

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
 Data File : BM043303.D
 Acq On : 13 Dec 2023 16:13
 Operator : MA/JU
 Sample : PB157728BS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS728

Quant Time: Dec 13 16:50:12 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 : Mon Dec 11 16:25:39 2023
 Response via : Initial Calibration

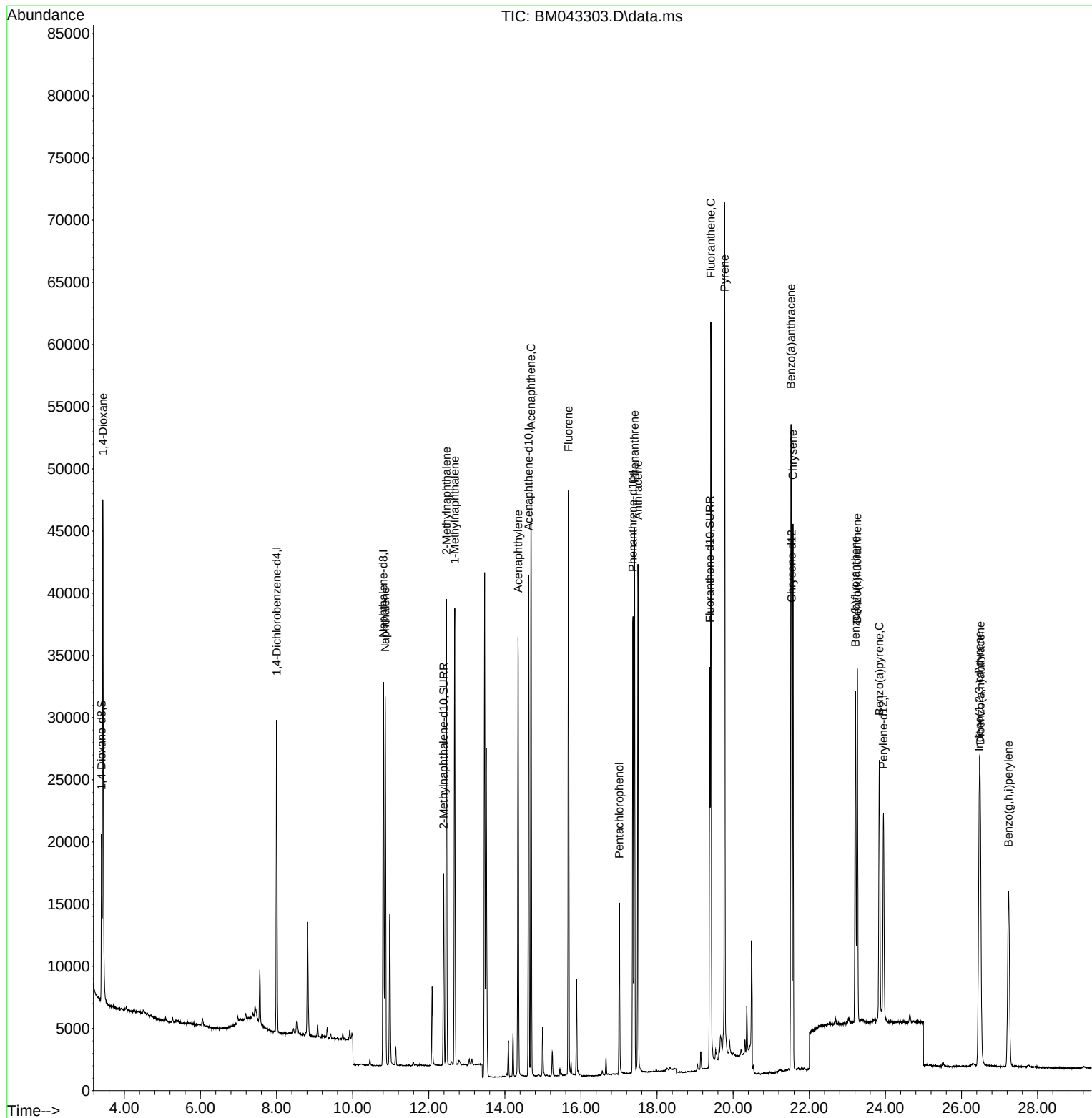
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	12601	0.400	ng/ul	0.00
4) Naphthalene-d8	10.807	136	41558	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.625	164	21745	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	41948	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	24239	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	23724	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	8641	0.543	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152	19704	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	31617	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.436	88	26857	1.682	ng/ul#	75
5) Naphthalene	10.856	128	40933	0.328	ng/ul	100
7) 2-Methylnaphthalene	12.462	142	26045	0.323	ng/ul	100
8) 1-Methylnaphthalene	12.682	142	25196	0.311	ng/ul	99
10) Acenaphthylene	14.347	152	40516	0.338	ng/ul	100
11) Acenaphthene	14.689	153	27847	0.320	ng/ul	98
12) Fluorene	15.675	166	30344	0.307	ng/ul	97
14) Pentachlorophenol	17.008	266	9365	1.008	ng/ul	98
15) Phenanthrene	17.409	178	46013	0.329	ng/ul	99
16) Anthracene	17.498	178	43800	0.345	ng/ul	100
19) Fluoranthene	19.413	202	48074	0.352	ng/ul#	92
20) Pyrene	19.775	202	51360	0.378	ng/ul#	93
21) Benzo(a)anthracene	21.518	228	40685	0.383	ng/ul	99
22) Chrysene	21.571	228	38314	0.341	ng/ul	99
24) Benzo(b)fluoranthene	23.211	252	36087	0.335	ng/ul	94
25) Benzo(k)fluoranthene	23.260	252	36620	0.328	ng/ul#	92
26) Benzo(a)pyrene	23.842	252	32646	0.367	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.465	276	38297	0.379	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.495	278	30557	0.381	ng/ul	95
29) Benzo(g,h,i)perylene	27.237	276	31021	0.359	ng/ul	96

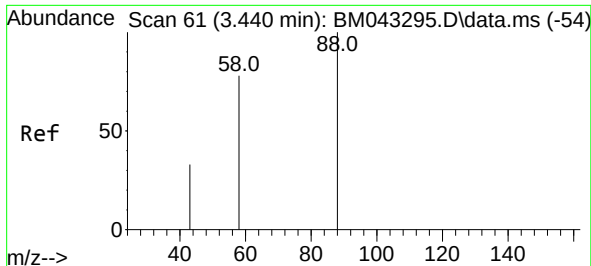
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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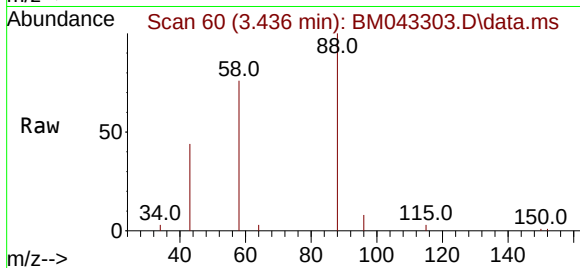
Quant Time: Dec 13 16:50:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
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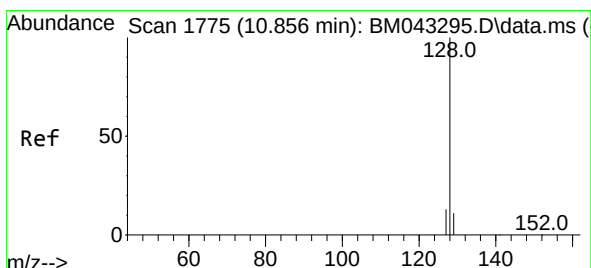
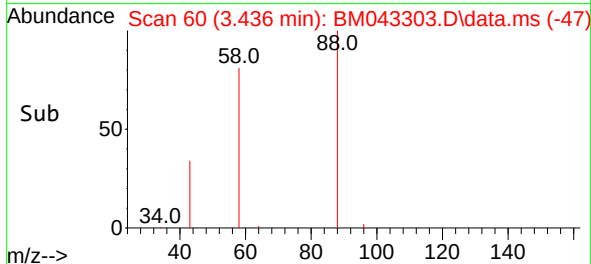
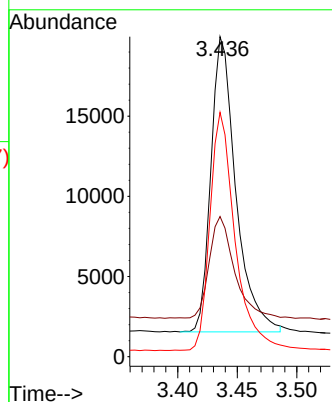


#2
 1,4-Dioxane
 Concen: 1.682 ng/ul
 RT: 3.436 min Scan# 60
 Delta R.T. -0.004 min
 Lab File: BM043303.D
 Acq: 13 Dec 2023 16:13

Instrument :
 BNA_M
 ClientSampleId :
 SLCS728

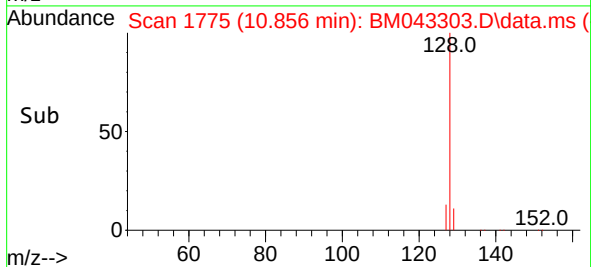
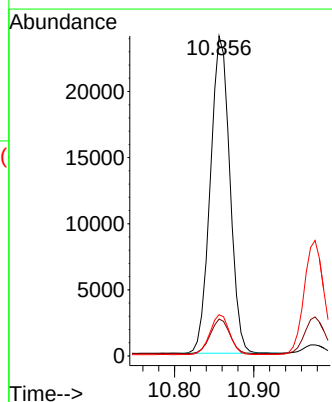
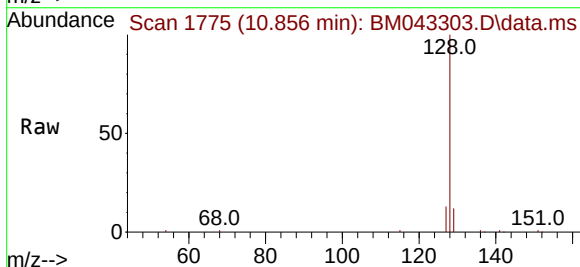


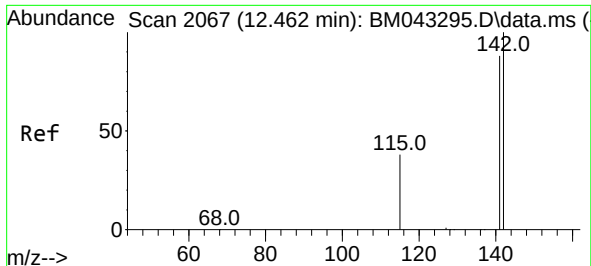
Tgt Ion: 88 Resp: 26857
 Ion Ratio Lower Upper
 88 100
 43 43.8 27.9 41.9#
 58 76.3 43.4 65.2#



#5
 Naphthalene
 Concen: 0.328 ng/ul
 RT: 10.856 min Scan# 1775
 Delta R.T. -0.011 min
 Lab File: BM043303.D
 Acq: 13 Dec 2023 16:13

Tgt Ion: 128 Resp: 40933
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.0 13.4
 127 12.9 10.3 15.5

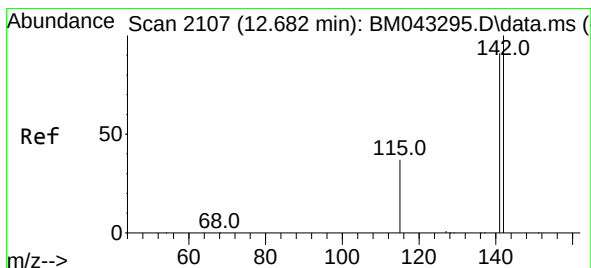
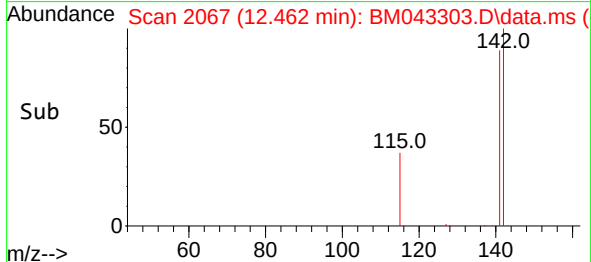
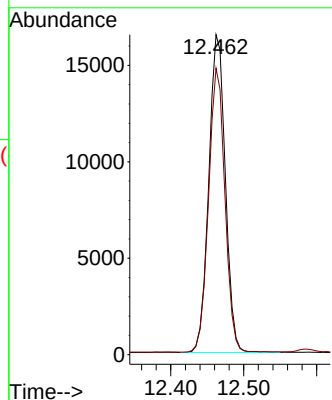
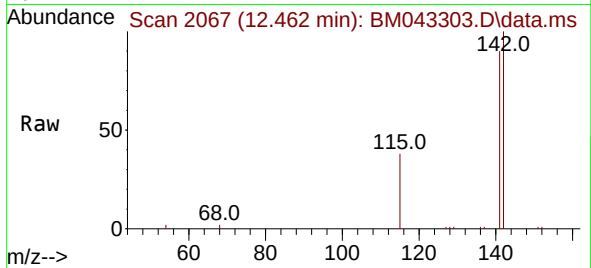




#7
2-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.462 min Scan# 2067
Delta R.T. -0.011 min
Lab File: BM043303.D
Acq: 13 Dec 2023 16:13

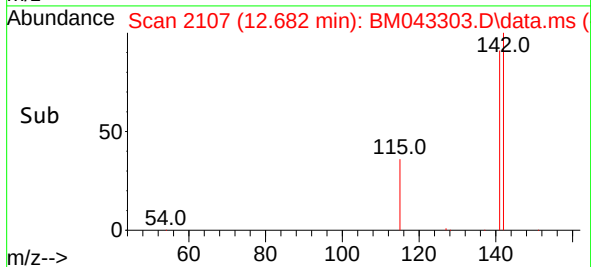
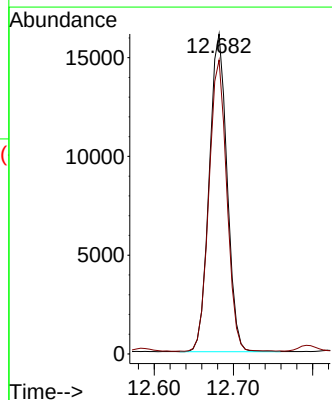
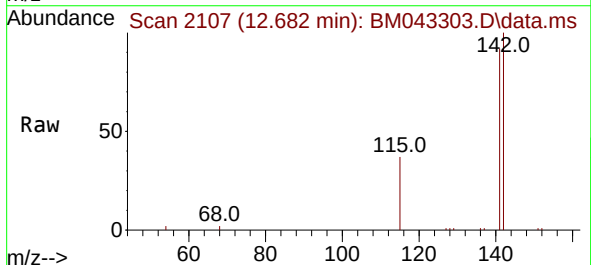
Instrument :
BNA_M
ClientSampleId :
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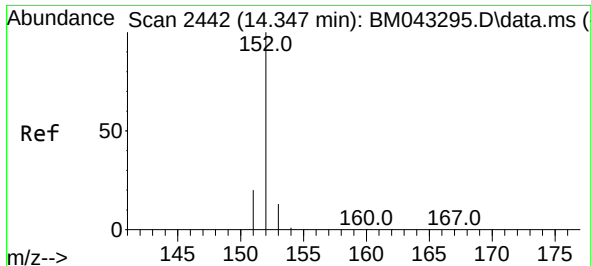
Tgt Ion:142 Resp: 26045
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. -0.005 min
Lab File: BM043303.D
Acq: 13 Dec 2023 16:13

Tgt Ion:142 Resp: 25196
Ion Ratio Lower Upper
142 100
141 91.4 73.7 110.5

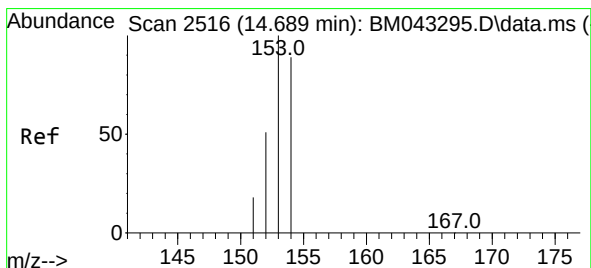
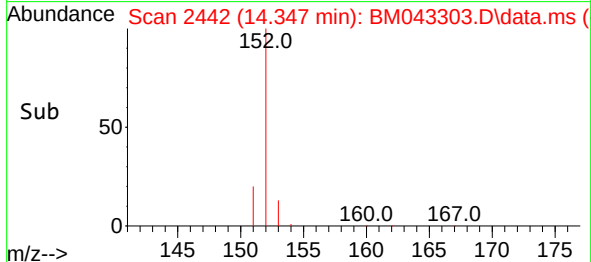
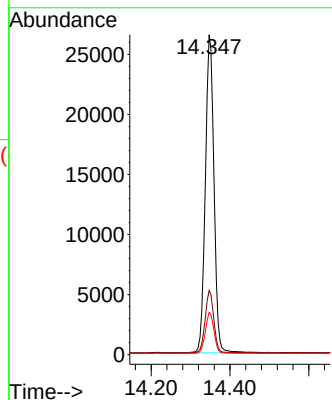
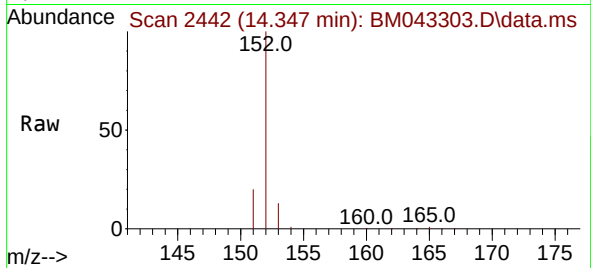




#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 14.347 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BM043303.D
Acq: 13 Dec 2023 16:13

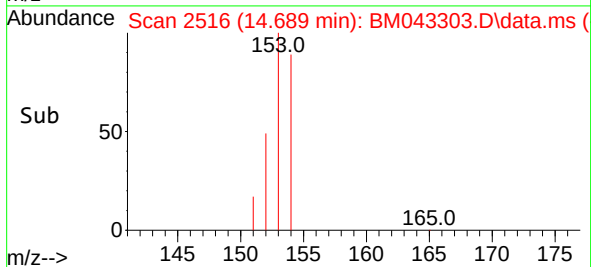
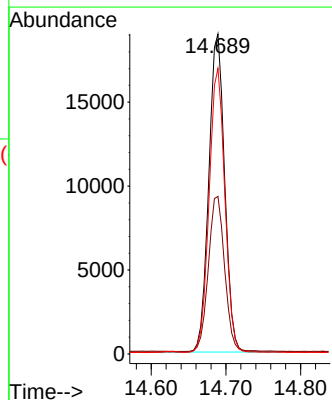
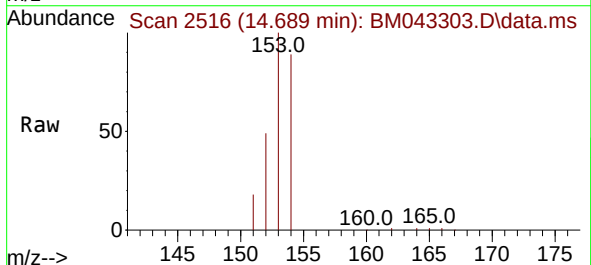
Instrument :
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ClientSampleId :
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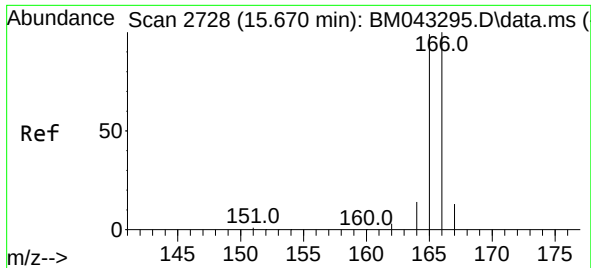
Tgt Ion:	152	Resp:	40516
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.2
153	13.2	10.4	15.6



#11
Acenaphthene
Concen: 0.320 ng/ul
RT: 14.689 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BM043303.D
Acq: 13 Dec 2023 16:13

Tgt Ion:	153	Resp:	27847
Ion Ratio	Lower	Upper	
153	100		
152	49.2	42.1	63.1
154	89.3	71.3	106.9

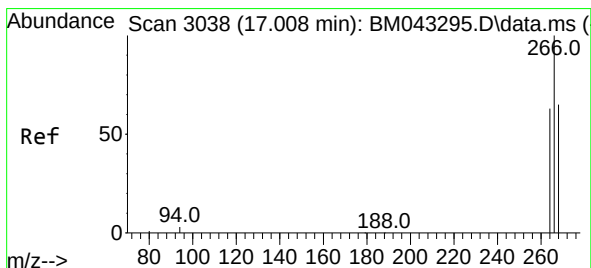
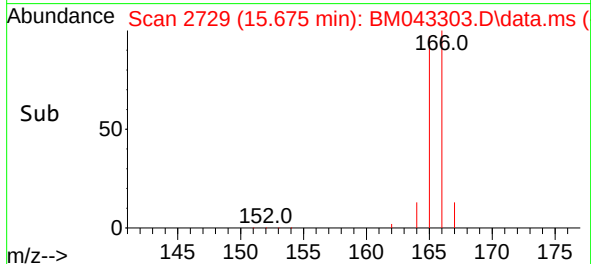
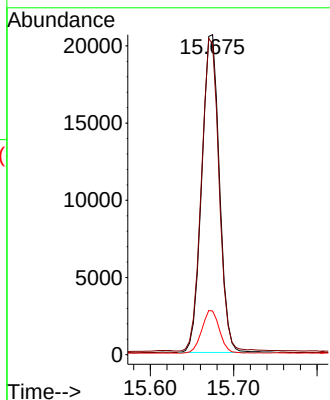
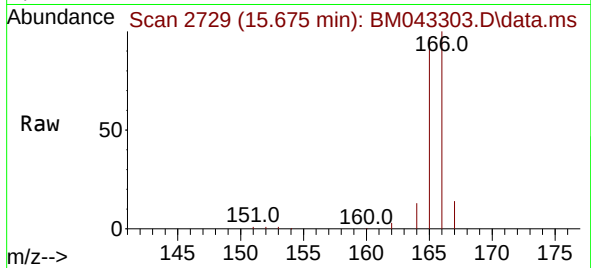




#12
 Fluorene
 Concen: 0.307 ng/ul
 RT: 15.675 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM043303.D
 Acq: 13 Dec 2023 16:13

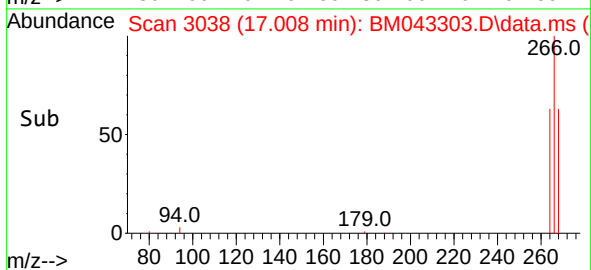
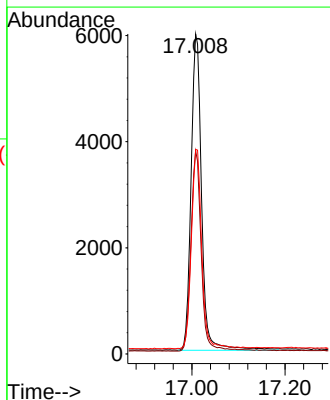
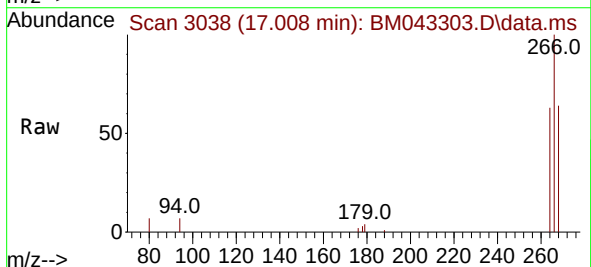
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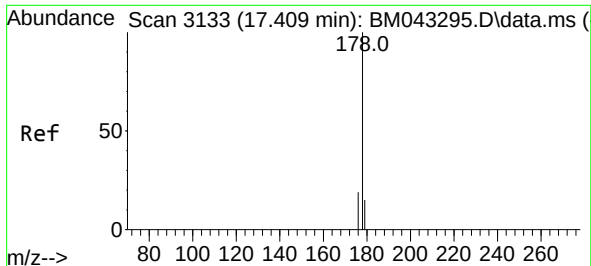
Tgt Ion:166 Resp: 30344
 Ion Ratio Lower Upper
 166 100
 165 97.0 80.3 120.5
 167 13.7 10.8 16.2



#14
 Pentachlorophenol
 Concen: 1.008 ng/ul
 RT: 17.008 min Scan# 3038
 Delta R.T. -0.004 min
 Lab File: BM043303.D
 Acq: 13 Dec 2023 16:13

Tgt Ion:266 Resp: 9365
 Ion Ratio Lower Upper
 266 100
 264 62.4 51.7 77.5
 268 63.6 51.9 77.9

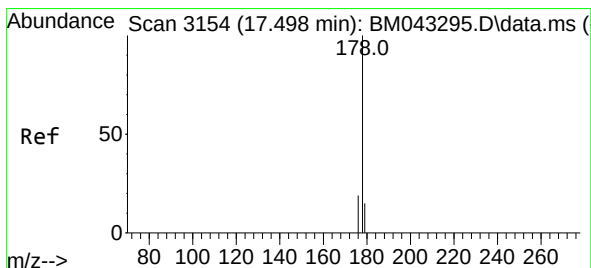
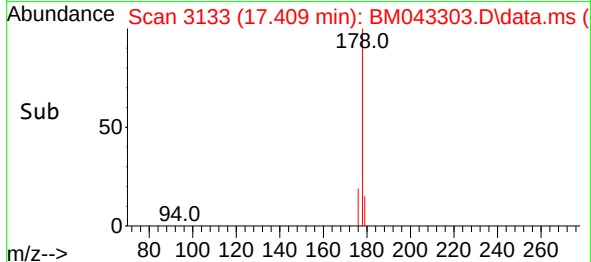
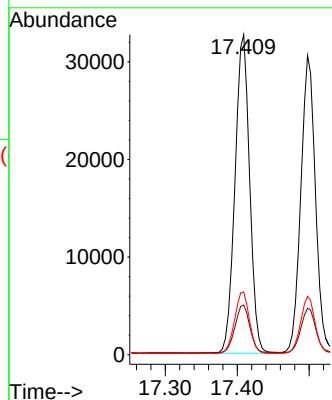
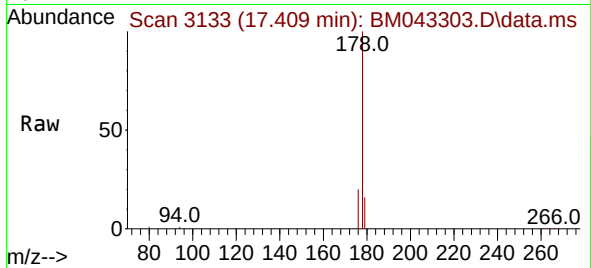




#15
Phenanthrene
Concen: 0.329 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BM043303.D
Acq: 13 Dec 2023 16:13

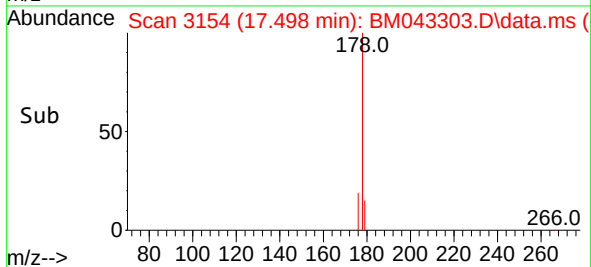
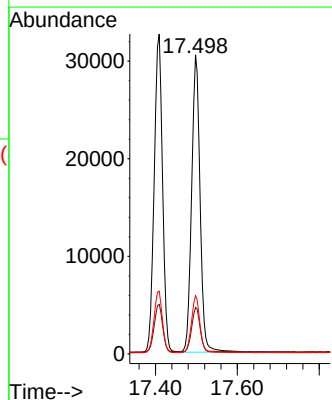
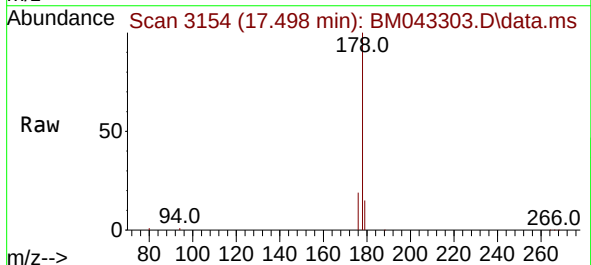
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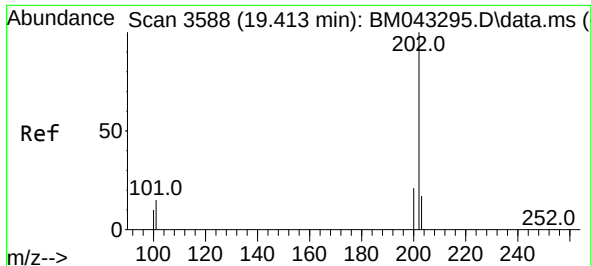
Tgt Ion:178 Resp: 46013
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.6 16.2 24.2



#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.498 min Scan# 3154
Delta R.T. -0.004 min
Lab File: BM043303.D
Acq: 13 Dec 2023 16:13

Tgt Ion:178 Resp: 43800
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.5 15.6 23.4

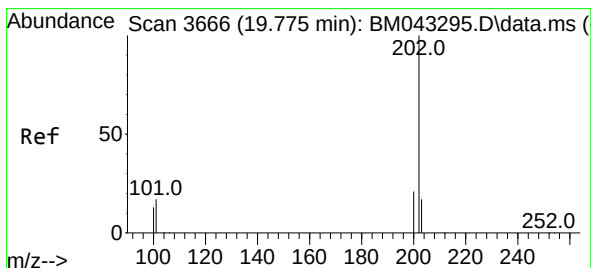
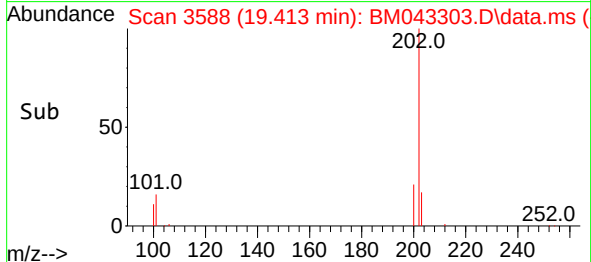
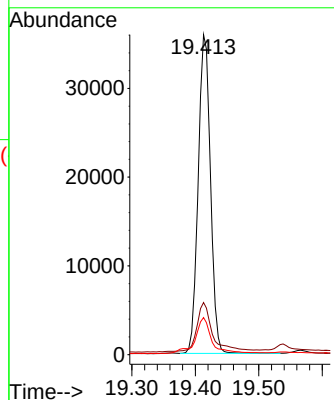
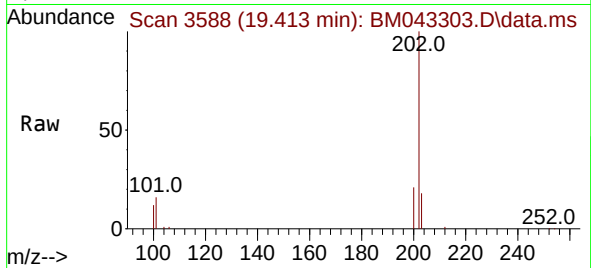




#19
Fluoranthene
Concen: 0.352 ng/u1
RT: 19.413 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BM043303.D
Acq: 13 Dec 2023 16:13

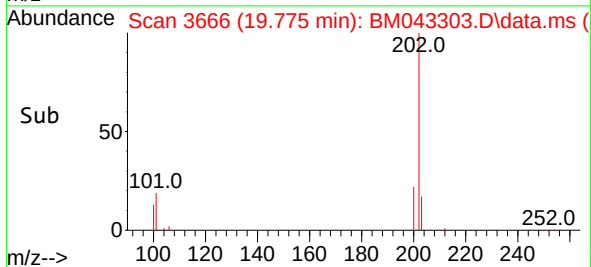
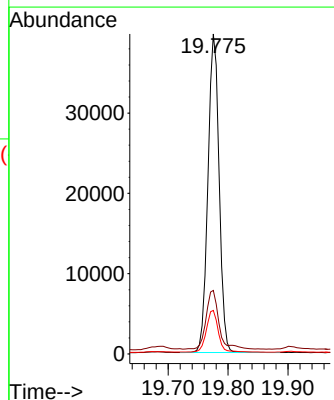
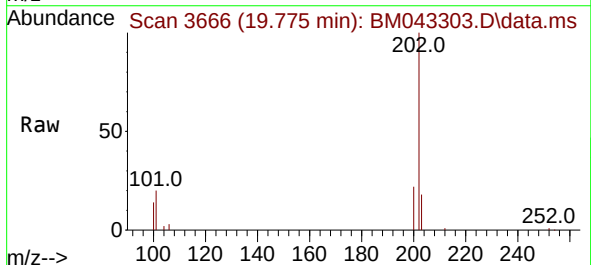
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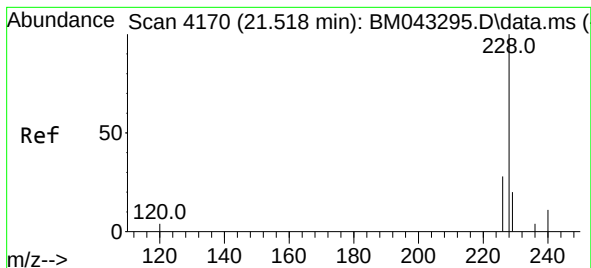
Tgt Ion:202 Resp: 48074
Ion Ratio Lower Upper
202 100
101 16.3 10.1 15.1#
100 11.6 7.4 11.2#



#20
Pyrene
Concen: 0.378 ng/u1
RT: 19.775 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BM043303.D
Acq: 13 Dec 2023 16:13

Tgt Ion:202 Resp: 51360
Ion Ratio Lower Upper
202 100
101 19.8 12.7 19.1#
100 13.6 9.8 14.8





#21

Benzo(a)anthracene

Concen: 0.383 ng/ul

RT: 21.518 min Scan# 4170

Delta R.T. 0.000 min

Lab File: BM043303.D

Acq: 13 Dec 2023 16:13

Instrument :

BNA_M

ClientSampleId :

SLCS728

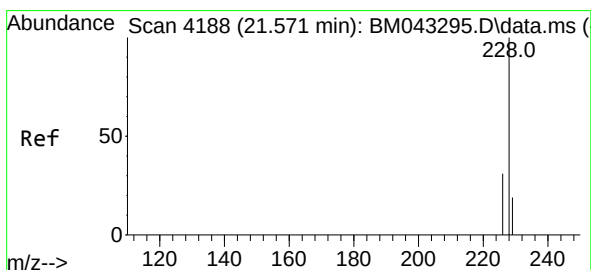
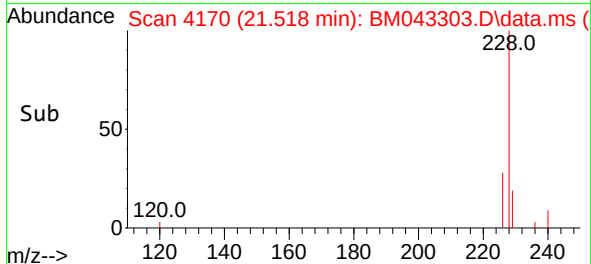
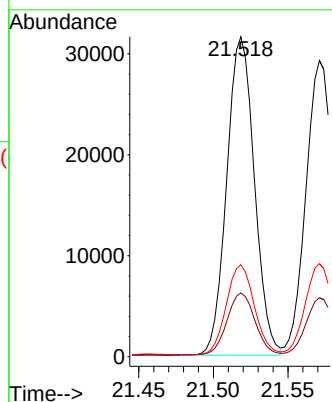
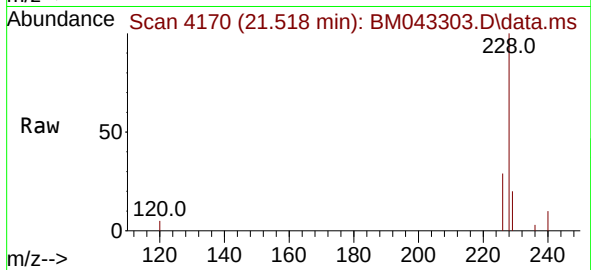
Tgt Ion:228 Resp: 40685

Ion Ratio Lower Upper

228 100

229 20.0 15.5 23.3

226 28.7 22.6 34.0



#22

Chrysene

Concen: 0.341 ng/ul

RT: 21.571 min Scan# 4188

Delta R.T. 0.000 min

Lab File: BM043303.D

Acq: 13 Dec 2023 16:13

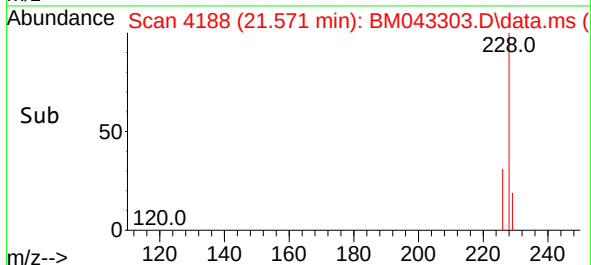
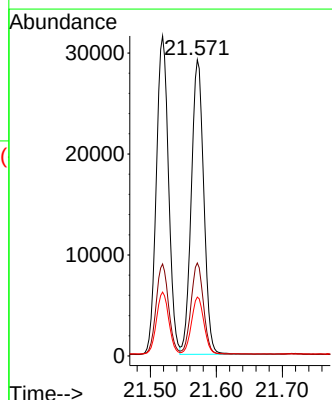
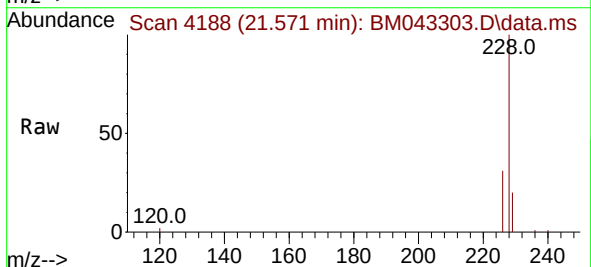
Tgt Ion:228 Resp: 38314

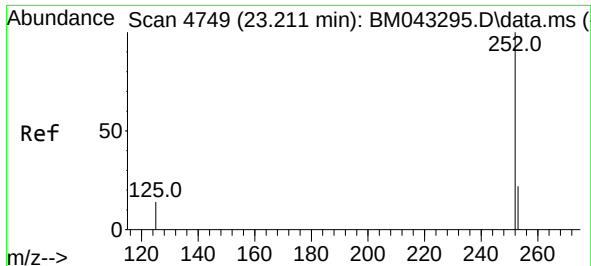
Ion Ratio Lower Upper

228 100

226 31.4 24.8 37.2

229 19.9 15.7 23.5

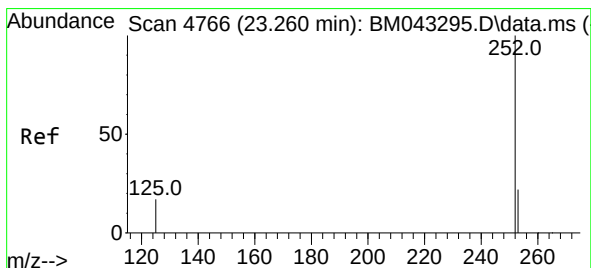
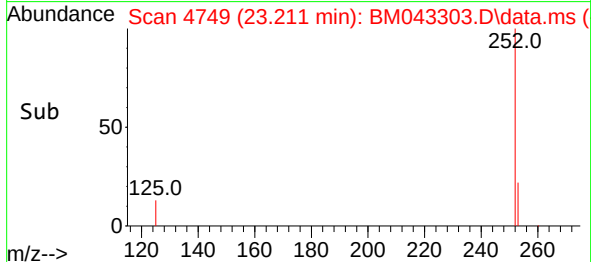
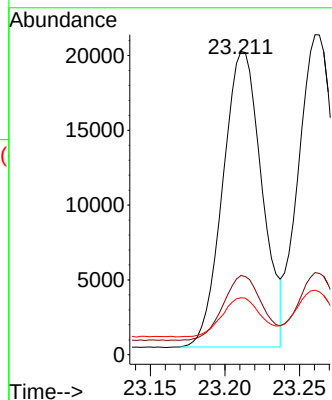
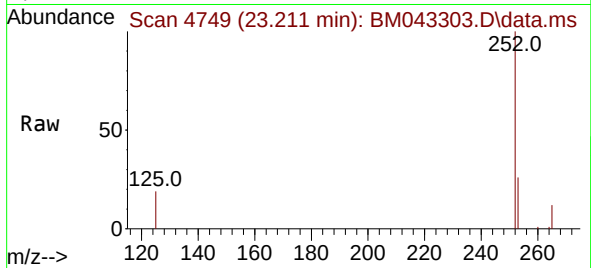




#24
Benzo(b)fluoranthene
Concen: 0.335 ng/ul
RT: 23.211 min Scan# 4749
Delta R.T. -0.003 min
Lab File: BM043303.D
Acq: 13 Dec 2023 16:13

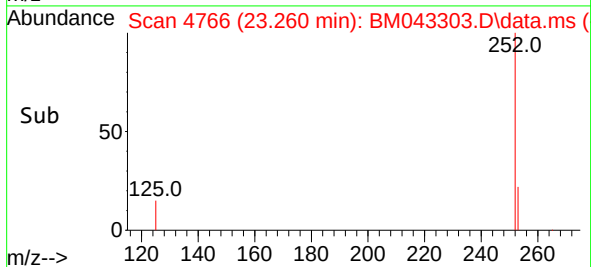
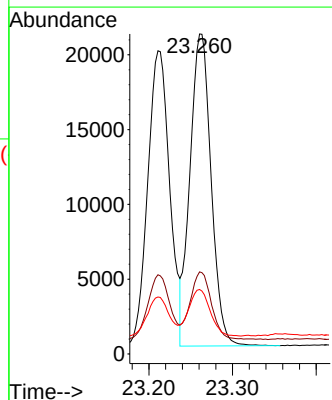
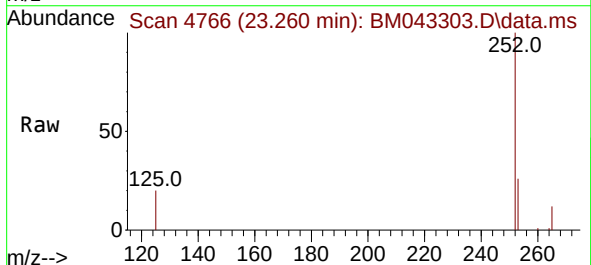
Instrument :
BNA_M
ClientSampleId :
SLCS728

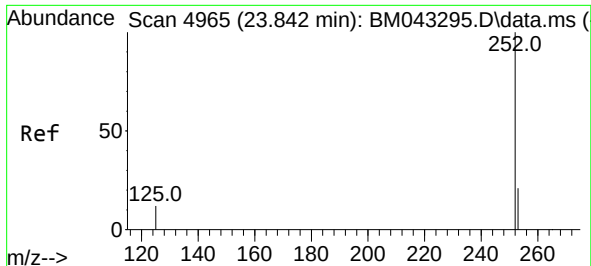
Tgt Ion:252 Resp: 36087
Ion Ratio Lower Upper
252 100
253 26.1 0.0 48.8
125 18.8 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.328 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.003 min
Lab File: BM043303.D
Acq: 13 Dec 2023 16:13

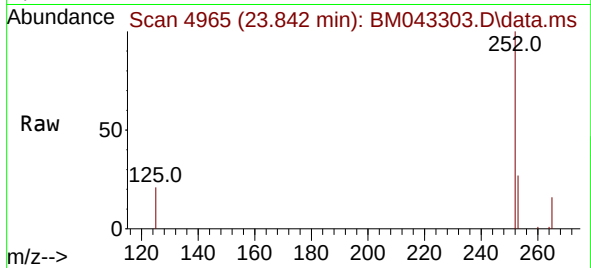
Tgt Ion:252 Resp: 36620
Ion Ratio Lower Upper
252 100
253 25.7 18.6 28.0
125 20.1 11.8 17.8#



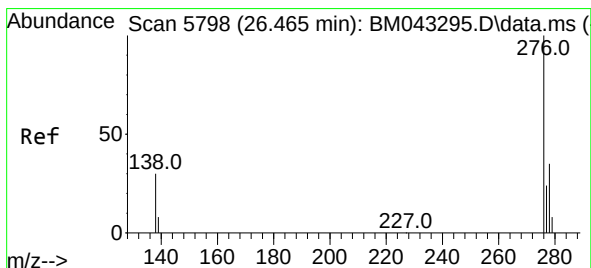
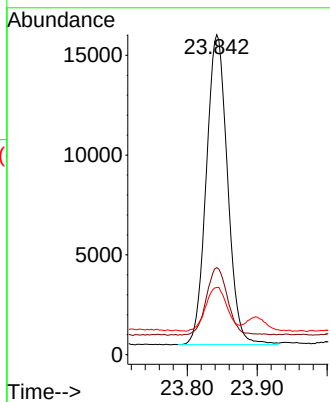
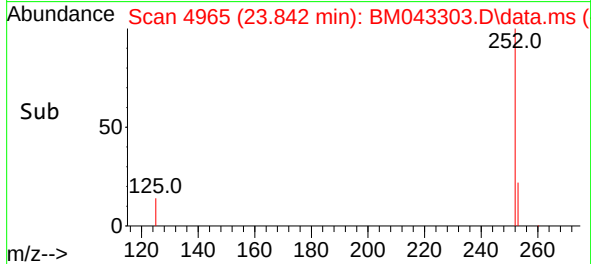


#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.842 min Scan# 4965
Delta R.T. -0.003 min
Lab File: BM043303.D
Acq: 13 Dec 2023 16:13

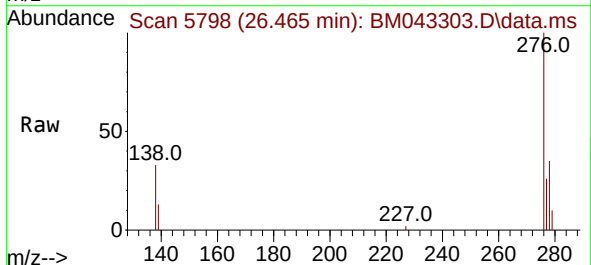
Instrument :
BNA_M
ClientSampleId :
SLCS728



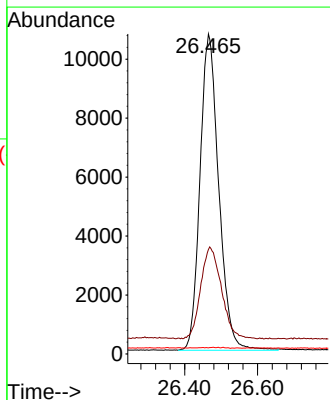
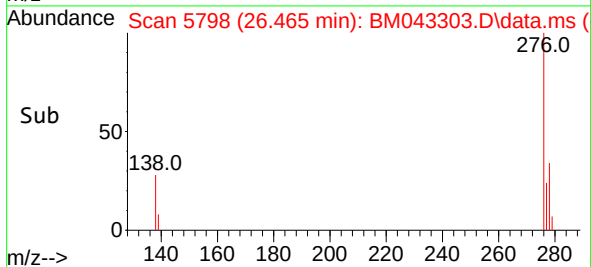
Tgt Ion:252 Resp: 32646
Ion Ratio Lower Upper
252 100
253 27.2 20.2 30.2
125 21.0 13.5 20.3#

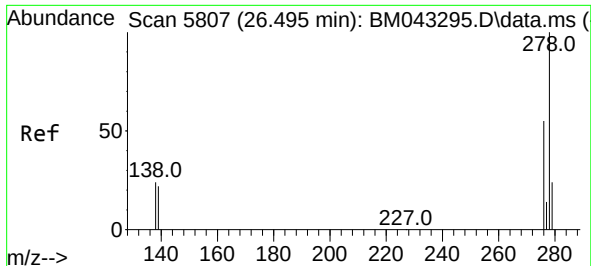


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng/ul
RT: 26.465 min Scan# 5798
Delta R.T. -0.006 min
Lab File: BM043303.D
Acq: 13 Dec 2023 16:13



Tgt Ion:276 Resp: 38297
Ion Ratio Lower Upper
276 100
138 31.9 24.6 36.8
227 0.1 0.0 0.0#

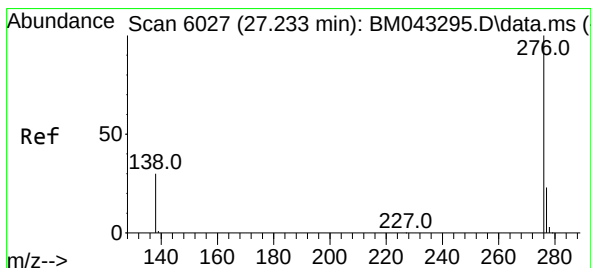
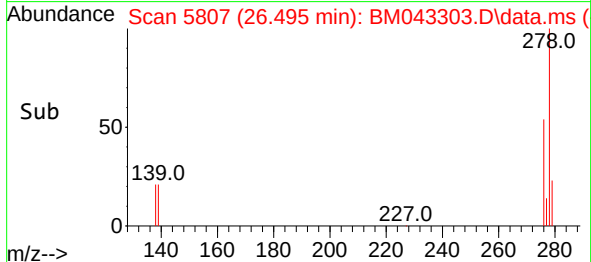
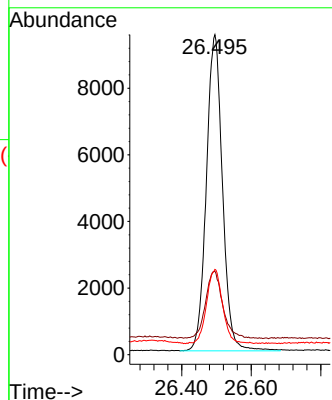
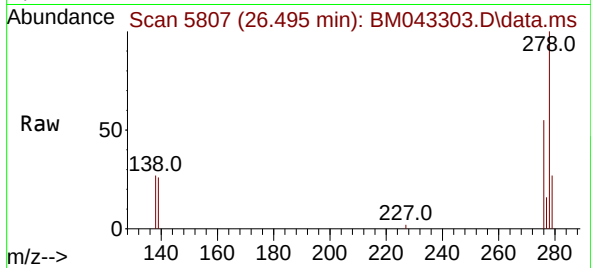




#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 26.495 min Scan# 5807
Delta R.T. -0.006 min
Lab File: BM043303.D
Acq: 13 Dec 2023 16:13

Instrument :
BNA_M
ClientSampleId :
SLCS728

Tgt Ion:278 Resp: 30557
Ion Ratio Lower Upper
278 100
139 26.1 17.4 26.2
279 26.7 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.359 ng/ul
RT: 27.237 min Scan# 6028
Delta R.T. -0.003 min
Lab File: BM043303.D
Acq: 13 Dec 2023 16:13

Tgt Ion:276 Resp: 31021
Ion Ratio Lower Upper
276 100
138 32.8 23.1 34.7
277 24.6 19.4 29.0

