

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040824\
 Data File : BM045057.D
 Acq On : 09 Apr 2024 01:16
 Operator : MA/JU
 Sample : PB160035BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS035

Quant Time: Apr 09 03:32:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 09 02:13:29 2024
 Response via : Initial Calibration

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

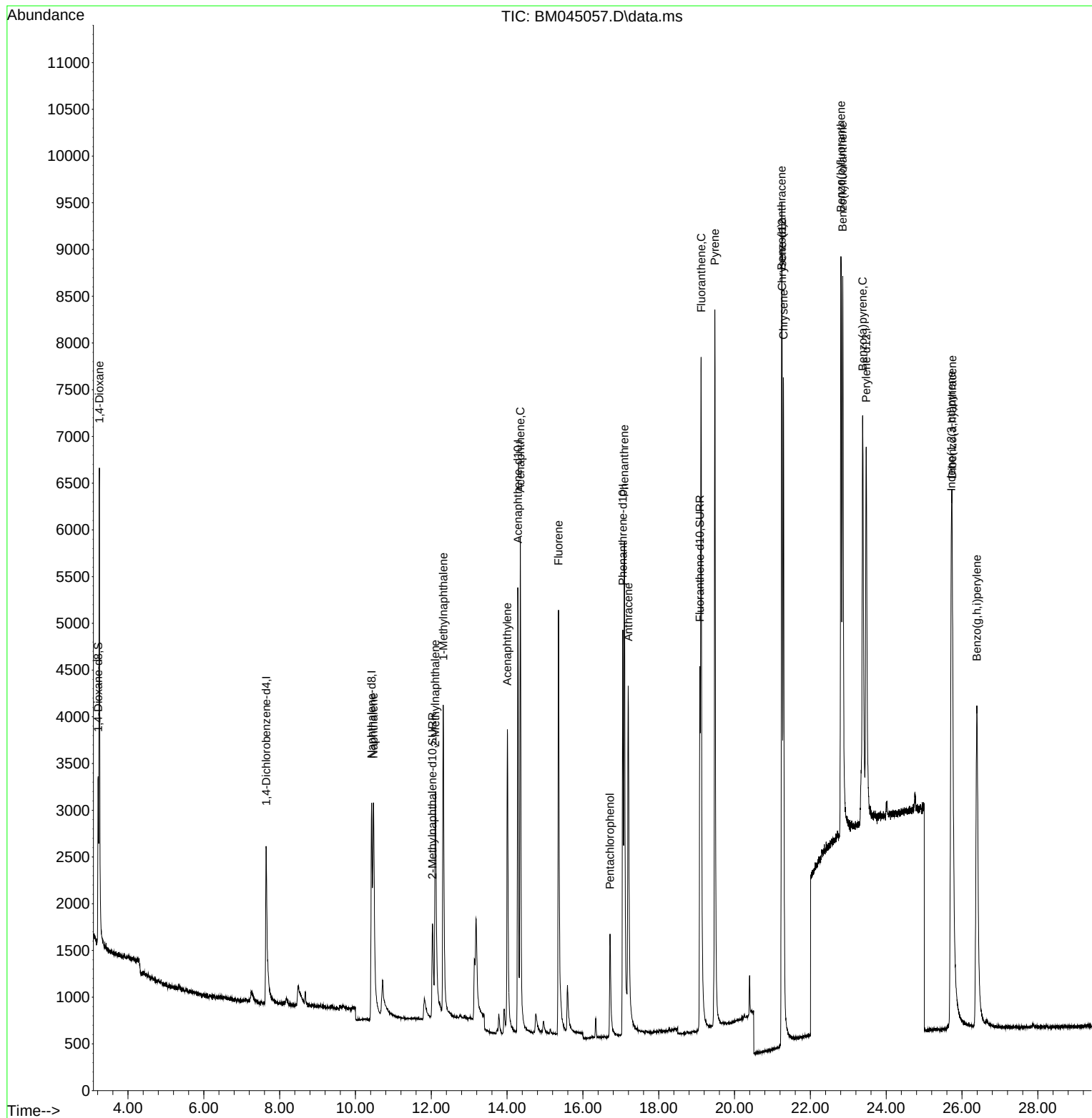
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.648	152	1736	0.400	ng/ul	0.00
4) Naphthalene-d8	10.424	136	5776	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.284	164	3308	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.052	188	7268	0.400	ng/ul	0.00
17) Chrysene-d12	21.252	240	5576	0.400	ng/ul	0.00
23) Perylene-d12	23.473	264	6565	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	1248	0.547	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.030	152	2536	0.324	ng/ul	0.00
18) Fluoranthene-d10	19.085	212	5728	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.243	88	3611	1.652	ng/ul#	80
5) Naphthalene	10.474	128	4971	0.324	ng/ul	99
7) 2-Methylnaphthalene	12.107	142	3162	0.346	ng/ul	99
8) 1-Methylnaphthalene	12.316	142	3272	0.327	ng/ul	100
10) Acenaphthylene	14.006	152	5446	0.330	ng/ul	97
11) Acenaphthene	14.348	153	3956	0.335	ng/ul	98
12) Fluorene	15.357	166	4399	0.332	ng/ul	99
14) Pentachlorophenol	16.714	266	1242	0.729	ng/ul	98
15) Phenanthrene	17.094	178	7014	0.343	ng/ul	100
16) Anthracene	17.195	178	7048	0.350	ng/ul	99
19) Fluoranthene	19.117	202	8336	0.418	ng/ul	99
20) Pyrene	19.480	202	8654	0.411	ng/ul	99
21) Benzo(a)anthracene	21.240	228	6915	0.356	ng/ul	98
22) Chrysene	21.290	228	8568	0.354	ng/ul	99
24) Benzo(b)fluoranthene	22.806	252	8513	0.359	ng/ul	97
25) Benzo(k)fluoranthene	22.853	252	10023	0.377	ng/ul	95
26) Benzo(a)pyrene	23.379	252	8509	0.376	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.716	276	11196	0.361	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.739	278	8848	0.360	ng/ul	94
29) Benzo(g,h,i)perylene	26.390	276	9793	0.366	ng/ul	98

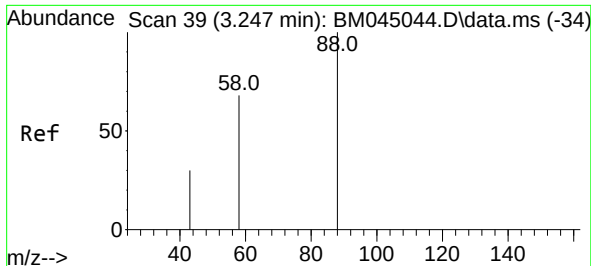
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040824\
Data File : BM045057.D
Acq On : 09 Apr 2024 01:16
Operator : MA/JU
Sample : PB160035BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

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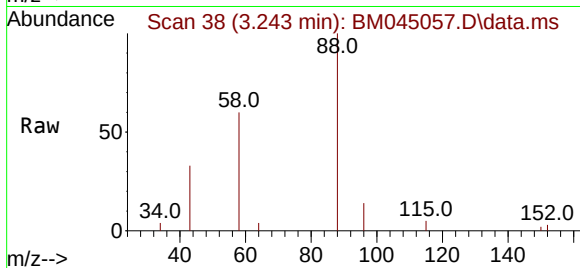
Quant Time: Apr 09 03:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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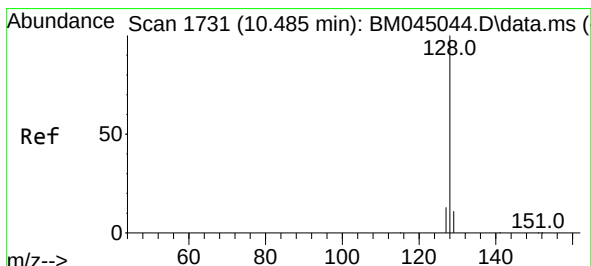
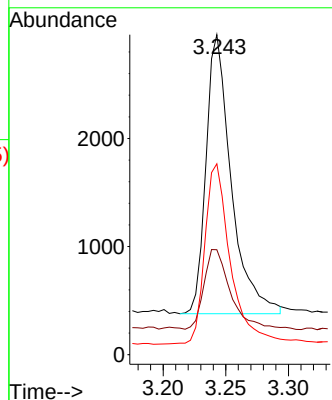
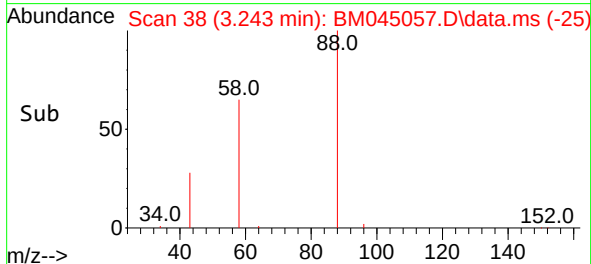


#2
1,4-Dioxane
Concen: 1.652 ng/ul
RT: 3.243 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

Instrument :
BNA_M
ClientSampleId :
SLCS035

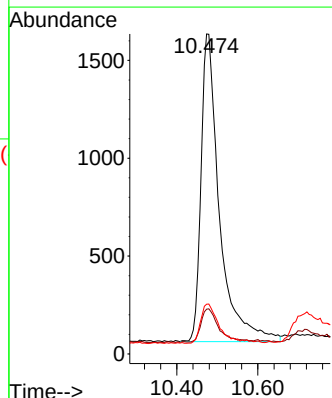
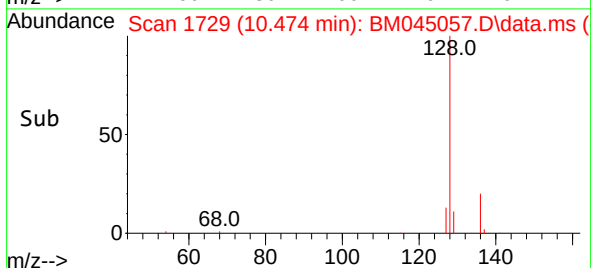
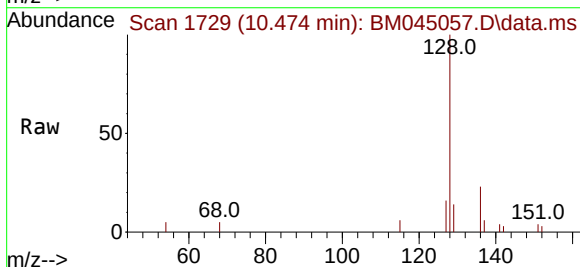


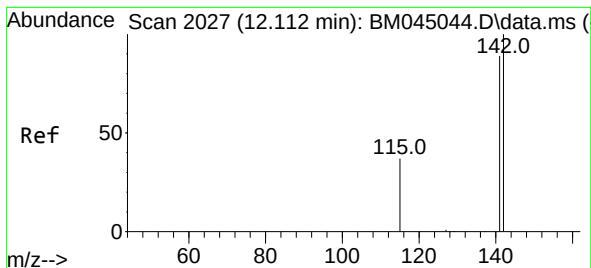
Tgt Ion: 88 Resp: 3611
Ion Ratio Lower Upper
88 100
43 32.8 30.6 46.0
58 59.7 32.6 48.8#



#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.474 min Scan# 1729
Delta R.T. -0.011 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

Tgt Ion: 128 Resp: 4971
Ion Ratio Lower Upper
128 100
129 14.0 11.3 16.9
127 15.5 11.9 17.9





#7

2-Methylnaphthalene

Concen: 0.346 ng/ul

RT: 12.107 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BM045057.D

Acq: 09 Apr 2024 01:16

Instrument :

BNA_M

ClientSampleId :

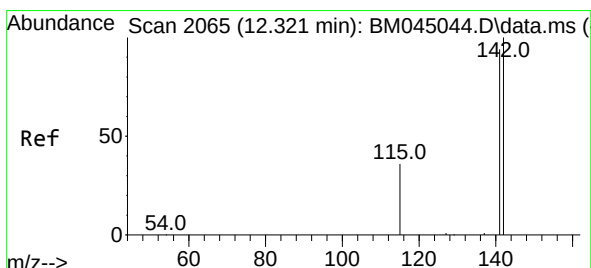
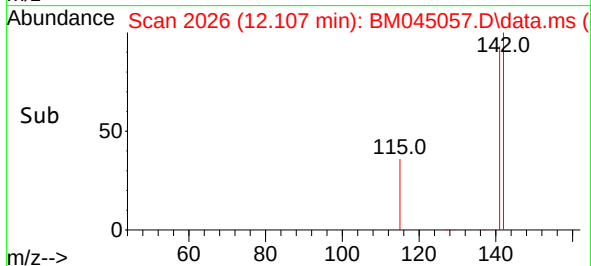
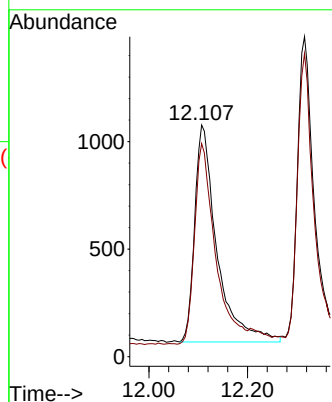
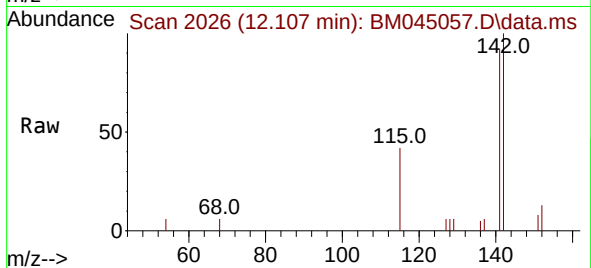
SLCS035

Tgt Ion:142 Resp: 3162

Ion Ratio Lower Upper

142 100

141 93.0 73.8 110.8



#8

1-Methylnaphthalene

Concen: 0.327 ng/ul

RT: 12.316 min Scan# 2064

Delta R.T. -0.006 min

Lab File: BM045057.D

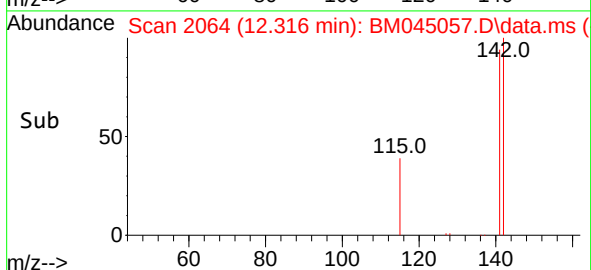
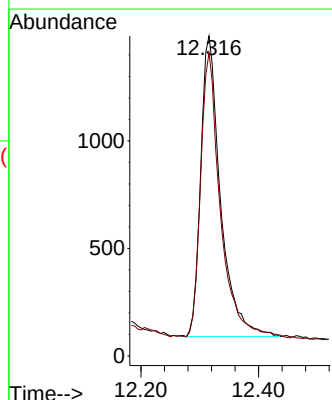
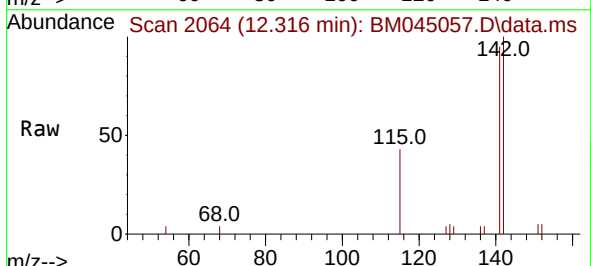
Acq: 09 Apr 2024 01:16

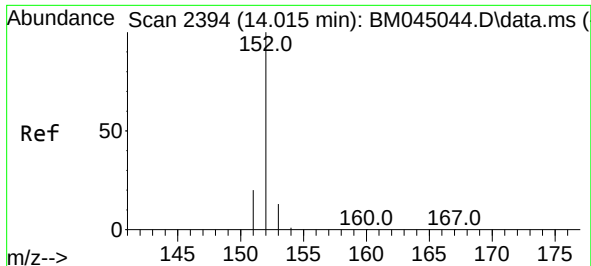
Tgt Ion:142 Resp: 3272

Ion Ratio Lower Upper

142 100

141 92.8 74.2 111.2

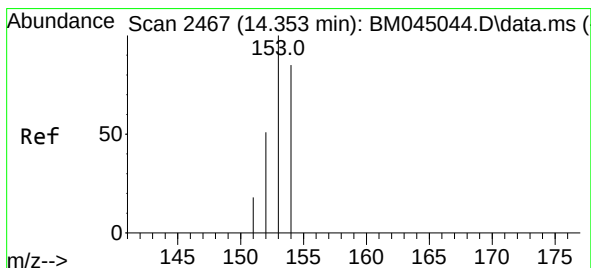
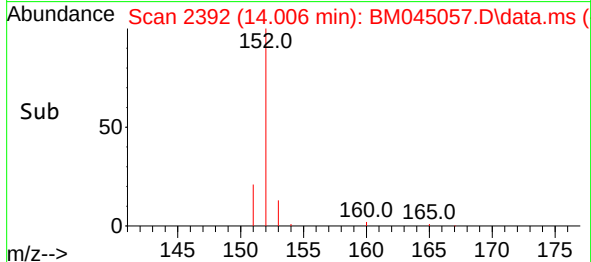
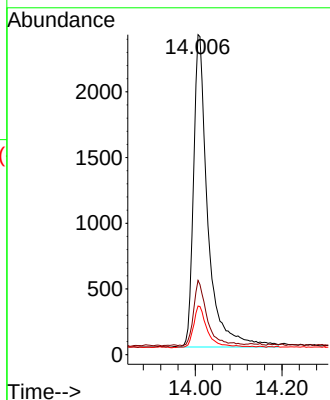
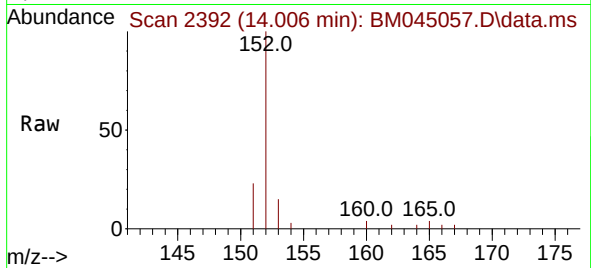




#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 14.006 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

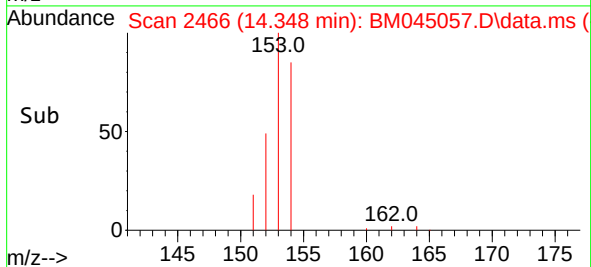
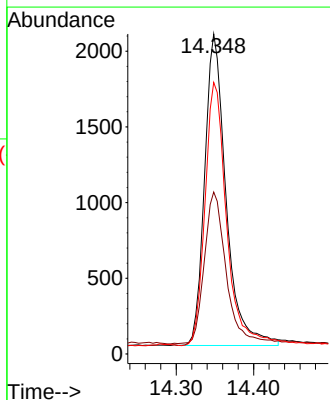
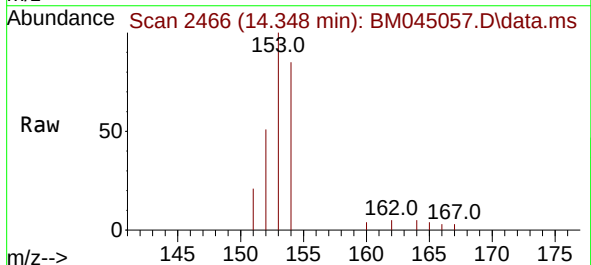
Instrument :
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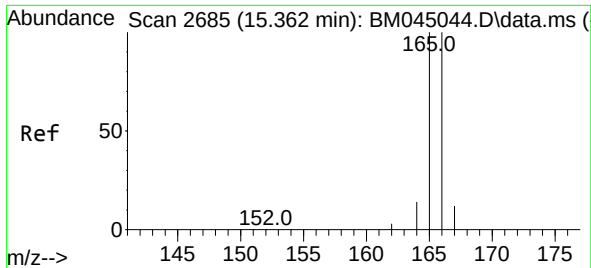
Tgt Ion:152 Resp: 5446
Ion Ratio Lower Upper
152 100
151 23.2 17.0 25.4
153 15.2 11.9 17.9



#11
Acenaphthene
Concen: 0.335 ng/ul
RT: 14.348 min Scan# 2466
Delta R.T. -0.005 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

Tgt Ion:153 Resp: 3956
Ion Ratio Lower Upper
153 100
152 50.6 41.2 61.8
154 84.9 69.4 104.0

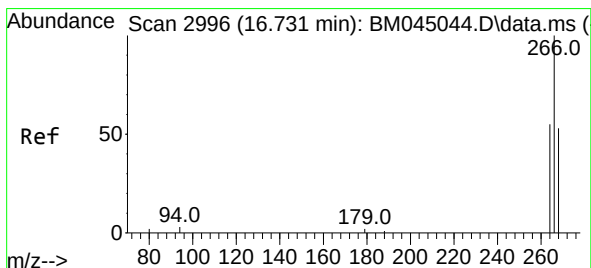
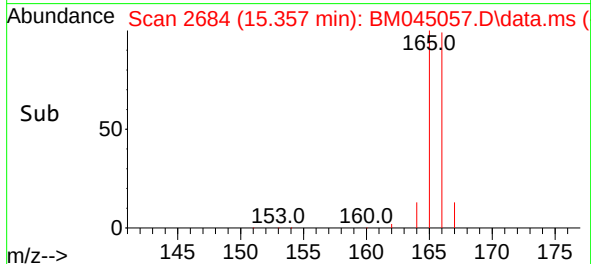
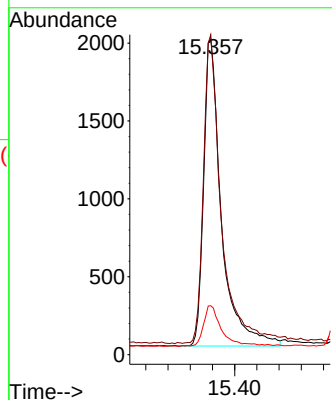
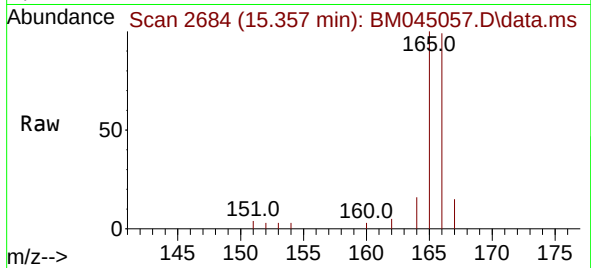




#12
 Fluorene
 Concen: 0.332 ng/ul
 RT: 15.357 min Scan# 2
 Delta R.T. -0.005 min
 Lab File: BM045057.D
 Acq: 09 Apr 2024 01:16

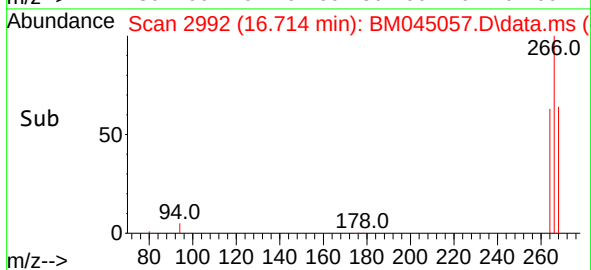
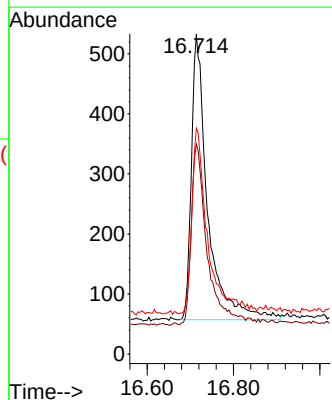
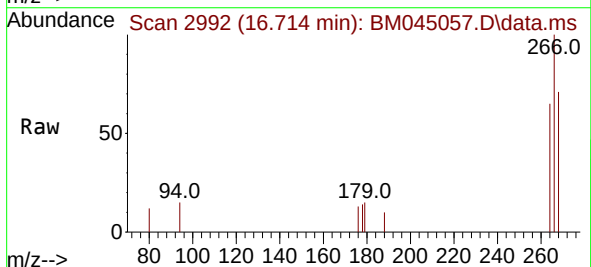
Instrument :
 BNA_M
 ClientSampleId :
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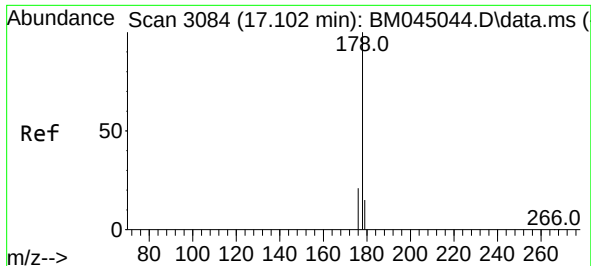
Tgt Ion:	166	Resp:	4399
Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.9	119.9
167	15.5	12.2	18.2



#14
 Pentachlorophenol
 Concen: 0.729 ng/ul
 RT: 16.714 min Scan# 2992
 Delta R.T. -0.017 min
 Lab File: BM045057.D
 Acq: 09 Apr 2024 01:16

Tgt Ion:	266	Resp:	1242
Ion	Ratio	Lower	Upper
266	100		
264	60.8	48.3	72.5
268	63.6	52.6	79.0

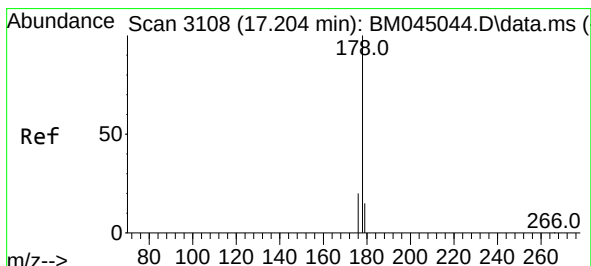
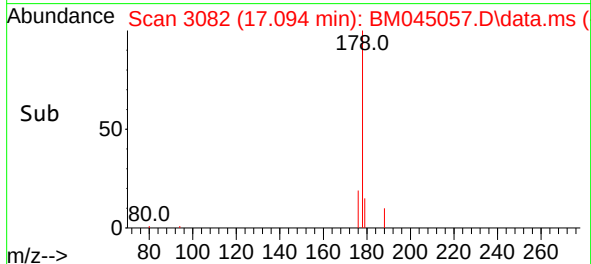
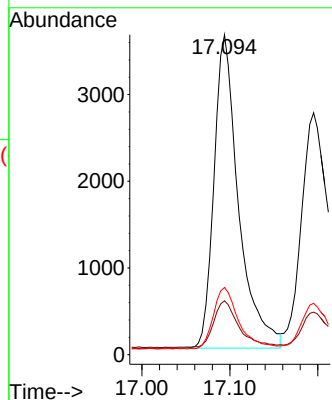
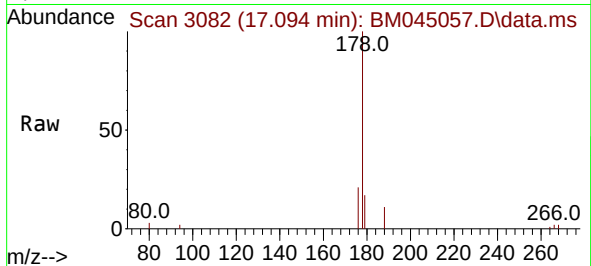




#15
Phenanthrene
Concen: 0.343 ng/ul
RT: 17.094 min Scan# 3082
Delta R.T. -0.008 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

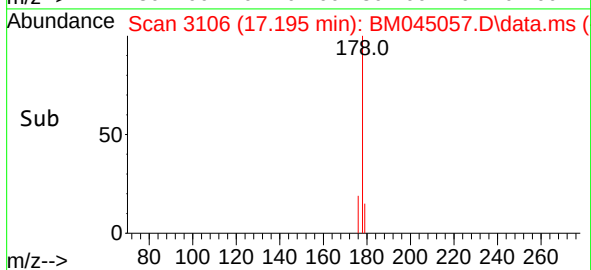
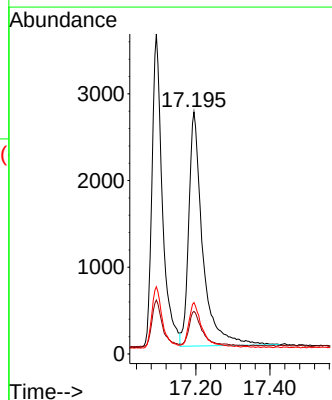
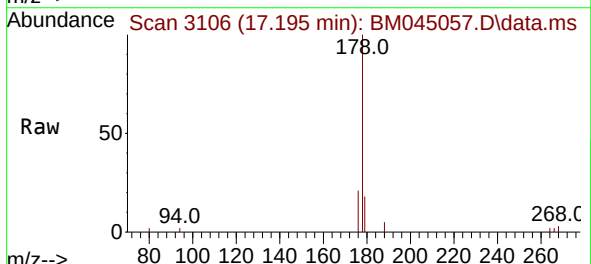
Instrument :
BNA_M
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SLCS035

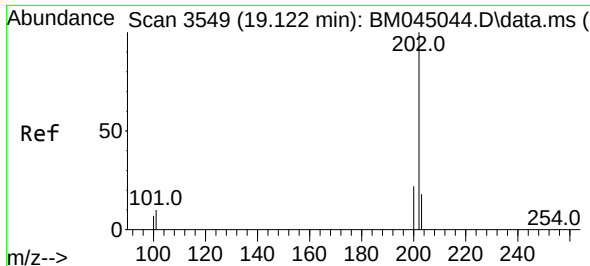
Tgt Ion:178 Resp: 7014
Ion Ratio Lower Upper
178 100
179 16.9 13.7 20.5
176 21.0 17.0 25.4



#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.195 min Scan# 3106
Delta R.T. -0.008 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

Tgt Ion:178 Resp: 7048
Ion Ratio Lower Upper
178 100
179 17.6 13.8 20.8
176 21.2 16.2 24.4

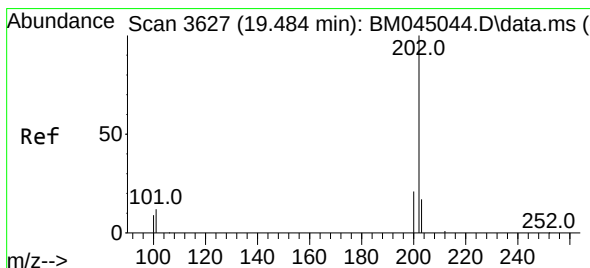
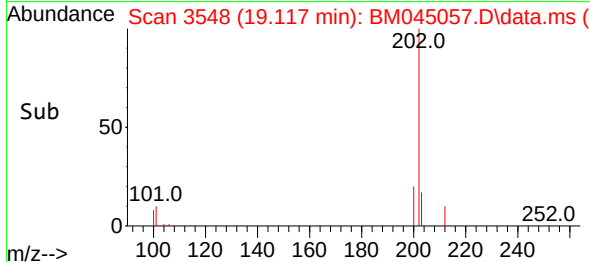
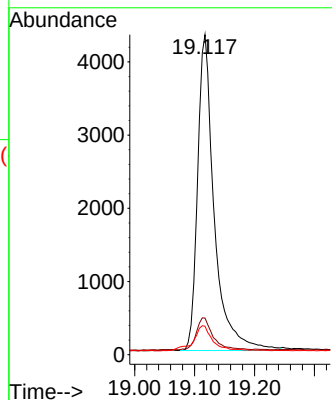
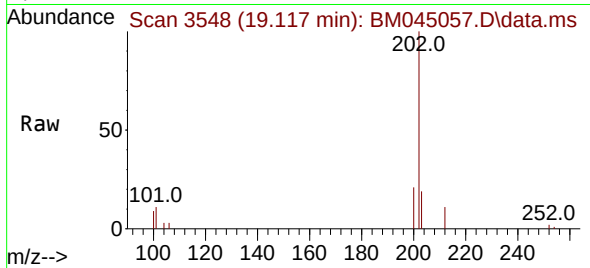




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.117 min Scan# 3548
Delta R.T. -0.005 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

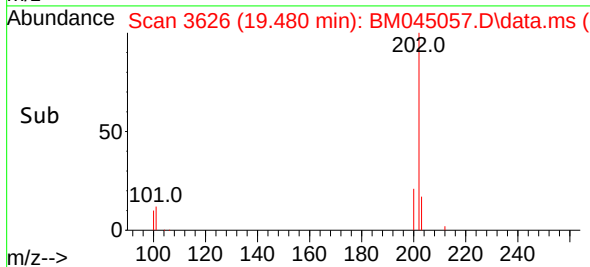
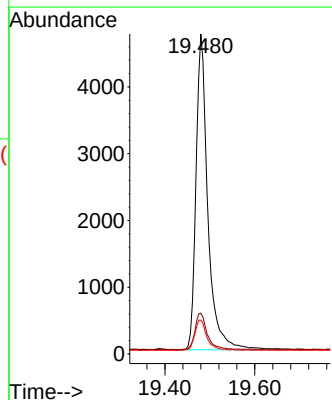
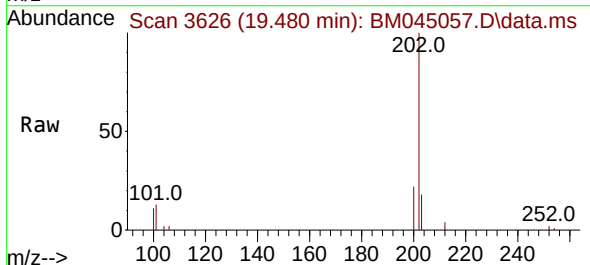
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SLCS035

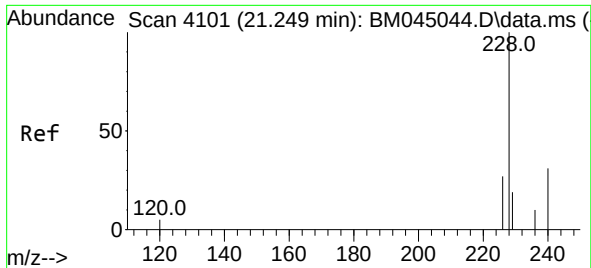
Tgt Ion:202 Resp: 8336
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.9 7.0 10.4



#20
Pyrene
Concen: 0.411 ng/ul
RT: 19.480 min Scan# 3626
Delta R.T. -0.005 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

Tgt Ion:202 Resp: 8654
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.6
100 10.6 8.1 12.1

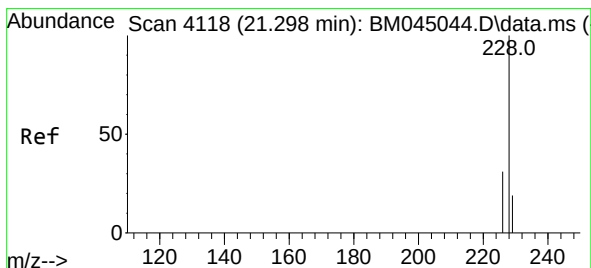
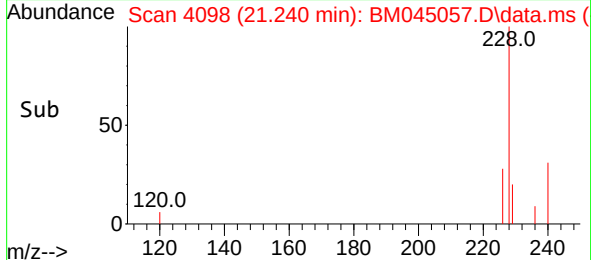
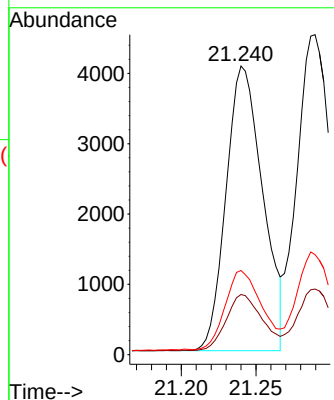
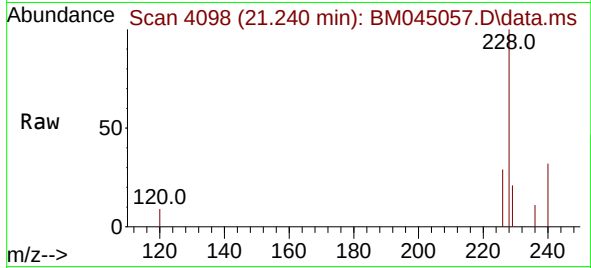




#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.240 min Scan# 4101
Delta R.T. -0.009 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

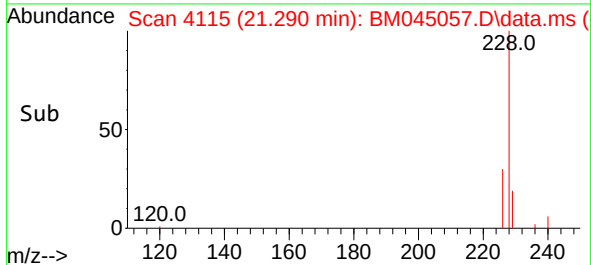
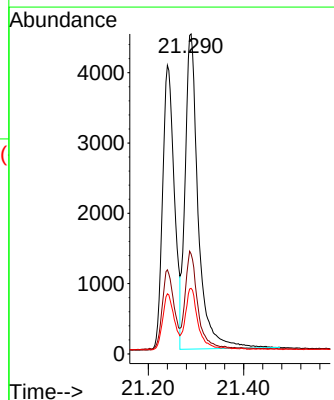
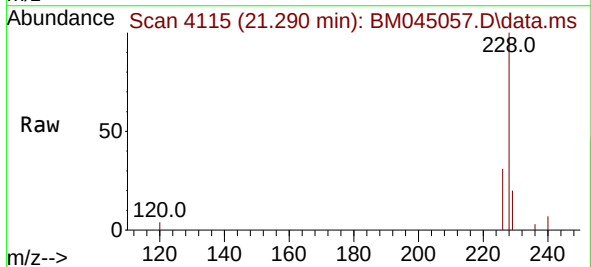
Instrument :
BNA_M
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SLCS035

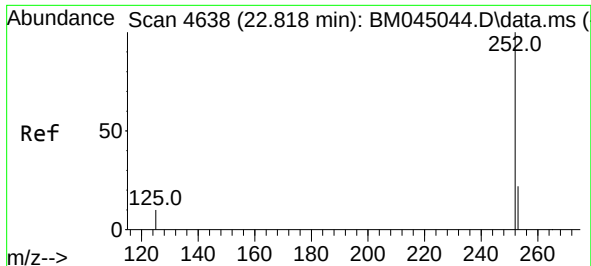
Tgt Ion:228 Resp: 6915
Ion Ratio Lower Upper
228 100
229 20.8 16.4 24.6
226 29.2 22.3 33.5



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.290 min Scan# 4115
Delta R.T. -0.009 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

Tgt Ion:228 Resp: 8568
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 20.5 15.9 23.9

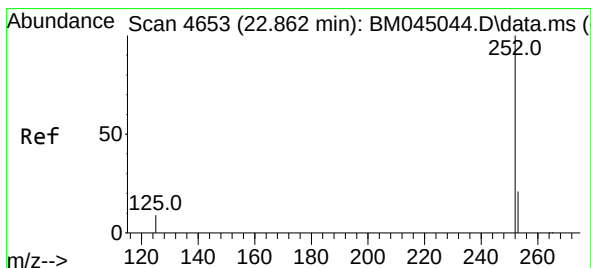
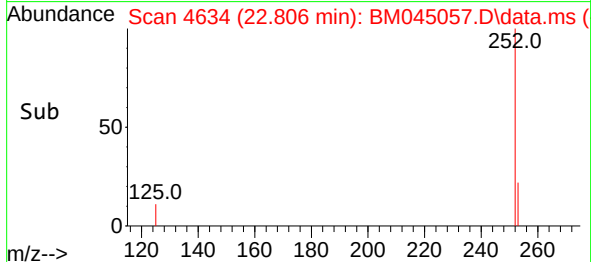
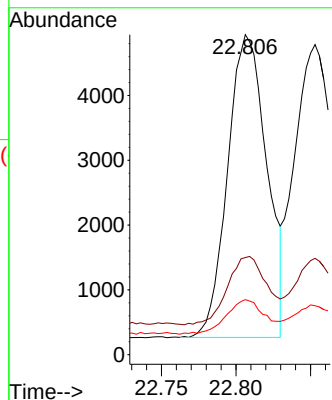
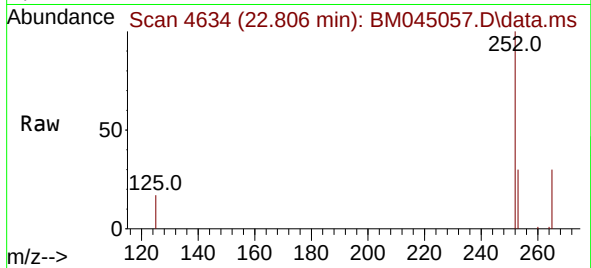




#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 22.806 min Scan# 4634
Delta R.T. -0.012 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

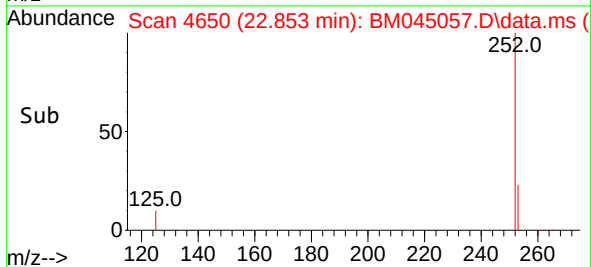
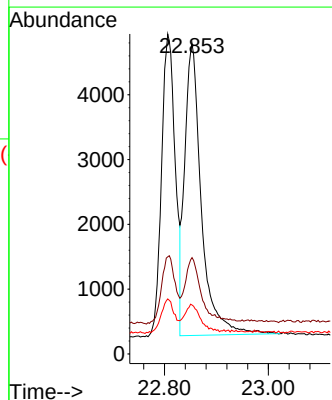
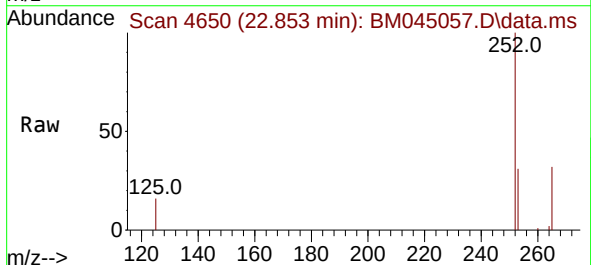
Instrument :
BNA_M
ClientSampleId :
SLCS035

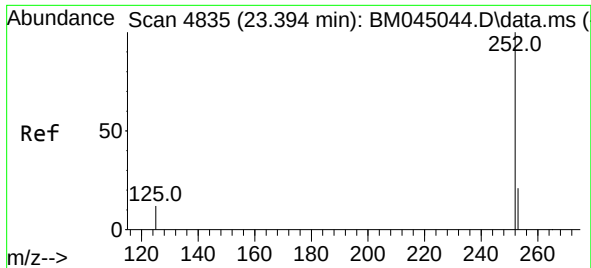
Tgt Ion:252 Resp: 8513
Ion Ratio Lower Upper
252 100
253 30.4 0.0 56.4
125 17.2 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 22.853 min Scan# 4650
Delta R.T. -0.009 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

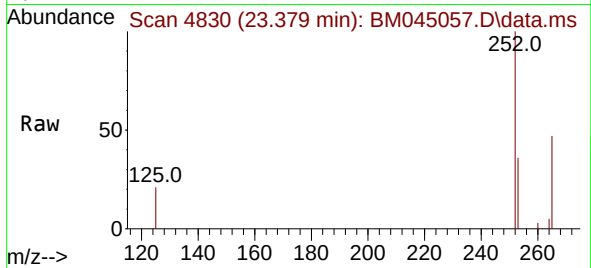
Tgt Ion:252 Resp: 10023
Ion Ratio Lower Upper
252 100
253 31.1 22.3 33.5
125 15.8 11.6 17.4



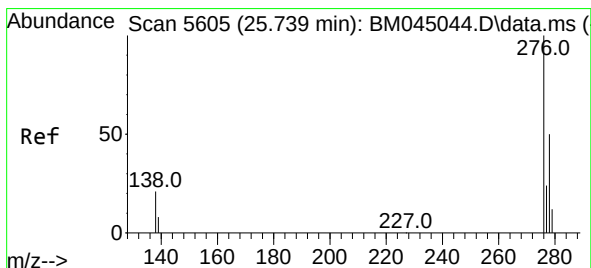
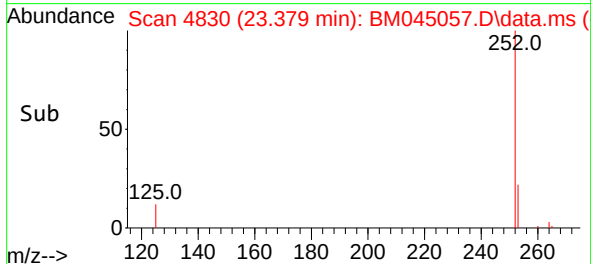
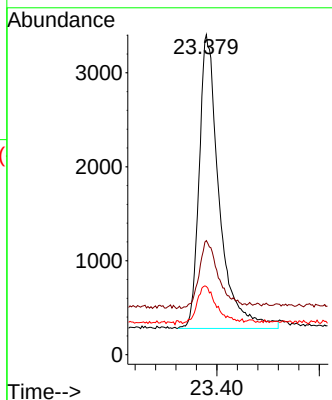


#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.379 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

Instrument :
BNA_M
ClientSampleId :
SLCS035

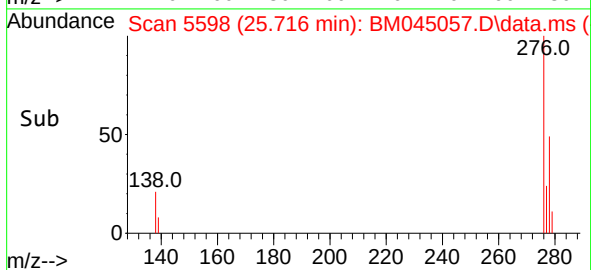
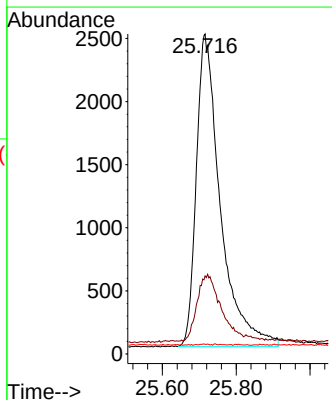
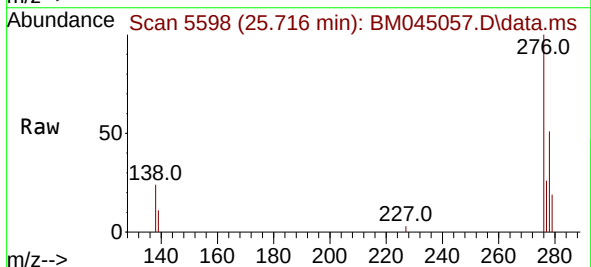


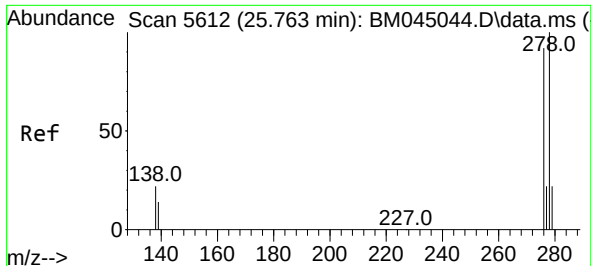
Tgt Ion:252 Resp: 8509
Ion Ratio Lower Upper
252 100
253 35.6 24.6 37.0
125 21.3 18.2 27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng/ul
RT: 25.716 min Scan# 5598
Delta R.T. -0.023 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

Tgt Ion:276 Resp: 11196
Ion Ratio Lower Upper
276 100
138 21.8 0.0 0.0#
227 0.1 0.1 0.1

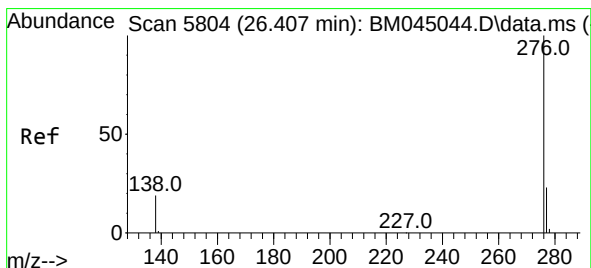
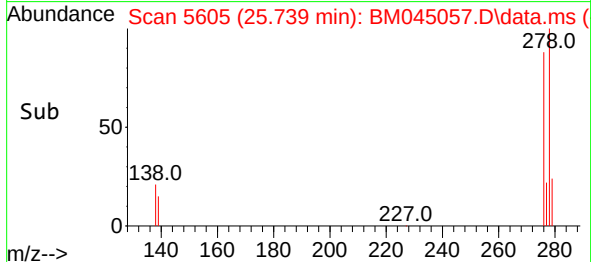
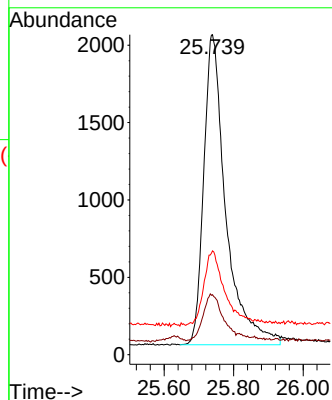
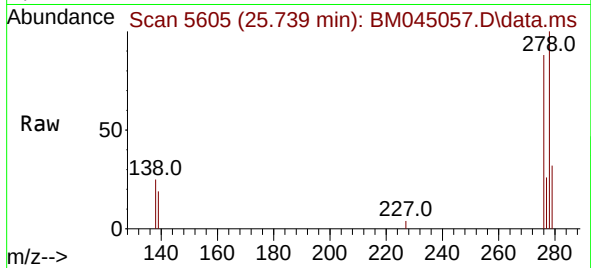




#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 25.739 min Scan# 5605
Delta R.T. -0.023 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

Instrument :
BNA_M
ClientSampleId :
SLCS035

Tgt Ion:278 Resp: 8848
Ion Ratio Lower Upper
278 100
139 18.8 13.6 20.4
279 32.4 23.0 34.4



#29
Benzo(g,h,i)perylene
Concen: 0.366 ng/ul
RT: 26.390 min Scan# 5799
Delta R.T. -0.017 min
Lab File: BM045057.D
Acq: 09 Apr 2024 01:16

Tgt Ion:276 Resp: 9793
Ion Ratio Lower Upper
276 100
138 23.2 16.8 25.2
277 25.1 20.3 30.5

