

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043481.D
 Acq On : 21 Dec 2023 01:29
 Operator : MA/JU
 Sample : PB157923BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS923

Quant Time: Dec 21 02:07:07 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)

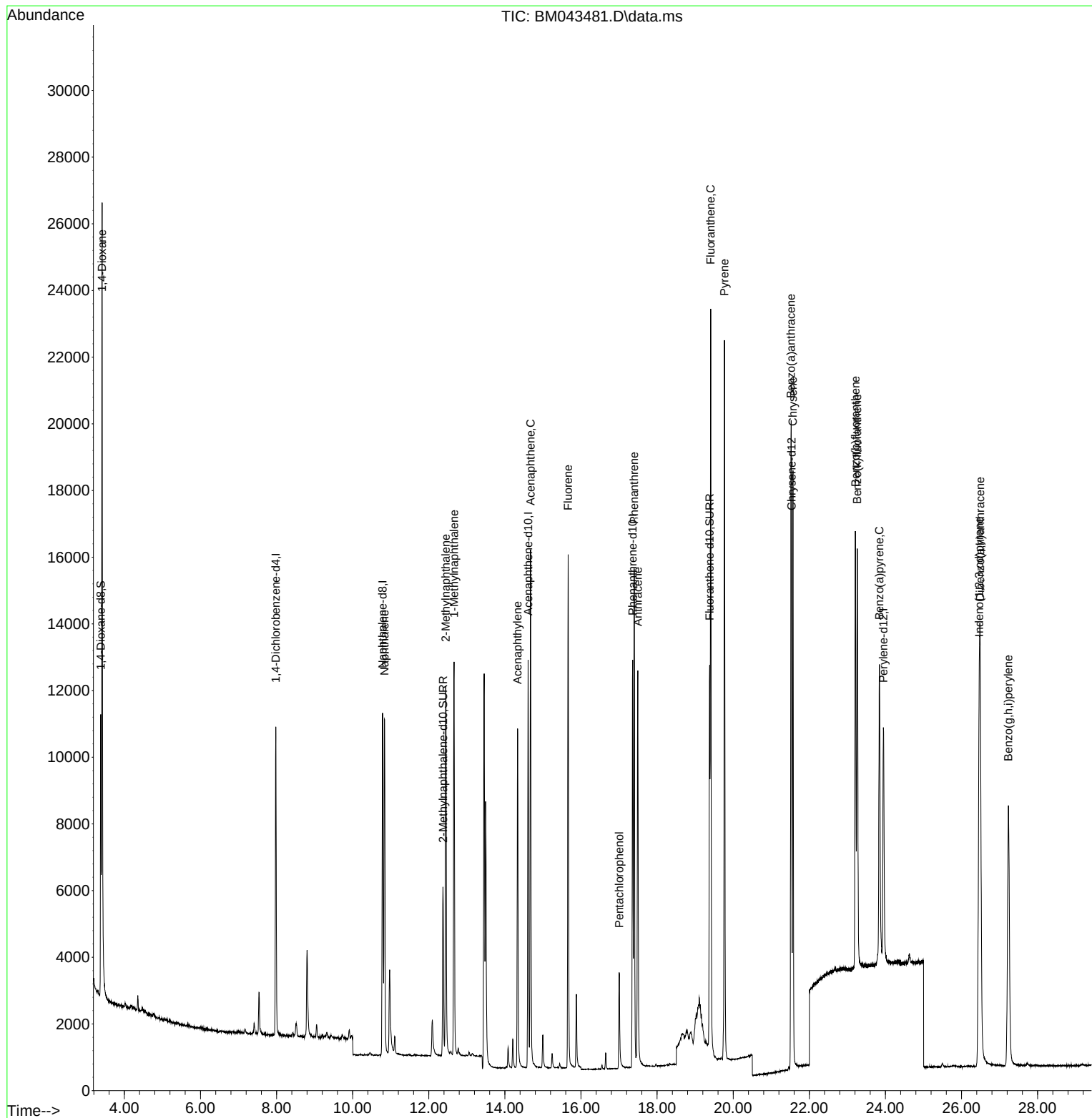
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	4877	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	14593	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.611	164	7029	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	14295	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	9566	0.400	ng/ul	# 0.00
23) Perylene-d12	23.947	264	10808	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5019	0.814	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	7266	0.351	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	12302	0.360	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.414	88	14874	2.407	ng/ul#	81
5) Naphthalene	10.840	128	14955	0.341	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	8963	0.317	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	8709	0.307	ng/ul	99
10) Acenaphthylene	14.333	152	13088	0.338	ng/ul	99
11) Acenaphthene	14.675	153	9607	0.341	ng/ul	99
12) Fluorene	15.661	166	10466	0.328	ng/ul	100
14) Pentachlorophenol	17.004	266	2564	0.809	ng/ul	97
15) Phenanthrene	17.396	178	16786	0.352	ng/ul	99
16) Anthracene	17.493	178	15255	0.352	ng/ul	99
19) Fluoranthene	19.408	202	18315	0.339	ng/ul#	86
20) Pyrene	19.771	202	18556	0.346	ng/ul#	94
21) Benzo(a)anthracene	21.518	228	15310	0.365	ng/ul	99
22) Chrysene	21.571	228	16369	0.369	ng/ul	100
24) Benzo(b)fluoranthene	23.211	252	17157	0.350	ng/ul	92
25) Benzo(k)fluoranthene	23.260	252	17872	0.351	ng/ul#	89
26) Benzo(a)pyrene	23.842	252	15221	0.376	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.465	276	20991	0.456	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.491	278	16912	0.463	ng/ul	95
29) Benzo(g,h,i)perylene	27.233	276	17940	0.456	ng/ul	95

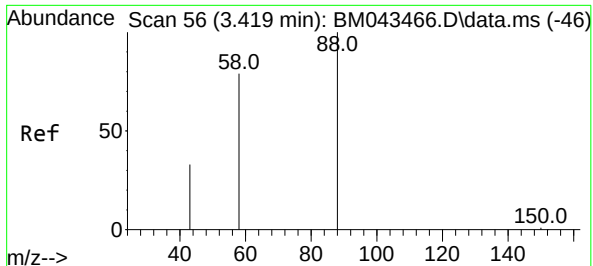
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

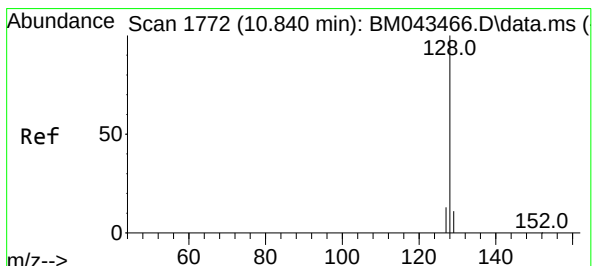
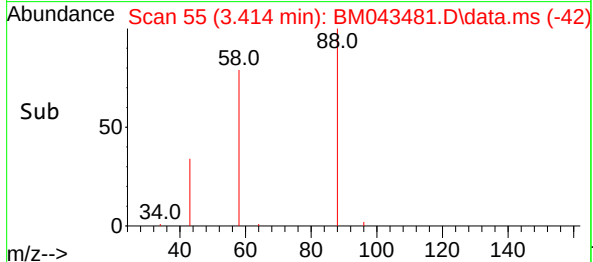
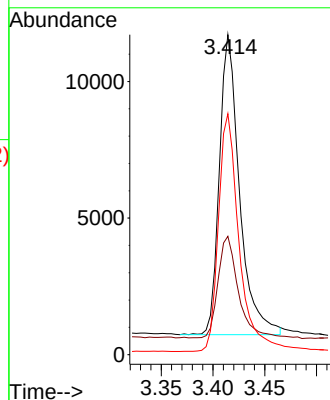
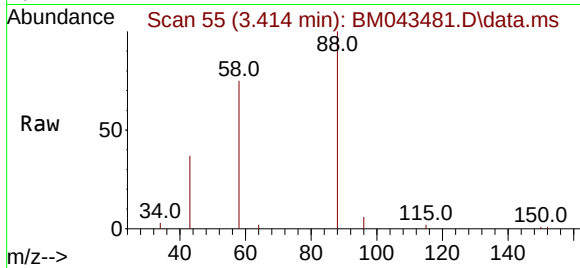




#2
1,4-Dioxane
Concen: 2.407 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

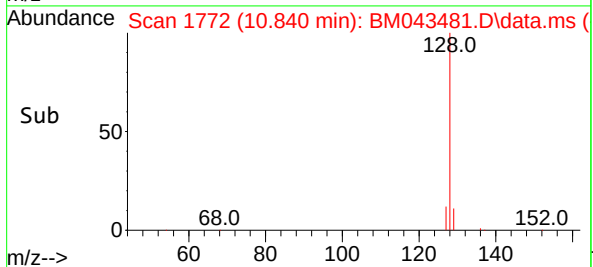
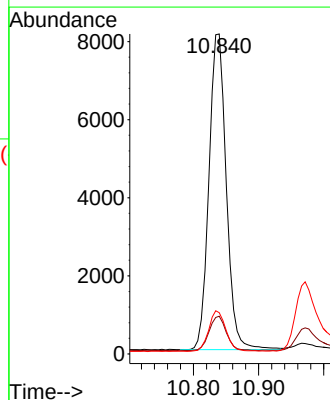
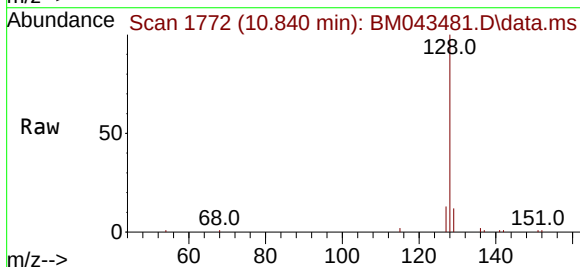
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BNA_M
ClientSampleId :
SLCS923

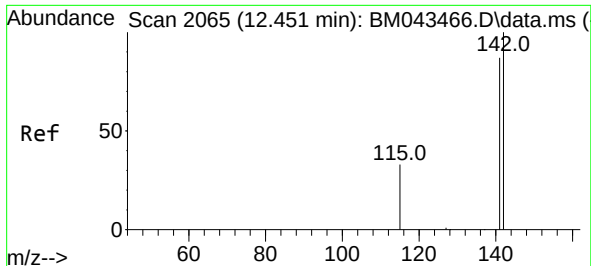
Tgt Ion: 88 Resp: 14874
Ion Ratio Lower Upper
88 100
43 37.0 27.9 41.9
58 75.3 43.4 65.2#



#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

Tgt Ion: 128 Resp: 14955
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 12.9 10.3 15.5

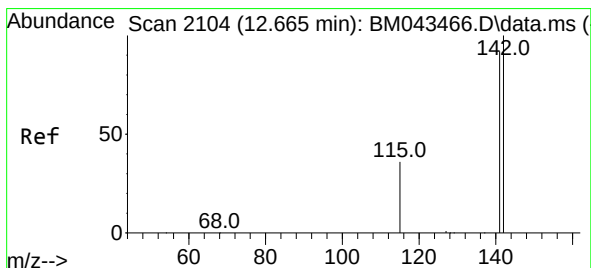
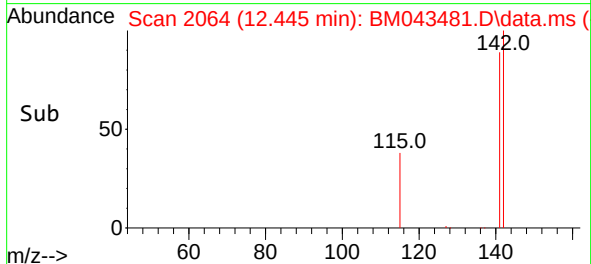
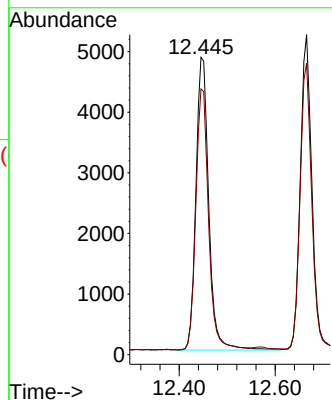
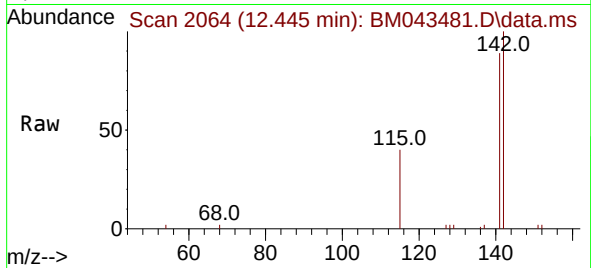




#7
2-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

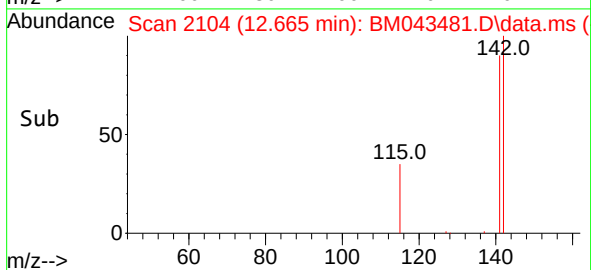
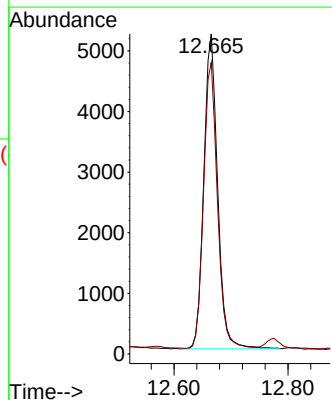
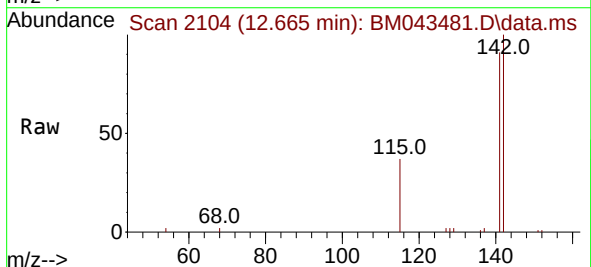
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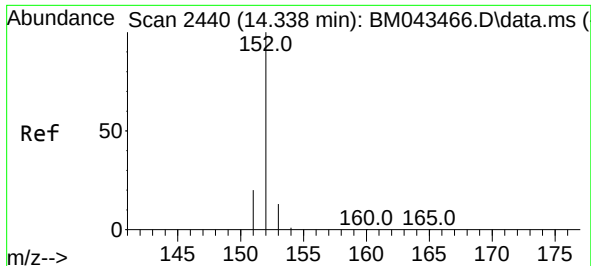
Tgt Ion:142 Resp: 8963
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

Tgt Ion:142 Resp: 8709
Ion Ratio Lower Upper
142 100
141 91.5 73.7 110.5

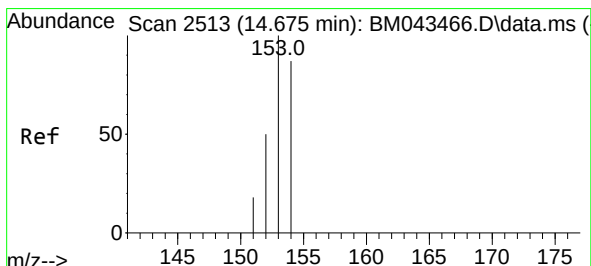
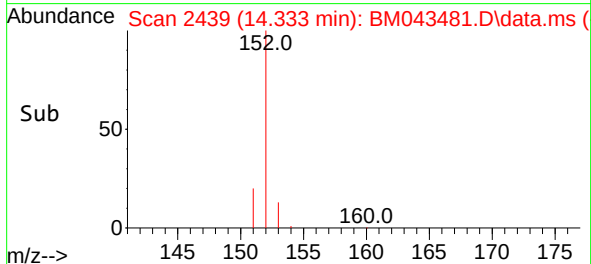
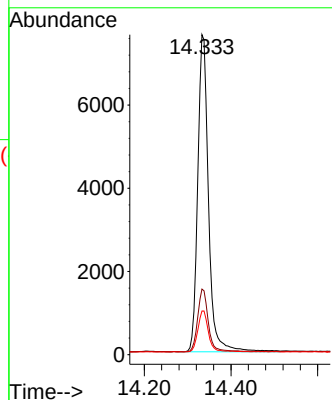
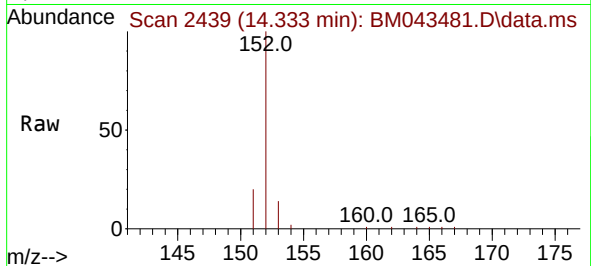




#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 14.333 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

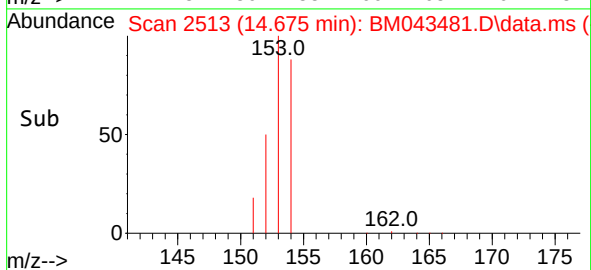
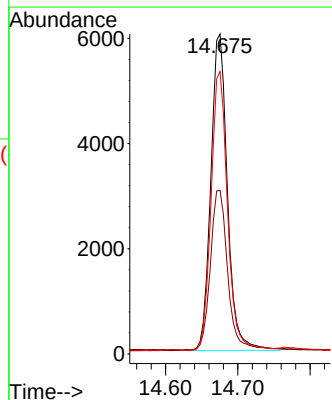
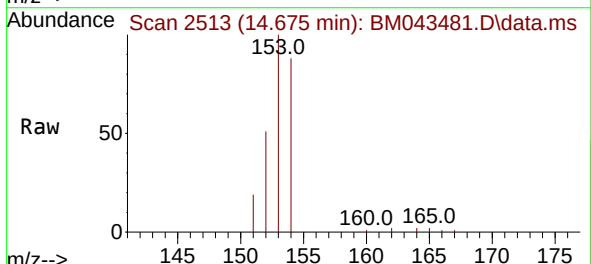
Instrument :
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ClientSampleId :
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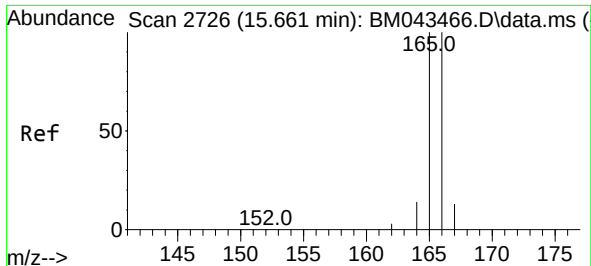
Tgt Ion:152 Resp: 13088
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.7 10.4 15.6



#11
Acenaphthene
Concen: 0.341 ng/ul
RT: 14.675 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

Tgt Ion:153 Resp: 9607
Ion Ratio Lower Upper
153 100
152 51.1 42.1 63.1
154 88.2 71.3 106.9

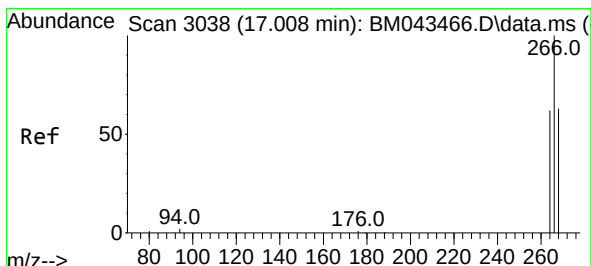
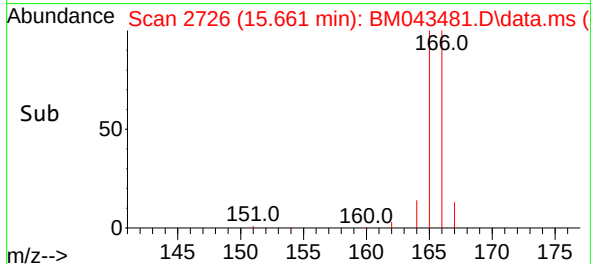
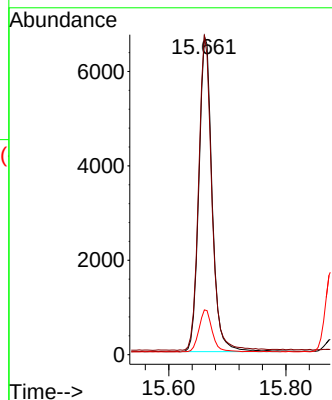
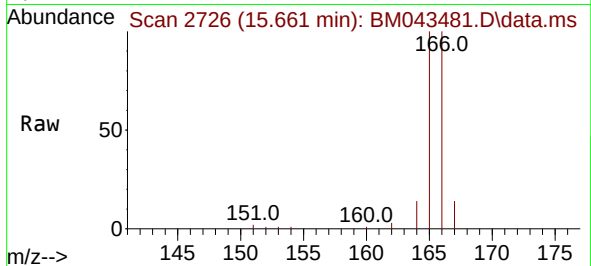




#12
Fluorene
Concen: 0.328 ng/ul
RT: 15.661 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

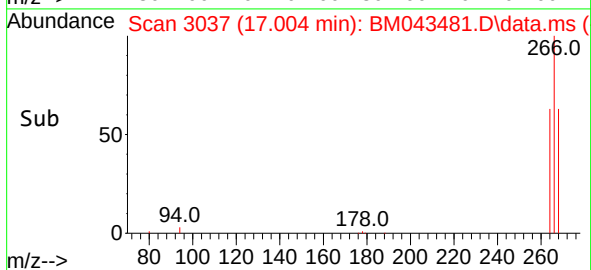
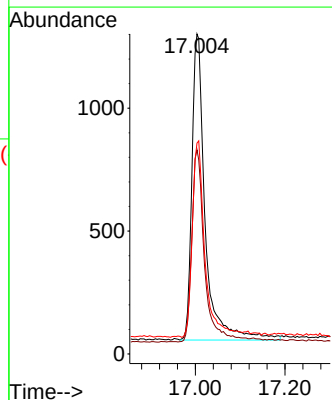
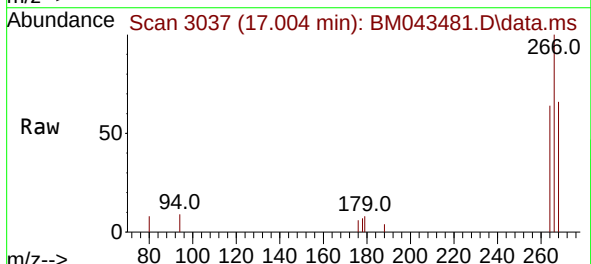
Instrument :
BNA_M
ClientSampleId :
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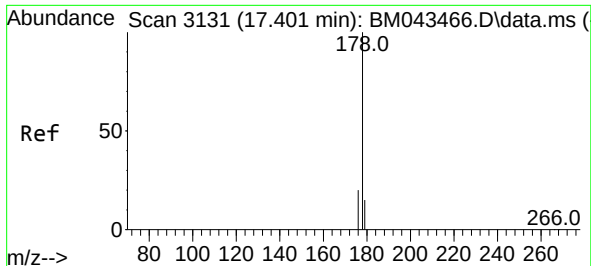
Tgt Ion:166 Resp: 10466
Ion Ratio Lower Upper
166 100
165 100.4 80.3 120.5
167 14.1 10.8 16.2



#14
Pentachlorophenol
Concen: 0.809 ng/ul
RT: 17.004 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

Tgt Ion:266 Resp: 2564
Ion Ratio Lower Upper
266 100
264 61.5 51.7 77.5
268 62.9 51.9 77.9

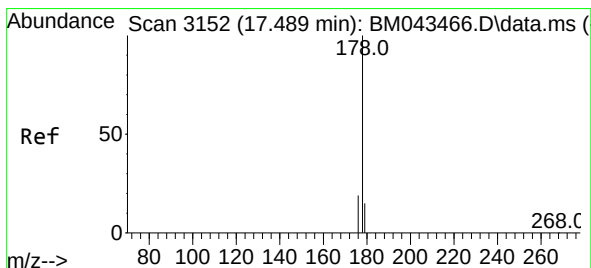
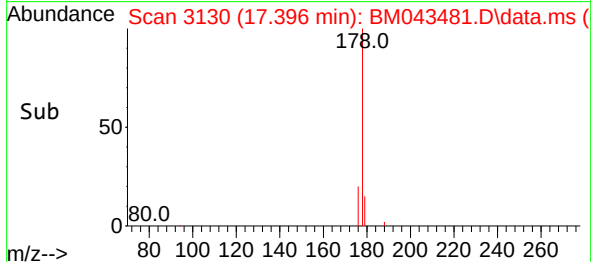
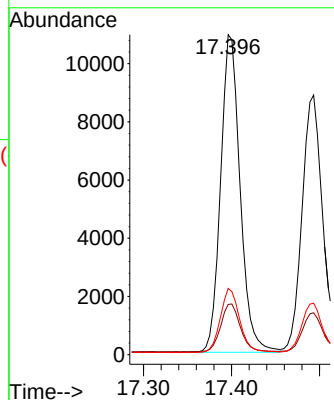
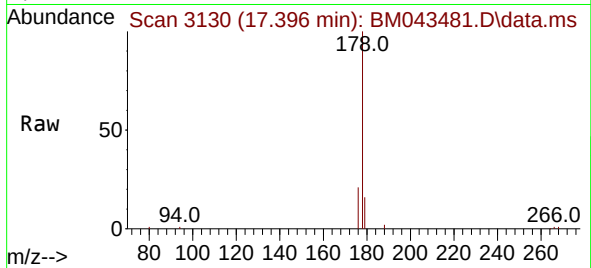




#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

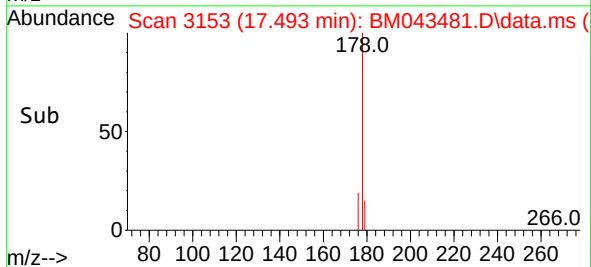
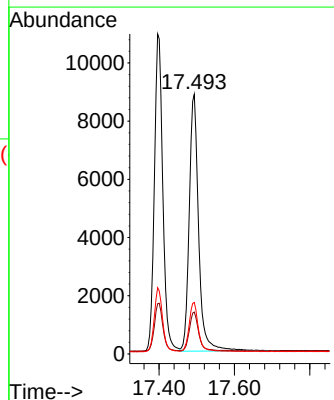
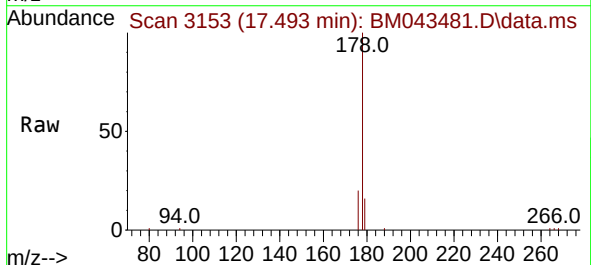
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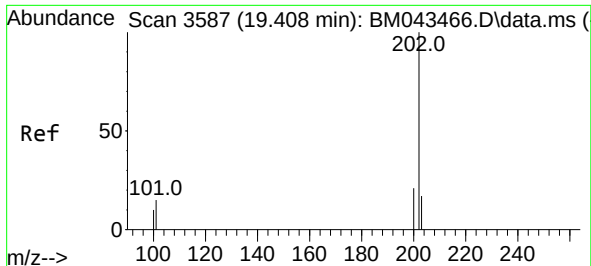
Tgt Ion:178 Resp: 16786
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 20.7 16.2 24.2



#16
Anthracene
Concen: 0.352 ng/ul
RT: 17.493 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

Tgt Ion:178 Resp: 15255
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.8 15.6 23.4

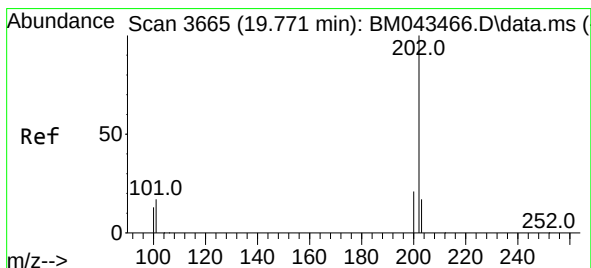
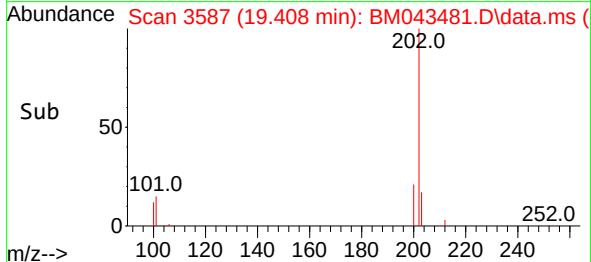
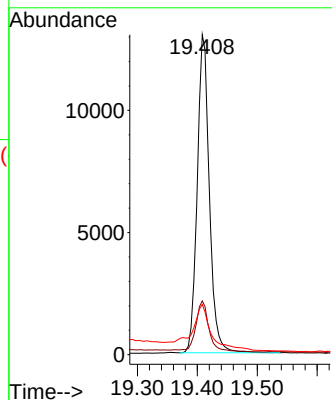
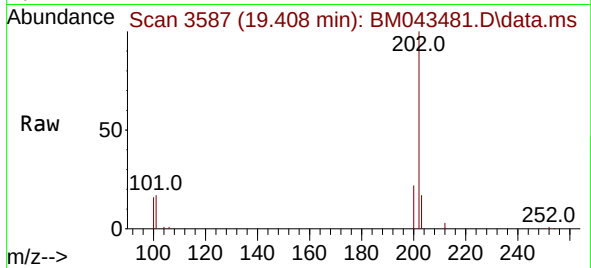




#19
Fluoranthene
Concen: 0.339 ng/ul
RT: 19.408 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

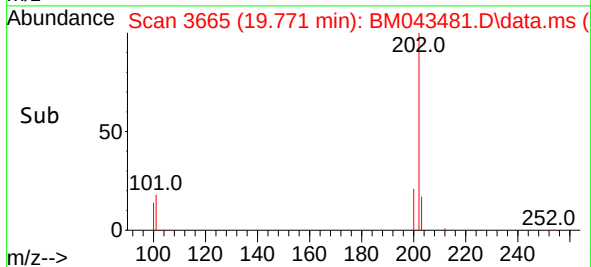
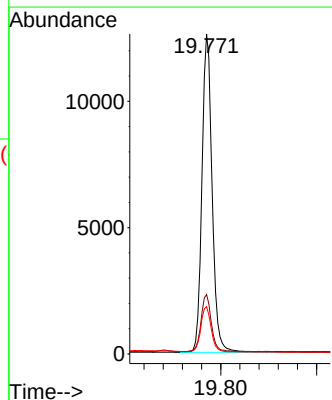
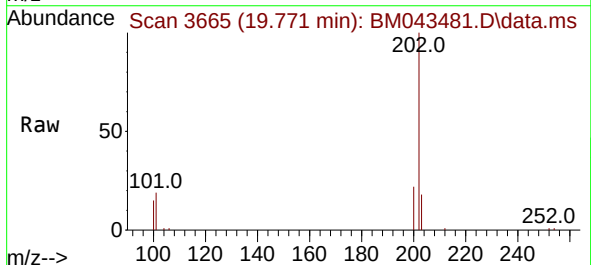
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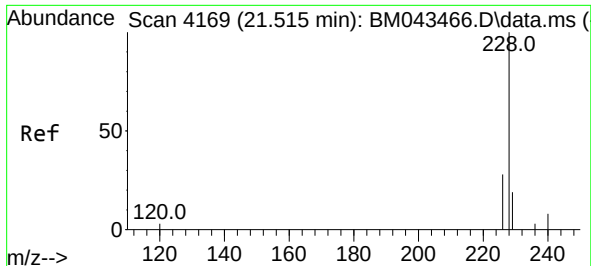
Tgt Ion:202 Resp: 18315
Ion Ratio Lower Upper
202 100
101 16.8 10.1 15.1#
100 15.7 7.4 11.2#



#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

Tgt Ion:202 Resp: 18556
Ion Ratio Lower Upper
202 100
101 18.6 12.7 19.1
100 14.8 9.8 14.8#

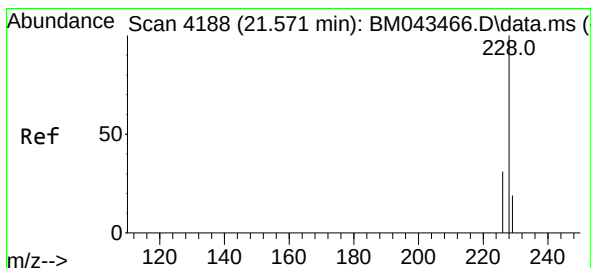
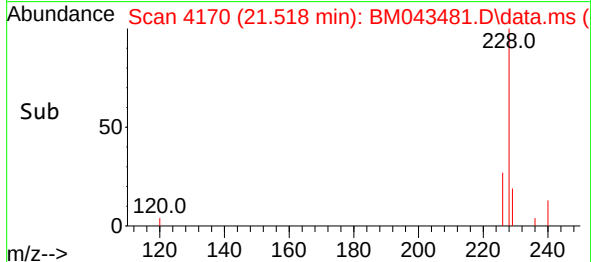
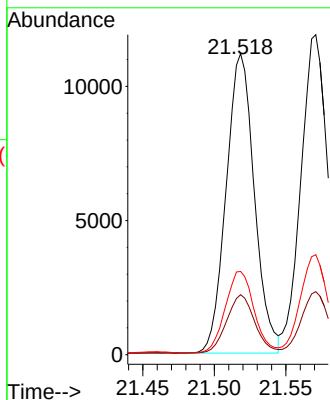
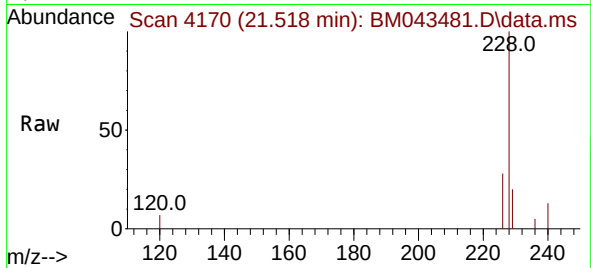




#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.518 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

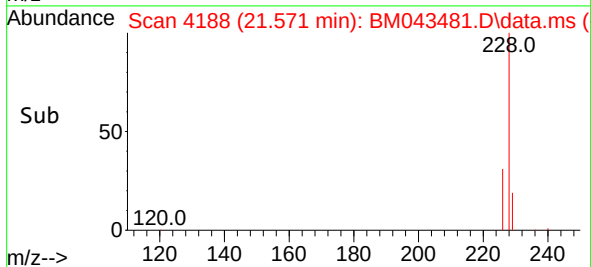
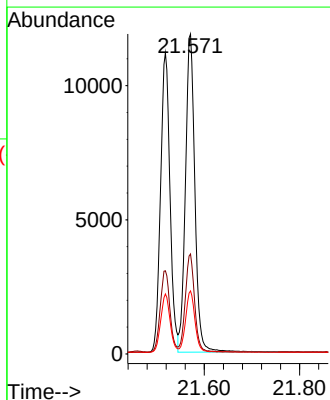
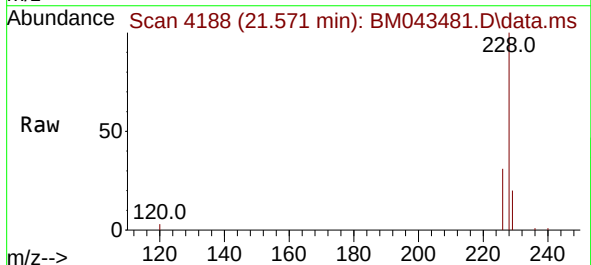
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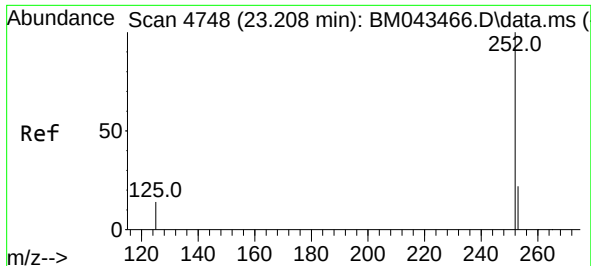
Tgt Ion:228 Resp: 15310
Ion Ratio Lower Upper
228 100
229 19.9 15.5 23.3
226 27.7 22.6 34.0



#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

Tgt Ion:228 Resp: 16369
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 19.7 15.7 23.5

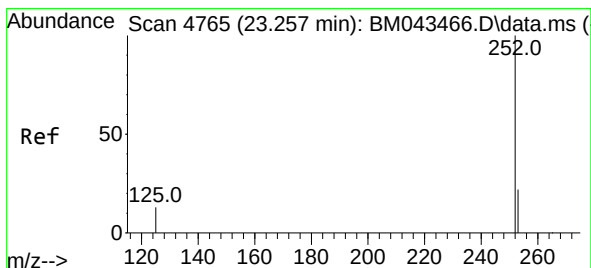
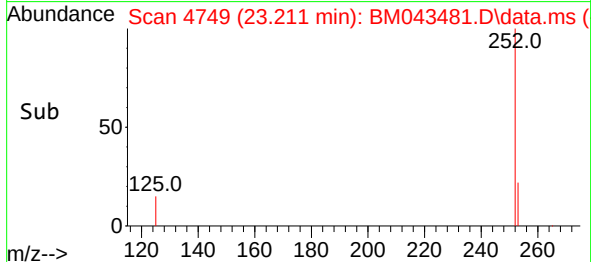
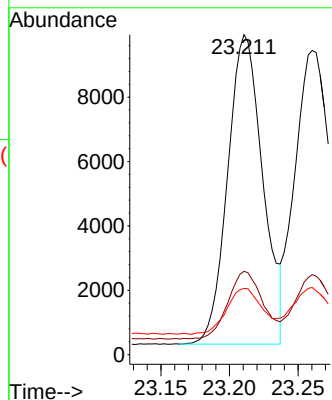
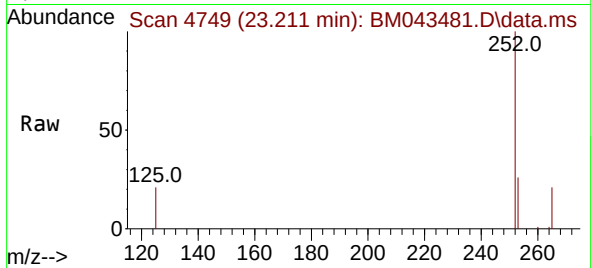




#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 23.211 min Scan# 4749
Delta R.T. -0.006 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

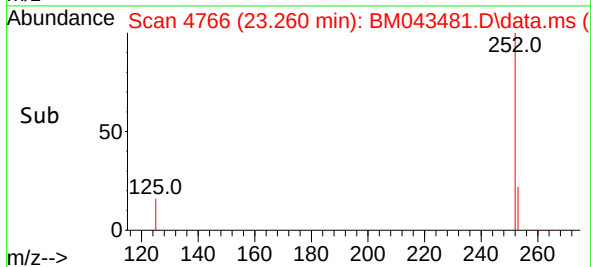
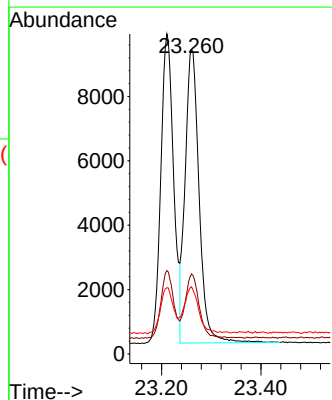
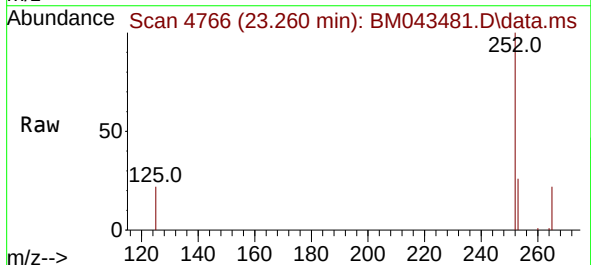
Instrument :
BNA_M
ClientSampleId :
SLCS923

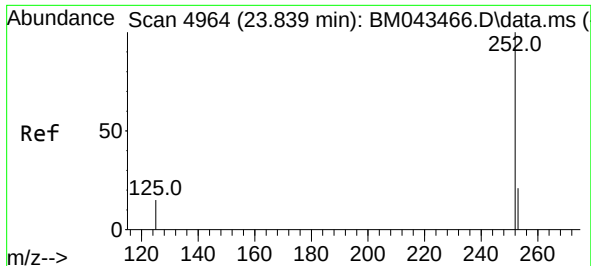
Tgt Ion:252 Resp: 17157
Ion Ratio Lower Upper
252 100
253 26.1 0.0 48.8
125 20.7 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

Tgt Ion:252 Resp: 17872
Ion Ratio Lower Upper
252 100
253 26.3 18.6 28.0
125 22.1 11.8 17.8#

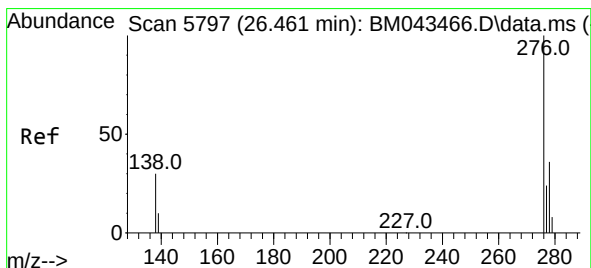
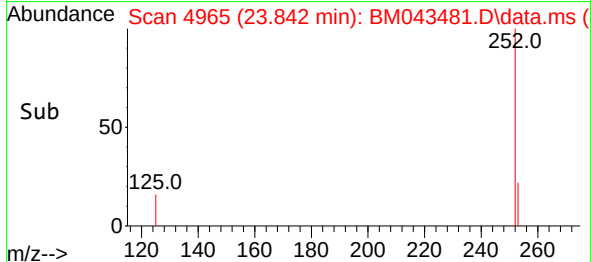
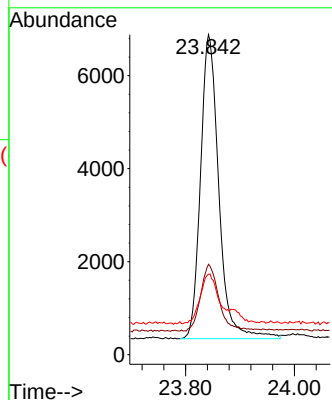
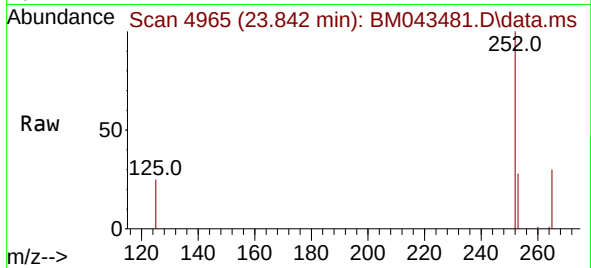




#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.842 min Scan# 4965
Delta R.T. -0.006 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

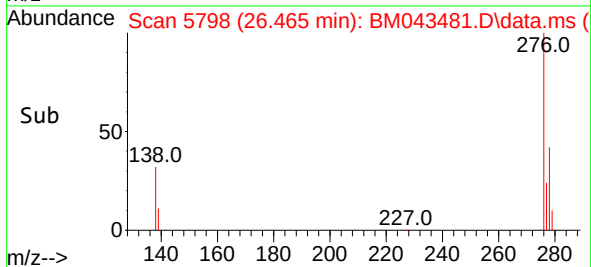
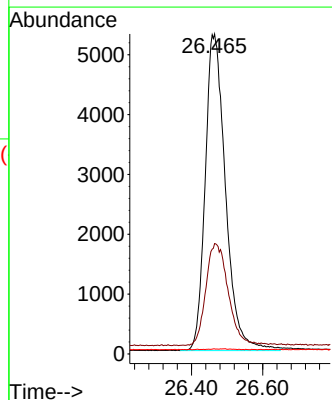
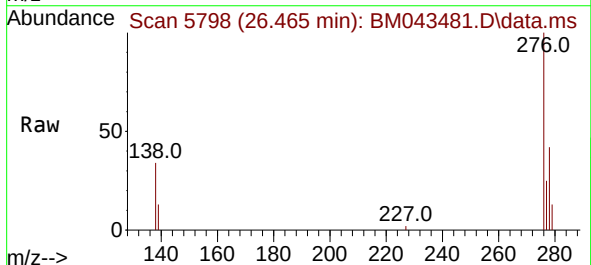
Instrument :
BNA_M
ClientSampleId :
SLCS923

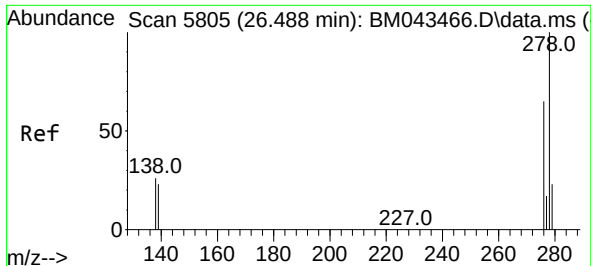
Tgt Ion:252 Resp: 15221
Ion Ratio Lower Upper
252 100
253 28.3 20.2 30.2
125 25.1 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.456 ng/ul
RT: 26.465 min Scan# 5798
Delta R.T. -0.011 min
Lab File: BM043481.D
Acq: 21 Dec 2023 01:29

Tgt Ion:276 Resp: 20991
Ion Ratio Lower Upper
276 100
138 35.3 24.6 36.8
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.463 ng/ul

RT: 26.491 min Scan# 5806

Delta R.T. -0.007 min

Lab File: BM043481.D

Acq: 21 Dec 2023 01:29

Instrument :

BNA_M

ClientSampleId :

SLCS923

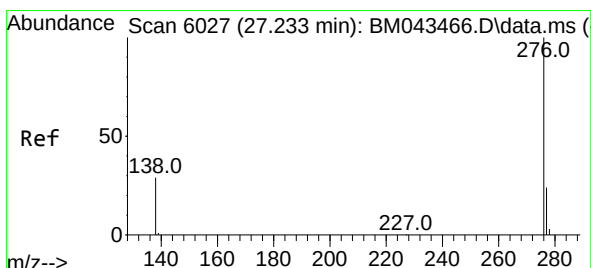
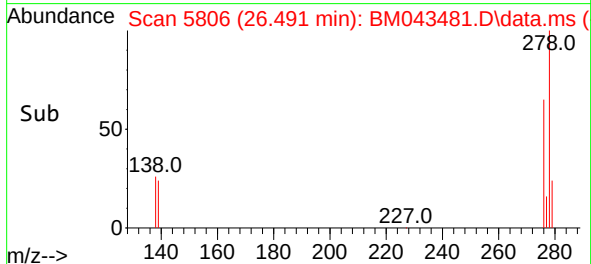
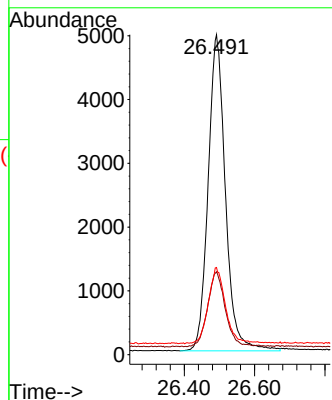
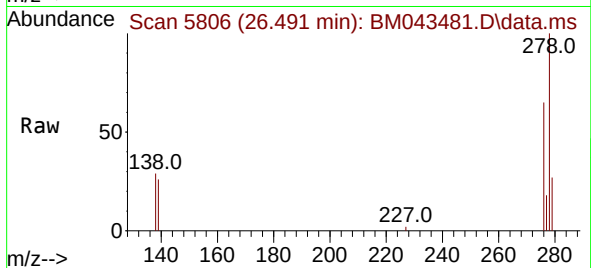
Tgt Ion:278 Resp: 16912

Ion Ratio Lower Upper

278 100

139 25.9 17.4 26.2

279 27.2 20.9 31.3



#29

Benzo(g,h,i)perylene

Concen: 0.456 ng/ul

RT: 27.233 min Scan# 6027

Delta R.T. -0.011 min

Lab File: BM043481.D

Acq: 21 Dec 2023 01:29

Tgt Ion:276 Resp: 17940

Ion Ratio Lower Upper

276 100

138 32.9 23.1 34.7

277 24.7 19.4 29.0

