

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
 Data File : BM049025.D
 Acq On : 17 Dec 2024 17:02
 Operator : RC/JU
 Sample : PB165589BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS589

Quant Time: Dec 18 01:17:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 17 10:03:27 2024
 Response via : Initial Calibration

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

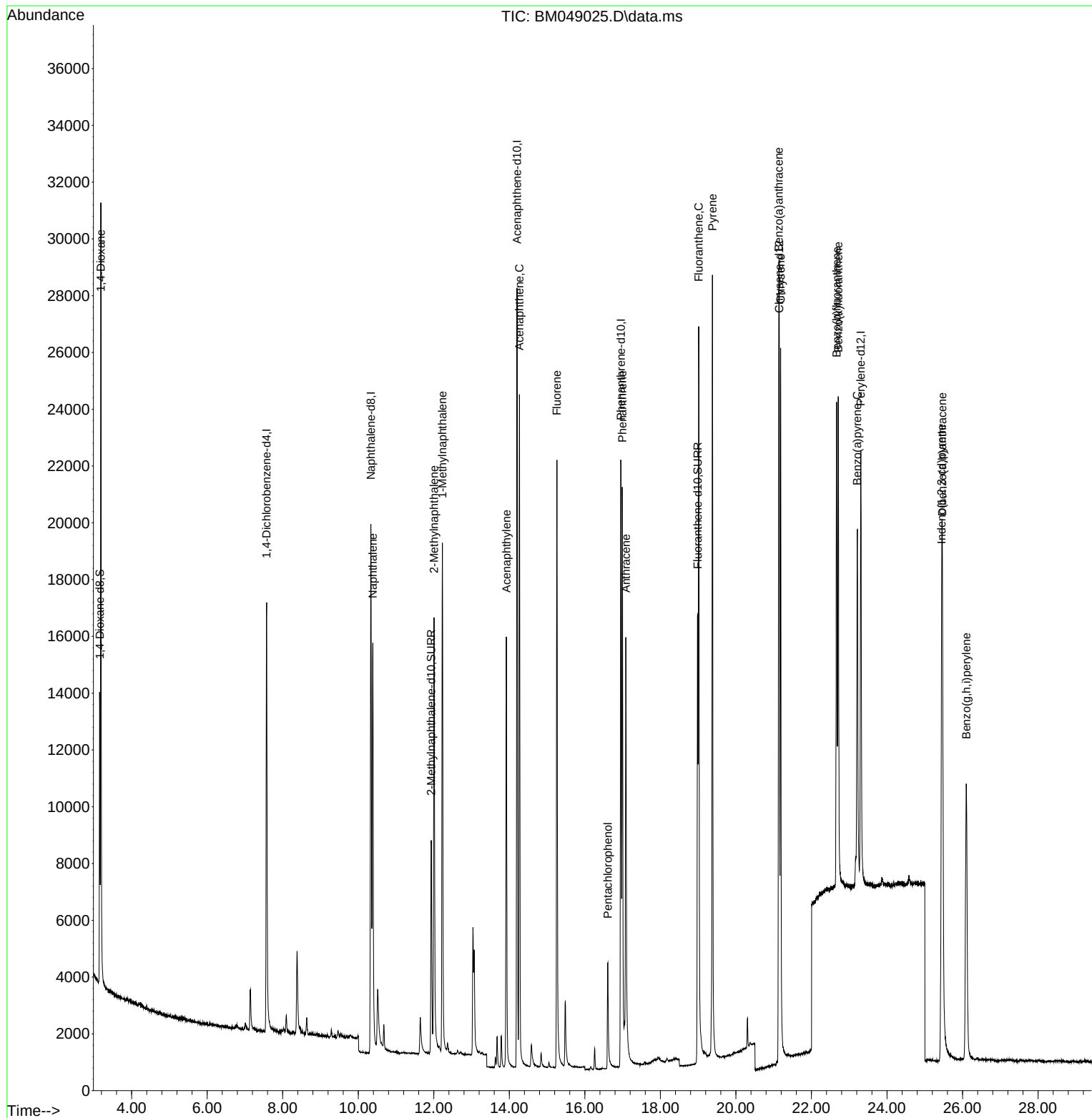
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	9239	0.400	ng/ul	0.00
4) Naphthalene-d8	10.336	136	28242	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.205	164	15790	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	29106	0.400	ng/ul #	0.00
17) Chrysene-d12	21.149	240	19851	0.400	ng/ul #	0.00
23) Perylene-d12	23.306	264	20681	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	5728	0.530	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	12284	0.341	ng/ul	0.00
18) Fluoranthene-d10	18.987	212	20451	0.345	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.185	88	16510	1.321	ng/ul#	81
5) Naphthalene	10.385	128	21054	0.291	ng/ul	100
7) 2-Methylnaphthalene	12.008	142	13277	0.300	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	13667	0.303	ng/ul	100
10) Acenaphthylene	13.922	152	18887	0.283	ng/ul	98
11) Acenaphthene	14.265	153	14194	0.281	ng/ul	98
12) Fluorene	15.259	166	15336	0.274	ng/ul	99
14) Pentachlorophenol	16.608	266	3364	0.561	ng/ul	94
15) Phenanthrene	16.992	178	22609	0.283	ng/ul	100
16) Anthracene	17.085	178	20738	0.292	ng/ul	99
19) Fluoranthene	19.015	202	25046	0.304	ng/ul	95
20) Pyrene	19.377	202	26014	0.293	ng/ul	96
21) Benzo(a)anthracene	21.134	228	21159	0.303	ng/ul	98
22) Chrysene	21.184	228	23466	0.297	ng/ul	100
24) Benzo(b)fluoranthene	22.666	252	21127	0.296	ng/ul	97
25) Benzo(k)fluoranthene	22.709	252	22982	0.278	ng/ul#	94
26) Benzo(a)pyrene	23.212	252	19769	0.299	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.447	276	26292	0.283	ng/ul#	48
28) Dibenzo(a,h)anthracene	25.467	278	20427	0.283	ng/ul	95
29) Benzo(g,h,i)perylene	26.098	276	21158	0.283	ng/ul	96

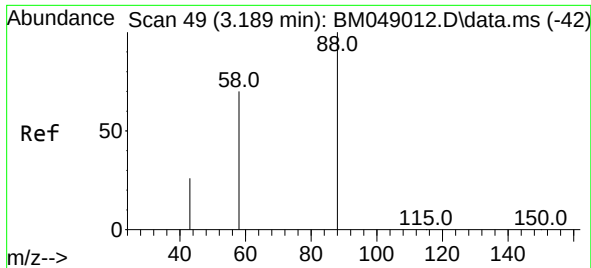
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049025.D
Acq On : 17 Dec 2024 17:02
Operator : RC/JU
Sample : PB165589BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS589

Quant Time: Dec 18 01:17:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration





#2
1,4-Dioxane

Concen: 1.321 ng/ul

RT: 3.185 min Scan# 49

Delta R.T. -0.004 min

Lab File: BM049025.D

Acq: 17 Dec 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SLCS589

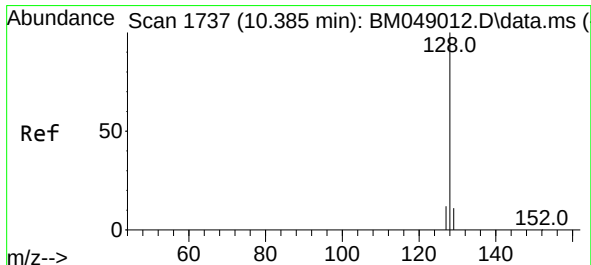
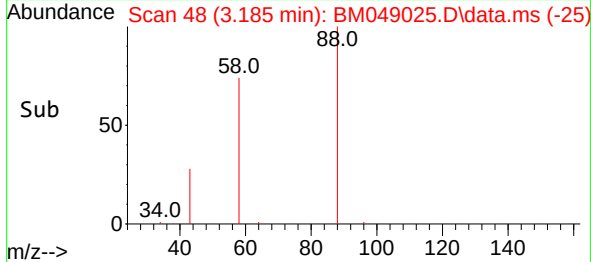
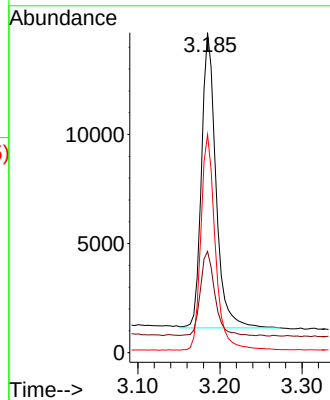
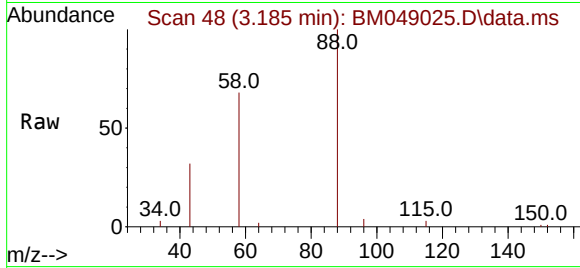
Tgt Ion: 88 Resp: 16510

Ion Ratio Lower Upper

88 100

43 31.7 32.3 48.5#

58 68.2 42.0 63.0#



#5

Naphthalene

Concen: 0.291 ng/ul

RT: 10.385 min Scan# 1737

Delta R.T. -0.000 min

Lab File: BM049025.D

Acq: 17 Dec 2024 17:02

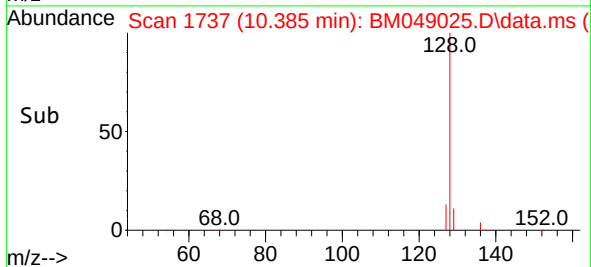
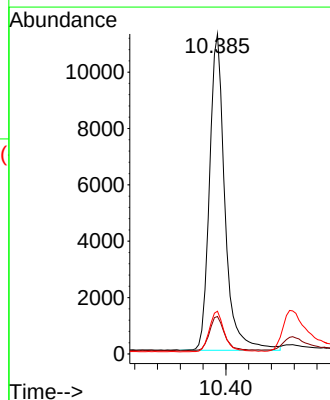
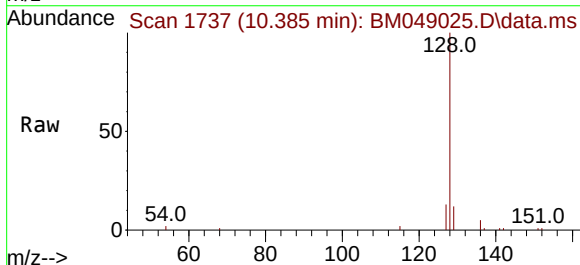
Tgt Ion: 128 Resp: 21054

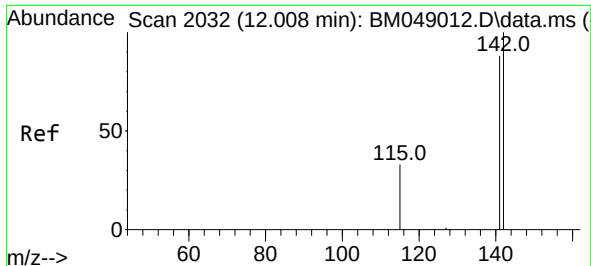
Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

127 13.4 10.6 16.0

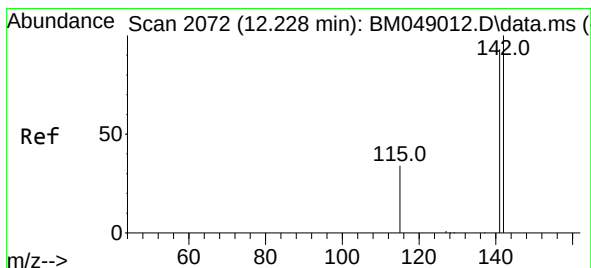
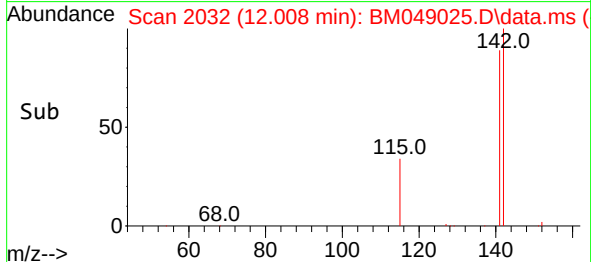
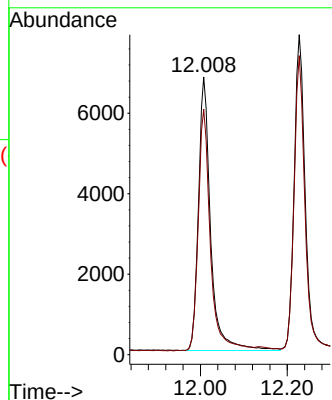
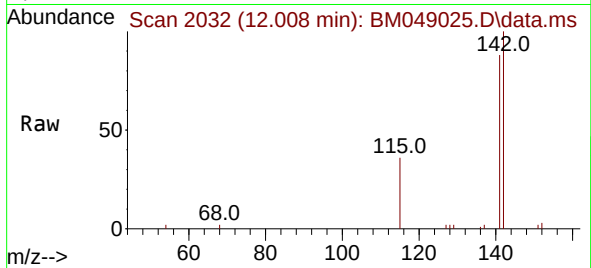




#7
2-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.008 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

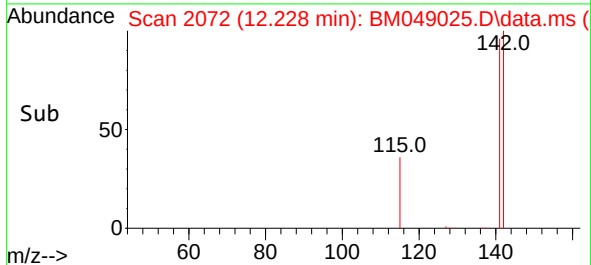
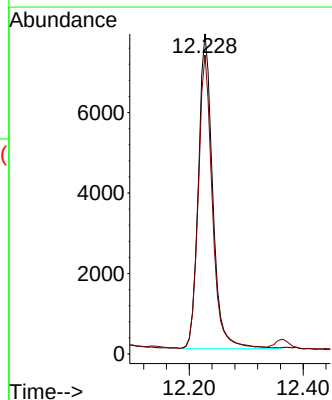
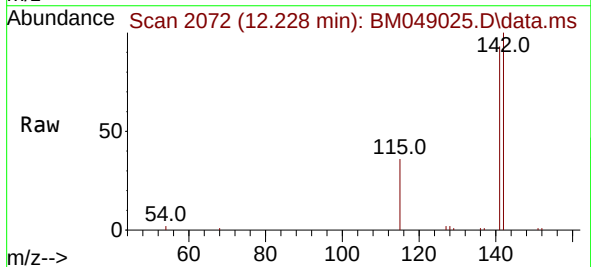
Instrument :
BNA_M
ClientSampleId :
SLCS589

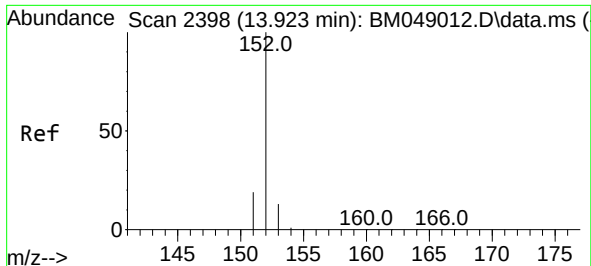
Tgt Ion:142 Resp: 13277
Ion Ratio Lower Upper
142 100
141 89.5 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.228 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

Tgt Ion:142 Resp: 13667
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2

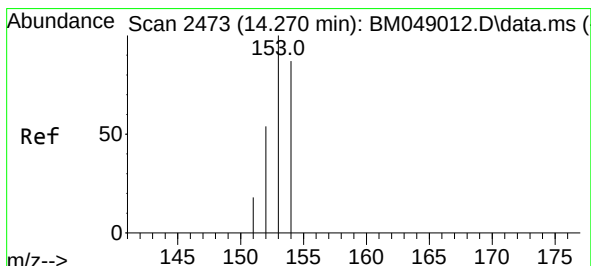
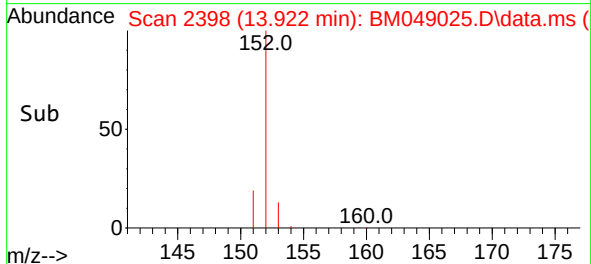
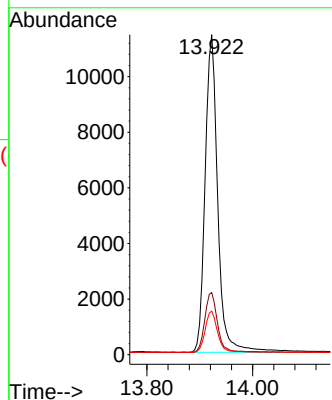
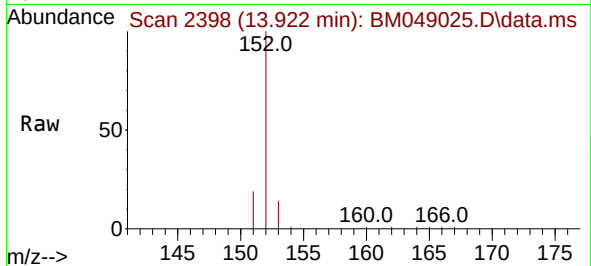




#10
Acenaphthylene
Concen: 0.283 ng/ul
RT: 13.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

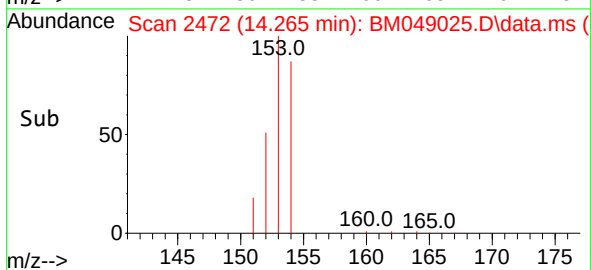
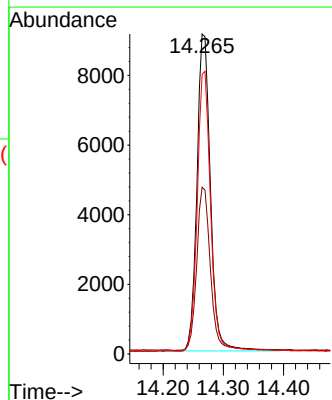
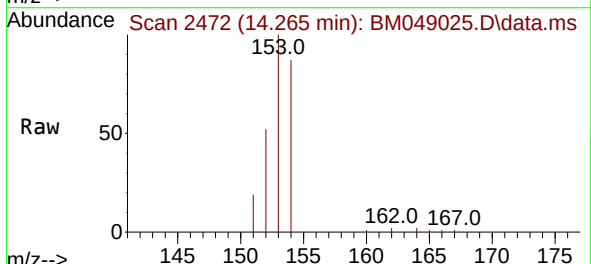
Instrument :
BNA_M
ClientSampleId :
SLCS589

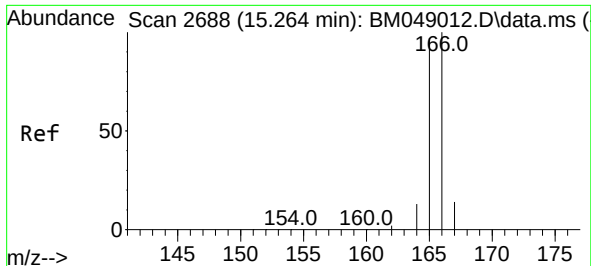
Tgt Ion:152 Resp: 18887
Ion Ratio Lower Upper
152 100
151 19.4 16.3 24.5
153 13.6 11.2 16.8



#11
Acenaphthene
Concen: 0.281 ng/ul
RT: 14.265 min Scan# 2472
Delta R.T. -0.005 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

Tgt Ion:153 Resp: 14194
Ion Ratio Lower Upper
153 100
152 52.1 43.5 65.3
154 87.4 69.5 104.3

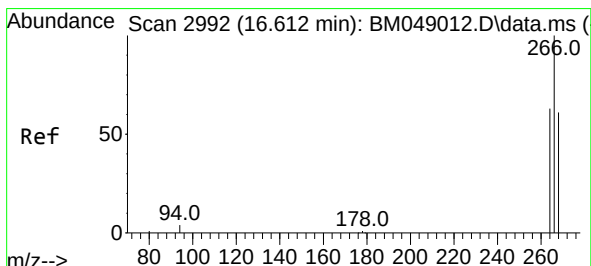
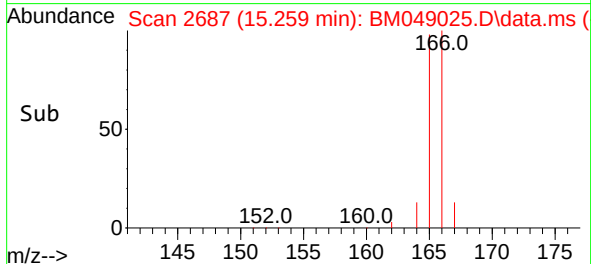
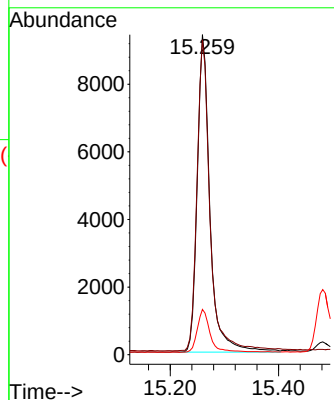
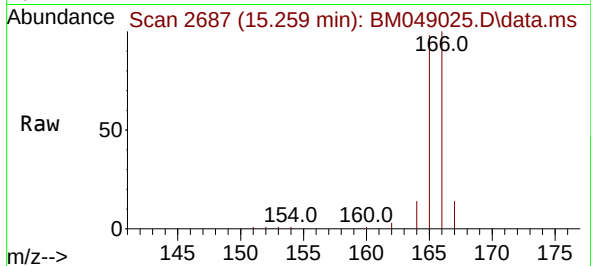




#12
 Fluorene
 Concen: 0.274 ng/ul
 RT: 15.259 min Scan# 2091
 Delta R.T. -0.005 min
 Lab File: BM049025.D
 Acq: 17 Dec 2024 17:02

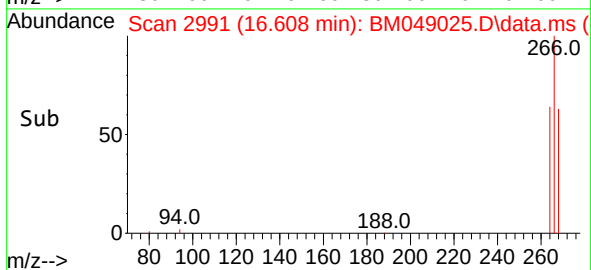
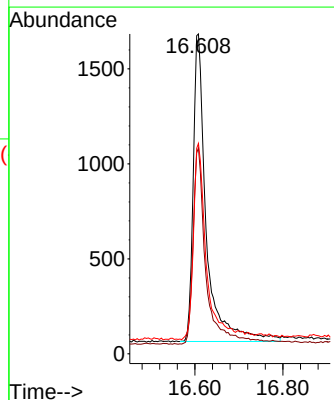
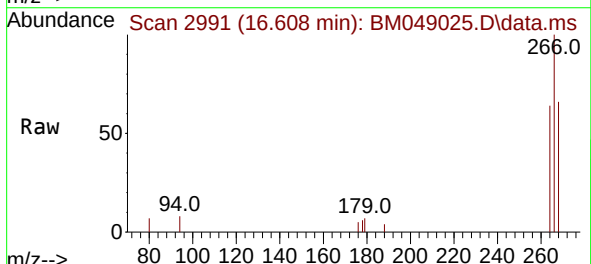
Instrument :
 BNA_M
 ClientSampleId :
 SLCS589

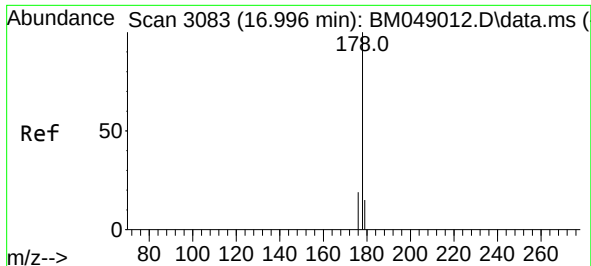
Tgt Ion:	166	Resp:	15336
Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.1	117.1
167	14.2	11.6	17.4



#14
 Pentachlorophenol
 Concen: 0.561 ng/ul
 RT: 16.608 min Scan# 2991
 Delta R.T. -0.004 min
 Lab File: BM049025.D
 Acq: 17 Dec 2024 17:02

Tgt Ion:	266	Resp:	3364
Ion	Ratio	Lower	Upper
266	100		
264	63.6	47.9	71.9
268	63.9	55.0	82.6

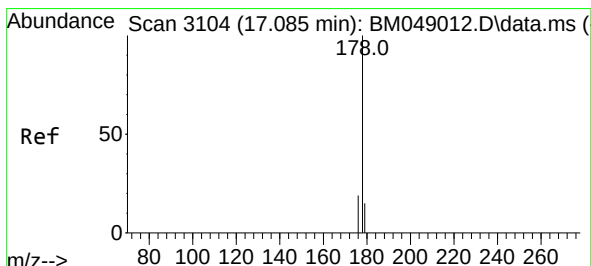
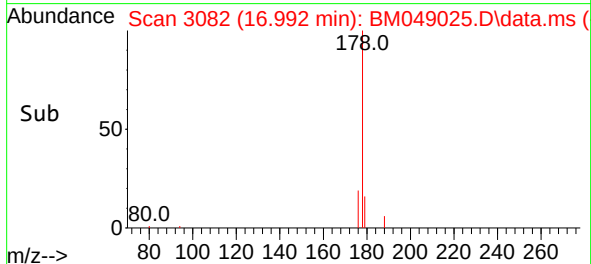
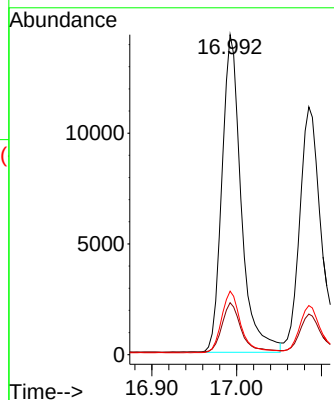
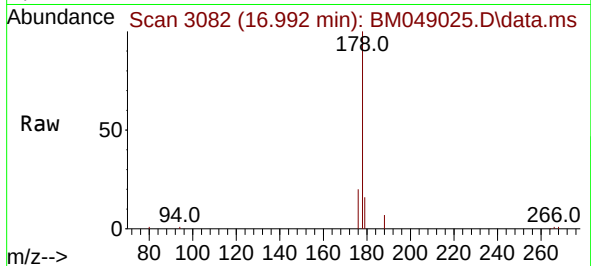




#15
Phenanthrene
Concen: 0.283 ng/u1
RT: 16.992 min Scan# 3082
Delta R.T. -0.004 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

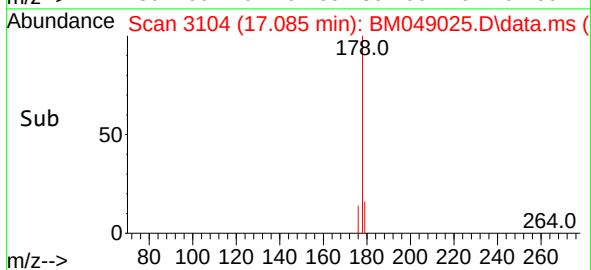
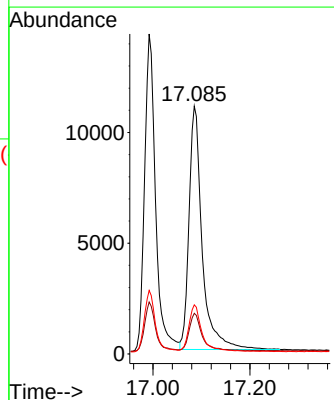
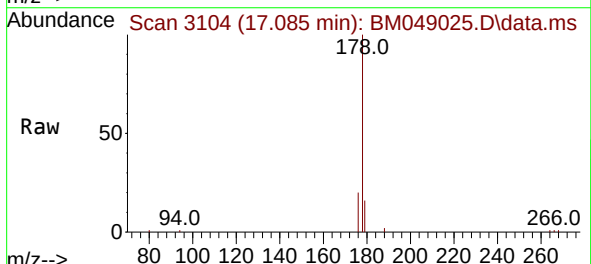
Instrument :
BNA_M
ClientSampleId :
SLCS589

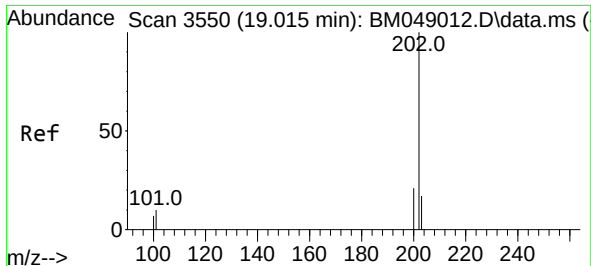
Tgt Ion:178 Resp: 22609
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 19.9 15.8 23.8



#16
Anthracene
Concen: 0.292 ng/u1
RT: 17.085 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

Tgt Ion:178 Resp: 20738
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 19.8 15.0 22.6

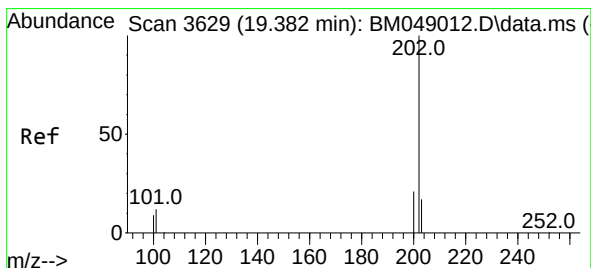
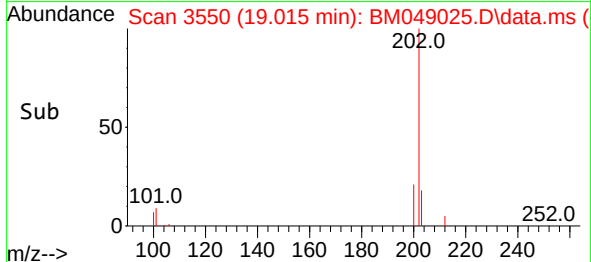
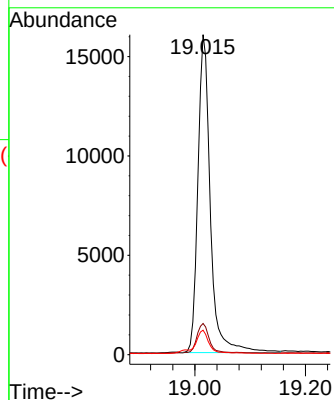
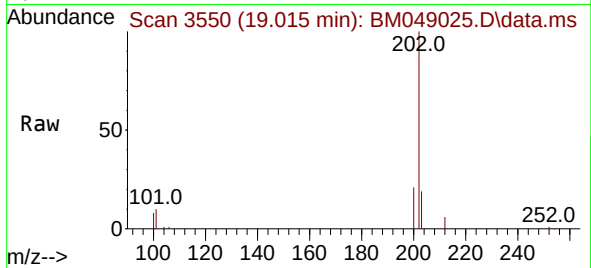




#19
Fluoranthene
Concen: 0.304 ng/u1
RT: 19.015 min Scan# 3550
Delta R.T. -0.000 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

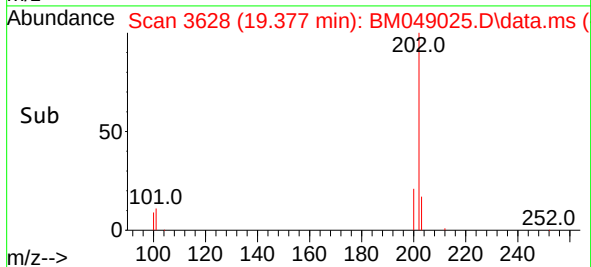
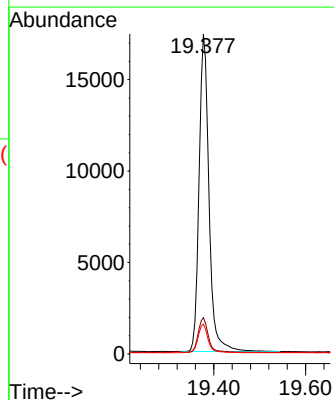
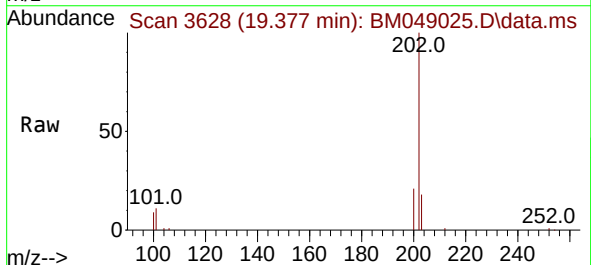
Instrument :
BNA_M
ClientSampleId :
SLCS589

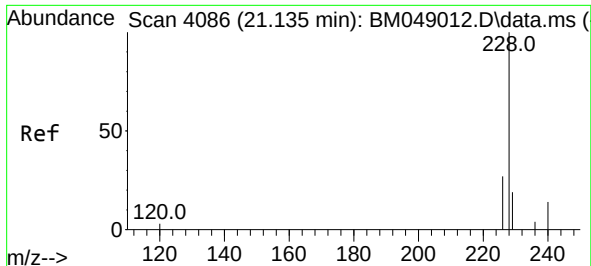
Tgt Ion:202 Resp: 25046
Ion Ratio Lower Upper
202 100
101 9.8 9.7 14.5
100 7.7 7.3 10.9



#20
Pyrene
Concen: 0.293 ng/u1
RT: 19.377 min Scan# 3628
Delta R.T. -0.005 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

Tgt Ion:202 Resp: 26014
Ion Ratio Lower Upper
202 100
101 11.4 10.6 16.0
100 9.4 8.4 12.6

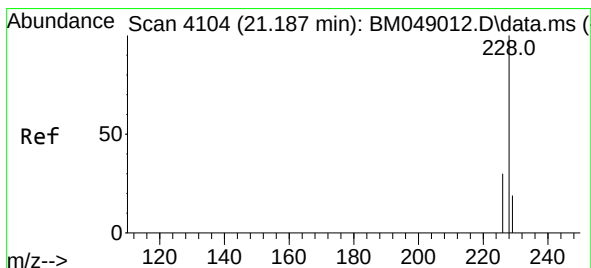
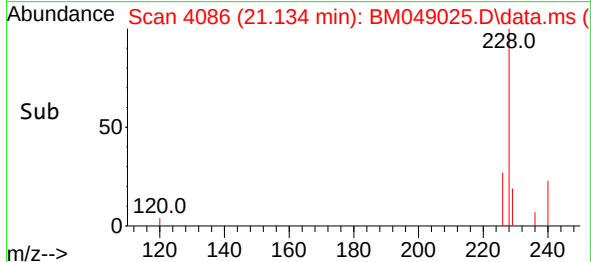
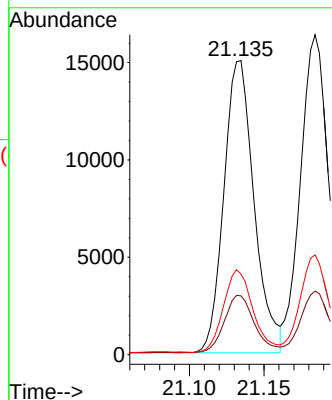
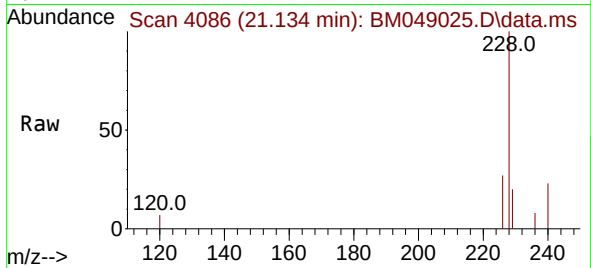




#21
Benzo(a)anthracene
Concen: 0.303 ng/ul
RT: 21.134 min Scan# 4086
Delta R.T. -0.000 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

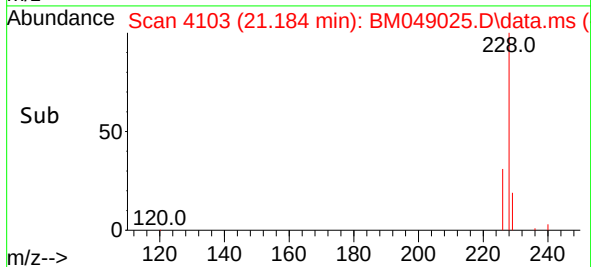
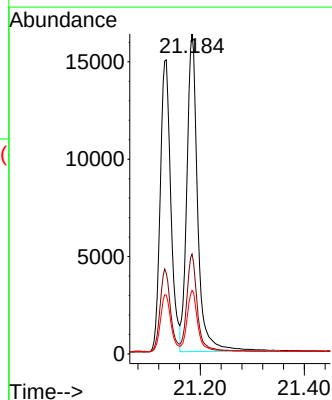
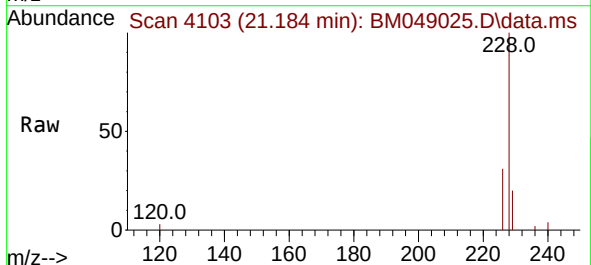
Instrument :
BNA_M
ClientSampleId :
SLCS589

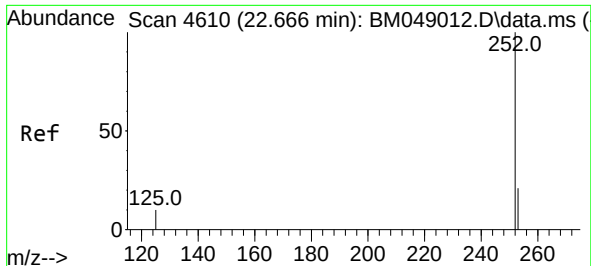
Tgt Ion:228 Resp: 21159
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.4 23.0 34.4



#22
Chrysene
Concen: 0.297 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. -0.003 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

Tgt Ion:228 Resp: 23466
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 19.8 16.0 24.0

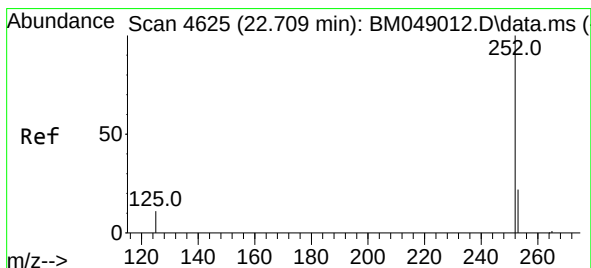
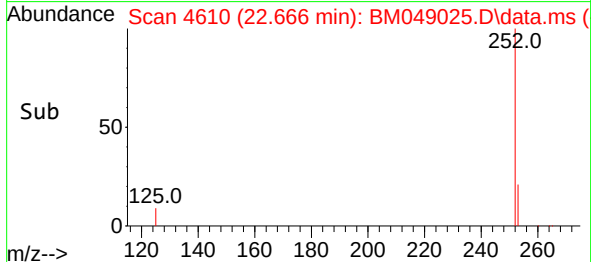
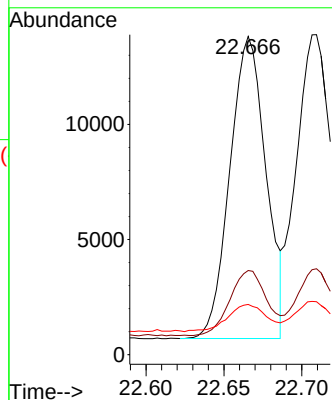
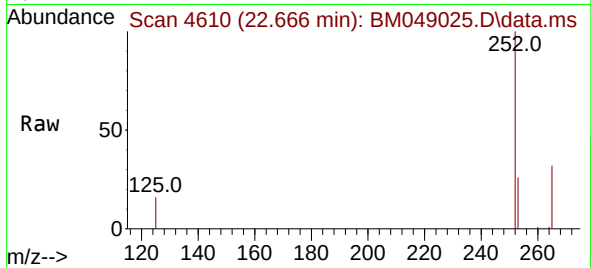




#24
Benzo(b)fluoranthene
Concen: 0.296 ng/ul
RT: 22.666 min Scan# 4610
Delta R.T. -0.000 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

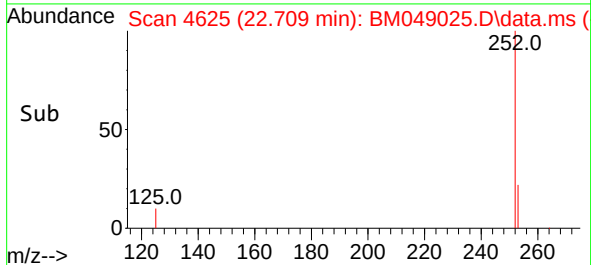
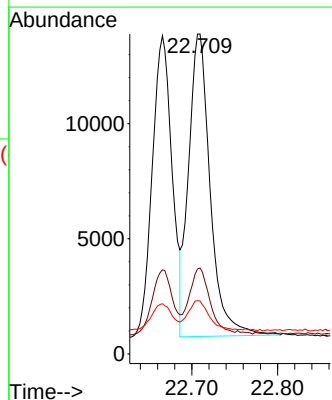
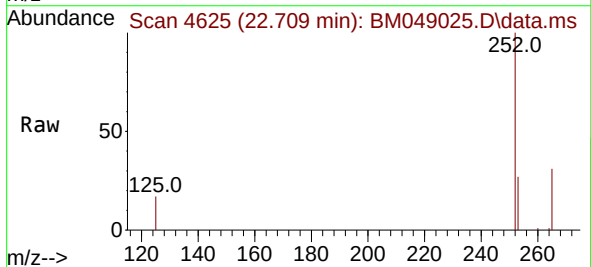
Instrument :
BNA_M
ClientSampleId :
SLCS589

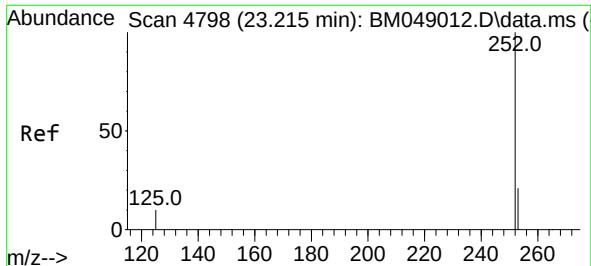
Tgt Ion:252 Resp: 21127
Ion Ratio Lower Upper
252 100
253 26.4 0.0 51.0
125 15.8 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.278 ng/ul
RT: 22.709 min Scan# 4625
Delta R.T. -0.000 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

Tgt Ion:252 Resp: 22982
Ion Ratio Lower Upper
252 100
253 26.9 20.5 30.7
125 16.5 17.3 25.9#

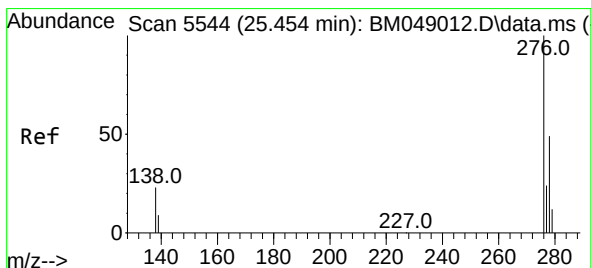
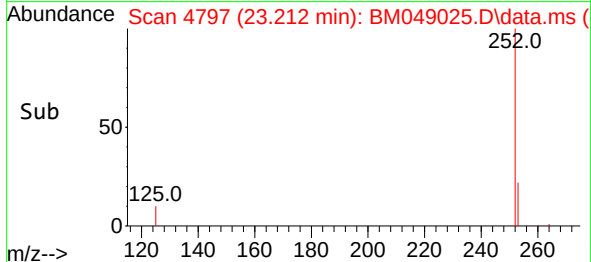
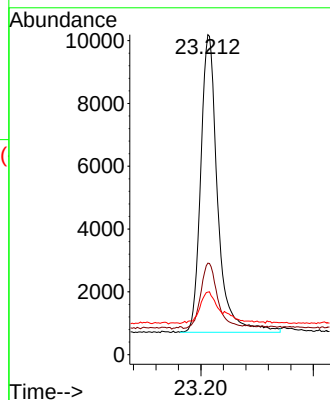
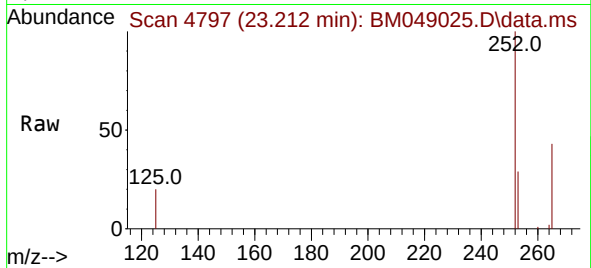




#26
Benzo(a)pyrene
Concen: 0.299 ng/ul
RT: 23.212 min Scan# 4798
Delta R.T. -0.003 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

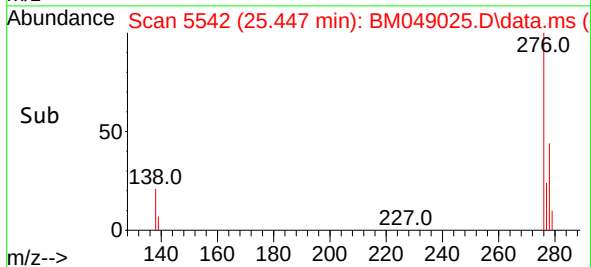
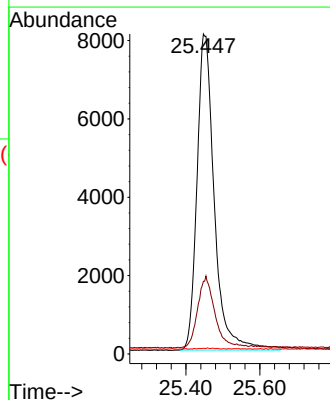
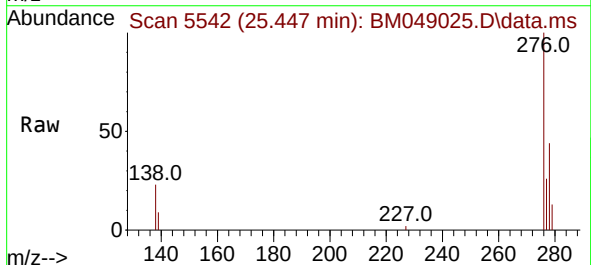
Instrument :
BNA_M
ClientSampleId :
SLCS589

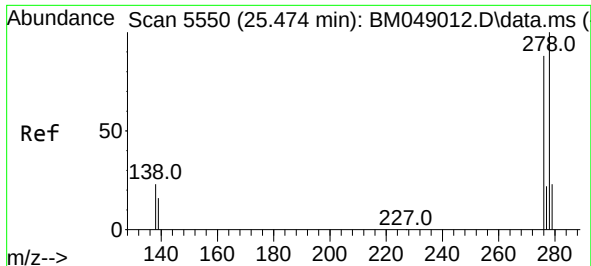
Tgt Ion:252	Resp:	19769
Ion Ratio	Lower	Upper
252	100	
253	28.6	21.8 32.8
125	19.5	18.6 27.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng/ul
RT: 25.447 min Scan# 5542
Delta R.T. -0.007 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

Tgt Ion:276	Resp:	26292
Ion Ratio	Lower	Upper
276	100	
138	0.0	22.1 33.1#
227	0.1	0.2 0.2#

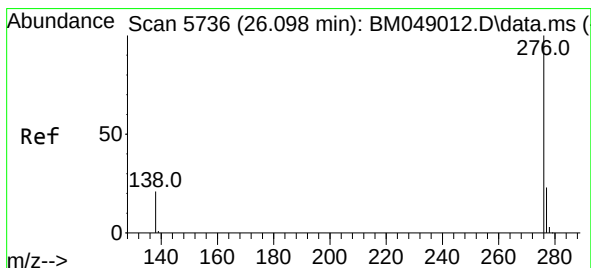
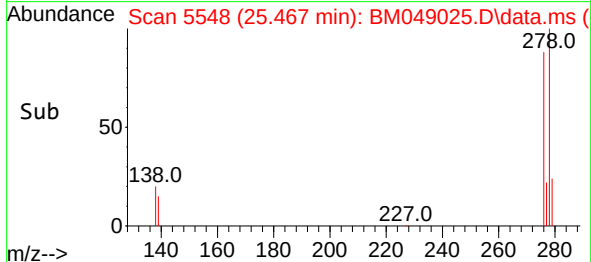
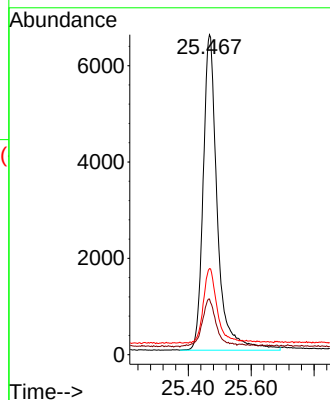
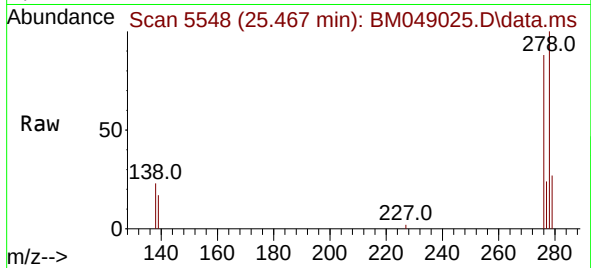




#28
Dibenzo(a,h)anthracene
Concen: 0.283 ng/ul
RT: 25.467 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

Instrument :
BNA_M
ClientSampleId :
SLCS589

Tgt Ion:278 Resp: 20427
Ion Ratio Lower Upper
278 100
139 17.4 17.4 26.0
279 26.9 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.283 ng/ul
RT: 26.098 min Scan# 5736
Delta R.T. -0.000 min
Lab File: BM049025.D
Acq: 17 Dec 2024 17:02

Tgt Ion:276 Resp: 21158
Ion Ratio Lower Upper
276 100
138 21.6 19.8 29.6
277 25.3 19.6 29.4

