

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041566.D
 Acq On : 29 Aug 2023 21:24
 Operator : MA/JU
 Sample : SSTD0.821
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.8011

Quant Time: Aug 30 01:42:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 30 01:40:31 2023
 Response via : Initial Calibration

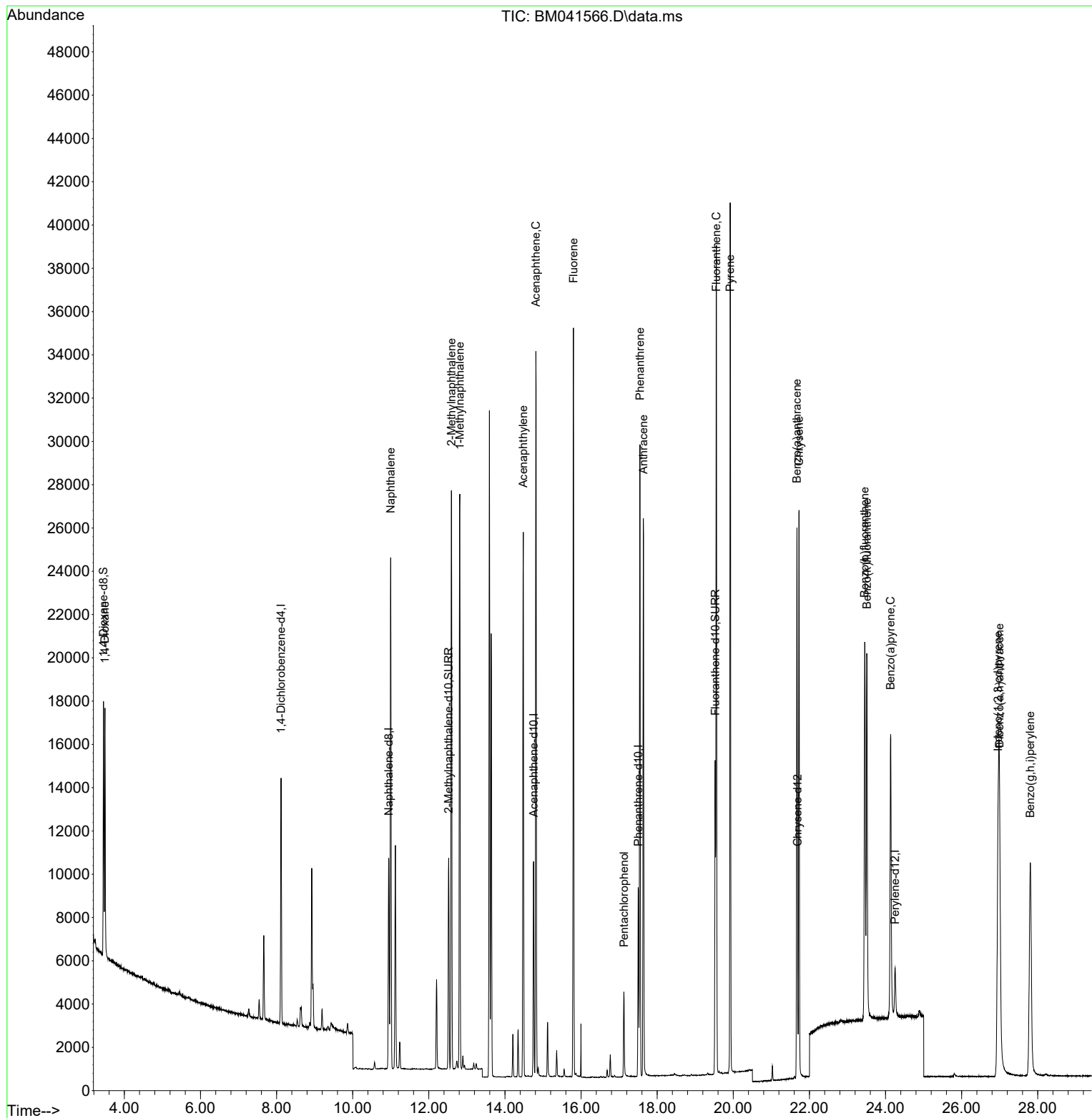
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	5577	0.400	ng/ul	0.00
4) Naphthalene-d8	10.949	136	12540	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	4947	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	9045	0.400	ng/ul	0.00
17) Chrysene-d12	21.688	240	2985	0.400	ng/ul	0.00
23) Perylene-d12	24.248	264	3260	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	6412	0.925	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	11873	0.717	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	11733	0.960	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.490	88	6729	0.936	ng/ul#	89
5) Naphthalene	10.999	128	31450	0.784	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	17754	0.730	ng/ul	99
8) 1-Methylnaphthalene	12.814	142	17904	0.728	ng/ul	99
10) Acenaphthylene	14.481	152	27352	0.838	ng/ul	99
11) Acenaphthene	14.814	153	18723	0.816	ng/ul	98
12) Fluorene	15.799	166	20365	0.822	ng/ul	97
14) Pentachlorophenol	17.126	266	2653	0.713	ng/ul	99
15) Phenanthrene	17.548	178	30523	0.822	ng/ul	100
16) Anthracene	17.637	178	27389	0.804	ng/ul	99
19) Fluoranthene	19.557	202	31624	1.144	ng/ul	99
20) Pyrene	19.919	202	31124	1.112	ng/ul	97
21) Benzo(a)anthracene	21.673	228	21296	1.001	ng/ul	99
22) Chrysene	21.729	228	22912	1.088	ng/ul	99
24) Benzo(b)fluoranthene	23.453	252	24531	1.184	ng/ul	95
25) Benzo(k)fluoranthene	23.509	252	23637	1.166	ng/ul	95
26) Benzo(a)pyrene	24.134	252	21651	1.156	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.958	276	29158	1.158	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.998	278	19650	1.085	ng/ul	94
29) Benzo(g,h,i)perylene	27.803	276	24419	1.158	ng/ul	97

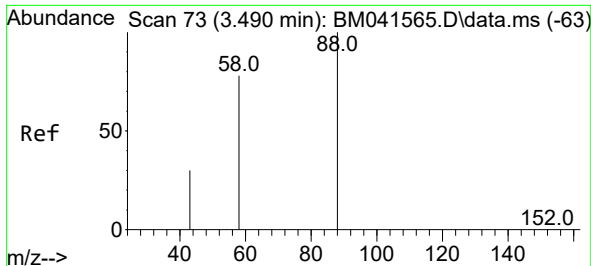
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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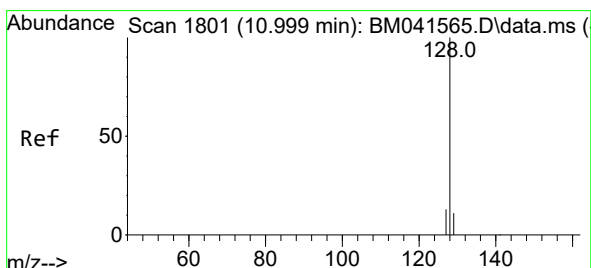
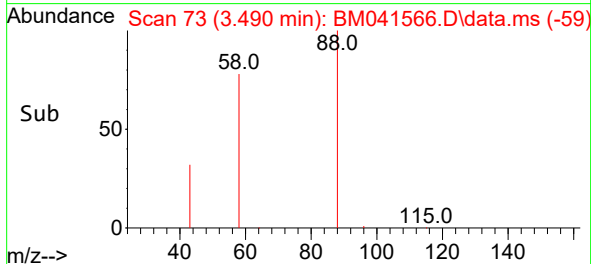
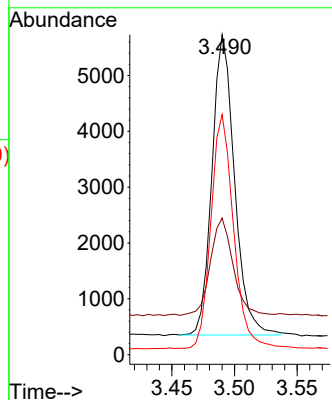
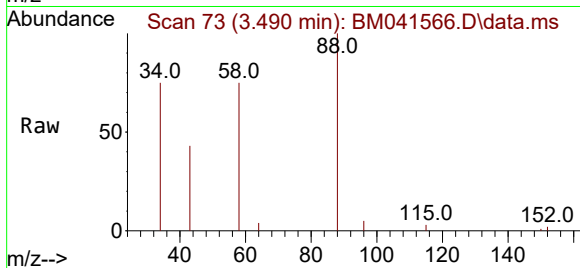




#2
1,4-Dioxane
Concen: 0.936 ng/ul
RT: 3.490 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

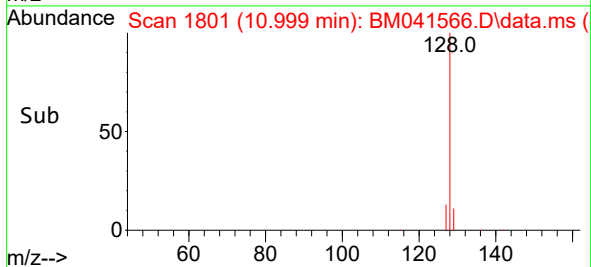
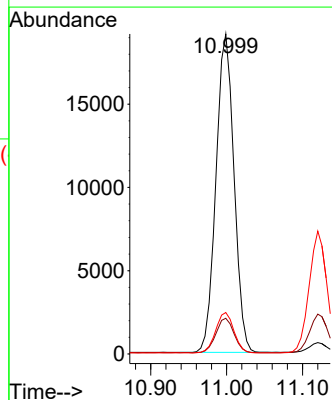
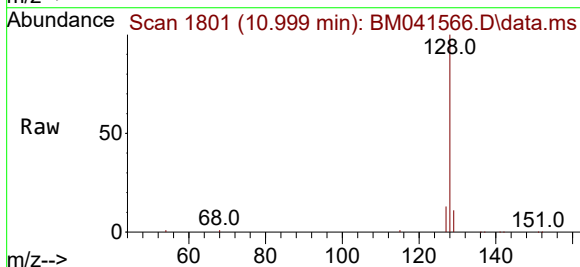
Instrument :
BNA_M
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SSTD0.8011

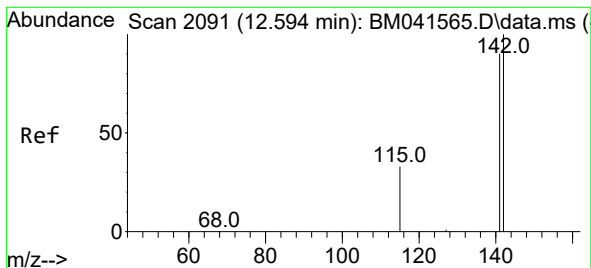
Tgt Ion: 88 Resp: 6729
Ion Ratio Lower Upper
88 100
43 42.7 46.2 69.2#
58 75.1 58.1 87.1



#5
Naphthalene
Concen: 0.784 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

Tgt Ion: 128 Resp: 31450
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.0 10.6 15.8

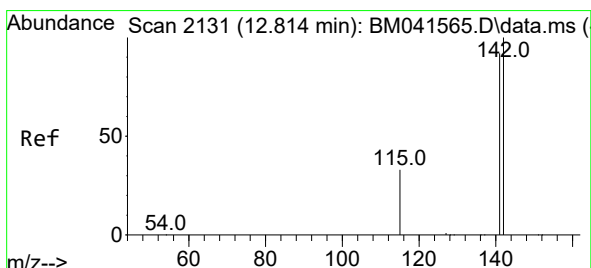
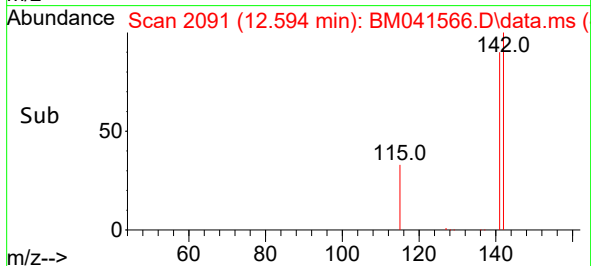
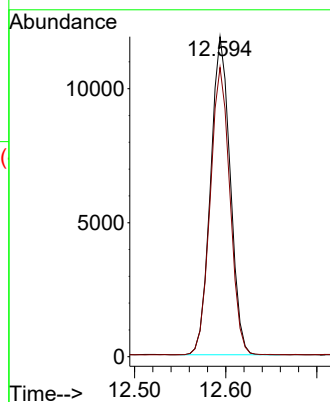
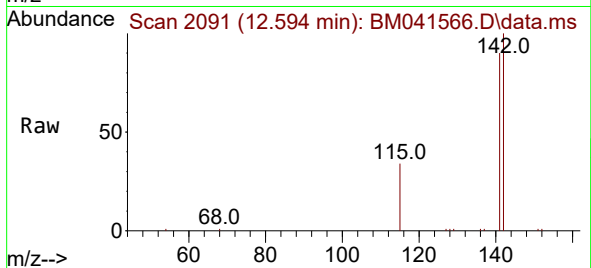




#7
2-Methylnaphthalene
Concen: 0.730 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

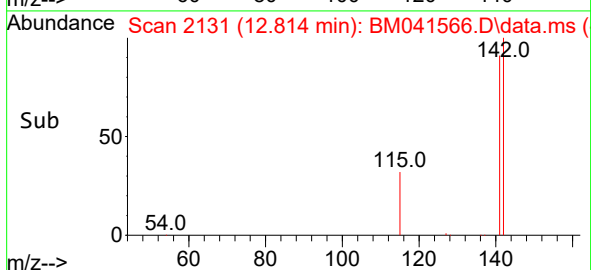
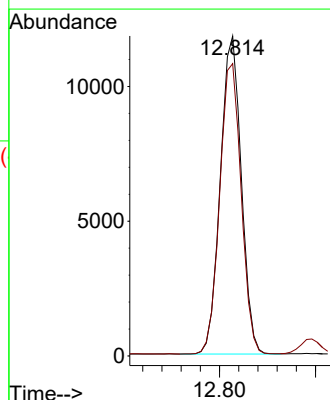
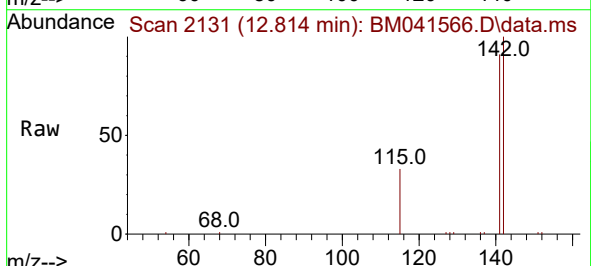
Instrument :
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ClientSampleId :
SSTD0.8011

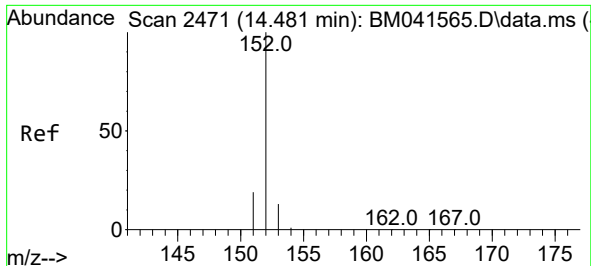
Tgt Ion:142 Resp: 17754
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.728 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

Tgt Ion:142 Resp: 17904
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.2

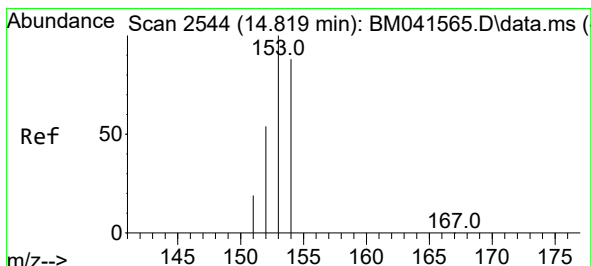
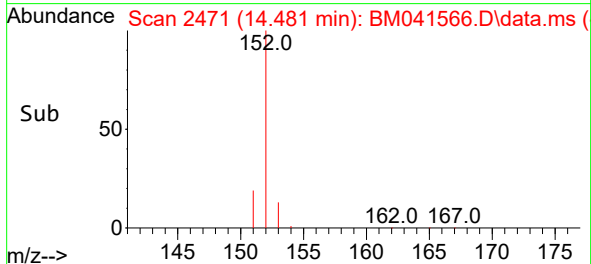
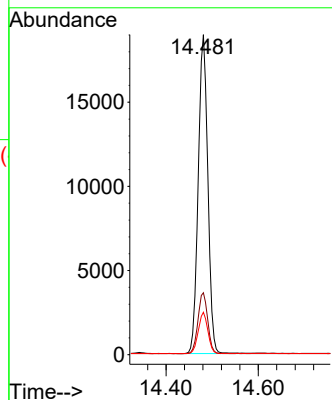
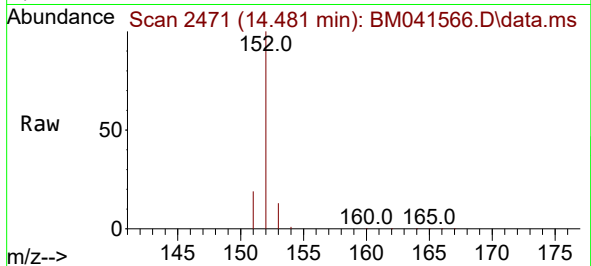




#10
Acenaphthylene
Concen: 0.838 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

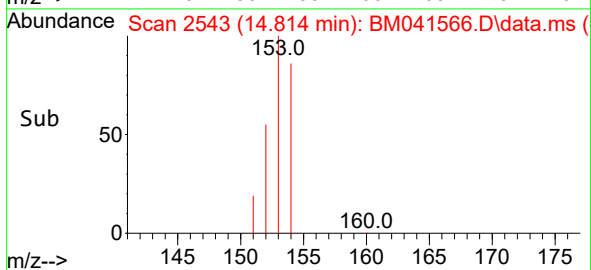
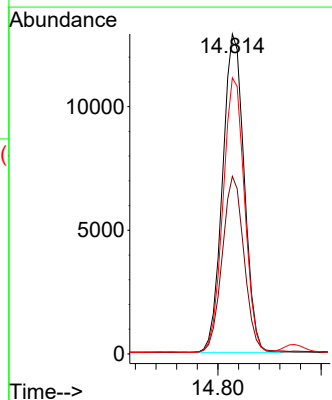
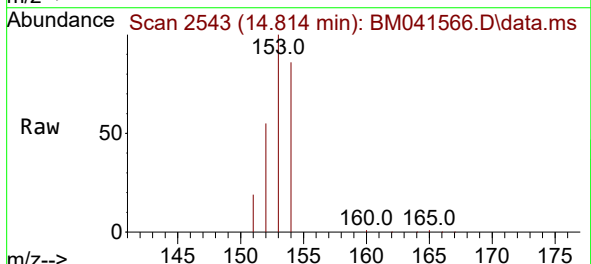
Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

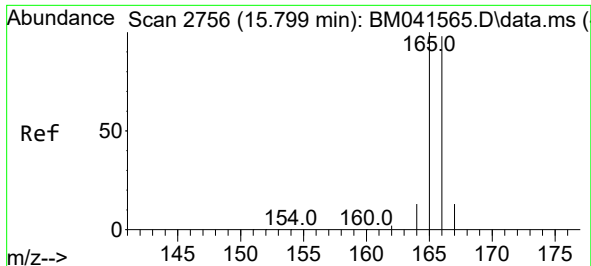
Tgt Ion:152	Resp:	27352
Ion Ratio	Lower	Upper
152	100	
151	19.4	15.9 23.9
153	13.2	10.6 15.8



#11
Acenaphthene
Concen: 0.816 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.005 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

Tgt Ion:153	Resp:	18723
Ion Ratio	Lower	Upper
153	100	
152	55.5	43.4 65.2
154	86.3	70.2 105.2

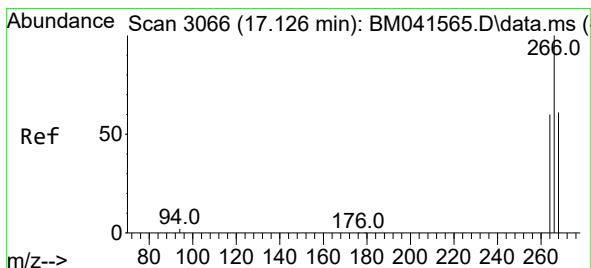
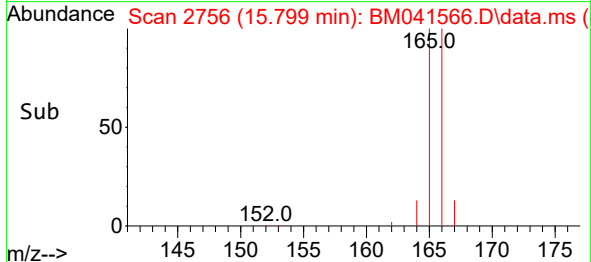
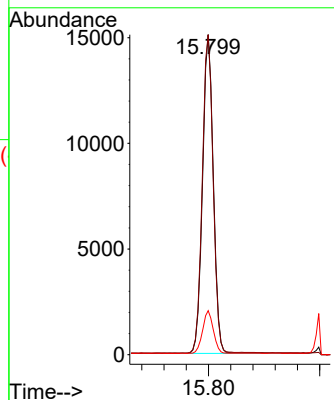
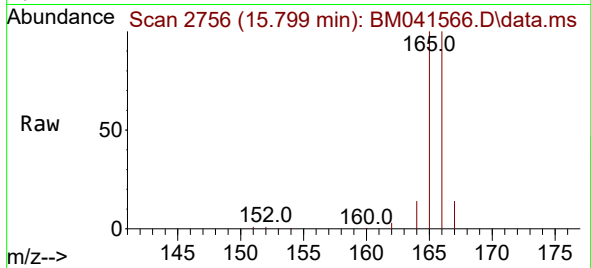




#12
Fluorene
Concen: 0.822 ng/ul
RT: 15.799 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

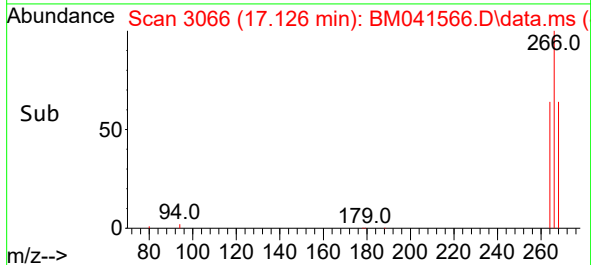
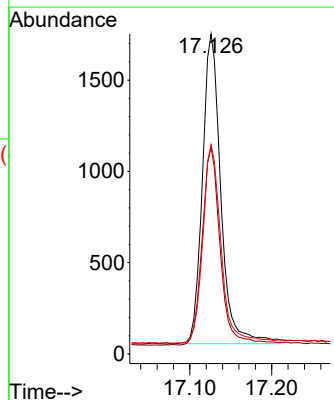
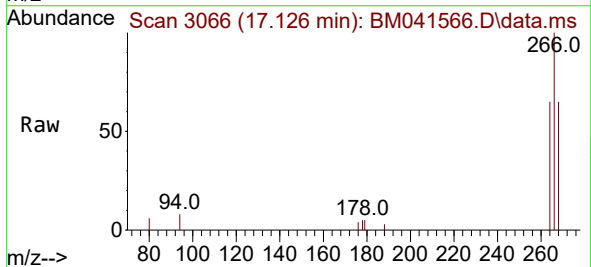
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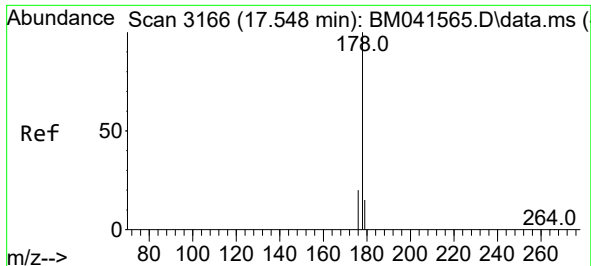
Tgt Ion:166 Resp: 20365
Ion Ratio Lower Upper
166 100
165 100.0 82.2 123.2
167 13.8 11.5 17.3



#14
Pentachlorophenol
Concen: 0.713 ng/ul
RT: 17.126 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

Tgt Ion:266 Resp: 2653
Ion Ratio Lower Upper
266 100
264 62.6 49.3 73.9
268 63.9 50.2 75.4

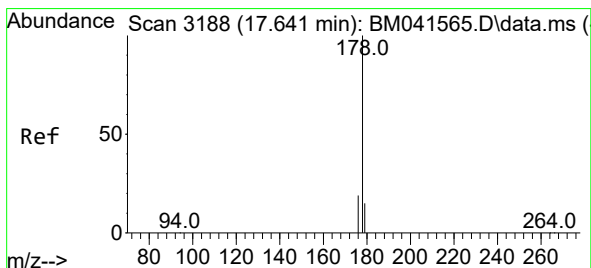
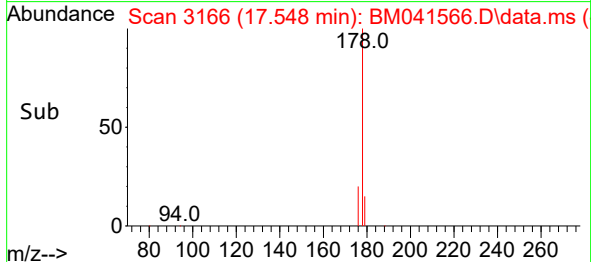
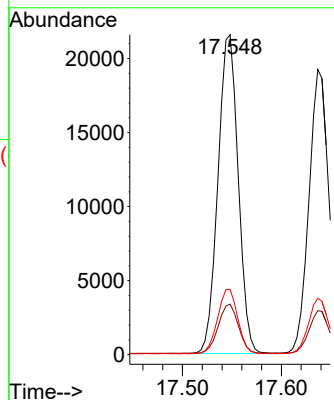
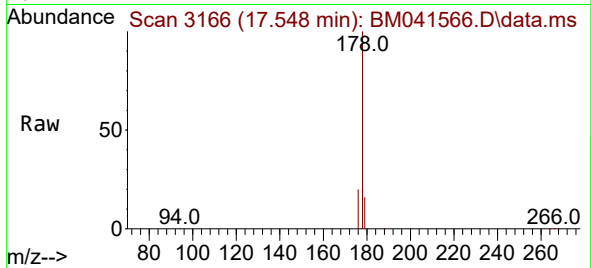




#15
Phenanthrene
Concen: 0.822 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

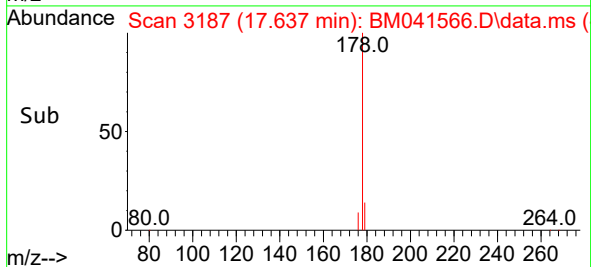
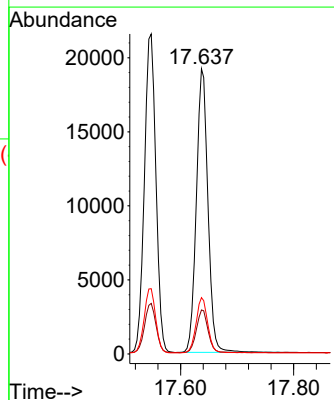
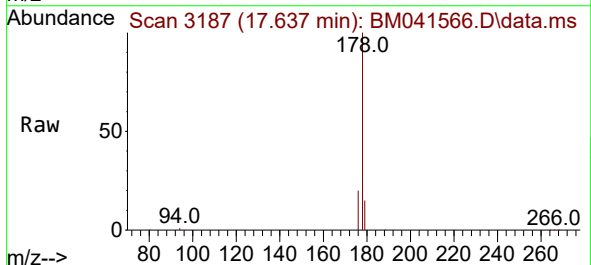
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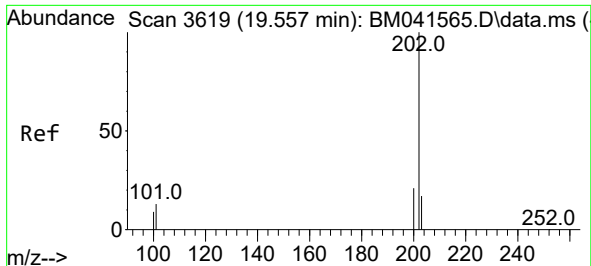
Tgt Ion:178 Resp: 30523
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 20.4 16.2 24.4



#16
Anthracene
Concen: 0.804 ng/ul
RT: 17.637 min Scan# 3187
Delta R.T. -0.004 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

Tgt Ion:178 Resp: 27389
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.7 15.6 23.4

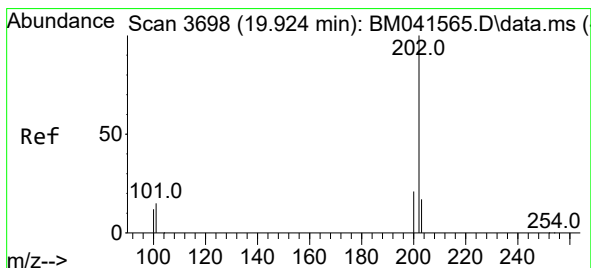
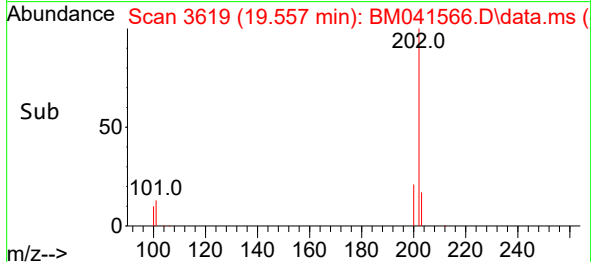
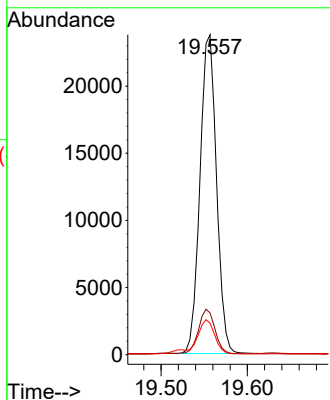
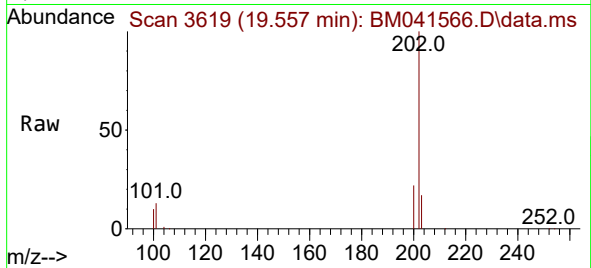




#19
Fluoranthene
Concen: 1.144 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

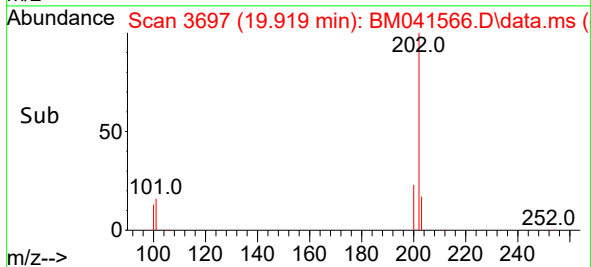
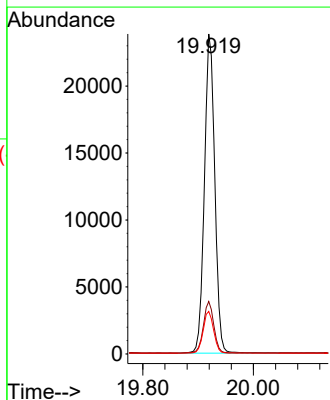
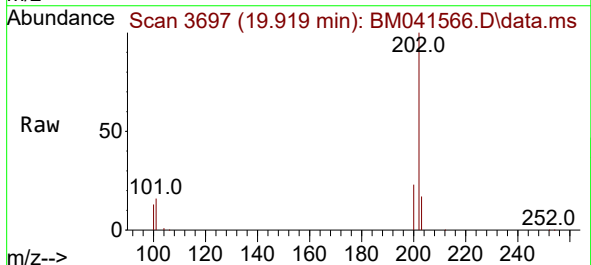
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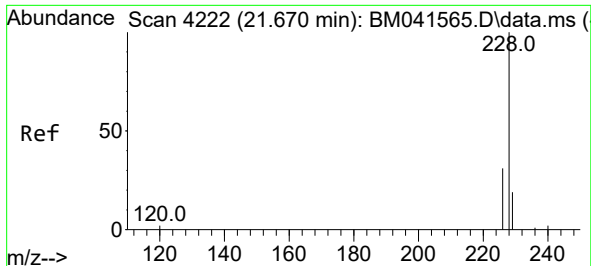
Tgt Ion:202 Resp: 31624
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 9.9 8.1 12.1



#20
Pyrene
Concen: 1.112 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.005 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

Tgt Ion:202 Resp: 31124
Ion Ratio Lower Upper
202 100
101 16.4 12.2 18.4
100 13.3 9.8 14.8

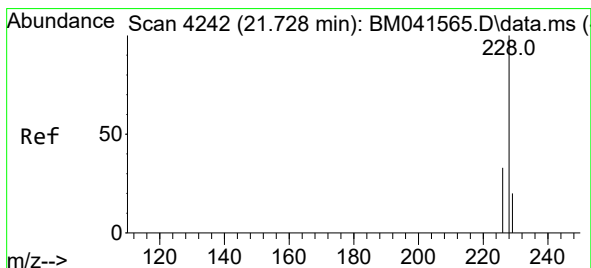
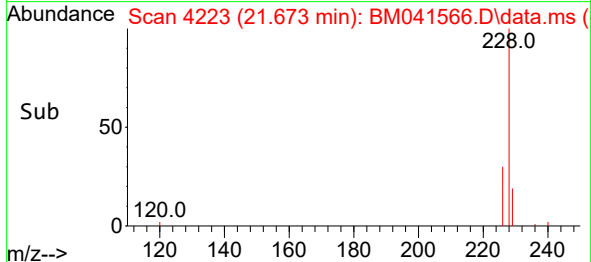
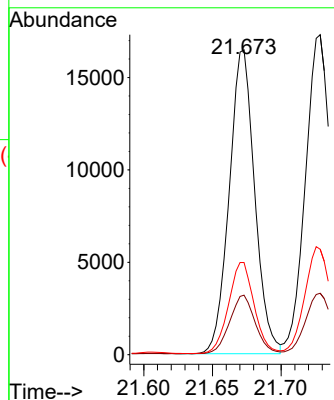
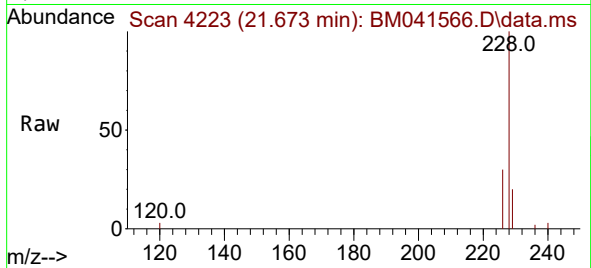




#21
Benzo(a)anthracene
Concen: 1.001 ng/ul
RT: 21.673 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

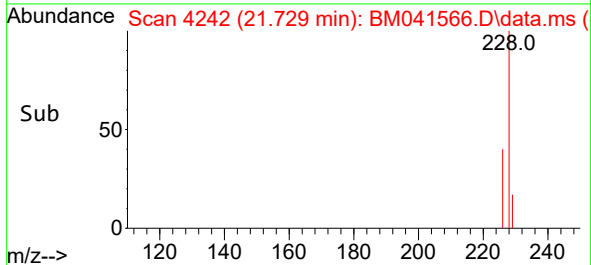
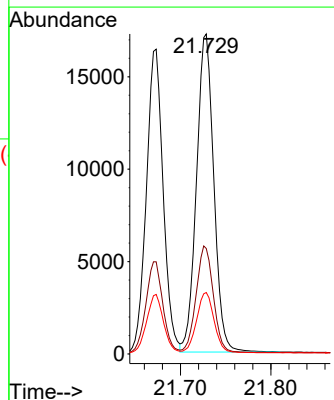
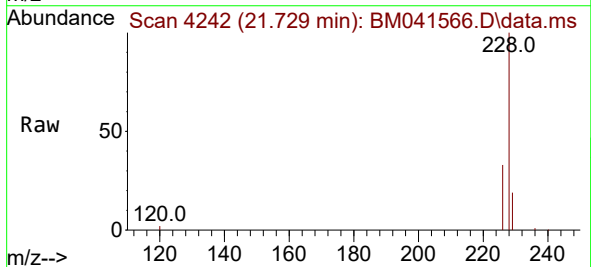
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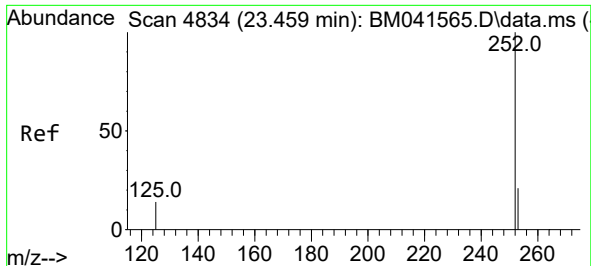
Tgt Ion:	228	Resp:	21296
Ion Ratio	Lower	Upper	
228	100		
229	19.5	15.6	23.4
226	30.2	25.0	37.4



#22
Chrysene
Concen: 1.088 ng/ul
RT: 21.729 min Scan# 4242
Delta R.T. 0.000 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

Tgt Ion:	228	Resp:	22912
Ion Ratio	Lower	Upper	
228	100		
226	33.0	26.7	40.1
229	19.2	15.9	23.9

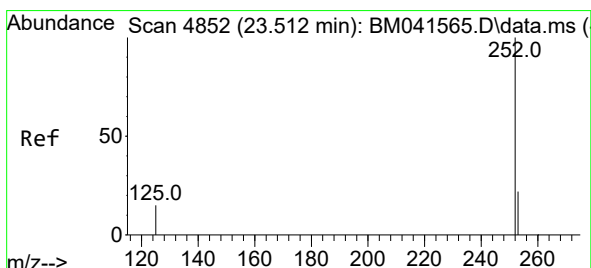
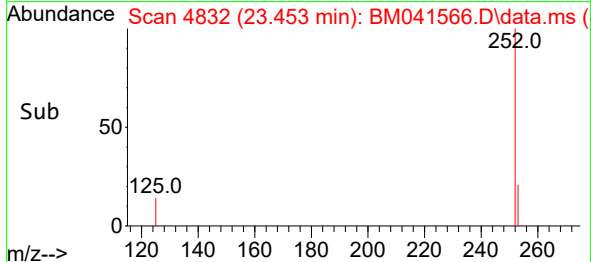
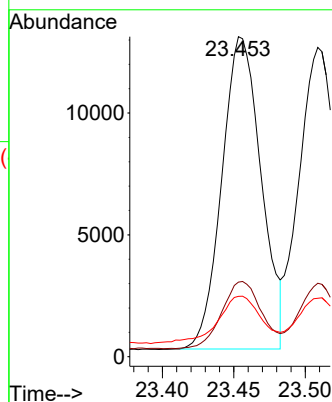
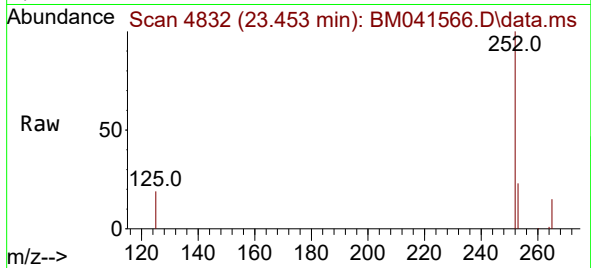




#24
Benzo(b)fluoranthene
Concen: 1.184 ng/ul
RT: 23.453 min Scan# 4832
Delta R.T. -0.006 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

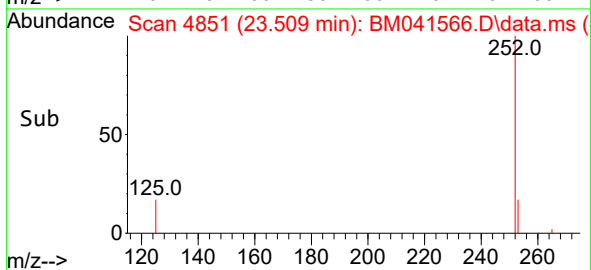
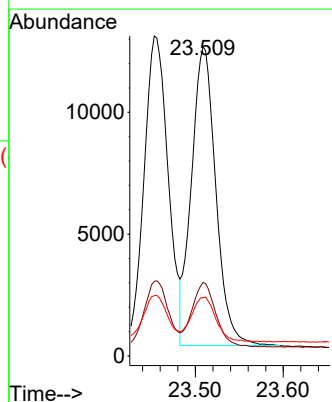
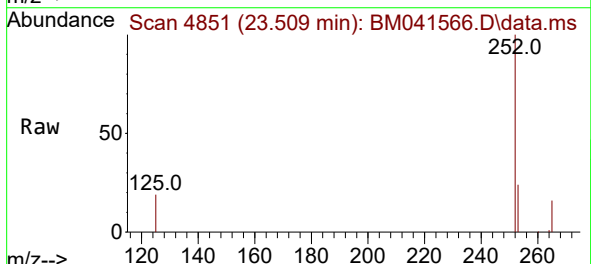
Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

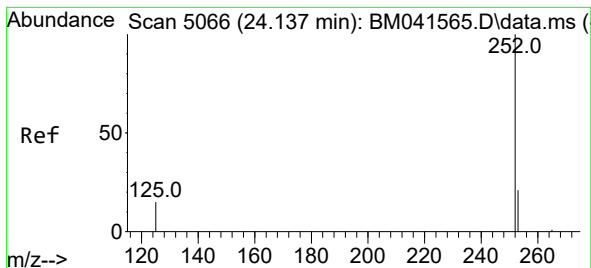
Tgt Ion:252 Resp: 24531
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.0
125 18.9 0.0 44.0



#25
Benzo(k)fluoranthene
Concen: 1.166 ng/ul
RT: 23.509 min Scan# 4851
Delta R.T. -0.003 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

Tgt Ion:252 Resp: 23637
Ion Ratio Lower Upper
252 100
253 23.8 20.2 30.4
125 18.9 18.2 27.4





#26

Benzo(a)pyrene

Concen: 1.156 ng/ul

RT: 24.134 min Scan# 5066

Delta R.T. -0.003 min

Lab File: BM041566.D

Acq: 29 Aug 2023 21:24

Instrument :

BNA_M

ClientSampleId :

SSTD0.8011

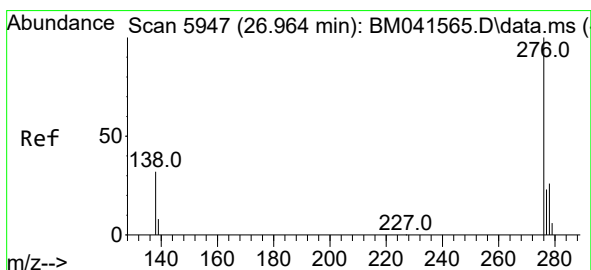
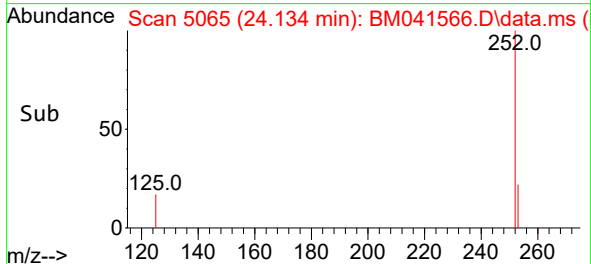
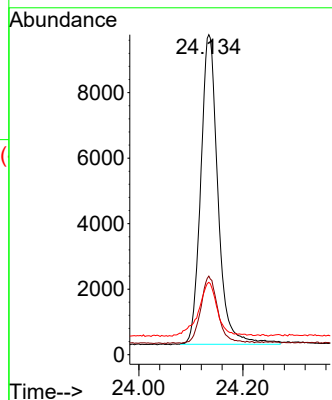
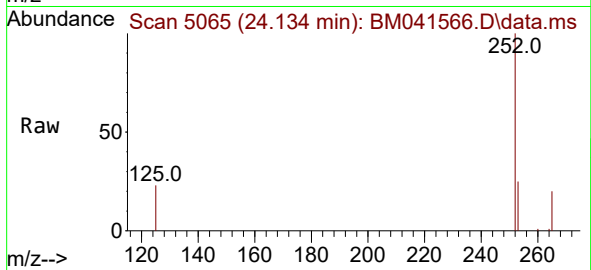
Tgt Ion:252 Resp: 21651

Ion Ratio Lower Upper

252 100

253 24.6 20.9 31.3

125 22.6 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.158 ng/ul

RT: 26.958 min Scan# 5945

Delta R.T. -0.007 min

Lab File: BM041566.D

Acq: 29 Aug 2023 21:24

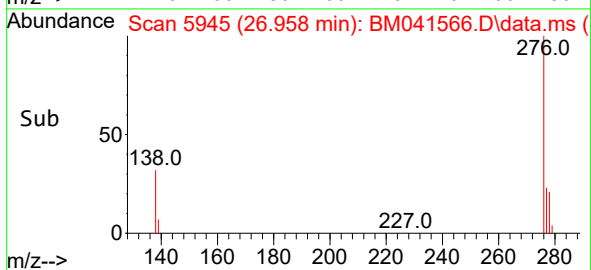
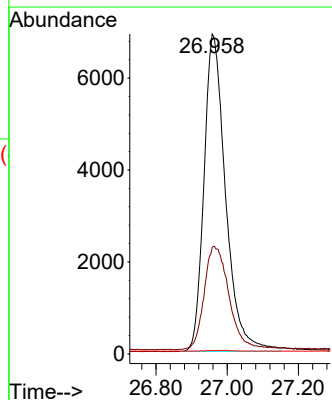
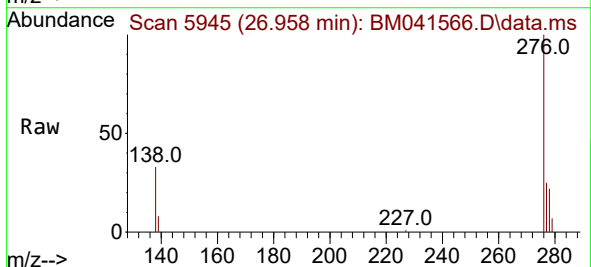
Tgt Ion:276 Resp: 29158

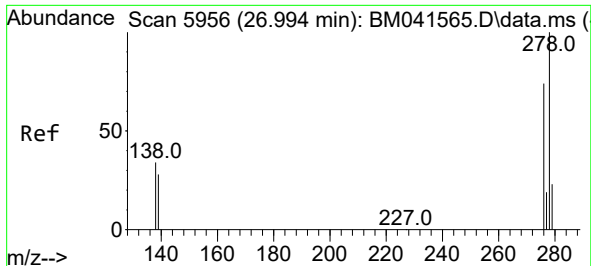
Ion Ratio Lower Upper

276 100

138 37.5 30.3 45.5

227 0.0 0.1 0.1#

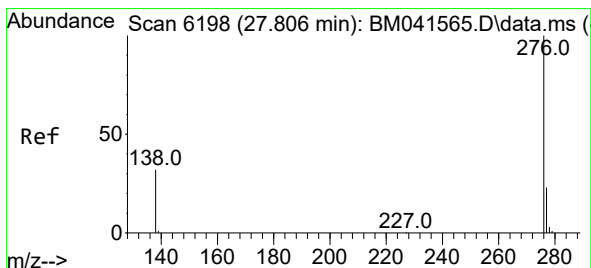
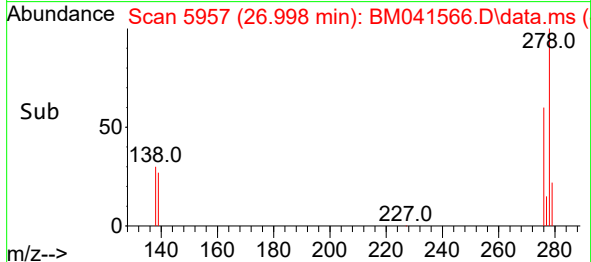
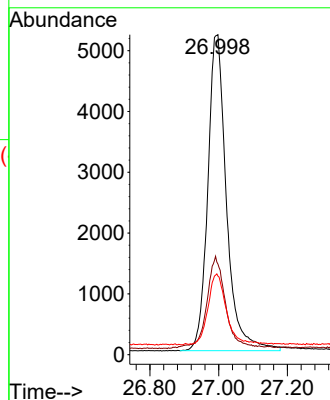
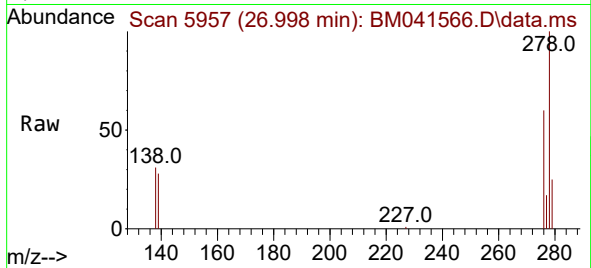




#28
Dibenzo(a,h)anthracene
Concen: 1.085 ng/ul
RT: 26.998 min Scan# 5957
Delta R.T. 0.003 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:278 Resp: 19650
Ion Ratio Lower Upper
278 100
139 28.3 25.0 37.4
279 24.5 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 1.158 ng/ul
RT: 27.803 min Scan# 6197
Delta R.T. -0.003 min
Lab File: BM041566.D
Acq: 29 Aug 2023 21:24

Tgt Ion:276 Resp: 24419
Ion Ratio Lower Upper
276 100
138 33.1 27.4 41.0
277 23.7 20.4 30.6

