

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
 Data File : BM043247.D
 Acq On : 12 Dec 2023 03:59
 Operator : MA/JU
 Sample : PB157628BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS628

Quant Time: Dec 12 04:30:54 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)

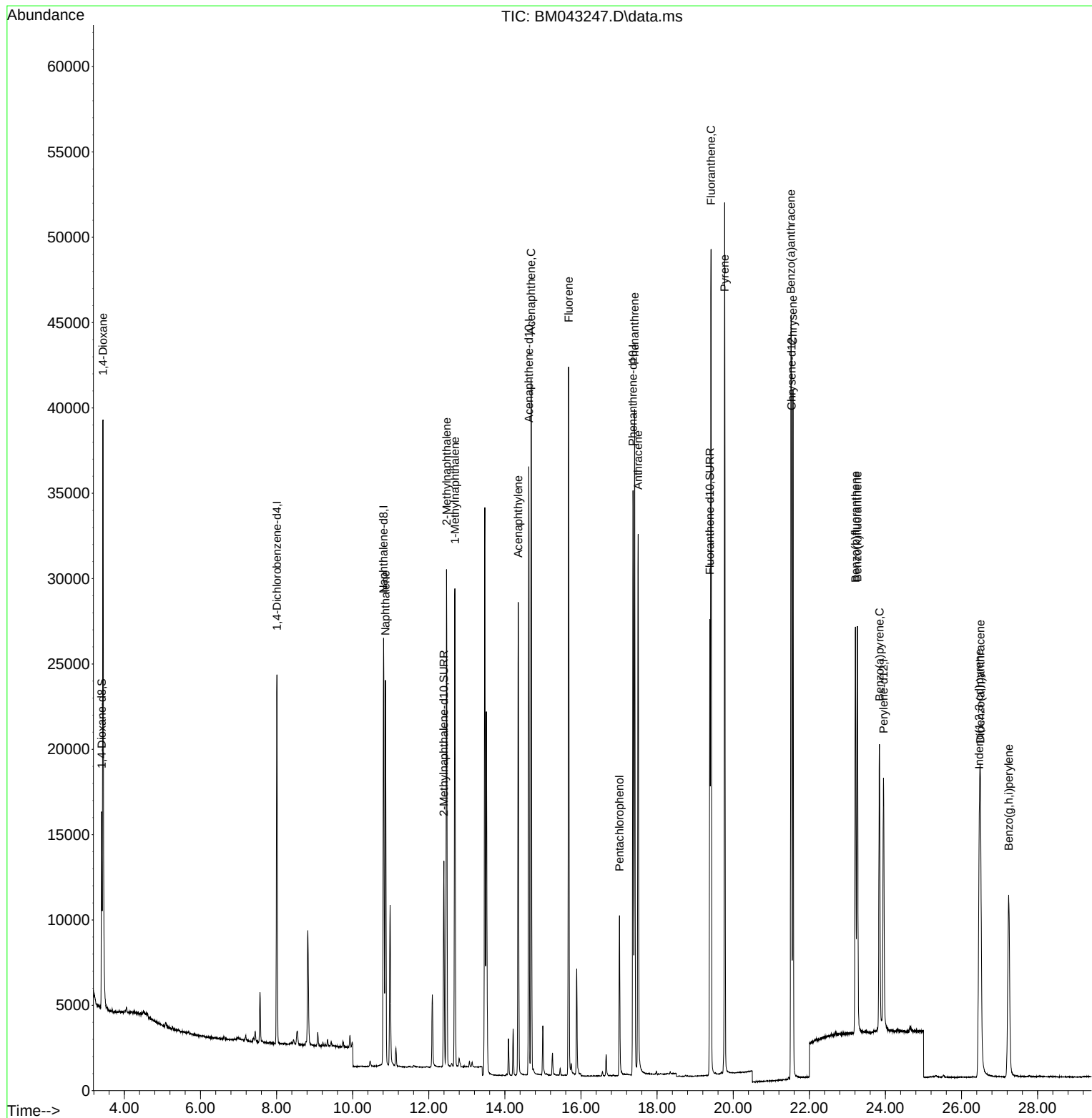
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	10759	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	32993	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.629	164	18995	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	39995	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	23419	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	21392	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	7724	0.568	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	15006	0.321	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	26982	0.322	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.439	88	23563	1.728	ng/ul#	84
5) Naphthalene	10.861	128	31433	0.317	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	19891	0.311	ng/ul	99
8) 1-Methylnaphthalene	12.687	142	19505	0.304	ng/ul	99
10) Acenaphthylene	14.351	152	31801	0.304	ng/ul	100
11) Acenaphthene	14.689	153	23058	0.303	ng/ul	99
12) Fluorene	15.674	166	26130	0.303	ng/ul	98
14) Pentachlorophenol	17.012	266	6674	0.753	ng/ul	98
15) Phenanthrene	17.409	178	41322	0.310	ng/ul	99
16) Anthracene	17.502	178	37288	0.308	ng/ul	100
19) Fluoranthene	19.417	202	41504	0.314	ng/ul	99
20) Pyrene	19.775	202	41792	0.319	ng/ul	99
21) Benzo(a)anthracene	21.518	228	34120	0.332	ng/ul	99
22) Chrysene	21.571	228	35438	0.327	ng/ul	100
24) Benzo(b)fluoranthene	23.213	252	31355	0.323	ng/ul	98
25) Benzo(k)fluoranthene	23.263	252	32784	0.326	ng/ul	97
26) Benzo(a)pyrene	23.845	252	26949	0.336	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.468	276	30022	0.329	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.498	278	23891	0.331	ng/ul	99
29) Benzo(g,h,i)perylene	27.239	276	24952	0.320	ng/ul	100

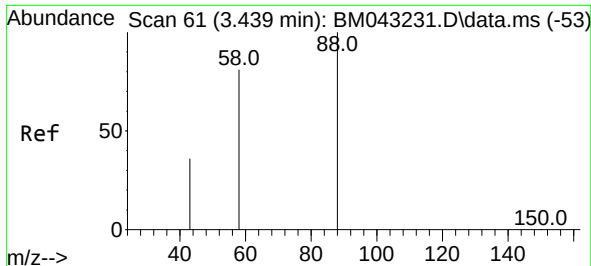
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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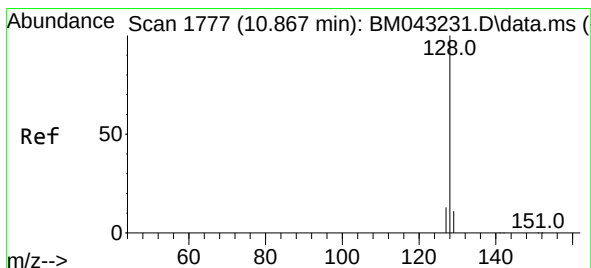
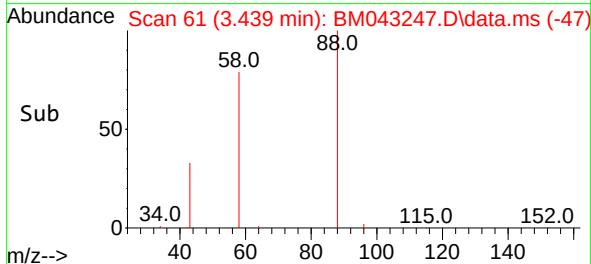
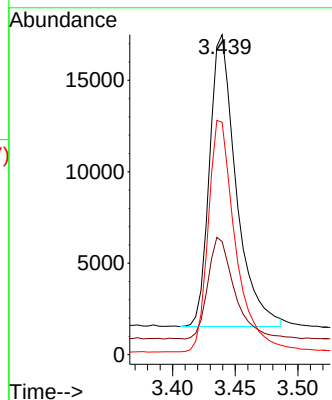
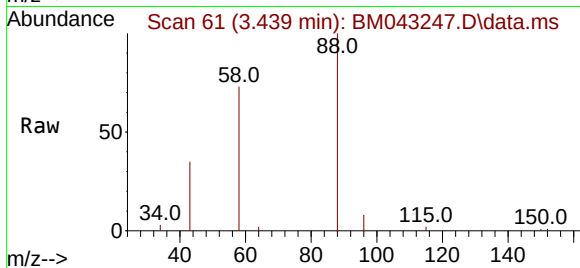




#2
1,4-Dioxane
Concen: 1.728 ng/ul
RT: 3.439 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

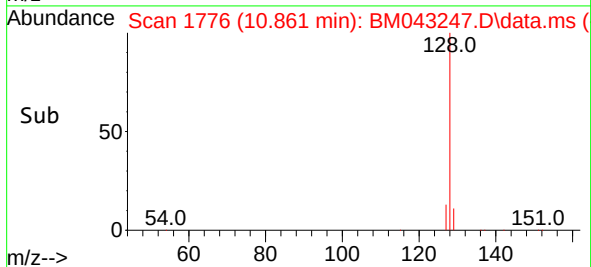
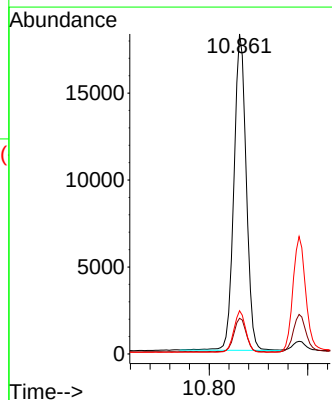
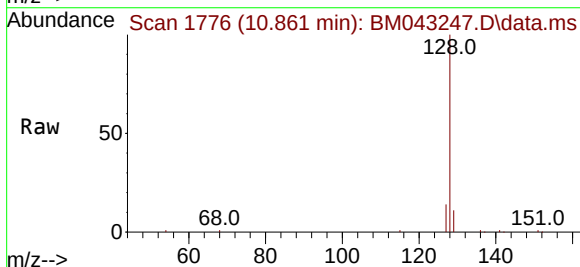
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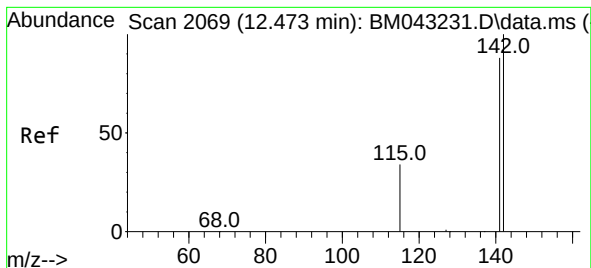
Tgt Ion: 88 Resp: 23563
Ion Ratio Lower Upper
88 100
43 35.4 27.9 41.9
58 72.6 43.4 65.2#



#5
Naphthalene
Concen: 0.317 ng/ul
RT: 10.861 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

Tgt Ion: 128 Resp: 31433
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.5 10.3 15.5

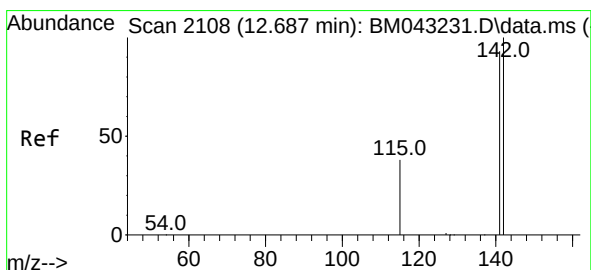
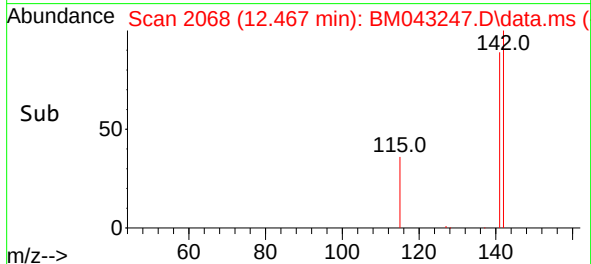
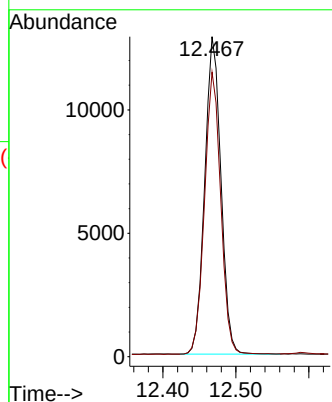
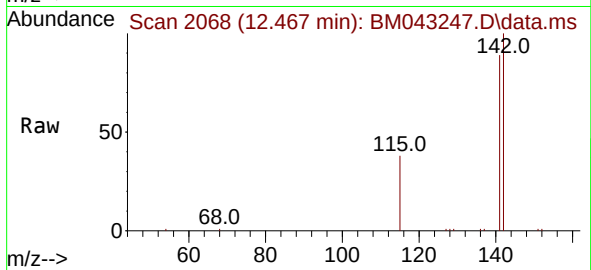




#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

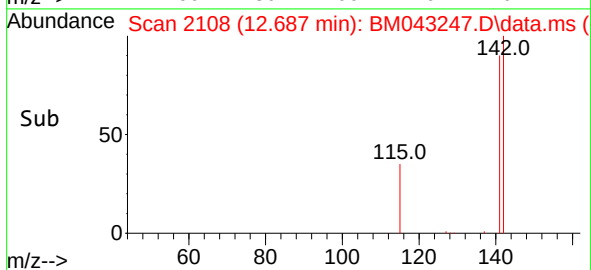
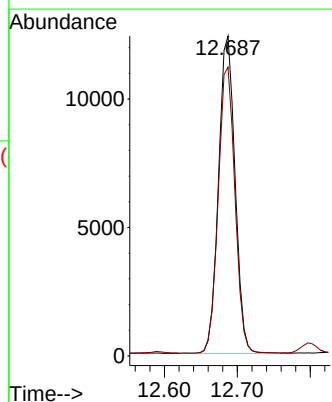
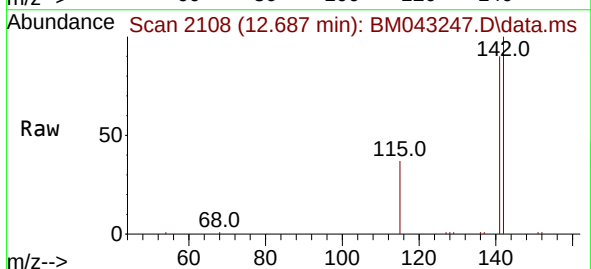
Instrument :
BNA_M
ClientSampleId :
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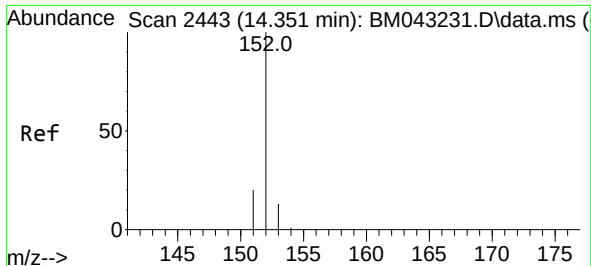
Tgt Ion:142 Resp: 19891
Ion Ratio Lower Upper
142 100
141 89.1 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

Tgt Ion:142 Resp: 19505
Ion Ratio Lower Upper
142 100
141 91.4 73.7 110.5

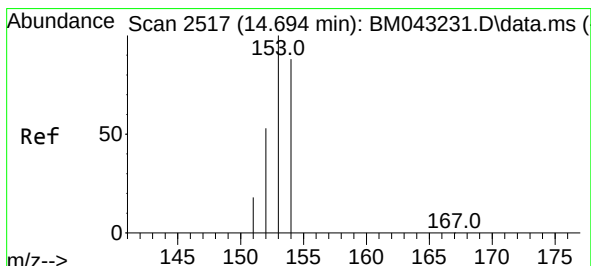
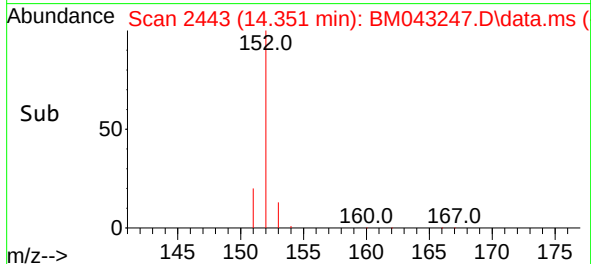
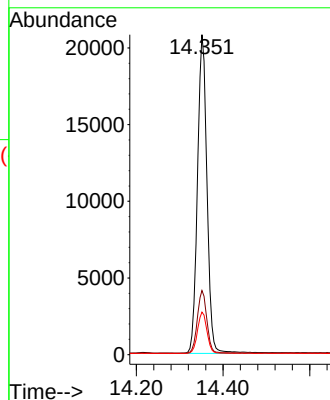
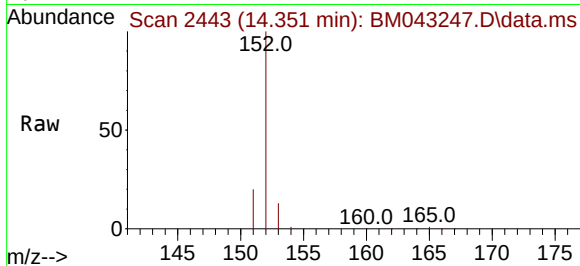




#10
Acenaphthylene
Concen: 0.304 ng/ul
RT: 14.351 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

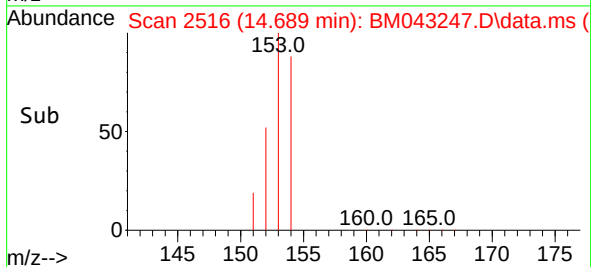
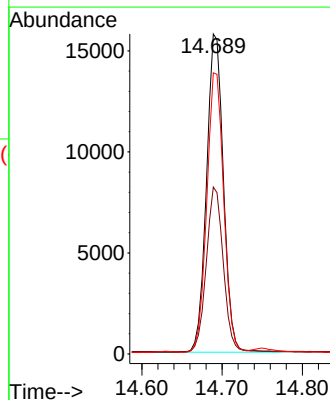
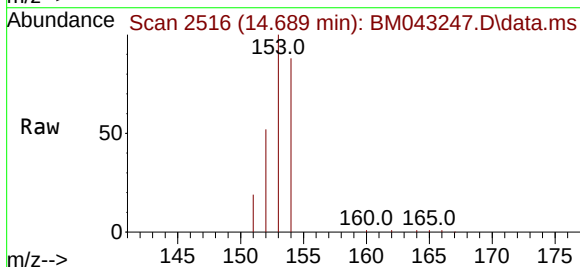
Instrument :
BNA_M
ClientSampleId :
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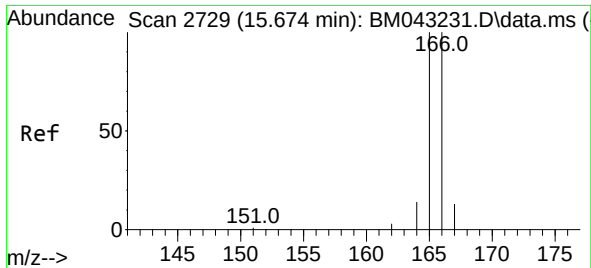
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.3	10.4	15.6



#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.689 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.1	42.1	63.1
154	87.9	71.3	106.9

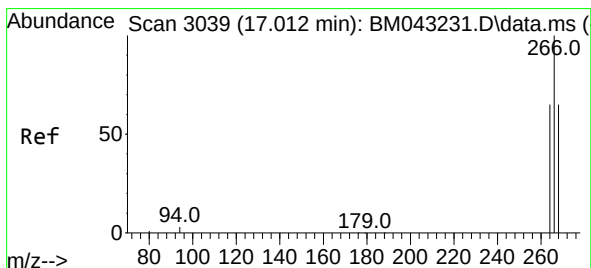
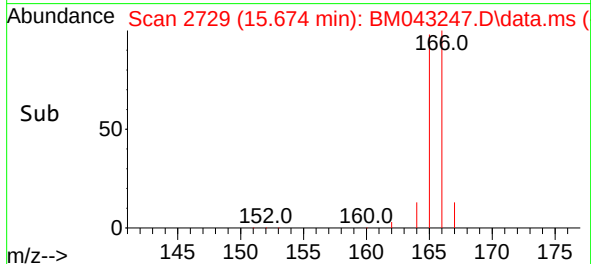
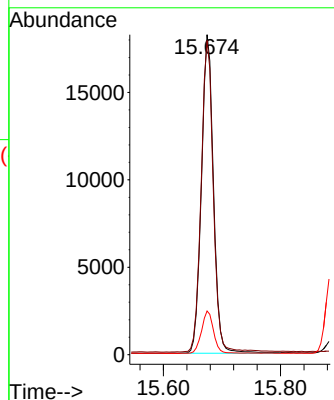
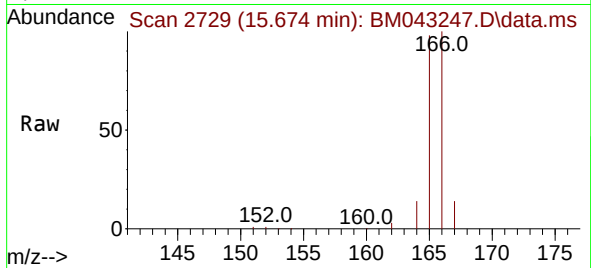




#12
 Fluorene
 Concen: 0.303 ng/ul
 RT: 15.674 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM043247.D
 Acq: 12 Dec 2023 03:59

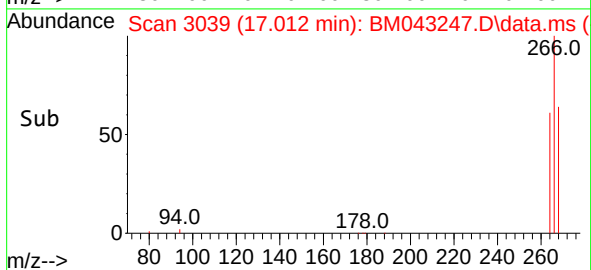
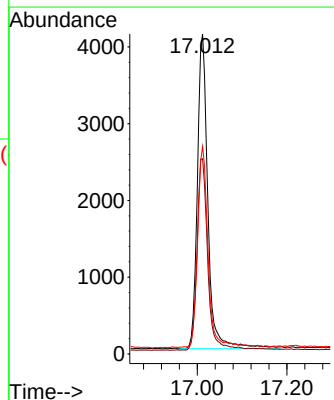
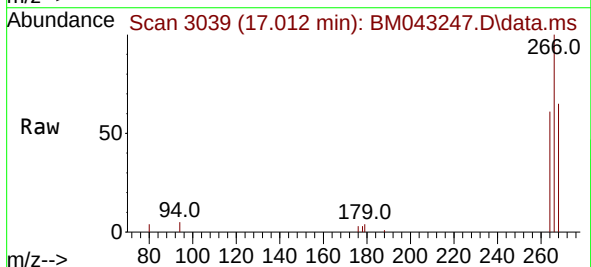
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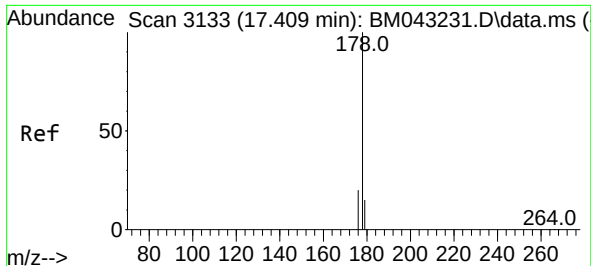
Tgt Ion:166 Resp: 26130
 Ion Ratio Lower Upper
 166 100
 165 98.2 80.3 120.5
 167 13.7 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.753 ng/ul
 RT: 17.012 min Scan# 3039
 Delta R.T. -0.000 min
 Lab File: BM043247.D
 Acq: 12 Dec 2023 03:59

Tgt Ion:266 Resp: 6674
 Ion Ratio Lower Upper
 266 100
 264 62.6 51.7 77.5
 268 63.7 51.9 77.9

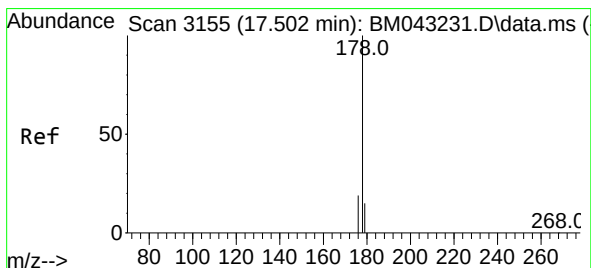
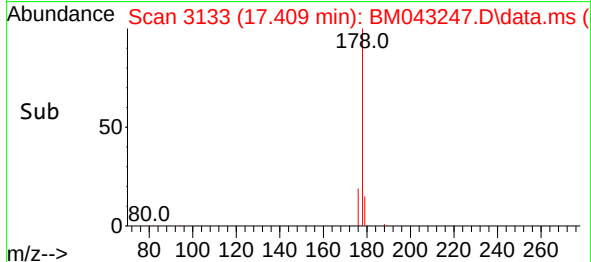
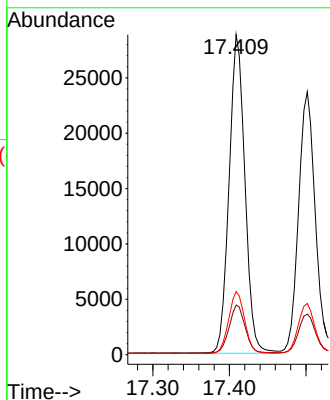
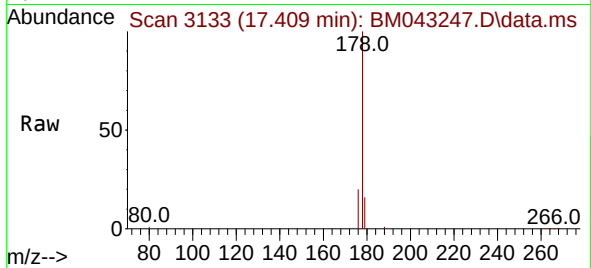




#15
Phenanthrene
Concen: 0.310 ng/u1
RT: 17.409 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

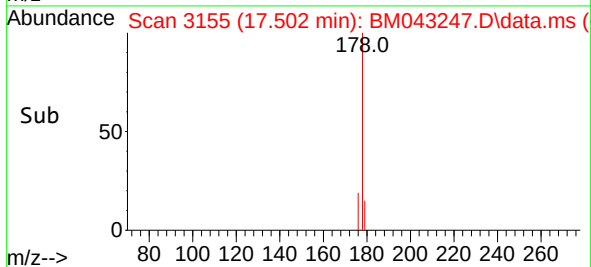
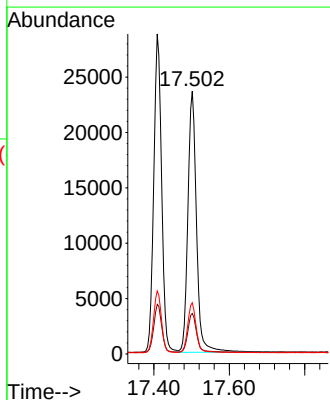
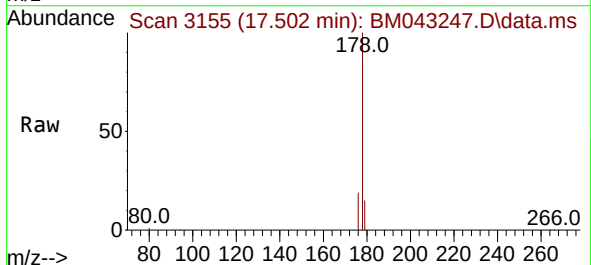
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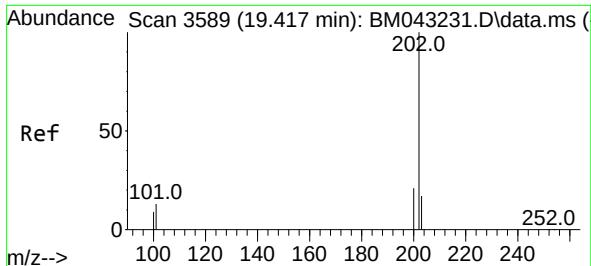
Tgt Ion:178 Resp: 41322
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.7 16.2 24.2



#16
Anthracene
Concen: 0.308 ng/u1
RT: 17.502 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

Tgt Ion:178 Resp: 37288
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.5 15.6 23.4

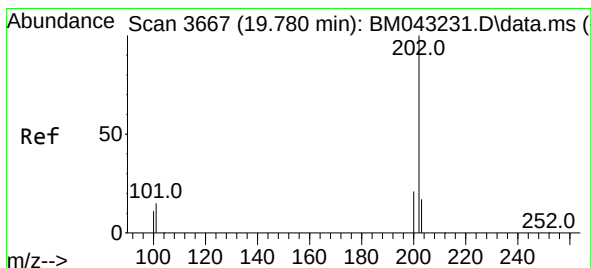
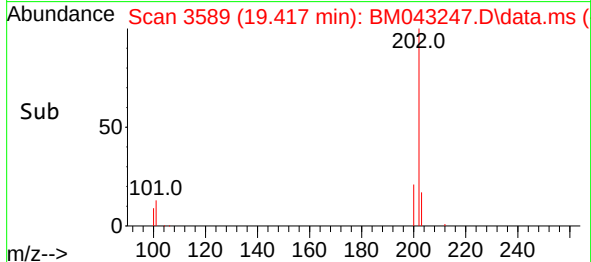
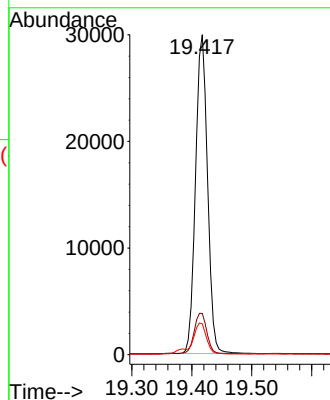
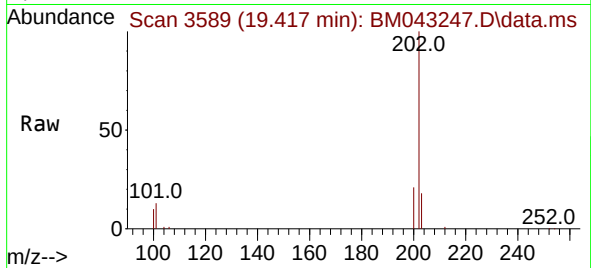




#19
Fluoranthene
Concen: 0.314 ng/ul
RT: 19.417 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

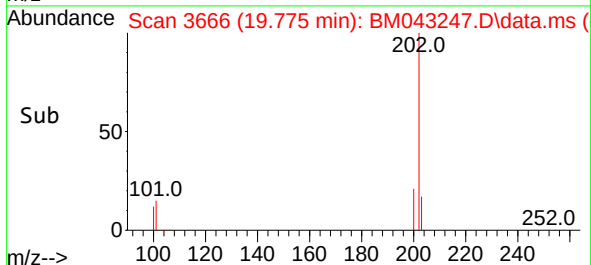
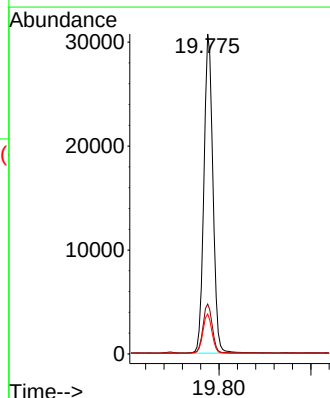
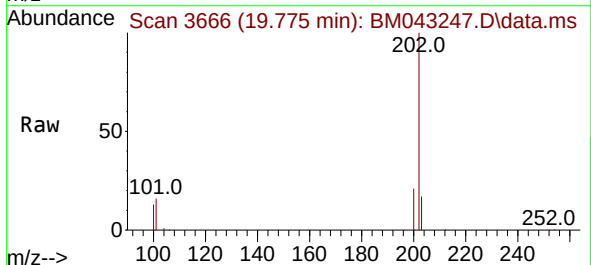
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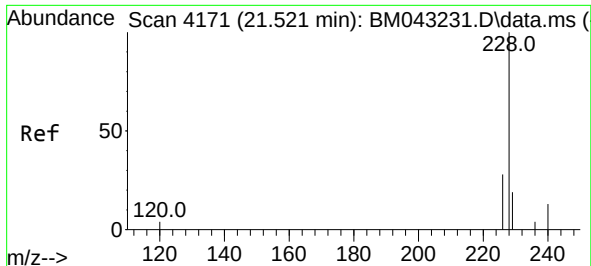
Tgt Ion:202 Resp: 41504
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 9.7 7.4 11.2



#20
Pyrene
Concen: 0.319 ng/ul
RT: 19.775 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

Tgt Ion:202 Resp: 41792
Ion Ratio Lower Upper
202 100
101 15.6 12.7 19.1
100 12.5 9.8 14.8

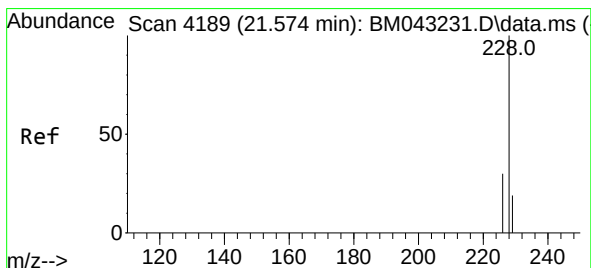
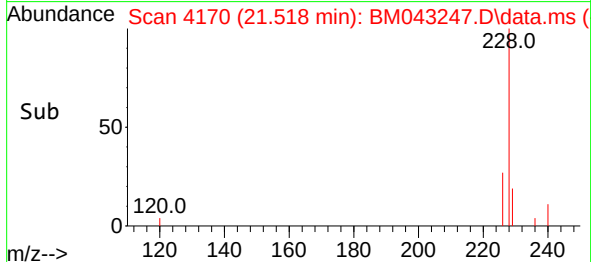
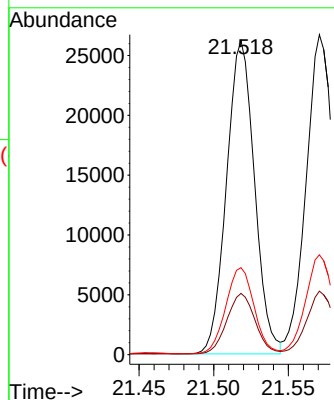
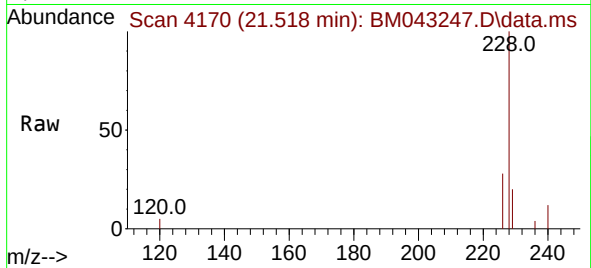




#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

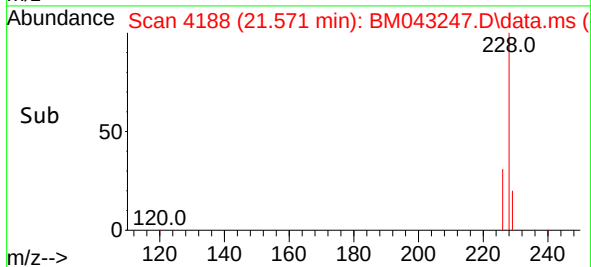
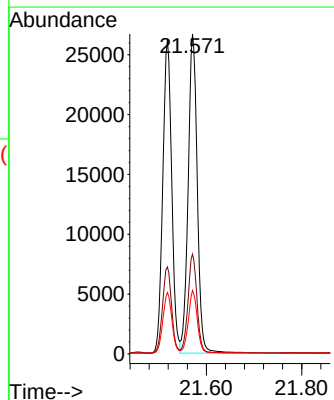
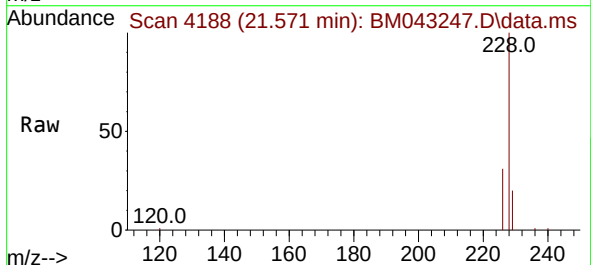
Instrument :
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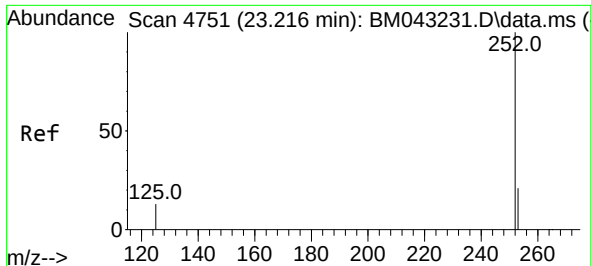
Tgt Ion:228 Resp: 34120
Ion Ratio Lower Upper
228 100
229 19.5 15.5 23.3
226 27.7 22.6 34.0



#22
Chrysene
Concen: 0.327 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.000 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

Tgt Ion:228 Resp: 35438
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 19.9 15.7 23.5

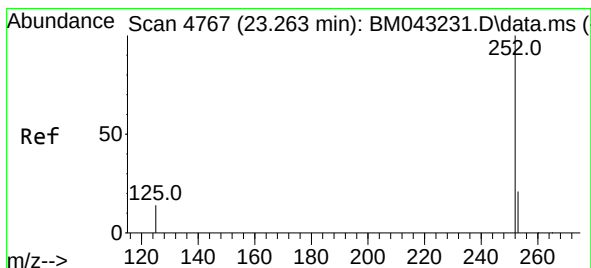
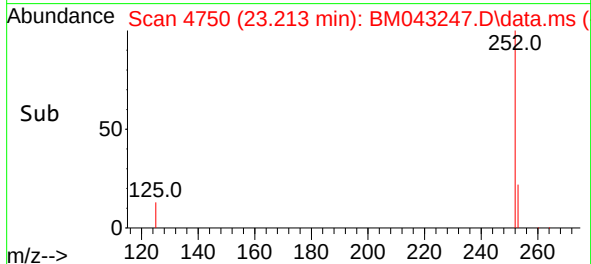
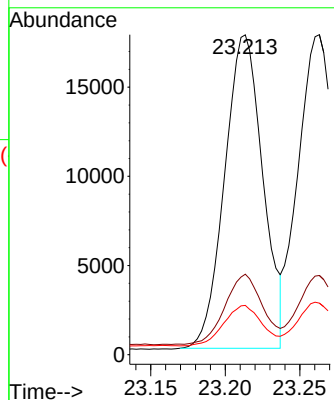
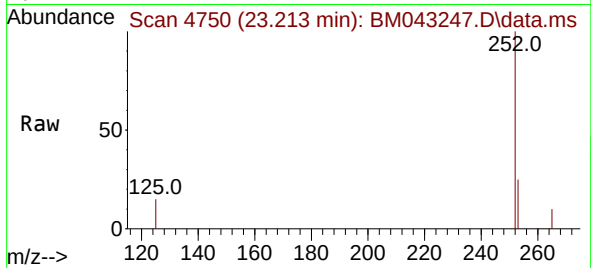




#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul
RT: 23.213 min Scan# 4750
Delta R.T. -0.000 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

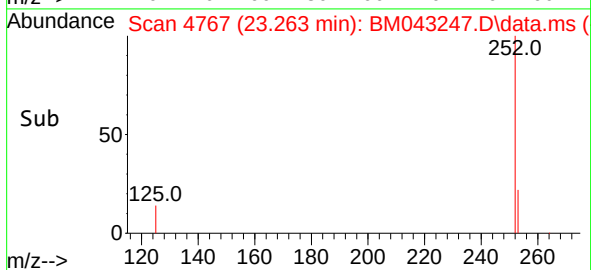
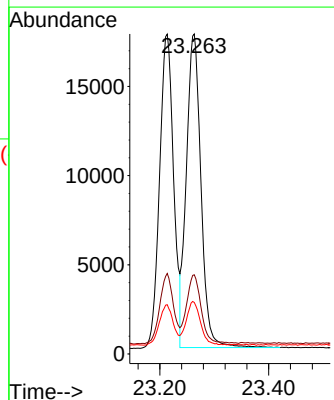
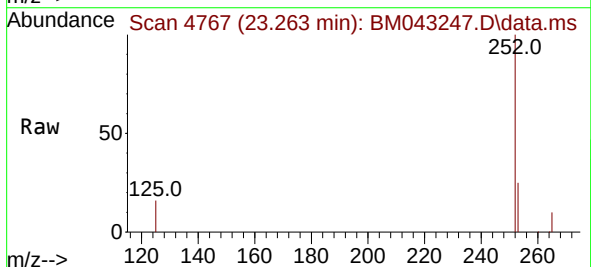
Instrument :
BNA_M
ClientSampleId :
SLCS628

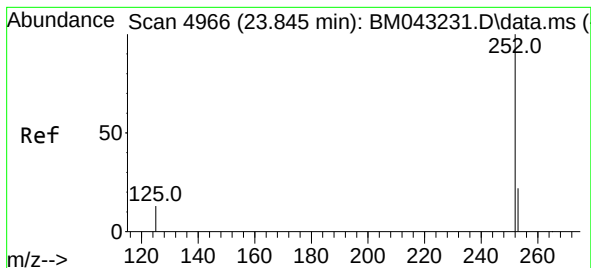
Tgt Ion:252 Resp: 31355
Ion Ratio Lower Upper
252 100
253 25.2 0.0 48.8
125 15.4 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.000 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

Tgt Ion:252 Resp: 32784
Ion Ratio Lower Upper
252 100
253 24.8 18.6 28.0
125 16.1 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.336 ng/ul

RT: 23.845 min Scan# 4966

Delta R.T. -0.000 min

Lab File: BM043247.D

Acq: 12 Dec 2023 03:59

Instrument :

BNA_M

ClientSampleId :

SLCS628

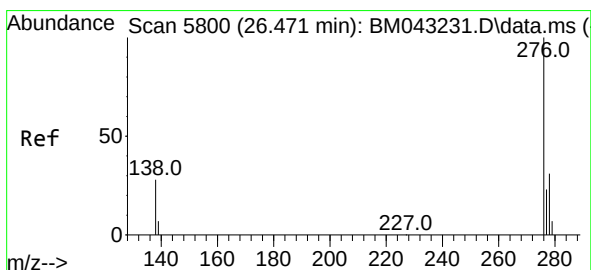
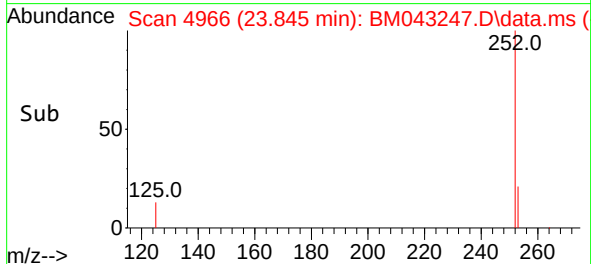
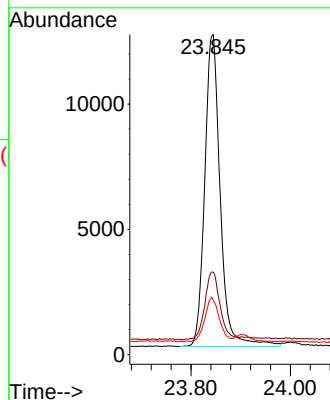
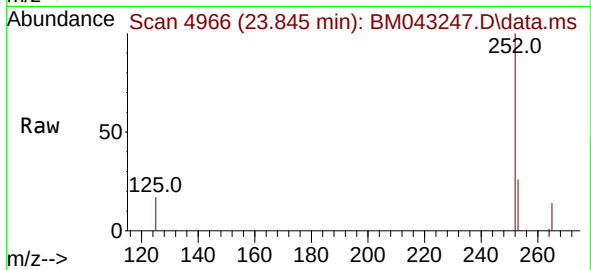
Tgt Ion:252 Resp: 26949

Ion Ratio Lower Upper

252 100

253 25.8 20.2 30.2

125 17.1 13.5 20.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.329 ng/ul

RT: 26.468 min Scan# 5799

Delta R.T. -0.004 min

Lab File: BM043247.D

Acq: 12 Dec 2023 03:59

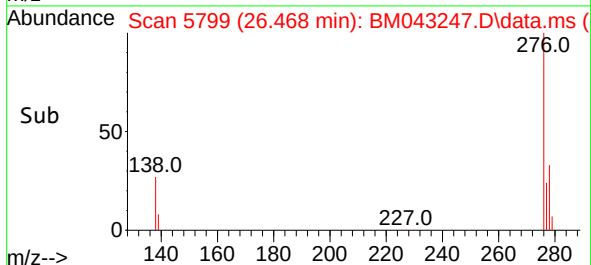
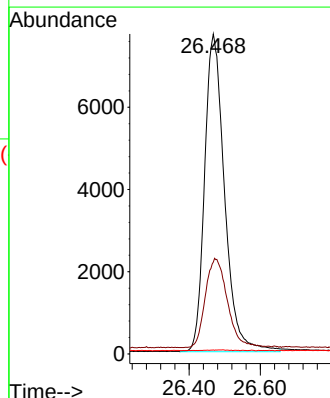
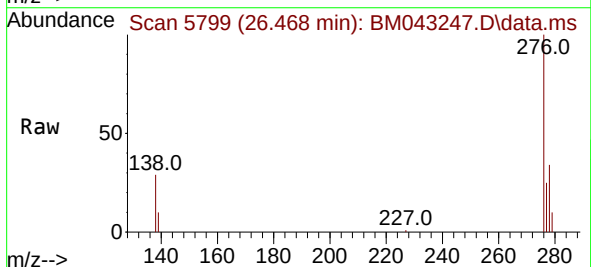
Tgt Ion:276 Resp: 30022

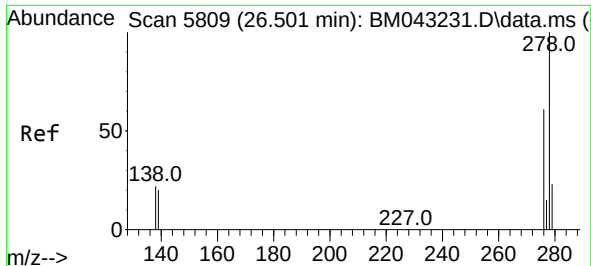
Ion Ratio Lower Upper

276 100

138 31.1 24.6 36.8

227 0.0 0.0 0.0

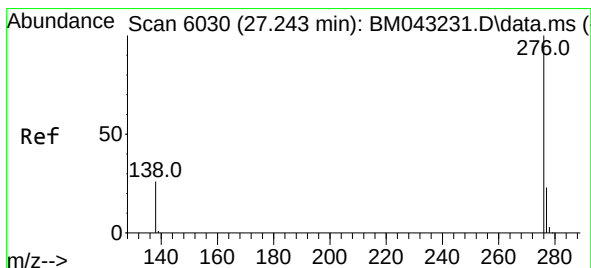
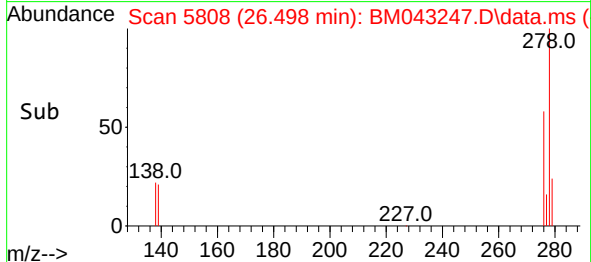
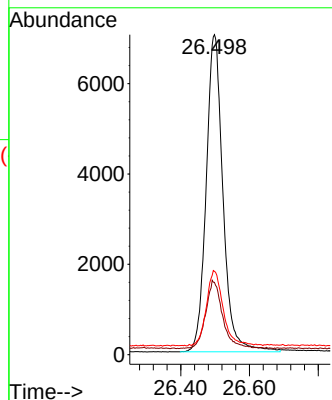
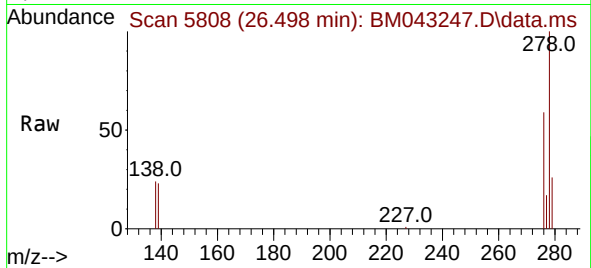




#28
Dibenzo(a,h)anthracene
Concen: 0.331 ng/ul
RT: 26.498 min Scan# 5809
Delta R.T. -0.004 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

Instrument :
BNA_M
ClientSampleId :
SLCS628

Tgt Ion:	278	Resp:	23891
Ion Ratio	Lower	Upper	
278	100		
139	22.6	17.4	26.2
279	26.1	20.9	31.3



#29
Benzo(g,h,i)perylene
Concen: 0.320 ng/ul
RT: 27.239 min Scan# 6029
Delta R.T. -0.000 min
Lab File: BM043247.D
Acq: 12 Dec 2023 03:59

Tgt Ion:	276	Resp:	24952
Ion Ratio	Lower	Upper	
276	100		
138	29.0	23.1	34.7
277	24.0	19.4	29.0

