

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053123\
 Data File : BM040081.D
 Acq On : 31 May 2023 16:12
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV014

Quant Time: May 31 18:07:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 31 18:06:12 2023
 Response via : Initial Calibration

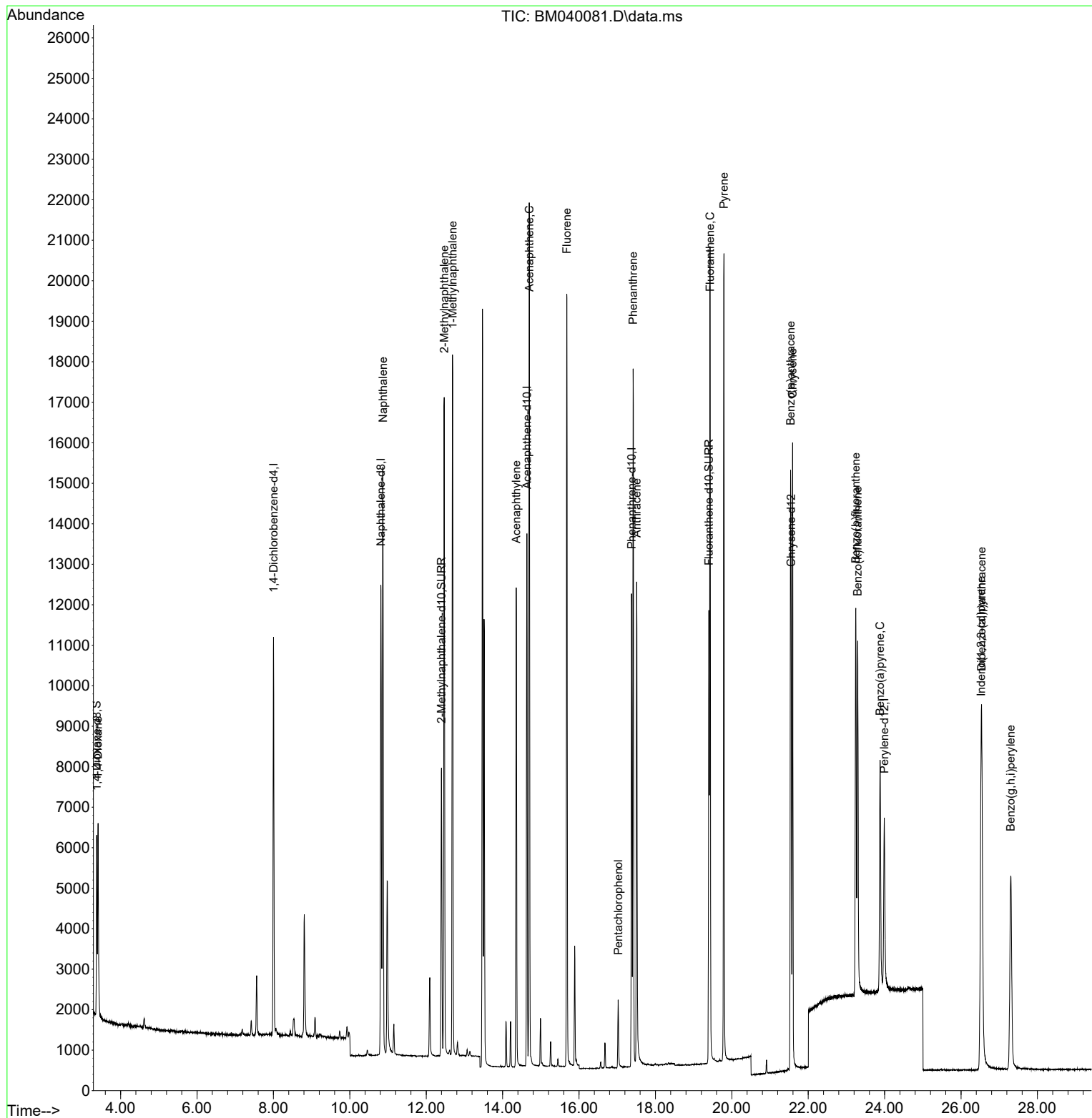
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.003	152	4975	0.400	ng/ul	0.00
4) Naphthalene-d8	10.816	136	15856	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.637	164	7075	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	13024	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	7480	0.400	ng/ul	0.00
23) Perylene-d12	23.990	264	6164	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	3170	0.518	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.400	152	9417	0.489	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	11046	0.505	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.409	88	3401	0.529	ng/ul#	71
5) Naphthalene	10.866	128	20040	0.475	ng/ul	100
7) 2-Methylnaphthalene	12.472	142	11538	0.491	ng/ul	100
8) 1-Methylnaphthalene	12.692	142	11995	0.489	ng/ul	99
10) Acenaphthylene	14.355	152	13364	0.484	ng/ul	100
11) Acenaphthene	14.697	153	11790	0.496	ng/ul	99
12) Fluorene	15.683	166	12082	0.491	ng/ul	99
14) Pentachlorophenol	17.024	266	1136	0.390	ng/ul	99
15) Phenanthrene	17.417	178	17767	0.475	ng/ul	100
16) Anthracene	17.509	178	13946	0.457	ng/ul	99
19) Fluoranthene	19.431	202	16304	0.505	ng/ul	99
20) Pyrene	19.793	202	16133	0.496	ng/ul	96
21) Benzo(a)anthracene	21.538	228	11507	0.469	ng/ul	99
22) Chrysene	21.591	228	13333	0.501	ng/ul	100
24) Benzo(b)fluoranthene	23.245	252	12577	0.484	ng/ul	99
25) Benzo(k)fluoranthene	23.295	252	12136	0.491	ng/ul	99
26) Benzo(a)pyrene	23.879	252	9437	0.446	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.524	276	12613	0.460	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.541	278	10103	0.466	ng/ul	99
29) Benzo(g,h,i)perylene	27.302	276	11016	0.496	ng/ul	99

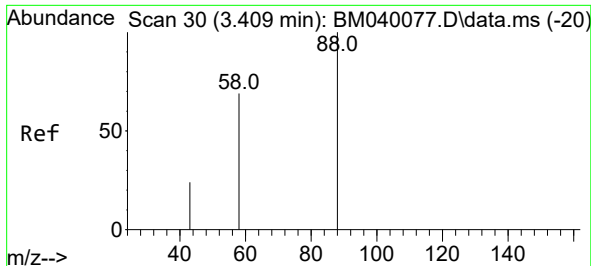
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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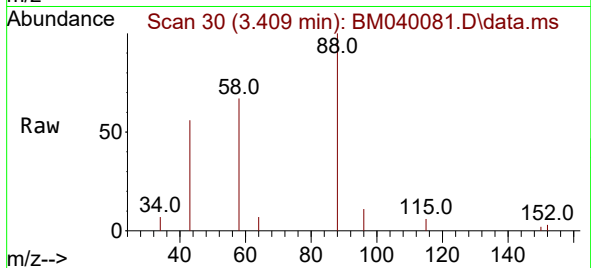
Quant Time: May 31 18:07:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM053123.M
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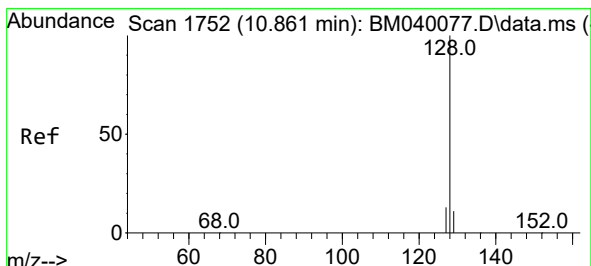
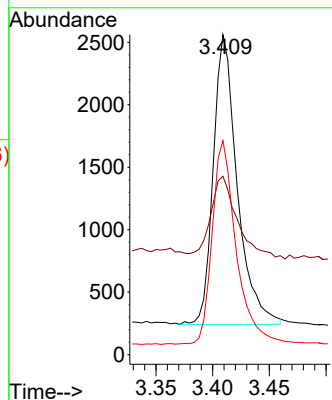
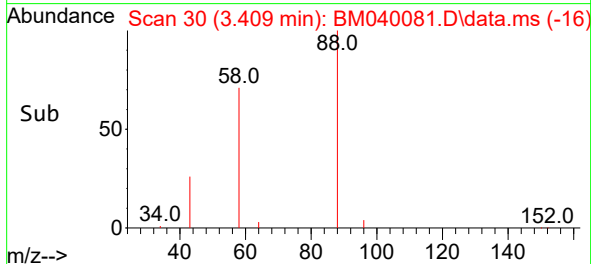


#2
1,4-Dioxane
Concen: 0.529 ng/ul
RT: 3.409 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

Instrument :
BNA_M
ClientSampleId :
SICV014

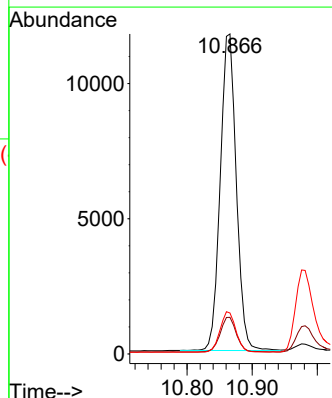
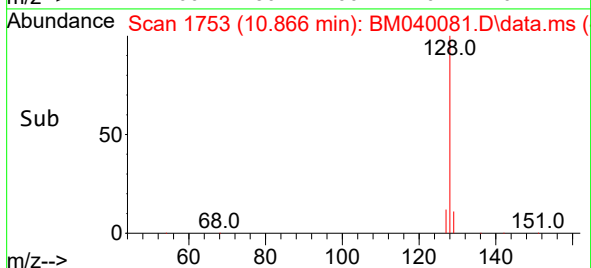
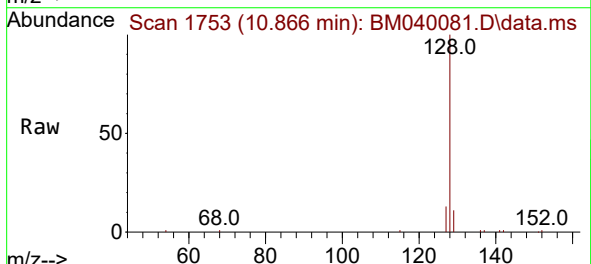


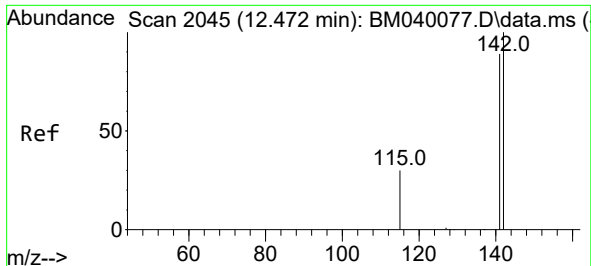
Tgt Ion: 88 Resp: 3401
Ion Ratio Lower Upper
88 100
43 55.8 81.3 121.9#
58 66.9 52.0 78.0



#5
Naphthalene
Concen: 0.475 ng/ul
RT: 10.866 min Scan# 1753
Delta R.T. 0.005 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

Tgt Ion: 128 Resp: 20040
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 12.8 10.5 15.7

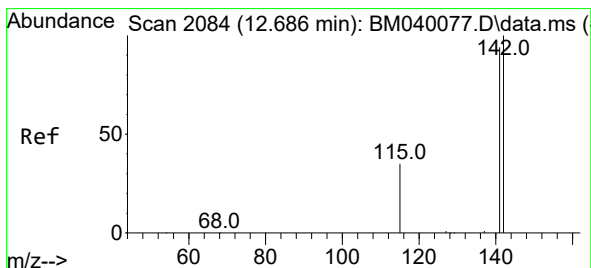
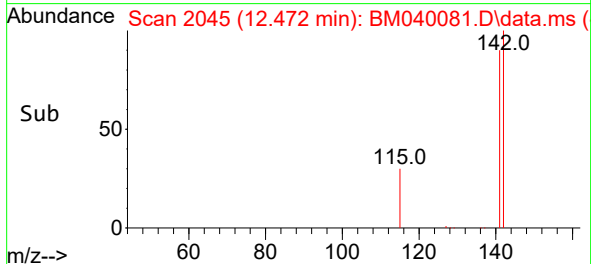
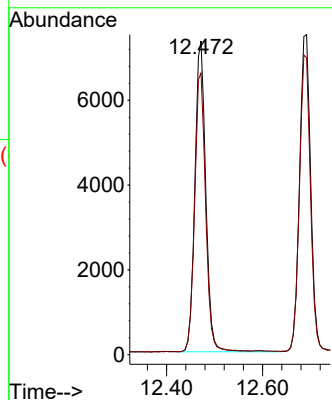
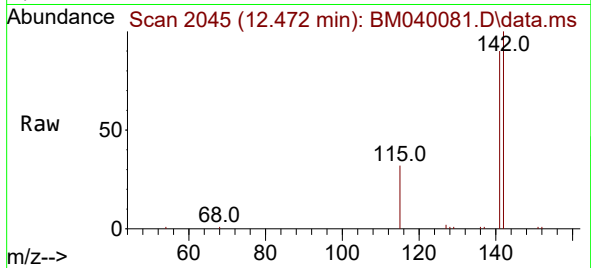




#7
2-Methylnaphthalene
Concen: 0.491 ng/ul
RT: 12.472 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

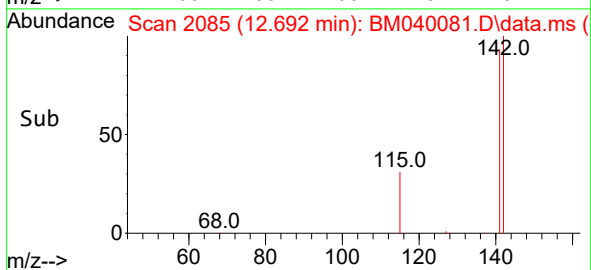
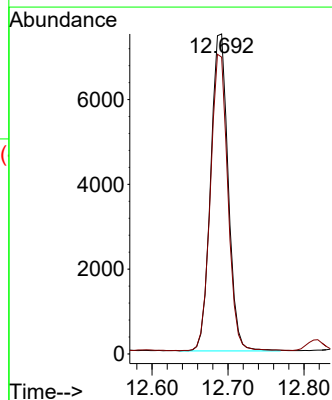
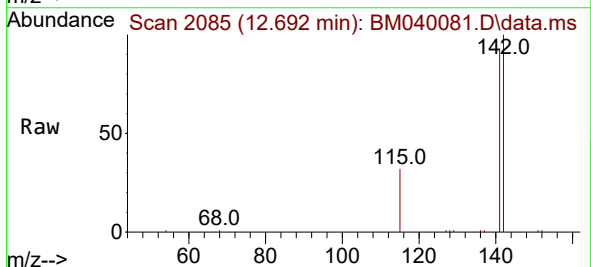
Instrument :
BNA_M
ClientSampleId :
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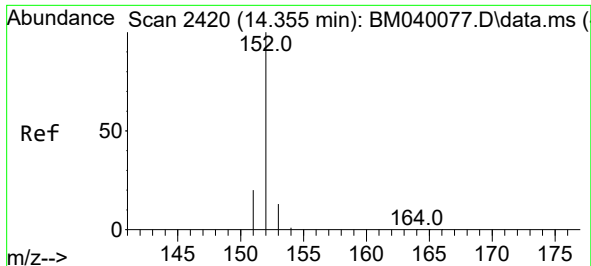
Tgt Ion:142 Resp: 11538
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.489 ng/ul
RT: 12.692 min Scan# 2085
Delta R.T. 0.005 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

Tgt Ion:142 Resp: 11995
Ion Ratio Lower Upper
142 100
141 92.8 74.7 112.1

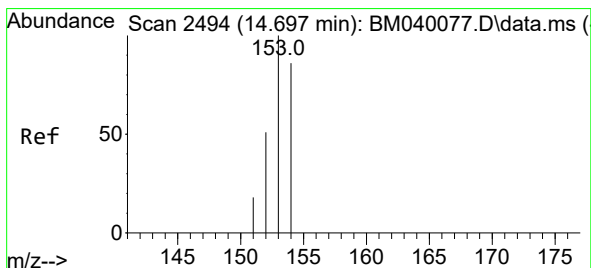
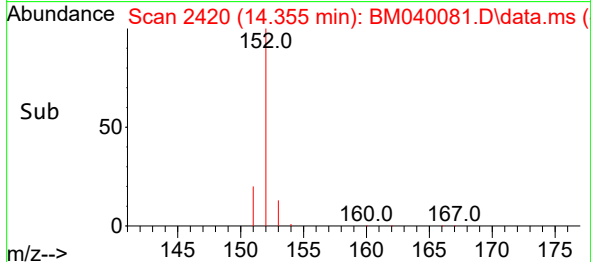
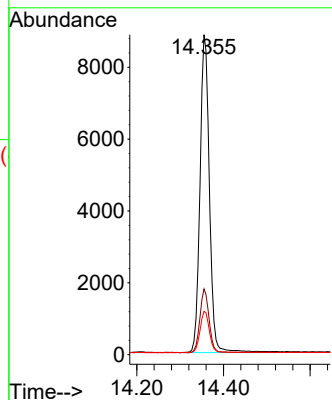
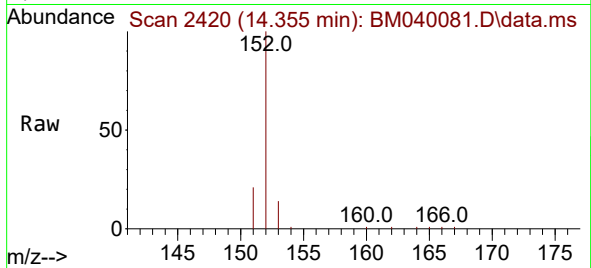




#10
Acenaphthylene
Concen: 0.484 ng/ul
RT: 14.355 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

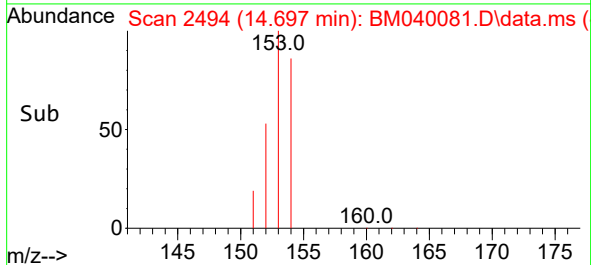
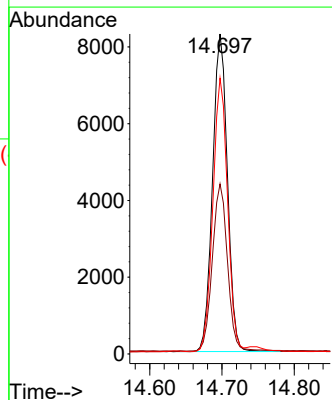
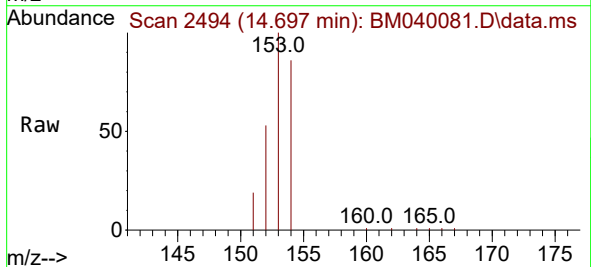
Instrument :
BNA_M
ClientSampleId :
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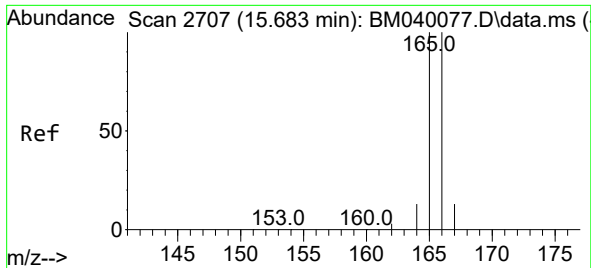
Tgt Ion:152 Resp: 13364
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.496 ng/ul
RT: 14.697 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

Tgt Ion:153 Resp: 11790
Ion Ratio Lower Upper
153 100
152 53.1 41.2 61.8
154 86.2 68.8 103.2

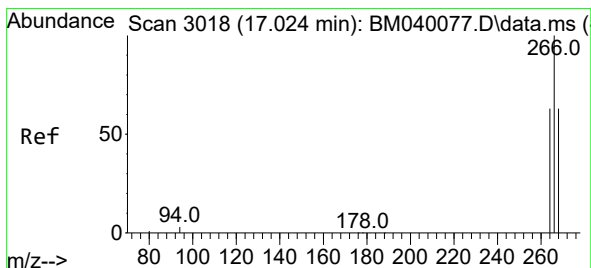
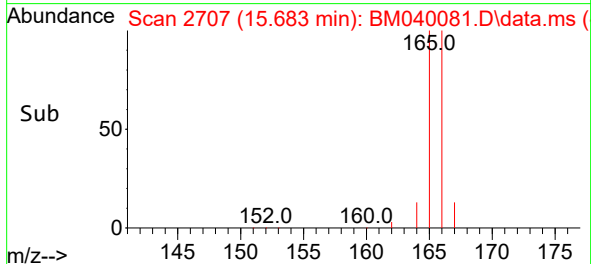
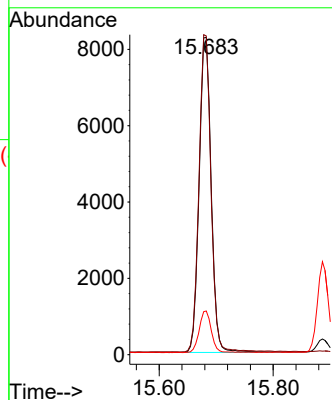
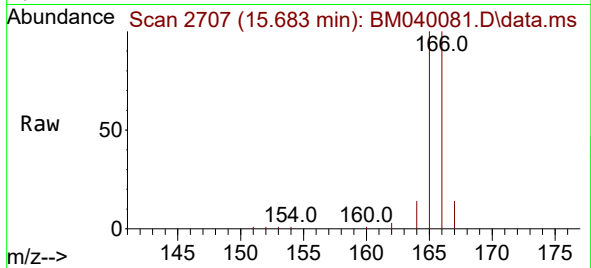




#12
Fluorene
Concen: 0.491 ng/ul
RT: 15.683 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

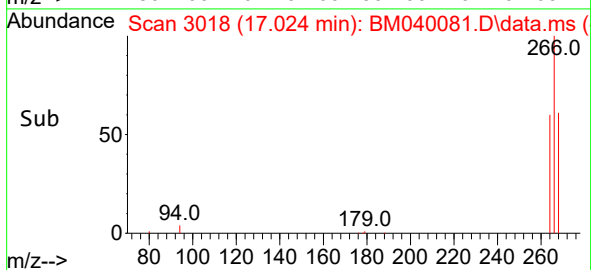
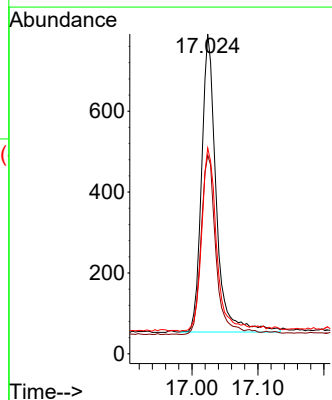
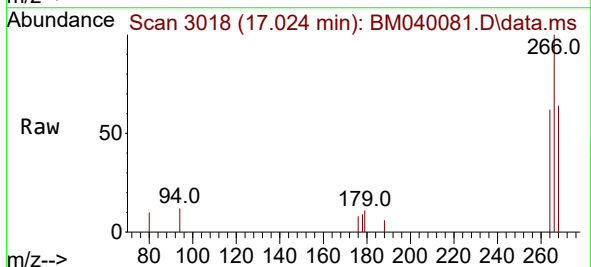
Instrument :
BNA_M
ClientSampleId :
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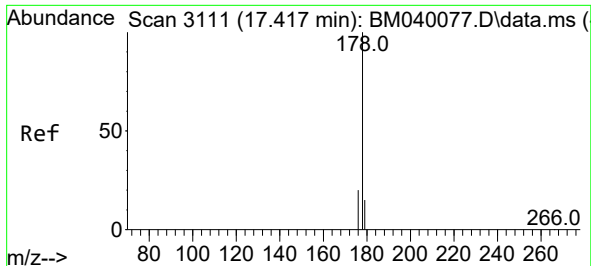
Tgt Ion:166 Resp: 12082
Ion Ratio Lower Upper
166 100
165 100.5 79.8 119.8
167 13.8 11.2 16.8



#14
Pentachlorophenol
Concen: 0.390 ng/ul
RT: 17.024 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

Tgt Ion:266 Resp: 1136
Ion Ratio Lower Upper
266 100
264 61.4 49.9 74.9
268 65.0 51.5 77.3

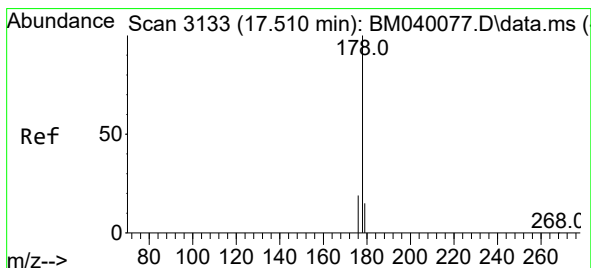
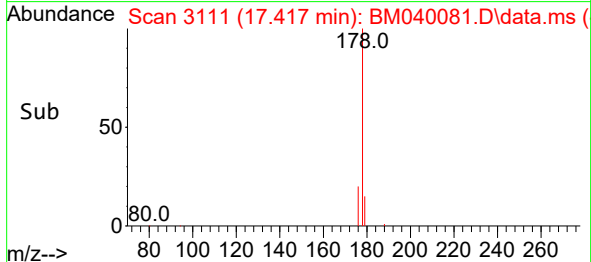
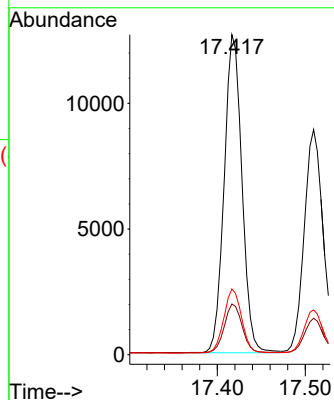
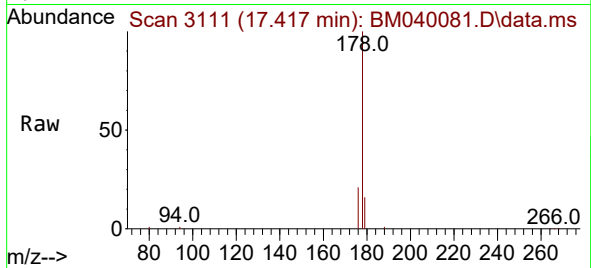




#15
Phenanthrene
Concen: 0.475 ng/ul
RT: 17.417 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

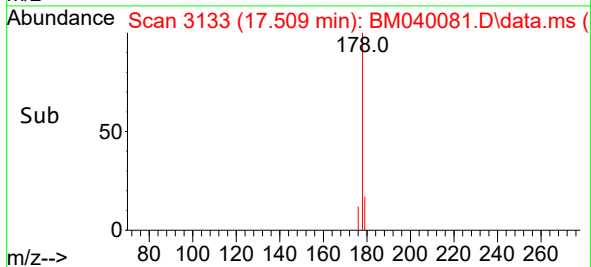
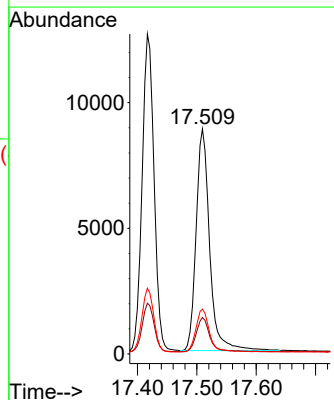
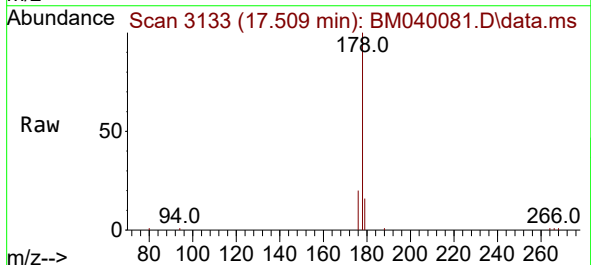
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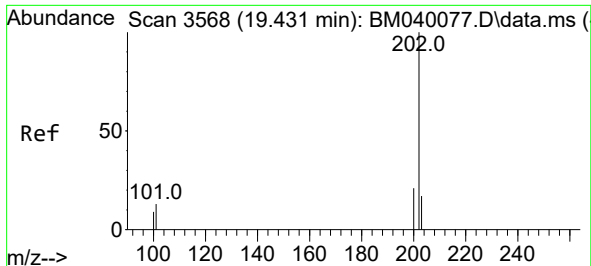
Tgt Ion:178	Resp:	17767
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.4 18.6
176	20.6	16.4 24.6



#16
Anthracene
Concen: 0.457 ng/ul
RT: 17.509 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

Tgt Ion:178	Resp:	13946
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.6 19.0
176	19.9	15.8 23.6

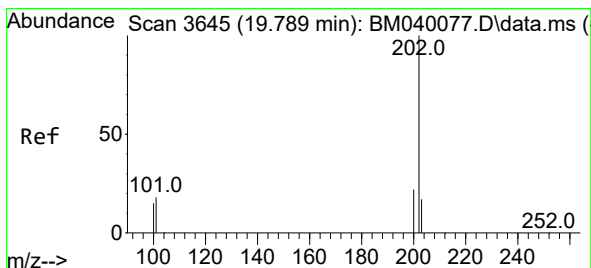
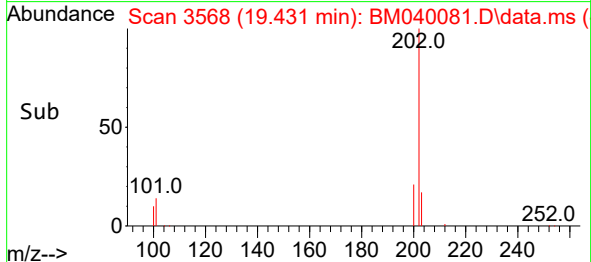
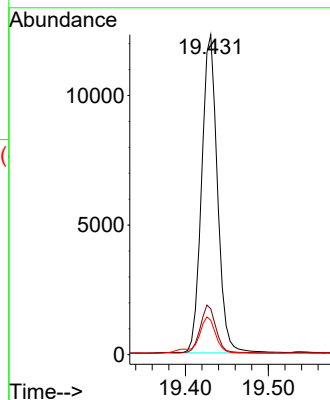
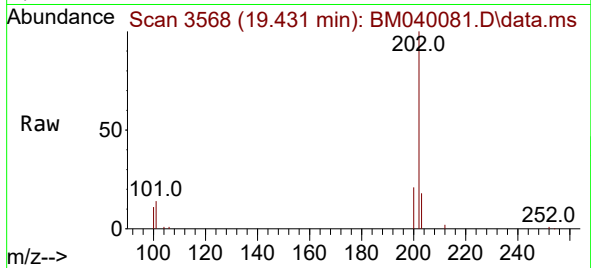




#19
Fluoranthene
Concen: 0.505 ng/ul
RT: 19.431 min Scan# 3568
Delta R.T. -0.000 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

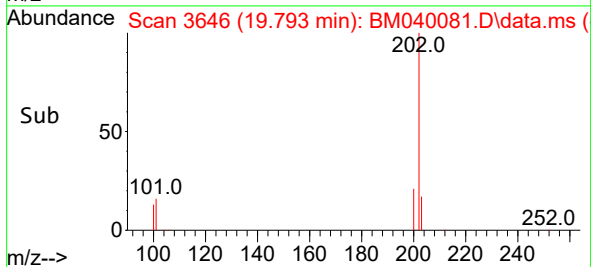
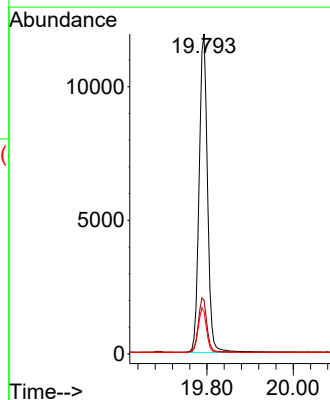
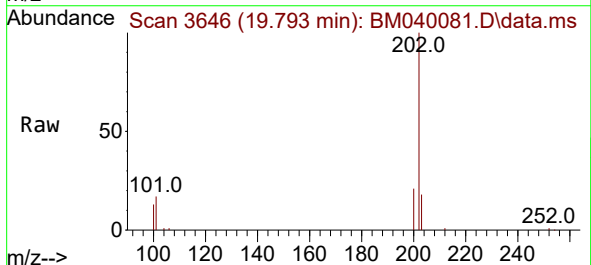
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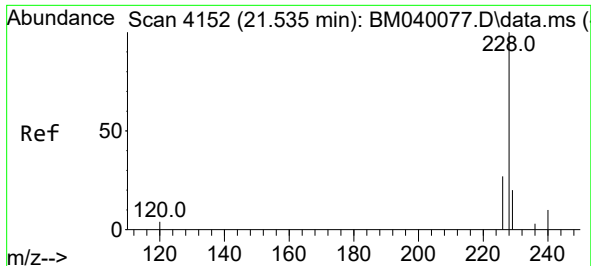
Tgt Ion:202 Resp: 16304
Ion Ratio Lower Upper
202 100
101 14.3 11.2 16.8
100 10.8 8.6 12.8



#20
Pyrene
Concen: 0.496 ng/ul
RT: 19.793 min Scan# 3646
Delta R.T. 0.005 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

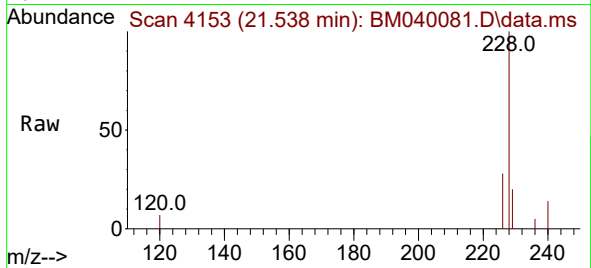
Tgt Ion:202 Resp: 16133
Ion Ratio Lower Upper
202 100
101 16.8 14.7 22.1
100 13.3 12.2 18.2



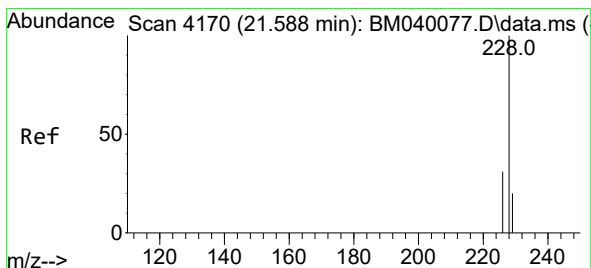
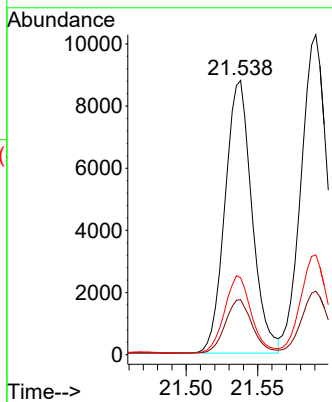
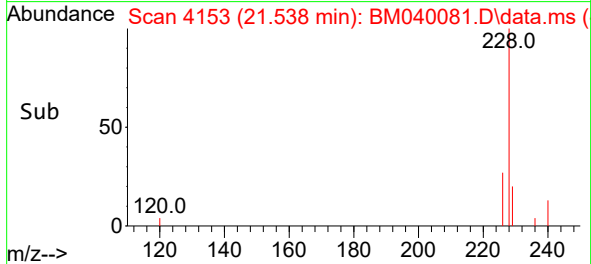


#21
Benzo(a)anthracene
Concen: 0.469 ng/ul
RT: 21.538 min Scan# 4152
Delta R.T. 0.003 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

Instrument :
BNA_M
ClientSampleId :
SICV014

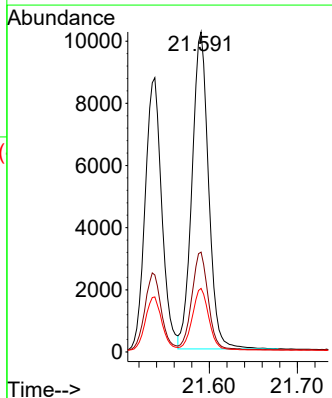
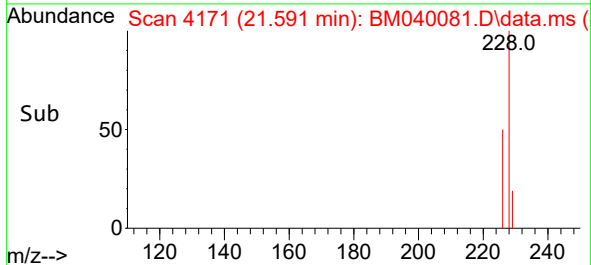
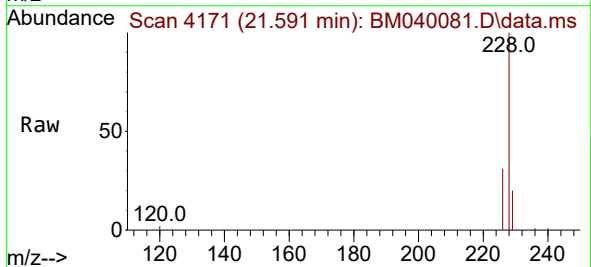


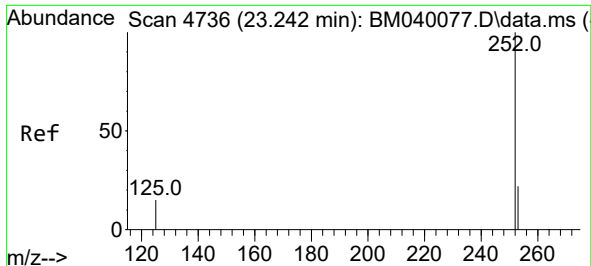
Tgt Ion:228 Resp: 11507
Ion Ratio Lower Upper
228 100
229 20.1 16.1 24.1
226 28.0 22.1 33.1



#22
Chrysene
Concen: 0.501 ng/ul
RT: 21.591 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

Tgt Ion:228 Resp: 13333
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 19.9 15.9 23.9

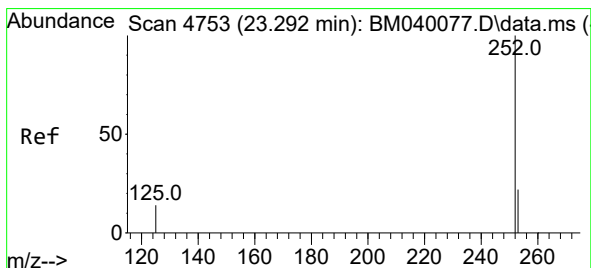
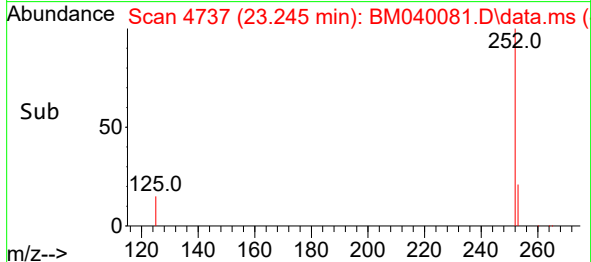
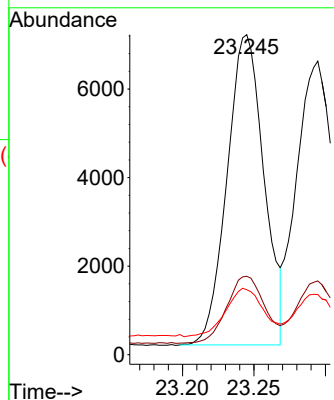
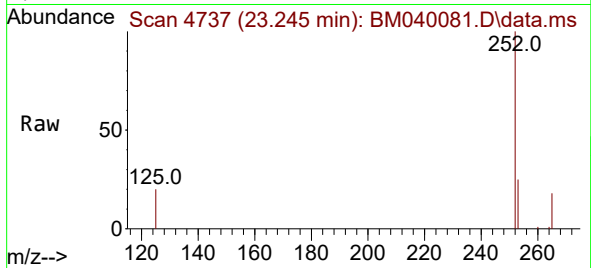




#24
Benzo(b)fluoranthene
Concen: 0.484 ng/ul
RT: 23.245 min Scan# 4737
Delta R.T. 0.003 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

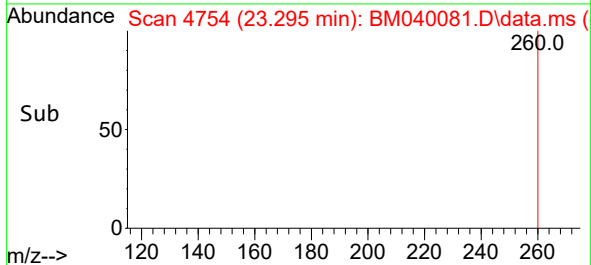
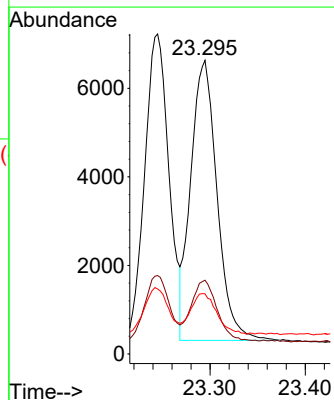
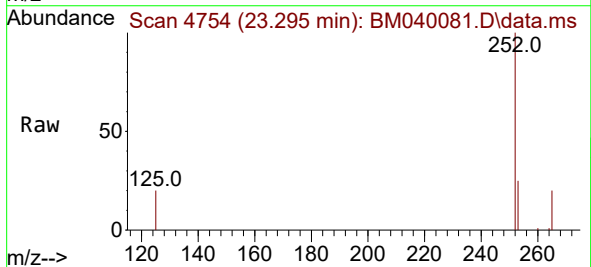
Instrument :
BNA_M
ClientSampleId :
SICV014

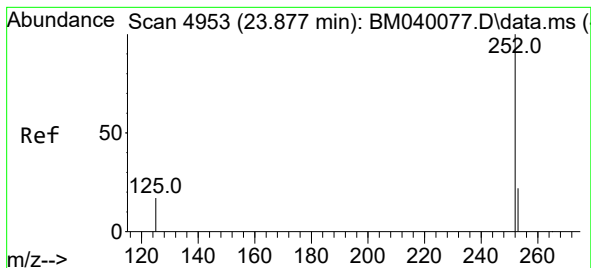
Tgt Ion:252 Resp: 12577
Ion Ratio Lower Upper
252 100
253 24.5 0.0 48.6
125 20.3 0.0 38.8



#25
Benzo(k)fluoranthene
Concen: 0.491 ng/ul
RT: 23.295 min Scan# 4754
Delta R.T. 0.003 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

Tgt Ion:252 Resp: 12136
Ion Ratio Lower Upper
252 100
253 25.1 19.5 29.3
125 20.5 15.9 23.9





#26

Benzo(a)pyrene

Concen: 0.446 ng/ul

RT: 23.879 min Scan# 4953

Delta R.T. 0.003 min

Lab File: BM040081.D

Acq: 31 May 2023 16:12

Instrument :

BNA_M

ClientSampleId :

SICV014

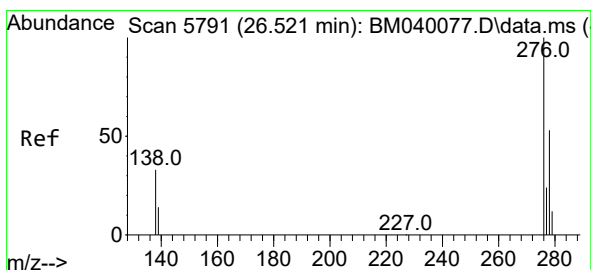
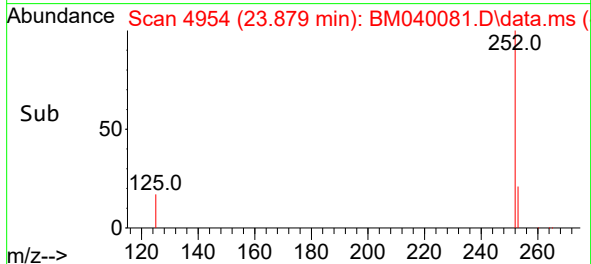
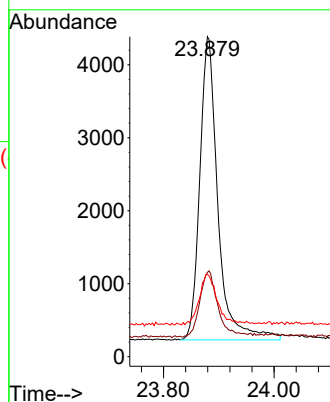
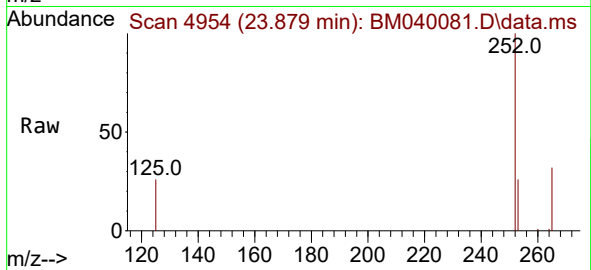
Tgt Ion:252 Resp: 9437

Ion Ratio Lower Upper

252 100

253 26.4 21.0 31.4

125 25.7 19.8 29.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.460 ng/ul

RT: 26.524 min Scan# 5792

Delta R.T. 0.003 min

Lab File: BM040081.D

Acq: 31 May 2023 16:12

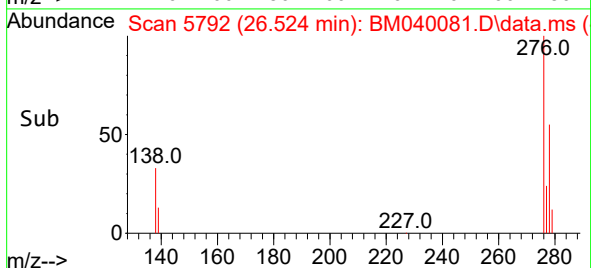
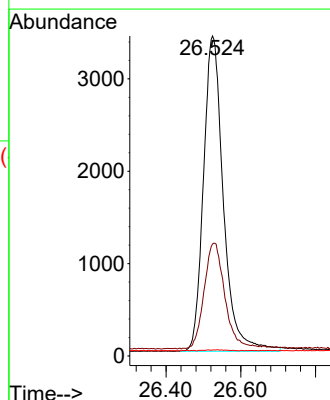
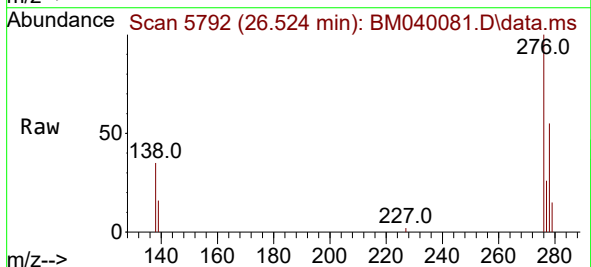
Tgt Ion:276 Resp: 12613

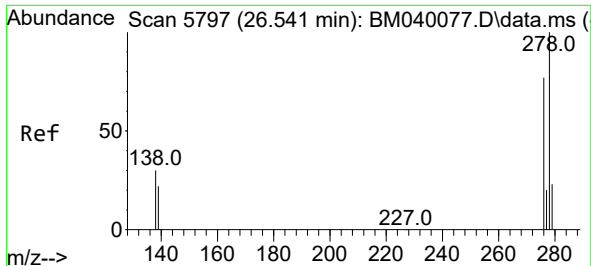
Ion Ratio Lower Upper

276 100

138 35.0 28.0 42.0

227 0.2 0.1 0.1#

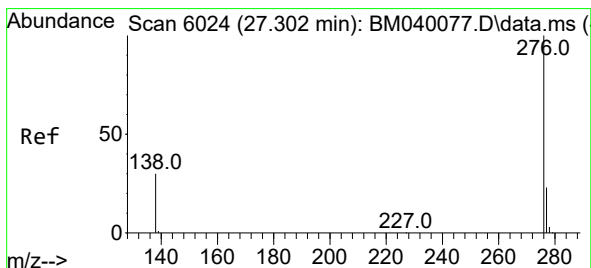
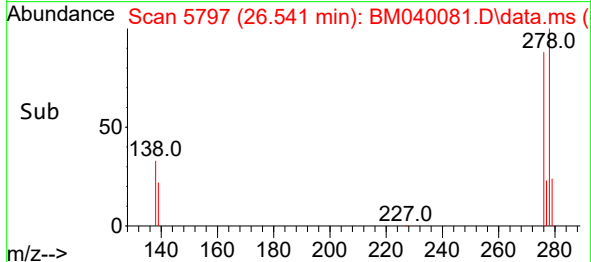
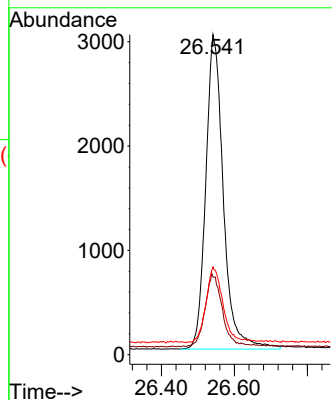
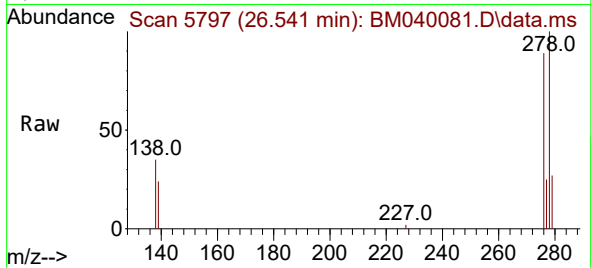




#28
Dibenzo(a,h)anthracene
Concen: 0.466 ng/ul
RT: 26.541 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

Instrument :
BNA_M
ClientSampleId :
SICV014

Tgt Ion:278 Resp: 10103
Ion Ratio Lower Upper
278 100
139 24.3 19.6 29.4
279 27.4 21.0 31.6



#29
Benzo(g,h,i)perylene
Concen: 0.496 ng/ul
RT: 27.302 min Scan# 6024
Delta R.T. -0.000 min
Lab File: BM040081.D
Acq: 31 May 2023 16:12

Tgt Ion:276 Resp: 11016
Ion Ratio Lower Upper
276 100
138 31.0 25.2 37.8
277 25.7 19.8 29.8

