

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045927.D
 Acq On : 08 Jun 2024 21:42
 Operator : MA/JU
 Sample : PB161397BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS397

Quant Time: Jun 10 01:30:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

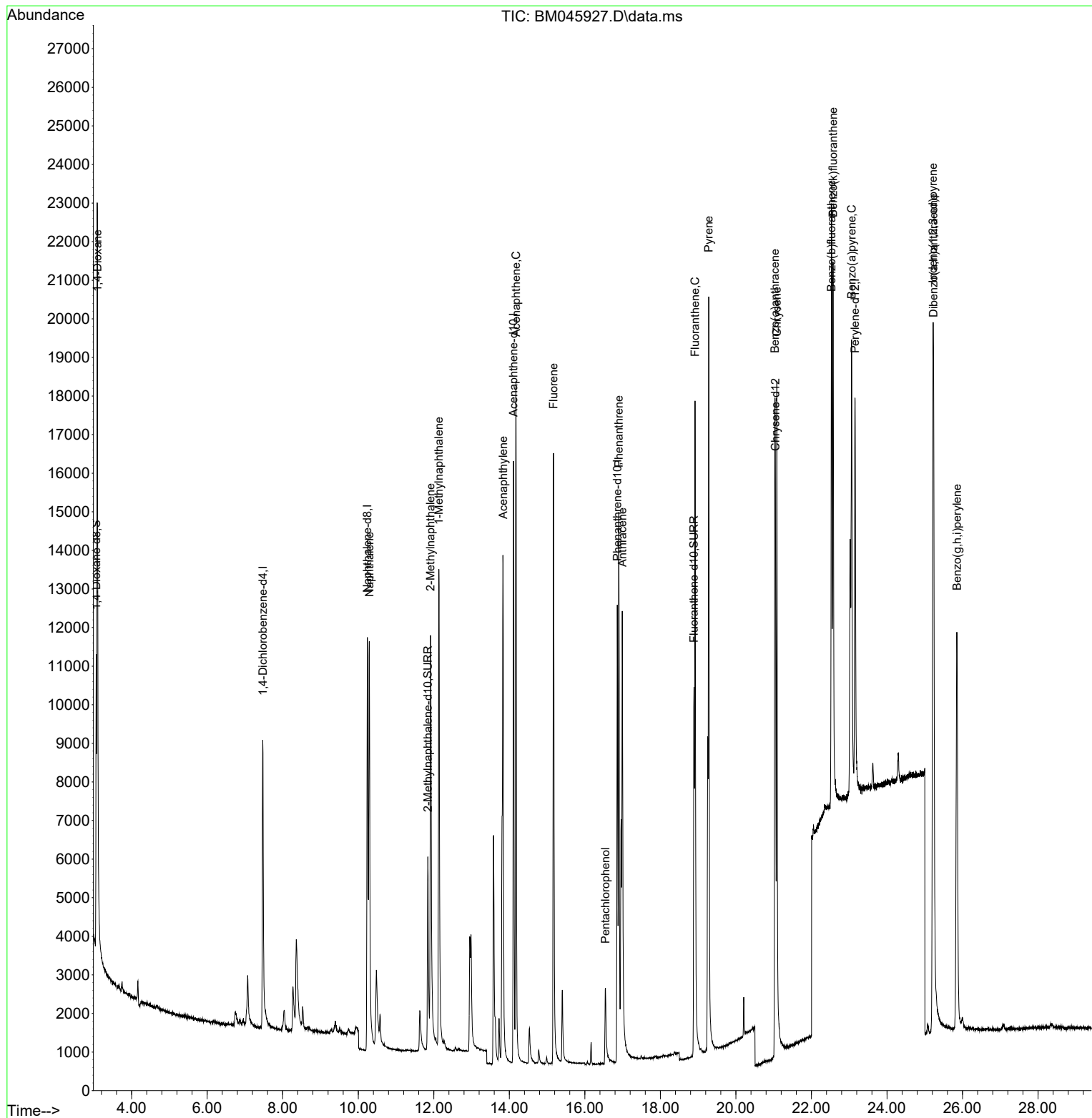
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	5232	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.242	136	17460	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	9255	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.861	188	15557	0.400	ng/ul	0.00
17) Chrysene-d12	21.047	240	10558	0.400	ng/ul	0.00
23) Perylene-d12	23.154	264	13420	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	4296	0.721	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.843	152	8777	0.349	ng/ul	0.00
18) Fluoranthene-d10	18.889	212	12437	0.393	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.092	88	12449	1.826	ng/ul#	57
5) Naphthalene	10.292	128	17154	0.376	ng/ul	99
7) 2-Methylnaphthalene	11.914	142	10489	0.361	ng/ul	99
8) 1-Methylnaphthalene	12.134	142	10258	0.324	ng/ul	98
10) Acenaphthylene	13.835	152	16153	0.384	ng/ul	99
11) Acenaphthene	14.177	153	11486	0.371	ng/ul	100
12) Fluorene	15.172	166	12141	0.351	ng/ul	99
14) Pentachlorophenol	16.545	266	2267	0.779	ng/ul	98
15) Phenanthrene	16.899	178	16282	0.373	ng/ul	99
16) Anthracene	16.992	178	13807	0.371	ng/ul	99
19) Fluoranthene	18.917	202	17166	0.408	ng/ul	100
20) Pyrene	19.280	202	17907	0.408	ng/ul	99
21) Benzo(a)anthracene	21.032	228	14828	0.383	ng/ul	98
22) Chrysene	21.085	228	17139	0.406	ng/ul	99
24) Benzo(b)fluoranthene	22.531	252	17645	0.396	ng/ul	98
25) Benzo(k)fluoranthene	22.572	252	19443	0.397	ng/ul	99
26) Benzo(a)pyrene	23.066	252	17641	0.399	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.219	276	23707	0.414	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.233	278	18795	0.411	ng/ul	99
29) Benzo(g,h,i)perylene	25.853	276	20623	0.418	ng/ul	98

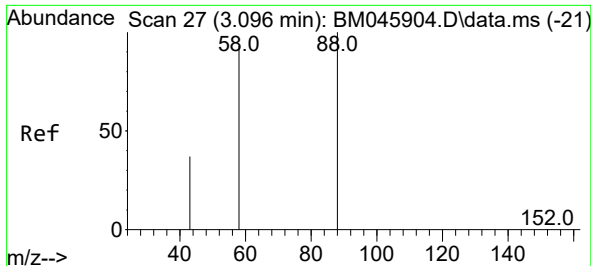
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045927.D
Acq On : 08 Jun 2024 21:42
Operator : MA/JU
Sample : PB161397BS
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS397

Quant Time: Jun 10 01:30:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

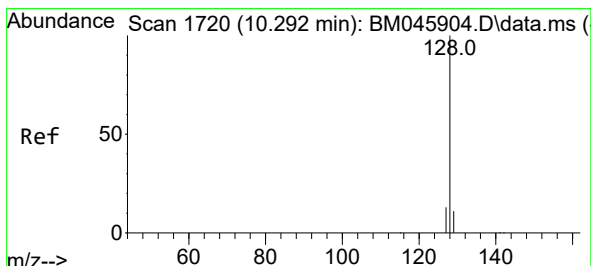
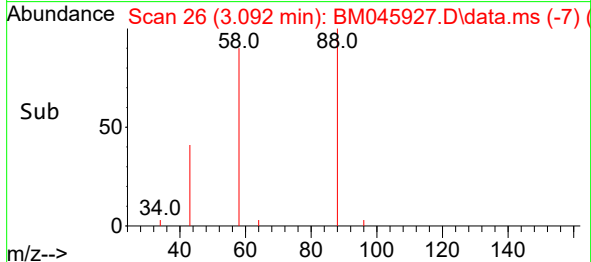
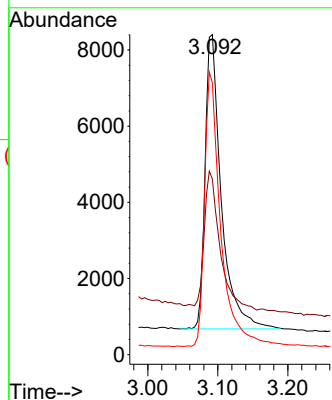
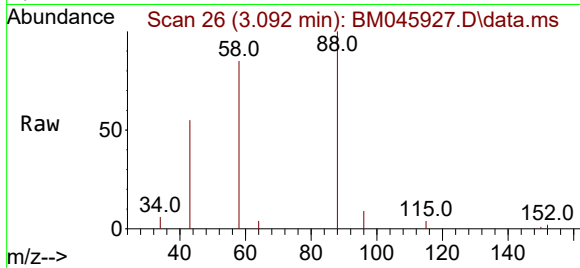




#2
1,4-Dioxane
Concen: 1.826 ng/ul
RT: 3.092 min Scan# 21
Delta R.T. -0.021 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

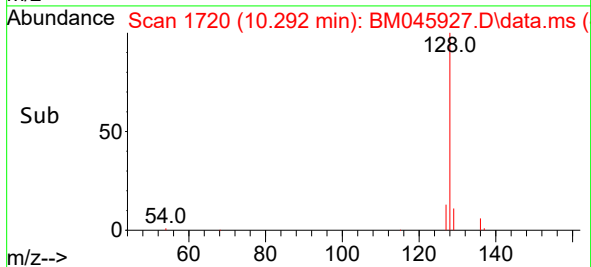
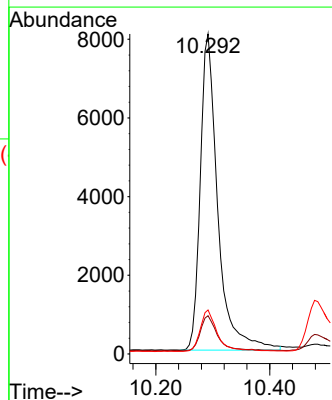
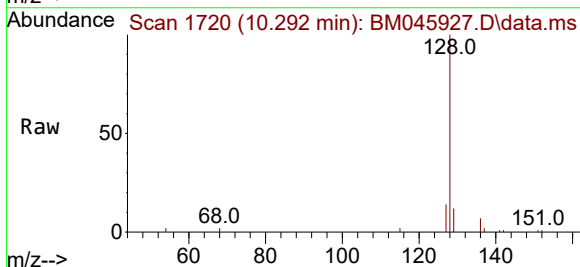
Instrument :
BNA_M
ClientSampleId :
SLCS397

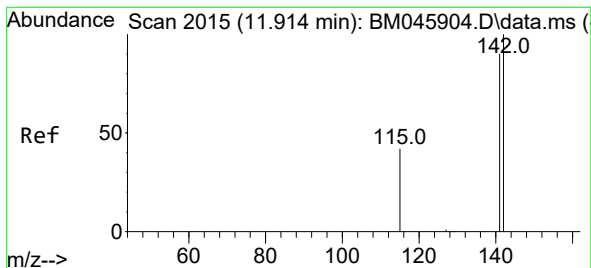
Tgt Ion: 88 Resp: 12449
Ion Ratio Lower Upper
88 100
43 54.9 87.4 131.2#
58 84.9 51.1 76.7#



#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.011 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

Tgt Ion: 128 Resp: 17154
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.0
127 13.8 10.6 15.8

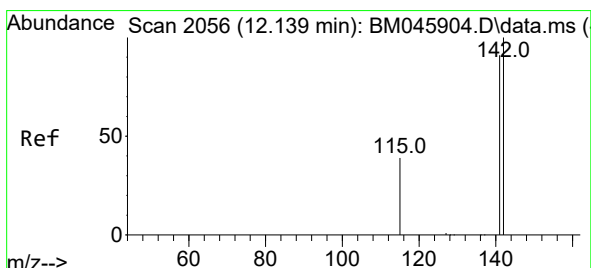
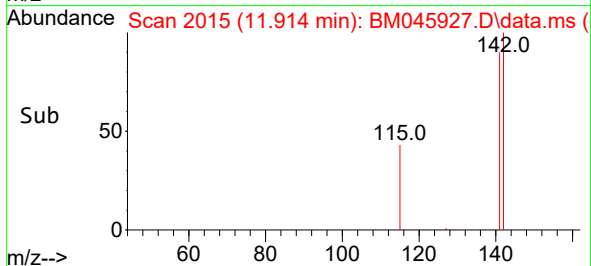
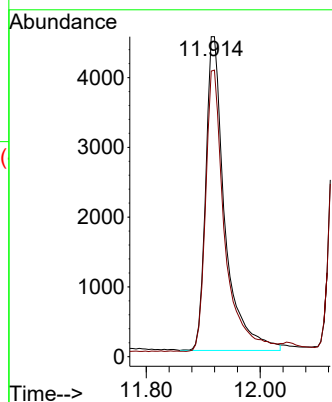
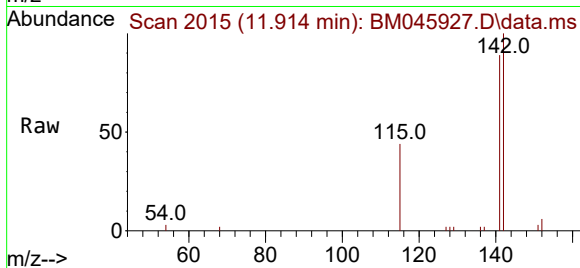




#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

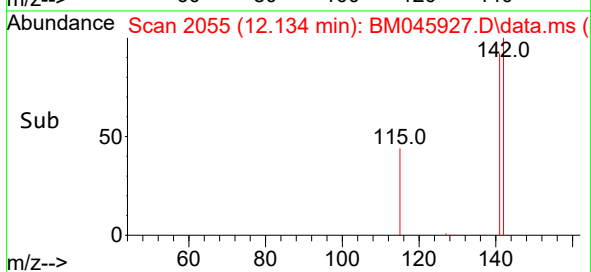
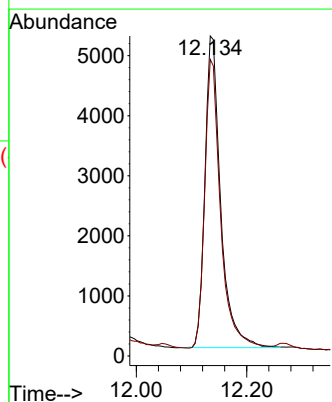
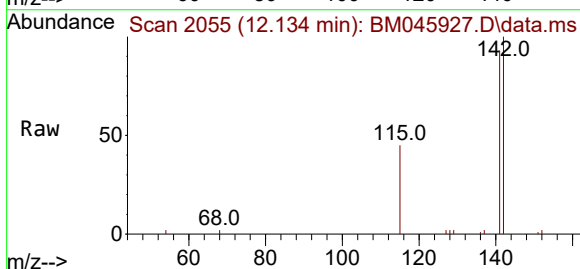
Instrument :
BNA_M
ClientSampleId :
SLCS397

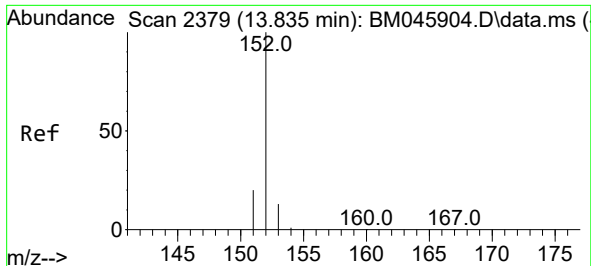
Tgt Ion:142 Resp: 10489
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.4



#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.134 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

Tgt Ion:142 Resp: 10258
Ion Ratio Lower Upper
142 100
141 93.3 73.5 110.3

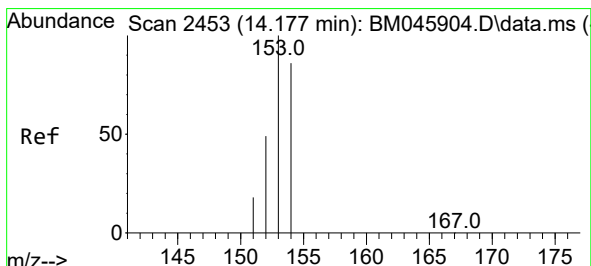
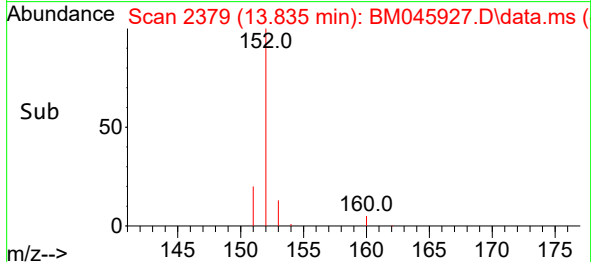
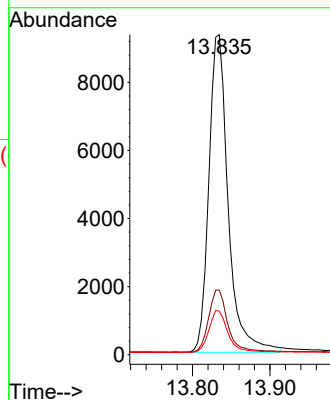
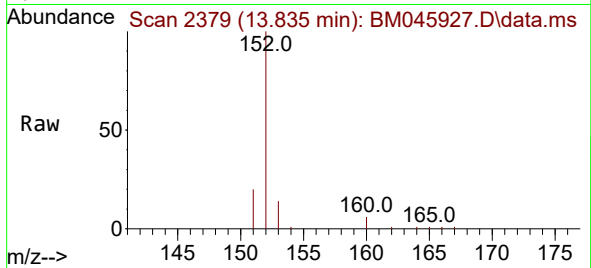




#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 13.835 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

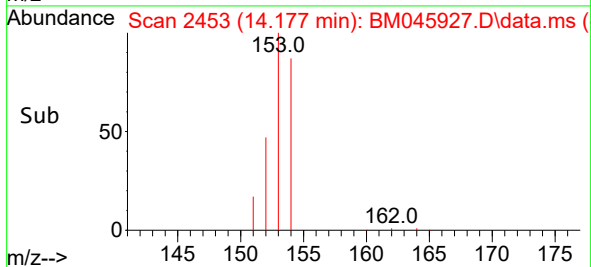
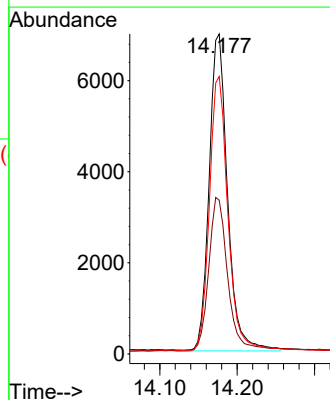
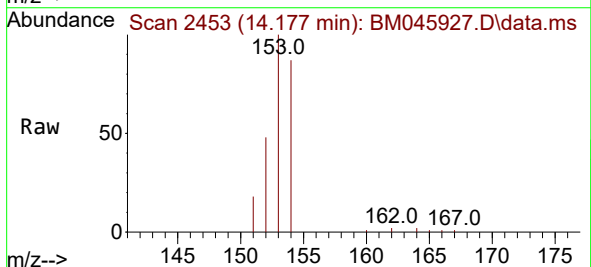
Instrument :
BNA_M
ClientSampleId :
SLCS397

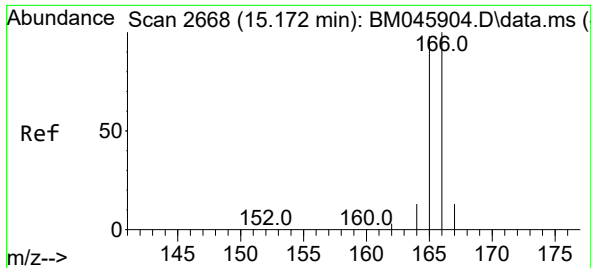
Tgt Ion:152 Resp: 16153
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

Tgt Ion:153 Resp: 11486
Ion Ratio Lower Upper
153 100
152 48.0 39.0 58.4
154 86.7 69.4 104.2

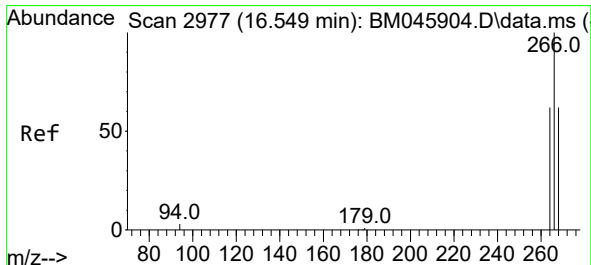
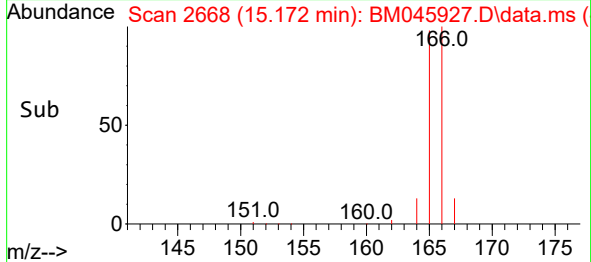
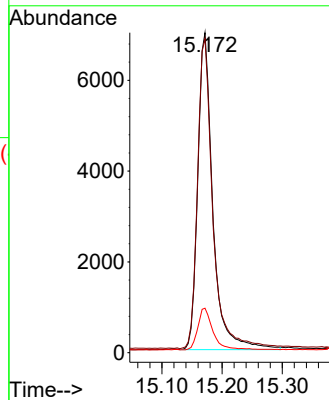
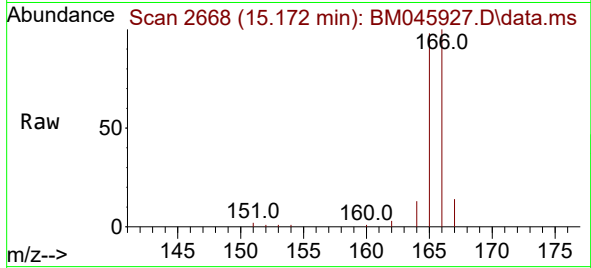




#12
Fluorene
Concen: 0.351 ng/ul
RT: 15.172 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

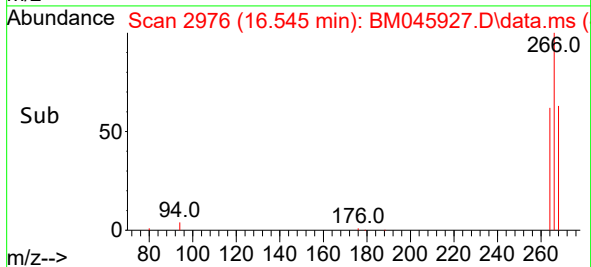
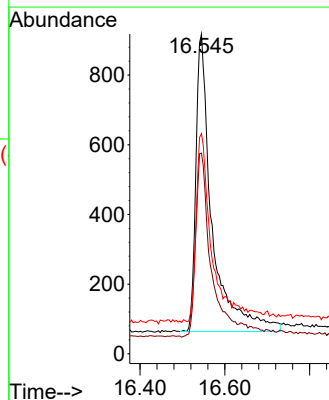
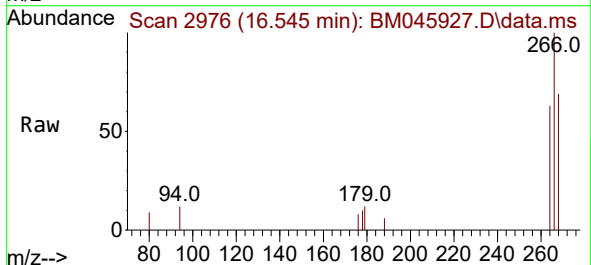
Instrument :
BNA_M
ClientSampleId :
SLCS397

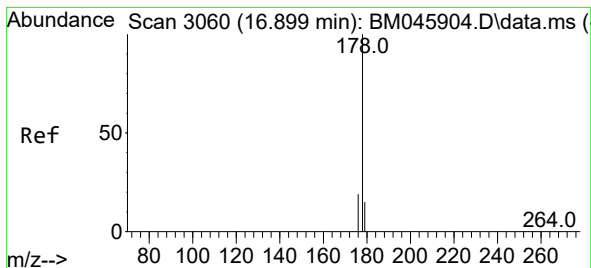
Tgt Ion:166 Resp: 12141
Ion Ratio Lower Upper
166 100
165 98.2 79.7 119.5
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.779 ng/ul
RT: 16.545 min Scan# 2976
Delta R.T. -0.009 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

Tgt Ion:266 Resp: 2267
Ion Ratio Lower Upper
266 100
264 61.4 47.9 71.9
268 62.7 50.9 76.3





#15

Phenanthrene

Concen: 0.373 ng/ul

RT: 16.899 min Scan# 3060

Delta R.T. -0.004 min

Lab File: BM045927.D

Acq: 08 Jun 2024 21:42

Instrument :

BNA_M

ClientSampleId :

SLCS397

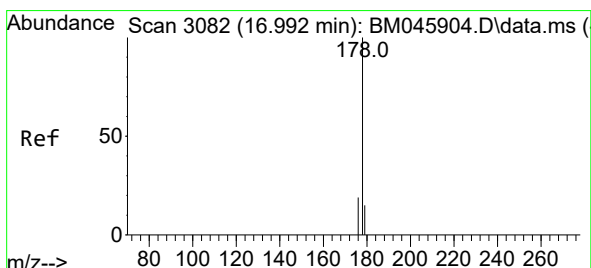
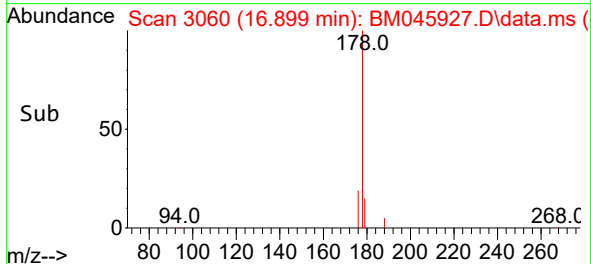
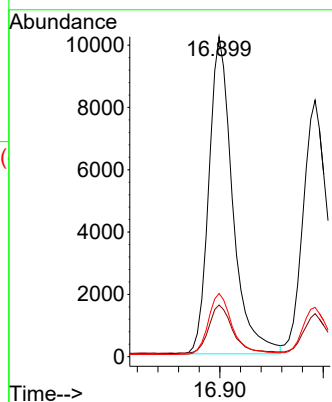
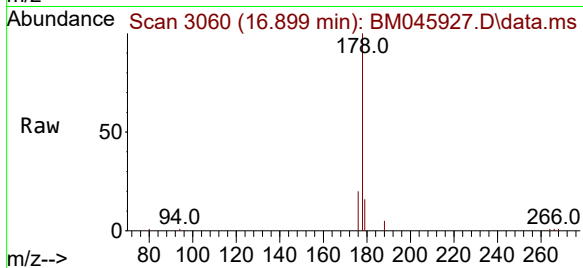
Tgt Ion:178 Resp: 16282

Ion Ratio Lower Upper

178 100

179 16.2 12.7 19.1

176 19.7 15.6 23.4



#16

Anthracene

Concen: 0.371 ng/ul

RT: 16.992 min Scan# 3082

Delta R.T. -0.004 min

Lab File: BM045927.D

Acq: 08 Jun 2024 21:42

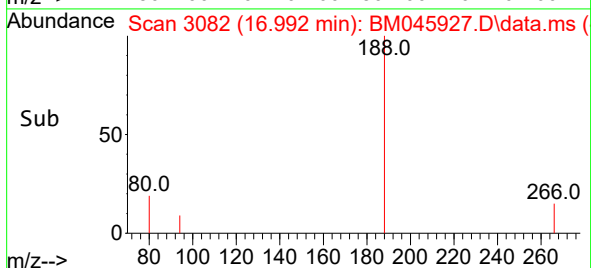
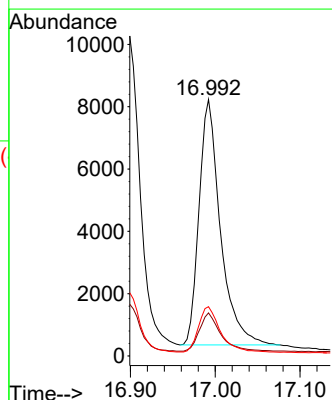
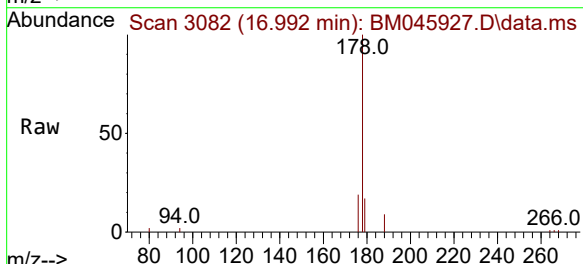
Tgt Ion:178 Resp: 13807

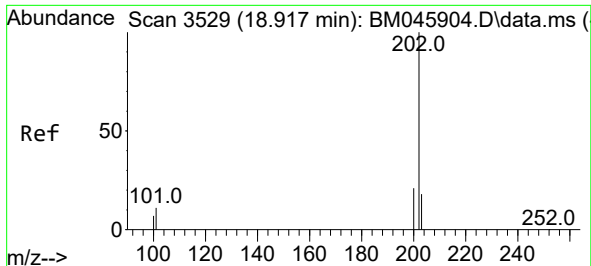
Ion Ratio Lower Upper

178 100

179 16.8 13.1 19.7

176 19.2 15.5 23.3

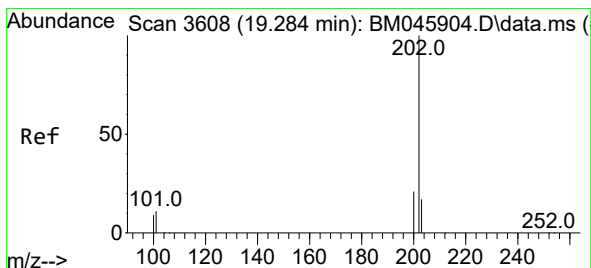
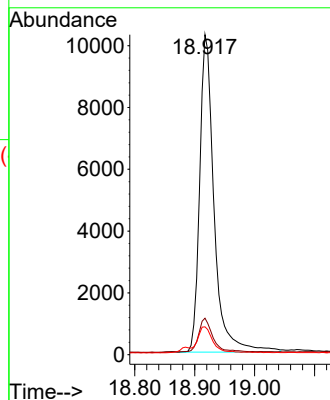
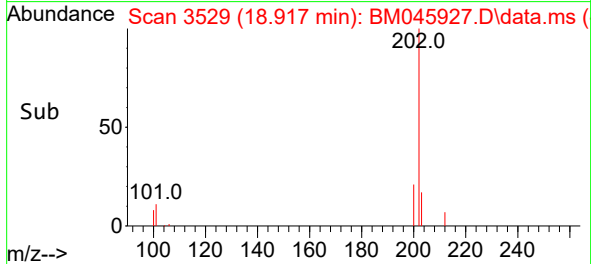
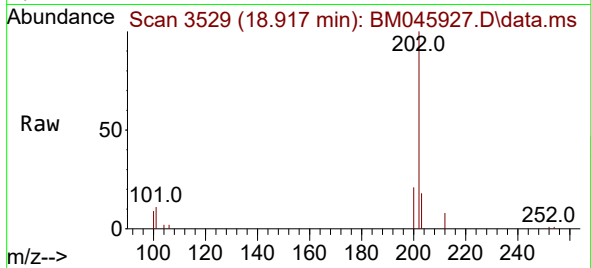




#19
Fluoranthene
Concen: 0.408 ng/ul
RT: 18.917 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

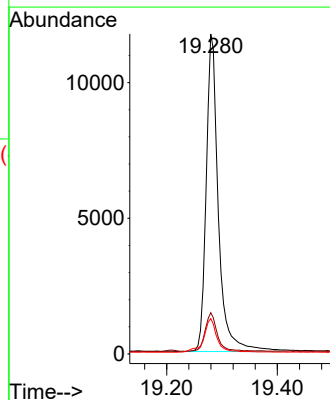
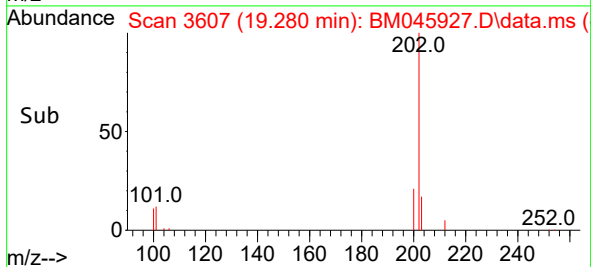
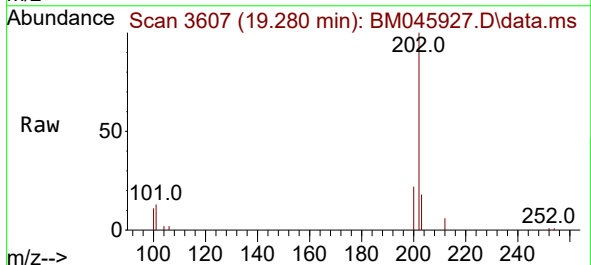
Instrument :
BNA_M
ClientSampleId :
SLCS397

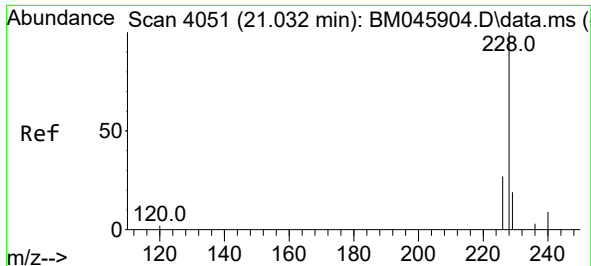
Tgt Ion:202 Resp: 17166
Ion Ratio Lower Upper
202 100
101 11.4 9.0 13.6
100 8.7 7.0 10.6



#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.280 min Scan# 3607
Delta R.T. -0.005 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

Tgt Ion:202 Resp: 17907
Ion Ratio Lower Upper
202 100
101 12.9 10.6 16.0
100 11.0 9.1 13.7

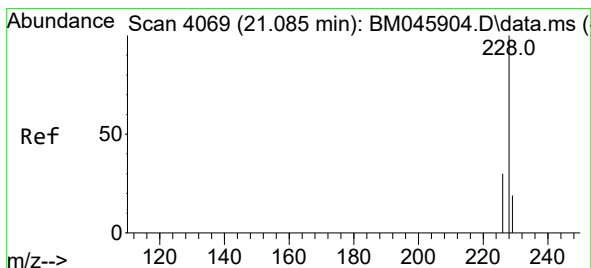
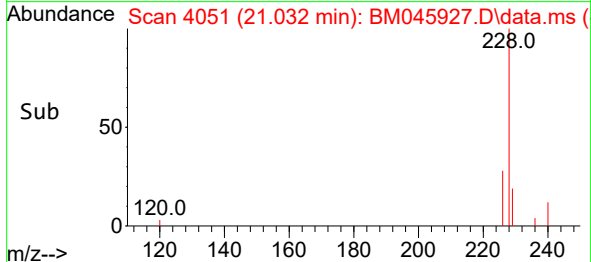
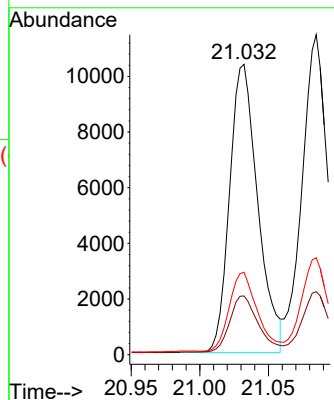
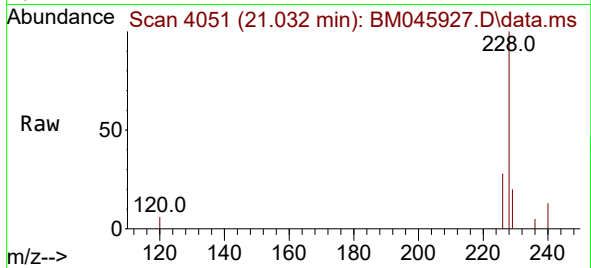




#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

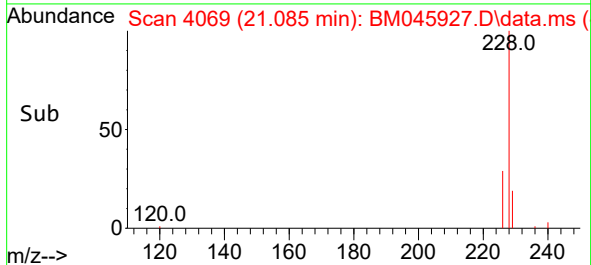
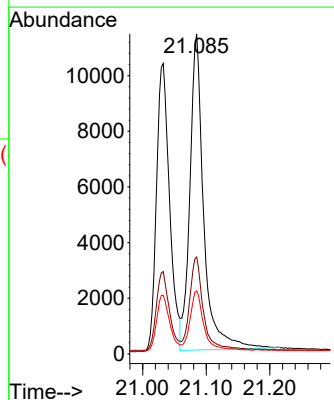
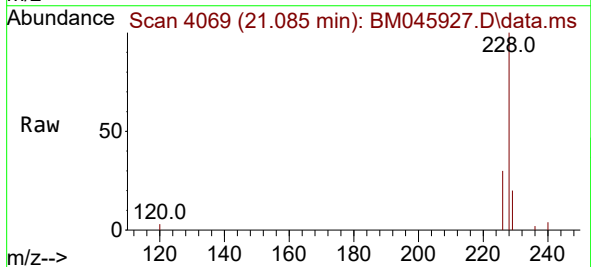
Instrument :
BNA_M
ClientSampleId :
SLCS397

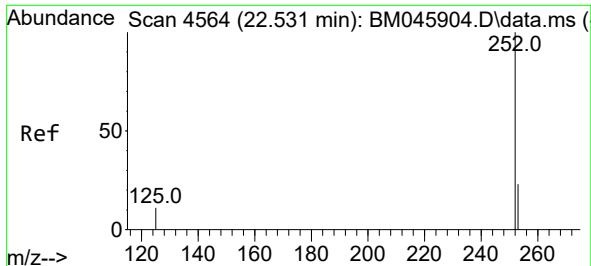
Tgt Ion:228 Resp: 14828
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 28.4 22.0 33.0



#22
Chrysene
Concen: 0.406 ng/ul
RT: 21.085 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

Tgt Ion:228 Resp: 17139
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 19.7 16.2 24.2

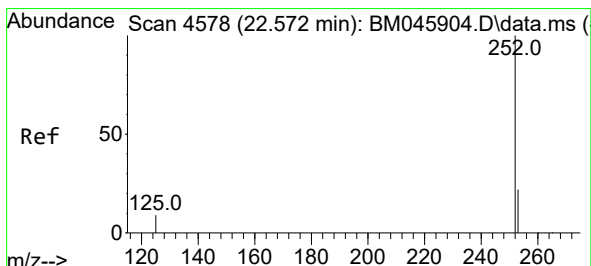
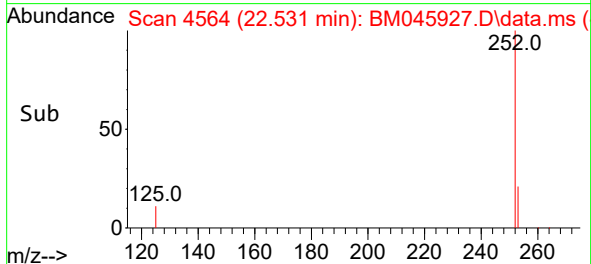
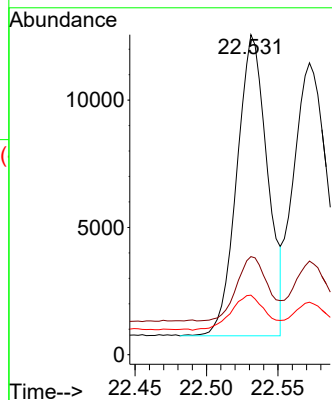
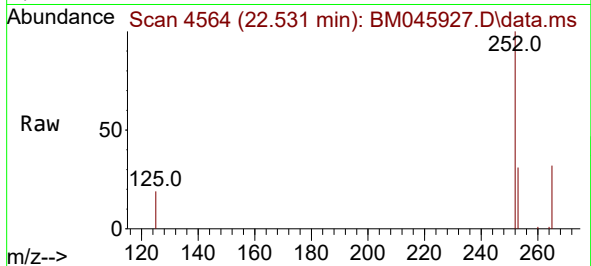




#24
Benzo(b)fluoranthene
Concen: 0.396 ng/ul
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

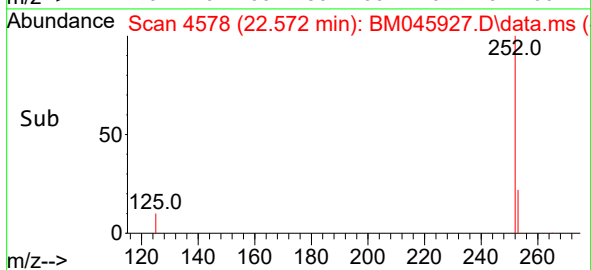
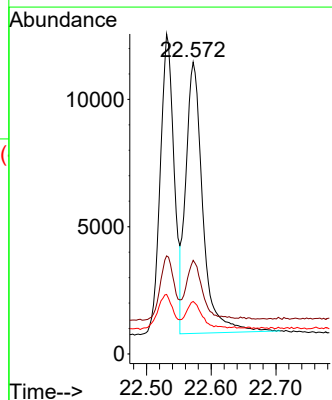
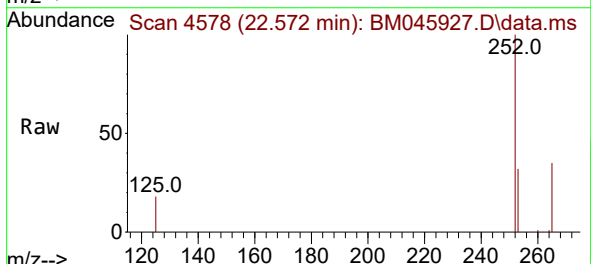
Instrument :
BNA_M
ClientSampleId :
SLCS397

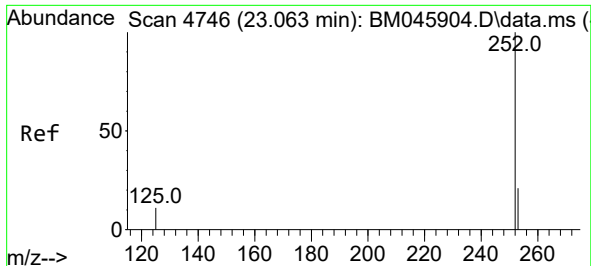
Tgt Ion:252 Resp: 17645
Ion Ratio Lower Upper
252 100
253 30.6 0.0 63.6
125 18.6 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 22.572 min Scan# 4578
Delta R.T. -0.009 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

Tgt Ion:252 Resp: 19443
Ion Ratio Lower Upper
252 100
253 32.0 25.0 37.6
125 18.0 14.2 21.2

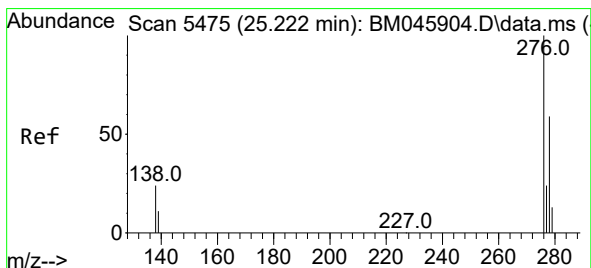
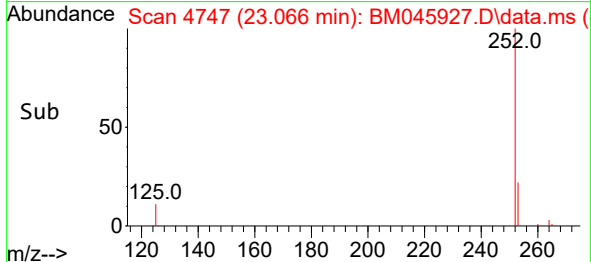
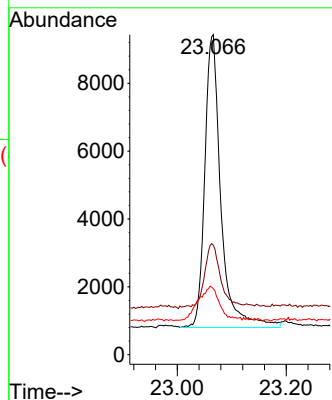
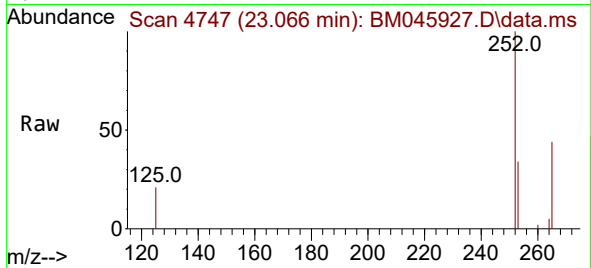




#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.066 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

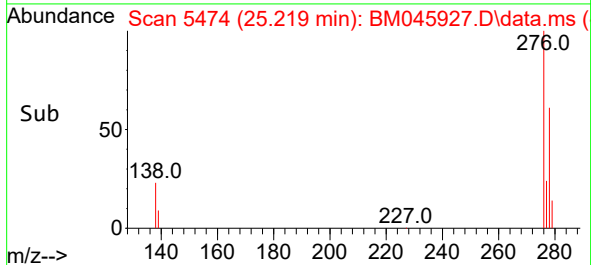
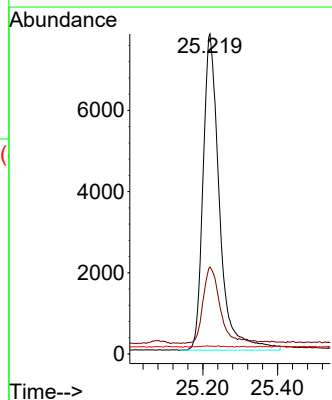
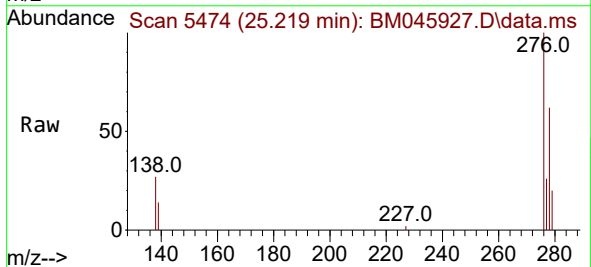
Instrument :
BNA_M
ClientSampleId :
SLCS397

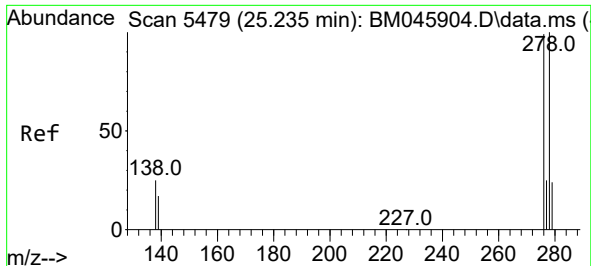
Tgt Ion:252	Resp:	17641
Ion Ratio	Lower	Upper
252	100	
253	34.2	28.8 43.2
125	20.6	17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 25.219 min Scan# 5474
Delta R.T. -0.013 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

Tgt Ion:276	Resp:	23707
Ion Ratio	Lower	Upper
276	100	
138	25.2	20.7 31.1
227	0.3	0.2 0.2#

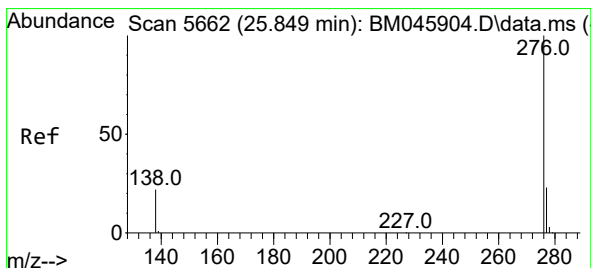
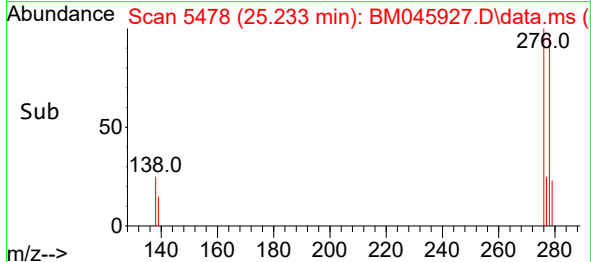
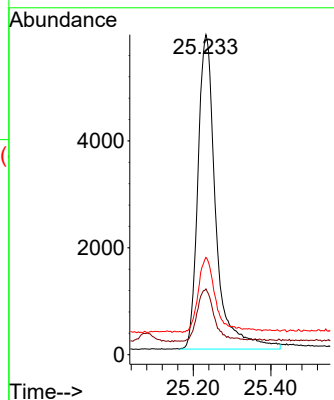
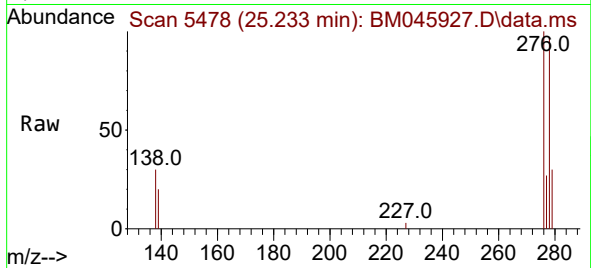




#28
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 25.233 min Scan# 5478
Delta R.T. -0.016 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

Instrument :
BNA_M
ClientSampleId :
SLCS397

Tgt Ion:278 Resp: 18795
Ion Ratio Lower Upper
278 100
139 20.5 16.6 25.0
279 30.4 24.6 37.0



#29
Benzo(g,h,i)perylene
Concen: 0.418 ng/ul
RT: 25.853 min Scan# 5663
Delta R.T. -0.010 min
Lab File: BM045927.D
Acq: 08 Jun 2024 21:42

Tgt Ion:276 Resp: 20623
Ion Ratio Lower Upper
276 100
138 24.2 21.0 31.4
277 26.0 20.5 30.7

