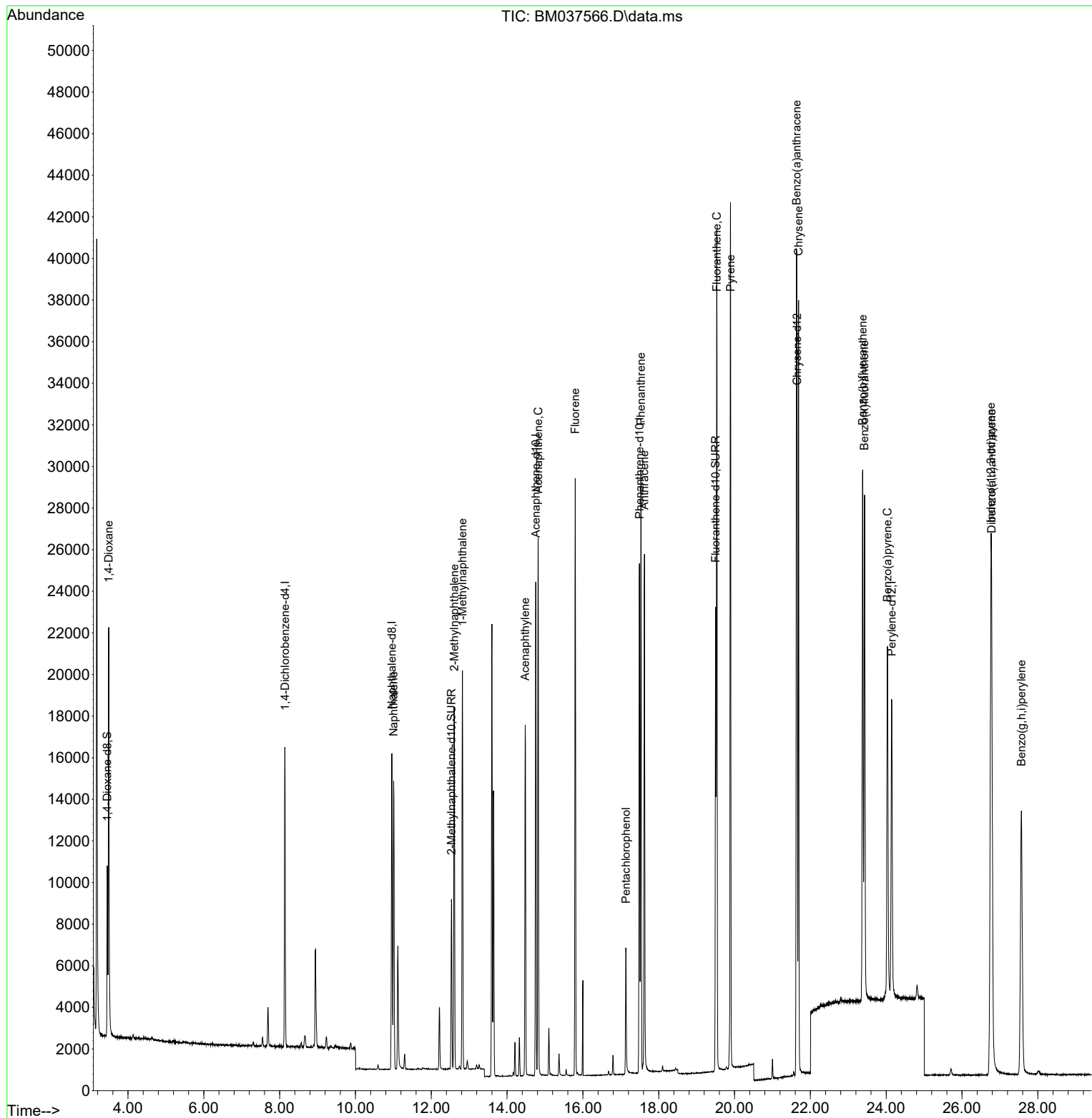
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	7097	0.400	ng/ul	0.00
4) Naphthalene-d8	10.958	136	19519	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.756	164	11884	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.491	188	27859	0.400	ng/ul	0.00
17) Chrysene-d12	21.649	240	21427	0.400	ng/ul	0.00
23) Perylene-d12	24.145	264	20236	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.454	96	4893	0.593	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.530	152	9838	0.304	ng/ul	0.00
18) Fluoranthene-d10	19.499	212	23136	0.327	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.491	88	12627	1.470	ng/ul#	54
5) Naphthalene	11.007	128	18520	0.312	ng/ul	99
7) 2-Methylnaphthalene	12.607	142	11908	0.295	ng/ul	99
8) 1-Methylnaphthalene	12.822	142	12771	0.309	ng/ul	99
10) Acenaphthylene	14.478	152	18365	0.278	ng/ul	99
11) Acenaphthene	14.820	153	14405	0.313	ng/ul	98
12) Fluorene	15.797	166	17077	0.308	ng/ul	99
14) Pentachlorophenol	17.132	266	4143	0.663	ng/ul	99
15) Phenanthrene	17.529	178	29621	0.311	ng/ul	100
16) Anthracene	17.622	178	26437	0.288	ng/ul	99
19) Fluoranthene	19.531	202	33764	0.327	ng/ul	97
20) Pyrene	19.894	202	34780	0.324	ng/ul	100
21) Benzo(a)anthracene	21.634	228	30536	0.319	ng/ul	100
22) Chrysene	21.687	228	32328	0.340	ng/ul	100
24) Benzo(b)fluoranthene	23.379	252	33338	0.361	ng/ul	95
25) Benzo(k)fluoranthene	23.426	252	32961	0.354	ng/ul	97
26) Benzo(a)pyrene	24.031	252	27689	0.345	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.762	276	35933	0.338	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.779	278	28811	0.345	ng/ul	97
29) Benzo(g,h,i)perylene	27.564	276	29225	0.324	ng/ul	98

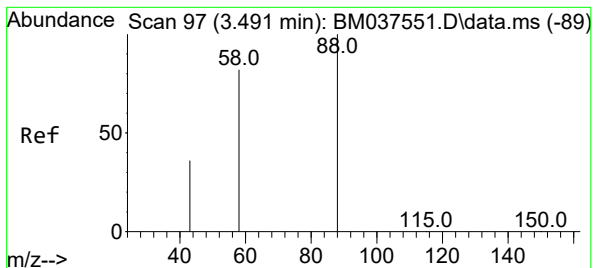
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 18 06:51:41 2022
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#2

1,4-Dioxane

Concen: 1.470 ng/ul

RT: 3.491 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM037566.D

Acq: 18 Nov 2022 16:03

Instrument :

BNA_M

ClientSampleId :

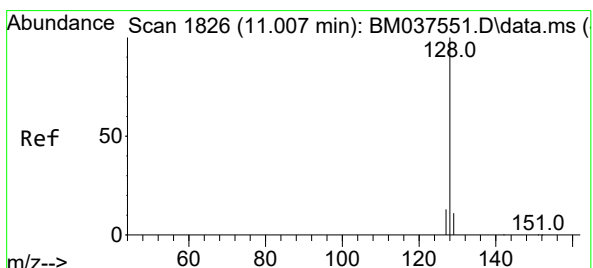
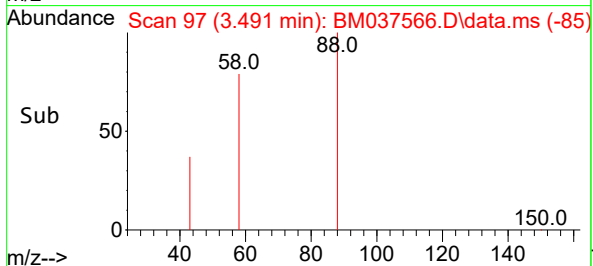
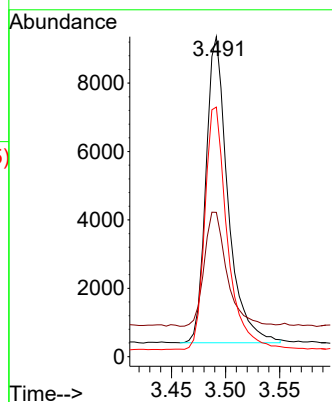
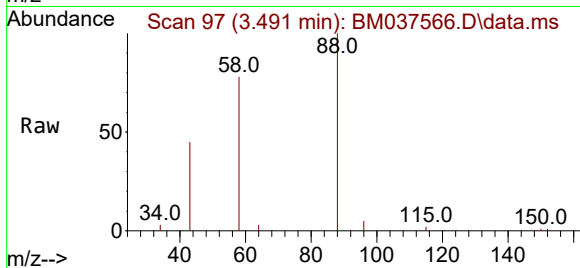
Tgt Ion: 88 Resp: 12627

Ion Ratio Lower Upper

88 100

43 45.1 102.8 154.2#

58 78.0 67.3 100.9



#5

Naphthalene

Concen: 0.312 ng/ul

RT: 11.007 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BM037566.D

Acq: 18 Nov 2022 16:03

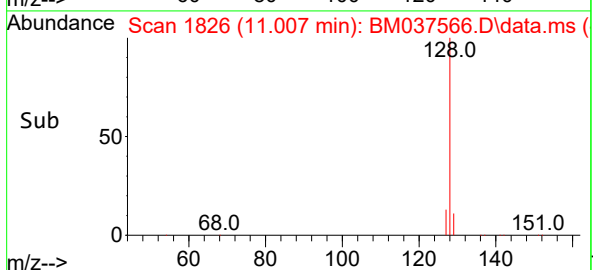
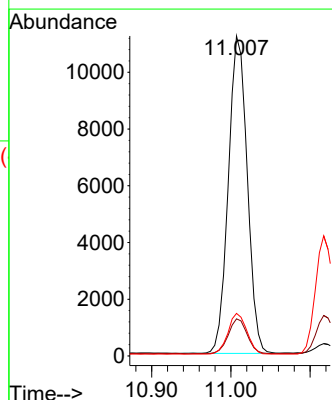
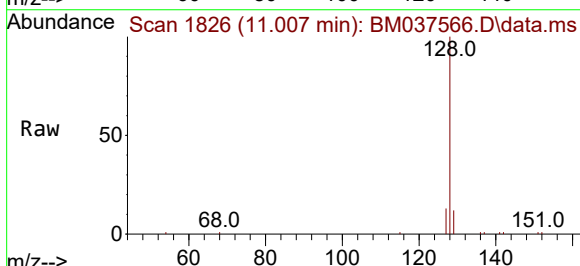
Tgt Ion: 128 Resp: 18520

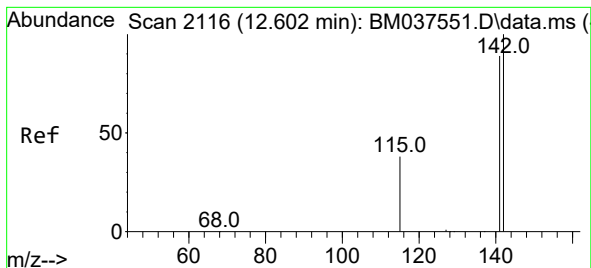
Ion Ratio Lower Upper

128 100

129 11.6 9.8 14.8

127 13.3 11.0 16.4





#7

2-Methylnaphthalene

Concen: 0.295 ng/ul

RT: 12.607 min Scan# 2116

Delta R.T. 0.006 min

Lab File: BM037566.D

Acq: 18 Nov 2022 16:03

Instrument :

BNA_M

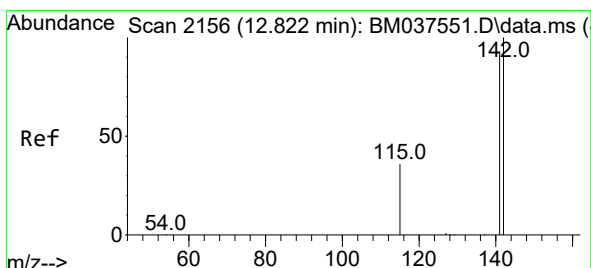
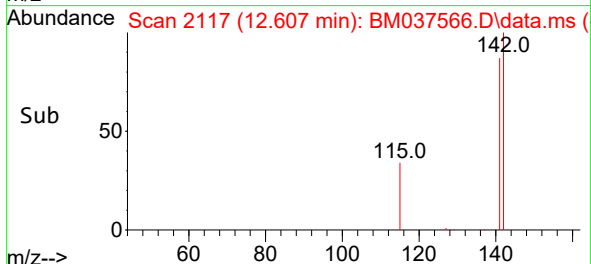
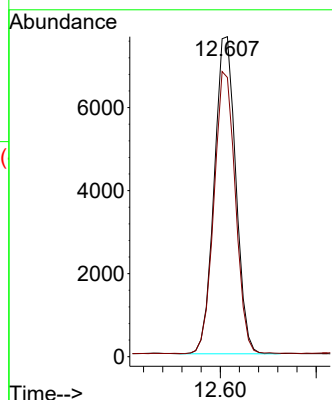
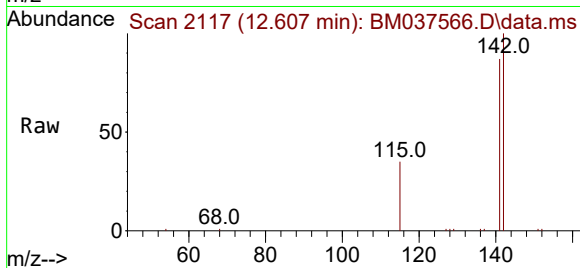
ClientSampleId :

Tgt Ion:142 Resp: 11908

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.4



#8

1-Methylnaphthalene

Concen: 0.309 ng/ul

RT: 12.822 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BM037566.D

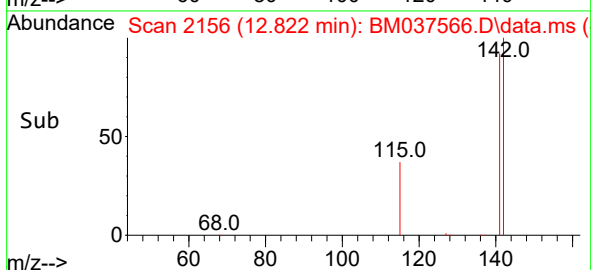
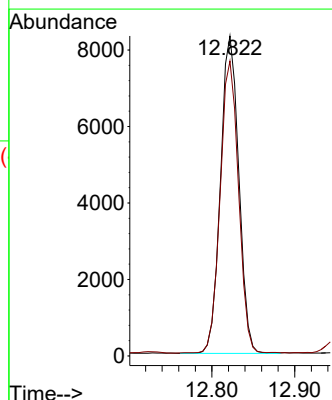
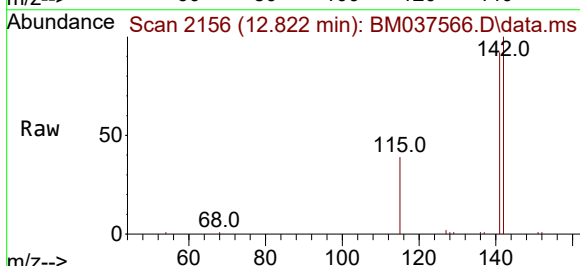
Acq: 18 Nov 2022 16:03

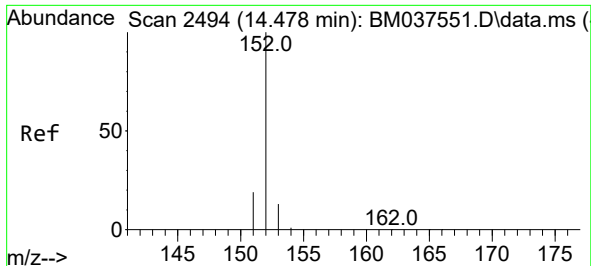
Tgt Ion:142 Resp: 12771

Ion Ratio Lower Upper

142 100

141 92.2 73.4 110.0

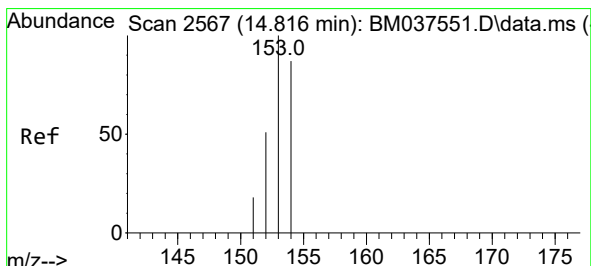
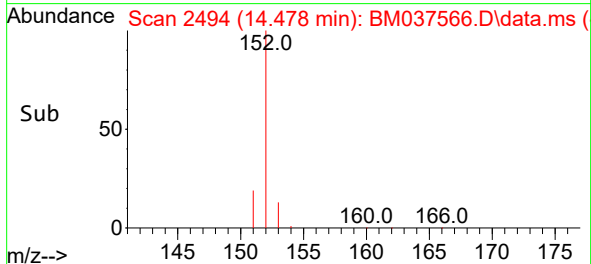
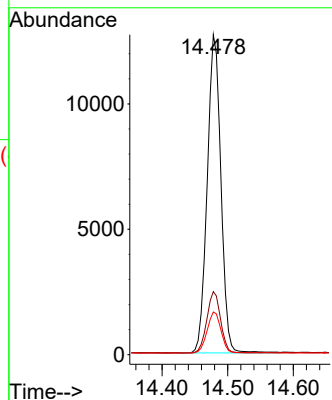
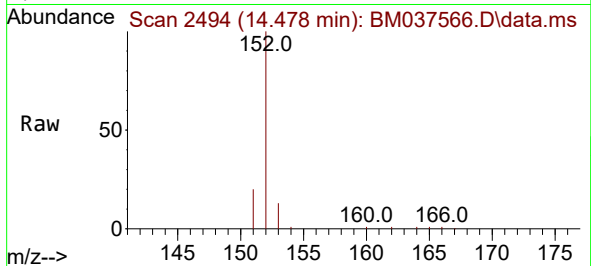




#10
Acenaphthylene
Concen: 0.278 ng/ul
RT: 14.478 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BM037566.D
Acq: 18 Nov 2022 16:03

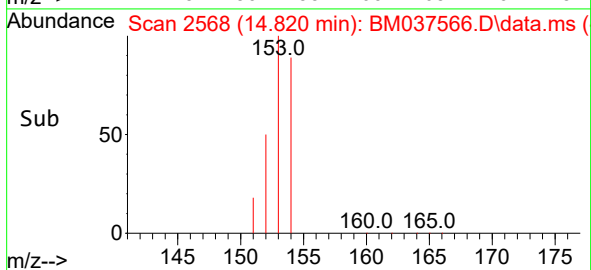
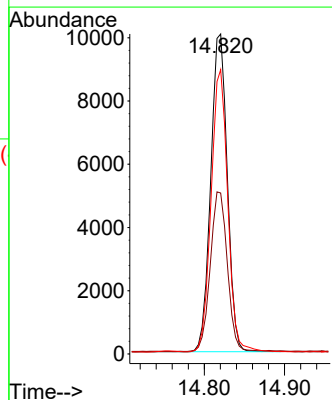
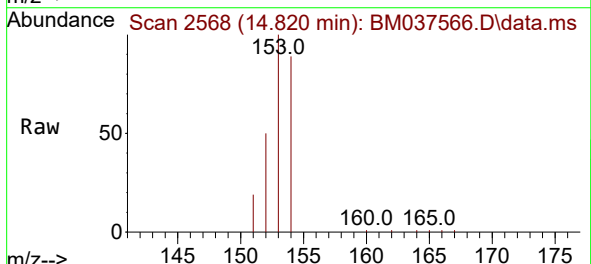
Instrument :
BNA_M
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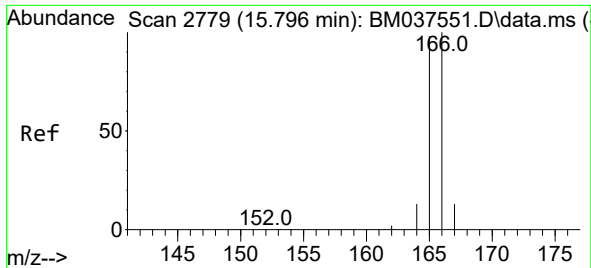
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.3	11.0	16.4



#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.820 min Scan# 2568
Delta R.T. 0.005 min
Lab File: BM037566.D
Acq: 18 Nov 2022 16:03

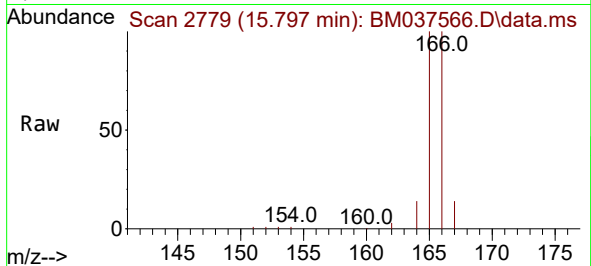
Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.3	39.4	59.0
154	88.9	69.5	104.3



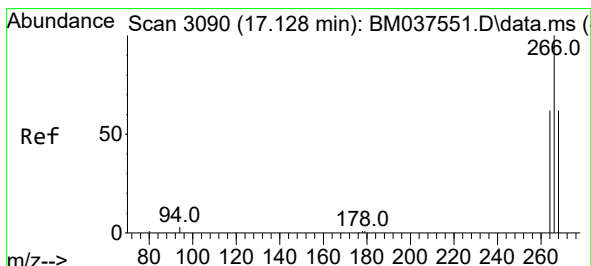
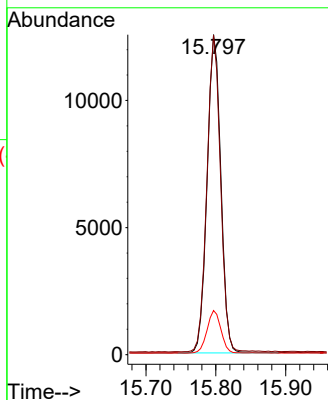
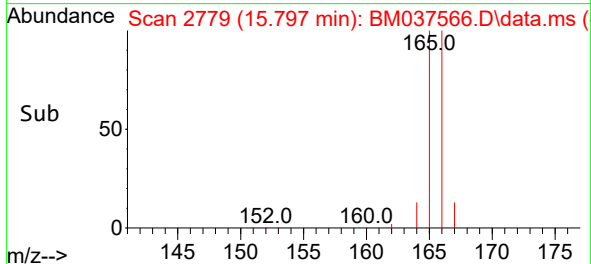


#12
Fluorene
Concen: 0.308 ng/ul
RT: 15.797 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037566.D
Acq: 18 Nov 2022 16:03

Instrument :
BNA_M
ClientSampleId :

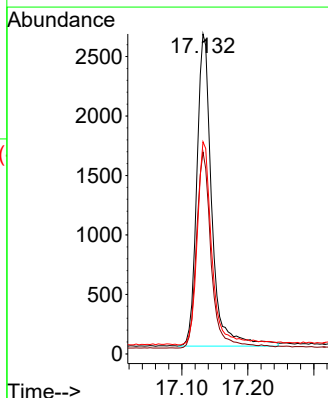
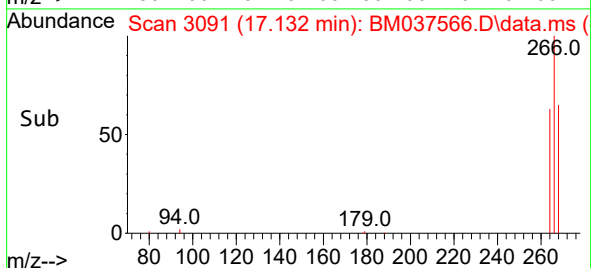
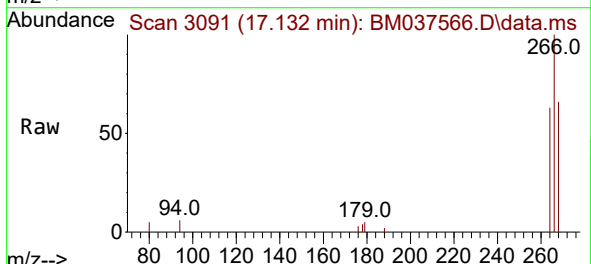


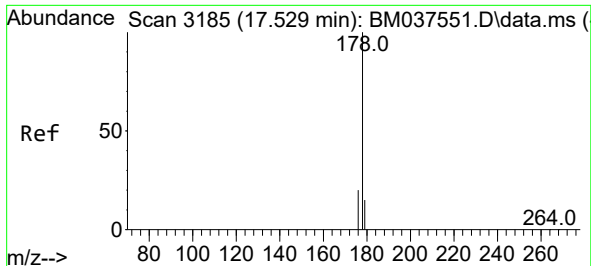
Tgt Ion:166 Resp: 17077
Ion Ratio Lower Upper
166 100
165 99.9 78.7 118.1
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.663 ng/ul
RT: 17.132 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BM037566.D
Acq: 18 Nov 2022 16:03

Tgt Ion:266 Resp: 4143
Ion Ratio Lower Upper
266 100
264 62.2 50.2 75.2
268 64.3 52.0 78.0

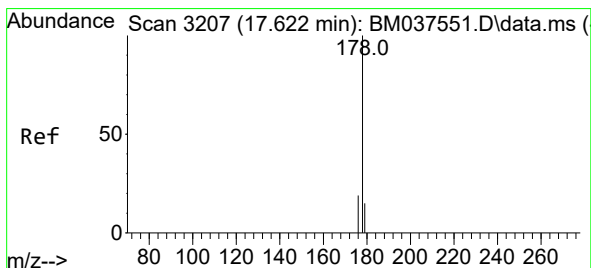
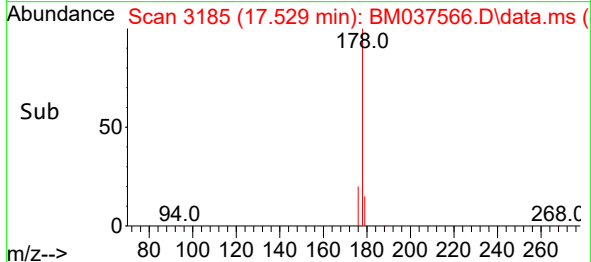
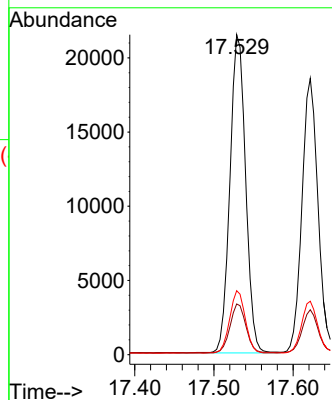
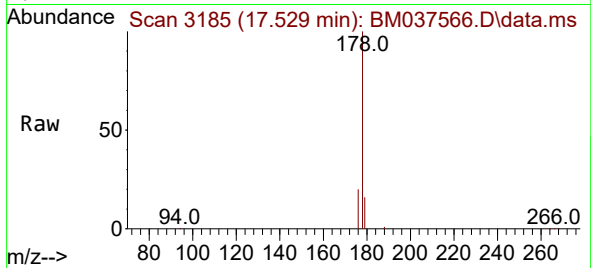




#15
Phenanthrene
Concen: 0.311 ng/ul
RT: 17.529 min Scan# 3185
Delta R.T. 0.000 min
Lab File: BM037566.D
Acq: 18 Nov 2022 16:03

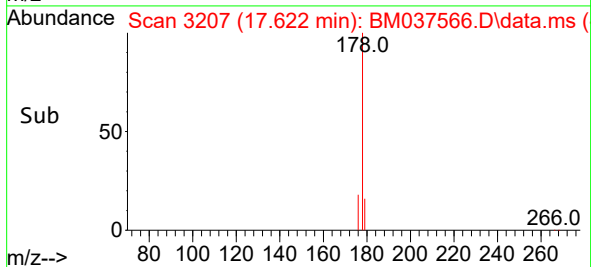
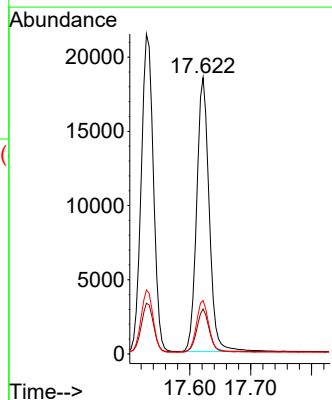
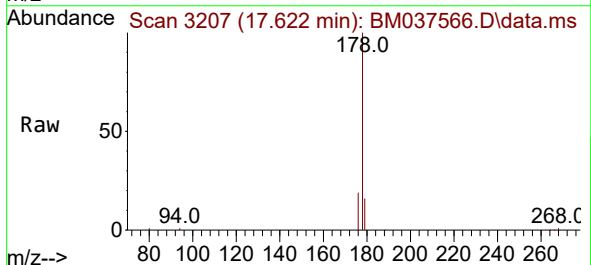
Instrument :
BNA_M
ClientSampleId :

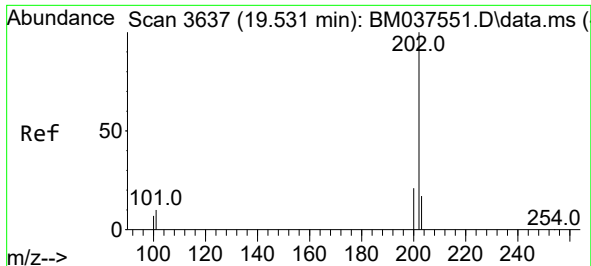
Tgt Ion:178 Resp: 29621
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.288 ng/ul
RT: 17.622 min Scan# 3207
Delta R.T. 0.004 min
Lab File: BM037566.D
Acq: 18 Nov 2022 16:03

Tgt Ion:178 Resp: 26437
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 19.3 15.0 22.6

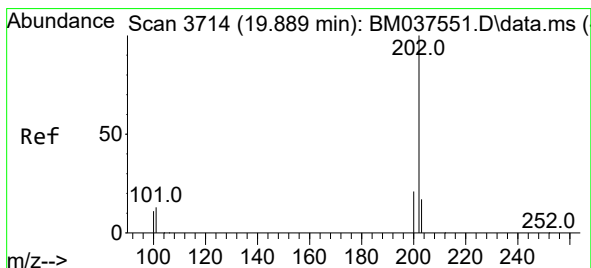
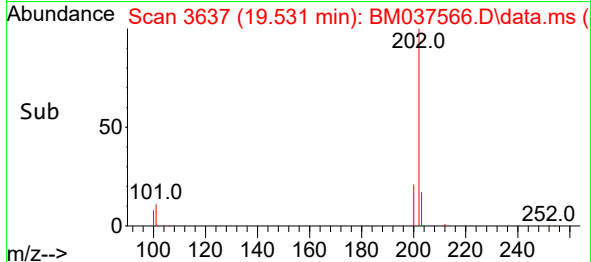
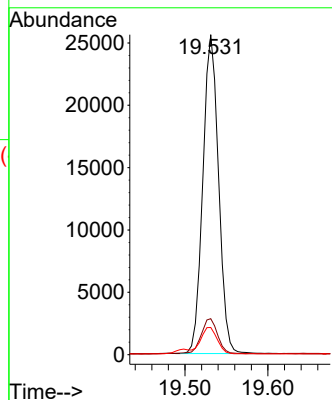
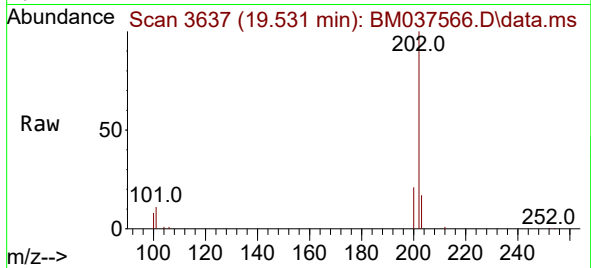




#19
Fluoranthene
Concen: 0.327 ng/ul
RT: 19.531 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BM037566.D
Acq: 18 Nov 2022 16:03

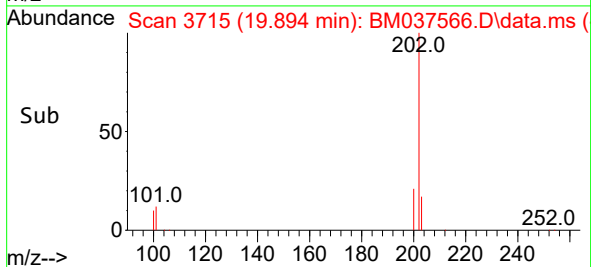
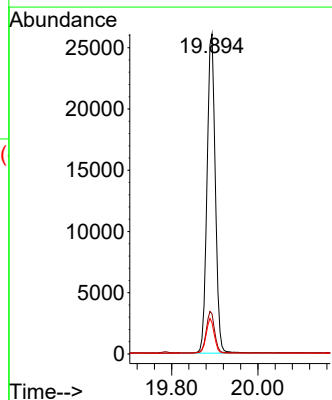
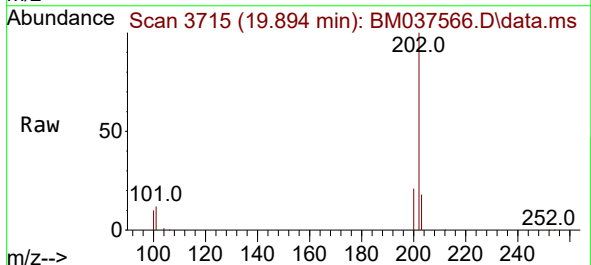
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BNA_M
ClientSampleId :

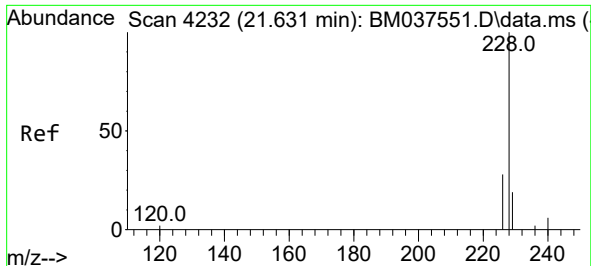
Tgt Ion:202 Resp: 33764
Ion Ratio Lower Upper
202 100
101 11.2 8.2 12.2
100 8.5 6.1 9.1



#20
Pyrene
Concen: 0.324 ng/ul
RT: 19.894 min Scan# 3715
Delta R.T. 0.005 min
Lab File: BM037566.D
Acq: 18 Nov 2022 16:03

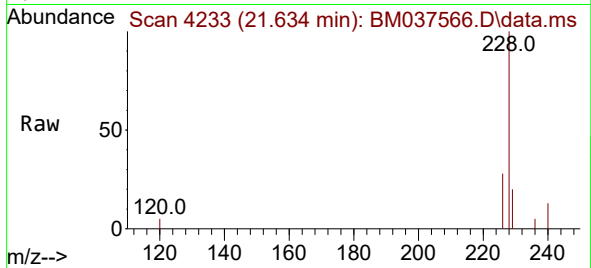
Tgt Ion:202 Resp: 34780
Ion Ratio Lower Upper
202 100
101 12.5 10.1 15.1
100 9.7 8.0 12.0



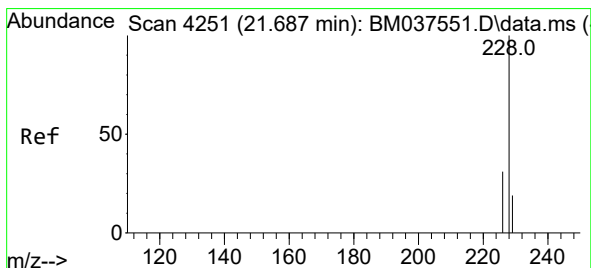
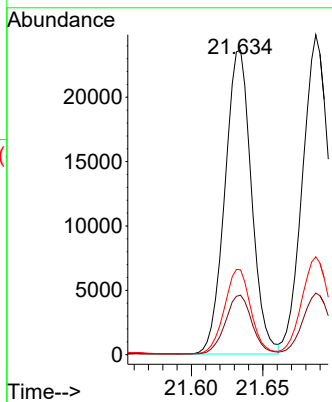
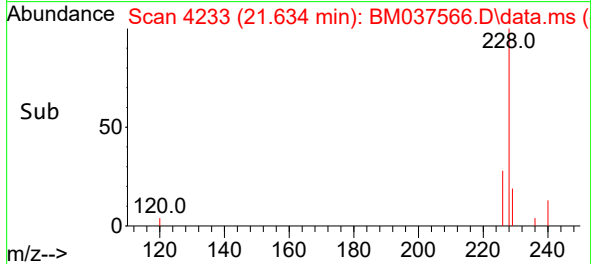


#21
Benzo(a)anthracene
Concen: 0.319 ng/ul
RT: 21.634 min Scan# 4232
Delta R.T. 0.003 min
Lab File: BM037566.D
Acq: 18 Nov 2022 16:03

Instrument :
BNA_M
ClientSampleId :

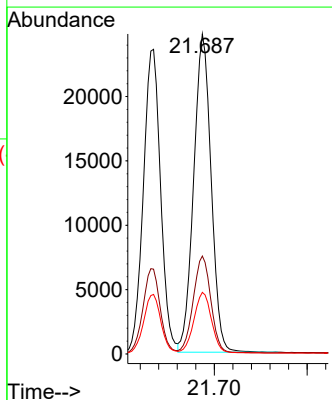
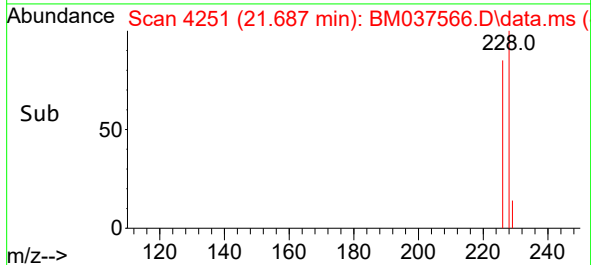
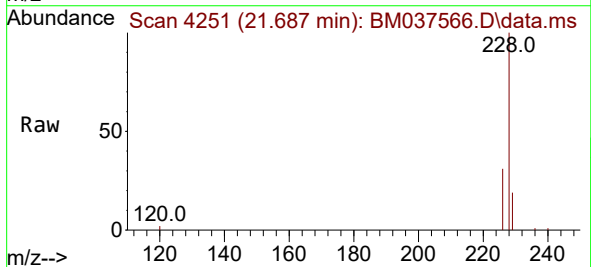


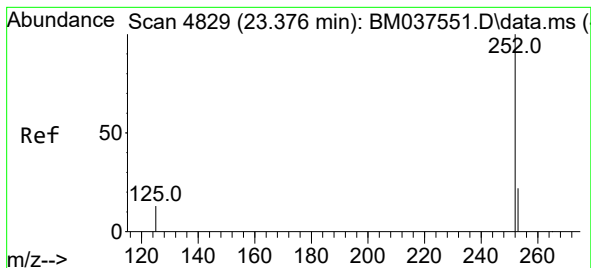
Tgt Ion:228 Resp: 30536
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.9 22.2 33.2



#22
Chrysene
Concen: 0.340 ng/ul
RT: 21.687 min Scan# 4251
Delta R.T. 0.003 min
Lab File: BM037566.D
Acq: 18 Nov 2022 16:03

Tgt Ion:228 Resp: 32328
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.3 15.5 23.3





#24

Benzo(b)fluoranthene

Concen: 0.361 ng/ul

RT: 23.379 min Scan# 4829

Delta R.T. 0.006 min

Lab File: BM037566.D

Acq: 18 Nov 2022 16:03

Instrument :

BNA_M

ClientSampleId :

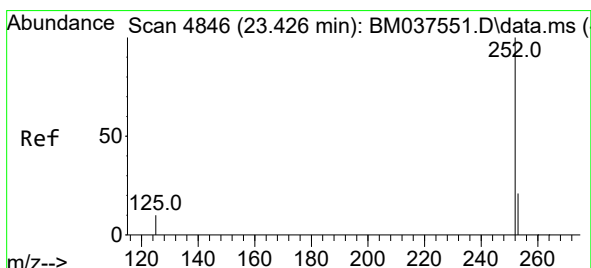
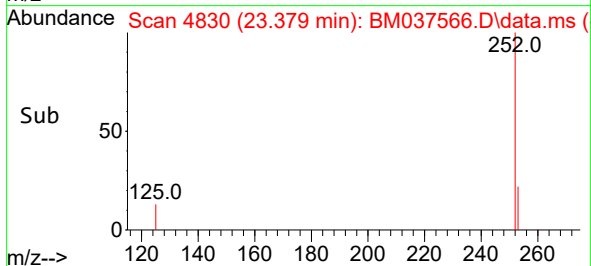
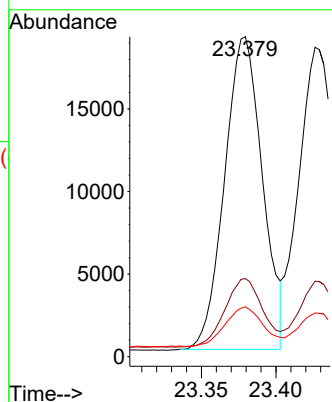
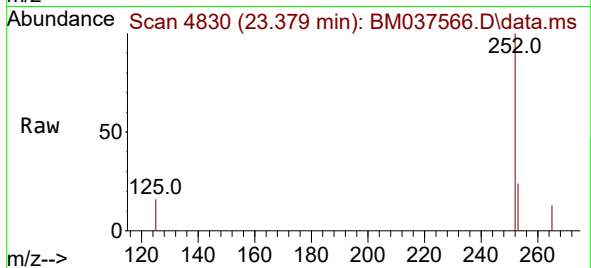
Tgt Ion:252 Resp: 33338

Ion Ratio Lower Upper

252 100

253 24.4 0.0 46.2

125 15.6 0.0 23.4



#25

Benzo(k)fluoranthene

Concen: 0.354 ng/ul

RT: 23.426 min Scan# 4846

Delta R.T. 0.000 min

Lab File: BM037566.D

Acq: 18 Nov 2022 16:03

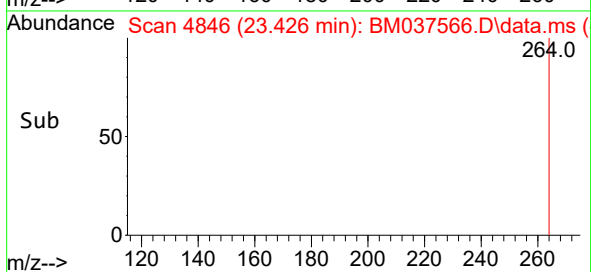
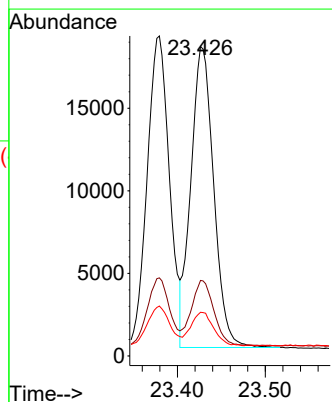
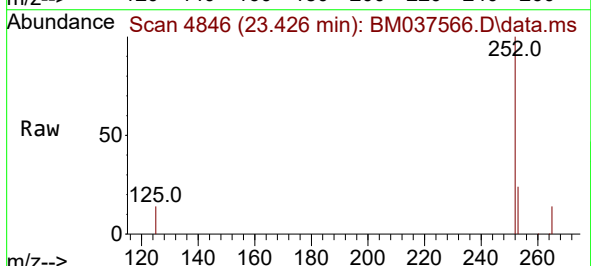
Tgt Ion:252 Resp: 32961

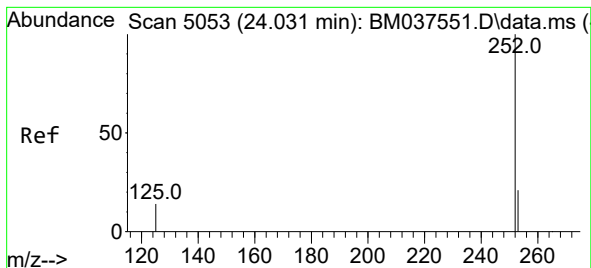
Ion Ratio Lower Upper

252 100

253 24.4 18.8 28.2

125 14.1 9.8 14.6





#26

Benzo(a)pyrene

Concen: 0.345 ng/ul

RT: 24.031 min Scan# 5053

Delta R.T. 0.003 min

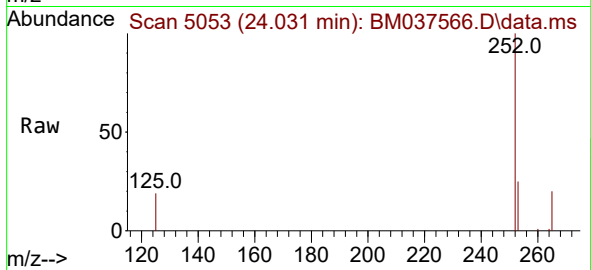
Lab File: BM037566.D

Acq: 18 Nov 2022 16:03

Instrument :

BNA_M

ClientSampleId :



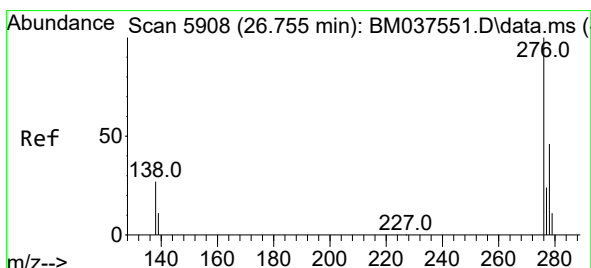
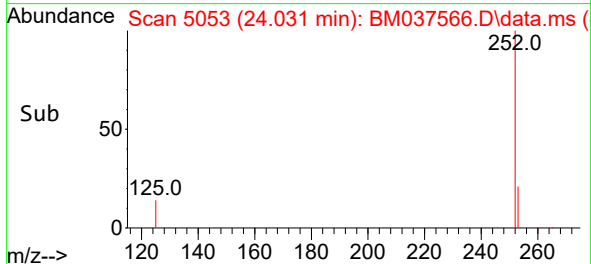
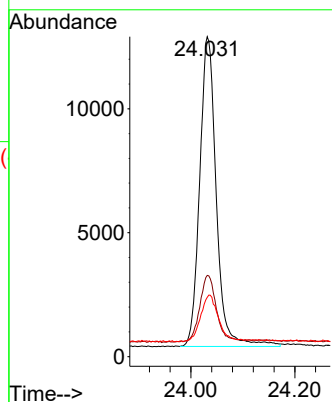
Tgt Ion:252 Resp: 27689

Ion Ratio Lower Upper

252 100

253 25.4 18.8 28.2

125 18.6 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.338 ng/ul

RT: 26.762 min Scan# 5910

Delta R.T. 0.007 min

Lab File: BM037566.D

Acq: 18 Nov 2022 16:03

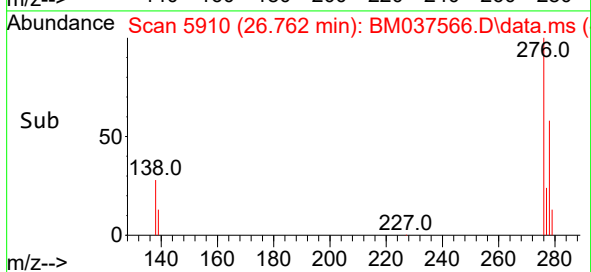
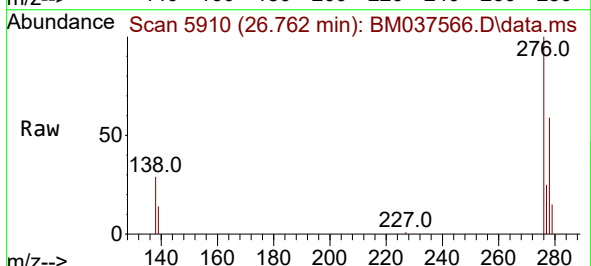
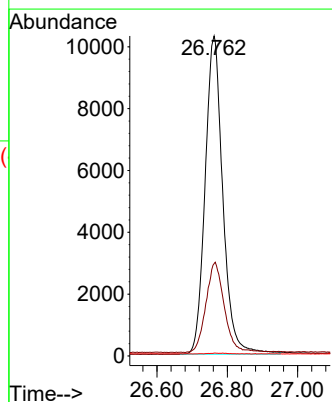
Tgt Ion:276 Resp: 35933

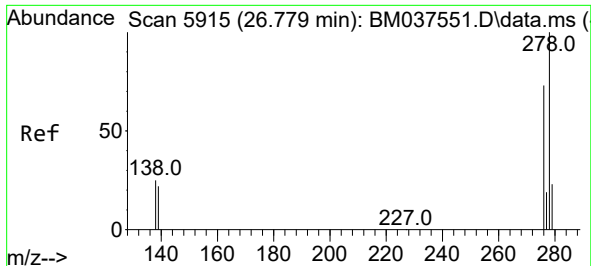
Ion Ratio Lower Upper

276 100

138 29.5 21.2 31.8

227 0.0 0.1 0.1#

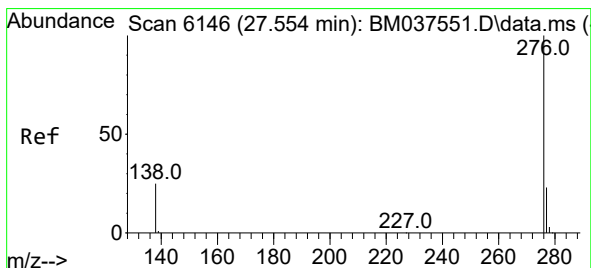
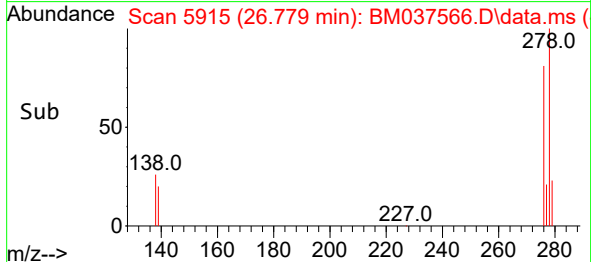
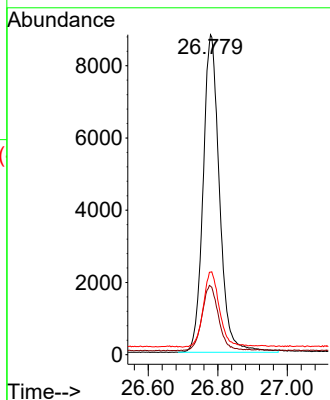
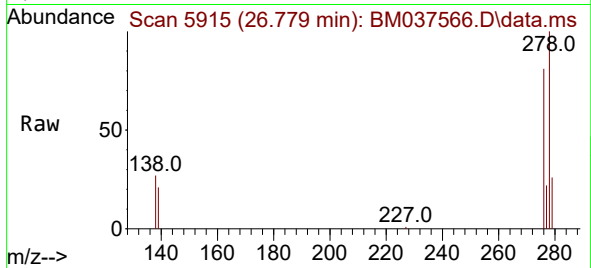




#28
Dibenzo(a,h)anthracene
Concen: 0.345 ng/ul
RT: 26.779 min Scan# 5915
Delta R.T. 0.000 min
Lab File: BM037566.D
Acq: 18 Nov 2022 16:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	15.2	22.8
279	25.8	20.2	30.2



#29
Benzo(g,h,i)perylene
Concen: 0.324 ng/ul
RT: 27.564 min Scan# 6149
Delta R.T. 0.004 min
Lab File: BM037566.D
Acq: 18 Nov 2022 16:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.0	28.4
277	24.4	19.4	29.2

