

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043468.D
 Acq On : 20 Dec 2023 17:41
 Operator : MA/JU
 Sample : PB157763BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS763

Quant Time: Dec 20 23:14:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

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

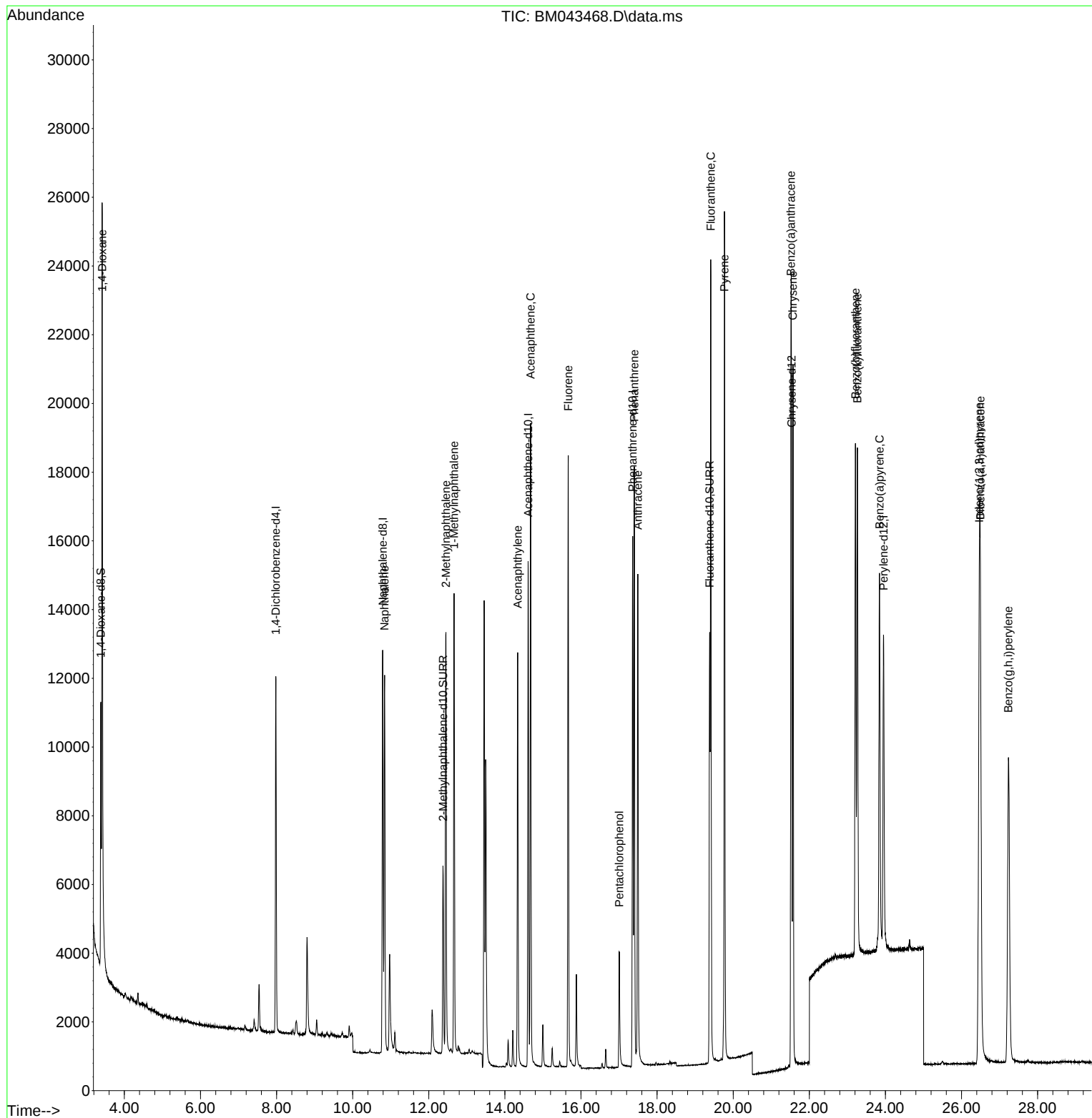
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.983	152	5407	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	16504	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	8619	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	17986	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	12150	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	13732	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	5075	0.743	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	7820	0.334	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	13743	0.317	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.418	88	14422	2.105	ng/ul#	87
5) Naphthalene	10.839	128	15609	0.315	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	9669	0.302	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	9519	0.296	ng/ul	99
10) Acenaphthylene	14.338	152	14850	0.313	ng/ul	99
11) Acenaphthene	14.675	153	10938	0.317	ng/ul	99
12) Fluorene	15.665	166	12035	0.308	ng/ul	99
14) Pentachlorophenol	17.003	266	2830	0.710	ng/ul	98
15) Phenanthrene	17.400	178	19639	0.327	ng/ul	99
16) Anthracene	17.493	178	17803	0.327	ng/ul	99
19) Fluoranthene	19.413	202	20336	0.297	ng/ul	96
20) Pyrene	19.770	202	21053	0.309	ng/ul	94
21) Benzo(a)anthracene	21.518	228	18039	0.338	ng/ul	99
22) Chrysene	21.571	228	18910	0.336	ng/ul	100
24) Benzo(b)fluoranthene	23.213	252	19880	0.319	ng/ul	93
25) Benzo(k)fluoranthene	23.263	252	21062	0.326	ng/ul#	92
26) Benzo(a)pyrene	23.845	252	17930	0.349	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.468	276	24775	0.423	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.495	278	19982	0.431	ng/ul	97
29) Benzo(g,h,i)perylene	27.233	276	21058	0.421	ng/ul	96

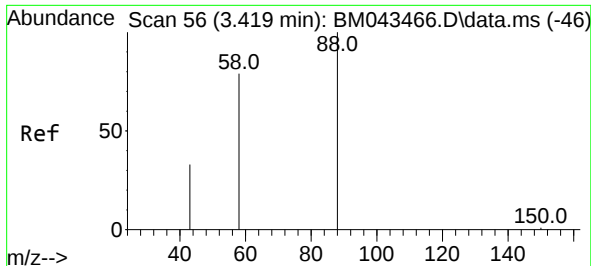
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

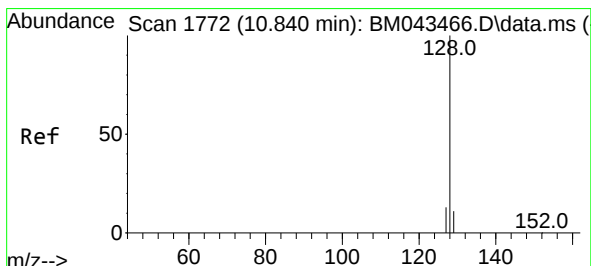
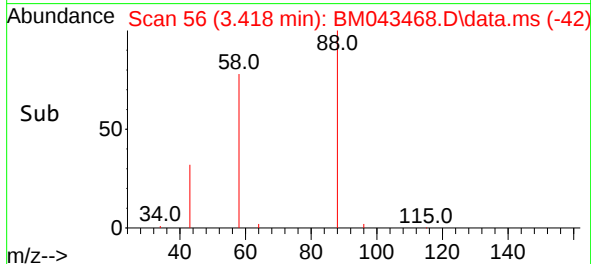
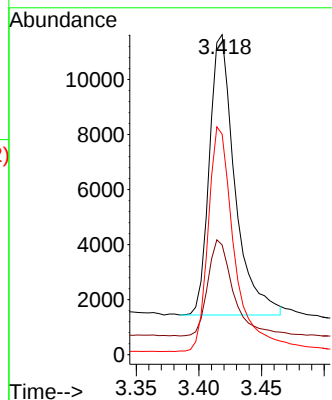
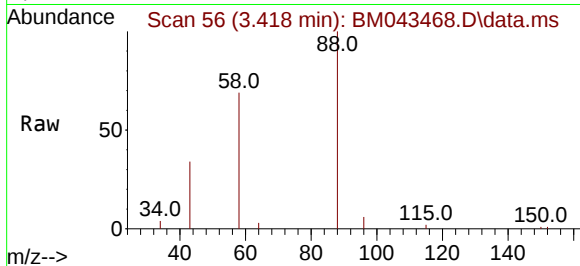




#2
 1,4-Dioxane
 Concen: 2.105 ng/ul
 RT: 3.418 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: BM043468.D
 Acq: 20 Dec 2023 17:41

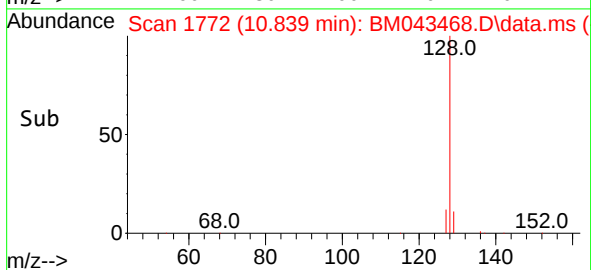
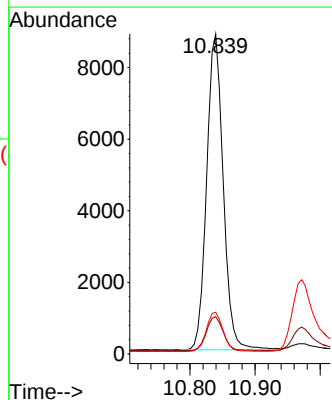
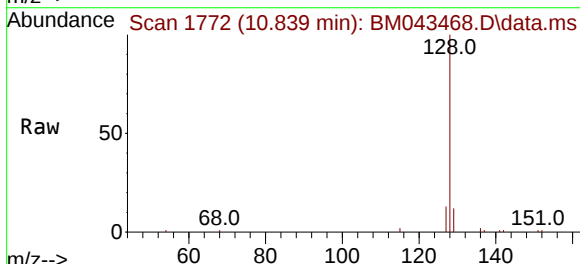
Instrument :
 BNA_M
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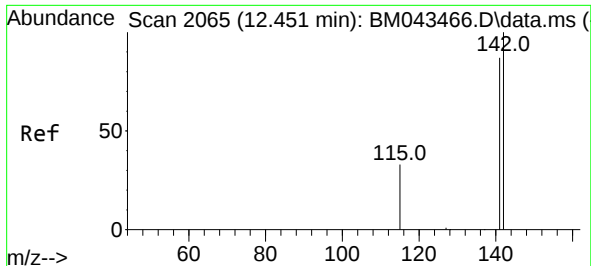
Tgt Ion: 88 Resp: 14422
 Ion Ratio Lower Upper
 88 100
 43 34.3 27.9 41.9
 58 68.9 43.4 65.2#



#5
 Naphthalene
 Concen: 0.315 ng/ul
 RT: 10.839 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: BM043468.D
 Acq: 20 Dec 2023 17:41

Tgt Ion: 128 Resp: 15609
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.0 13.4
 127 13.0 10.3 15.5

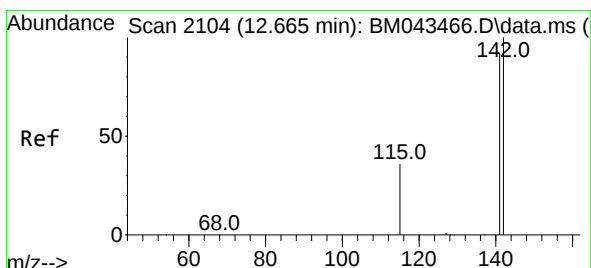
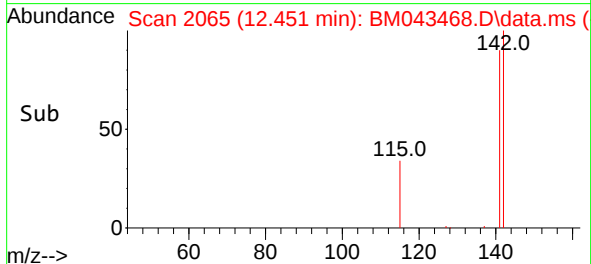
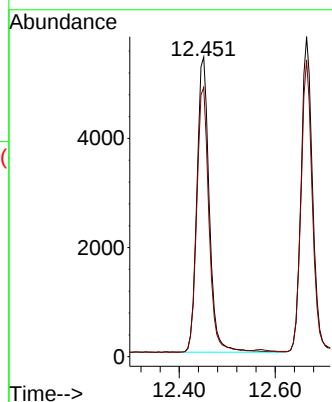
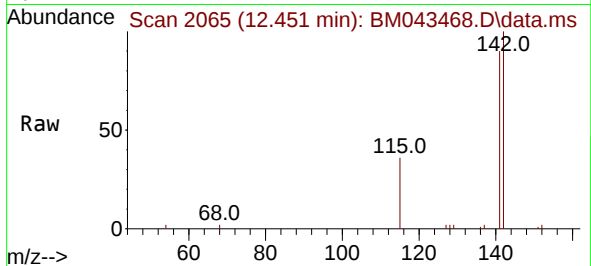




#7
2-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

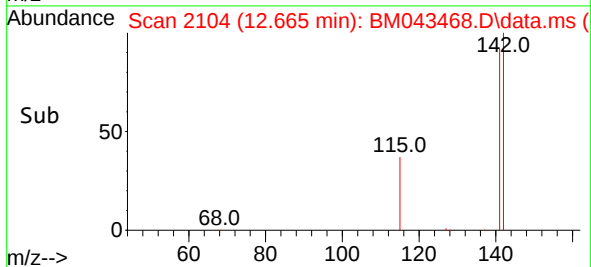
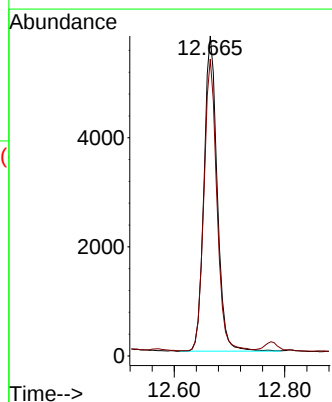
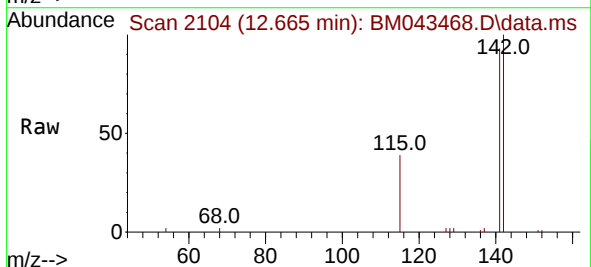
Instrument :
BNA_M
ClientSampleId :
SLCS763

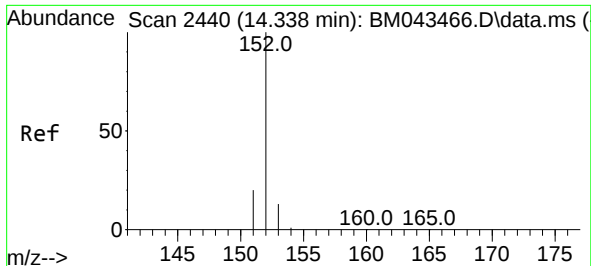
Tgt Ion:142 Resp: 9669
Ion Ratio Lower Upper
142 100
141 89.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

Tgt Ion:142 Resp: 9519
Ion Ratio Lower Upper
142 100
141 91.2 73.7 110.5

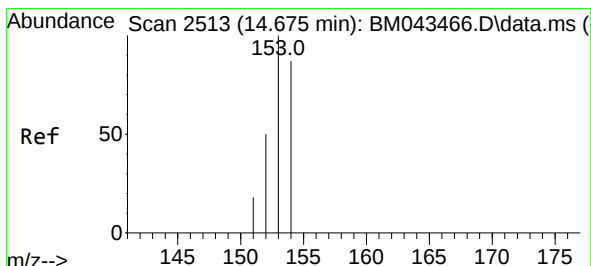
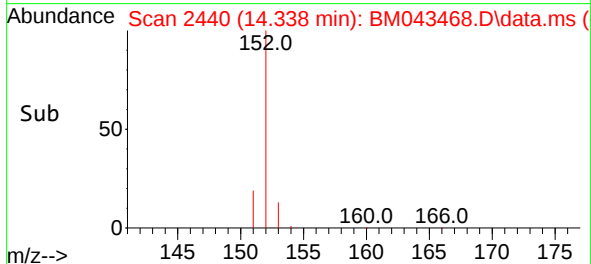
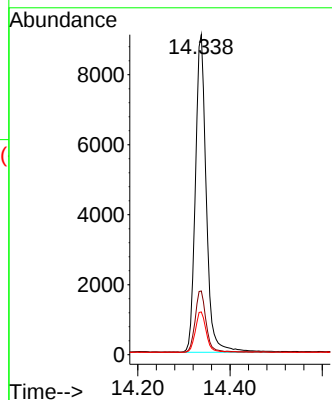
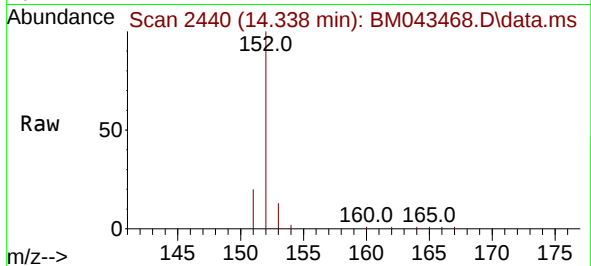




#10
Acenaphthylene
Concen: 0.313 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

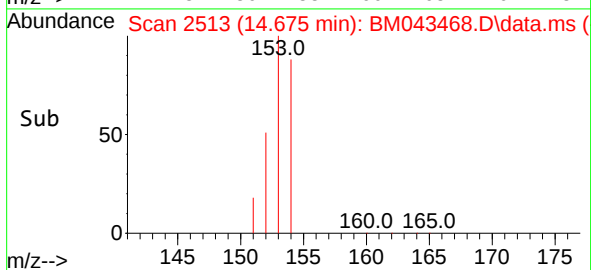
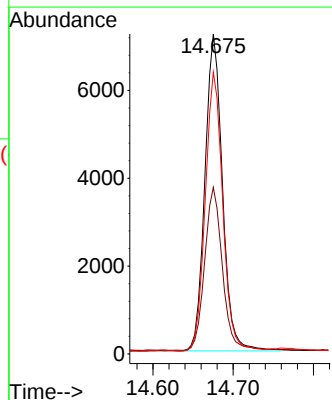
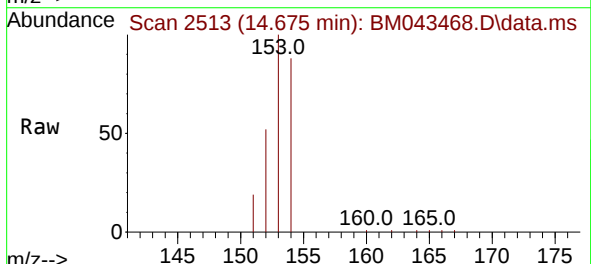
Instrument :
BNA_M
ClientSampleId :
SLCS763

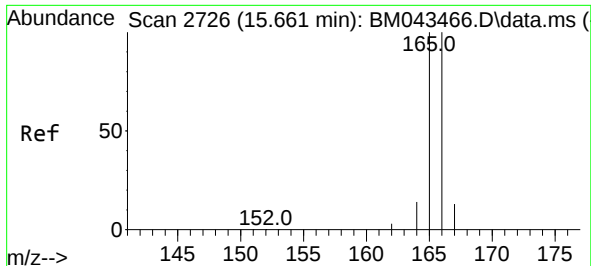
Tgt Ion:152 Resp: 14850
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.4 10.4 15.6



#11
Acenaphthene
Concen: 0.317 ng/ul
RT: 14.675 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

Tgt Ion:153 Resp: 10938
Ion Ratio Lower Upper
153 100
152 52.1 42.1 63.1
154 88.1 71.3 106.9

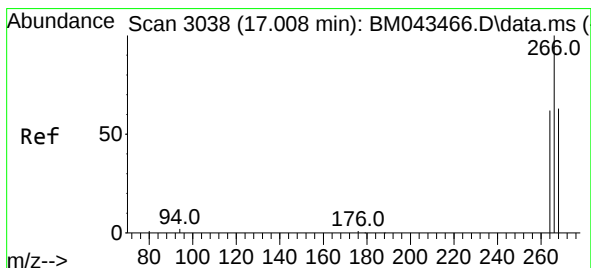
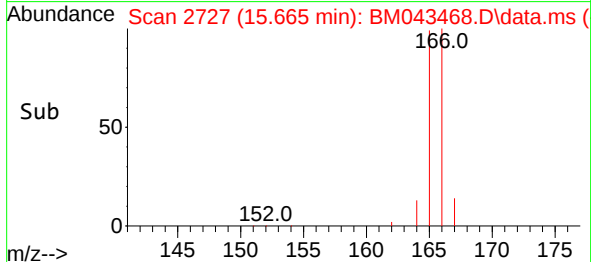
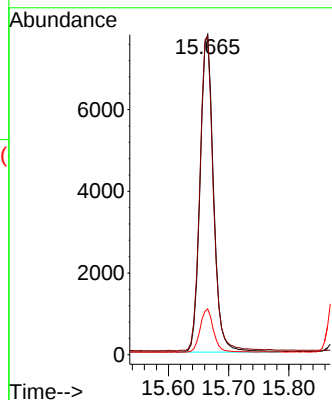
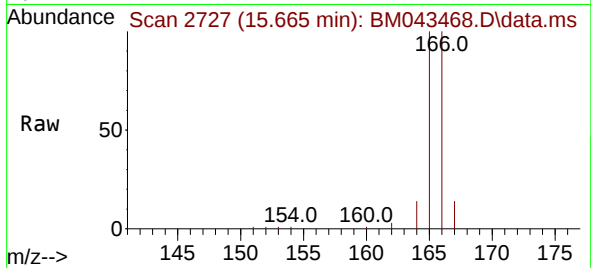




#12
Fluorene
Concen: 0.308 ng/ul
RT: 15.665 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

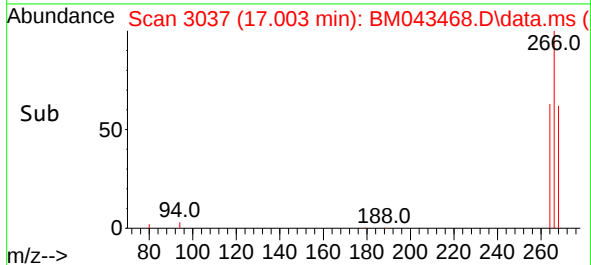
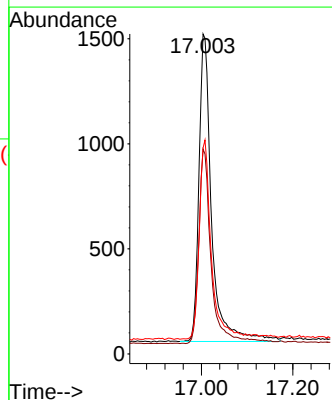
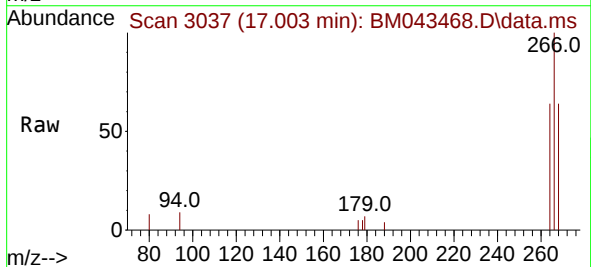
Instrument :
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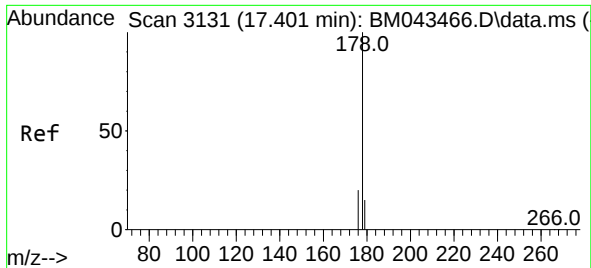
Tgt Ion:166 Resp: 12035
Ion Ratio Lower Upper
166 100
165 99.6 80.3 120.5
167 14.3 10.8 16.2



#14
Pentachlorophenol
Concen: 0.710 ng/ul
RT: 17.003 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

Tgt Ion:266 Resp: 2830
Ion Ratio Lower Upper
266 100
264 62.7 51.7 77.5
268 63.7 51.9 77.9

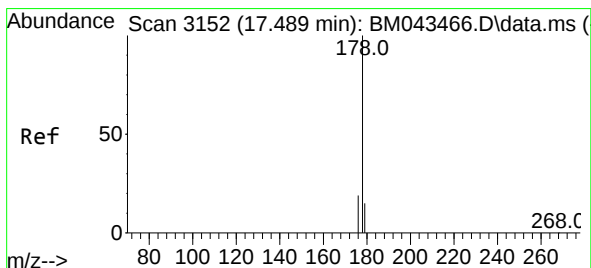
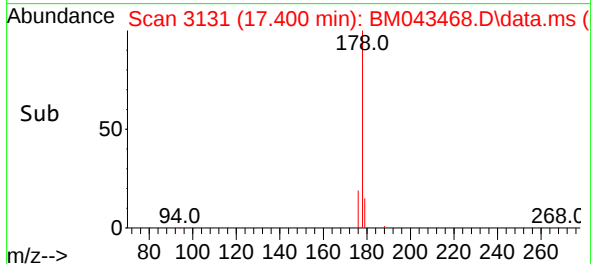
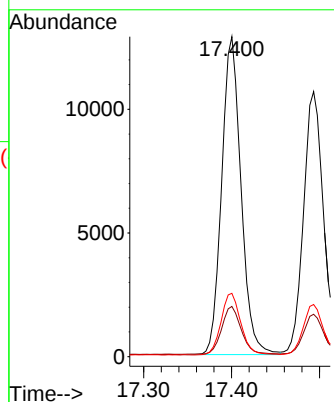
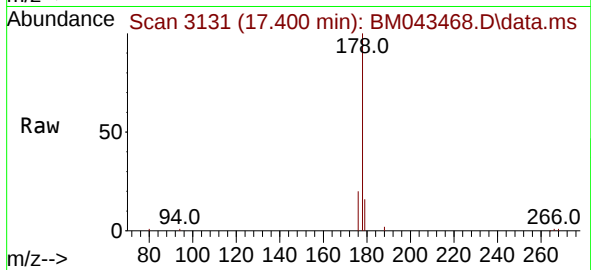




#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.400 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

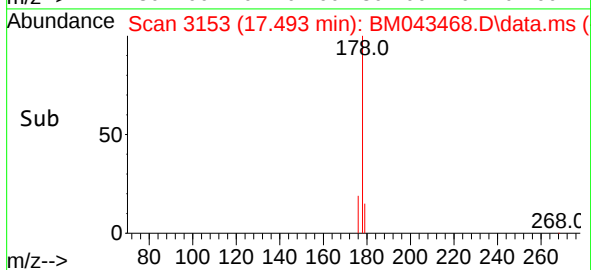
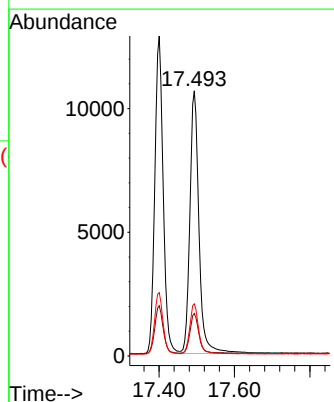
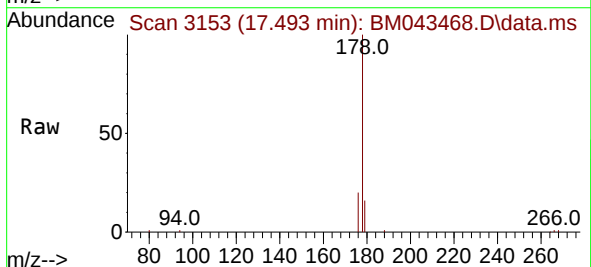
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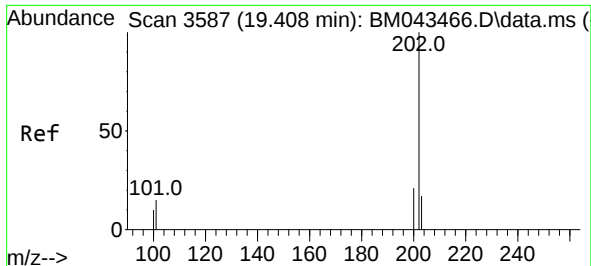
Tgt Ion:178	Resp:	19639
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.4 18.6
176	19.8	16.2 24.2



#16
Anthracene
Concen: 0.327 ng/ul
RT: 17.493 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

Tgt Ion:178	Resp:	17803
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.6 18.8
176	19.7	15.6 23.4

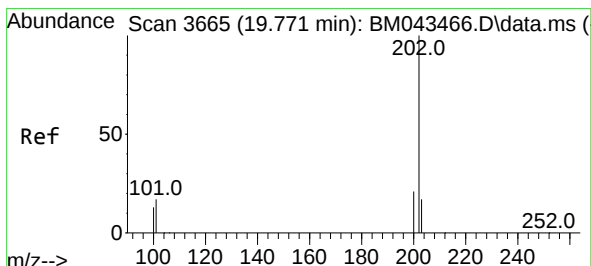
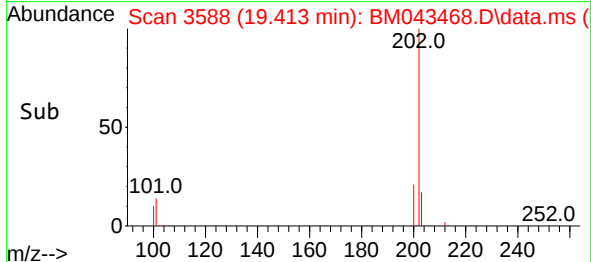
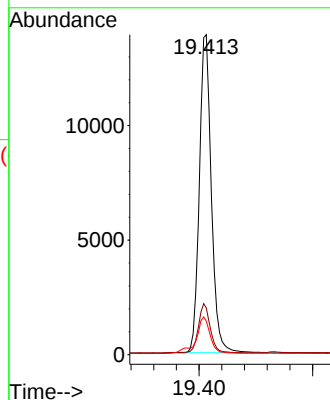
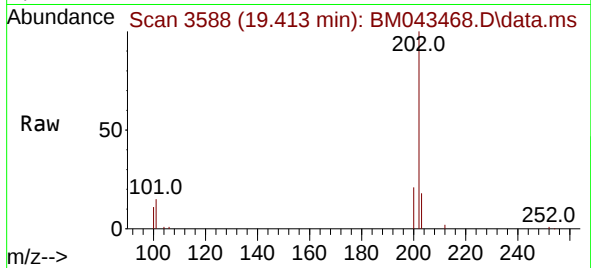




#19
Fluoranthene
Concen: 0.297 ng/ul
RT: 19.413 min Scan# 3588
Delta R.T. -0.000 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

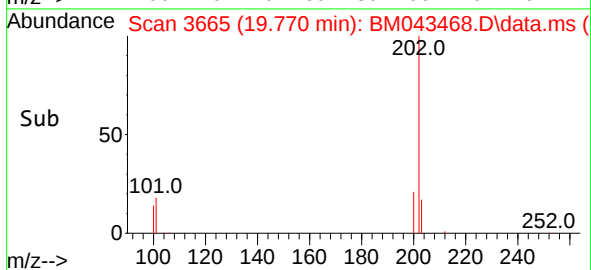
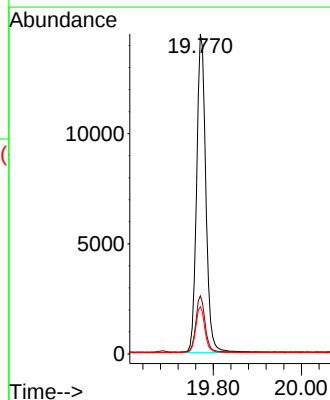
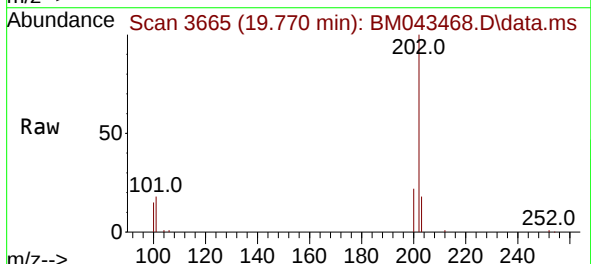
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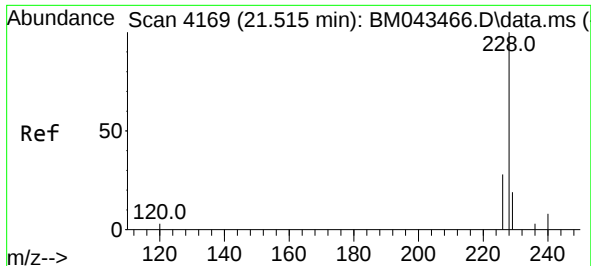
Tgt Ion:202 Resp: 20336
Ion Ratio Lower Upper
202 100
101 14.6 10.1 15.1
100 10.5 7.4 11.2



#20
Pyrene
Concen: 0.309 ng/ul
RT: 19.770 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

Tgt Ion:202 Resp: 21053
Ion Ratio Lower Upper
202 100
101 18.1 12.7 19.1
100 14.7 9.8 14.8

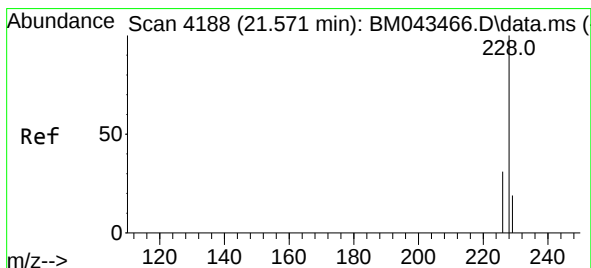
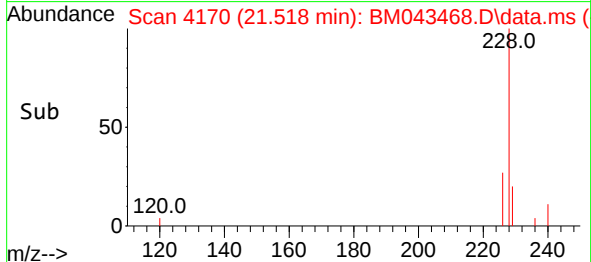
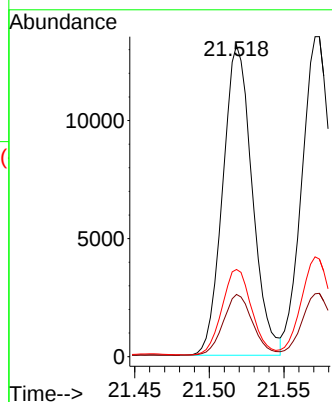
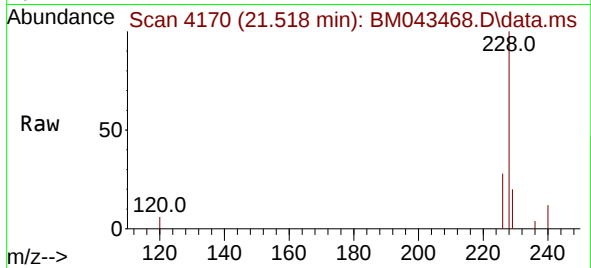




#21
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.518 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

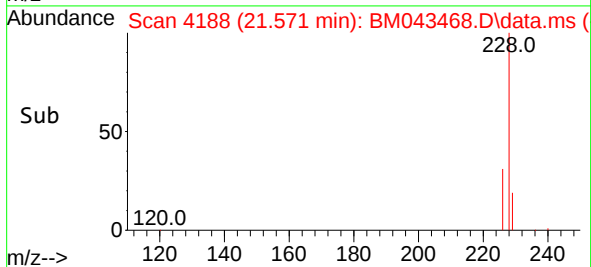
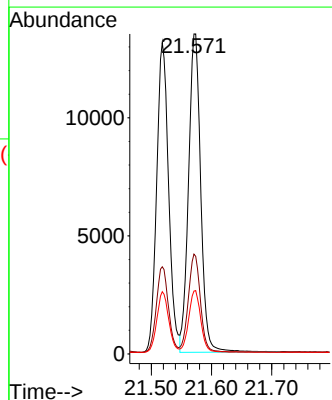
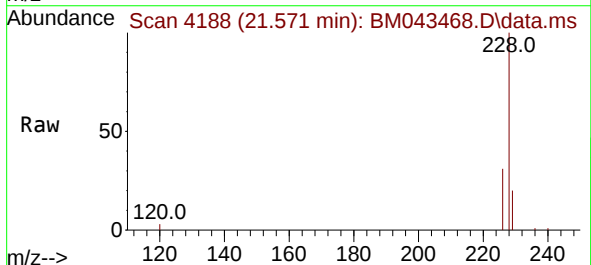
Instrument :
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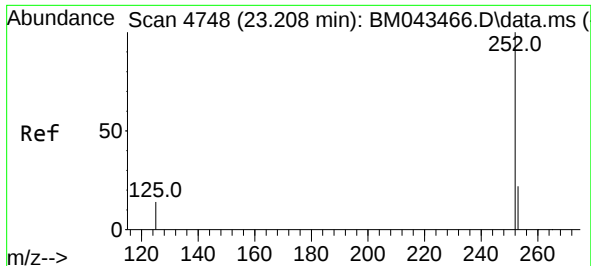
Tgt Ion:228 Resp: 18039
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 28.0 22.6 34.0



#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

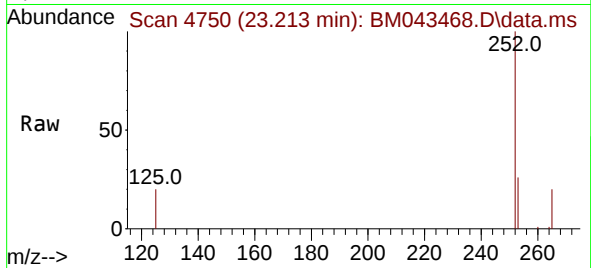
Tgt Ion:228 Resp: 18910
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 19.7 15.7 23.5



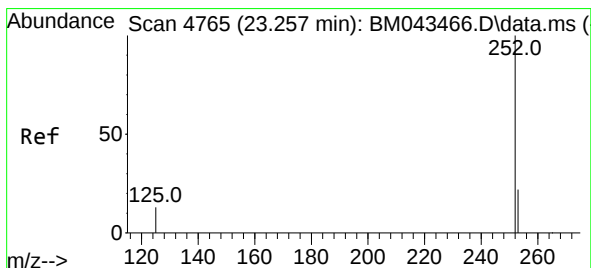
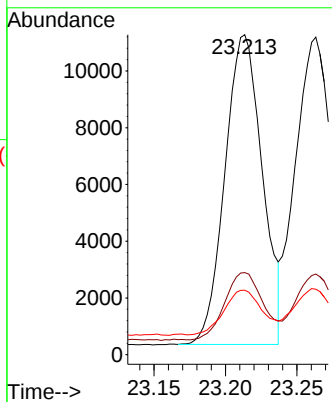
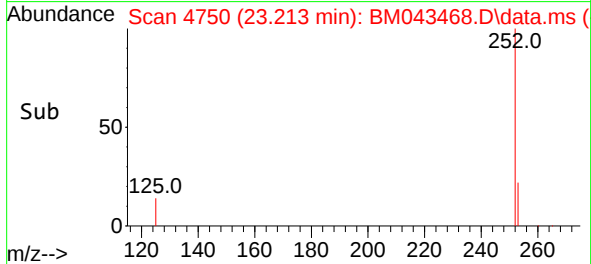


#24
Benzo(b)fluoranthene
Concen: 0.319 ng/ul
RT: 23.213 min Scan# 4750
Delta R.T. -0.003 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

Instrument :
BNA_M
ClientSampleId :
SLCS763

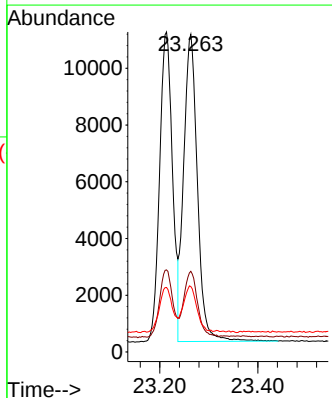
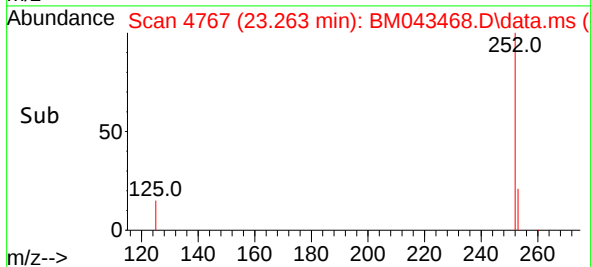
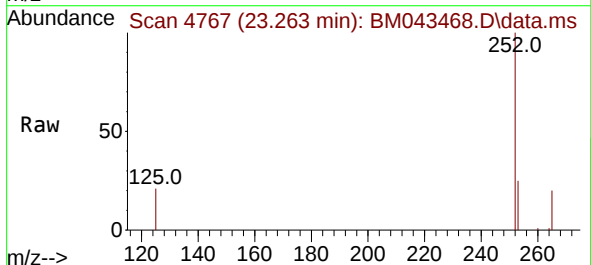


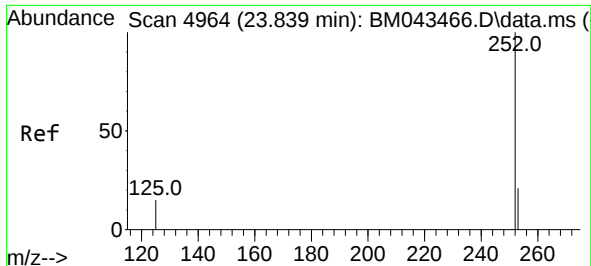
Tgt Ion:252 Resp: 19880
Ion Ratio Lower Upper
252 100
253 25.6 0.0 48.8
125 20.1 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

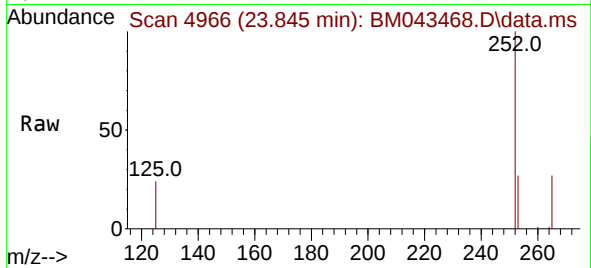
Tgt Ion:252 Resp: 21062
Ion Ratio Lower Upper
252 100
253 25.4 18.6 28.0
125 20.6 11.8 17.8#



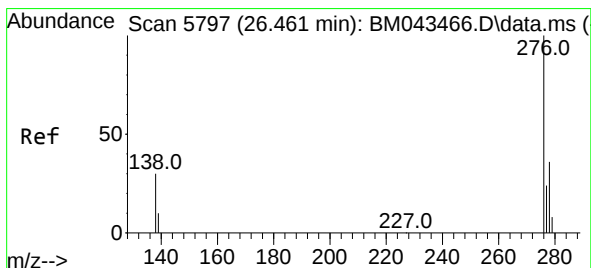
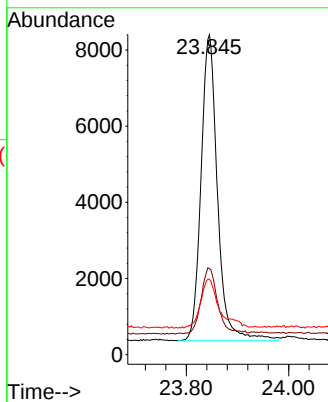
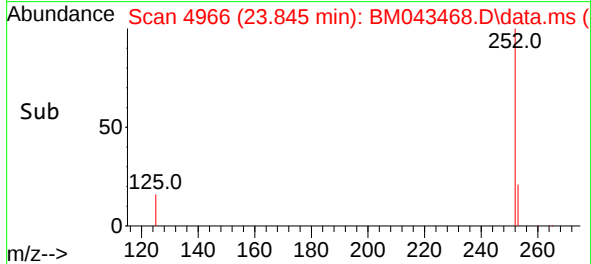


#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.845 min Scan# 4966
Delta R.T. -0.003 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

Instrument :
BNA_M
ClientSampleId :
SLCS763

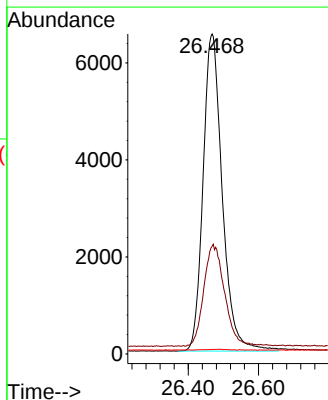
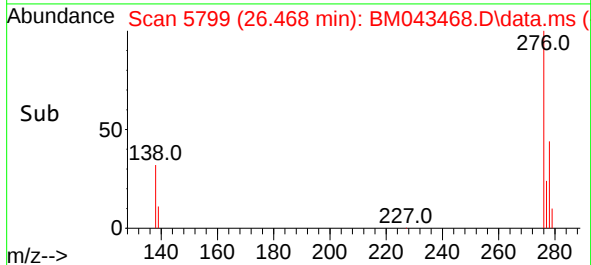
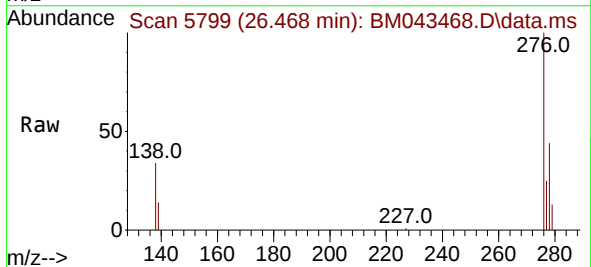


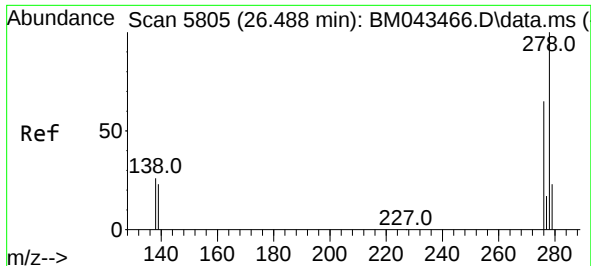
Tgt Ion:252 Resp: 17930
Ion Ratio Lower Upper
252 100
253 26.9 20.2 30.2
125 23.6 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng/ul
RT: 26.468 min Scan# 5799
Delta R.T. -0.007 min
Lab File: BM043468.D
Acq: 20 Dec 2023 17:41

Tgt Ion:276 Resp: 24775
Ion Ratio Lower Upper
276 100
138 34.9 24.6 36.8
227 0.1 0.0 0.0#

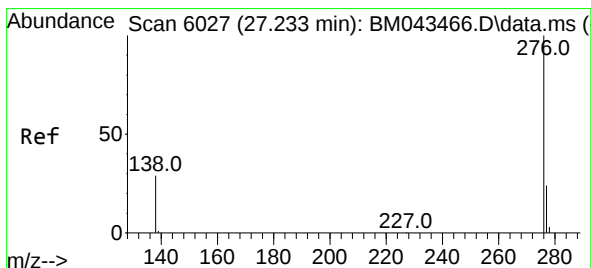
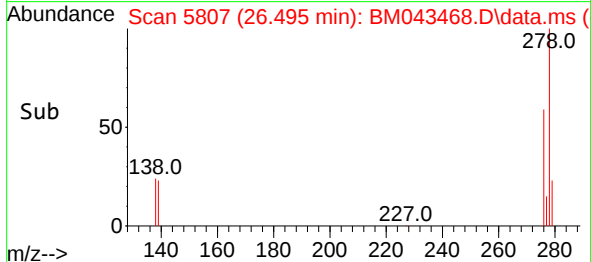
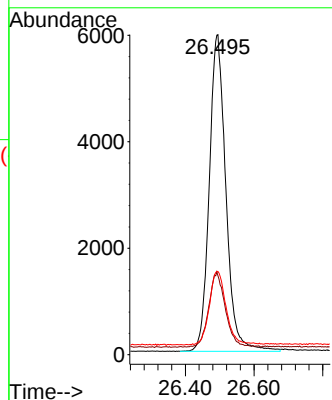
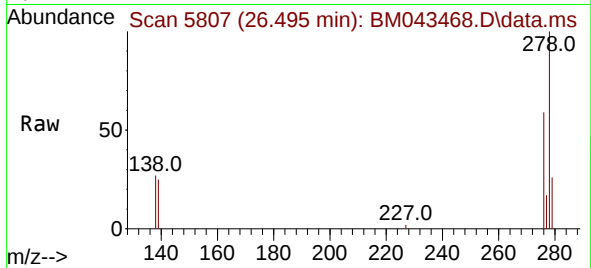




#28
 Dibenzo(a,h)anthracene
 Concen: 0.431 ng/ul
 RT: 26.495 min Scan# 5807
 Delta R.T. -0.004 min
 Lab File: BM043468.D
 Acq: 20 Dec 2023 17:41

Instrument :
 BNA_M
 ClientSampleId :
 SLCS763

Tgt Ion: 278 Resp: 19982
 Ion Ratio Lower Upper
 278 100
 139 24.7 17.4 26.2
 279 26.0 20.9 31.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.421 ng/ul
 RT: 27.233 min Scan# 6027
 Delta R.T. -0.011 min
 Lab File: BM043468.D
 Acq: 20 Dec 2023 17:41

Tgt Ion: 276 Resp: 21058
 Ion Ratio Lower Upper
 276 100
 138 31.9 23.1 34.7
 277 24.9 19.4 29.0

