

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
 Data File : BM043248.D
 Acq On : 12 Dec 2023 04:35
 Operator : MA/JU
 Sample : PB157626BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS626

Quant Time: Dec 12 05:26:43 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

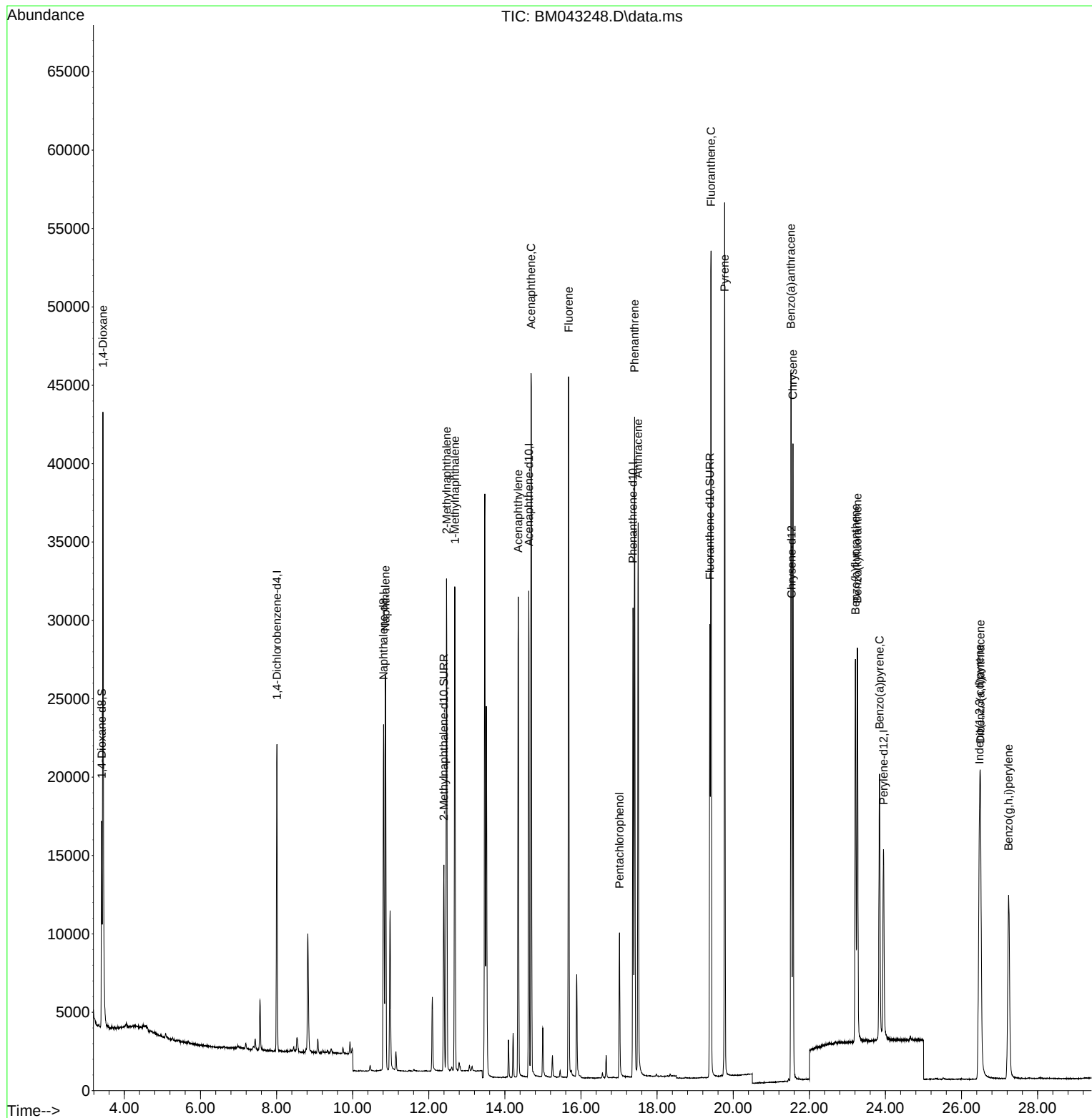
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	9700	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	29379	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.629	164	16684	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	34370	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	19698	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	17771	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	8841	0.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	16685	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	28694	0.408	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	27082	2.203	ng/ul#	82
5) Naphthalene	10.862	128	34366	0.389	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	22359	0.392	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	21821	0.382	ng/ul	100
10) Acenaphthylene	14.351	152	35351	0.385	ng/ul	99
11) Acenaphthene	14.689	153	25625	0.383	ng/ul	98
12) Fluorene	15.675	166	28582	0.377	ng/ul	99
14) Pentachlorophenol	17.012	266	6641	0.872	ng/ul	98
15) Phenanthrene	17.409	178	44836	0.391	ng/ul	100
16) Anthracene	17.502	178	40412	0.388	ng/ul	100
19) Fluoranthene	19.417	202	44657	0.402	ng/ul	99
20) Pyrene	19.775	202	44344	0.402	ng/ul	98
21) Benzo(a)anthracene	21.518	228	35394	0.409	ng/ul	99
22) Chrysene	21.571	228	37242	0.408	ng/ul	99
24) Benzo(b)fluoranthene	23.214	252	33563	0.416	ng/ul	99
25) Benzo(k)fluoranthene	23.263	252	34156	0.408	ng/ul	98
26) Benzo(a)pyrene	23.845	252	27859	0.419	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.471	276	31781	0.419	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.498	278	25265	0.421	ng/ul	99
29) Benzo(g,h,i)perylene	27.236	276	26749	0.414	ng/ul	99

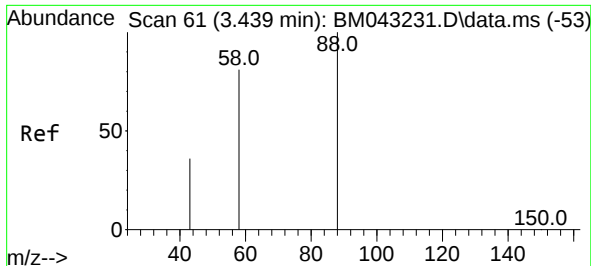
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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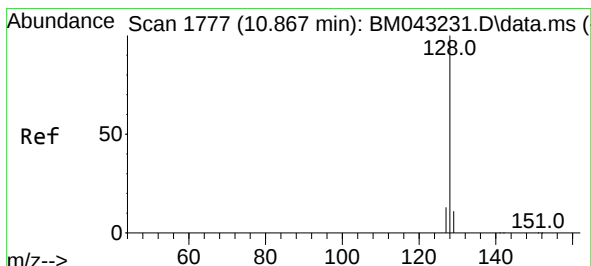
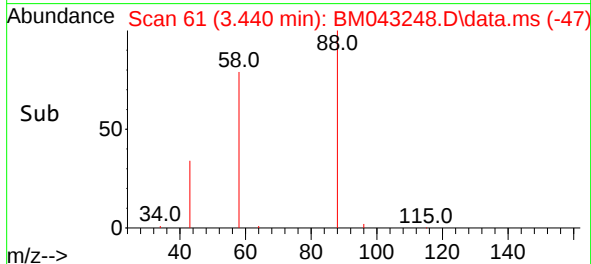
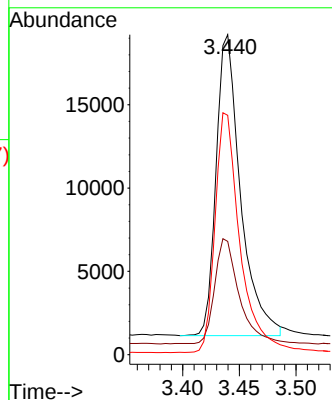
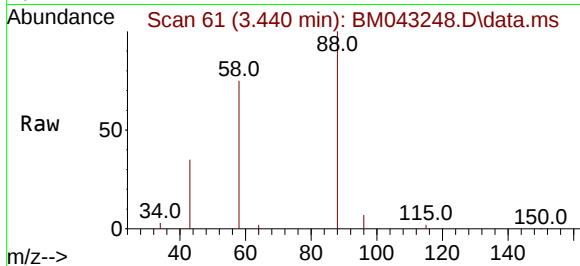




#2
1,4-Dioxane
Concen: 2.203 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

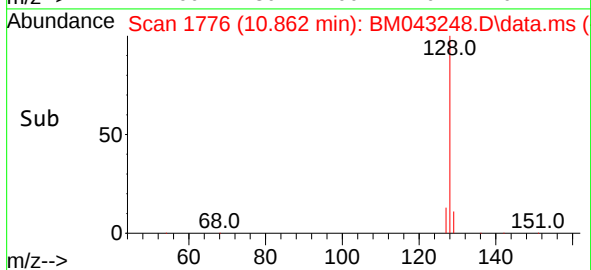
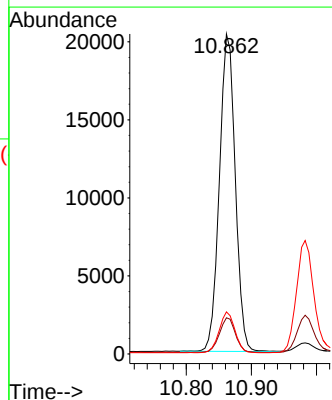
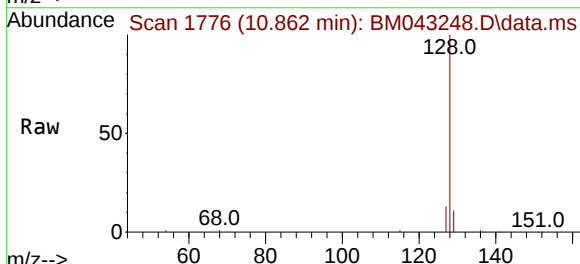
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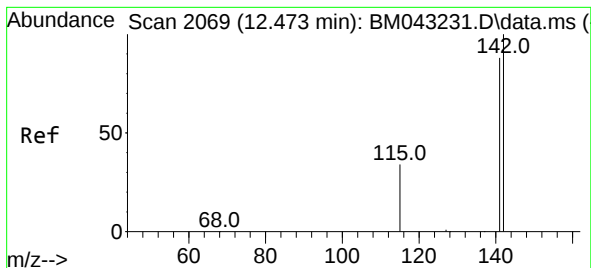
Tgt Ion: 88 Resp: 27082
Ion Ratio Lower Upper
88 100
43 35.4 27.9 41.9
58 74.8 43.4 65.2#



#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

Tgt Ion: 128 Resp: 34366
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.1 10.3 15.5

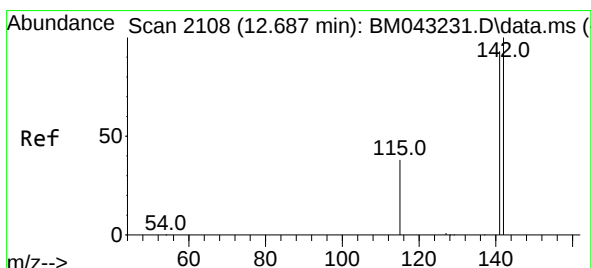
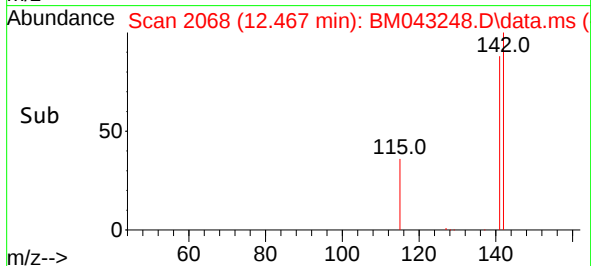
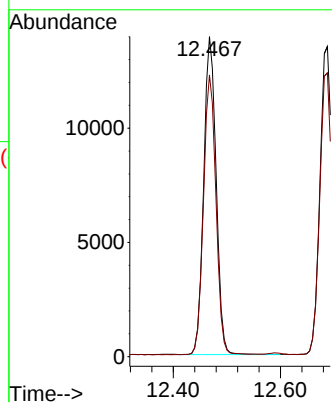
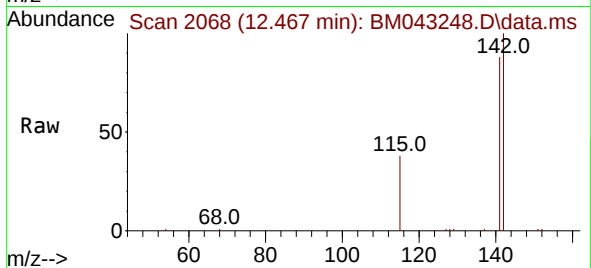




#7
2-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. -0.005 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

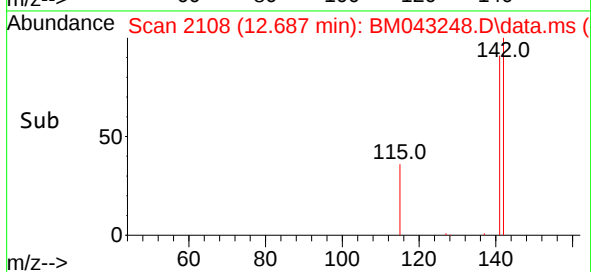
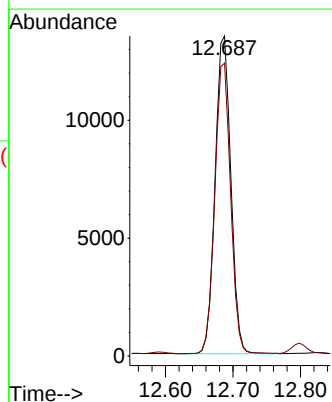
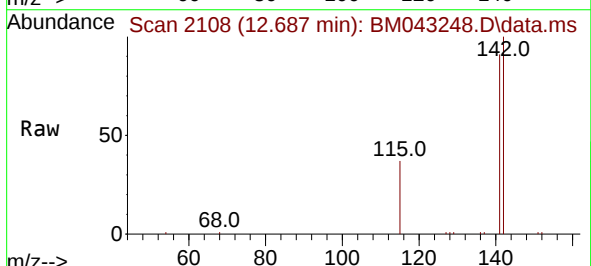
Instrument :
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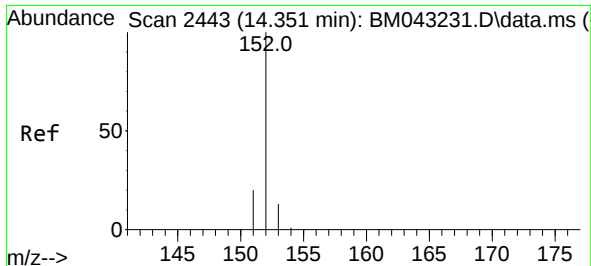
Tgt Ion:142 Resp: 22359
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

Tgt Ion:142 Resp: 21821
Ion Ratio Lower Upper
142 100
141 91.7 73.7 110.5

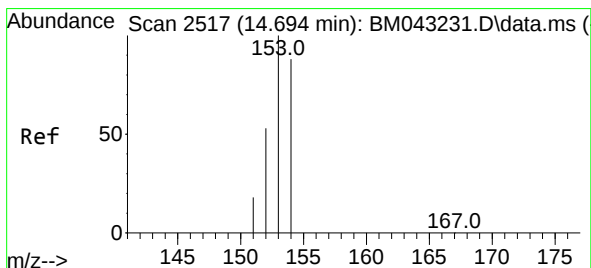
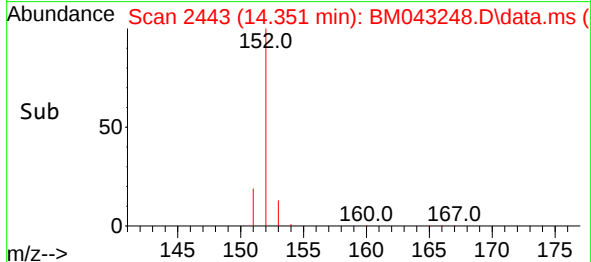
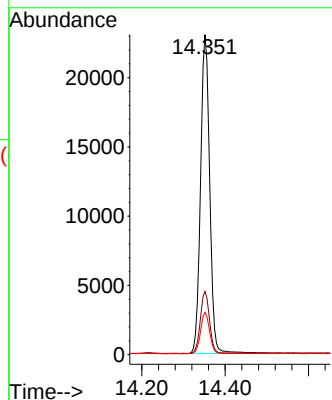
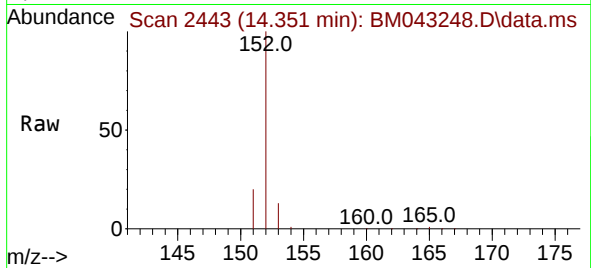




#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 14.351 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

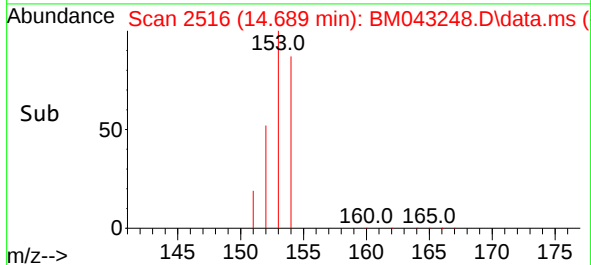
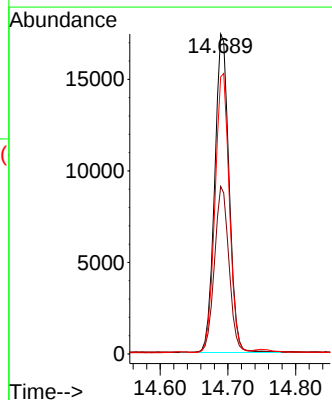
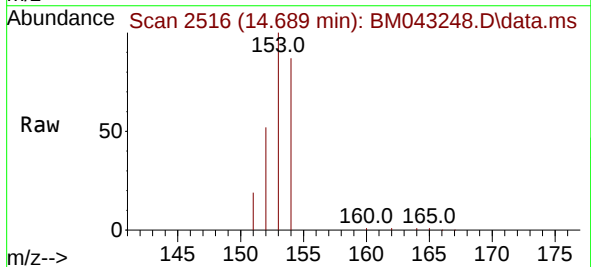
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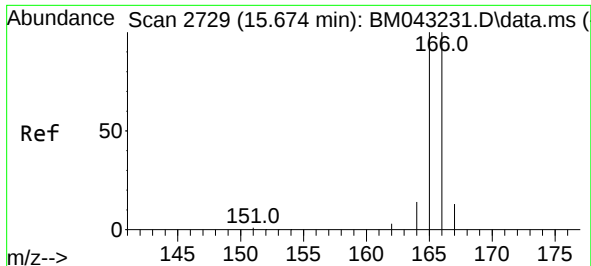
Tgt Ion:152 Resp: 35351
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.2 10.4 15.6



#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.689 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

Tgt Ion:153 Resp: 25625
Ion Ratio Lower Upper
153 100
152 52.3 42.1 63.1
154 86.6 71.3 106.9

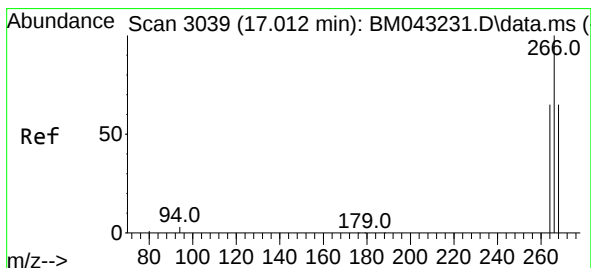
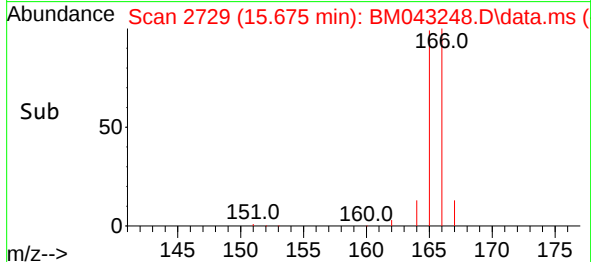
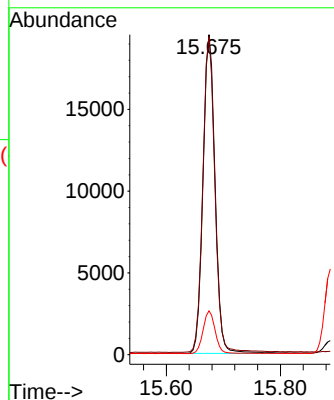
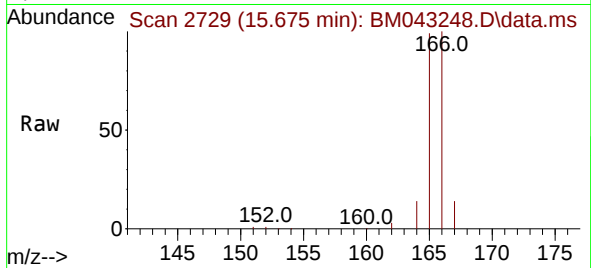




#12
 Fluorene
 Concen: 0.377 ng/ul
 RT: 15.675 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM043248.D
 Acq: 12 Dec 2023 04:35

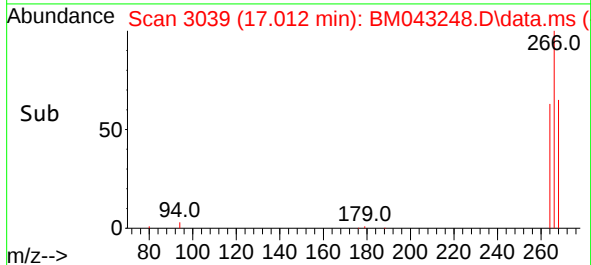
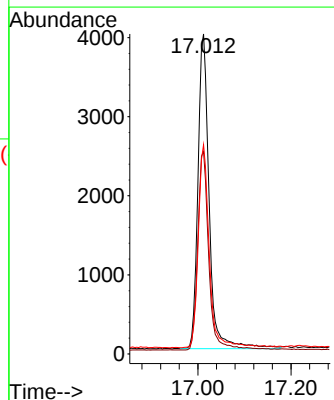
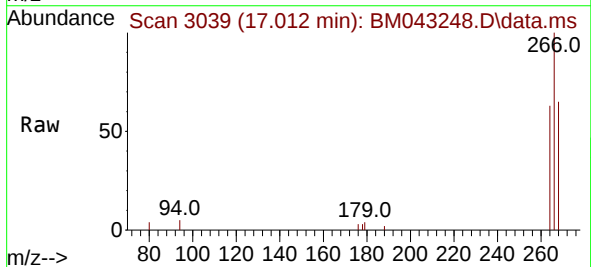
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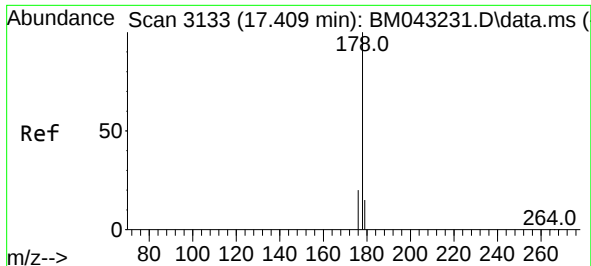
Tgt Ion:166 Resp: 28582
 Ion Ratio Lower Upper
 166 100
 165 99.4 80.3 120.5
 167 13.7 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.872 ng/ul
 RT: 17.012 min Scan# 3039
 Delta R.T. 0.000 min
 Lab File: BM043248.D
 Acq: 12 Dec 2023 04:35

Tgt Ion:266 Resp: 6641
 Ion Ratio Lower Upper
 266 100
 264 62.6 51.7 77.5
 268 64.3 51.9 77.9

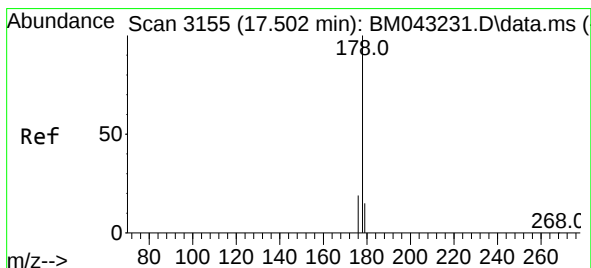
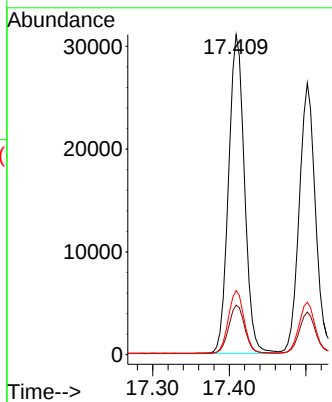
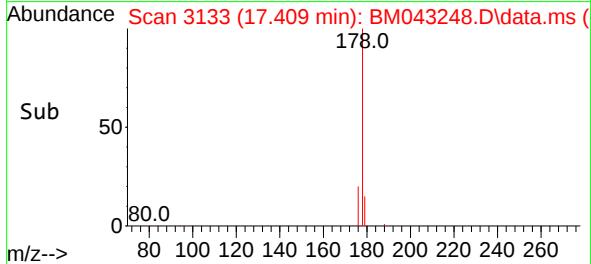
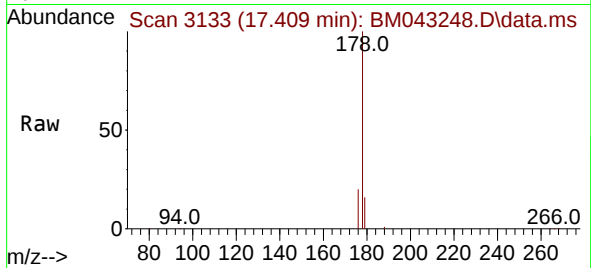




#15
Phenanthrene
Concen: 0.391 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

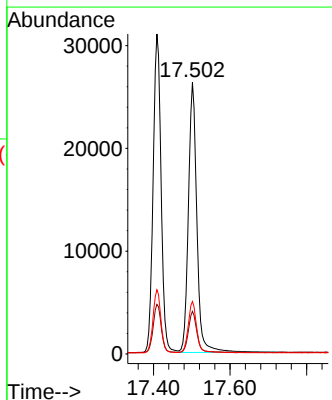
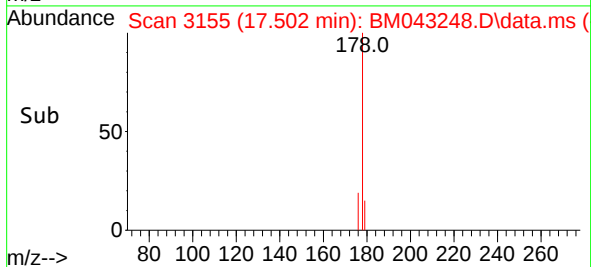
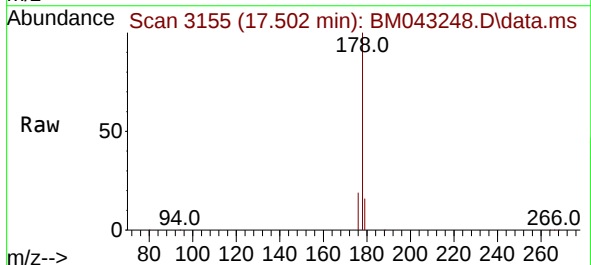
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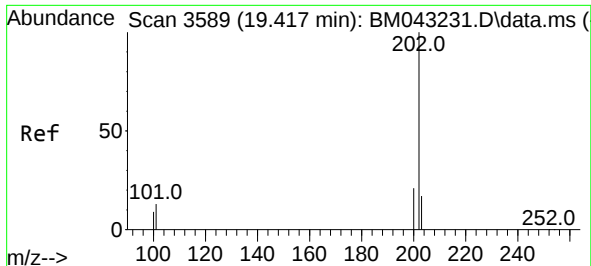
Tgt Ion:178 Resp: 44836
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 20.1 16.2 24.2



#16
Anthracene
Concen: 0.388 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

Tgt Ion:178 Resp: 40412
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.3 15.6 23.4

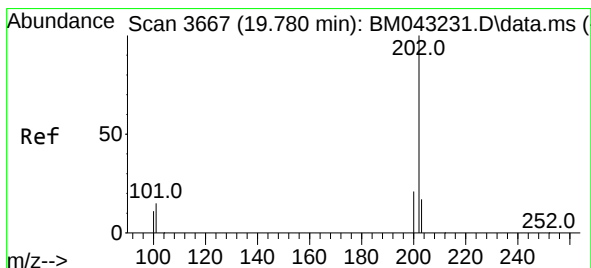
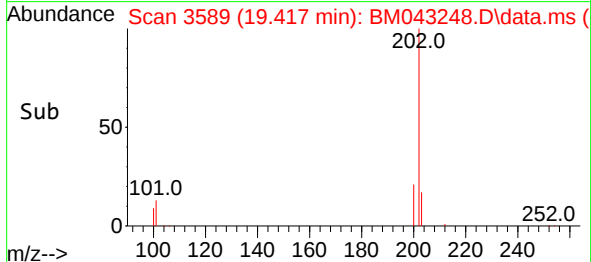
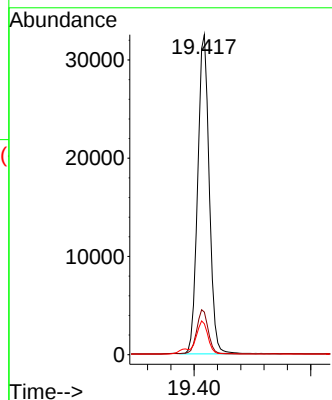
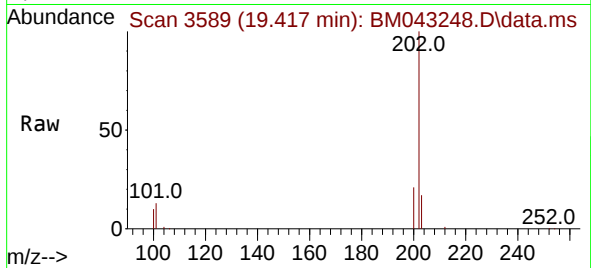




#19
Fluoranthene
Concen: 0.402 ng/ul
RT: 19.417 min Scan# 3589
Delta R.T. 0.000 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

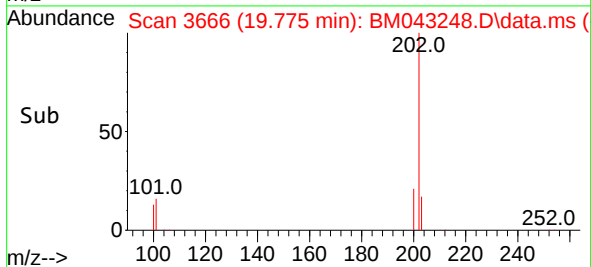
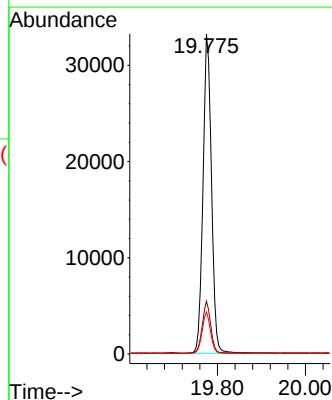
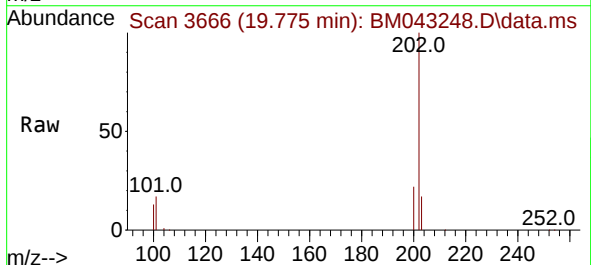
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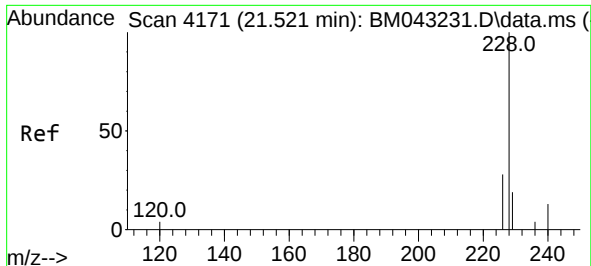
Tgt Ion:202 Resp: 44657
Ion Ratio Lower Upper
202 100
101 13.3 10.1 15.1
100 9.7 7.4 11.2



#20
Pyrene
Concen: 0.402 ng/ul
RT: 19.775 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

Tgt Ion:202 Resp: 44344
Ion Ratio Lower Upper
202 100
101 16.5 12.7 19.1
100 13.1 9.8 14.8

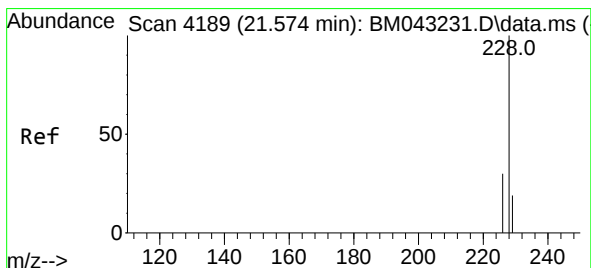
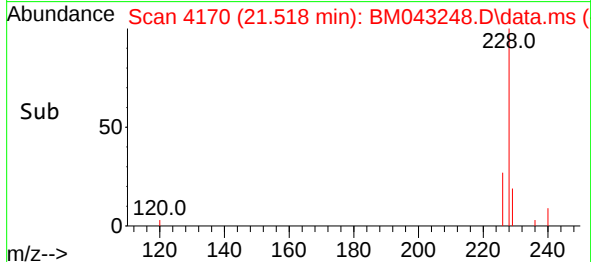
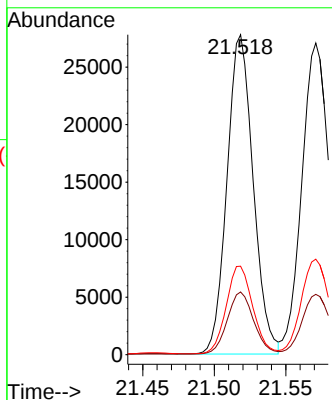
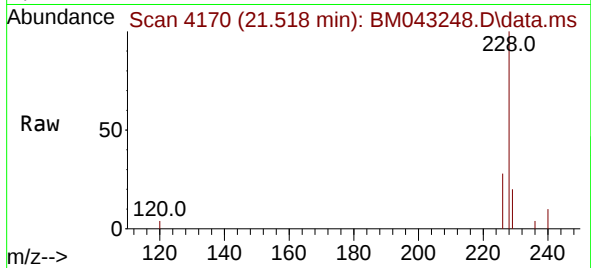




#21
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

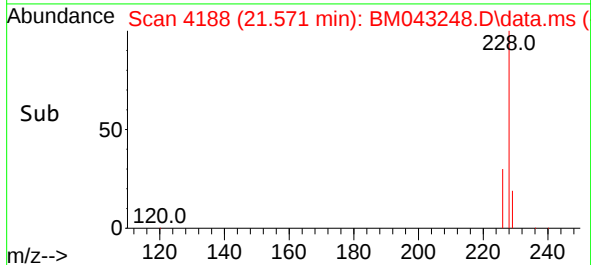
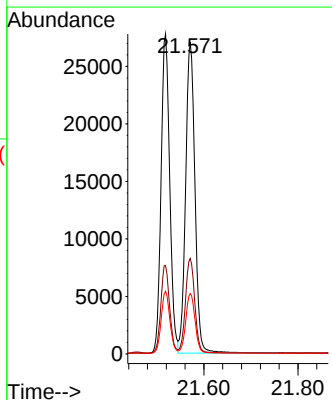
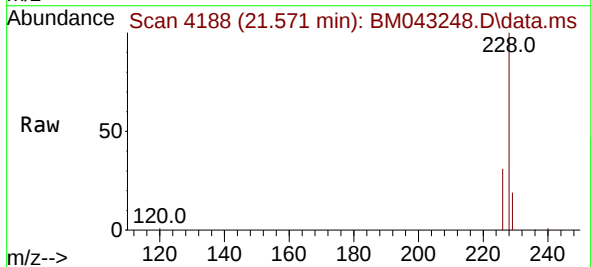
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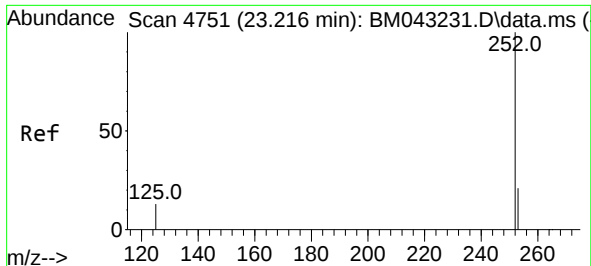
Tgt Ion:228 Resp: 35394
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 27.6 22.6 34.0



#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.000 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

Tgt Ion:228 Resp: 37242
Ion Ratio Lower Upper
228 100
226 30.6 24.8 37.2
229 19.4 15.7 23.5

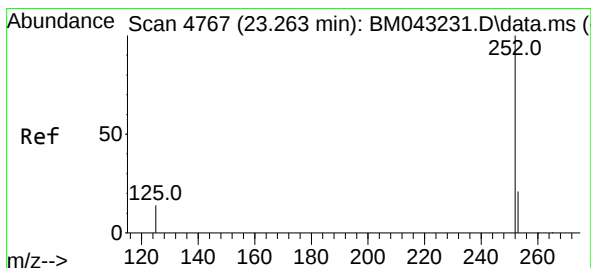
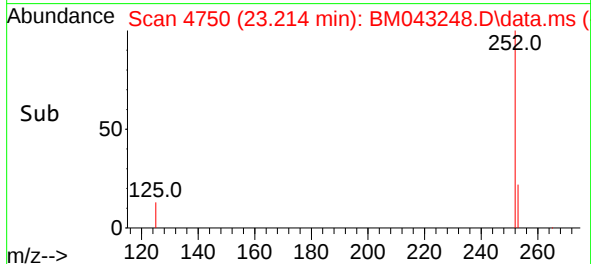
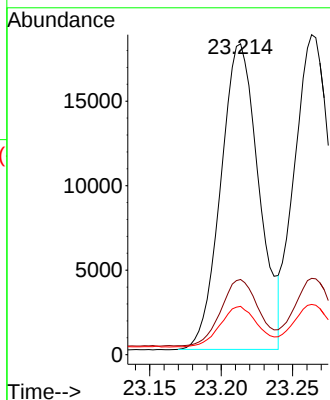
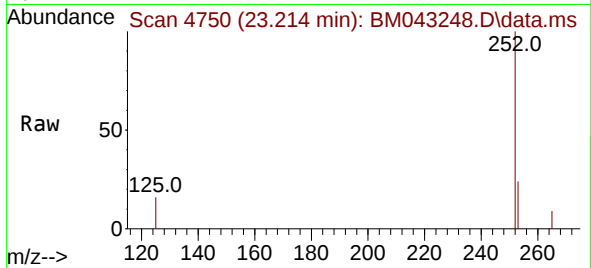




#24
Benzo(b)fluoranthene
Concen: 0.416 ng/ul
RT: 23.214 min Scan# 4750
Delta R.T. 0.000 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

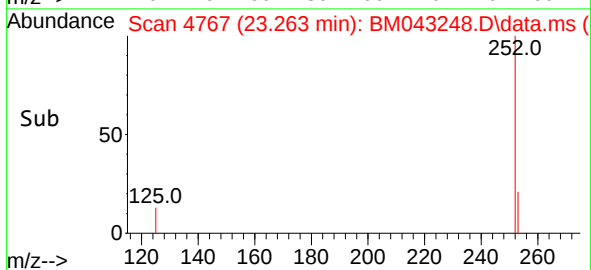
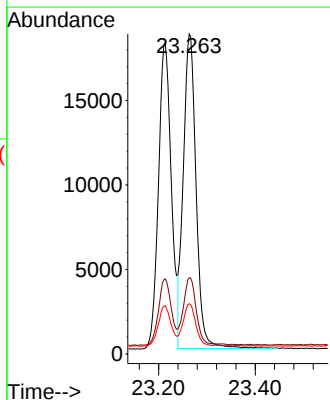
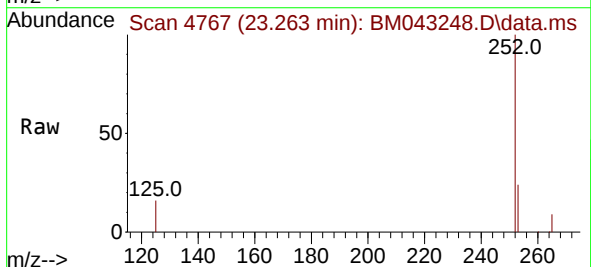
Instrument :
BNA_M
ClientSampleId :
SLCS626

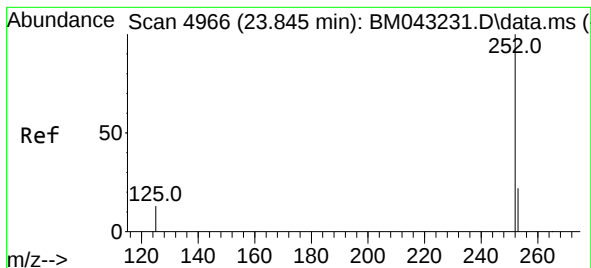
Tgt Ion:252 Resp: 33563
Ion Ratio Lower Upper
252 100
253 24.2 0.0 48.8
125 15.6 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.408 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. 0.000 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

Tgt Ion:252 Resp: 34156
Ion Ratio Lower Upper
252 100
253 23.9 18.6 28.0
125 15.7 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.419 ng/ul

RT: 23.845 min Scan# 4966

Delta R.T. 0.000 min

Lab File: BM043248.D

Acq: 12 Dec 2023 04:35

Instrument :

BNA_M

ClientSampleId :

SLCS626

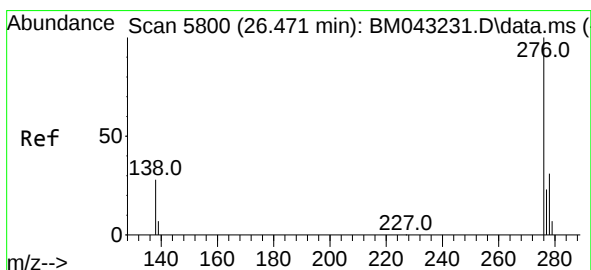
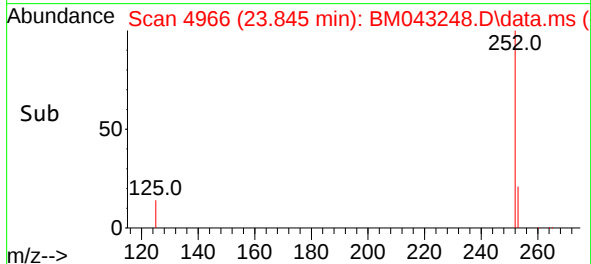
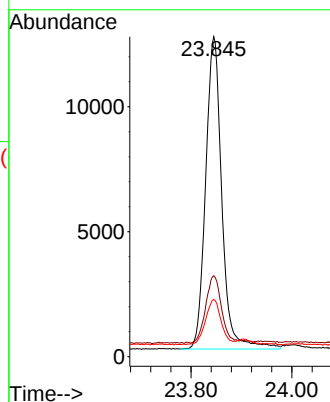
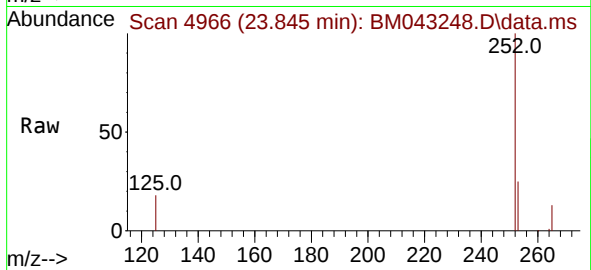
Tgt Ion:252 Resp: 27859

Ion Ratio Lower Upper

252 100

253 25.3 20.2 30.2

125 17.9 13.5 20.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.419 ng/ul

RT: 26.471 min Scan# 5800

Delta R.T. -0.000 min

Lab File: BM043248.D

Acq: 12 Dec 2023 04:35

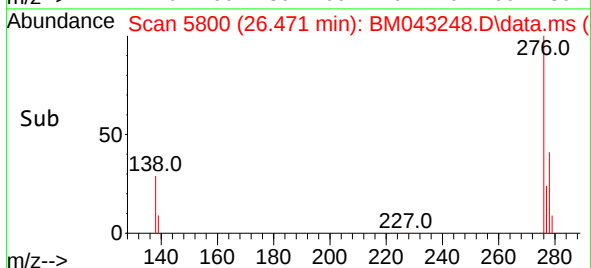
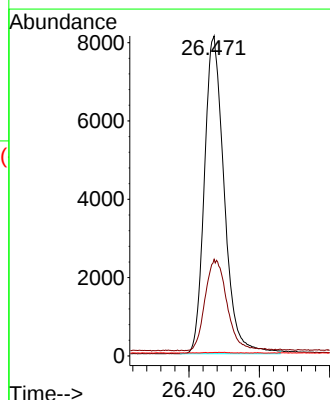
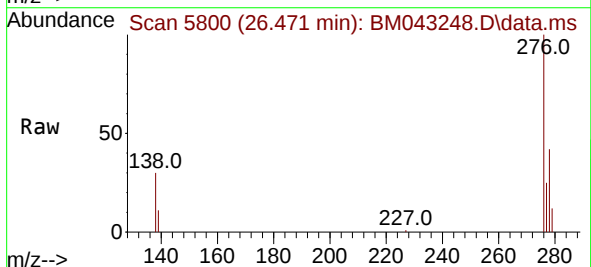
Tgt Ion:276 Resp: 31781

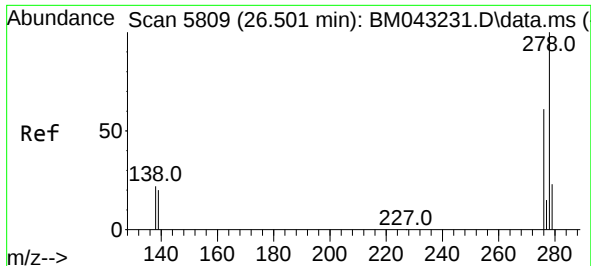
Ion Ratio Lower Upper

276 100

138 31.8 24.6 36.8

227 0.1 0.0 0.0#

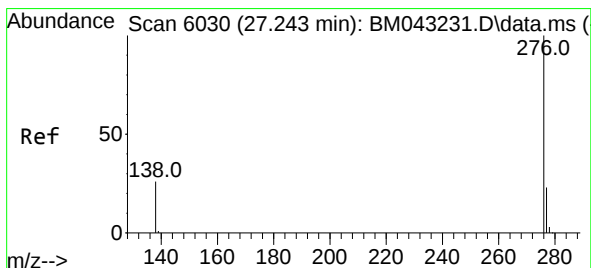
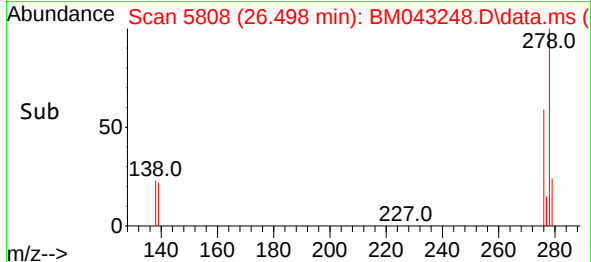
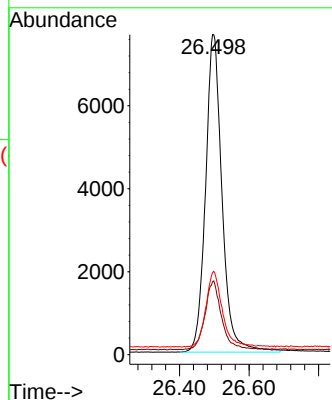
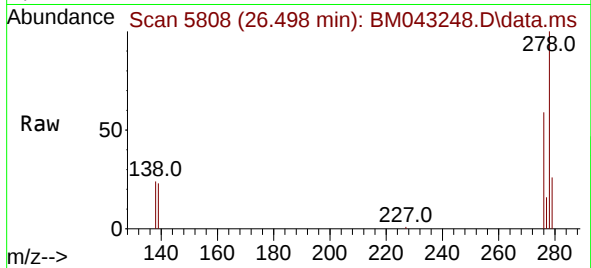




#28
Dibenzo(a,h)anthracene
Concen: 0.421 ng/ul
RT: 26.498 min Scan# 5809
Delta R.T. -0.003 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

Instrument :
BNA_M
ClientSampleId :
SLCS626

Tgt Ion:278 Resp: 25265
Ion Ratio Lower Upper
278 100
139 23.1 17.4 26.2
279 26.1 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 27.236 min Scan# 6028
Delta R.T. -0.003 min
Lab File: BM043248.D
Acq: 12 Dec 2023 04:35

Tgt Ion:276 Resp: 26749
Ion Ratio Lower Upper
276 100
138 29.5 23.1 34.7
277 24.1 19.4 29.0

