

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043061.D
 Acq On : 27 Nov 2023 22:26
 Operator : MA/JU
 Sample : PB157288BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS288

Quant Time: Nov 28 00:24:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

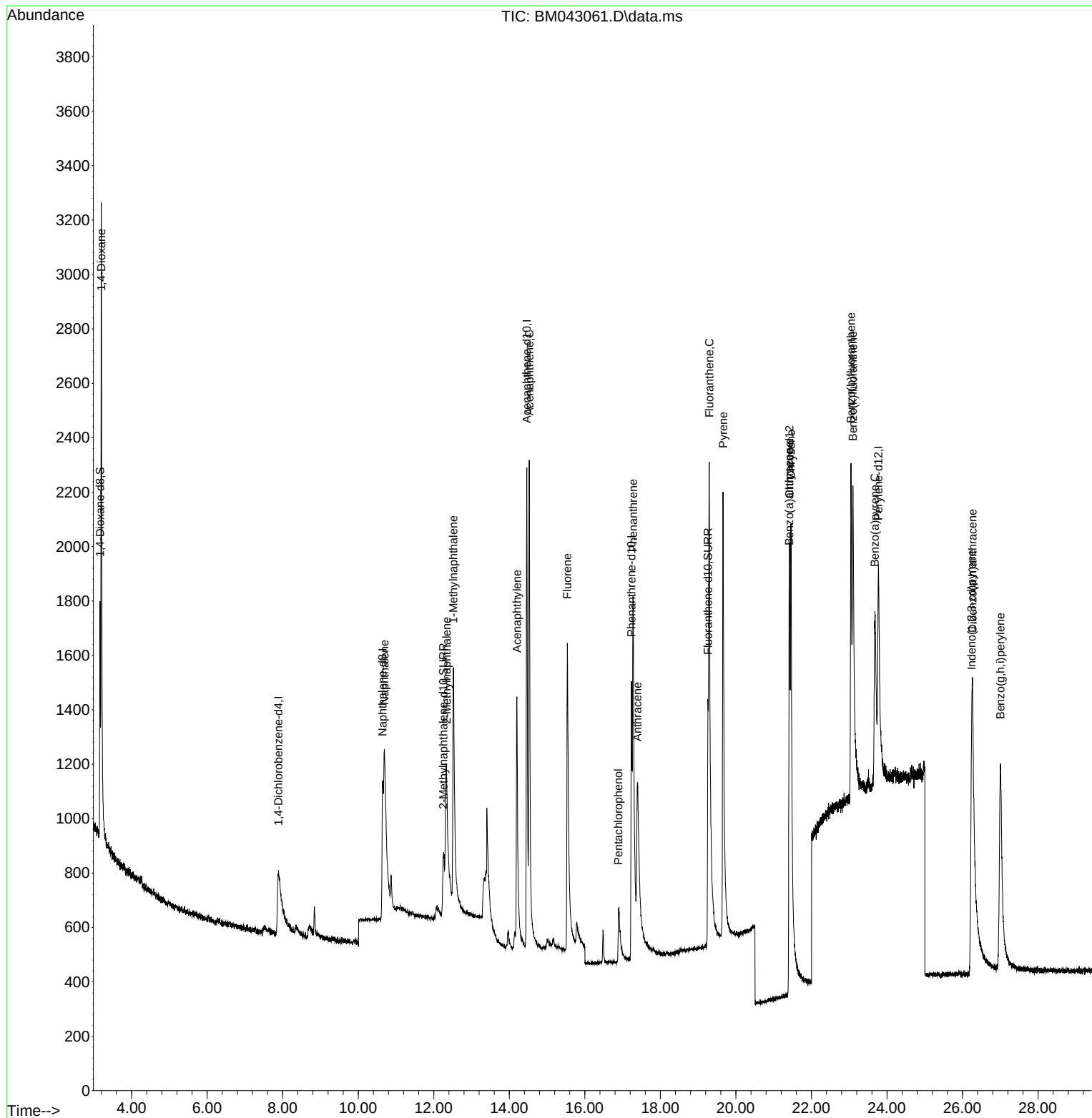
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.889	152	612	0.400	ng/ul	0.00
4) Naphthalene-d8	10.644	136	2179	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.464	164	1307	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.233	188	2631	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	1415	0.400	ng/ul	0.00
23) Perylene-d12	23.774	264	1653	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	680	0.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	904	0.310	ng/ul	0.00
18) Fluoranthene-d10	19.261	212	1953	0.379	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.197	88	1811	1.796	ng/ul#	86
5) Naphthalene	10.693	128	1710	0.289	ng/ul#	92
7) 2-Methylnaphthalene	12.337	142	992	0.284	ng/ul	99
8) 1-Methylnaphthalene	12.519	142	1060	0.272	ng/ul	95
10) Acenaphthylene	14.200	152	1902	0.285	ng/ul	98
11) Acenaphthene	14.528	153	1475	0.292	ng/ul	99
12) Fluorene	15.537	166	1545	0.298	ng/ul	98
14) Pentachlorophenol	16.891	266	391	0.549	ng/ul	98
15) Phenanthrene	17.275	178	2264	0.302	ng/ul	95
16) Anthracene	17.389	178	2128	0.299	ng/ul	96
19) Fluoranthene	19.294	202	2789	0.348	ng/ul	97
20) Pyrene	19.661	202	2908	0.341	ng/ul	98
21) Benzo(a)anthracene	21.409	228	1505	0.328	ng/ul	99
22) Chrysene	21.456	228	2899	0.339	ng/ul	99
24) Benzo(b)fluoranthene	23.049	252	2069	0.371	ng/ul	97
25) Benzo(k)fluoranthene	23.098	252	2809	0.366	ng/ul	96
26) Benzo(a)pyrene	23.680	252	2103	0.345	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.242	276	2845	0.345	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.265	278	2213	0.347	ng/ul	97
29) Benzo(g,h,i)perylene	27.003	276	2794	0.349	ng/ul	97

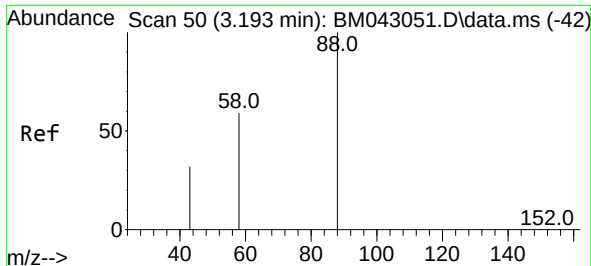
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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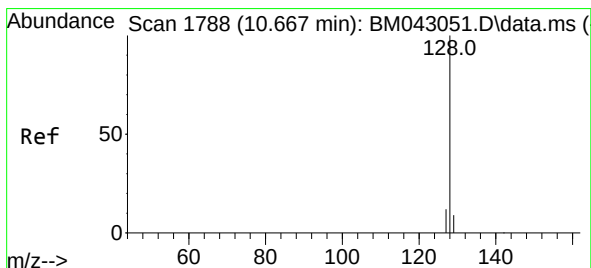
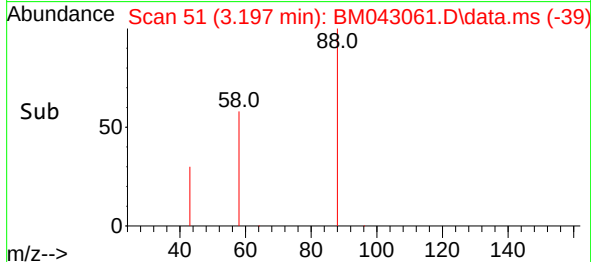
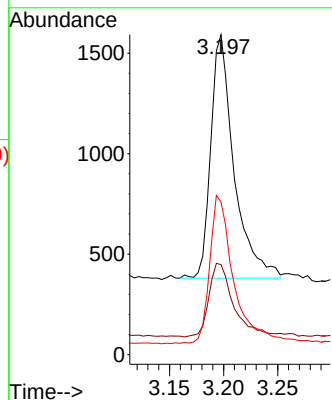
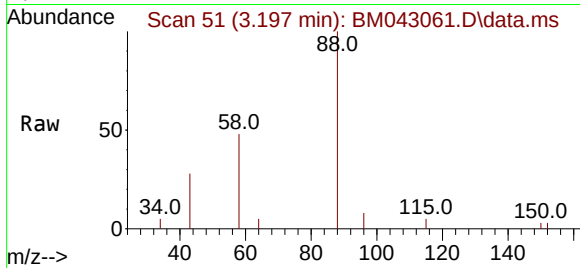




#2
1,4-Dioxane
Concen: 1.796 ng/ul
RT: 3.197 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

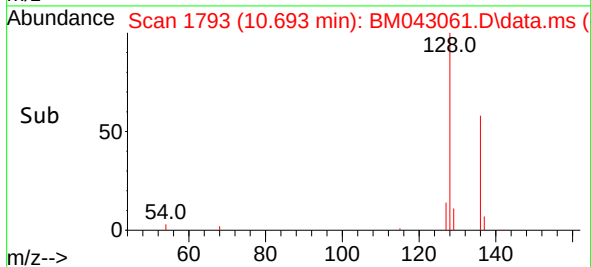
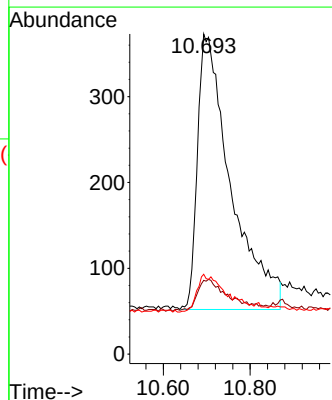
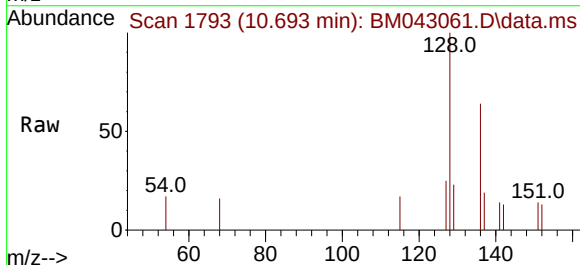
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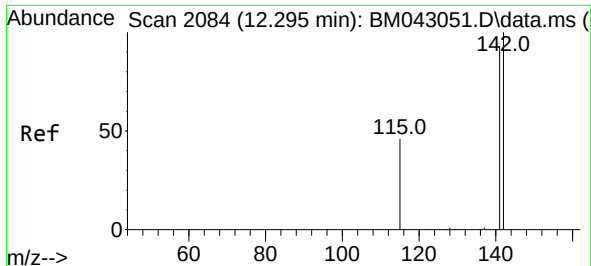
Tgt Ion: 88 Resp: 1811
Ion Ratio Lower Upper
88 100
43 28.1 22.8 34.2
58 47.7 26.8 40.2#



#5
Naphthalene
Concen: 0.289 ng/ul
RT: 10.693 min Scan# 1793
Delta R.T. -0.005 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:128 Resp: 1710
Ion Ratio Lower Upper
128 100
129 23.1 16.0 24.0
127 24.9 16.5 24.7#

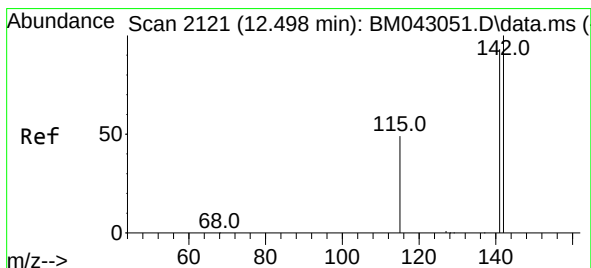
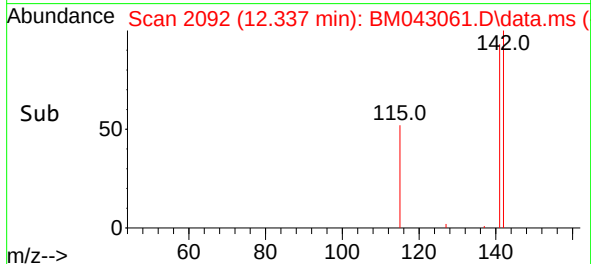
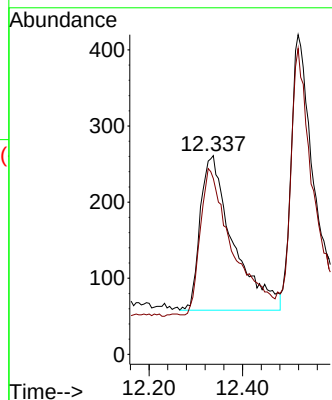
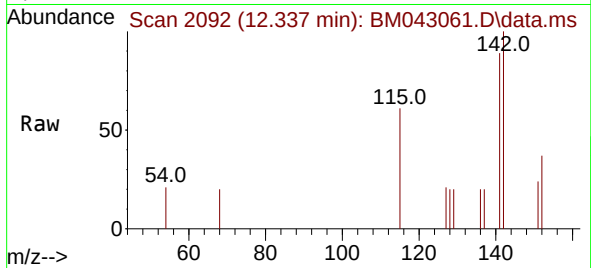




#7
2-Methylnaphthalene
Concen: 0.284 ng/ul
RT: 12.337 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

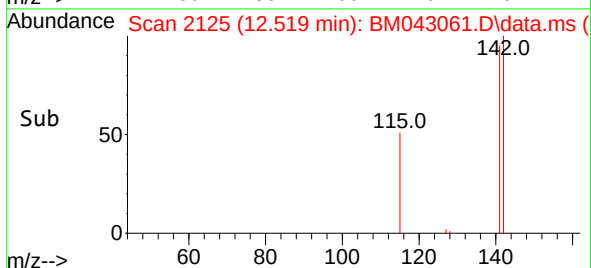
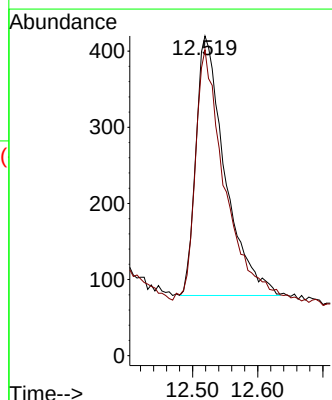
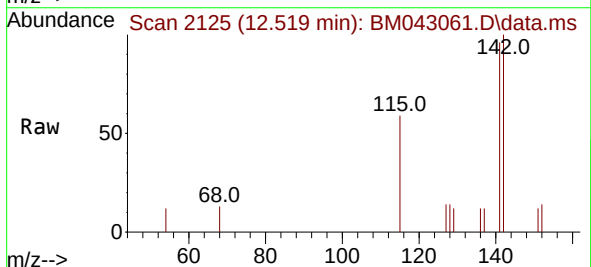
Instrument :
BNA_M
ClientSampleId :
SLCS288

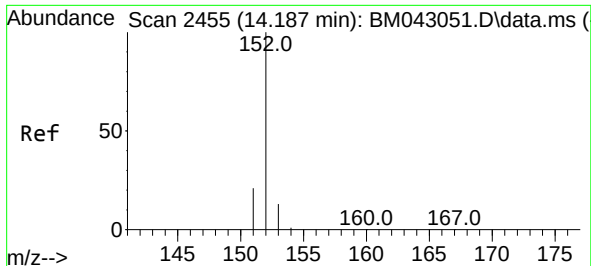
Tgt Ion:142 Resp: 992
Ion Ratio Lower Upper
142 100
141 93.9 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.519 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:142 Resp: 1060
Ion Ratio Lower Upper
142 100
141 97.1 73.8 110.8

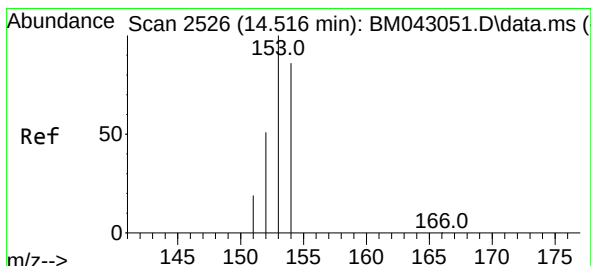
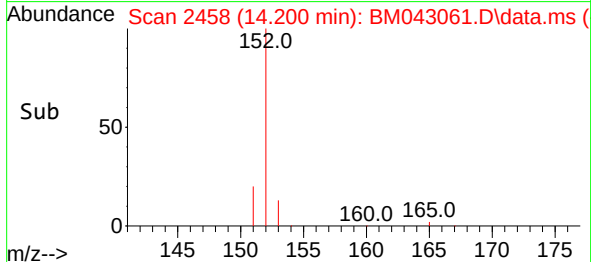
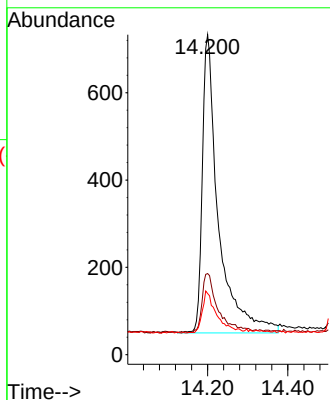
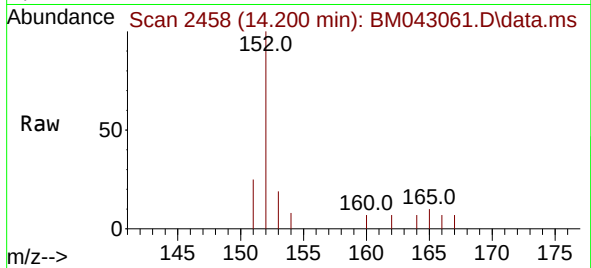




#10
Acenaphthylene
Concen: 0.285 ng/ul
RT: 14.200 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

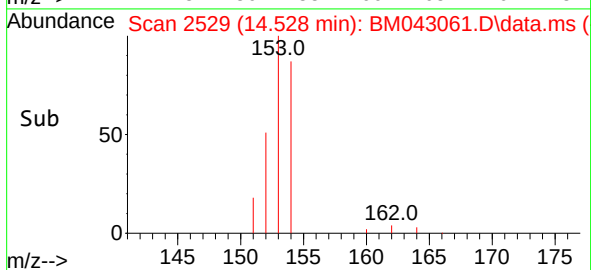
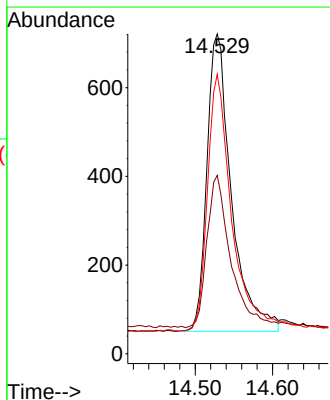
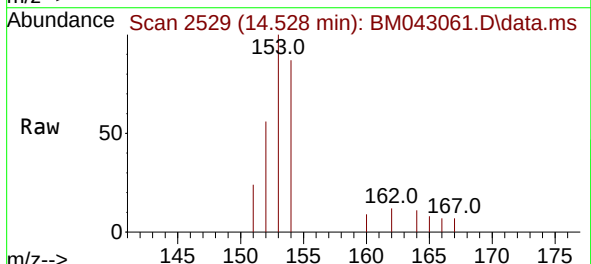
Instrument :
BNA_M
ClientSampleId :
SLCS288

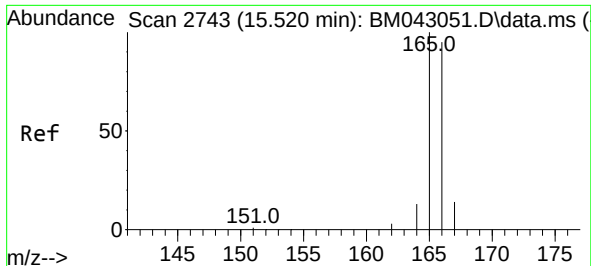
Tgt Ion:152 Resp: 1902
Ion Ratio Lower Upper
152 100
151 25.4 19.4 29.0
153 19.1 14.6 21.8



#11
Acenaphthene
Concen: 0.292 ng/ul
RT: 14.528 min Scan# 2529
Delta R.T. -0.005 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:153 Resp: 1475
Ion Ratio Lower Upper
153 100
152 55.8 43.9 65.9
154 87.4 70.6 105.8

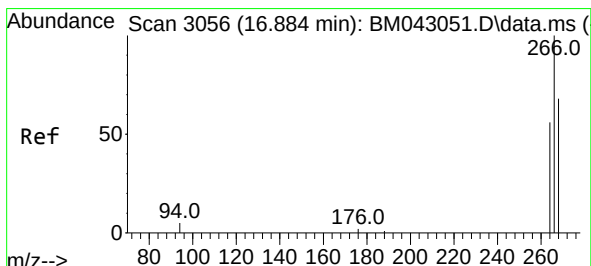
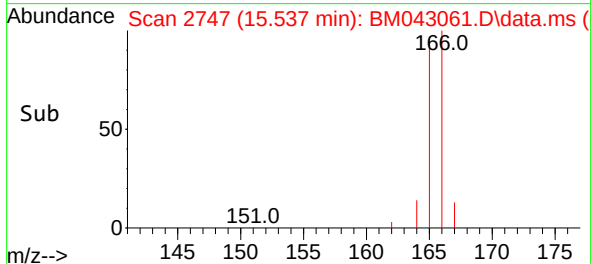
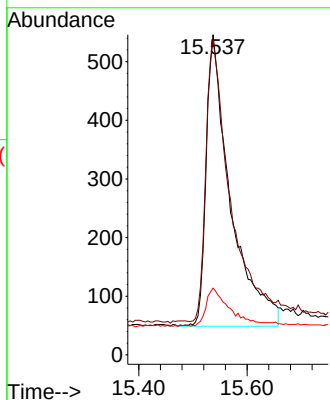
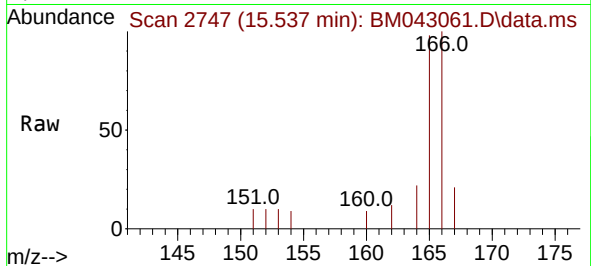




#12
Fluorene
Concen: 0.298 ng/ul
RT: 15.537 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

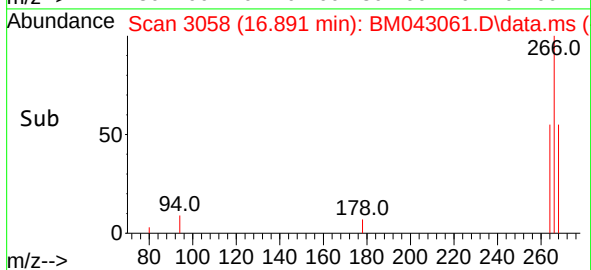
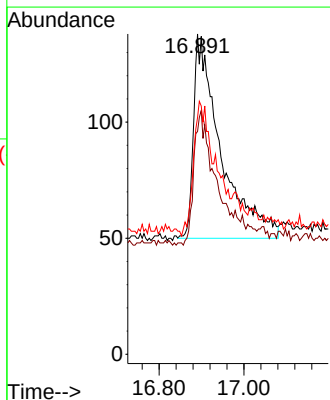
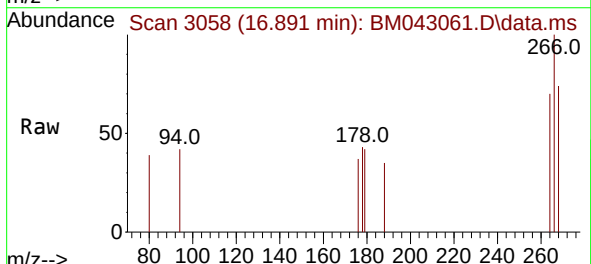
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ClientSampleId :
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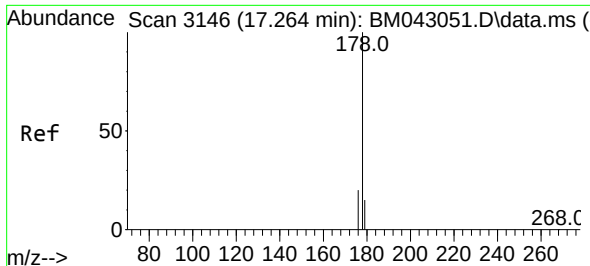
Tgt Ion:166 Resp: 1545
Ion Ratio Lower Upper
166 100
165 98.4 79.9 119.9
167 20.9 14.2 21.4



#14
Pentachlorophenol
Concen: 0.549 ng/ul
RT: 16.891 min Scan# 3058
Delta R.T. -0.021 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:266 Resp: 391
Ion Ratio Lower Upper
266 100
264 61.4 48.8 73.2
268 62.4 51.8 77.6

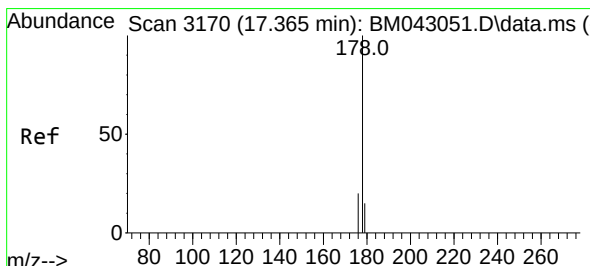
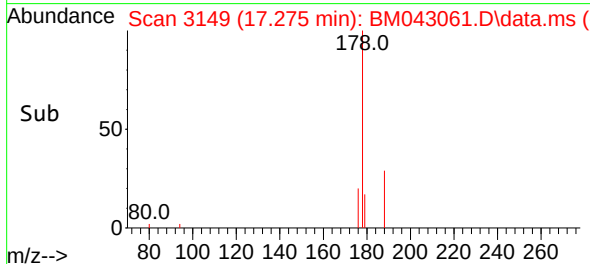
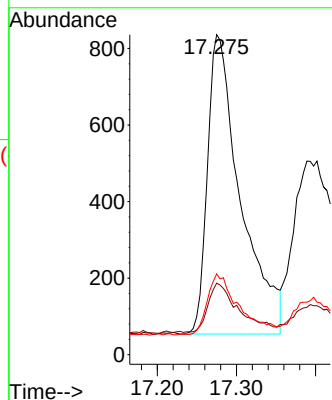
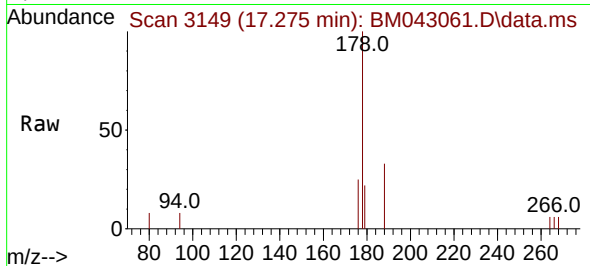




#15
Phenanthrene
Concen: 0.302 ng/ul
RT: 17.275 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

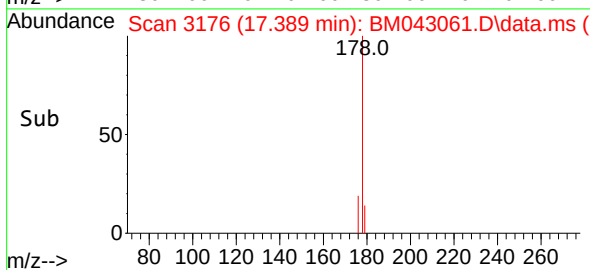
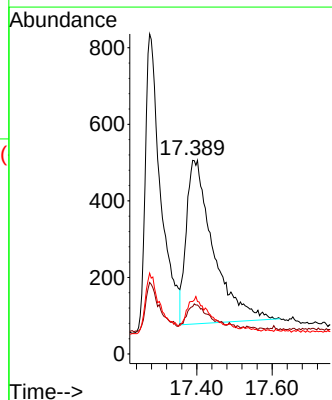
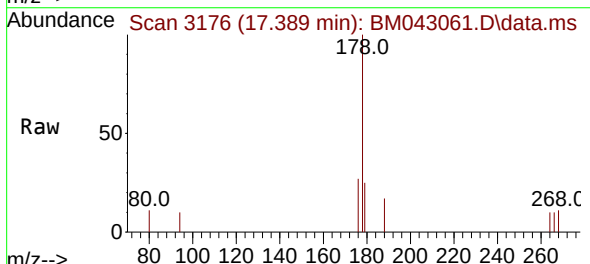
Instrument :
BNA_M
ClientSampleId :
SLCS288

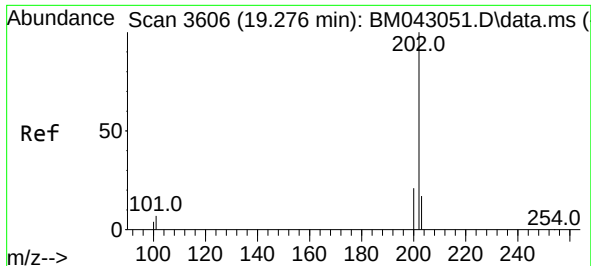
Tgt Ion:	178	Resp:	2264
Ion	Ratio	Lower	Upper
178	100		
179	22.4	15.7	23.5
176	25.2	18.9	28.3



#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.389 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:	178	Resp:	2128
Ion	Ratio	Lower	Upper
178	100		
179	24.5	17.3	25.9
176	27.1	20.5	30.7

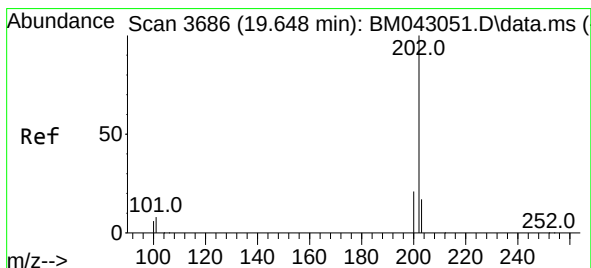
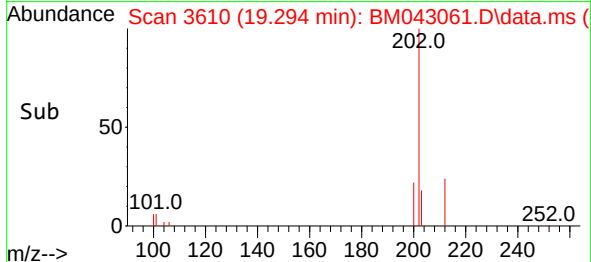
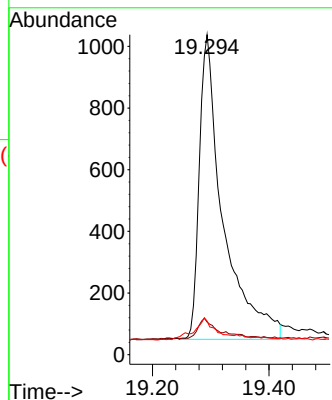
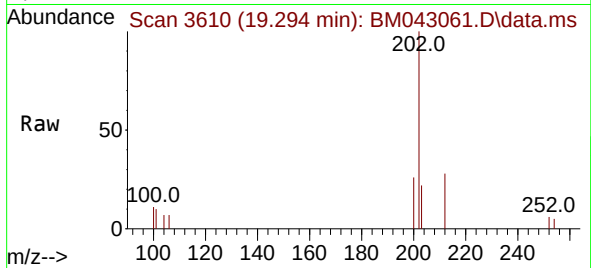




#19
Fluoranthene
Concen: 0.348 ng/u1
RT: 19.294 min Scan# 3610
Delta R.T. 0.000 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

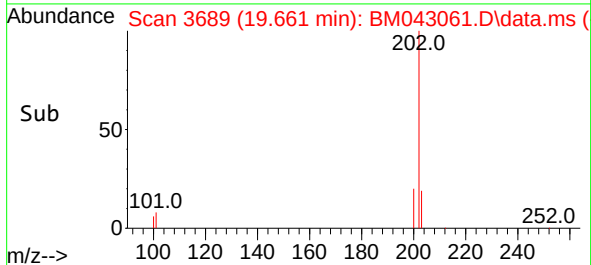
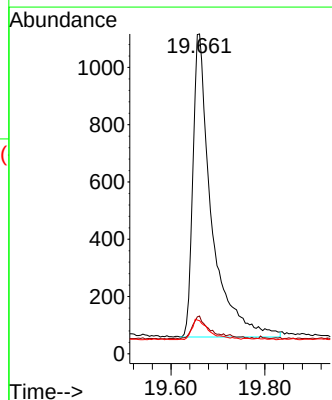
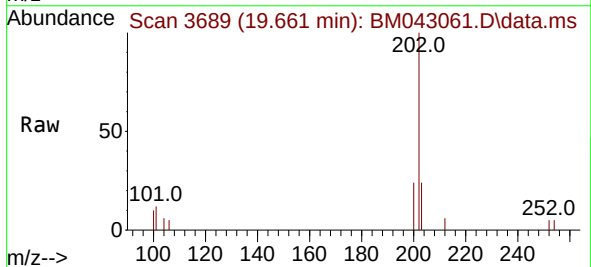
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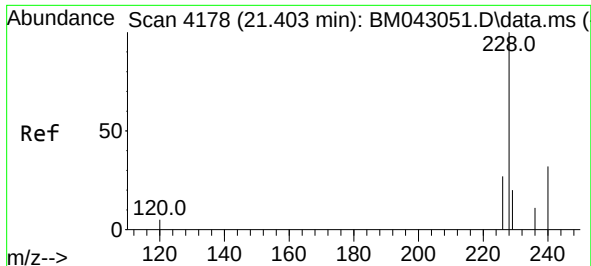
Tgt Ion:202 Resp: 2789
Ion Ratio Lower Upper
202 100
101 10.2 7.8 11.8
100 10.5 7.1 10.7



#20
Pyrene
Concen: 0.341 ng/u1
RT: 19.661 min Scan# 3689
Delta R.T. 0.000 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:202 Resp: 2908
Ion Ratio Lower Upper
202 100
101 11.8 8.7 13.1
100 10.4 7.8 11.8

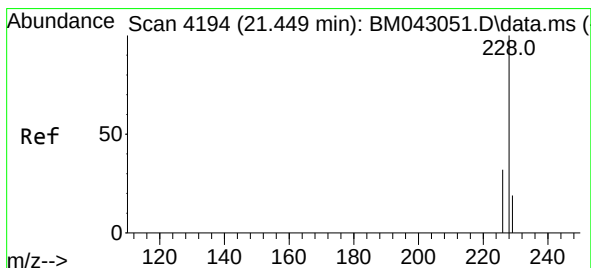
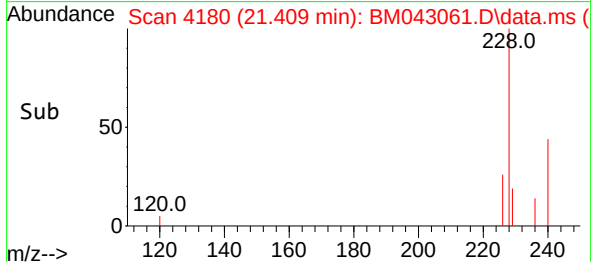
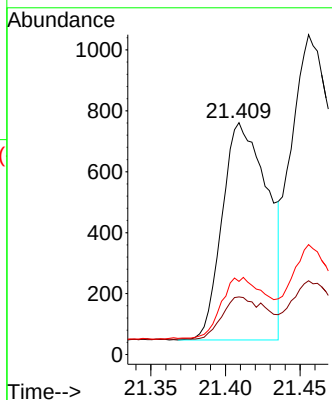
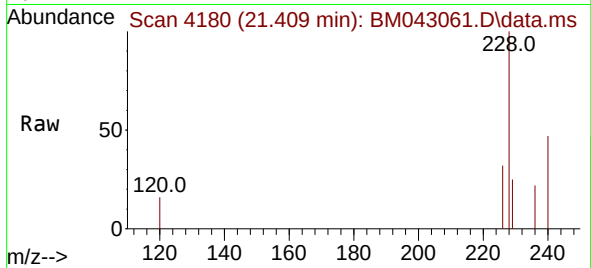




#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.409 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

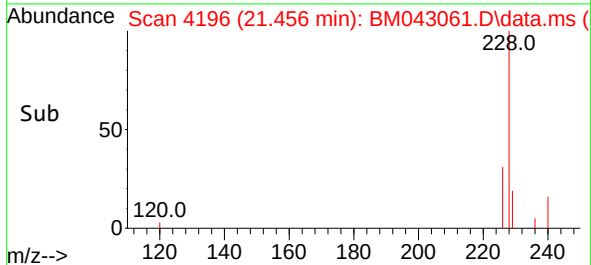
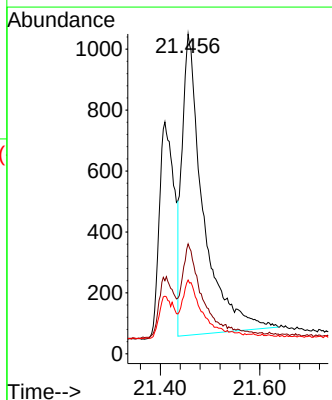
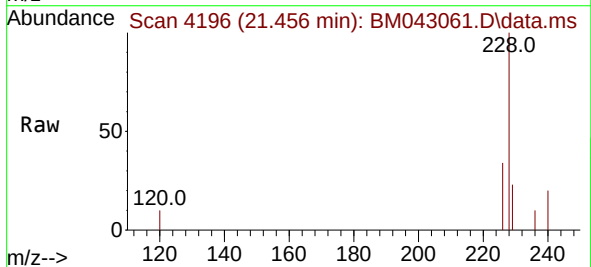
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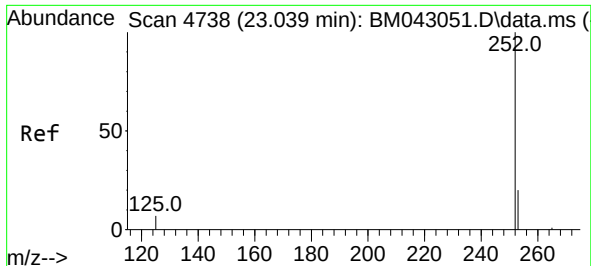
Tgt Ion:228 Resp: 1505
Ion Ratio Lower Upper
228 100
229 24.8 19.4 29.0
226 31.5 24.9 37.3



#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.456 min Scan# 4196
Delta R.T. -0.003 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:228 Resp: 2899
Ion Ratio Lower Upper
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226 34.4 27.2 40.8
229 23.0 18.0 27.0

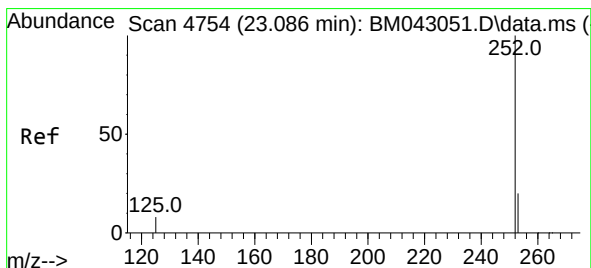
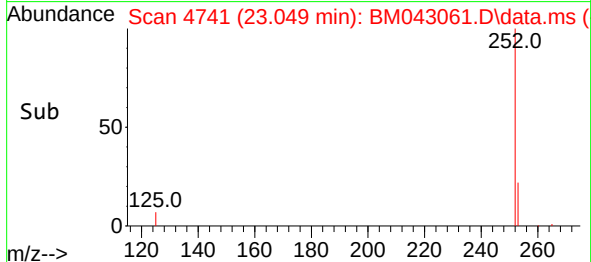
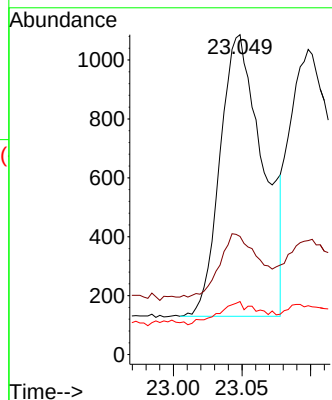
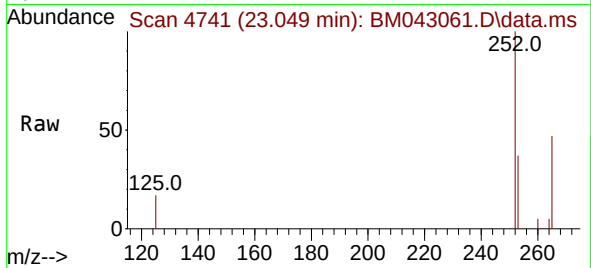




#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 23.049 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

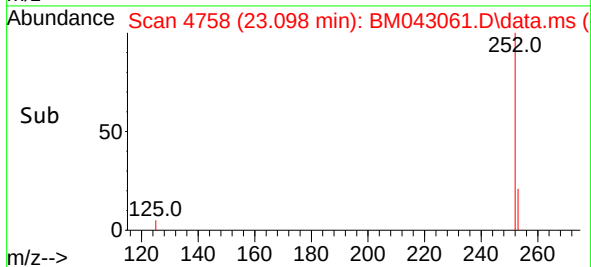
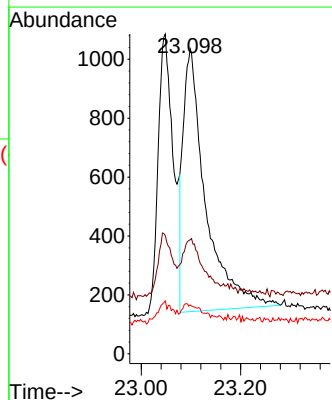
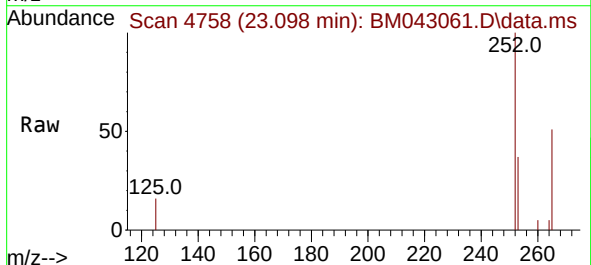
Instrument :
BNA_M
ClientSampleId :
SLCS288

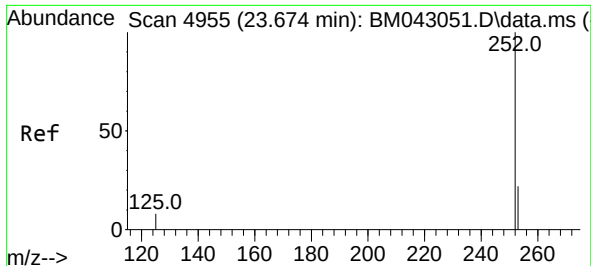
Tgt Ion:252 Resp: 2069
Ion Ratio Lower Upper
252 100
253 36.9 0.0 71.8
125 16.6 0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.366 ng/ul
RT: 23.098 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

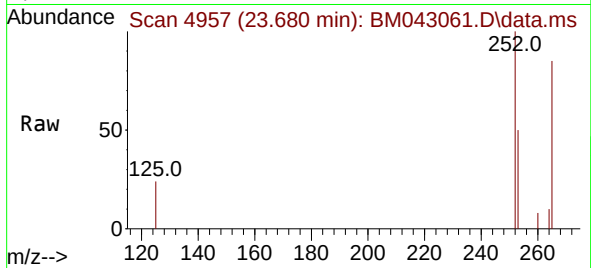
Tgt Ion:252 Resp: 2809
Ion Ratio Lower Upper
252 100
253 37.4 28.2 42.2
125 16.0 11.0 16.6



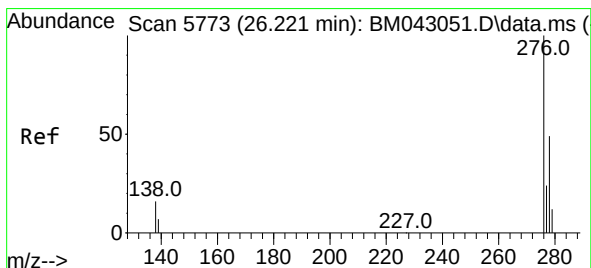
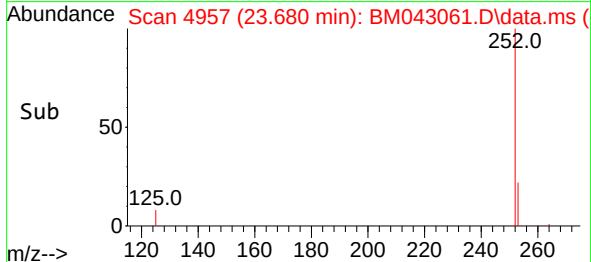
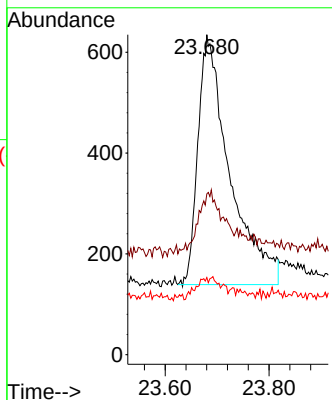


#26
Benzo(a)pyrene
Concen: 0.345 ng/ul
RT: 23.680 min Scan# 4957
Delta R.T. -0.006 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Instrument :
BNA_M
ClientSampleId :
SLCS288

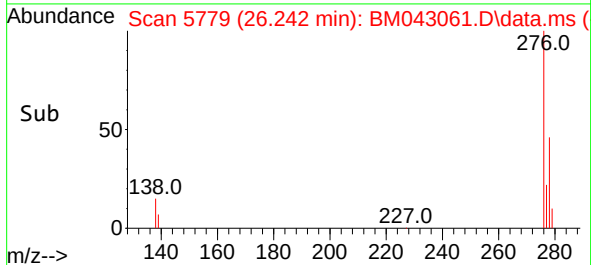
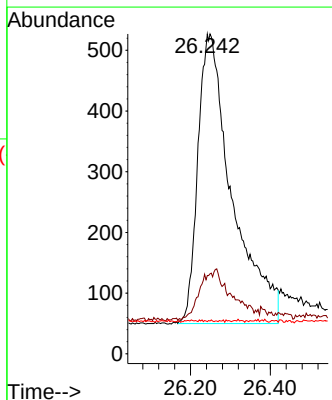
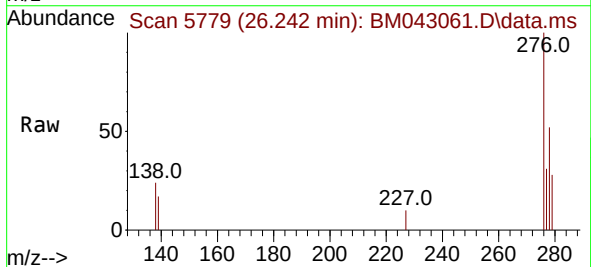


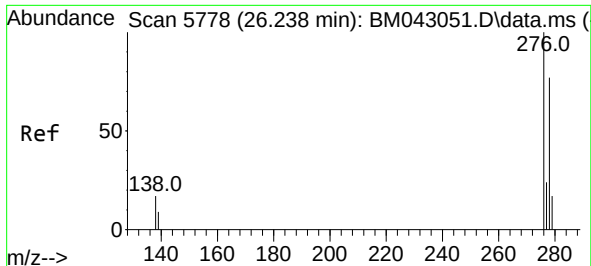
Tgt Ion:252 Resp: 2103
Ion Ratio Lower Upper
252 100
253 50.2 36.6 55.0
125 24.1 16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.345 ng/ul
RT: 26.242 min Scan# 5779
Delta R.T. 0.003 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:276 Resp: 2845
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.1 0.2 0.2#

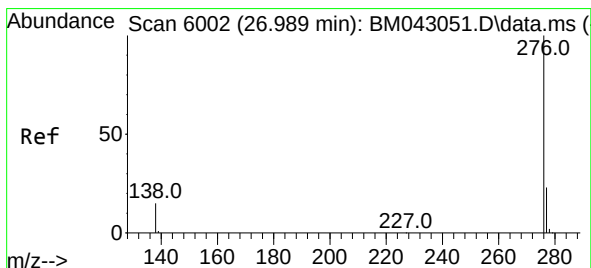
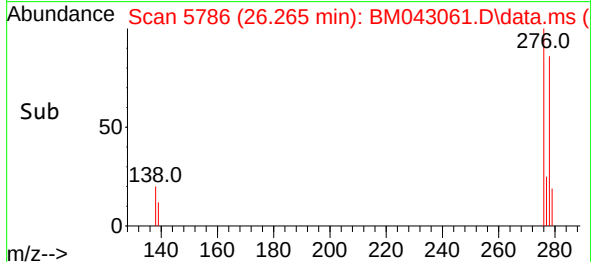
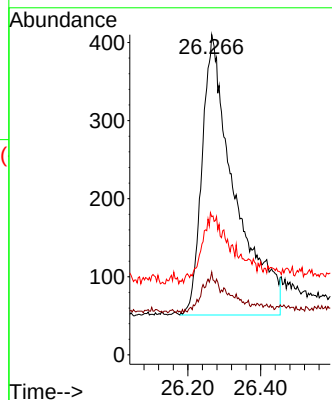
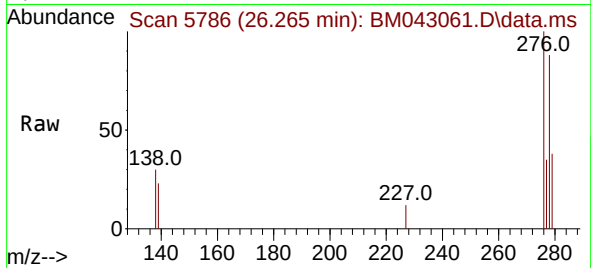




#28
Dibenzo(a,h)anthracene
Concen: 0.347 ng/ul
RT: 26.265 min Scan# 5786
Delta R.T. -0.010 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Instrument :
BNA_M
ClientSampleId :
SLCS288

Tgt Ion:278 Resp: 2213
Ion Ratio Lower Upper
278 100
139 25.9 18.1 27.1
279 43.2 34.4 51.6



#29
Benzo(g,h,i)perylene
Concen: 0.349 ng/ul
RT: 27.003 min Scan# 6006
Delta R.T. -0.007 min
Lab File: BM043061.D
Acq: 27 Nov 2023 22:26

Tgt Ion:276 Resp: 2794
Ion Ratio Lower Upper
276 100
138 23.0 17.8 26.8
277 32.0 23.8 35.8

