

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049257.D
 Acq On : 27 Dec 2024 16:27
 Operator : RC/JU
 Sample : PB165797BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS797

Quant Time: Dec 27 22:12:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

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

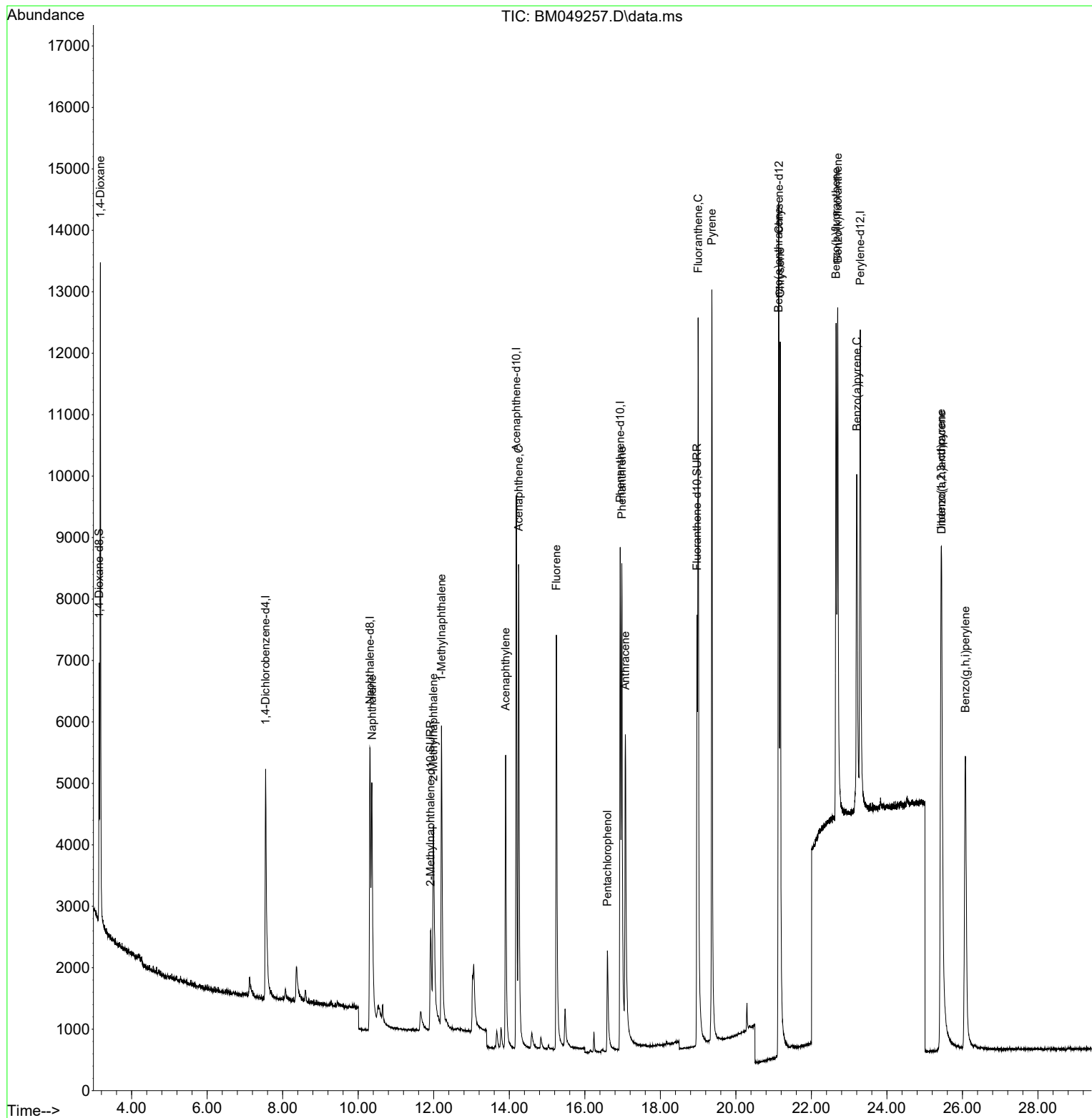
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	3192	0.400	ng/ul	0.00
4) Naphthalene-d8	10.314	136	10025	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.186	164	6437	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	14304	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	10803	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	11640	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	2309	0.627	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	4488	0.333	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	10737	0.350	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.172	88	6513	1.514	ng/ul#	76
5) Naphthalene	10.363	128	7602	0.303	ng/ul	97
7) 2-Methylnaphthalene	11.991	142	4762	0.300	ng/ul	100
8) 1-Methylnaphthalene	12.205	142	5099	0.313	ng/ul	99
10) Acenaphthylene	13.904	152	7550	0.283	ng/ul	98
11) Acenaphthene	14.251	153	5788	0.297	ng/ul	99
12) Fluorene	15.246	166	6596	0.300	ng/ul	97
14) Pentachlorophenol	16.599	266	1866	0.472	ng/ul	96
15) Phenanthrene	16.979	178	10170	0.272	ng/ul	100
16) Anthracene	17.072	178	9159	0.267	ng/ul	96
19) Fluoranthene	19.001	202	12640	0.324	ng/ul	98
20) Pyrene	19.363	202	13262	0.318	ng/ul	99
21) Benzo(a)anthracene	21.126	228	9623	0.256	ng/ul	100
22) Chrysene	21.172	228	12805	0.318	ng/ul	99
24) Benzo(b)fluoranthene	22.654	252	11286	0.303	ng/ul	97
25) Benzo(k)fluoranthene	22.698	252	12839	0.315	ng/ul	98
26) Benzo(a)pyrene	23.203	252	10468	0.294	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.433	276	14104	0.279	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.450	278	10674	0.272	ng/ul	96
29) Benzo(g,h,i)perylene	26.081	276	12005	0.296	ng/ul	99

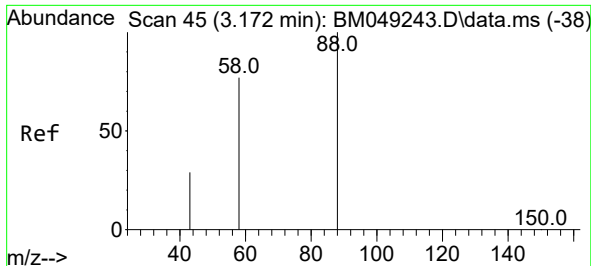
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 27 22:12:50 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

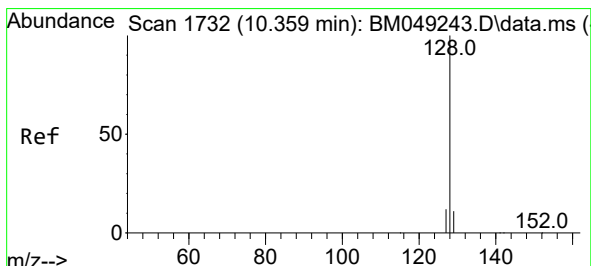
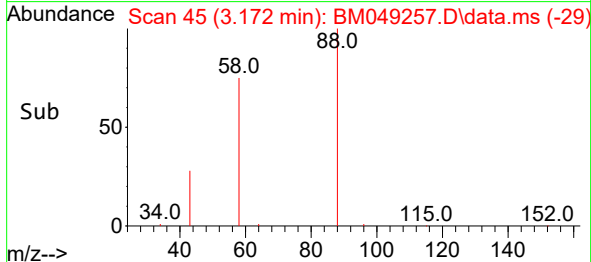
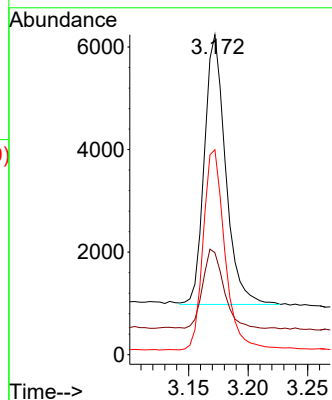
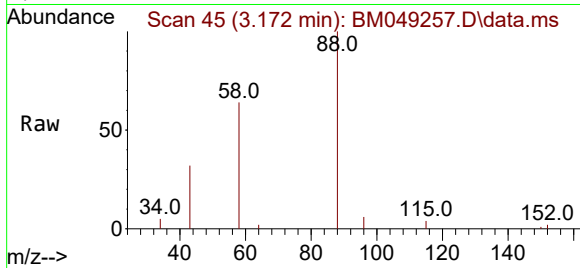




#2
1,4-Dioxane
Concen: 1.514 ng/ul
RT: 3.172 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

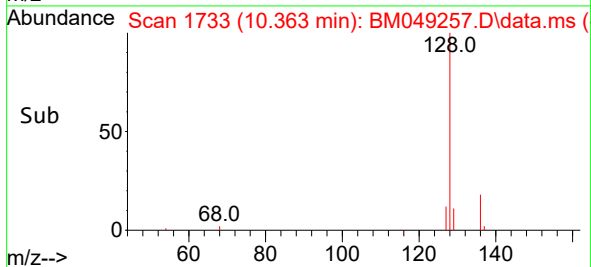
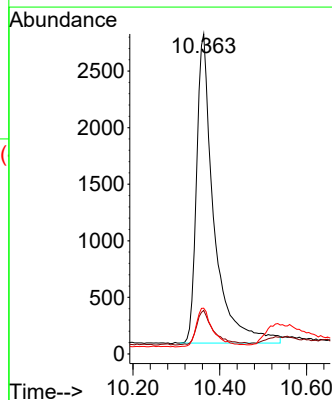
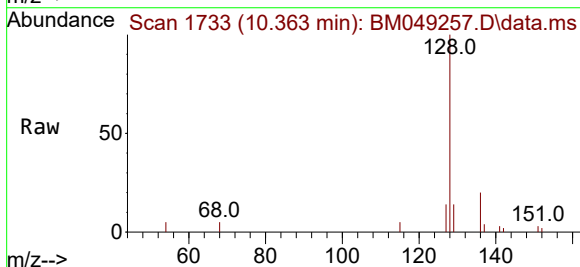
Instrument :
BNA_M
ClientSampleId :
SLCS797

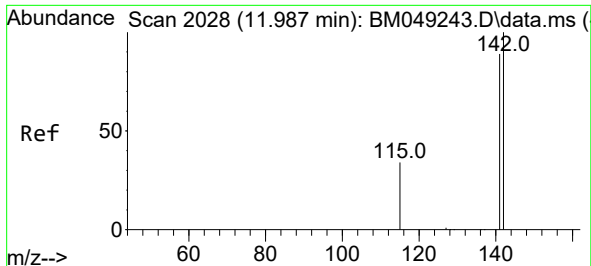
Tgt Ion: 88 Resp: 6513
Ion Ratio Lower Upper
88 100
43 31.9 45.4 68.2#
58 64.1 43.6 65.4



#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.363 min Scan# 1733
Delta R.T. 0.005 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

Tgt Ion: 128 Resp: 7602
Ion Ratio Lower Upper
128 100
129 13.6 9.7 14.5
127 14.3 10.6 16.0

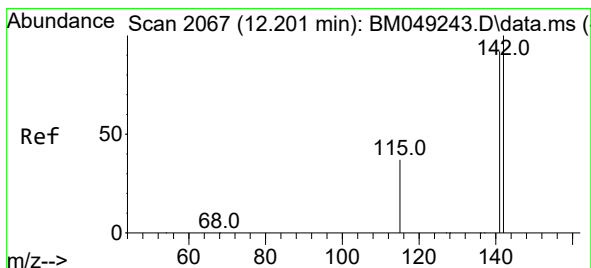
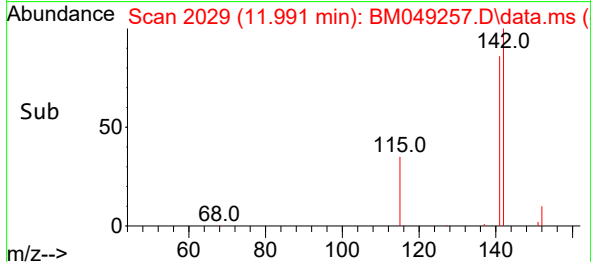
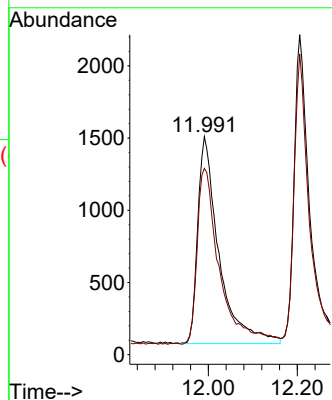
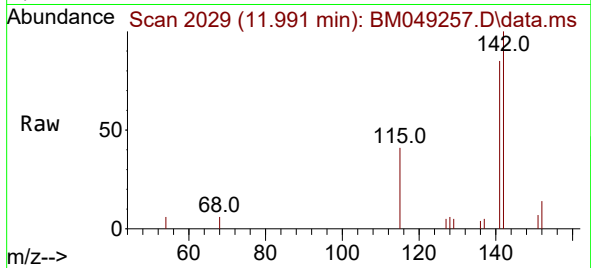




#7
2-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 11.991 min Scan# 2028
Delta R.T. 0.011 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

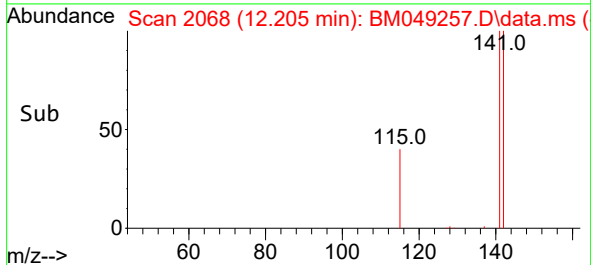
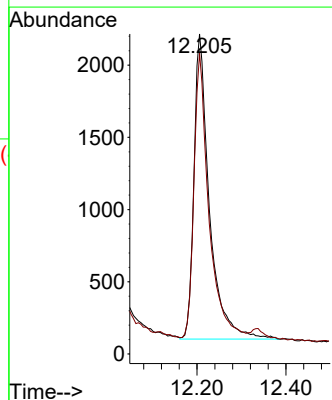
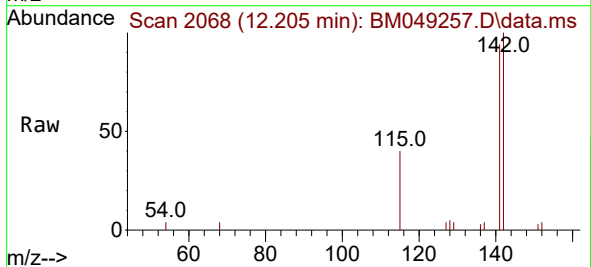
Instrument :
BNA_M
ClientSampleId :
SLCS797

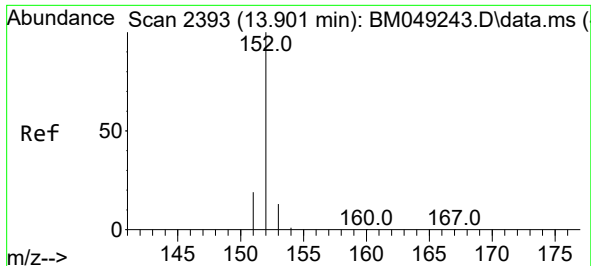
Tgt Ion:142 Resp: 4762
Ion Ratio Lower Upper
142 100
141 90.0 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.205 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

Tgt Ion:142 Resp: 5099
Ion Ratio Lower Upper
142 100
141 89.7 72.7 109.1

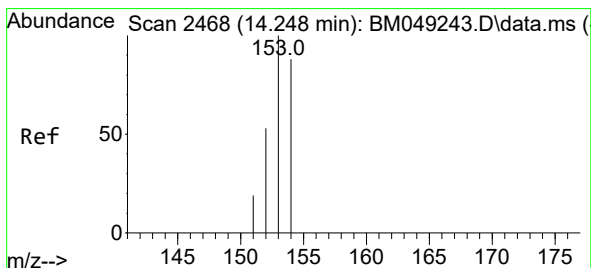
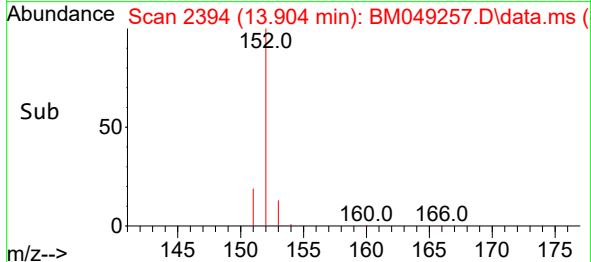
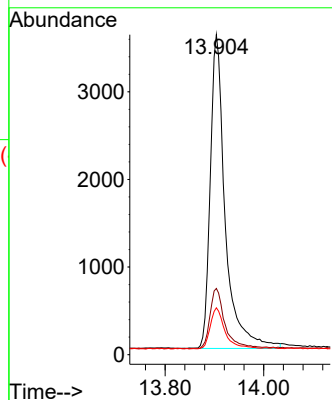
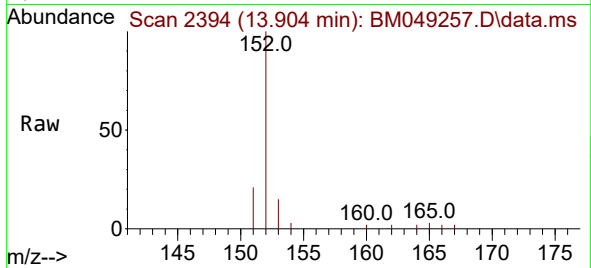




#10
Acenaphthylene
Concen: 0.283 ng/ul
RT: 13.904 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

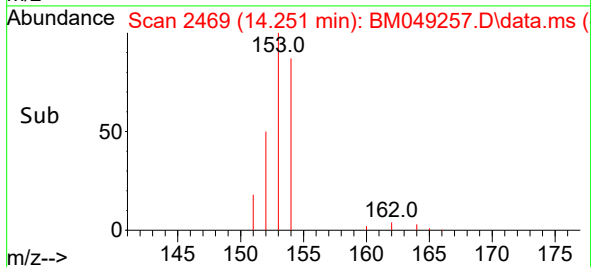
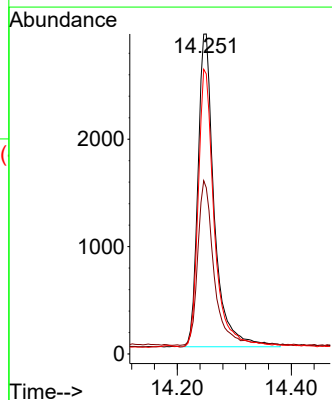
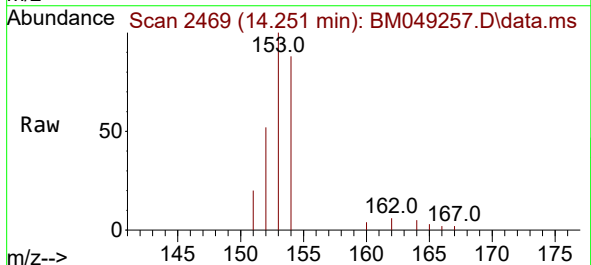
Instrument :
BNA_M
ClientSampleId :
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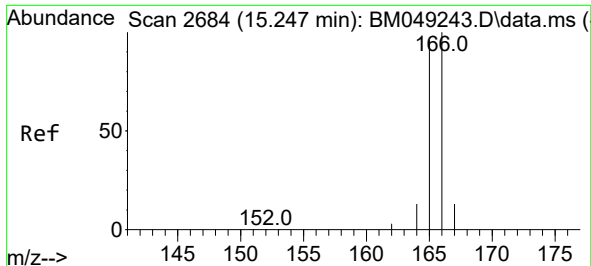
Tgt Ion:152 Resp: 7550
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 14.6 11.0 16.6



#11
Acenaphthene
Concen: 0.297 ng/ul
RT: 14.251 min Scan# 2469
Delta R.T. 0.005 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

Tgt Ion:153 Resp: 5788
Ion Ratio Lower Upper
153 100
152 52.0 40.7 61.1
154 87.5 70.8 106.2

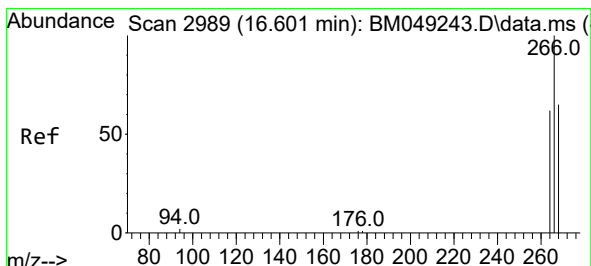
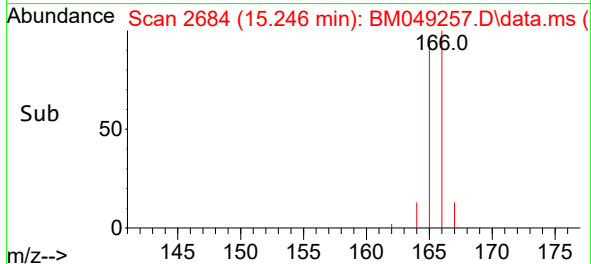
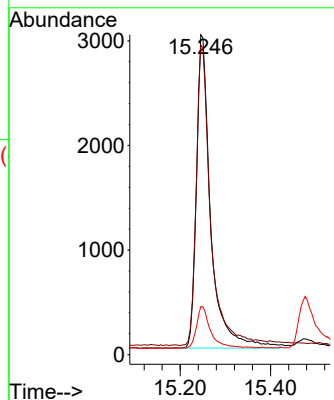
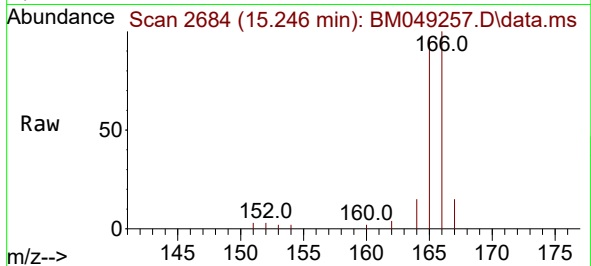




#12
Fluorene
Concen: 0.300 ng/ul
RT: 15.246 min Scan# 20
Delta R.T. 0.005 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

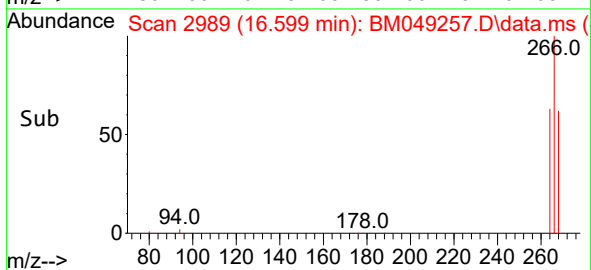
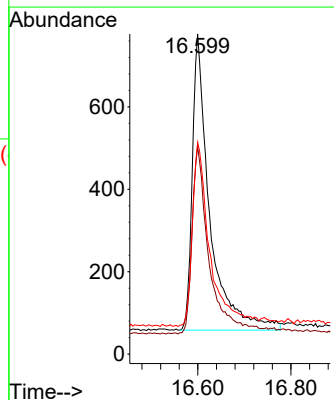
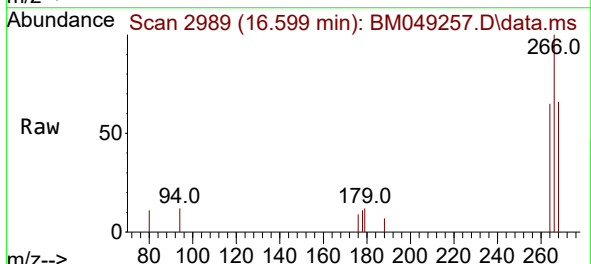
Instrument :
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ClientSampleId :
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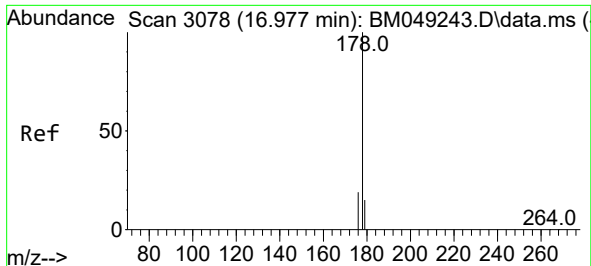
Tgt Ion:166 Resp: 6596
Ion Ratio Lower Upper
166 100
165 96.7 79.7 119.5
167 15.0 11.4 17.0



#14
Pentachlorophenol
Concen: 0.472 ng/ul
RT: 16.599 min Scan# 2989
Delta R.T. 0.004 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

Tgt Ion:266 Resp: 1866
Ion Ratio Lower Upper
266 100
264 63.3 48.3 72.5
268 63.1 47.5 71.3

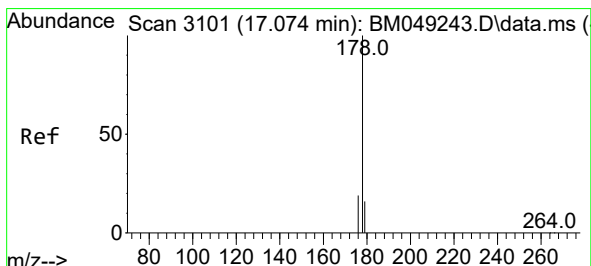
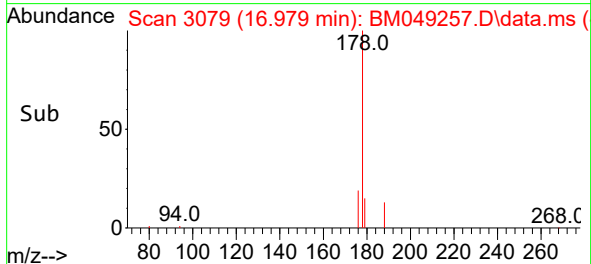
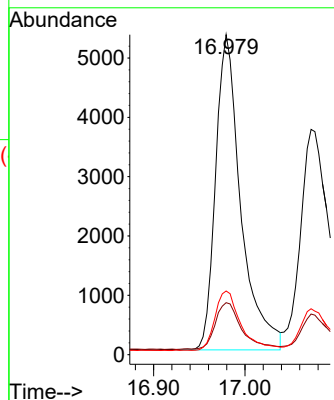
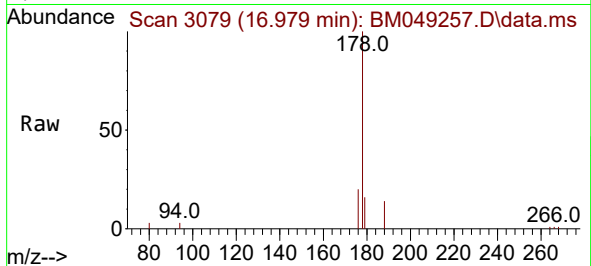




#15
Phenanthrene
Concen: 0.272 ng/ul
RT: 16.979 min Scan# 3078
Delta R.T. 0.004 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

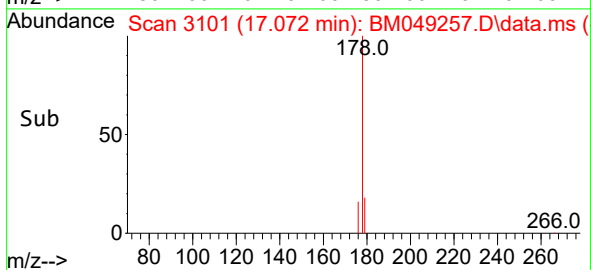
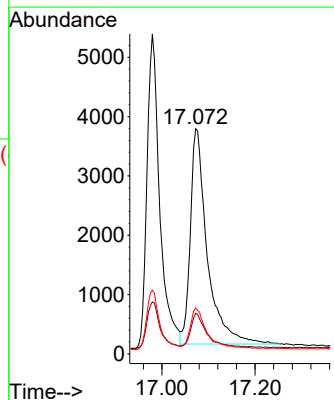
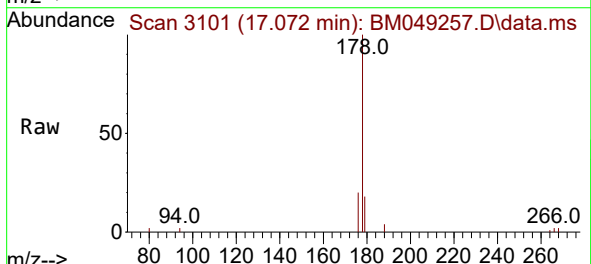
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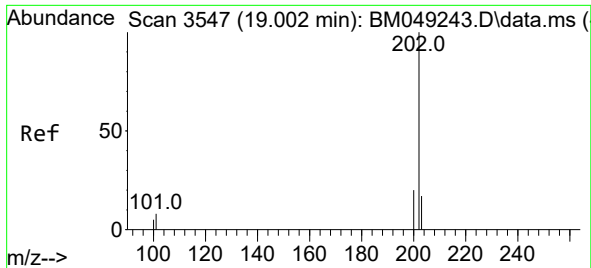
Tgt Ion:178 Resp: 10170
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.9 16.2 24.2



#16
Anthracene
Concen: 0.267 ng/ul
RT: 17.072 min Scan# 3101
Delta R.T. 0.004 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

Tgt Ion:178 Resp: 9159
Ion Ratio Lower Upper
178 100
179 18.1 12.9 19.3
176 20.4 15.3 22.9

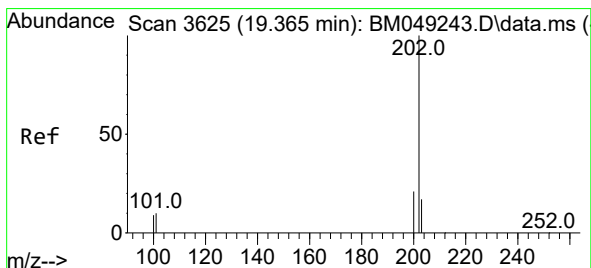
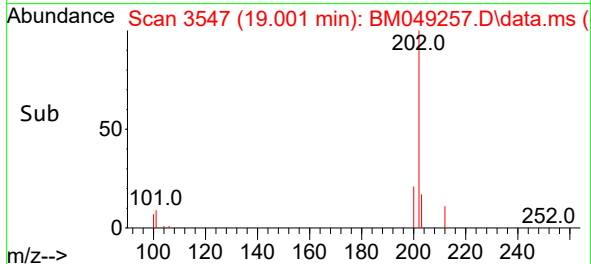
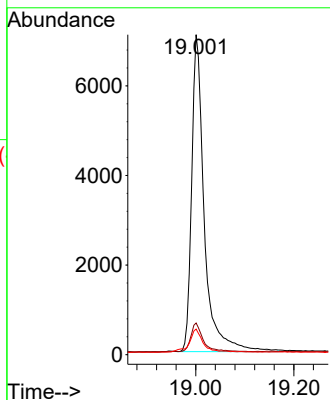
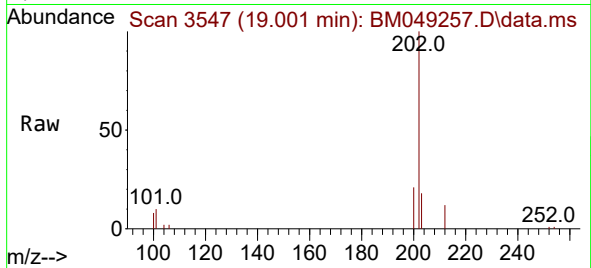




#19
Fluoranthene
Concen: 0.324 ng/ul
RT: 19.001 min Scan# 3547
Delta R.T. 0.000 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

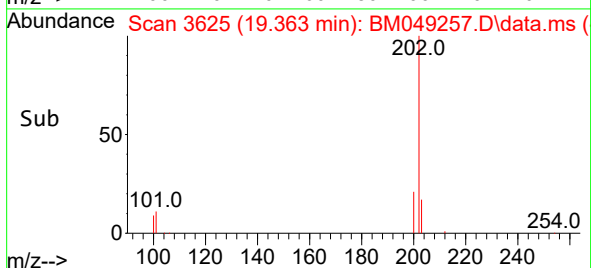
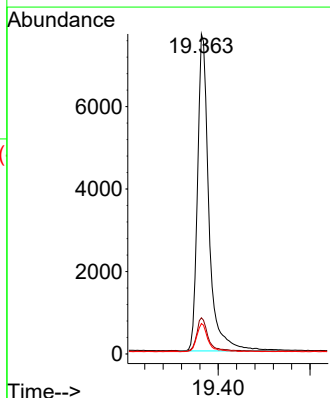
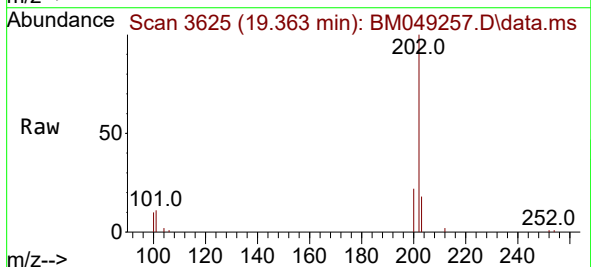
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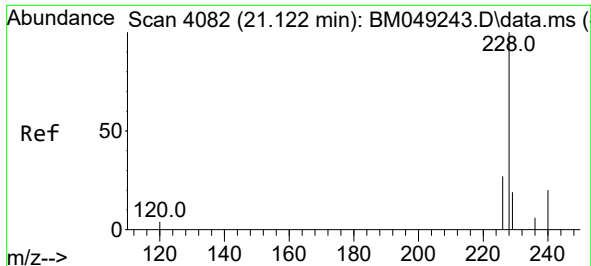
Tgt Ion:202 Resp: 12640
Ion Ratio Lower Upper
202 100
101 9.9 7.6 11.4
100 8.0 5.5 8.3



#20
Pyrene
Concen: 0.318 ng/ul
RT: 19.363 min Scan# 3625
Delta R.T. -0.000 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

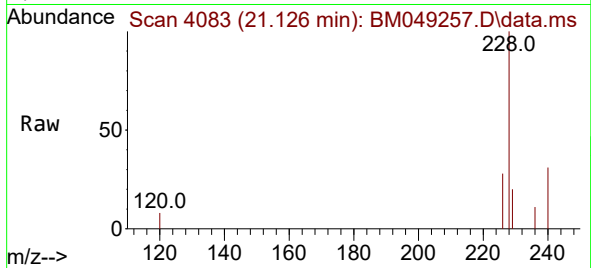
Tgt Ion:202 Resp: 13262
Ion Ratio Lower Upper
202 100
101 11.3 8.9 13.3
100 9.5 6.9 10.3



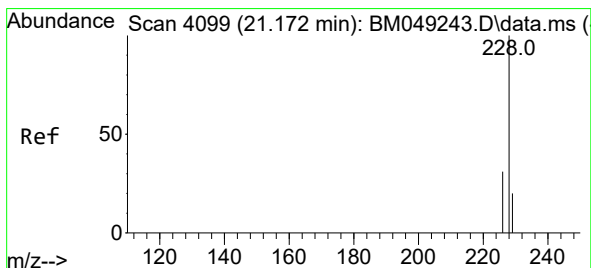
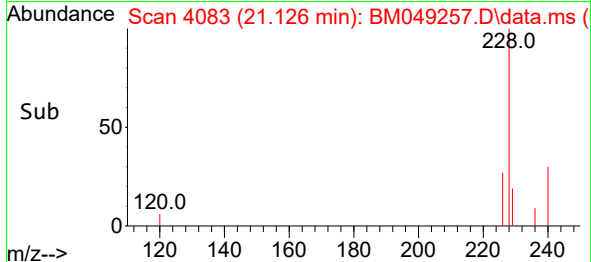
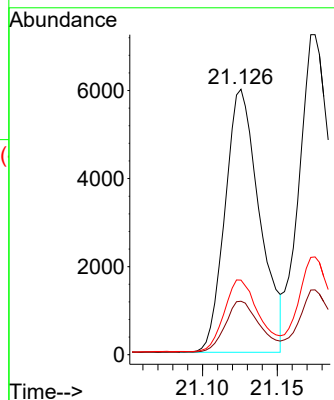


#21
Benzo(a)anthracene
Concen: 0.256 ng/ul
RT: 21.126 min Scan# 4083
Delta R.T. 0.006 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

Instrument :
BNA_M
ClientSampleId :
SLCS797

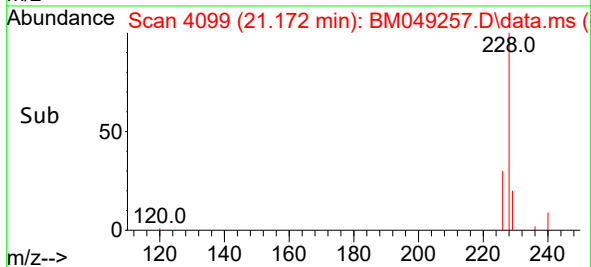
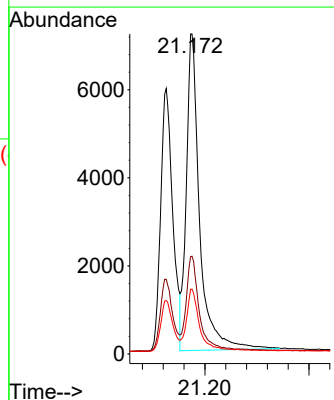
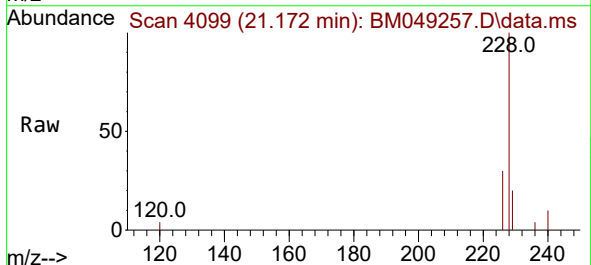


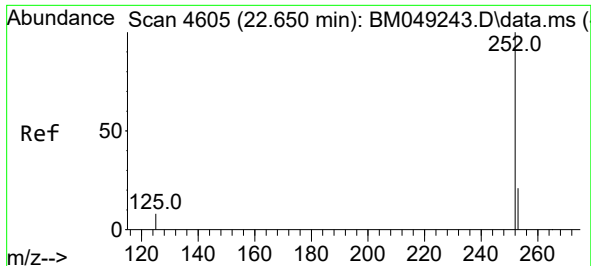
Tgt Ion:228 Resp: 9623
Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 28.1 22.6 34.0



#22
Chrysene
Concen: 0.318 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. 0.000 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

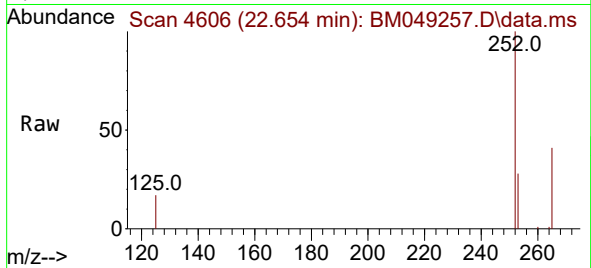
Tgt Ion:228 Resp: 12805
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 20.2 15.8 23.8



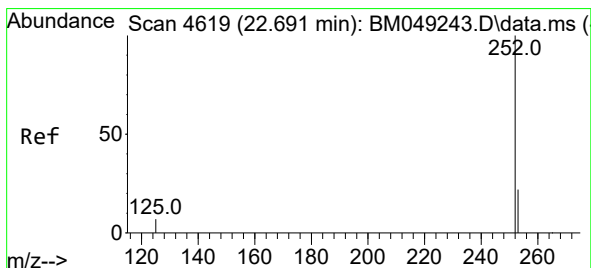
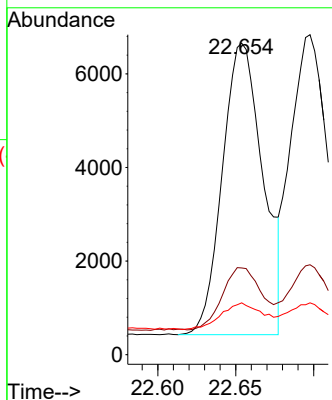


#24
Benzo(b)fluoranthene
Concen: 0.303 ng/ul
RT: 22.654 min Scan# 4606
Delta R.T. 0.006 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

Instrument :
BNA_M
ClientSampleId :
SLCS797

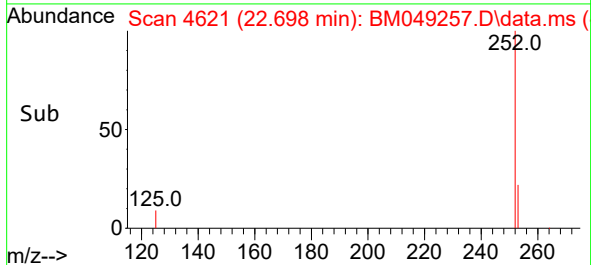
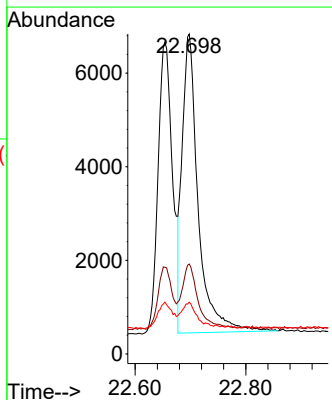
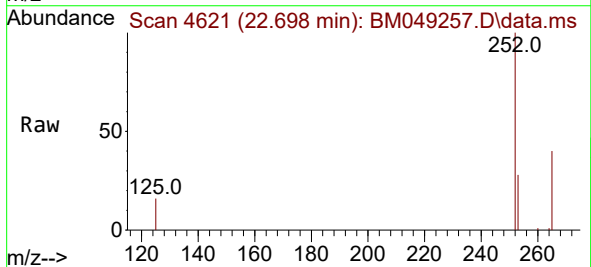


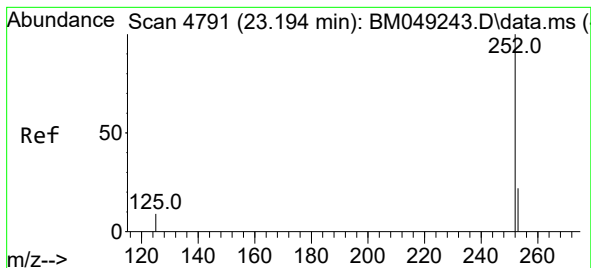
Tgt Ion:252 Resp: 11286
Ion Ratio Lower Upper
252 100
253 27.9 0.0 52.6
125 16.7 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul
RT: 22.698 min Scan# 4621
Delta R.T. 0.006 min
Lab File: BM049257.D
Acq: 27 Dec 2024 16:27

Tgt Ion:252 Resp: 12839
Ion Ratio Lower Upper
252 100
253 28.1 21.3 31.9
125 16.2 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.294 ng/ul

RT: 23.203 min Scan# 4794

Delta R.T. 0.012 min

Lab File: BM049257.D

Acq: 27 Dec 2024 16:27

Instrument :

BNA_M

ClientSampleId :

SLCS797

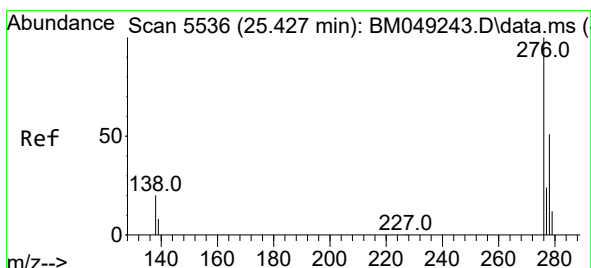
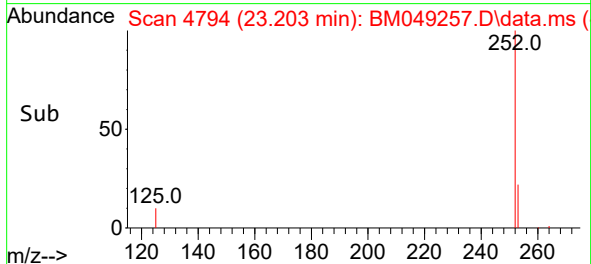
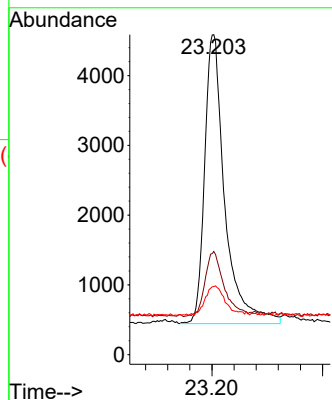
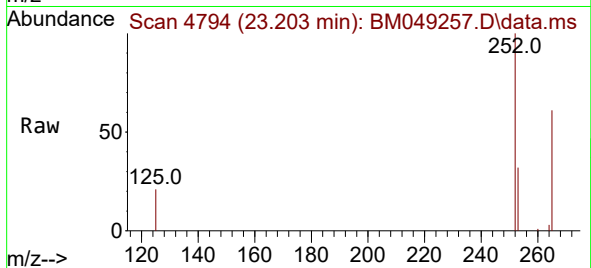
Tgt Ion:252 Resp: 10468

Ion Ratio Lower Upper

252 100

253 32.2 22.4 33.6

125 21.3 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.279 ng/ul

RT: 25.433 min Scan# 5538

Delta R.T. 0.016 min

Lab File: BM049257.D

Acq: 27 Dec 2024 16:27

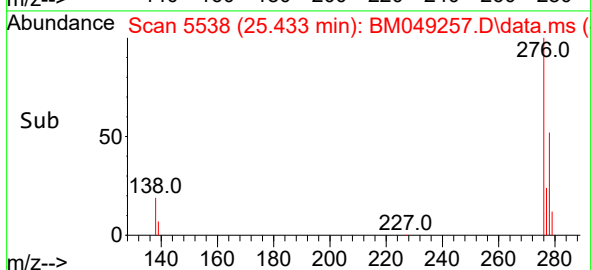
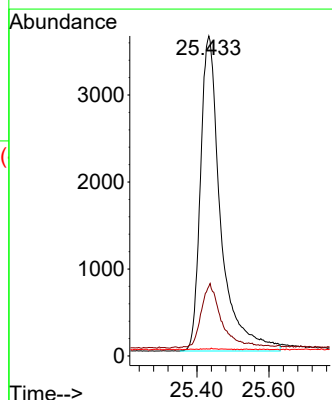
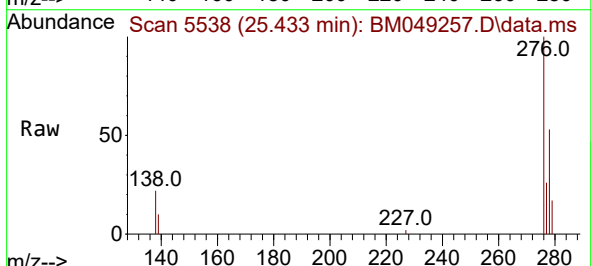
Tgt Ion:276 Resp: 14104

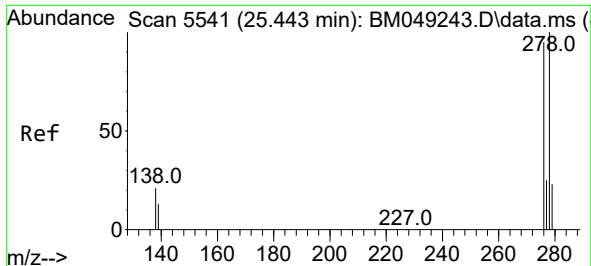
Ion Ratio Lower Upper

276 100

138 20.7 17.4 26.2

227 0.1 0.2 0.2#

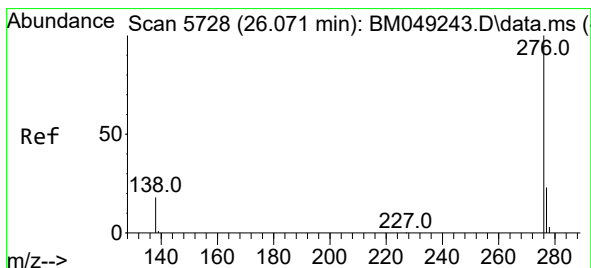
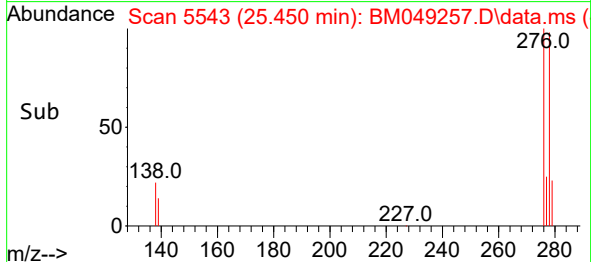
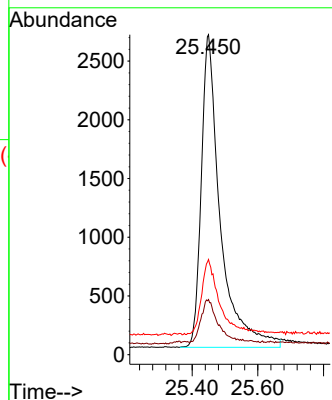
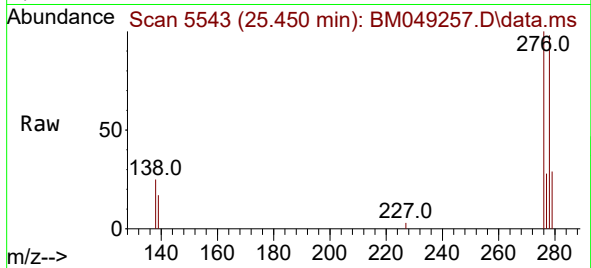




#28
 Dibenzo(a,h)anthracene
 Concen: 0.272 ng/ul
 RT: 25.450 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: BM049257.D
 Acq: 27 Dec 2024 16:27

Instrument :
 BNA_M
 ClientSampleId :
 SLCS797

Tgt Ion:278 Resp: 10674
 Ion Ratio Lower Upper
 278 100
 139 17.2 13.5 20.3
 279 29.8 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.296 ng/ul
 RT: 26.081 min Scan# 5731
 Delta R.T. 0.013 min
 Lab File: BM049257.D
 Acq: 27 Dec 2024 16:27

Tgt Ion:276 Resp: 12005
 Ion Ratio Lower Upper
 276 100
 138 20.4 16.7 25.1
 277 24.7 19.9 29.9

