

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
 Data File : BM043230.D
 Acq On : 11 Dec 2023 17:46
 Operator : MA/JU
 Sample : PB157624BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS624

Quant Time: Dec 11 18:21:51 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)

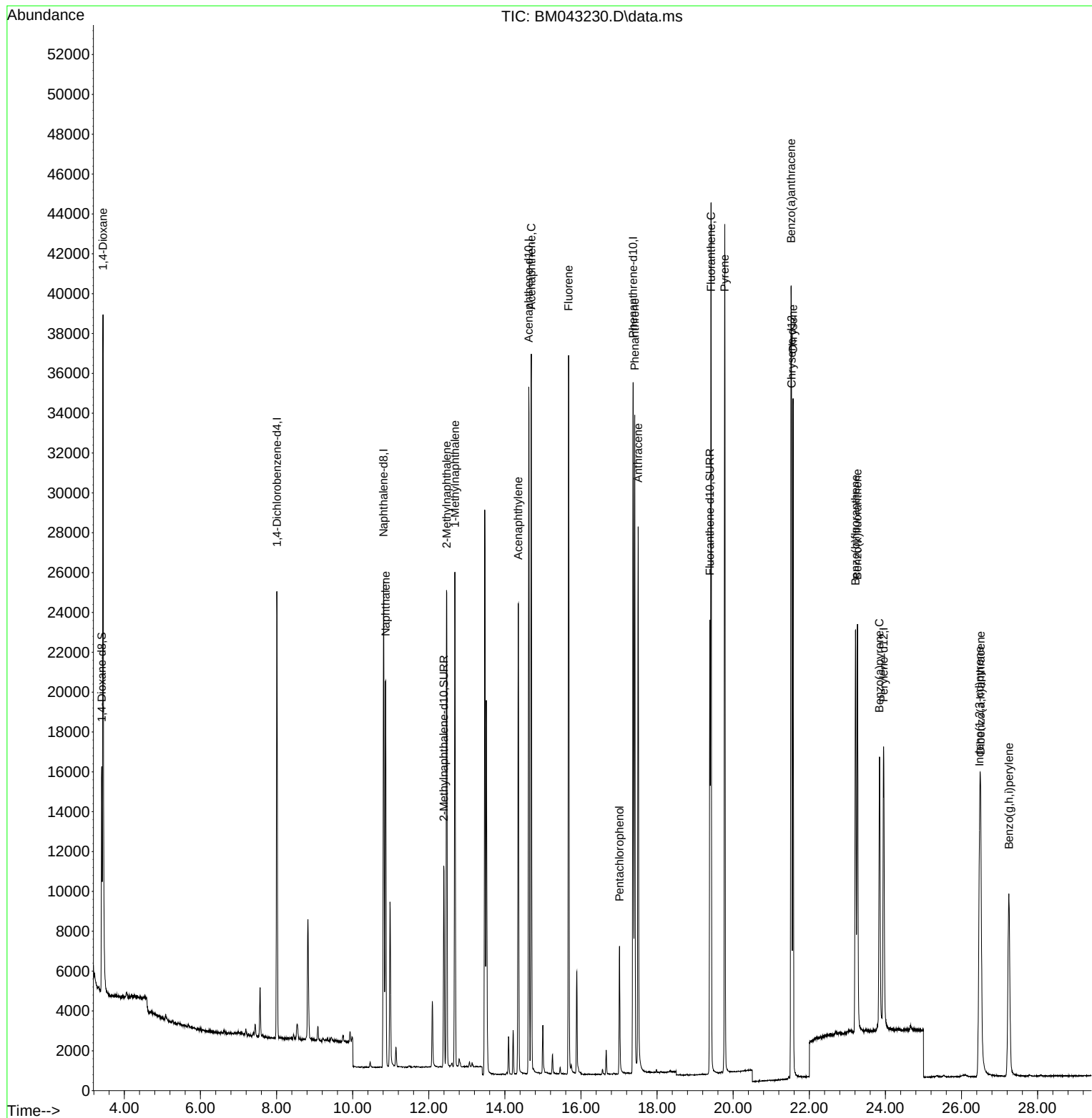
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	11306	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	32872	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.629	164	18649	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	39681	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	22906	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	21075	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	7676	0.537	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	13060	0.280	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	23530	0.288	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.439	88	22478	1.569	ng/ul#	85
5) Naphthalene	10.867	128	27211	0.275	ng/ul	100
7) 2-Methylnaphthalene	12.473	142	17436	0.273	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	16989	0.265	ng/ul	100
10) Acenaphthylene	14.351	152	27491	0.268	ng/ul	100
11) Acenaphthene	14.694	153	20259	0.271	ng/ul	99
12) Fluorene	15.674	166	22933	0.271	ng/ul	99
14) Pentachlorophenol	17.012	266	4564	0.519	ng/ul	99
15) Phenanthrene	17.413	178	36223	0.274	ng/ul	100
16) Anthracene	17.502	178	32334	0.269	ng/ul	99
19) Fluoranthene	19.417	202	36304	0.281	ng/ul	98
20) Pyrene	19.780	202	36136	0.282	ng/ul	98
21) Benzo(a)anthracene	21.521	228	28635	0.285	ng/ul	99
22) Chrysene	21.574	228	30914	0.291	ng/ul	100
24) Benzo(b)fluoranthene	23.216	252	27293	0.285	ng/ul	100
25) Benzo(k)fluoranthene	23.266	252	29136	0.294	ng/ul	98
26) Benzo(a)pyrene	23.845	252	22906	0.290	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.475	276	25601	0.285	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.505	278	20321	0.285	ng/ul	99
29) Benzo(g,h,i)perylene	27.246	276	21800	0.284	ng/ul	99

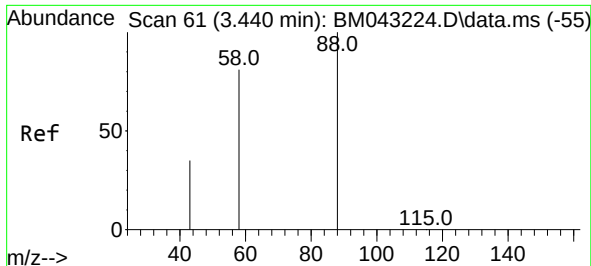
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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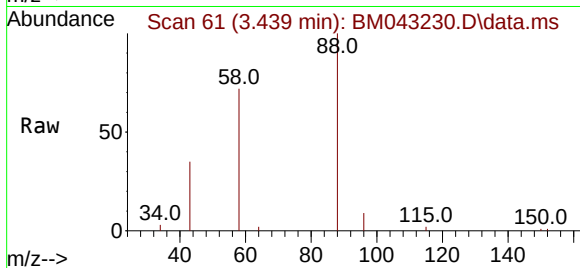
Quant Time: Dec 11 18:21:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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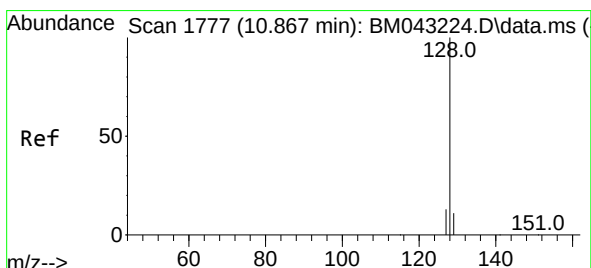
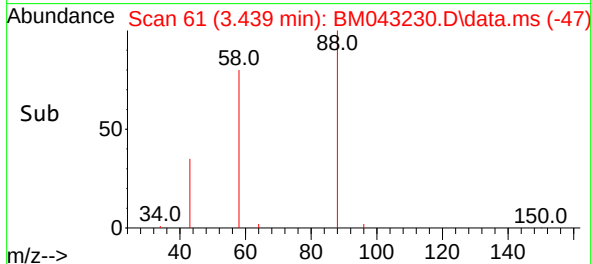
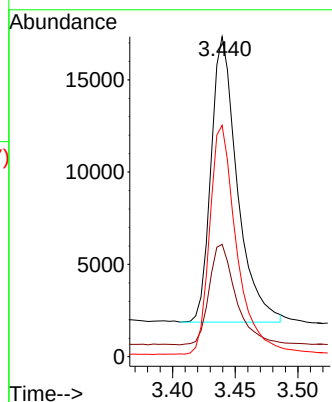


#2
1,4-Dioxane
Concen: 1.569 ng/ul
RT: 3.439 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

Instrument :
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SLCS624

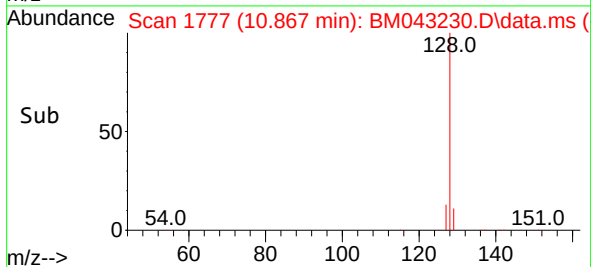
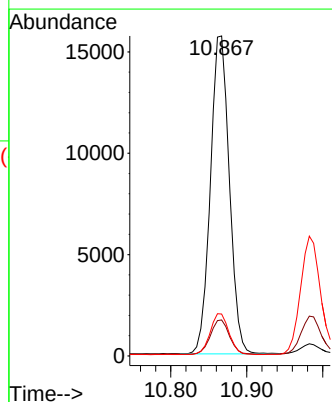
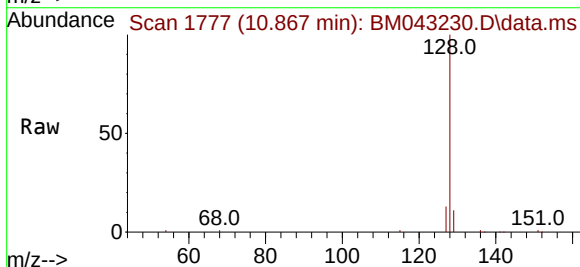


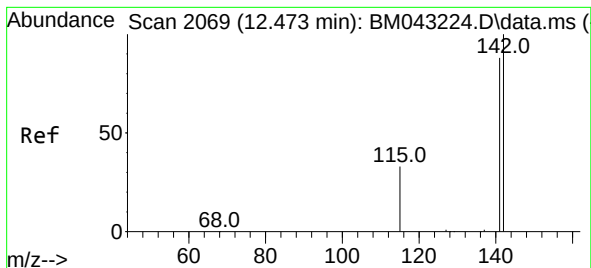
Tgt Ion: 88 Resp: 22478
Ion Ratio Lower Upper
88 100
43 35.1 27.9 41.9
58 72.3 43.4 65.2#



#5
Naphthalene
Concen: 0.275 ng/ul
RT: 10.867 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

Tgt Ion: 128 Resp: 27211
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.1 10.3 15.5

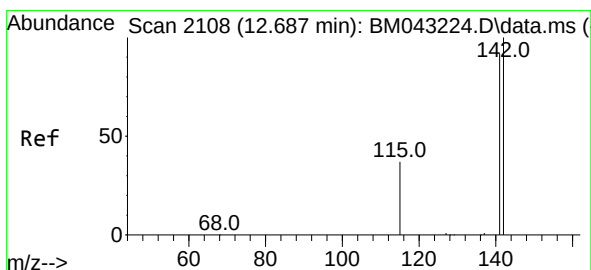
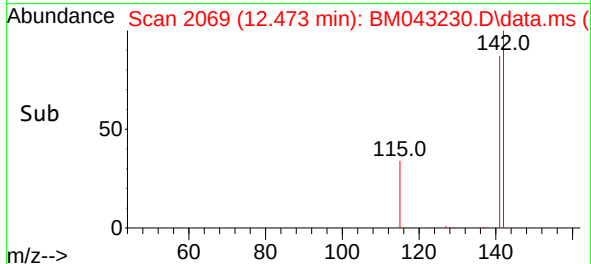
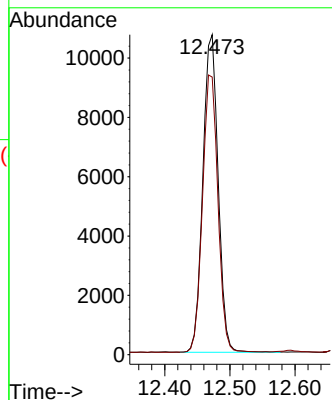
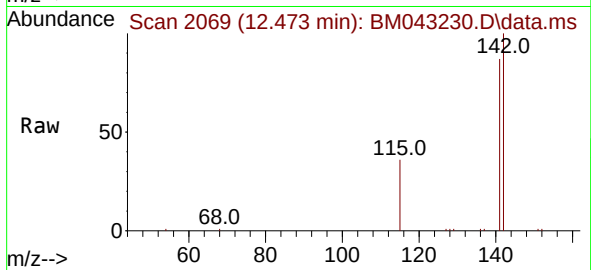




#7
2-Methylnaphthalene
Concen: 0.273 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

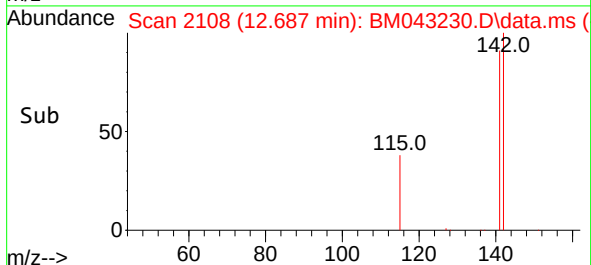
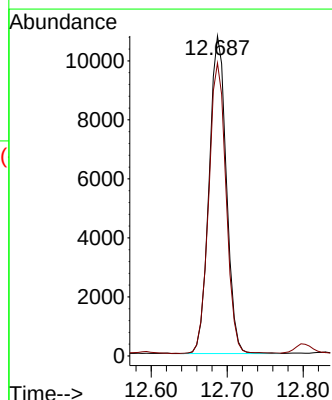
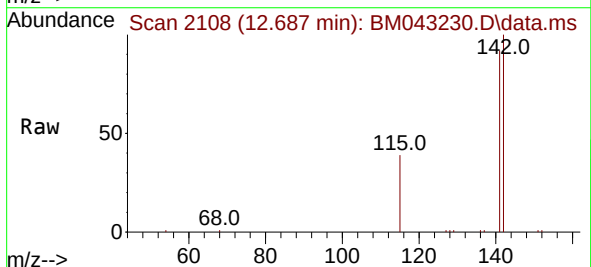
Instrument :
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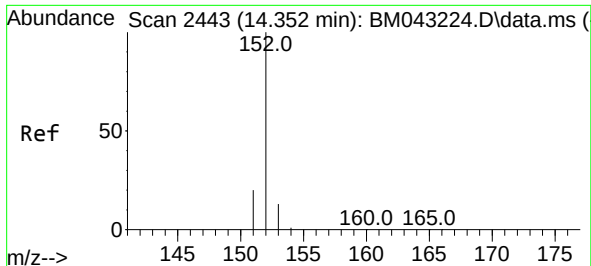
Tgt Ion:142 Resp: 17436
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.265 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

Tgt Ion:142 Resp: 16989
Ion Ratio Lower Upper
142 100
141 92.1 73.7 110.5

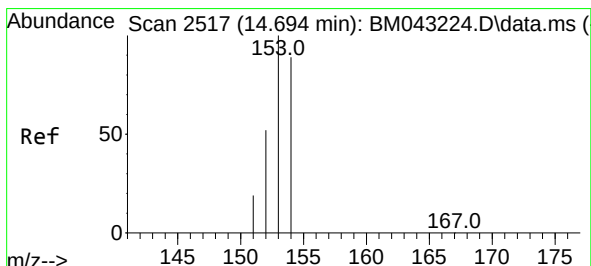
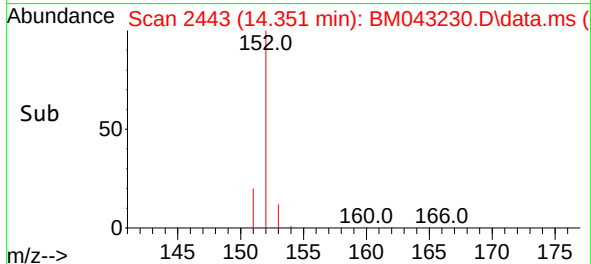
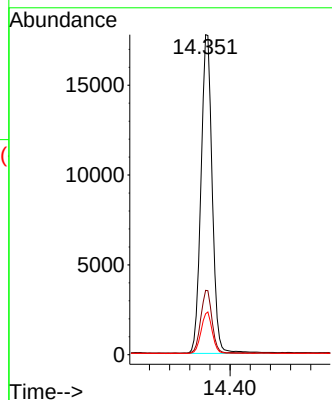
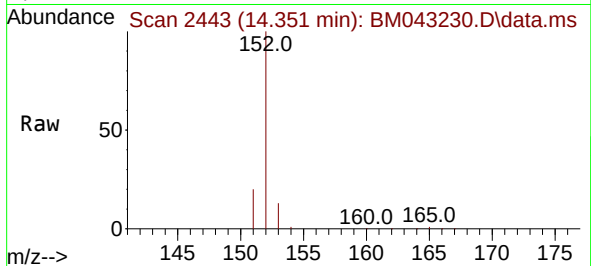




#10
Acenaphthylene
Concen: 0.268 ng/ul
RT: 14.351 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

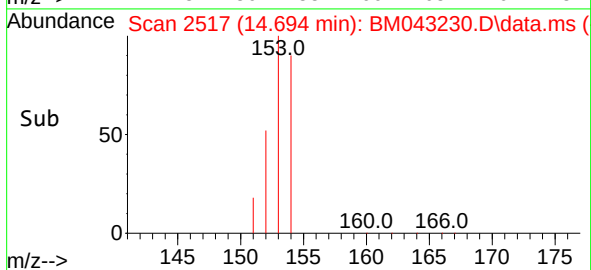
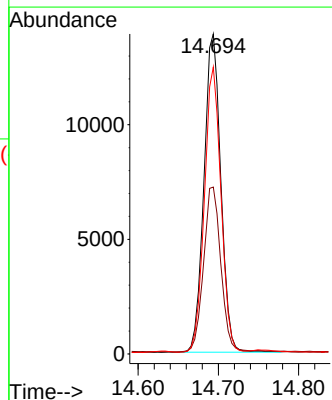
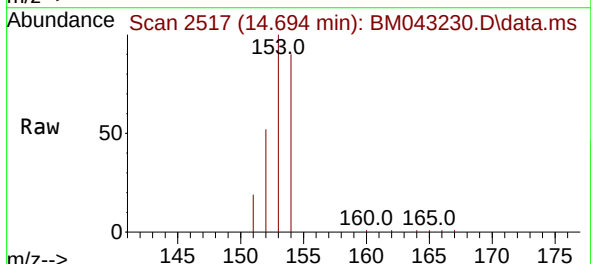
Instrument :
BNA_M
ClientSampleId :
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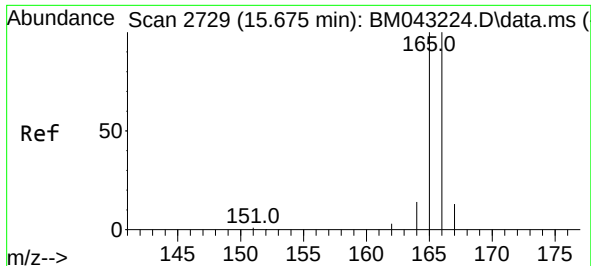
Tgt Ion:	152	Resp:	27491
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.2
153	12.8	10.4	15.6



#11
Acenaphthene
Concen: 0.271 ng/ul
RT: 14.694 min Scan# 2517
Delta R.T. -0.000 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

Tgt Ion:	153	Resp:	20259
Ion Ratio	Lower	Upper	
153	100		
152	52.2	42.1	63.1
154	89.6	71.3	106.9

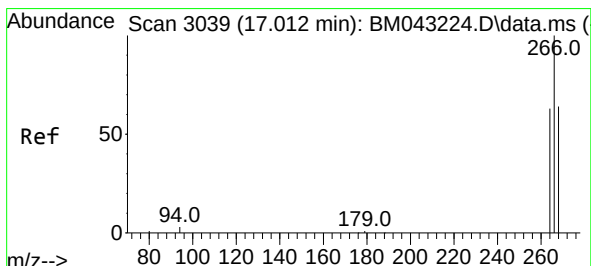
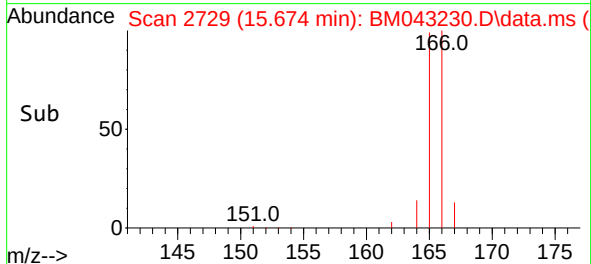
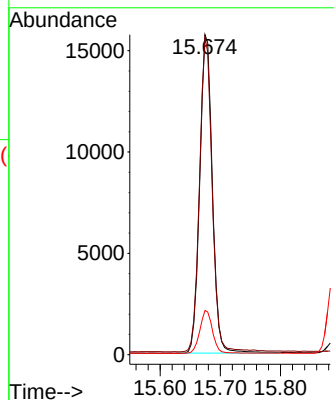
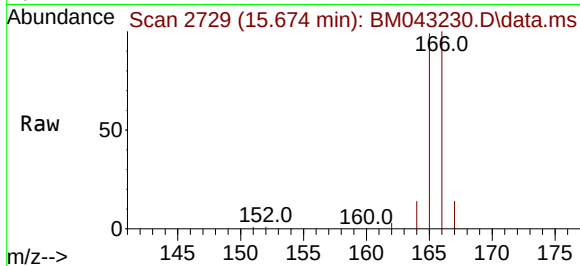




#12
 Fluorene
 Concen: 0.271 ng/ul
 RT: 15.674 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM043230.D
 Acq: 11 Dec 2023 17:46

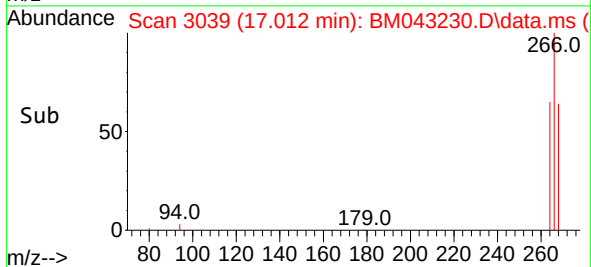
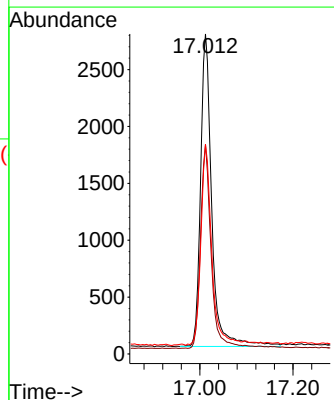
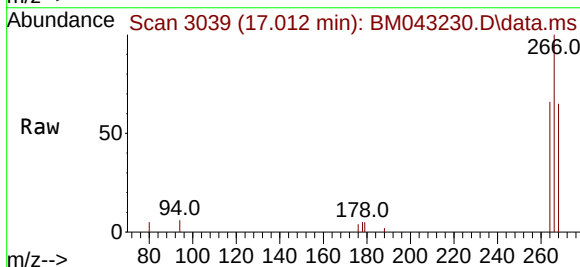
Instrument :
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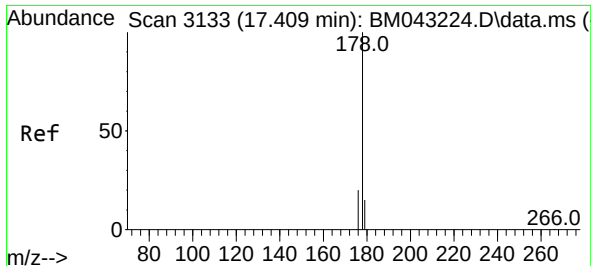
Tgt Ion:166 Resp: 22933
 Ion Ratio Lower Upper
 166 100
 165 99.2 80.3 120.5
 167 13.8 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.519 ng/ul
 RT: 17.012 min Scan# 3039
 Delta R.T. -0.000 min
 Lab File: BM043230.D
 Acq: 11 Dec 2023 17:46

Tgt Ion:266 Resp: 4564
 Ion Ratio Lower Upper
 266 100
 264 63.5 51.7 77.5
 268 64.3 51.9 77.9

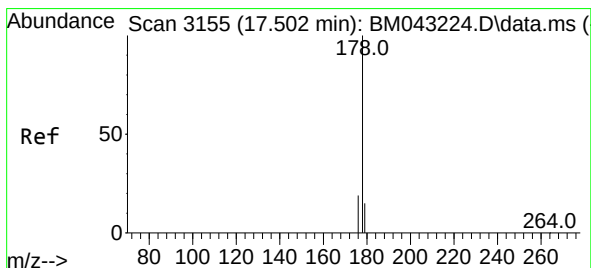
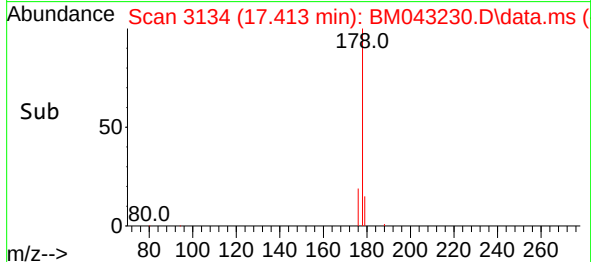
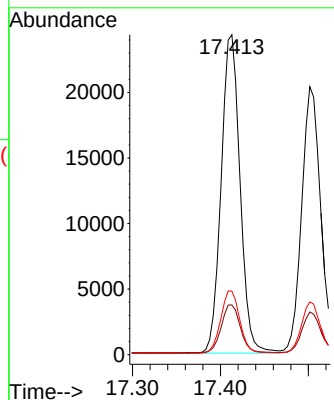
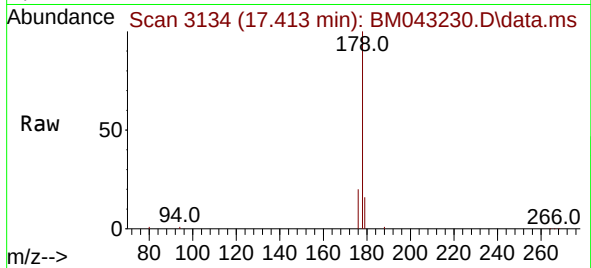




#15
Phenanthrene
Concen: 0.274 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. 0.004 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

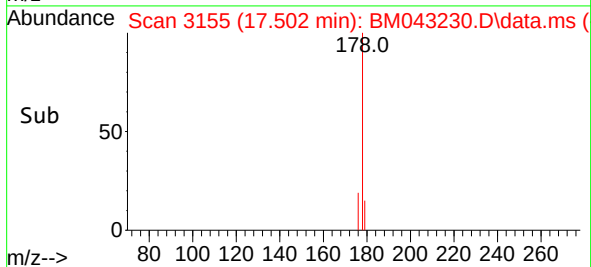
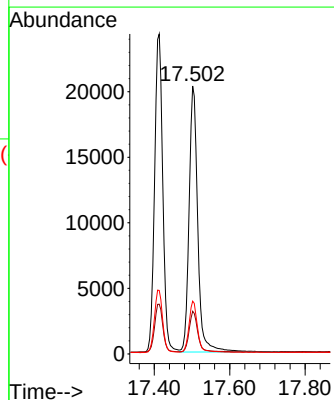
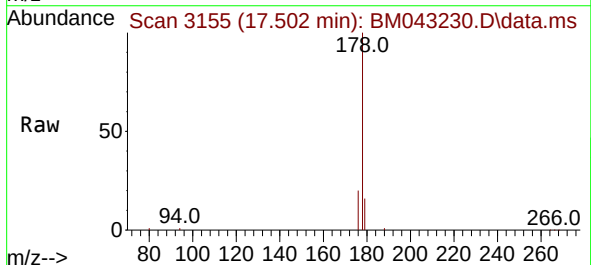
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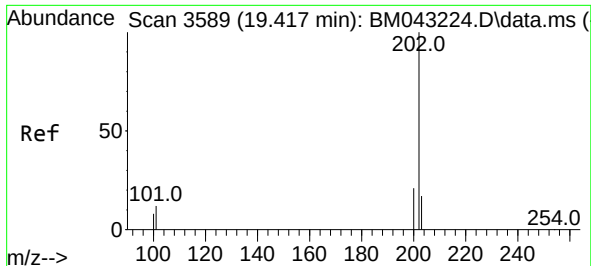
Tgt Ion:178 Resp: 36223
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.9 16.2 24.2



#16
Anthracene
Concen: 0.269 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

Tgt Ion:178 Resp: 32334
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.7 15.6 23.4

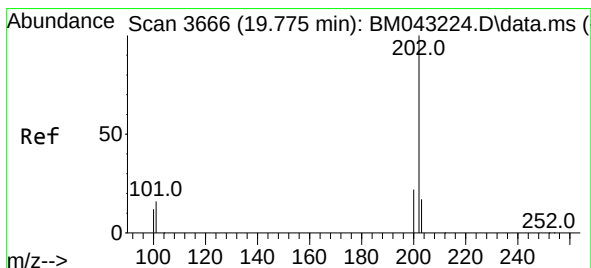
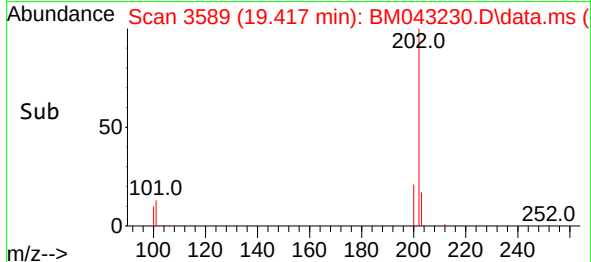
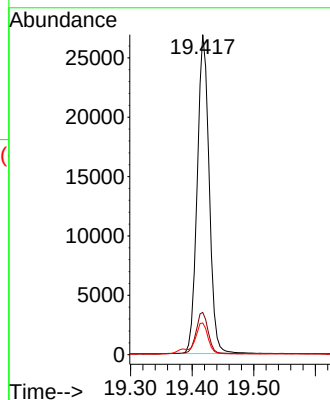
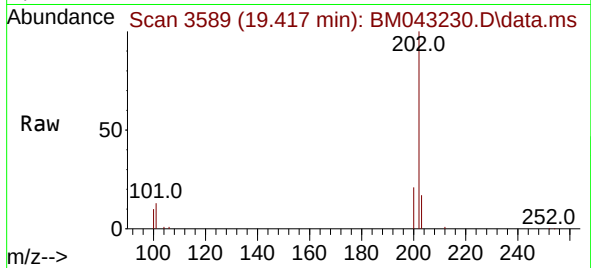




#19
Fluoranthene
Concen: 0.281 ng/ul
RT: 19.417 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

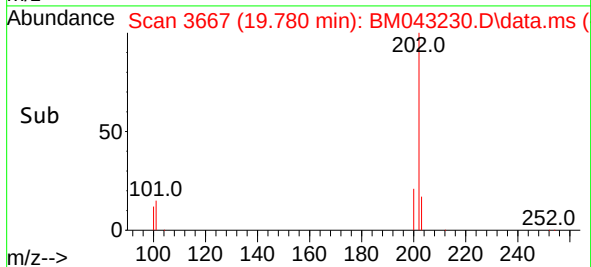
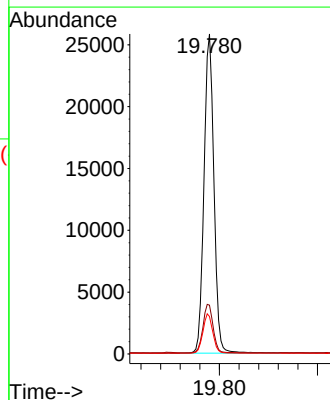
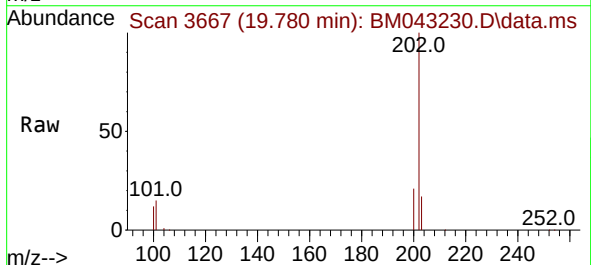
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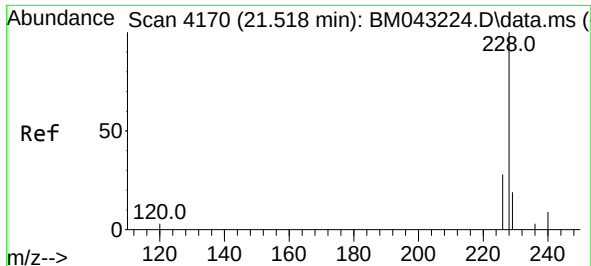
Tgt Ion:202 Resp: 36304
Ion Ratio Lower Upper
202 100
101 13.2 10.1 15.1
100 9.9 7.4 11.2



#20
Pyrene
Concen: 0.282 ng/ul
RT: 19.780 min Scan# 3667
Delta R.T. 0.005 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

Tgt Ion:202 Resp: 36136
Ion Ratio Lower Upper
202 100
101 15.2 12.7 19.1
100 11.7 9.8 14.8

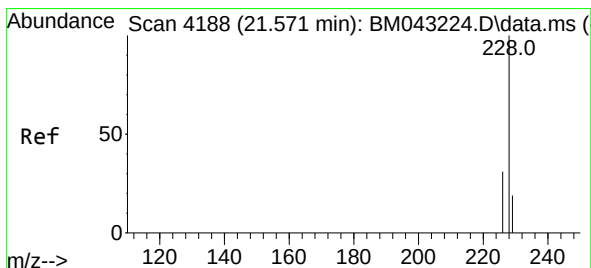
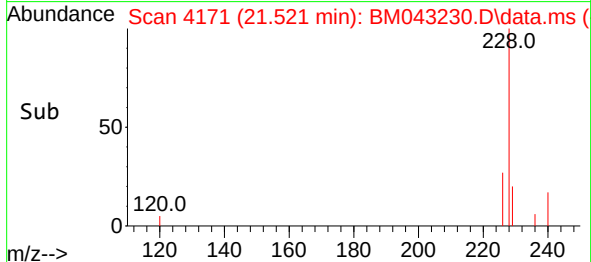
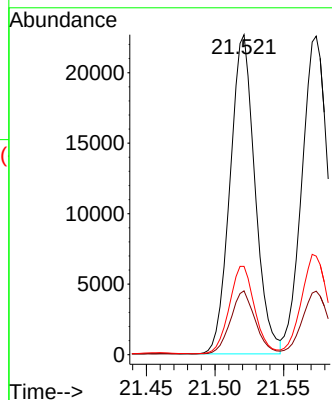
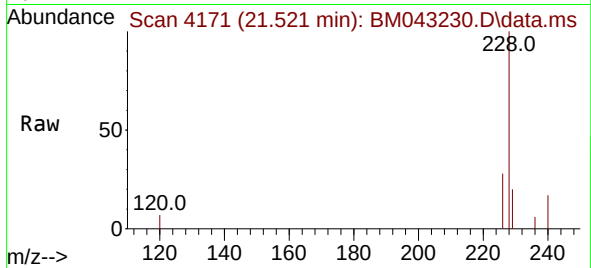




#21
Benzo(a)anthracene
Concen: 0.285 ng/ul
RT: 21.521 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

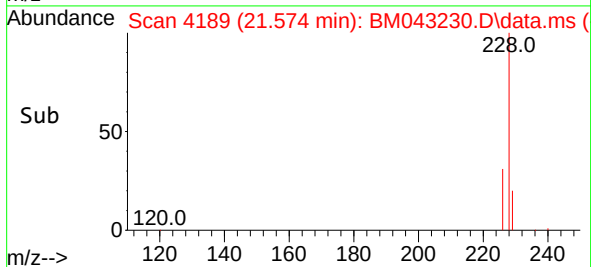
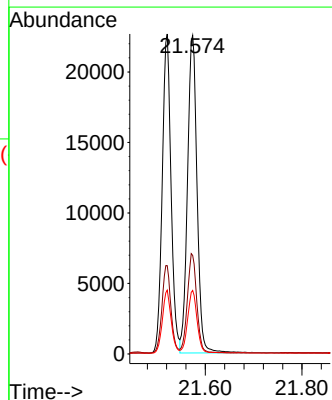
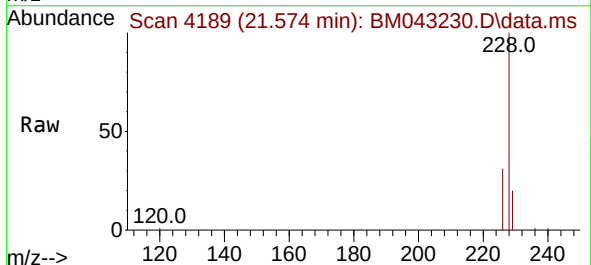
Instrument :
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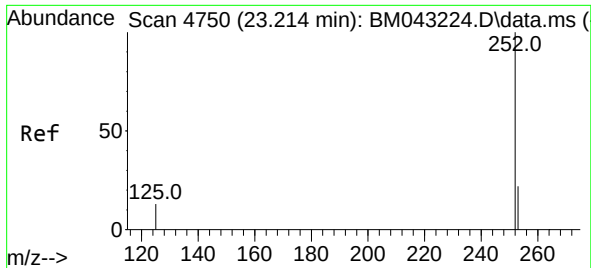
Tgt Ion:228 Resp: 28635
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 27.6 22.6 34.0



#22
Chrysene
Concen: 0.291 ng/ul
RT: 21.574 min Scan# 4189
Delta R.T. 0.003 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

Tgt Ion:228 Resp: 30914
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 19.9 15.7 23.5

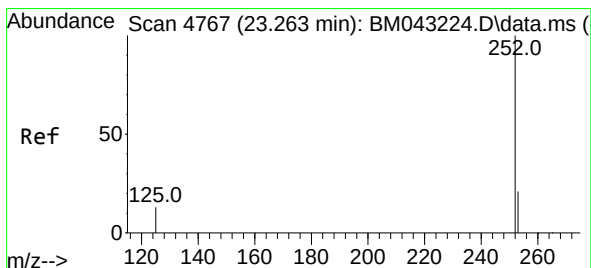
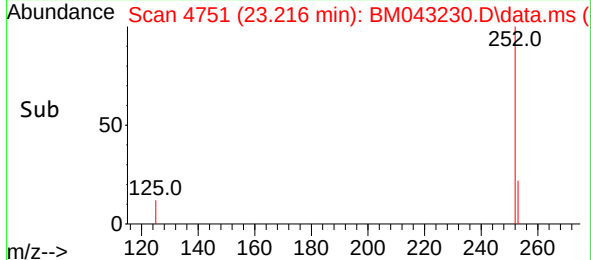
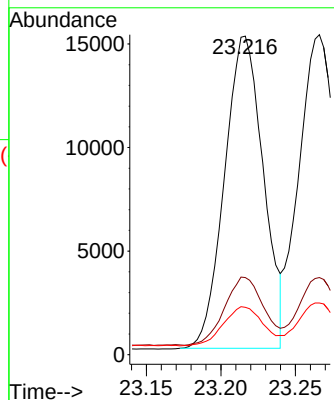
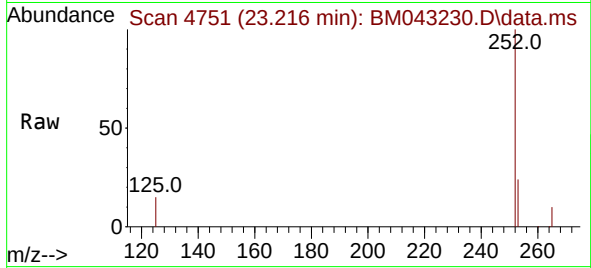




#24
Benzo(b)fluoranthene
Concen: 0.285 ng/ul
RT: 23.216 min Scan# 4751
Delta R.T. 0.003 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

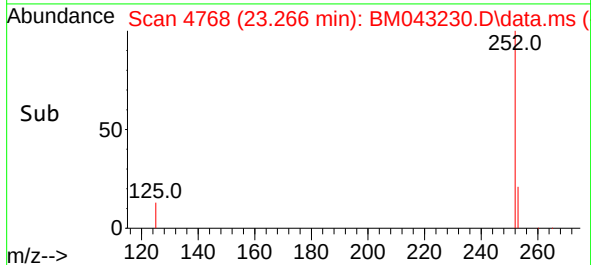
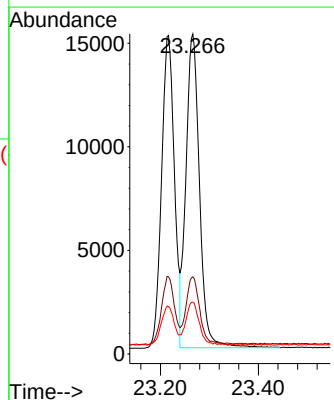
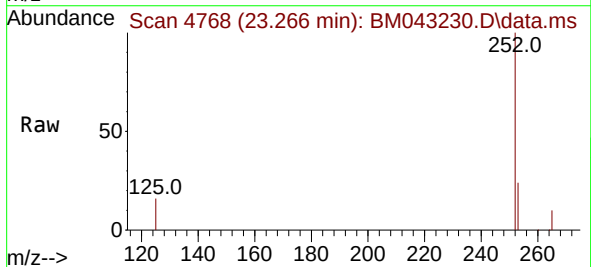
Instrument :
BNA_M
ClientSampleId :
SLCS624

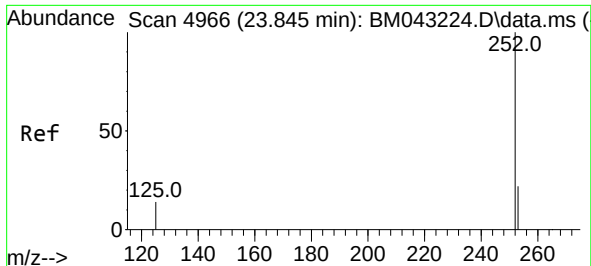
Tgt Ion:252 Resp: 27293
Ion Ratio Lower Upper
252 100
253 24.2 0.0 48.8
125 14.9 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul
RT: 23.266 min Scan# 4768
Delta R.T. 0.003 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

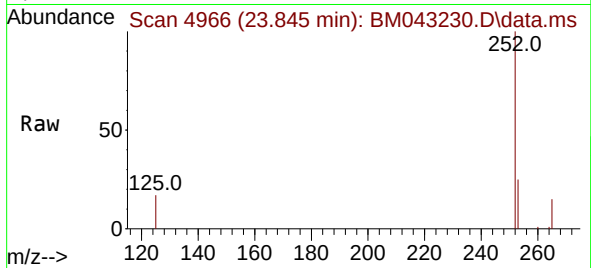
Tgt Ion:252 Resp: 29136
Ion Ratio Lower Upper
252 100
253 24.1 18.6 28.0
125 16.2 11.8 17.8



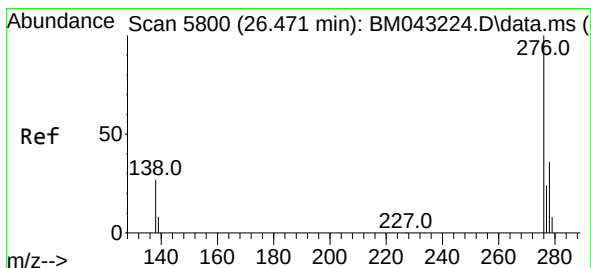
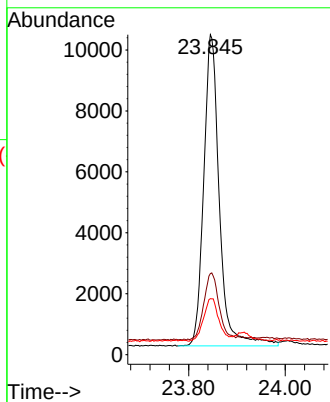
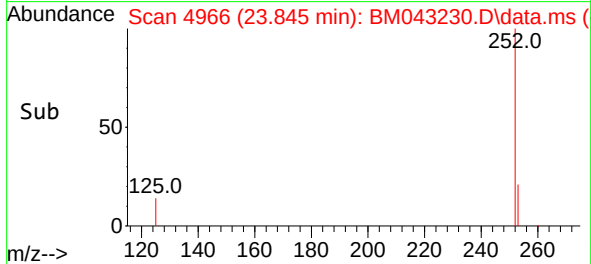


#26
Benzo(a)pyrene
Concen: 0.290 ng/ul
RT: 23.845 min Scan# 4966
Delta R.T. -0.000 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

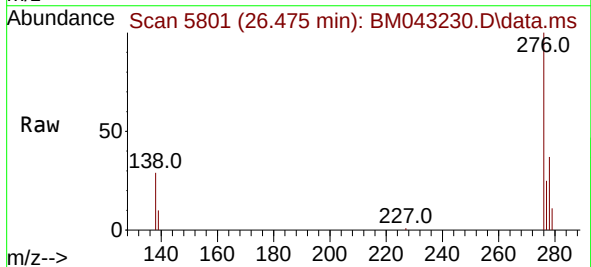
Instrument :
BNA_M
ClientSampleId :
SLCS624



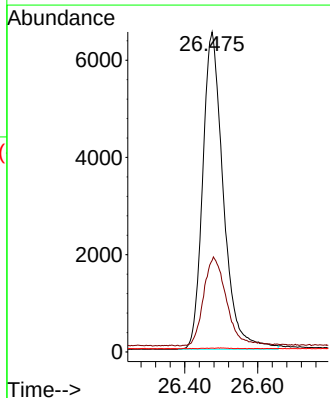
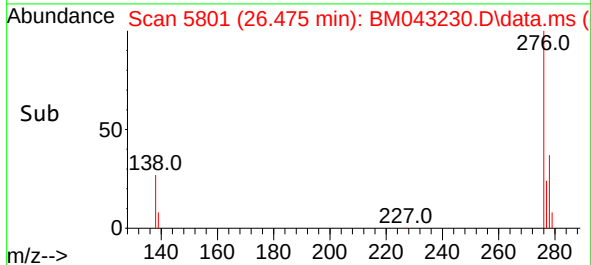
Tgt Ion:	252	Resp:	22906
Ion Ratio	Lower	Upper	
252	100		
253	25.3	20.2	30.2
125	17.5	13.5	20.3

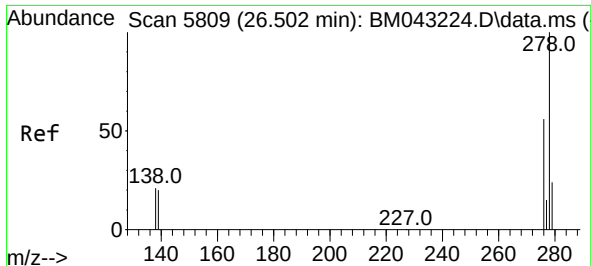


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.285 ng/ul
RT: 26.475 min Scan# 5801
Delta R.T. 0.004 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46



Tgt Ion:	276	Resp:	25601
Ion Ratio	Lower	Upper	
276	100		
138	31.2	24.6	36.8
227	0.0	0.0	0.0

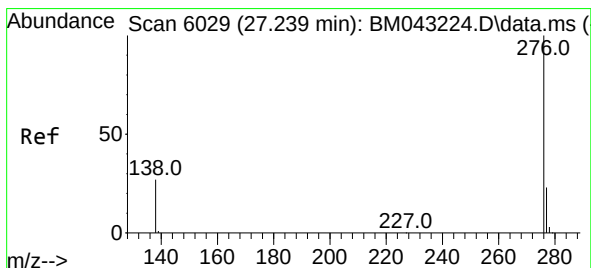
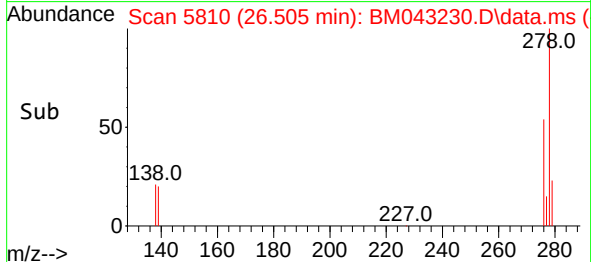
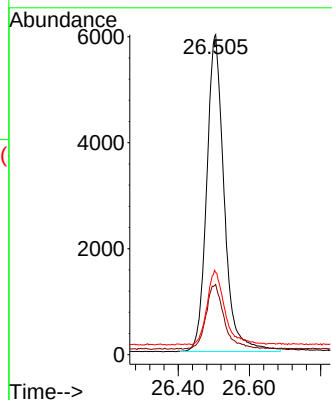
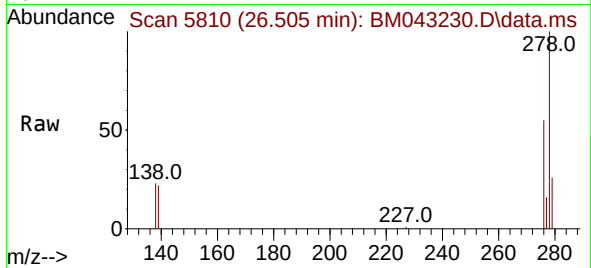




#28
Dibenzo(a,h)anthracene
Concen: 0.285 ng/ul
RT: 26.505 min Scan# 5809
Delta R.T. 0.004 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SLCS624

Tgt Ion:278 Resp: 20321
Ion Ratio Lower Upper
278 100
139 21.9 17.4 26.2
279 25.6 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.284 ng/ul
RT: 27.246 min Scan# 6031
Delta R.T. 0.007 min
Lab File: BM043230.D
Acq: 11 Dec 2023 17:46

Tgt Ion:276 Resp: 21800
Ion Ratio Lower Upper
276 100
138 28.4 23.1 34.7
277 24.3 19.4 29.0

