

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100323\
 Data File : BM042181.D
 Acq On : 04 Oct 2023 02:54
 Operator : MA/JU
 Sample : PB155901BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS901

Quant Time: Oct 04 03:40:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:28:41 2023
 Response via : Initial Calibration

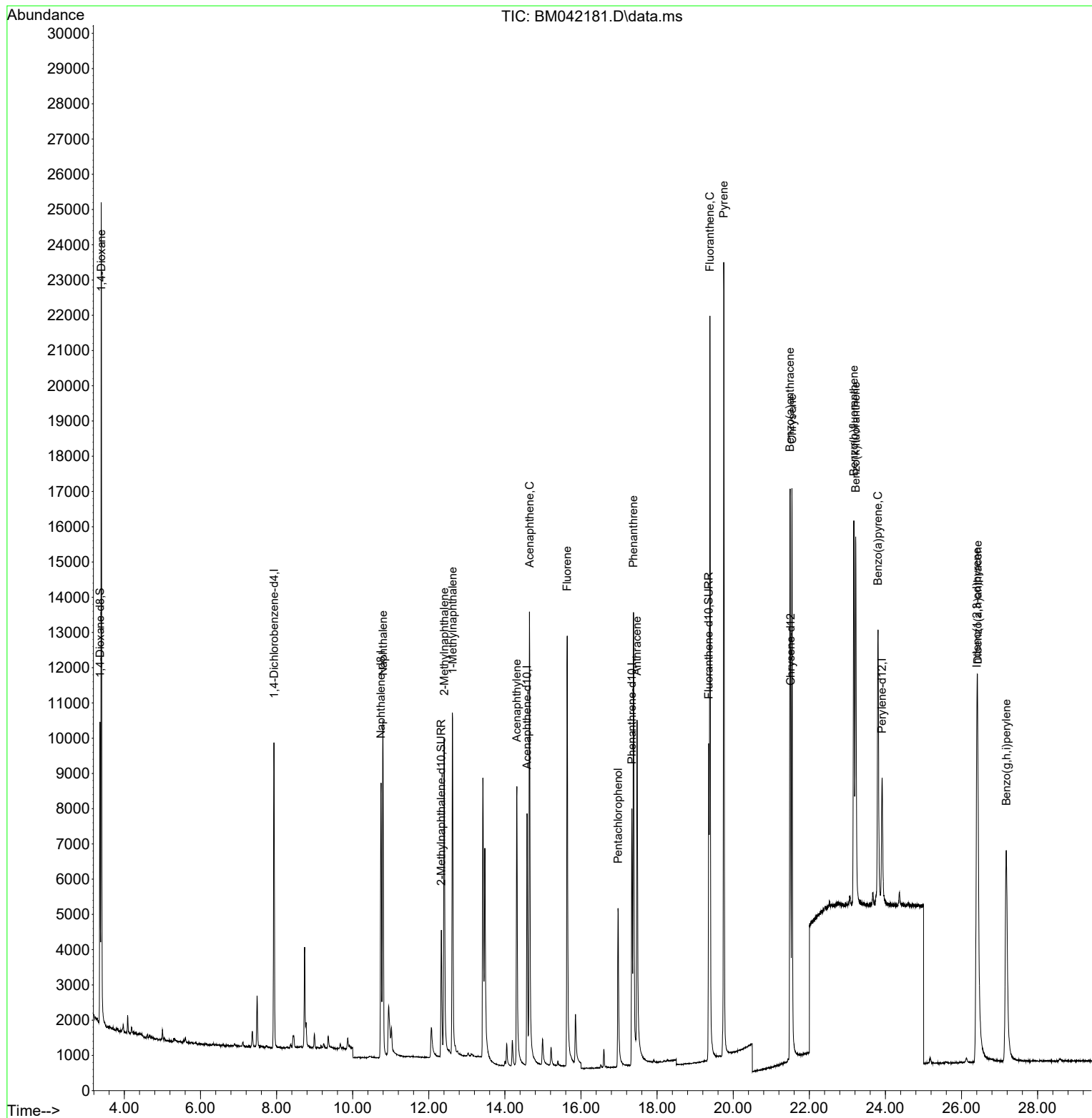
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	4397	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	10869	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	4476	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	8946	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	5103	0.400	ng/ul	0.00
23) Perylene-d12	23.912	264	5438	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	4472	0.764	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	5759	0.386	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	8974	0.468	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	13520	2.211	ng/ul#	75
5) Naphthalene	10.796	128	13680	0.377	ng/ul	100
7) 2-Methylnaphthalene	12.407	142	8135	0.375	ng/ul	96
8) 1-Methylnaphthalene	12.627	142	7667	0.351	ng/ul	98
10) Acenaphthylene	14.314	152	11936	0.422	ng/ul	99
11) Acenaphthene	14.647	153	8732	0.408	ng/ul	100
12) Fluorene	15.637	166	9755	0.405	ng/ul	98
14) Pentachlorophenol	16.974	266	3860	0.952	ng/ul	98
15) Phenanthrene	17.379	178	15594	0.423	ng/ul	100
16) Anthracene	17.472	178	13660	0.405	ng/ul	99
19) Fluoranthene	19.389	202	18431	0.475	ng/ul	96
20) Pyrene	19.752	202	19321	0.469	ng/ul#	93
21) Benzo(a)anthracene	21.492	228	14224	0.432	ng/ul	100
22) Chrysene	21.545	228	14683	0.458	ng/ul	99
24) Benzo(b)fluoranthene	23.170	252	14755	0.460	ng/ul	99
25) Benzo(k)fluoranthene	23.219	252	14516	0.460	ng/ul	98
26) Benzo(a)pyrene	23.804	252	13415	0.485	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.401	276	17684	0.451	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.424	278	13235	0.448	ng/ul	96
29) Benzo(g,h,i)perylene	27.176	276	15041	0.459	ng/ul	95

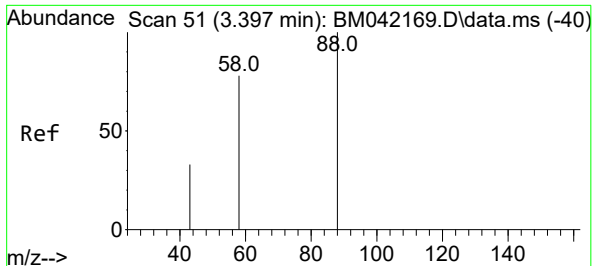
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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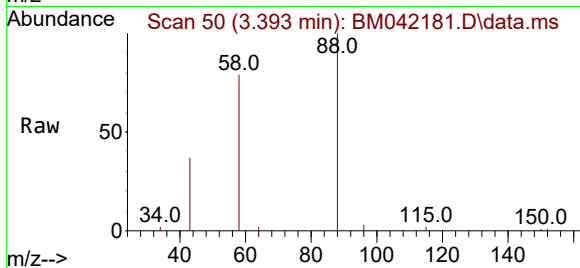
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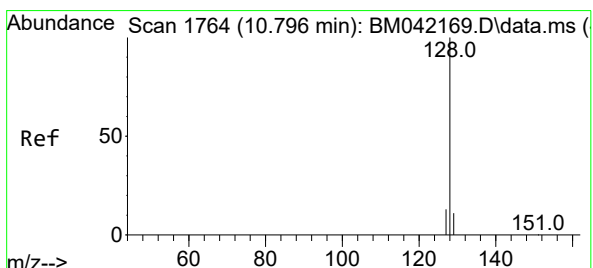
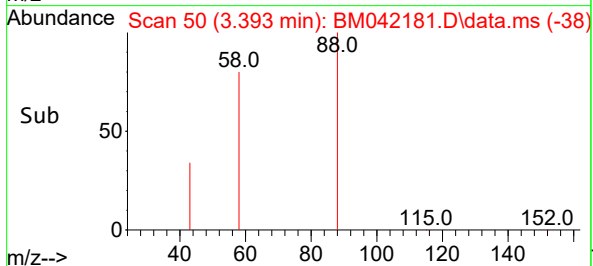
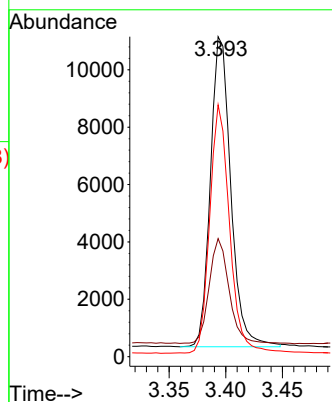


#2
1,4-Dioxane
Concen: 2.211 ng/ul
RT: 3.393 min Scan# 51
Delta R.T. -0.009 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

Instrument :
BNA_M
ClientSampleId :
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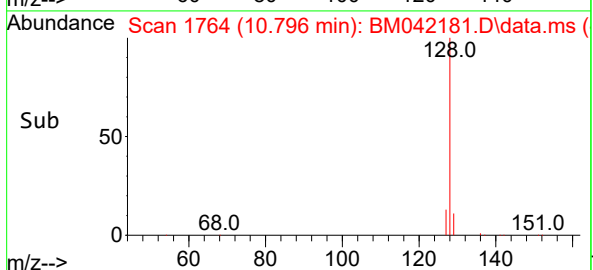
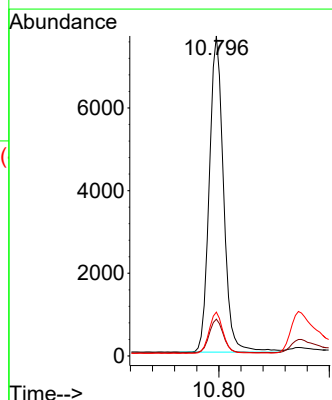
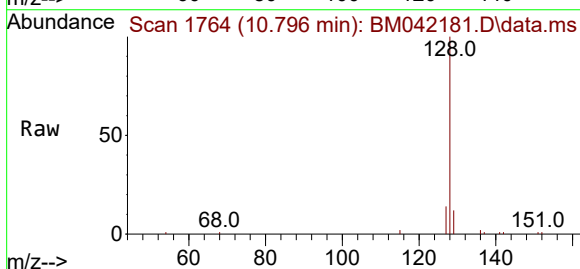


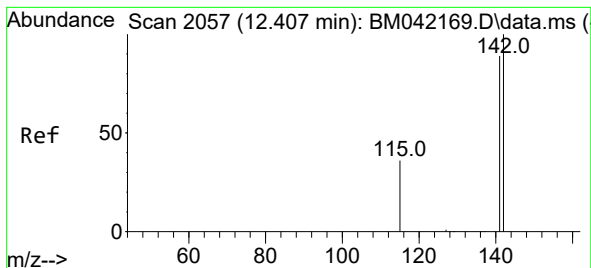
Tgt Ion: 88 Resp: 13520
Ion Ratio Lower Upper
88 100
43 36.9 52.1 78.1#
58 78.7 53.8 80.6



#5
Naphthalene
Concen: 0.377 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

Tgt Ion: 128 Resp: 13680
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.7 11.0 16.4

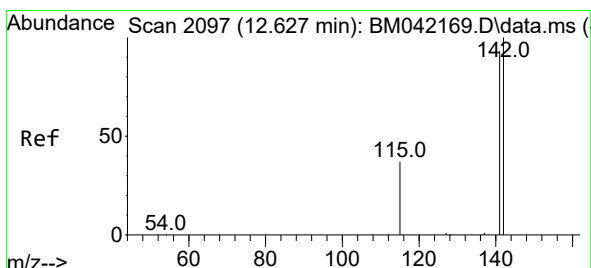
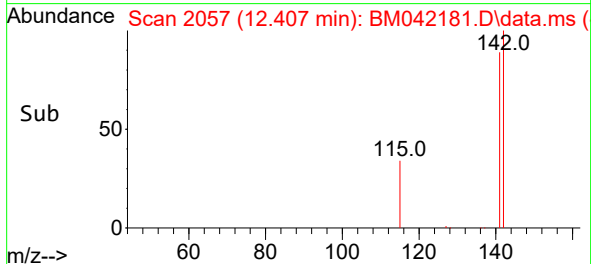
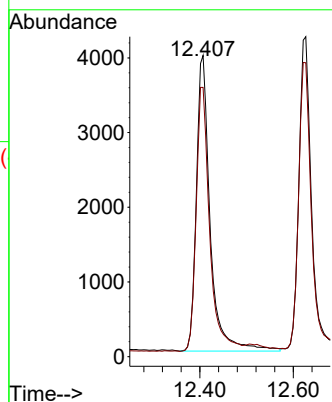
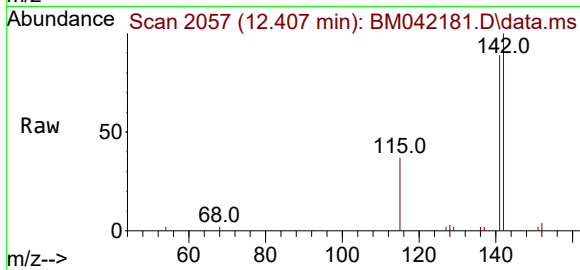




#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

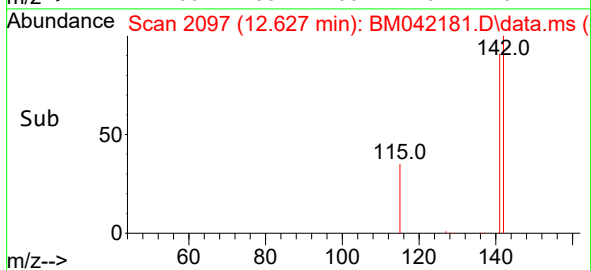
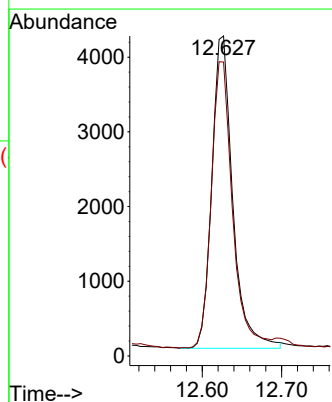
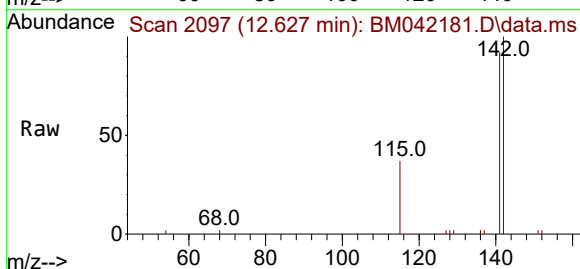
Instrument :
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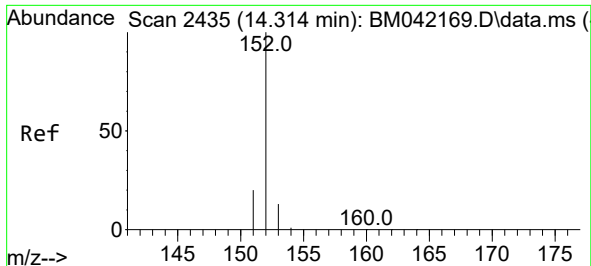
Tgt Ion:142 Resp: 8135
Ion Ratio Lower Upper
142 100
141 91.6 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

Tgt Ion:142 Resp: 7667
Ion Ratio Lower Upper
142 100
141 93.9 73.5 110.3

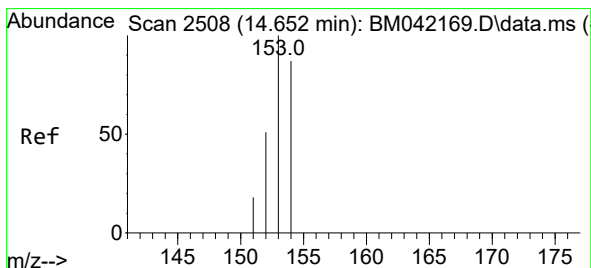
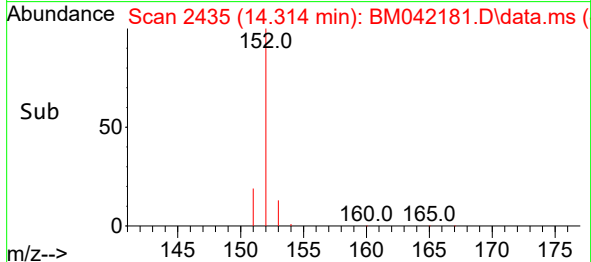
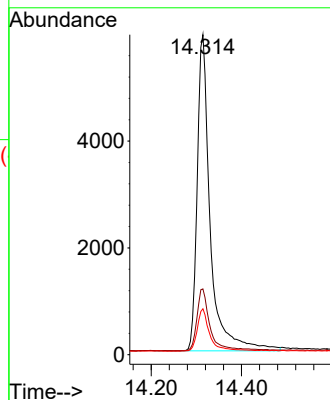
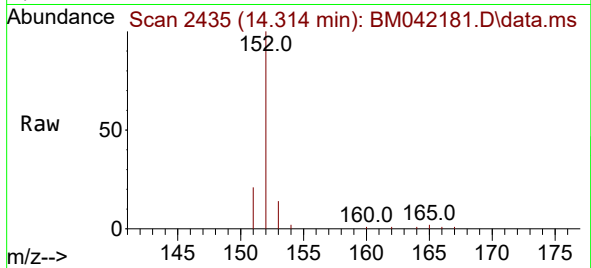




#10
Acenaphthylene
Concen: 0.422 ng/ul
RT: 14.314 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

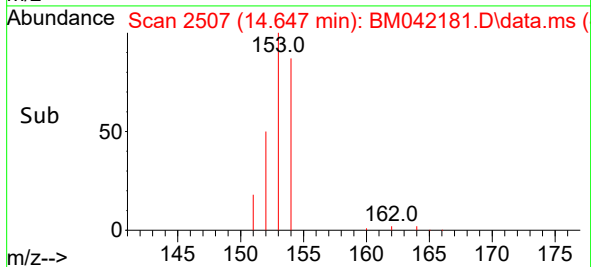
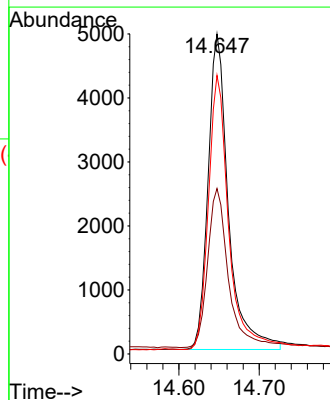
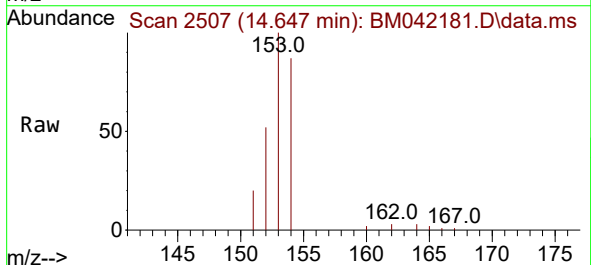
Instrument :
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ClientSampleId :
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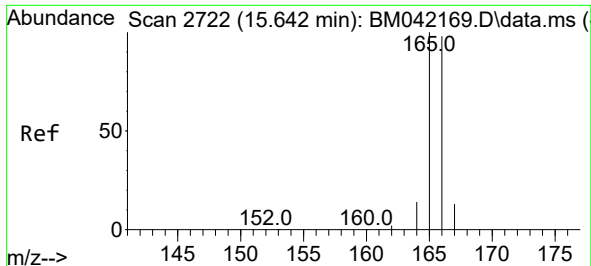
Tgt Ion:152 Resp: 11936
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 14.3 10.9 16.3



#11
Acenaphthene
Concen: 0.408 ng/ul
RT: 14.647 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

Tgt Ion:153 Resp: 8732
Ion Ratio Lower Upper
153 100
152 51.7 41.1 61.7
154 87.1 69.5 104.3

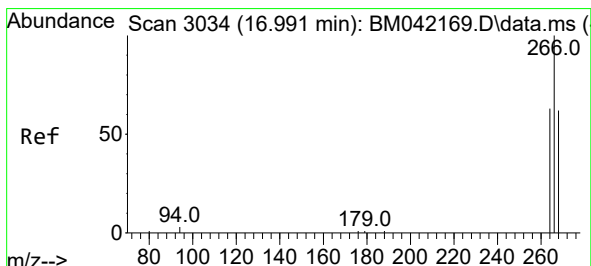
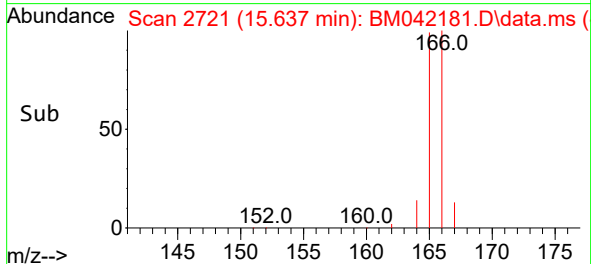
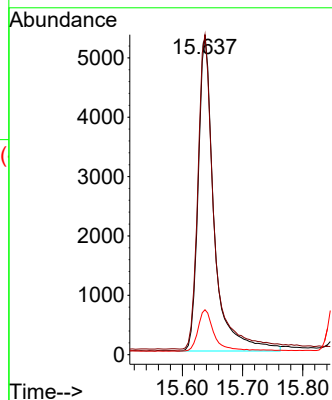
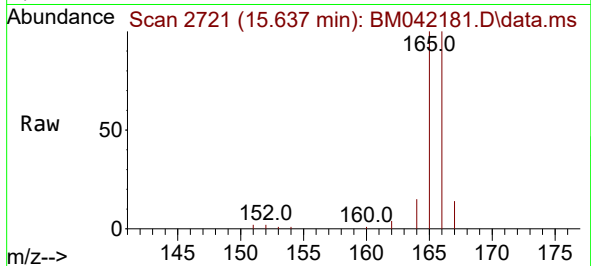




#12
Fluorene
Concen: 0.405 ng/ul
RT: 15.637 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

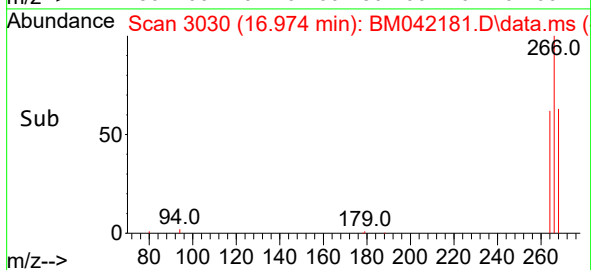
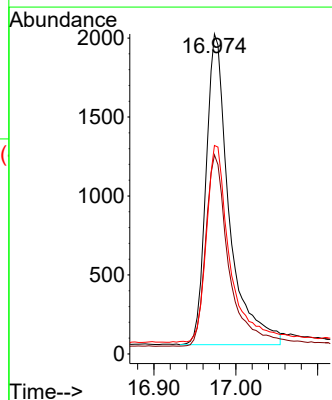
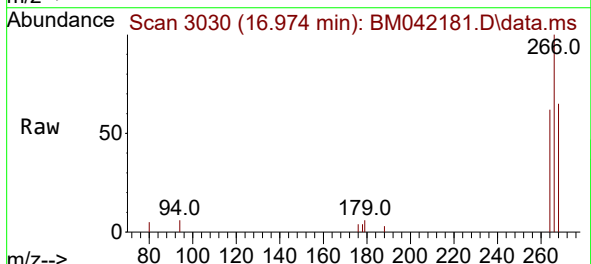
Instrument :
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ClientSampleId :
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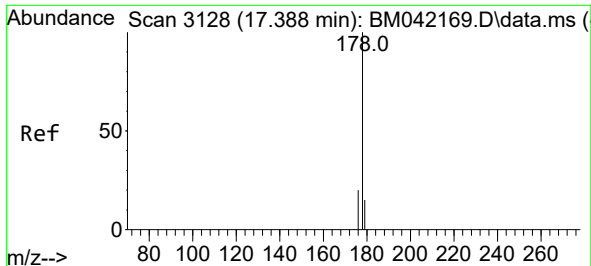
Tgt Ion:166 Resp: 9755
Ion Ratio Lower Upper
166 100
165 100.0 78.4 117.6
167 14.1 11.5 17.3



#14
Pentachlorophenol
Concen: 0.952 ng/ul
RT: 16.974 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

Tgt Ion:266 Resp: 3860
Ion Ratio Lower Upper
266 100
264 62.3 51.1 76.7
268 64.2 52.1 78.1

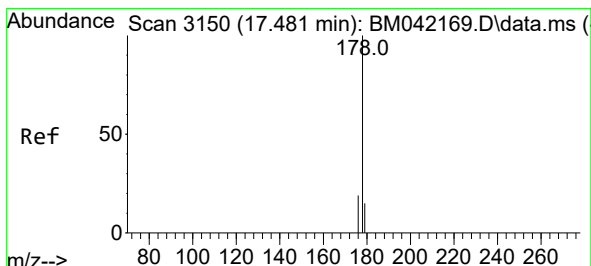
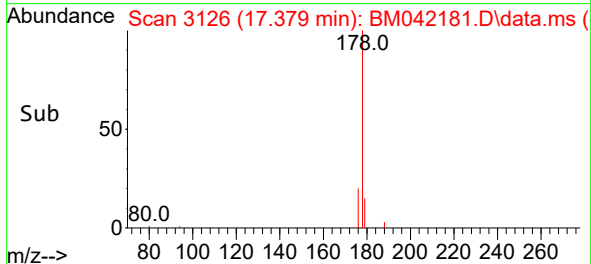
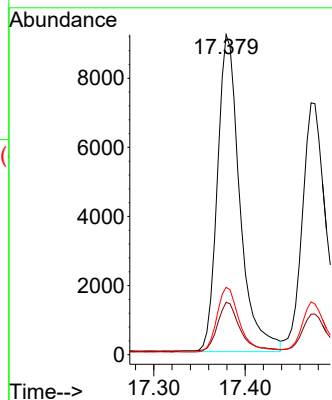
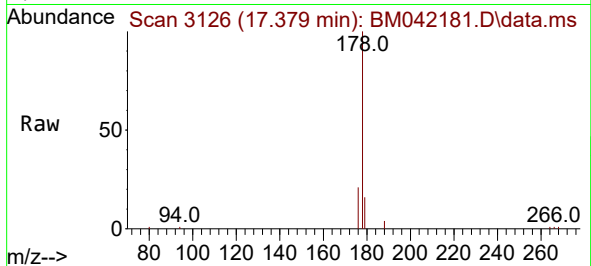




#15
Phenanthrene
Concen: 0.423 ng/ul
RT: 17.379 min Scan# 311
Delta R.T. -0.004 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

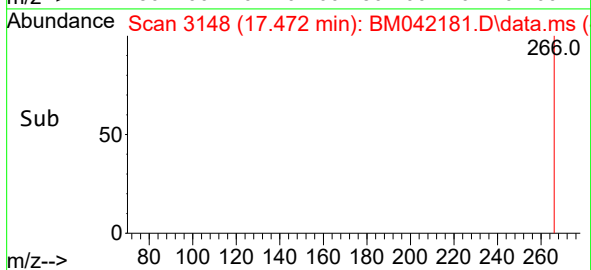
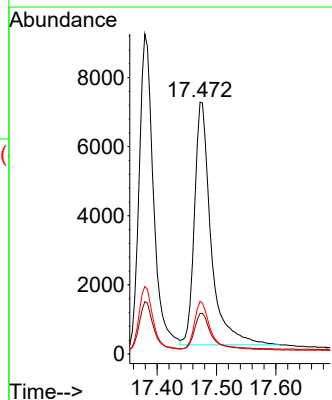
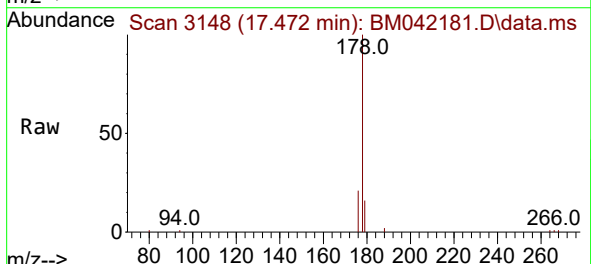
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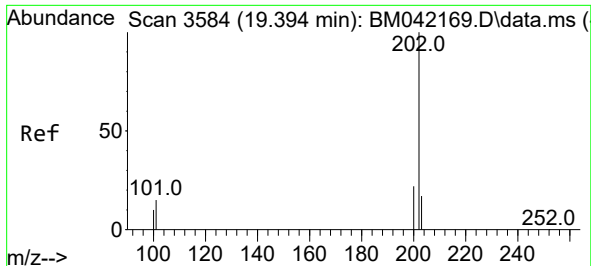
Tgt Ion:178 Resp: 15594
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 21.1 16.8 25.2



#16
Anthracene
Concen: 0.405 ng/ul
RT: 17.472 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

Tgt Ion:178 Resp: 13660
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 21.0 16.3 24.5

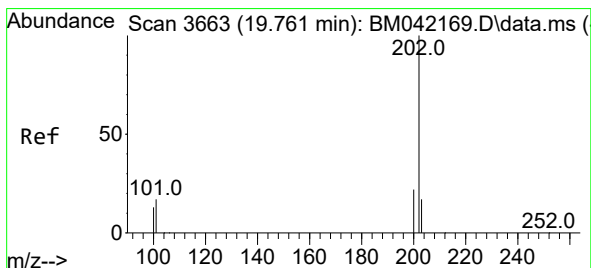
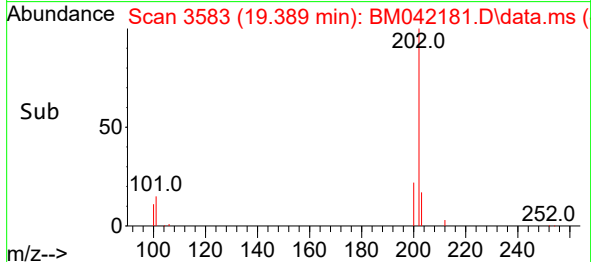
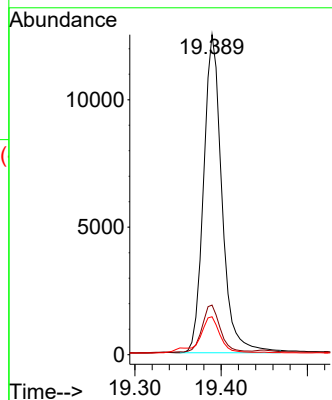
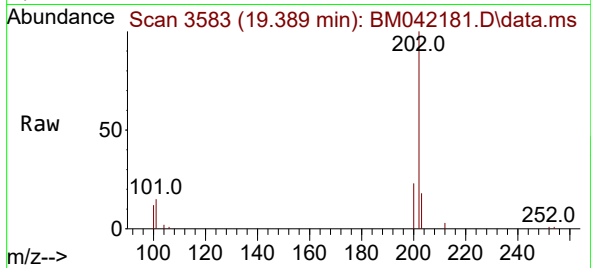




#19
Fluoranthene
Concen: 0.475 ng/ul
RT: 19.389 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

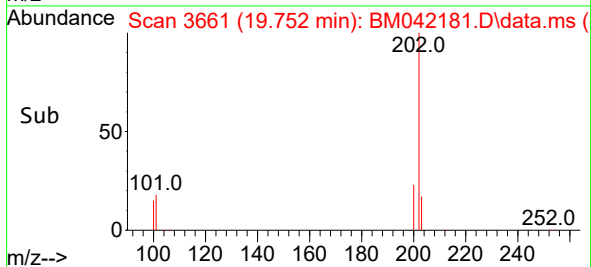
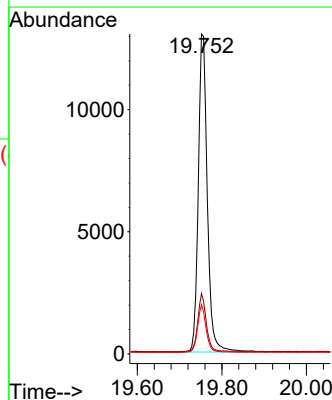
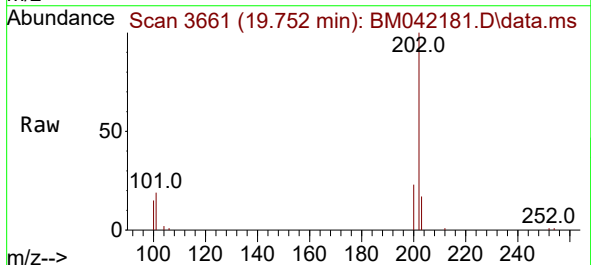
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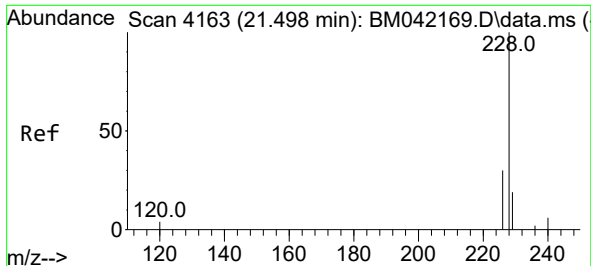
Tgt Ion:202 Resp: 18431
Ion Ratio Lower Upper
202 100
101 15.5 11.1 16.7
100 11.8 8.2 12.2



#20
Pyrene
Concen: 0.469 ng/ul
RT: 19.752 min Scan# 3661
Delta R.T. -0.009 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

Tgt Ion:202 Resp: 19321
Ion Ratio Lower Upper
202 100
101 18.9 12.7 19.1
100 15.4 9.9 14.9#

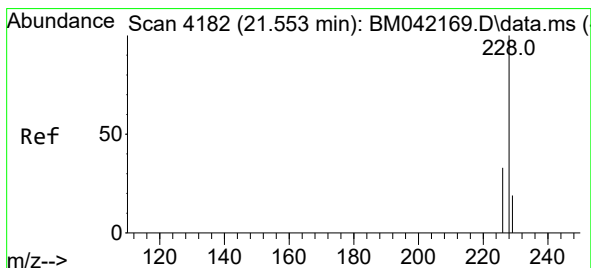
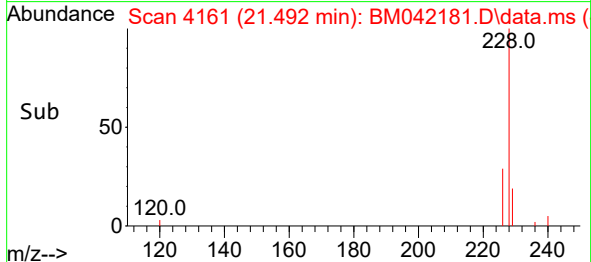
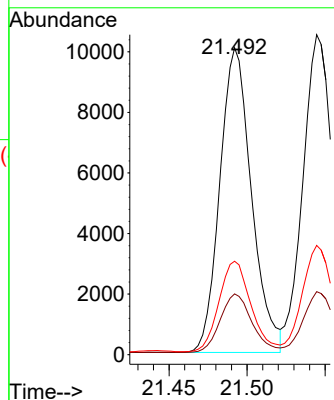
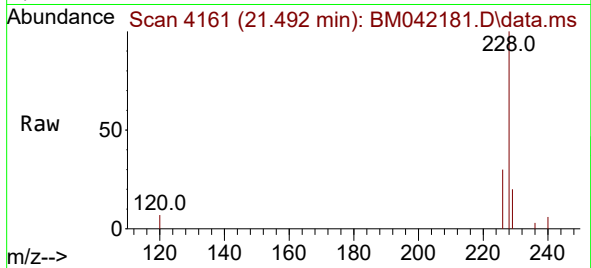




#21
Benzo(a)anthracene
Concen: 0.432 ng/ul
RT: 21.492 min Scan# 4163
Delta R.T. -0.006 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

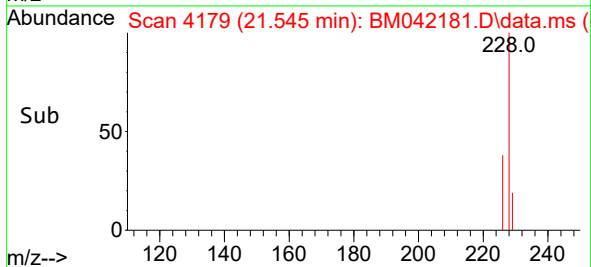
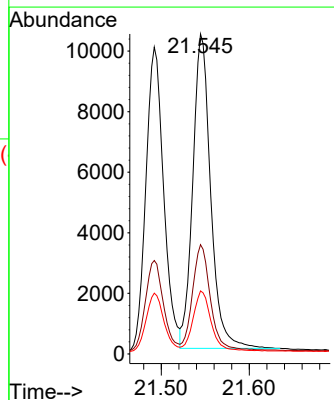
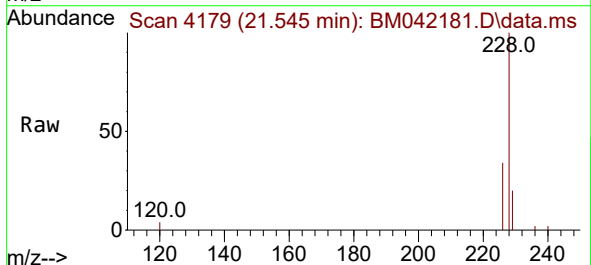
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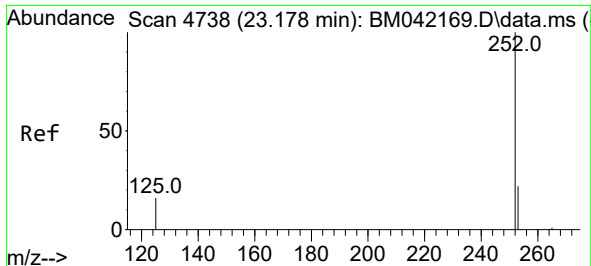
Tgt Ion:228 Resp: 14224
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 30.5 24.6 37.0



#22
Chrysene
Concen: 0.458 ng/ul
RT: 21.545 min Scan# 4179
Delta R.T. -0.009 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

Tgt Ion:228 Resp: 14683
Ion Ratio Lower Upper
228 100
226 34.2 26.7 40.1
229 19.7 15.8 23.8

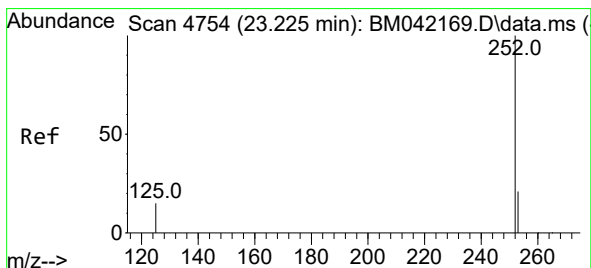
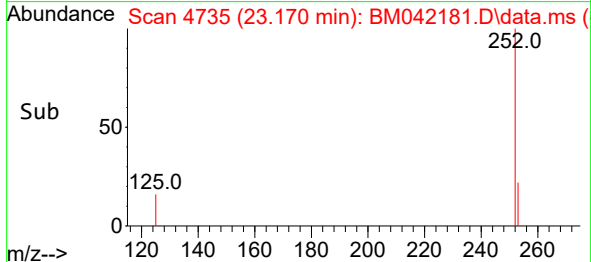
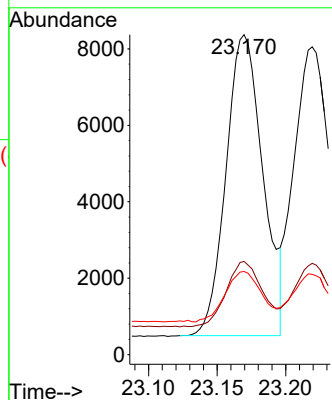
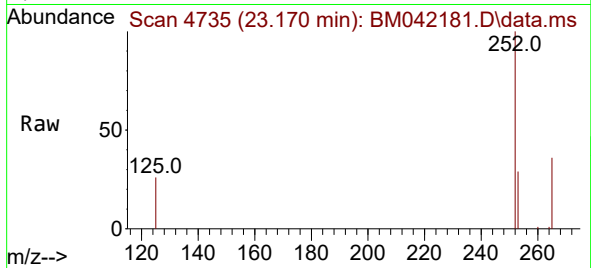




#24
Benzo(b)fluoranthene
Concen: 0.460 ng/ul
RT: 23.170 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

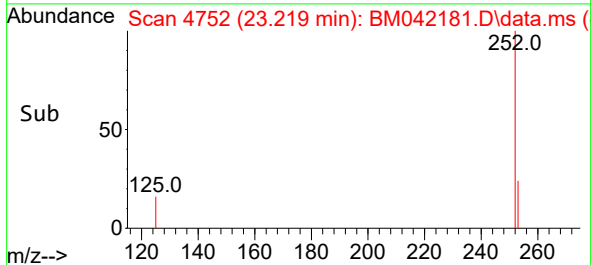
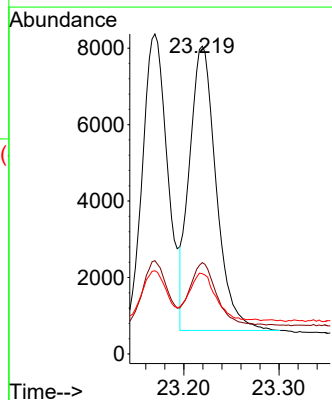
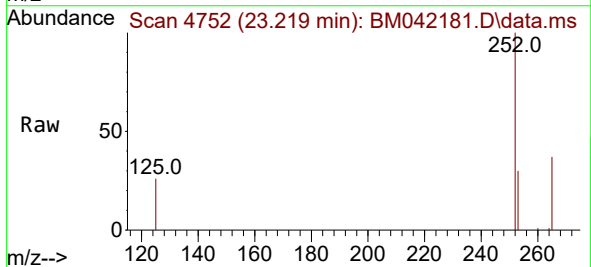
Instrument :
BNA_M
ClientSampleId :
SLCS901

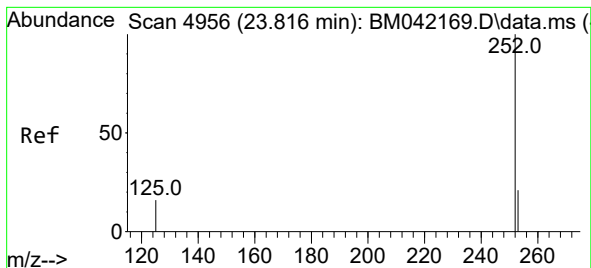
Tgt Ion:252 Resp: 14755
Ion Ratio Lower Upper
252 100
253 29.2 0.0 59.0
125 26.0 0.0 49.6



#25
Benzo(k)fluoranthene
Concen: 0.460 ng/ul
RT: 23.219 min Scan# 4752
Delta R.T. -0.009 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

Tgt Ion:252 Resp: 14516
Ion Ratio Lower Upper
252 100
253 29.7 23.4 35.0
125 26.1 19.9 29.9





#26

Benzo(a)pyrene

Concen: 0.485 ng/ul

RT: 23.804 min Scan# 4956

Delta R.T. -0.012 min

Lab File: BM042181.D

Acq: 04 Oct 2023 02:54

Instrument :

BNA_M

ClientSampleId :

SLCS901

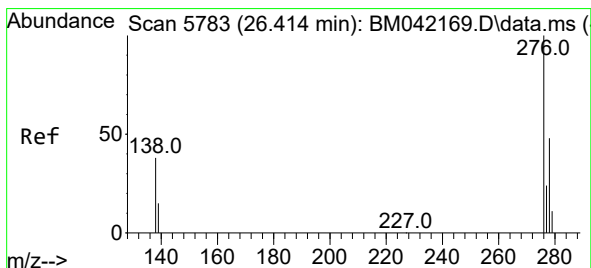
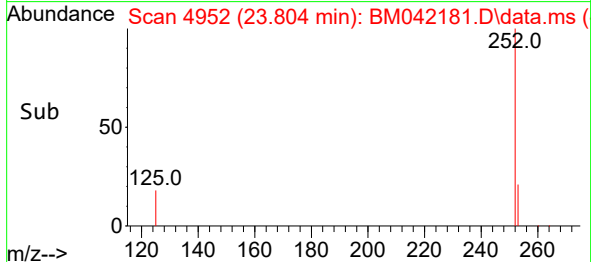
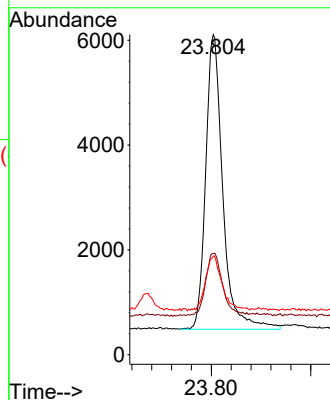
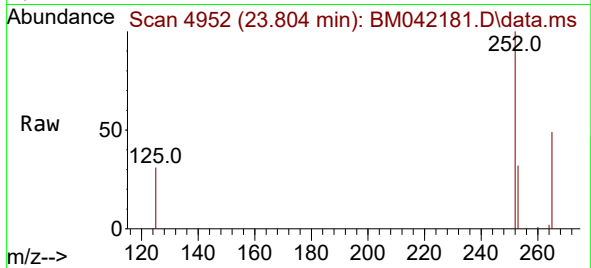
Tgt Ion:252 Resp: 13415

Ion Ratio Lower Upper

252 100

253 31.7 25.3 37.9

125 30.8 23.2 34.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.451 ng/ul

RT: 26.401 min Scan# 5779

Delta R.T. -0.017 min

Lab File: BM042181.D

Acq: 04 Oct 2023 02:54

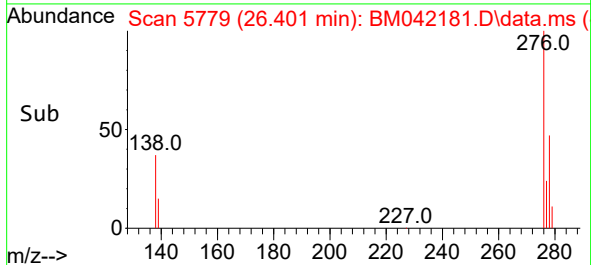
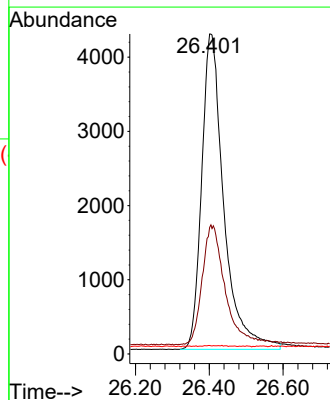
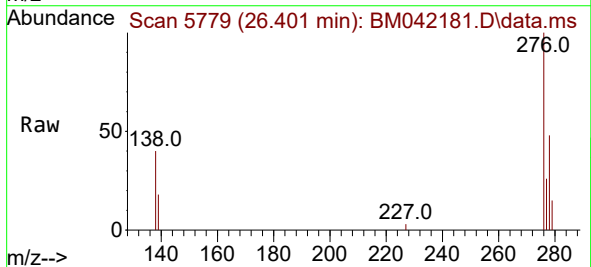
Tgt Ion:276 Resp: 17684

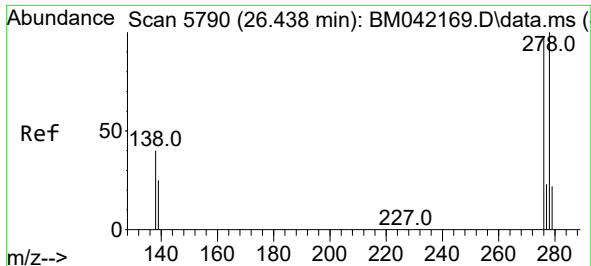
Ion Ratio Lower Upper

276 100

138 39.3 26.7 40.1

227 0.0 0.2 0.2#

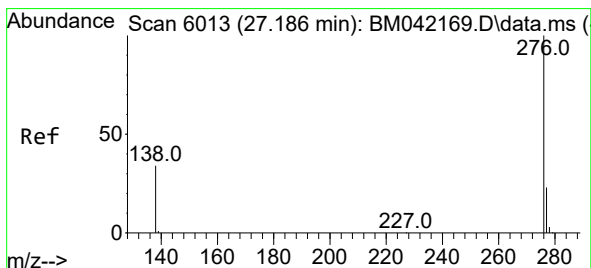
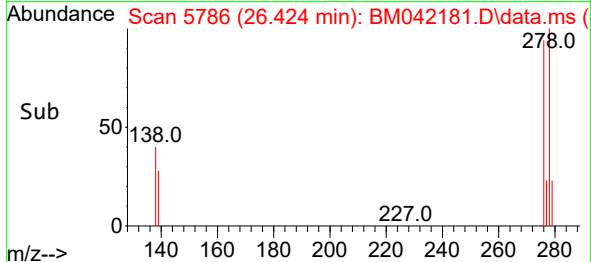
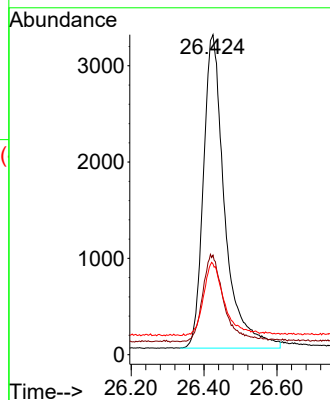
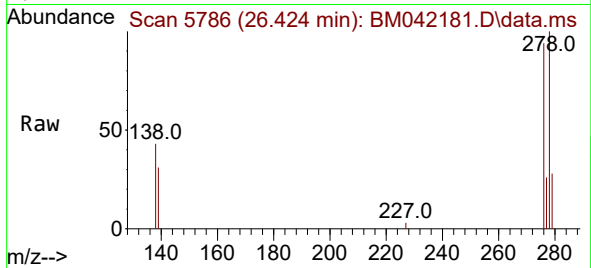




#28
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 26.424 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

Instrument :
BNA_M
ClientSampleId :
SLCS901

Tgt Ion:278 Resp: 13235
Ion Ratio Lower Upper
278 100
139 31.1 21.7 32.5
279 28.3 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.459 ng/ul
RT: 27.176 min Scan# 6010
Delta R.T. -0.020 min
Lab File: BM042181.D
Acq: 04 Oct 2023 02:54

Tgt Ion:276 Resp: 15041
Ion Ratio Lower Upper
276 100
138 37.5 26.8 40.2
277 26.2 20.1 30.1

