

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038058.D
 Acq On : 16 Dec 2022 07:51
 Operator : CG/JU
 Sample : PB149580BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS580

Quant Time: Dec 16 08:20:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

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

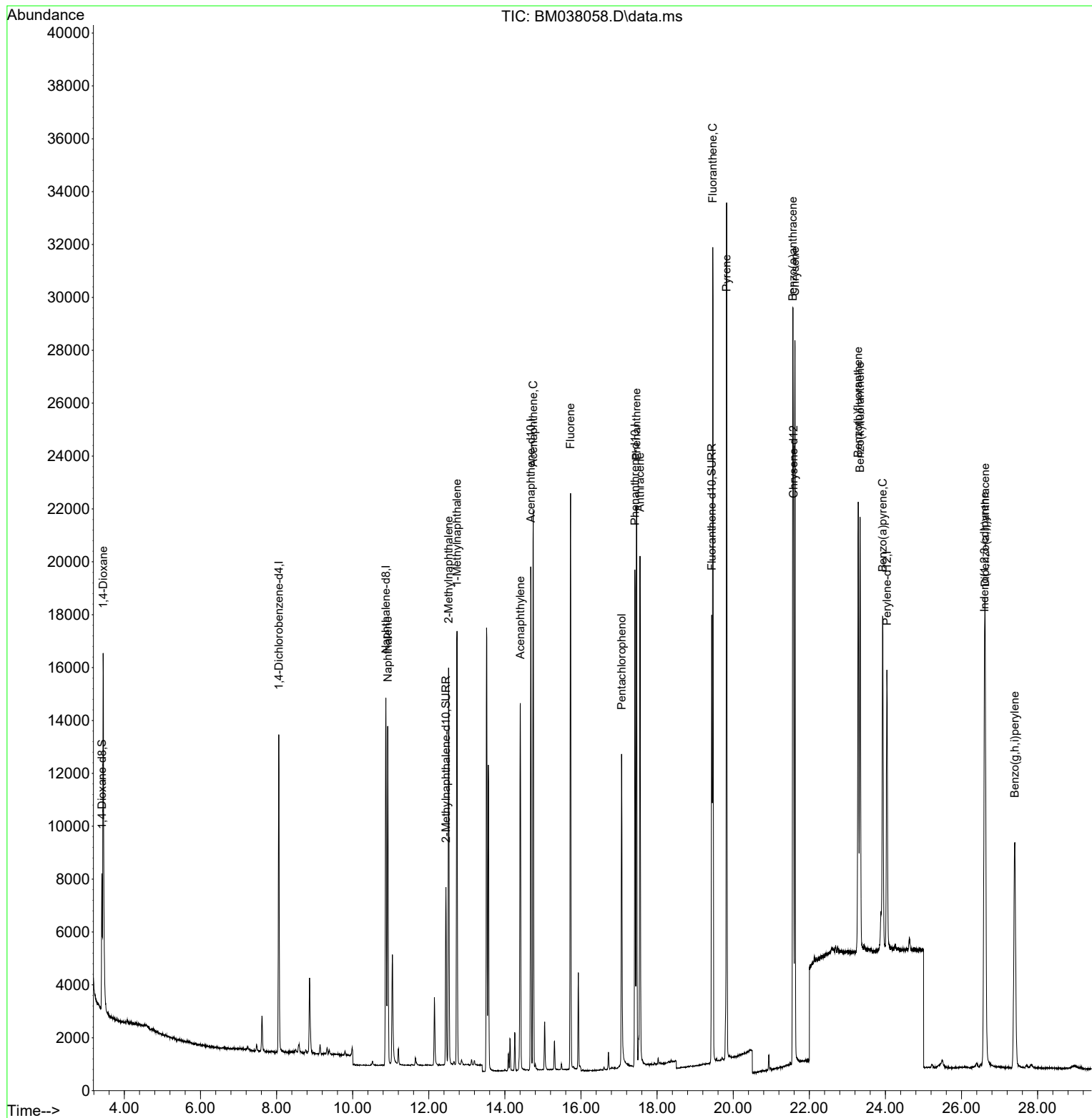
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	6224	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	18495	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	9935	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	21305	0.400	ng/ul	0.00
17) Chrysene-d12	21.585	240	15203	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	14901	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	4143	0.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	8415	0.312	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	17475	0.317	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.444	88	9684	1.262	ng/ul	90
5) Naphthalene	10.922	128	16959	0.303	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	10619	0.308	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	11254	0.319	ng/ul	100
10) Acenaphthylene	14.407	152	16023	0.308	ng/ul	100
11) Acenaphthene	14.745	153	12033	0.305	ng/ul	98
12) Fluorene	15.725	166	13445	0.307	ng/ul	100
14) Pentachlorophenol	17.067	266	8497	0.963	ng/ul	99
15) Phenanthrene	17.459	178	21666	0.302	ng/ul	99
16) Anthracene	17.552	178	20632	0.311	ng/ul	99
19) Fluoranthene	19.464	202	25217	0.321	ng/ul	98
20) Pyrene	19.826	202	26122	0.326	ng/ul	98
21) Benzo(a)anthracene	21.565	228	23066	0.351	ng/ul	100
22) Chrysene	21.621	228	22993	0.347	ng/ul	99
24) Benzo(b)fluoranthene	23.284	252	22617	0.320	ng/ul	97
25) Benzo(k)fluoranthene	23.333	252	22136	0.325	ng/ul	96
26) Benzo(a)pyrene	23.930	252	19121	0.321	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.602	276	22913	0.307	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.622	278	18194	0.313	ng/ul	97
29) Benzo(g,h,i)perylene	27.400	276	19138	0.302	ng/ul	96

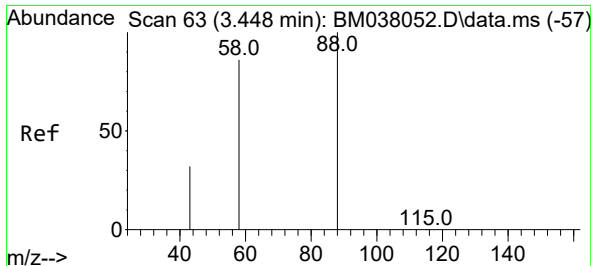
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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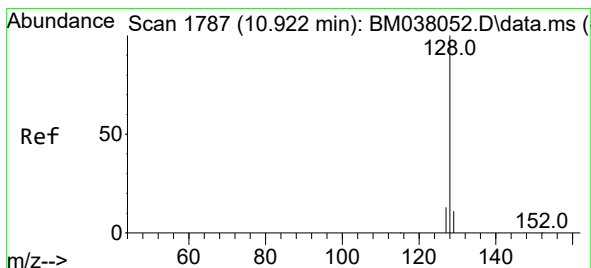
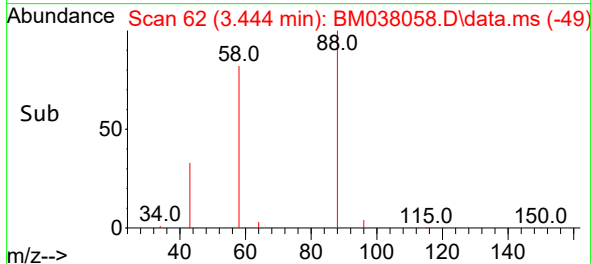
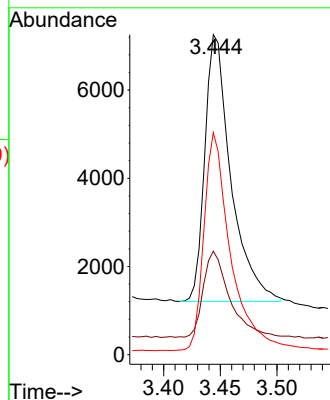
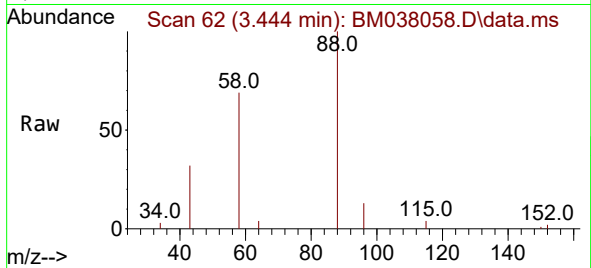




#2
1,4-Dioxane
Concen: 1.262 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

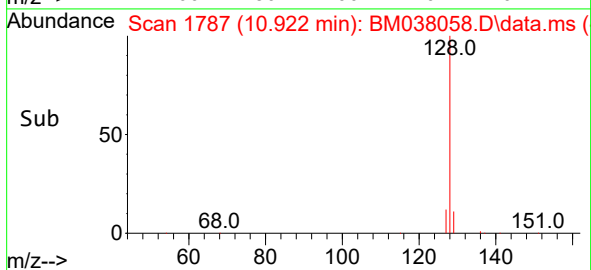
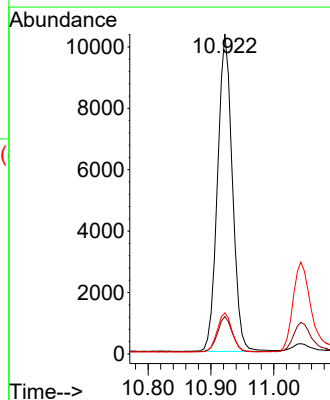
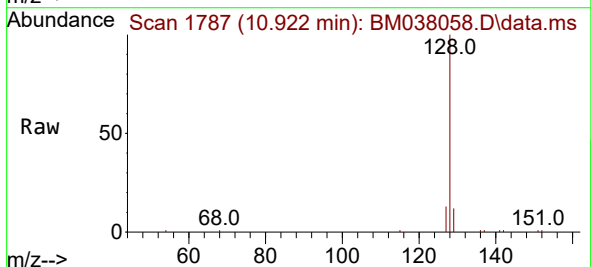
Instrument :
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SLCS580

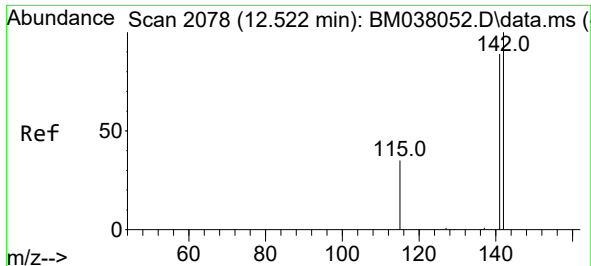
Tgt Ion: 88 Resp: 9684
Ion Ratio Lower Upper
88 100
43 32.3 31.4 47.0
58 69.4 50.2 75.2



#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

Tgt Ion: 128 Resp: 16959
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 12.9 10.4 15.6

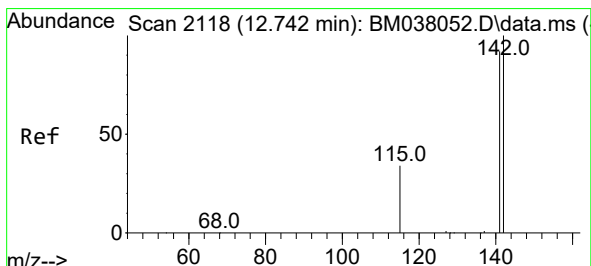
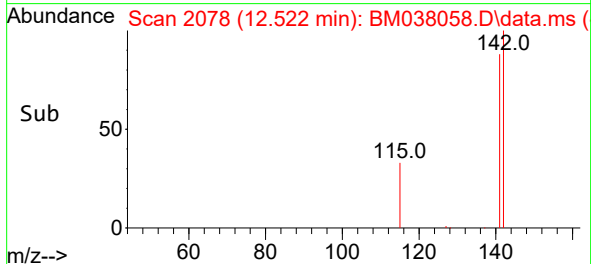
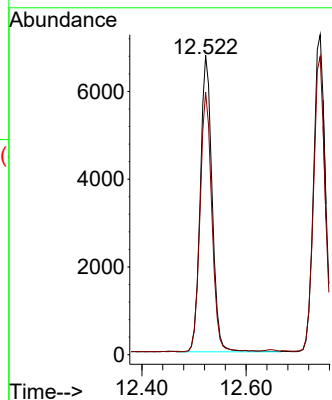
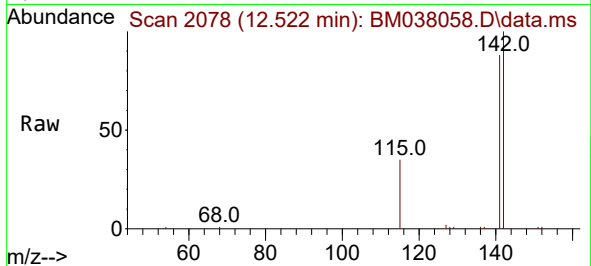




#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

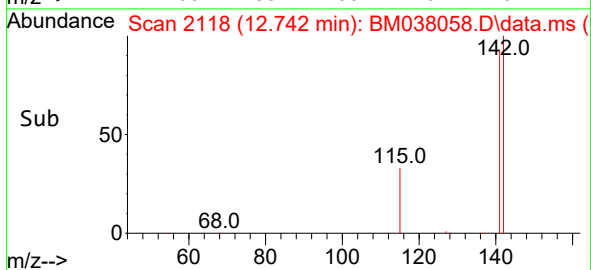
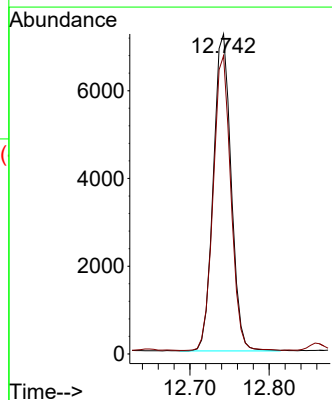
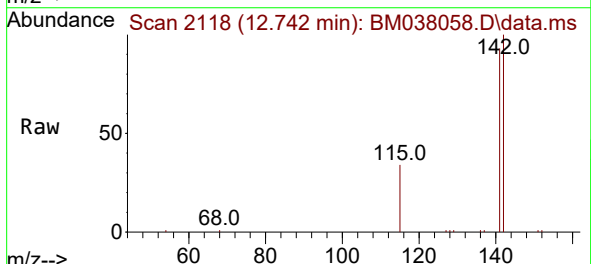
Instrument :
BNA_M
ClientSampleId :
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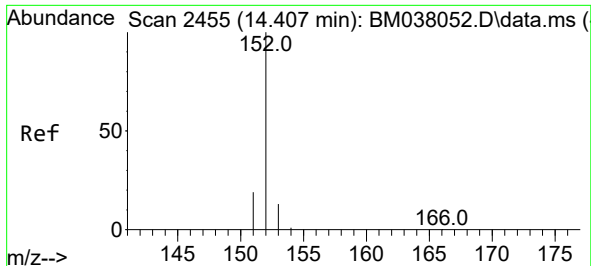
Tgt Ion:142 Resp: 10619
Ion Ratio Lower Upper
142 100
141 87.4 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.742 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

Tgt Ion:142 Resp: 11254
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4

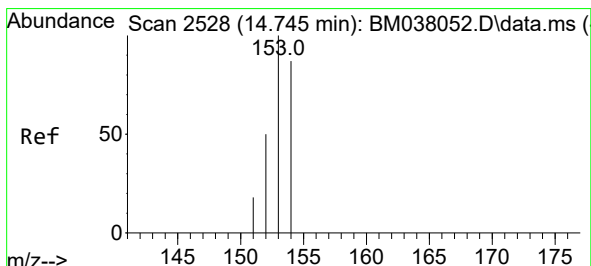
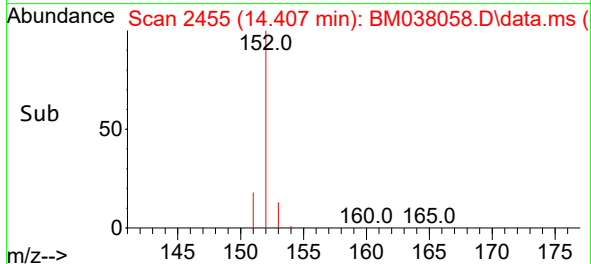
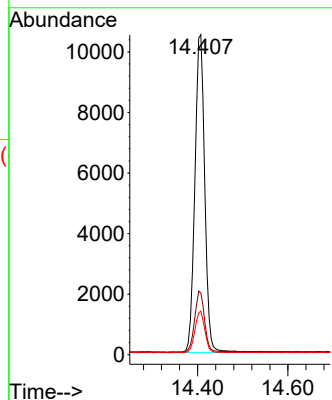
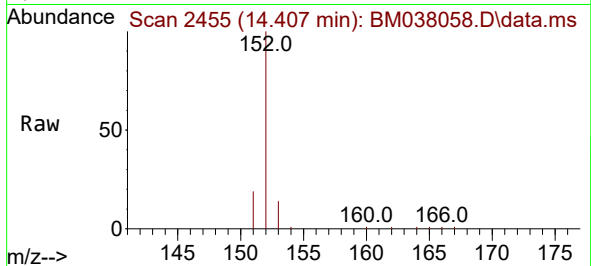




#10
Acenaphthylene
Concen: 0.308 ng/ul
RT: 14.407 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

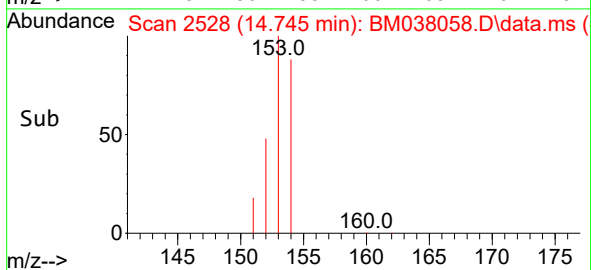
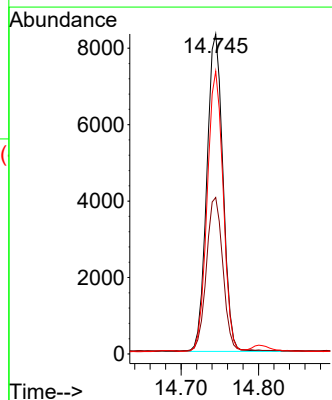
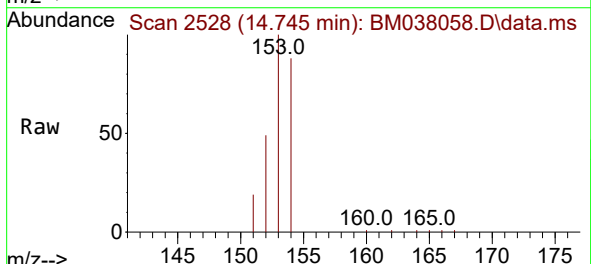
Instrument :
BNA_M
ClientSampleId :
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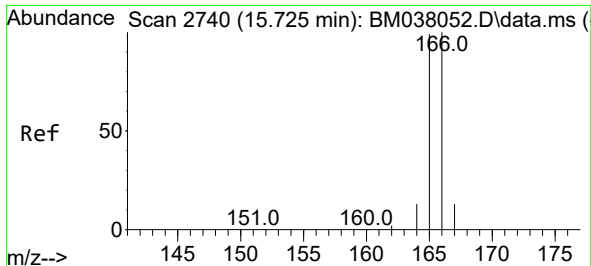
Tgt Ion:152 Resp: 16023
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 13.6 11.0 16.4



#11
Acenaphthene
Concen: 0.305 ng/ul
RT: 14.745 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

Tgt Ion:153 Resp: 12033
Ion Ratio Lower Upper
153 100
152 48.9 39.5 59.3
154 88.3 69.2 103.8

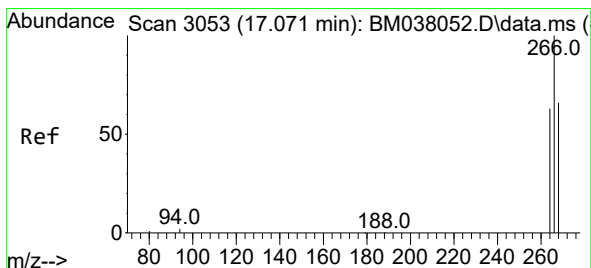
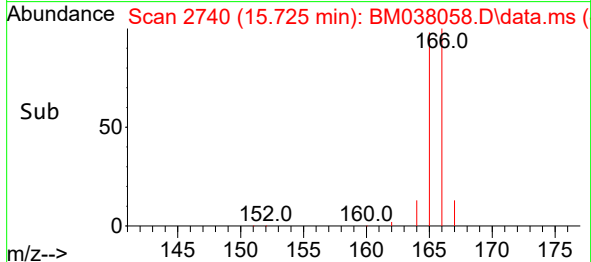
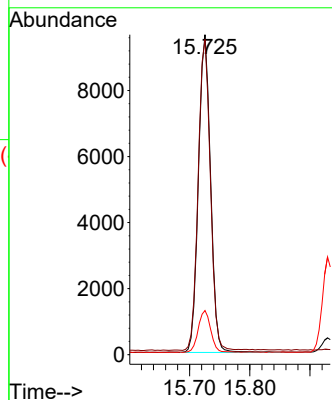
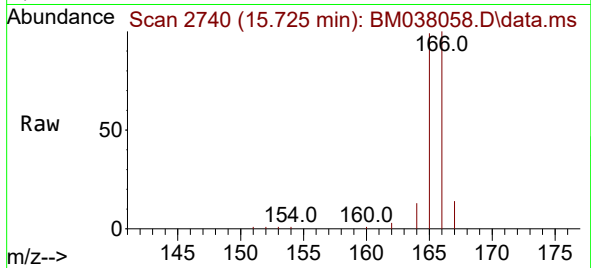




#12
Fluorene
Concen: 0.307 ng/ul
RT: 15.725 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

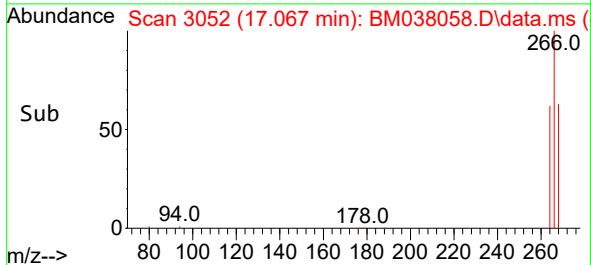
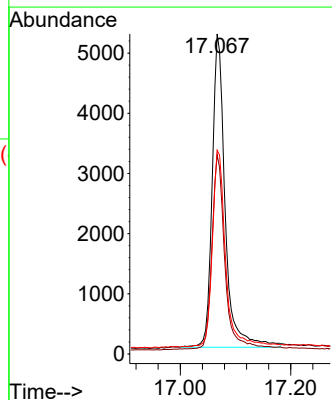
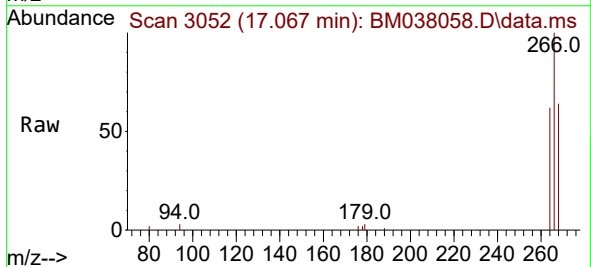
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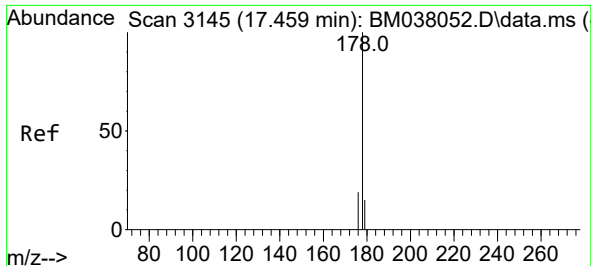
Tgt Ion:166 Resp: 13445
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.4
167 13.8 11.1 16.7



#14
Pentachlorophenol
Concen: 0.963 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. -0.004 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

Tgt Ion:266 Resp: 8497
Ion Ratio Lower Upper
266 100
264 62.7 49.9 74.9
268 63.8 52.0 78.0

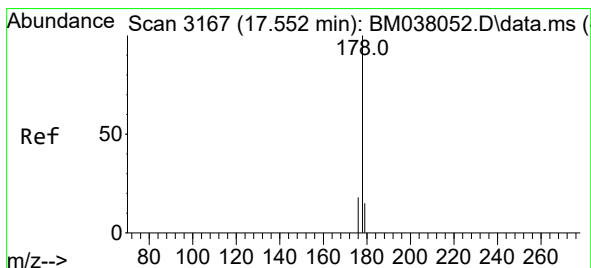
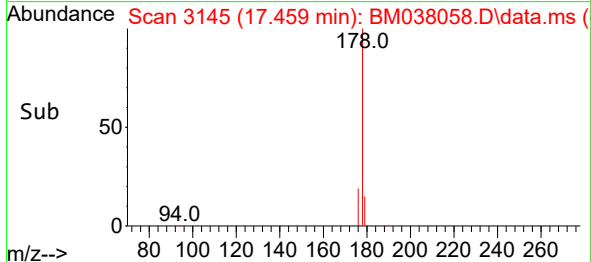
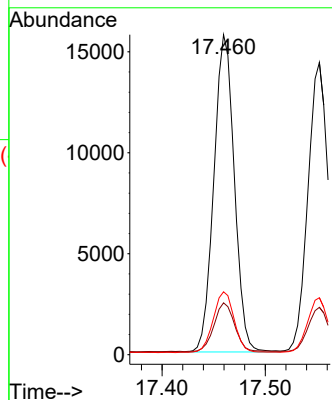
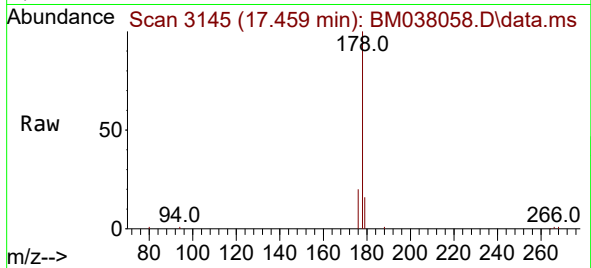




#15
Phenanthrene
Concen: 0.302 ng/ul
RT: 17.459 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

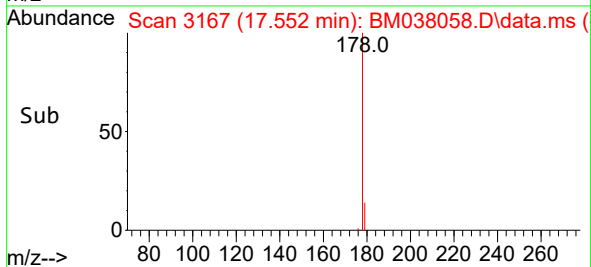
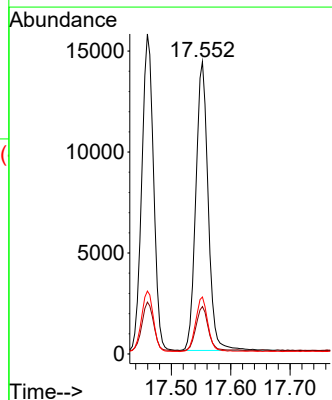
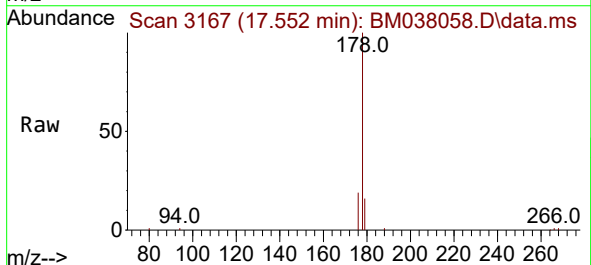
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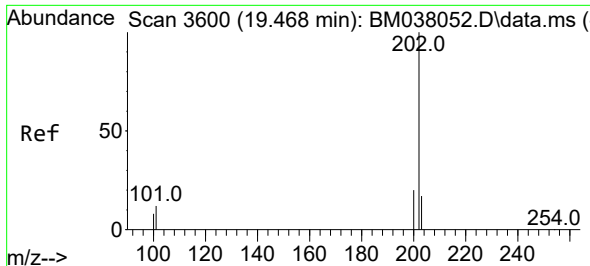
Tgt Ion:178 Resp: 21666
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.311 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

Tgt Ion:178 Resp: 20632
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.5 15.0 22.4

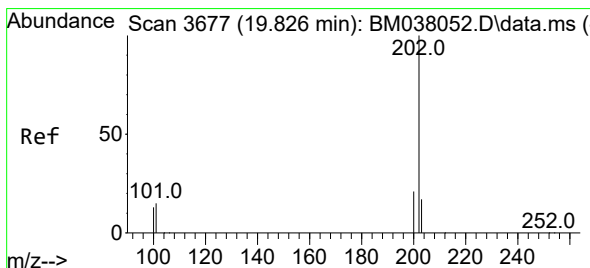
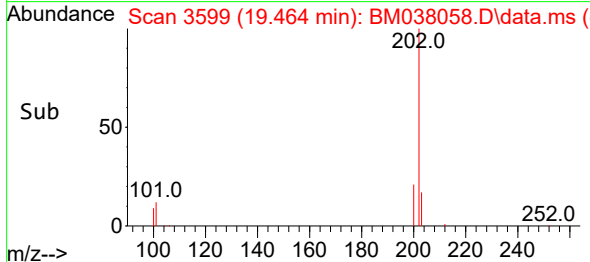
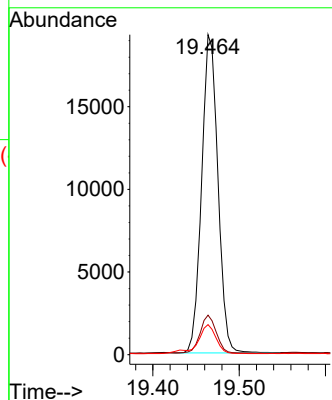
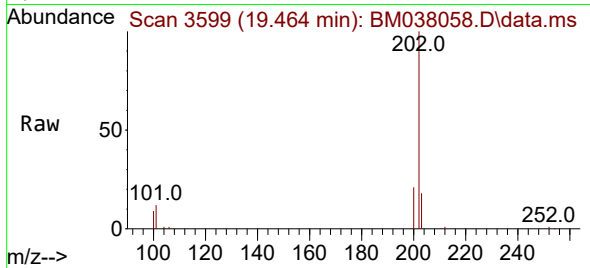




#19
Fluoranthene
Concen: 0.321 ng/ul
RT: 19.464 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

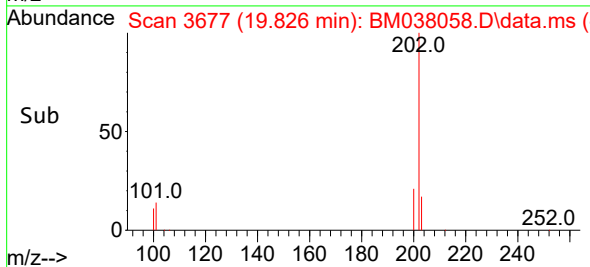
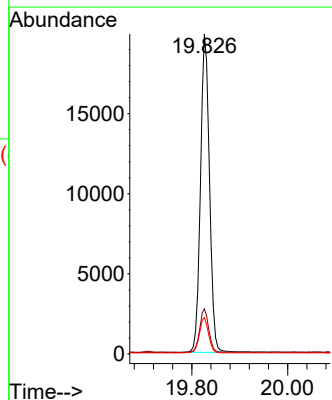
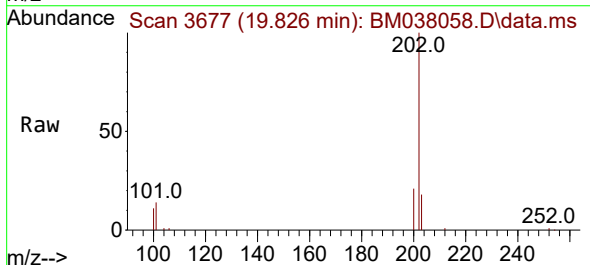
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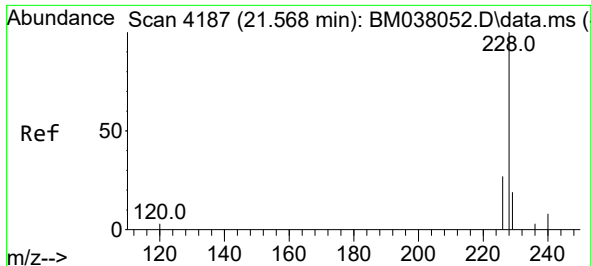
Tgt Ion:202 Resp: 25217
Ion Ratio Lower Upper
202 100
101 12.3 10.6 15.8
100 9.4 7.9 11.9



#20
Pyrene
Concen: 0.326 ng/ul
RT: 19.826 min Scan# 3677
Delta R.T. -0.005 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

Tgt Ion:202 Resp: 26122
Ion Ratio Lower Upper
202 100
101 14.1 12.1 18.1
100 11.3 9.8 14.6

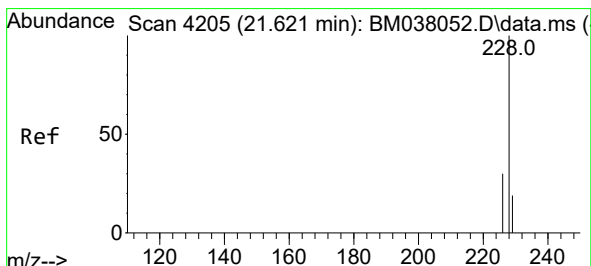
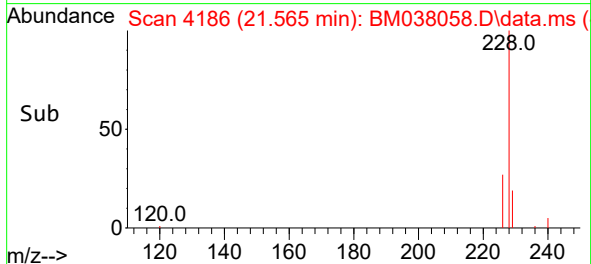
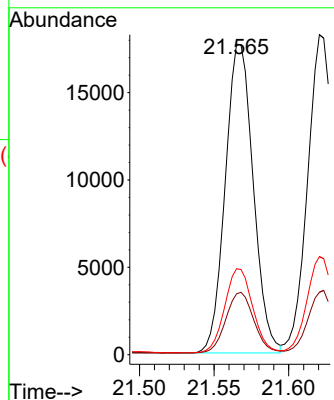
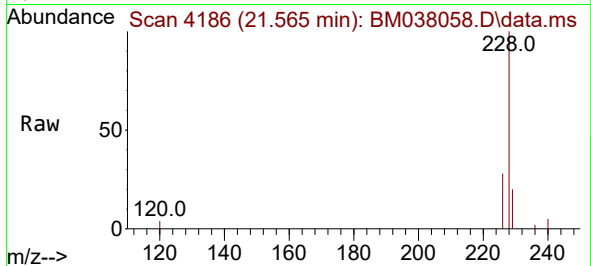




#21
Benzo(a)anthracene
Concen: 0.351 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

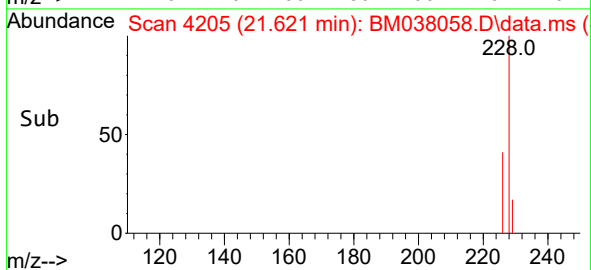
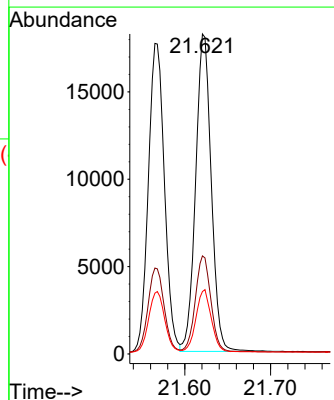
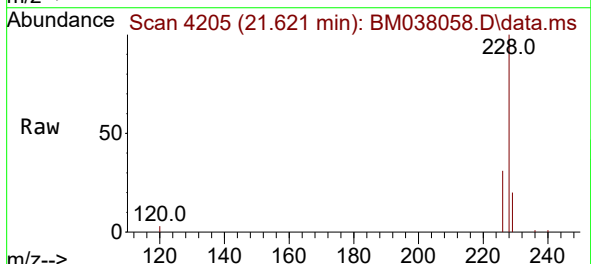
Instrument :
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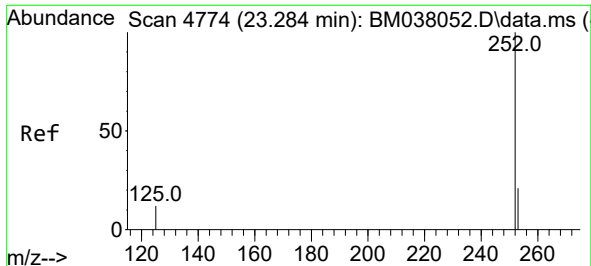
Tgt Ion:228 Resp: 23066
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.621 min Scan# 4205
Delta R.T. -0.003 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

Tgt Ion:228 Resp: 22993
Ion Ratio Lower Upper
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226 30.7 24.1 36.1
229 19.5 15.7 23.5

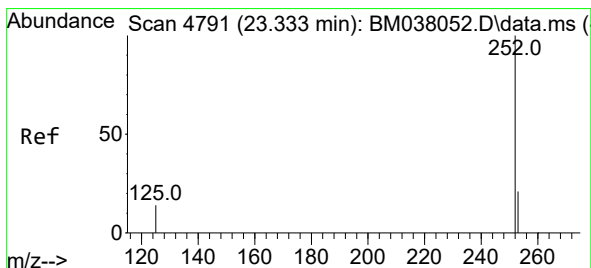
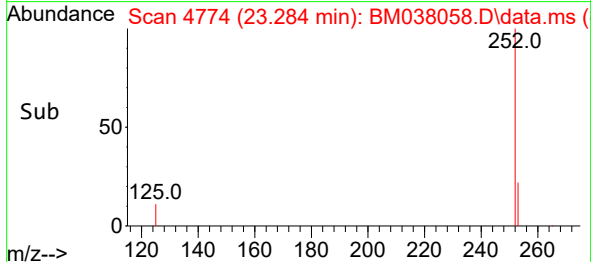
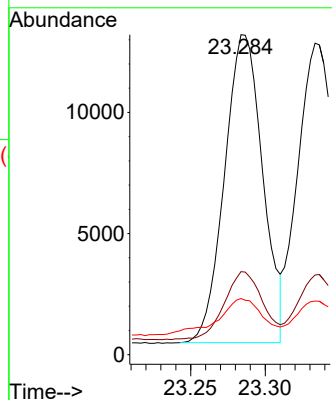
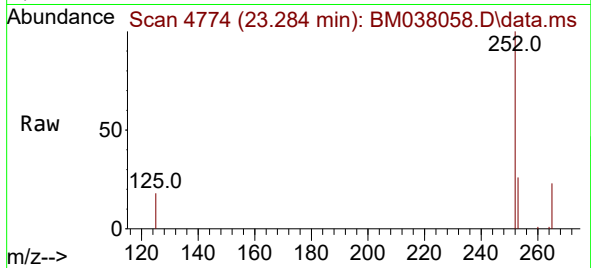




#24
Benzo(b)fluoranthene
Concen: 0.320 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. -0.003 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

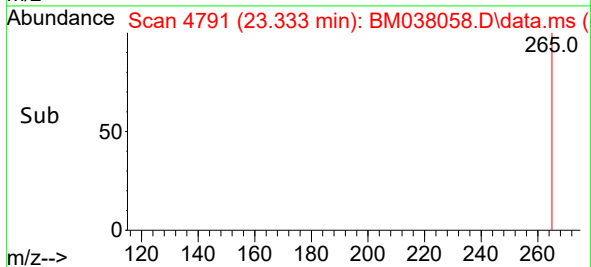
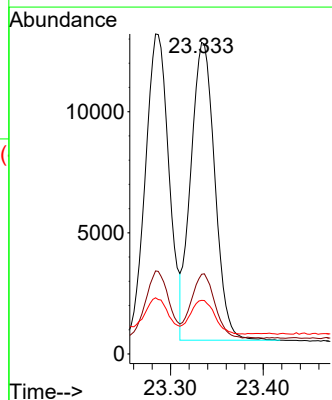
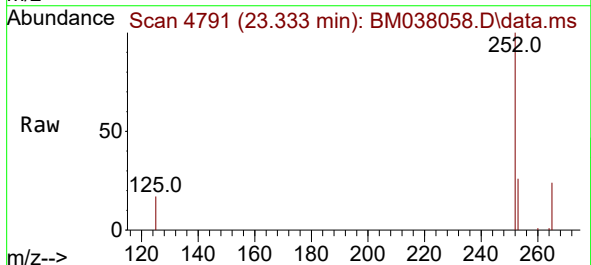
Instrument :
BNA_M
ClientSampleId :
SLCS580

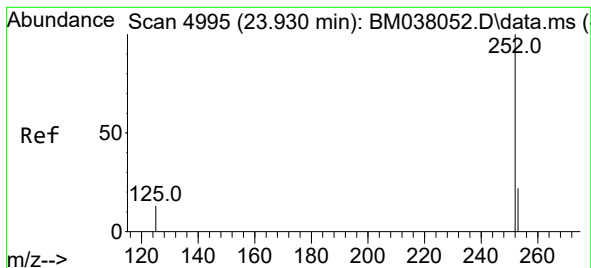
Tgt Ion:252 Resp: 22617
Ion Ratio Lower Upper
252 100
253 25.9 0.0 51.8
125 17.5 0.0 42.2



#25
Benzo(k)fluoranthene
Concen: 0.325 ng/ul
RT: 23.333 min Scan# 4791
Delta R.T. -0.003 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

Tgt Ion:252 Resp: 22136
Ion Ratio Lower Upper
252 100
253 25.6 20.8 31.2
125 17.2 17.1 25.7





#26

Benzo(a)pyrene

Concen: 0.321 ng/ul

RT: 23.930 min Scan# 4995

Delta R.T. 0.000 min

Lab File: BM038058.D

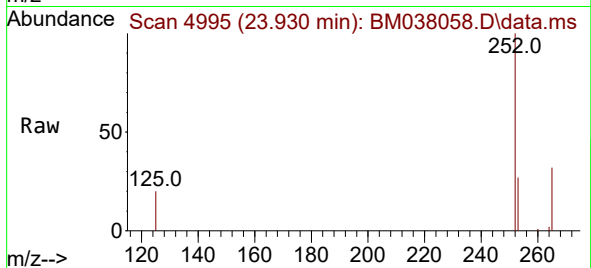
Acq: 16 Dec 2022 07:51

Instrument :

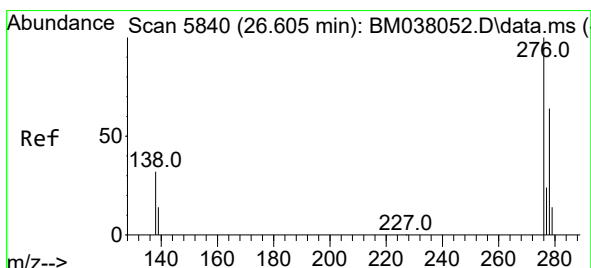
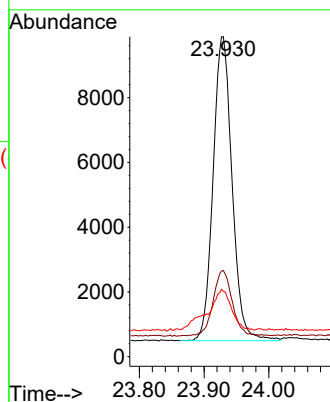
BNA_M

ClientSampleId :

SLCS580



Tgt Ion:	252	Resp:	19121
Ion Ratio	Lower	Upper	
252	100		
253	26.9	21.9	32.9
125	20.4	20.7	31.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.307 ng/ul

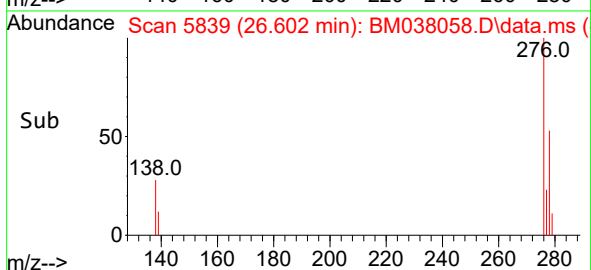
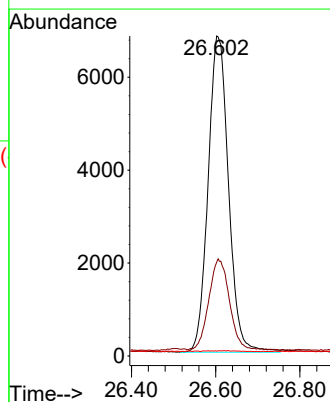
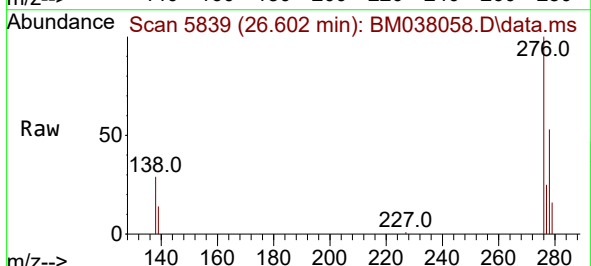
RT: 26.602 min Scan# 5839

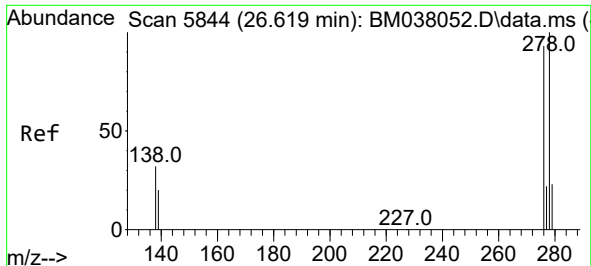
Delta R.T. -0.007 min

Lab File: BM038058.D

Acq: 16 Dec 2022 07:51

Tgt Ion:	276	Resp:	22913
Ion Ratio	Lower	Upper	
276	100		
138	29.1	26.6	40.0
227	0.0	0.1	0.1#

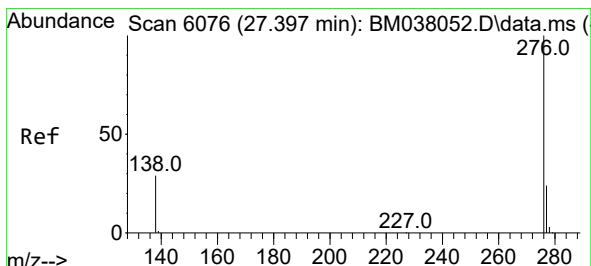
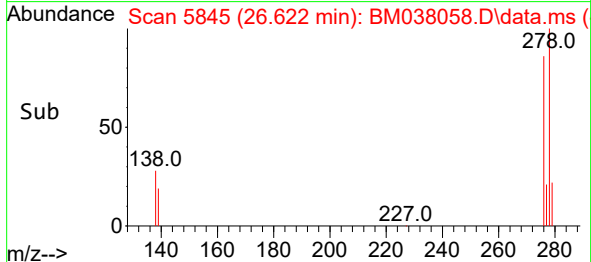
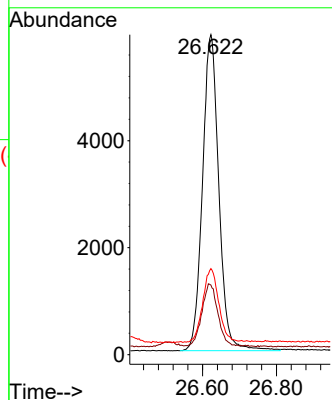
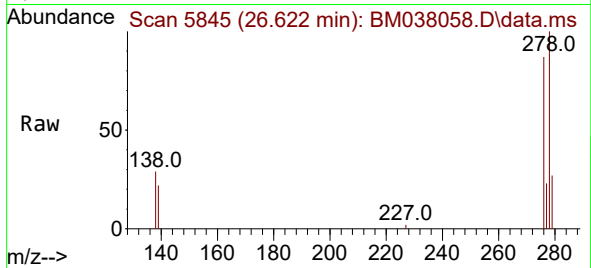




#28
Dibenzo(a,h)anthracene
Concen: 0.313 ng/ul
RT: 26.622 min Scan# 5845
Delta R.T. 0.000 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

Instrument :
BNA_M
ClientSampleId :
SLCS580

Tgt Ion:278 Resp: 18194
Ion Ratio Lower Upper
278 100
139 21.8 19.0 28.6
279 26.9 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038058.D
Acq: 16 Dec 2022 07:51

Tgt Ion:276 Resp: 19138
Ion Ratio Lower Upper
276 100
138 27.3 24.1 36.1
277 25.3 19.0 28.6

