

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041567.D
 Acq On : 29 Aug 2023 22:01
 Operator : MA/JU
 Sample : SSTD1.622
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6012

Quant Time: Aug 30 01:43:06 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

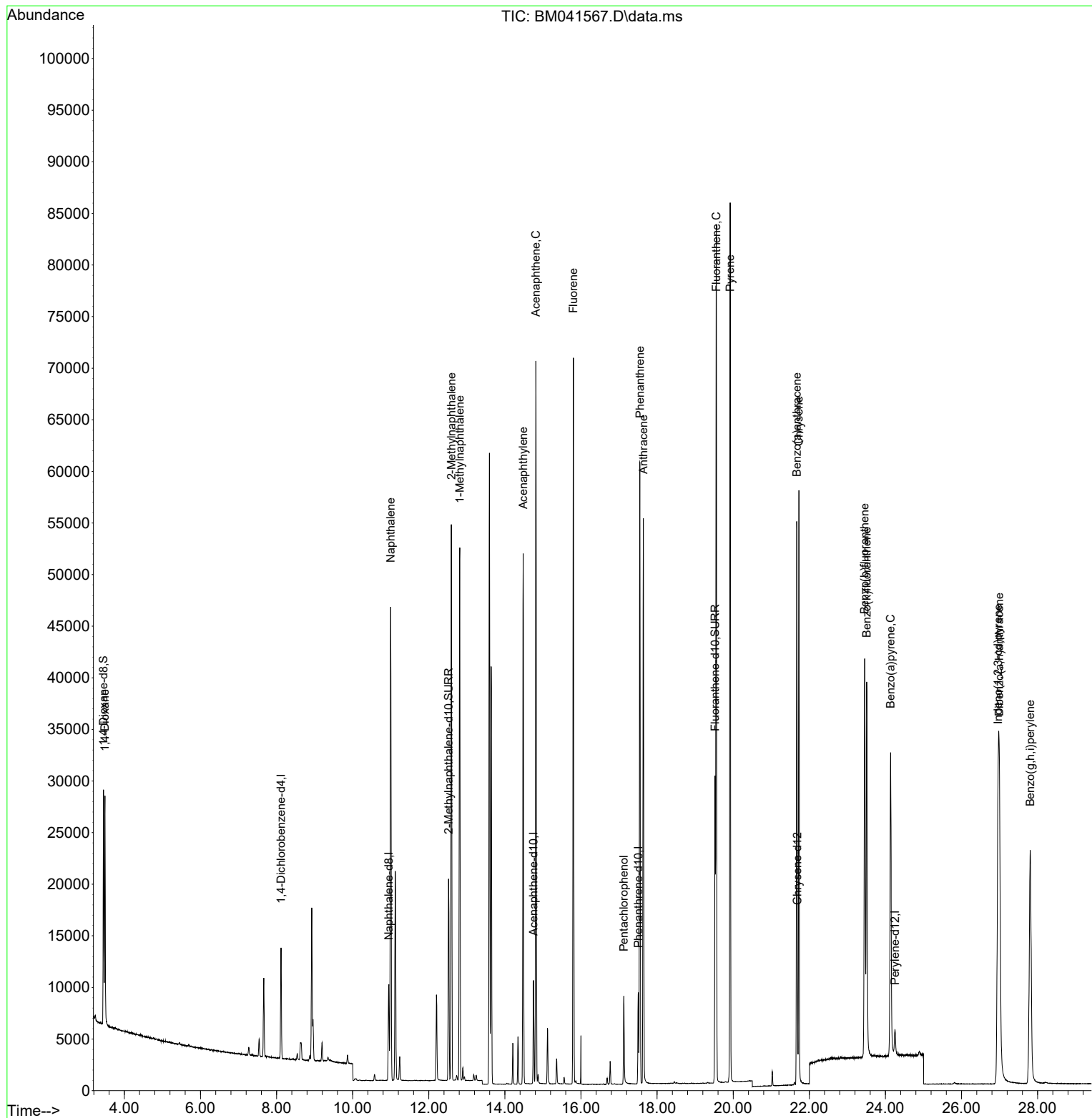
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	5343	0.400	ng/ul	0.00
4) Naphthalene-d8	10.949	136	12191	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	4931	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	9063	0.400	ng/ul	0.00
17) Chrysene-d12	21.688	240	3240	0.400	ng/ul	0.00
23) Perylene-d12	24.251	264	3435	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	12409	1.868	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	23287	1.447	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	24492	1.847	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.490	88	13101	1.903	ng/ul#	86
5) Naphthalene	10.999	128	61371	1.574	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	35162	1.487	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	35338	1.479	ng/ul	100
10) Acenaphthylene	14.481	152	55339	1.701	ng/ul	99
11) Acenaphthene	14.814	153	37984	1.662	ng/ul	98
12) Fluorene	15.799	166	41994	1.701	ng/ul	98
14) Pentachlorophenol	17.126	266	5676	1.523	ng/ul	99
15) Phenanthrene	17.548	178	62555	1.682	ng/ul	99
16) Anthracene	17.637	178	57566	1.686	ng/ul	99
19) Fluoranthene	19.557	202	67534	2.250	ng/ul	99
20) Pyrene	19.919	202	66365	2.185	ng/ul	97
21) Benzo(a)anthracene	21.670	228	46955	2.034	ng/ul	99
22) Chrysene	21.726	228	49605	2.169	ng/ul	99
24) Benzo(b)fluoranthene	23.456	252	52286	2.394	ng/ul	92
25) Benzo(k)fluoranthene	23.509	252	51404	2.407	ng/ul#	91
26) Benzo(a)pyrene	24.134	252	47263	2.394	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.961	276	64395	2.427	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.994	278	43756	2.293	ng/ul	94
29) Benzo(g,h,i)perylene	27.806	276	53151	2.392	ng/ul	96

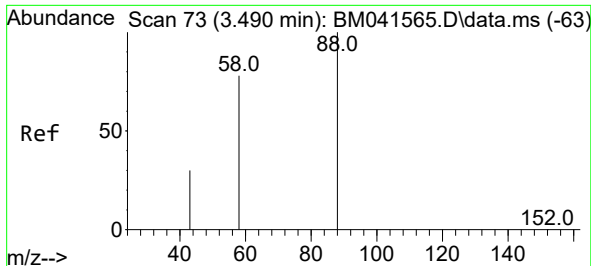
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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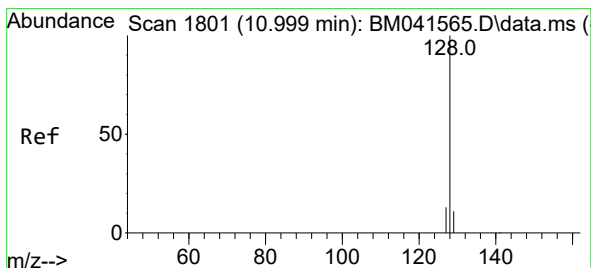
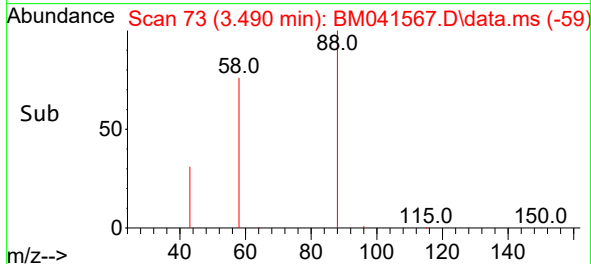
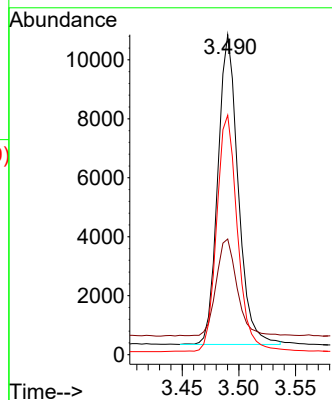
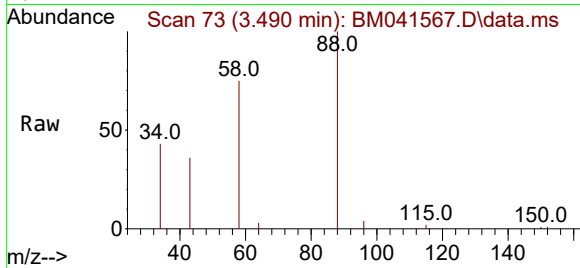




#2
1,4-Dioxane
Concen: 1.903 ng/ul
RT: 3.490 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

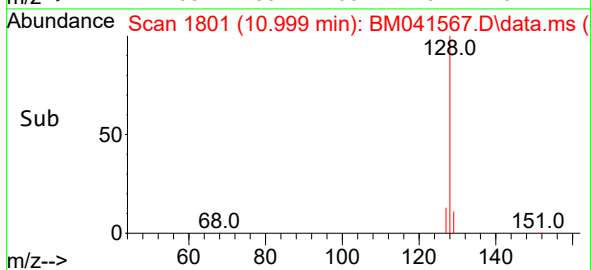
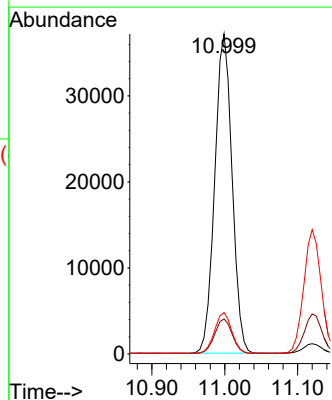
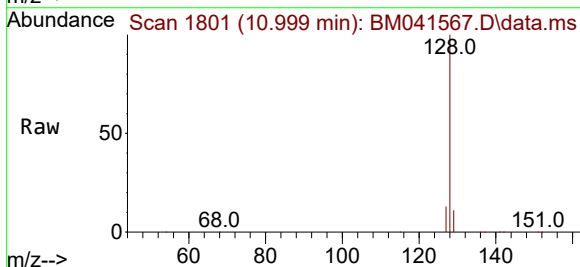
Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

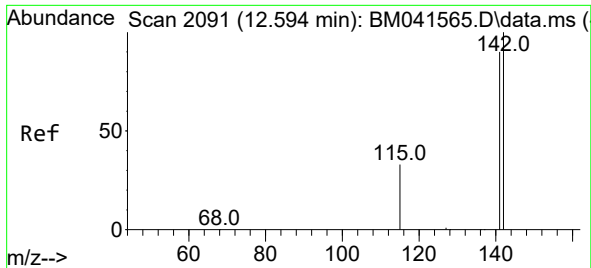
Tgt Ion: 88 Resp: 13101
Ion Ratio Lower Upper
88 100
43 36.2 46.2 69.2#
58 74.8 58.1 87.1



#5
Naphthalene
Concen: 1.574 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

Tgt Ion: 128 Resp: 61371
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 12.9 10.6 15.8

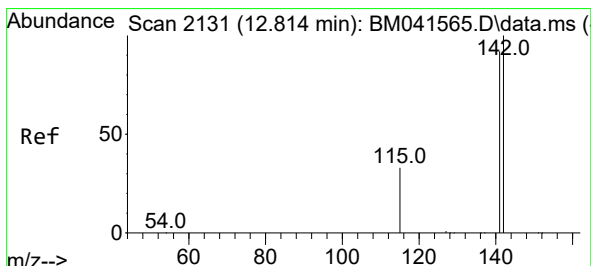
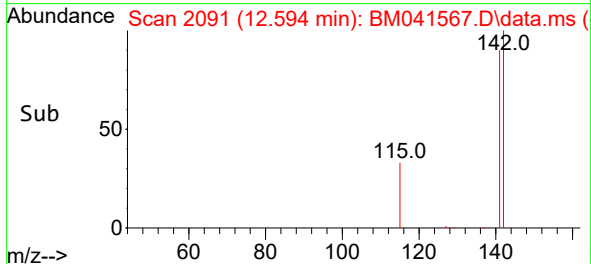
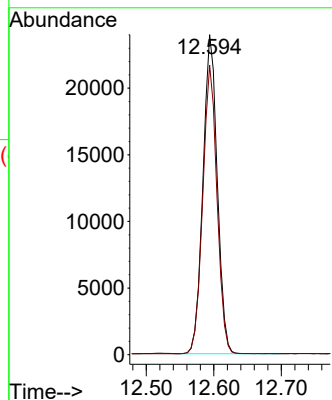
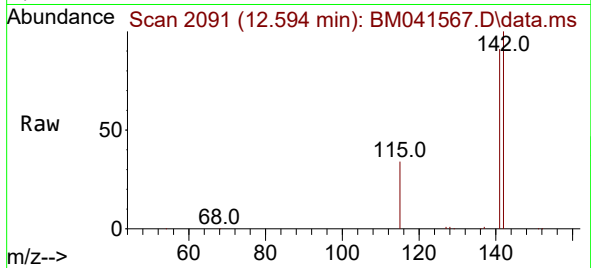




#7
2-Methylnaphthalene
Concen: 1.487 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

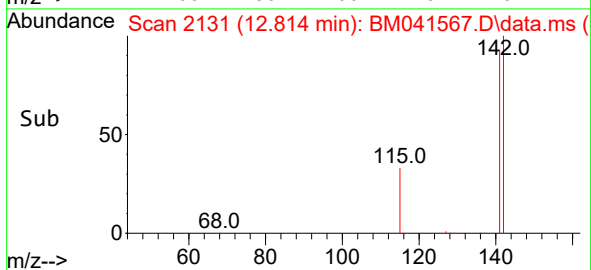
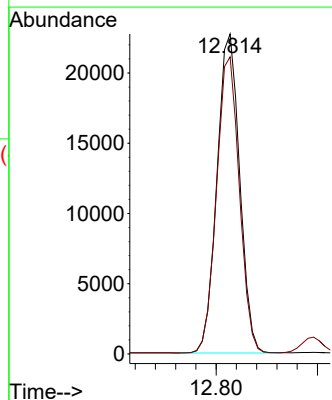
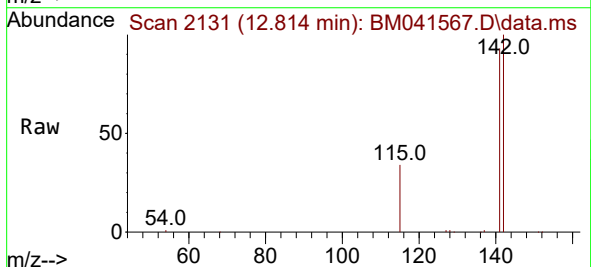
Instrument :
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ClientSampleId :
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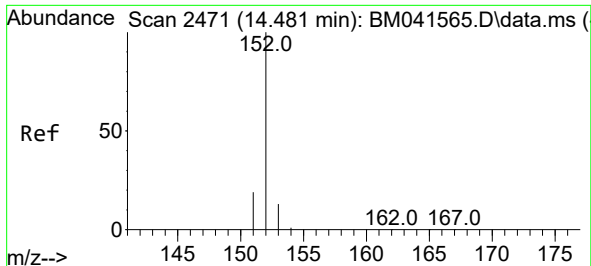
Tgt Ion:142 Resp: 35162
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.8



#8
1-Methylnaphthalene
Concen: 1.479 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

Tgt Ion:142 Resp: 35338
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.2

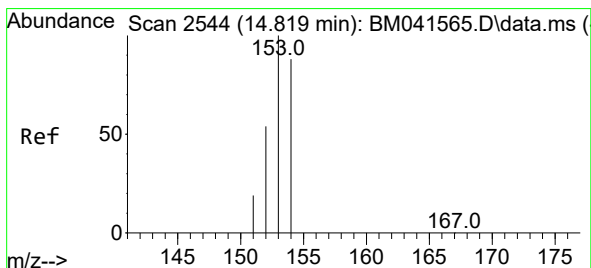
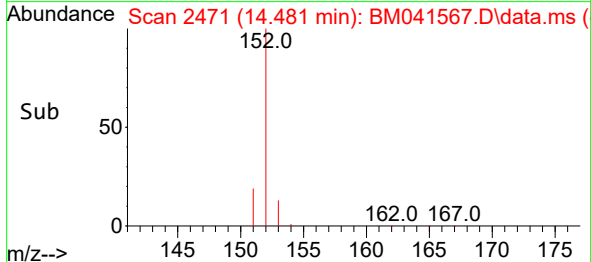
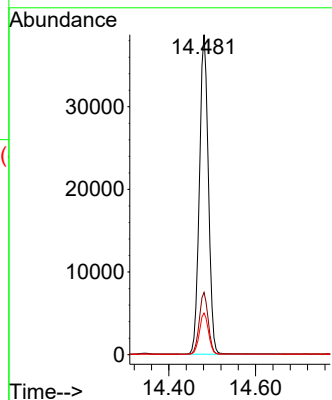
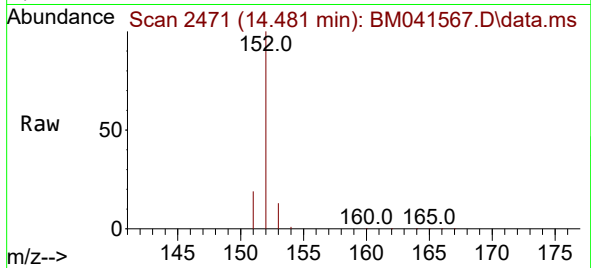




#10
Acenaphthylene
Concen: 1.701 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

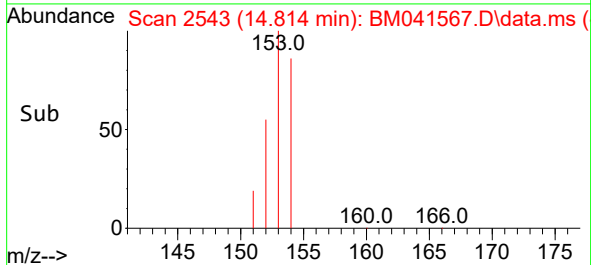
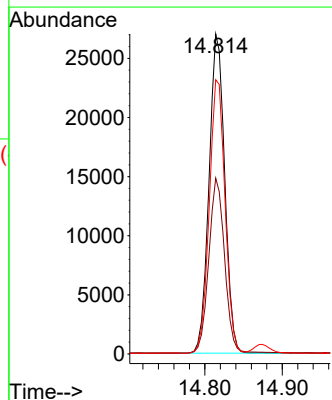
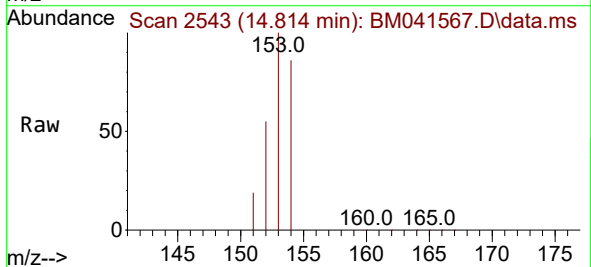
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ClientSampleId :
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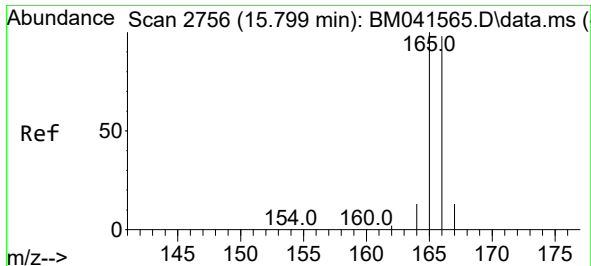
Tgt Ion:152 Resp: 55339
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.0 10.6 15.8



#11
Acenaphthene
Concen: 1.662 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.005 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

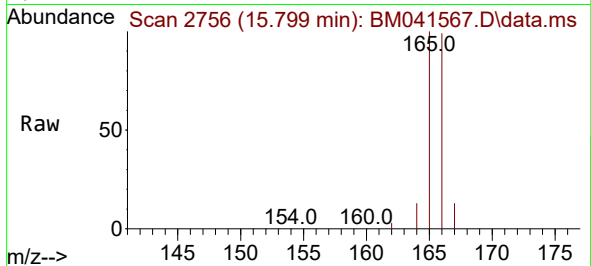
Tgt Ion:153 Resp: 37984
Ion Ratio Lower Upper
153 100
152 55.0 43.4 65.2
154 85.7 70.2 105.2



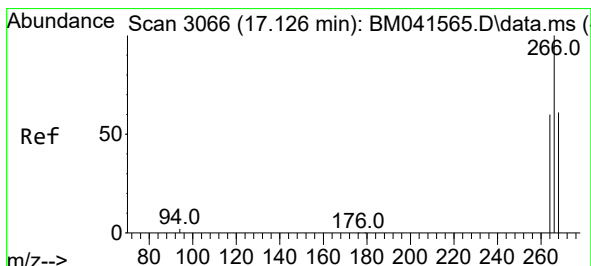
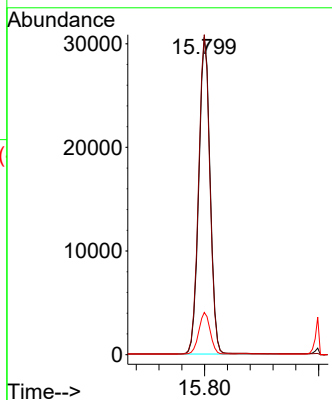


#12
Fluorene
Concen: 1.701 ng/ul
RT: 15.799 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

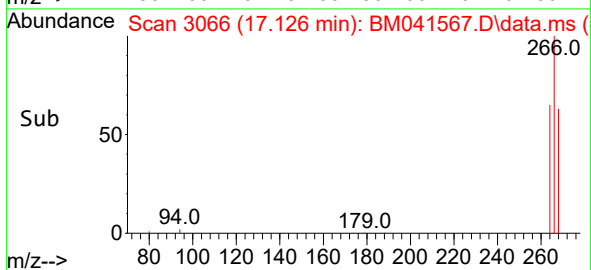
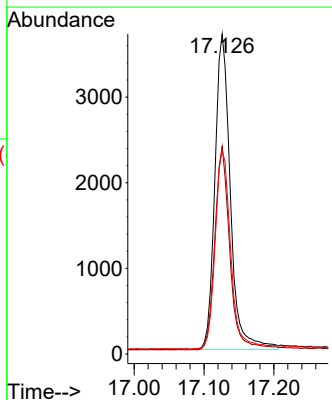
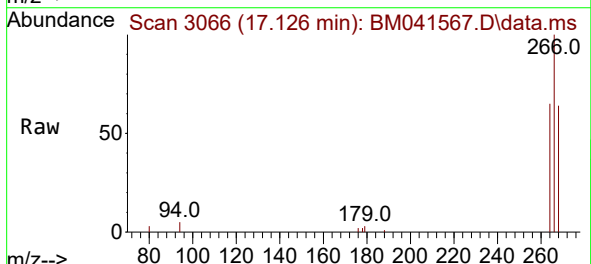


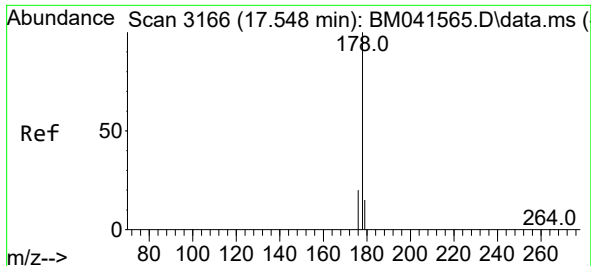
Tgt Ion:166 Resp: 41994
Ion Ratio Lower Upper
166 100
165 100.8 82.2 123.2
167 13.3 11.5 17.3



#14
Pentachlorophenol
Concen: 1.523 ng/ul
RT: 17.126 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

Tgt Ion:266 Resp: 5676
Ion Ratio Lower Upper
266 100
264 62.6 49.3 73.9
268 63.9 50.2 75.4

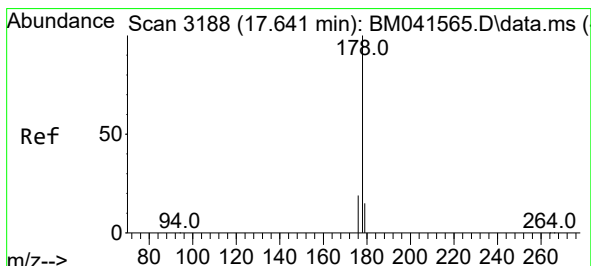
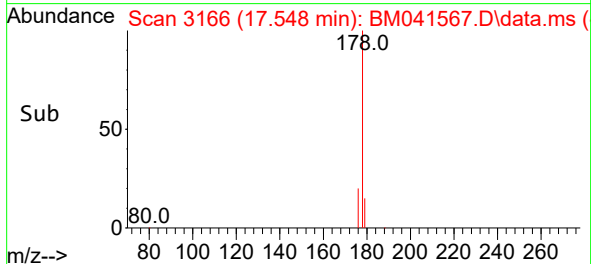
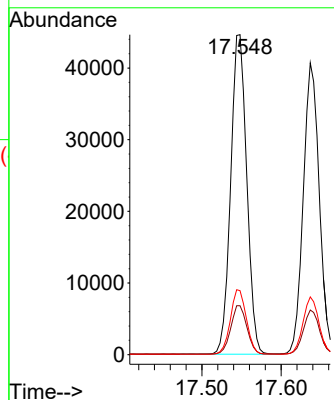
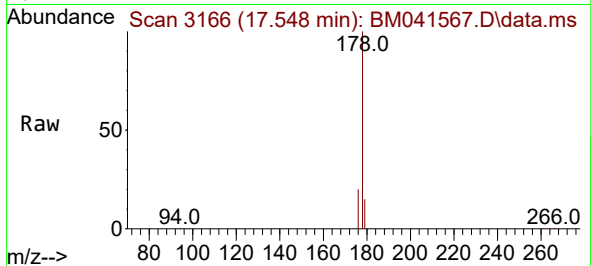




#15
Phenanthrene
Concen: 1.682 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

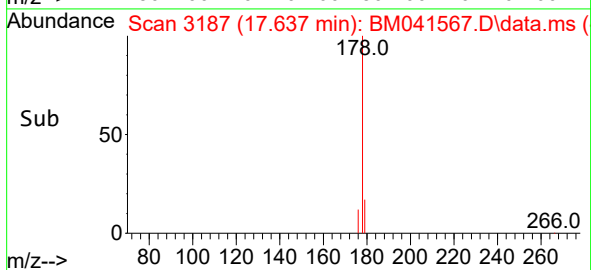
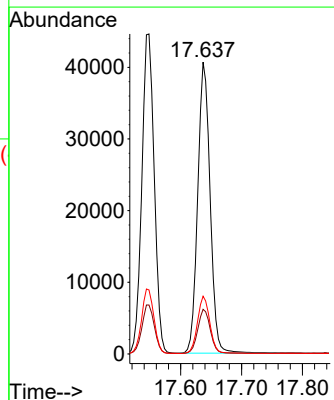
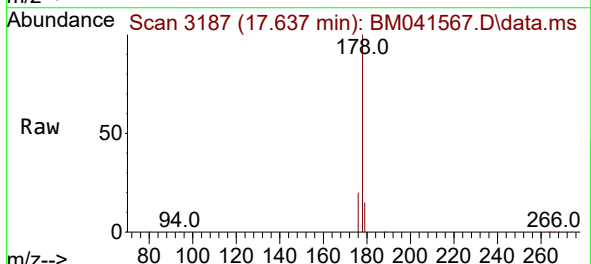
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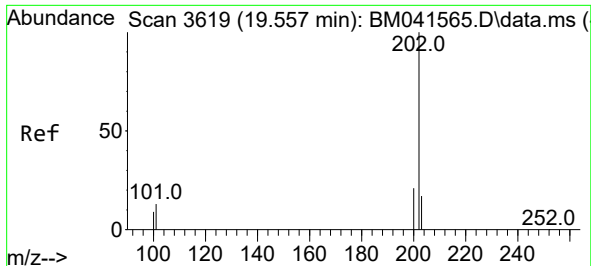
Tgt Ion:178 Resp: 62555
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 20.0 16.2 24.4



#16
Anthracene
Concen: 1.686 ng/ul
RT: 17.637 min Scan# 3187
Delta R.T. -0.004 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

Tgt Ion:178 Resp: 57566
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.8 15.6 23.4

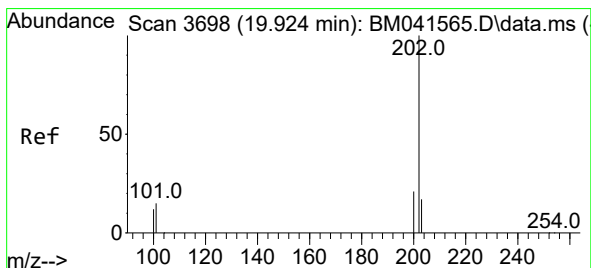
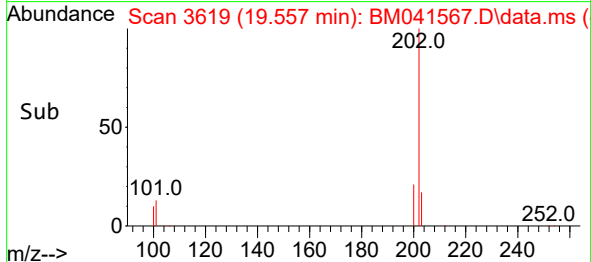
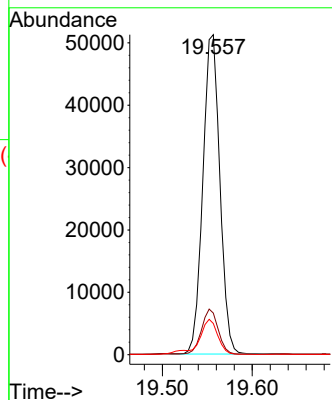
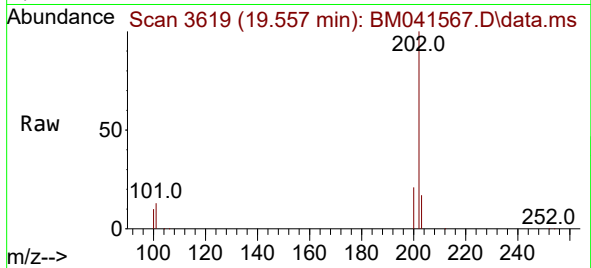




#19
Fluoranthene
Concen: 2.250 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

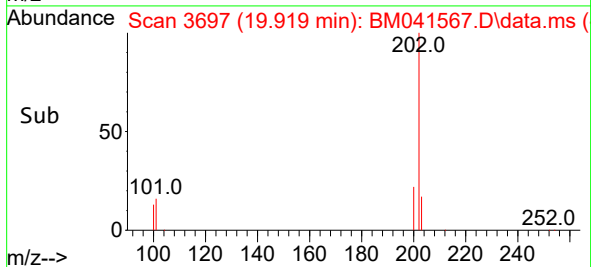
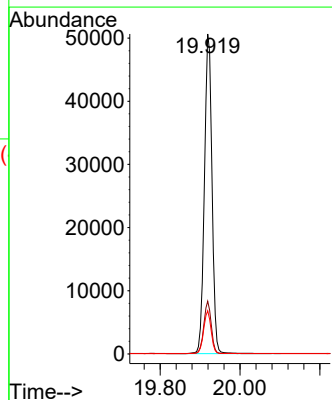
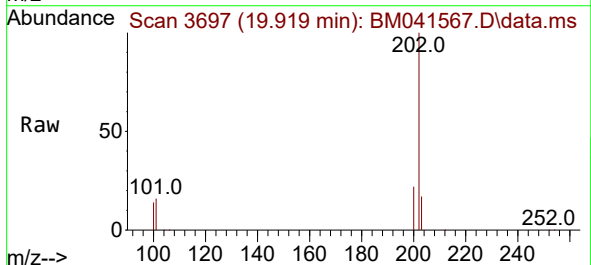
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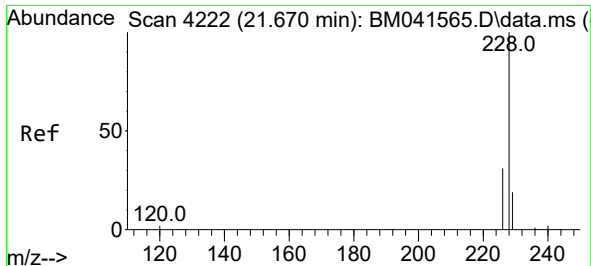
Tgt Ion:202 Resp: 67534
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 9.8 8.1 12.1



#20
Pyrene
Concen: 2.185 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.005 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

Tgt Ion:202 Resp: 66365
Ion Ratio Lower Upper
202 100
101 16.5 12.2 18.4
100 13.5 9.8 14.8

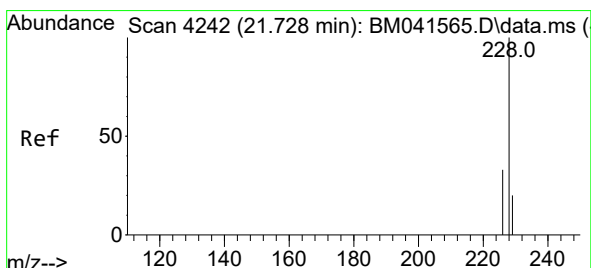
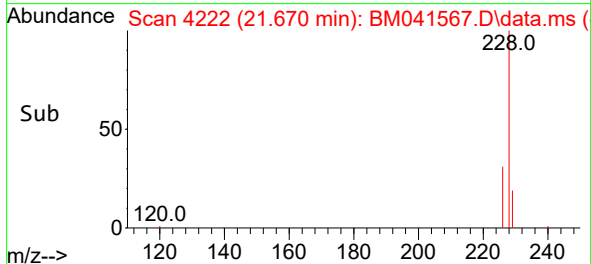
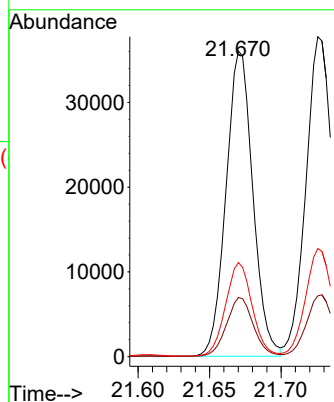
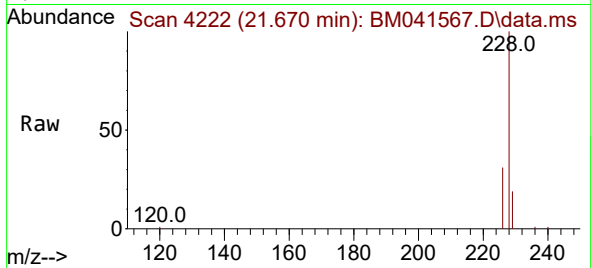




#21
Benzo(a)anthracene
Concen: 2.034 ng/ul
RT: 21.670 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

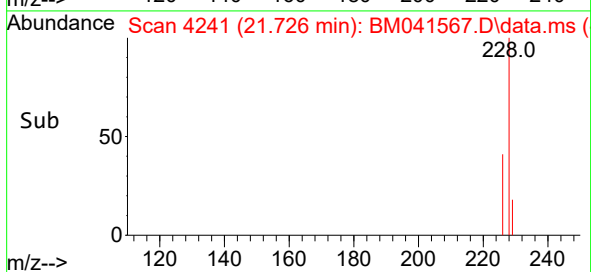
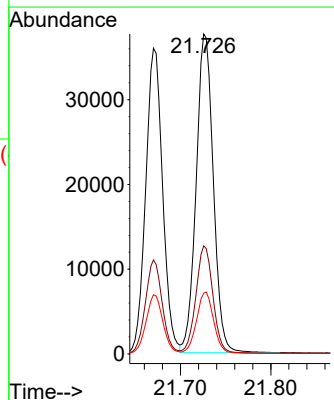
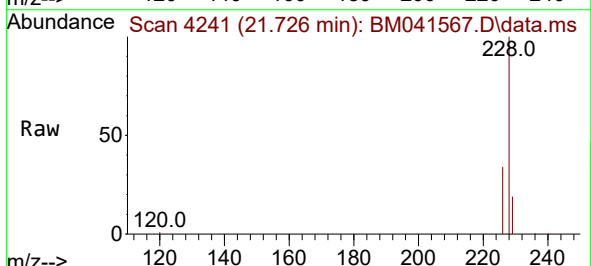
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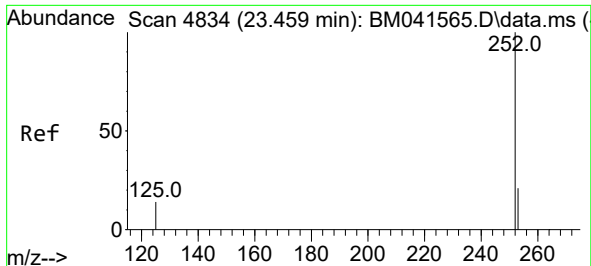
Tgt Ion:228 Resp: 46955
Ion Ratio Lower Upper
228 100
229 19.4 15.6 23.4
226 30.8 25.0 37.4



#22
Chrysene
Concen: 2.169 ng/ul
RT: 21.726 min Scan# 4241
Delta R.T. -0.003 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

Tgt Ion:228 Resp: 49605
Ion Ratio Lower Upper
228 100
226 33.8 26.7 40.1
229 19.0 15.9 23.9

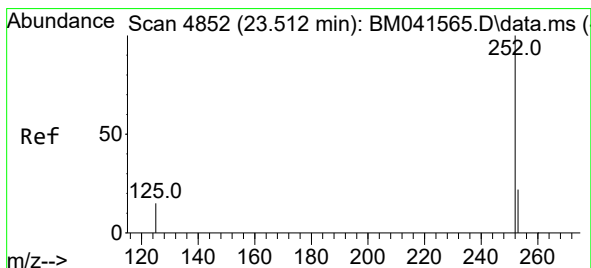
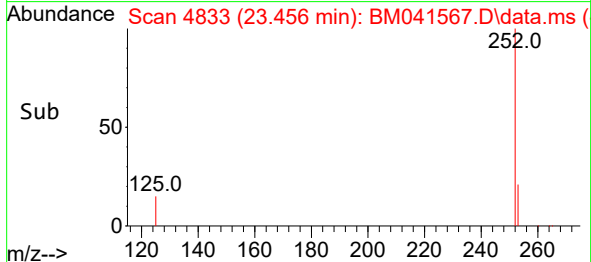
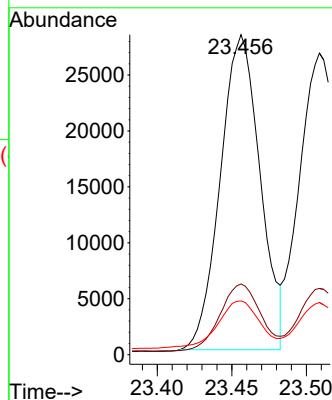
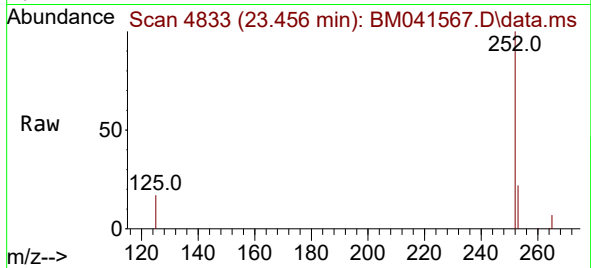




#24
Benzo(b)fluoranthene
Concen: 2.394 ng/ul
RT: 23.456 min Scan# 4833
Delta R.T. -0.003 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

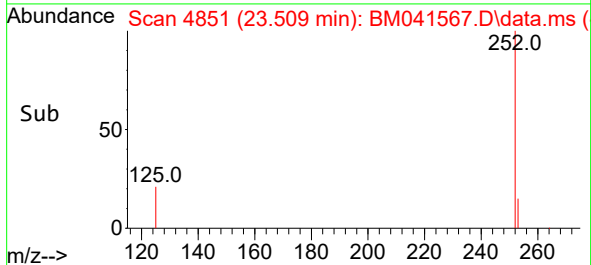
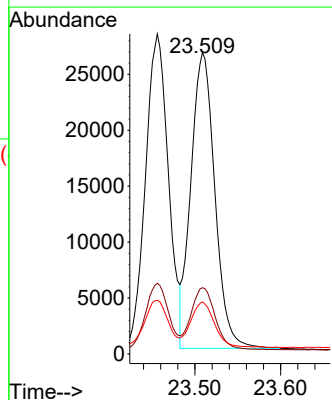
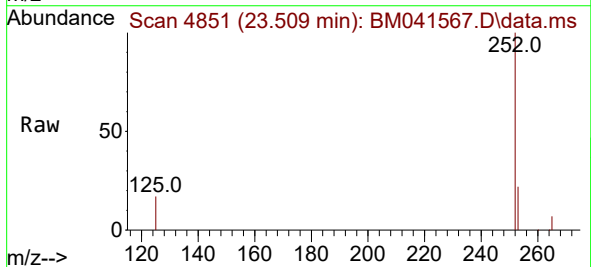
Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

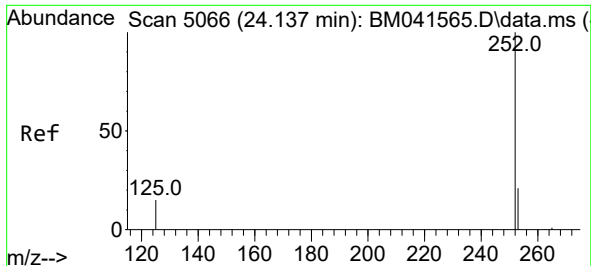
Tgt Ion:252 Resp: 52286
Ion Ratio Lower Upper
252 100
253 22.1 0.0 50.0
125 16.8 0.0 44.0



#25
Benzo(k)fluoranthene
Concen: 2.407 ng/ul
RT: 23.509 min Scan# 4851
Delta R.T. -0.003 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

Tgt Ion:252 Resp: 51404
Ion Ratio Lower Upper
252 100
253 22.0 20.2 30.4
125 17.3 18.2 27.4#

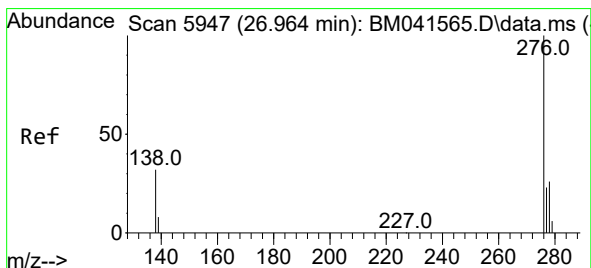
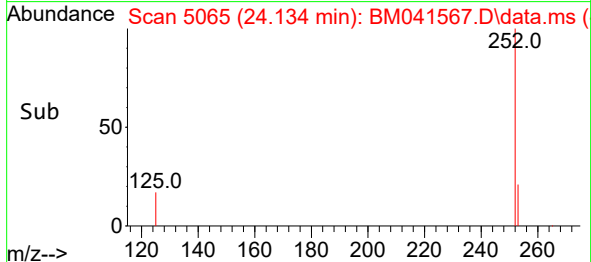
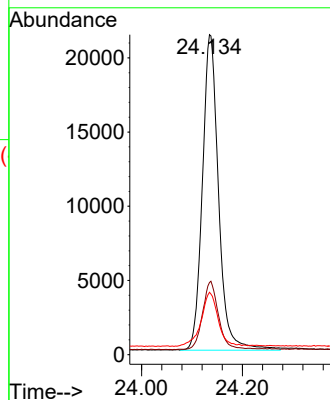
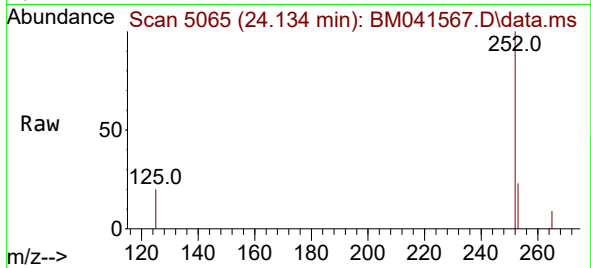




#26
Benzo(a)pyrene
Concen: 2.394 ng/ul
RT: 24.134 min Scan# 5066
Delta R.T. -0.003 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

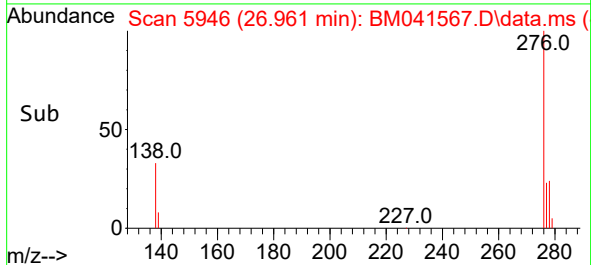
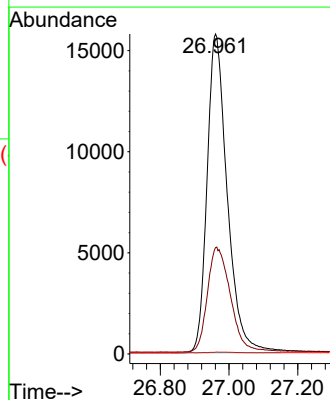
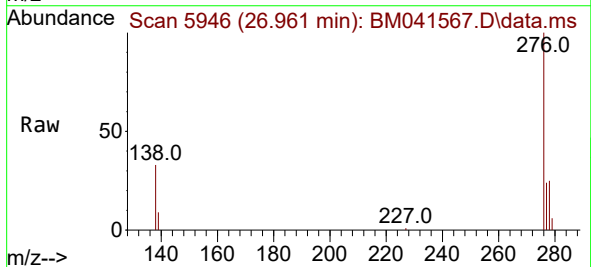
Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

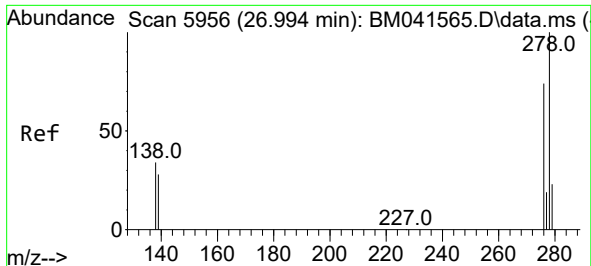
Tgt Ion:252 Resp: 47263
Ion Ratio Lower Upper
252 100
253 22.6 20.9 31.3
125 19.5 21.1 31.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.427 ng/ul
RT: 26.961 min Scan# 5946
Delta R.T. -0.003 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

Tgt Ion:276 Resp: 64395
Ion Ratio Lower Upper
276 100
138 37.6 30.3 45.5
227 0.3 0.1 0.1#

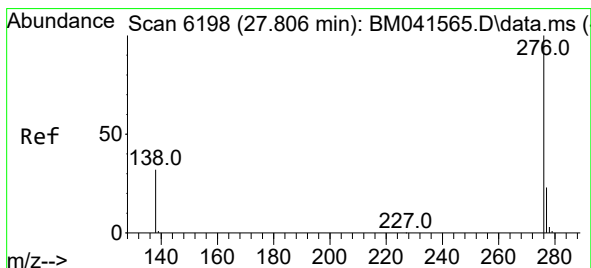
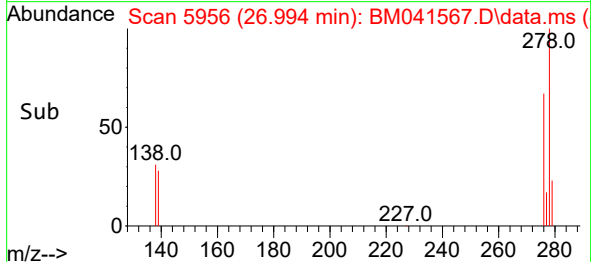
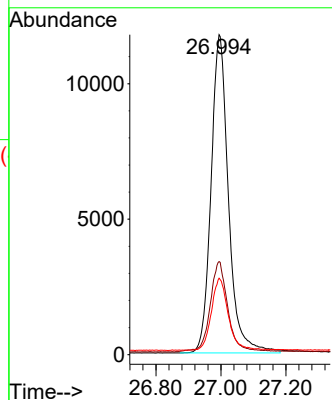
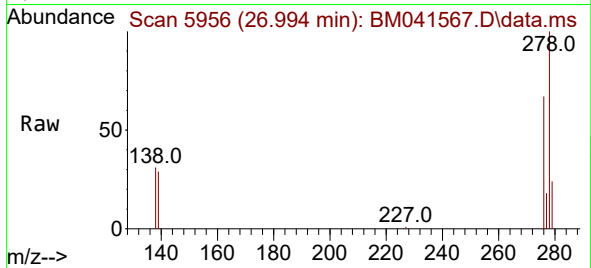




#28
Dibenzo(a,h)anthracene
Concen: 2.293 ng/ul
RT: 26.994 min Scan# 5956
Delta R.T. 0.000 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Tgt Ion:278 Resp: 43756
Ion Ratio Lower Upper
278 100
139 29.1 25.0 37.4
279 23.9 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 2.392 ng/ul
RT: 27.806 min Scan# 6198
Delta R.T. 0.000 min
Lab File: BM041567.D
Acq: 29 Aug 2023 22:01

Tgt Ion:276 Resp: 53151
Ion Ratio Lower Upper
276 100
138 32.4 27.4 41.0
277 23.3 20.4 30.6

