

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045527.D
 Acq On : 24 Apr 2024 14:14
 Operator : MA/JU
 Sample : PB160226BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS226

Quant Time: Apr 24 15:35:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

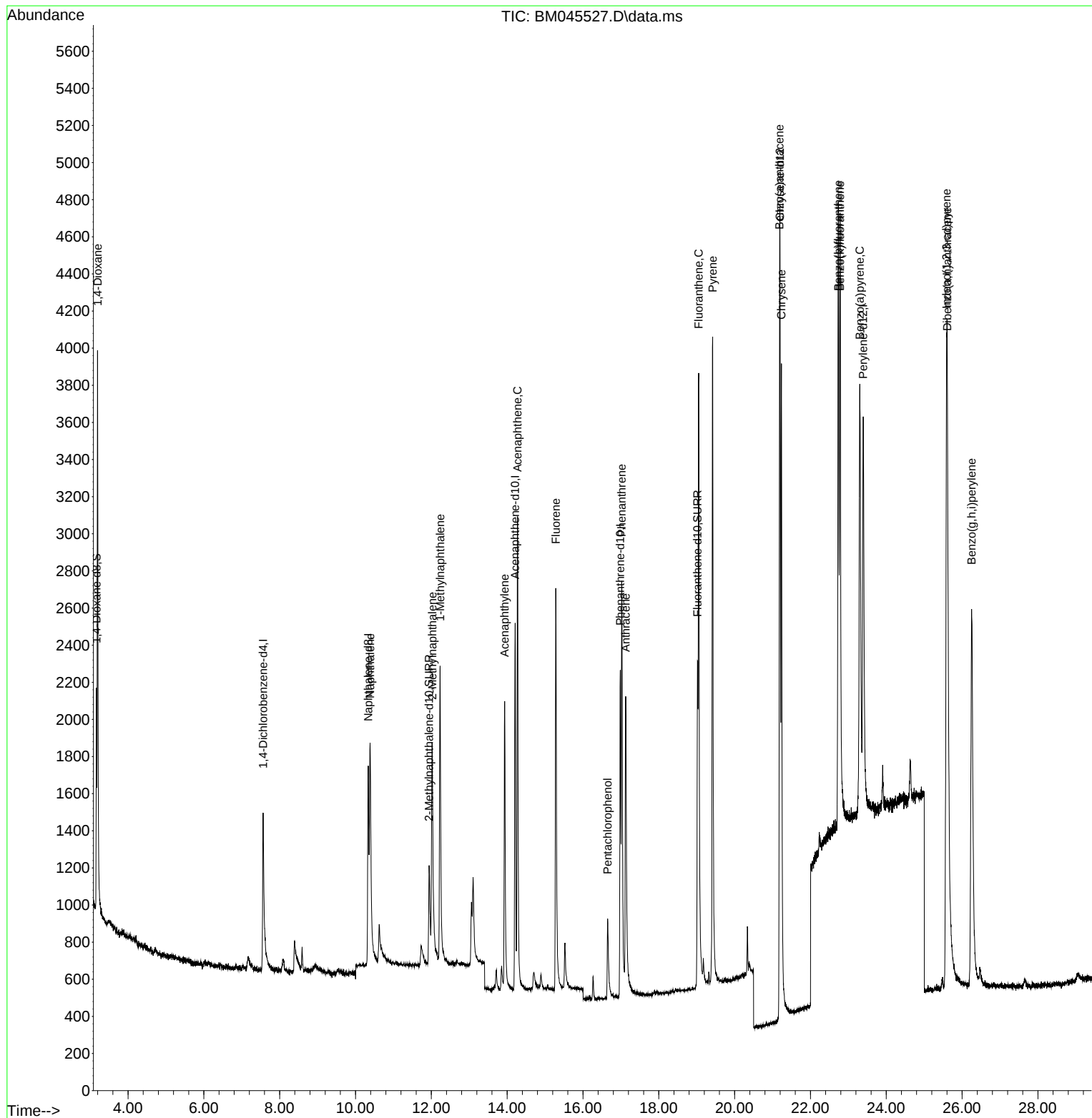
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	824	0.400	ng/ul	0.00
4) Naphthalene-d8	10.336	136	2476	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.210	164	1361	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	2882	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.198	240	2567	0.400	ng/ul	# 0.00
23) Perylene-d12	23.390	264	3653	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	803	0.727	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	1247	0.382	ng/ul	0.01
18) Fluoranthene-d10	19.020	212	2662	0.329	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.196	88	2054	1.933	ng/ul#	86
5) Naphthalene	10.385	128	2516	0.378	ng/ul	97
7) 2-Methylnaphthalene	12.024	142	1508	0.397	ng/ul	98
8) 1-Methylnaphthalene	12.233	142	1492	0.350	ng/ul	97
10) Acenaphthylene	13.933	152	2492	0.371	ng/ul	98
11) Acenaphthene	14.275	153	1834	0.368	ng/ul	97
12) Fluorene	15.284	166	1956	0.367	ng/ul	98
14) Pentachlorophenol	16.651	266	488	0.849	ng/ul	96
15) Phenanthrene	17.023	178	3088	0.368	ng/ul	99
16) Anthracene	17.128	178	3038	0.387	ng/ul	96
19) Fluoranthene	19.053	202	3834	0.324	ng/ul	94
20) Pyrene	19.420	202	4133	0.339	ng/ul	96
21) Benzo(a)anthracene	21.186	228	3499	0.426	ng/ul	94
22) Chrysene	21.233	228	4323	0.343	ng/ul	98
24) Benzo(b)fluoranthene	22.735	252	4658	0.379	ng/ul	98
25) Benzo(k)fluoranthene	22.779	252	5586	0.360	ng/ul	97
26) Benzo(a)pyrene	23.302	252	4850	0.381	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.591	276	6552	0.354	ng/ul	92
28) Dibenzo(a,h)anthracene	25.611	278	5231	0.356	ng/ul	92
29) Benzo(g,h,i)perylene	26.251	276	5629	0.338	ng/ul	96

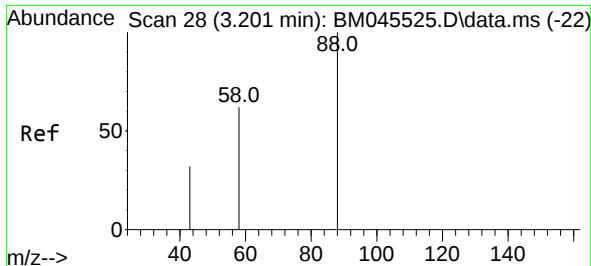
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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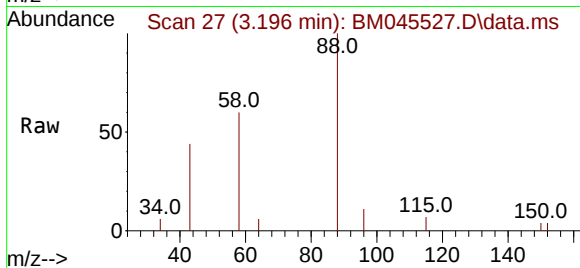
Quant Time: Apr 24 15:35:25 2024
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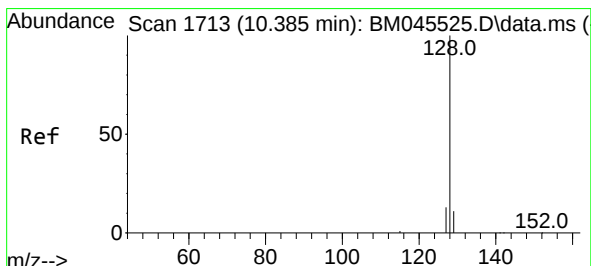
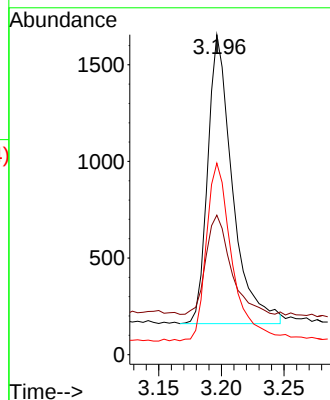
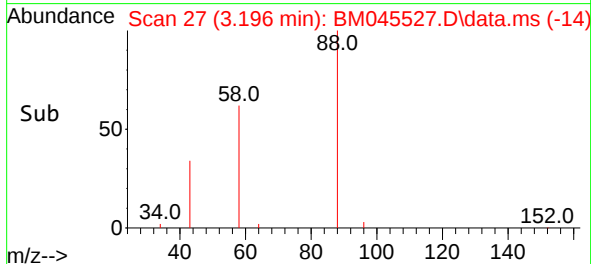


#2
1,4-Dioxane
Concen: 1.933 ng/ul
RT: 3.196 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

Instrument :
BNA_M
ClientSampleId :
SLCS226

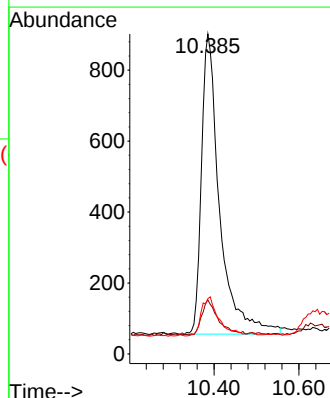
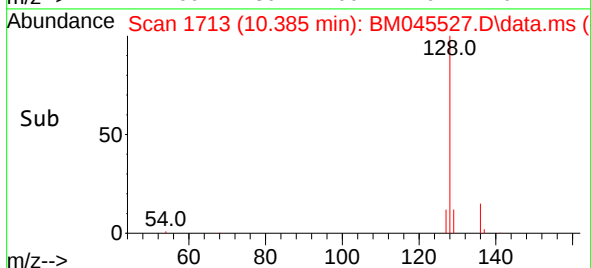
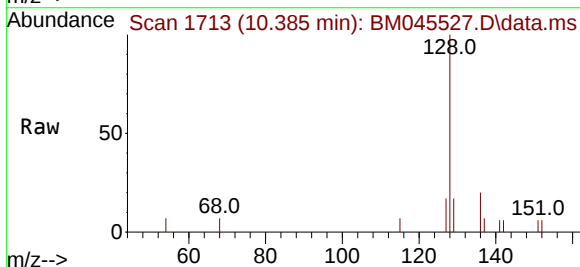


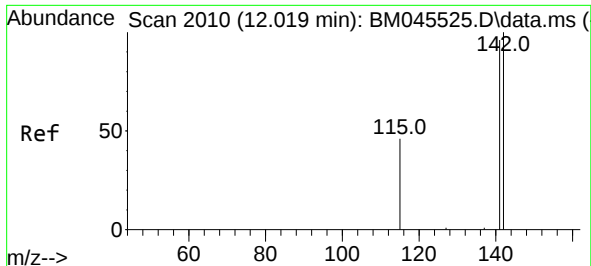
Tgt Ion: 88 Resp: 2054
Ion Ratio Lower Upper
88 100
43 43.6 36.8 55.2
58 59.8 35.4 53.2#



#5
Naphthalene
Concen: 0.378 ng/ul
RT: 10.385 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

Tgt Ion: 128 Resp: 2516
Ion Ratio Lower Upper
128 100
129 16.9 14.0 21.0
127 17.3 15.4 23.2

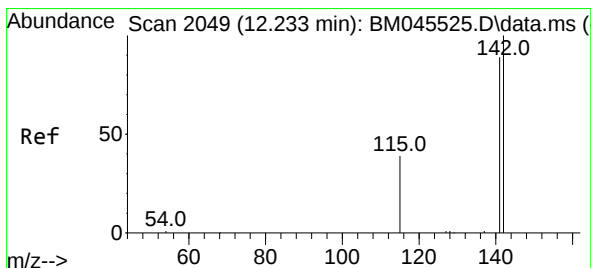
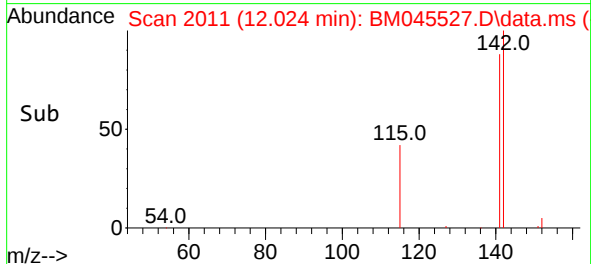
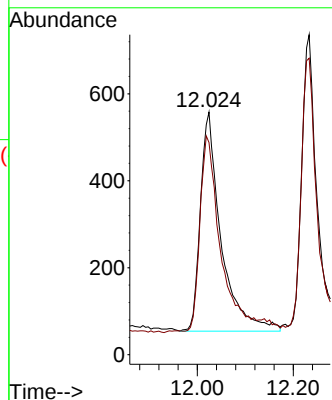
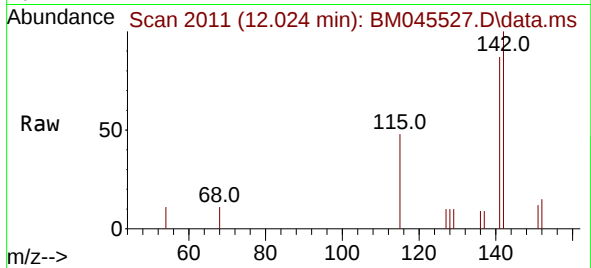




#7
2-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.024 min Scan# 2011
Delta R.T. 0.017 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

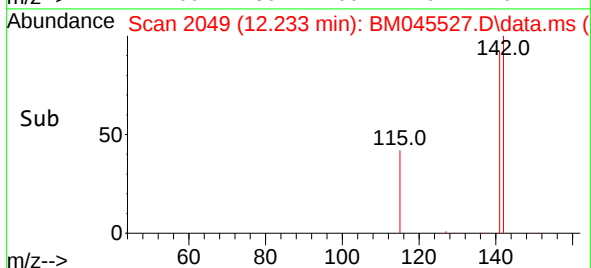
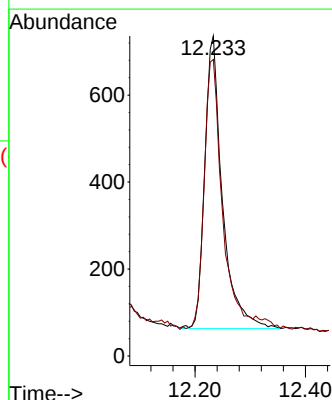
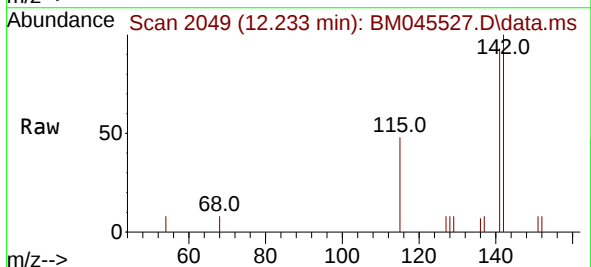
Instrument :
BNA_M
ClientSampleId :
SLCS226

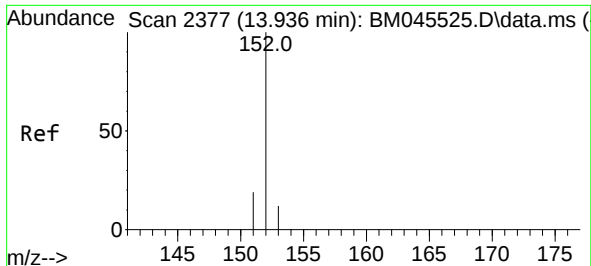
Tgt Ion:142 Resp: 1508
Ion Ratio Lower Upper
142 100
141 91.4 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.233 min Scan# 2049
Delta R.T. 0.011 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

Tgt Ion:142 Resp: 1492
Ion Ratio Lower Upper
142 100
141 98.1 76.1 114.1

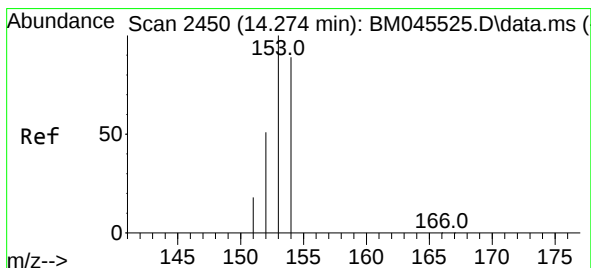
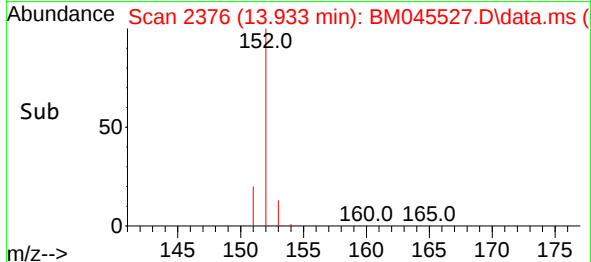
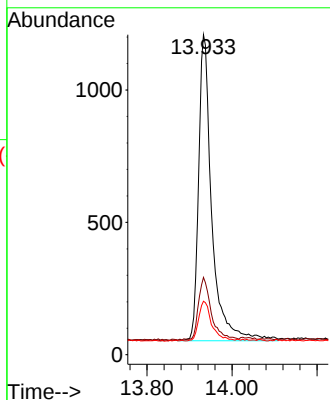
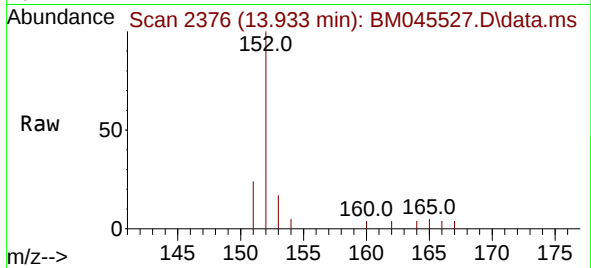




#10
Acenaphthylene
Concen: 0.371 ng/ul
RT: 13.933 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

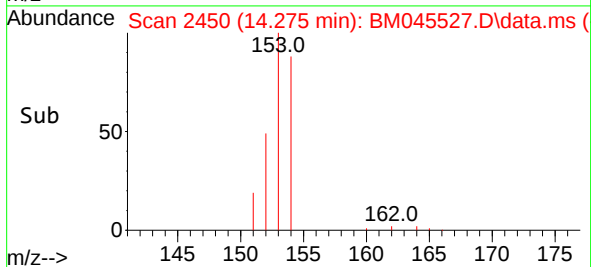
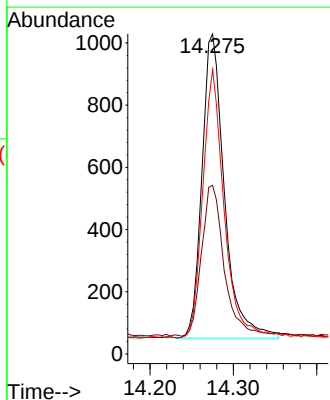
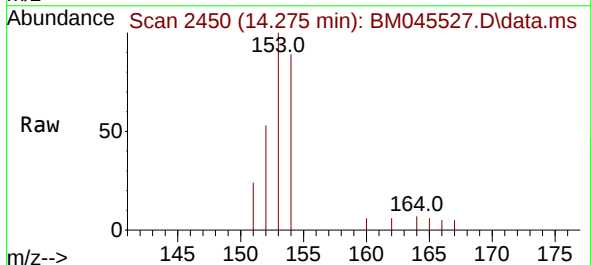
Instrument :
BNA_M
ClientSampleId :
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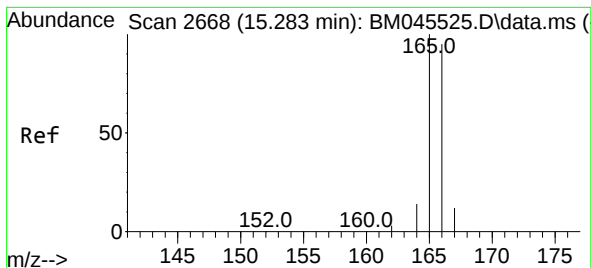
Tgt Ion:	152	Resp:	2492
Ion	Ratio	Lower	Upper
152	100		
151	24.2	18.6	28.0
153	16.7	14.1	21.1



#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. 0.006 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

Tgt Ion:	153	Resp:	1834
Ion	Ratio	Lower	Upper
153	100		
152	52.7	43.4	65.2
154	88.8	69.0	103.6





#12

Fluorene

Concen: 0.367 ng/ul

RT: 15.284 min Scan# 2

Delta R.T. 0.006 min

Lab File: BM045527.D

Acq: 24 Apr 2024 14:14

Instrument :

BNA_M

ClientSampleId :

SLCS226

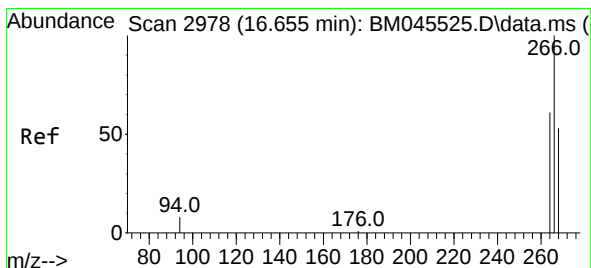
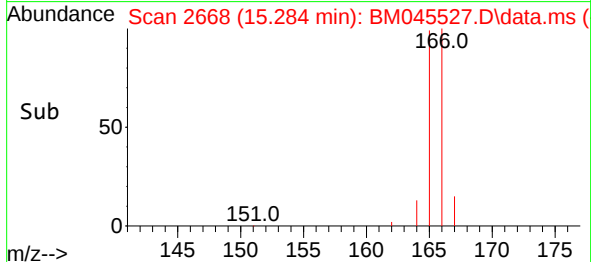
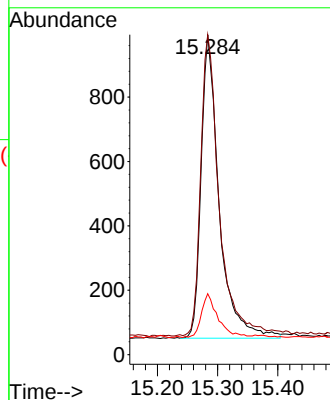
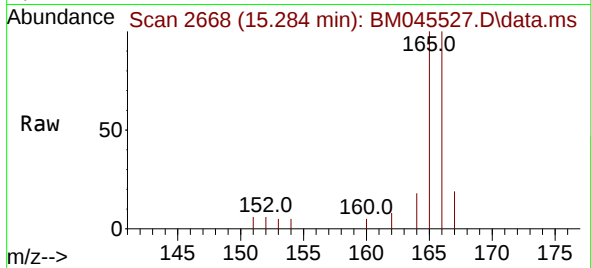
Tgt Ion:166 Resp: 1956

Ion Ratio Lower Upper

166 100

165 100.1 82.2 123.2

167 19.0 14.8 22.2



#14

Pentachlorophenol

Concen: 0.849 ng/ul

RT: 16.651 min Scan# 2977

Delta R.T. 0.001 min

Lab File: BM045527.D

Acq: 24 Apr 2024 14:14

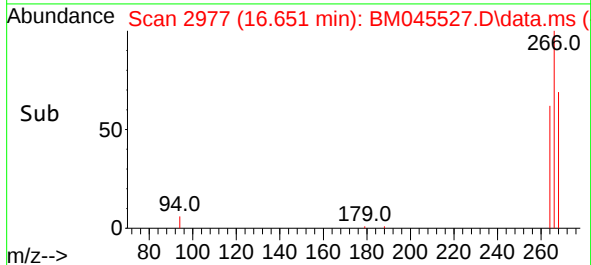
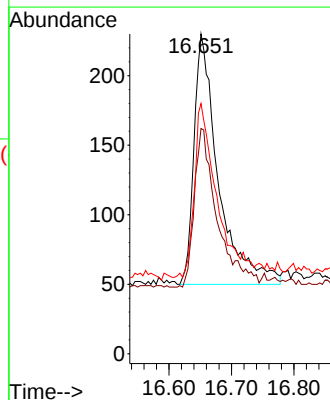
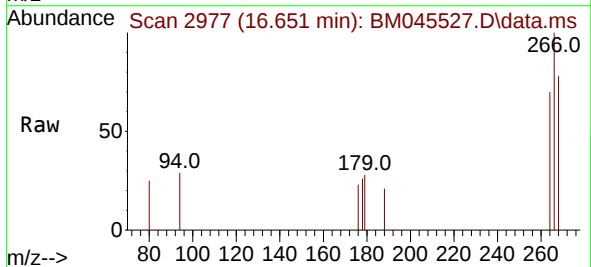
Tgt Ion:266 Resp: 488

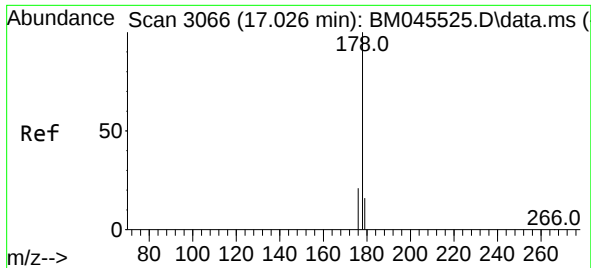
Ion Ratio Lower Upper

266 100

264 59.8 45.5 68.3

268 66.8 56.1 84.1

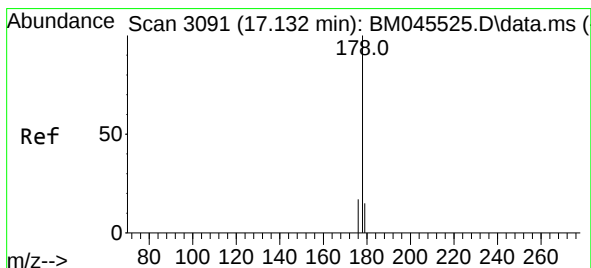
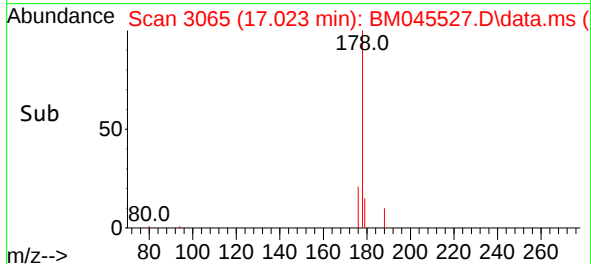
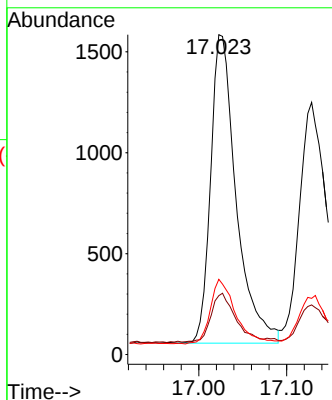
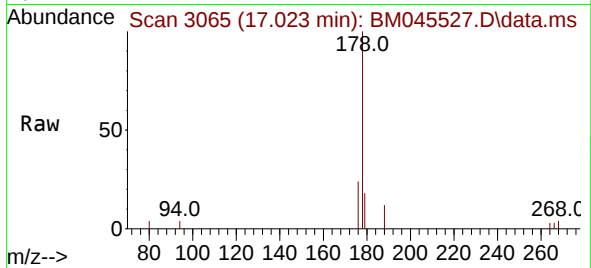




#15
Phenanthrene
Concen: 0.368 ng/u1
RT: 17.023 min Scan# 3065
Delta R.T. 0.001 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

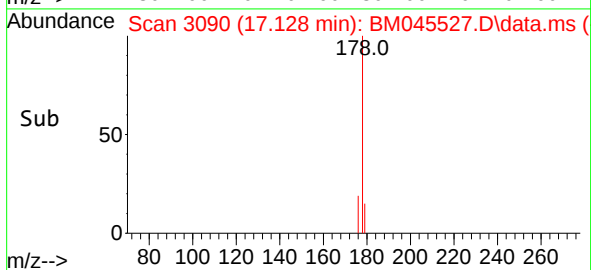
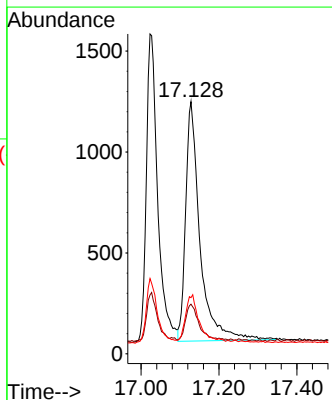
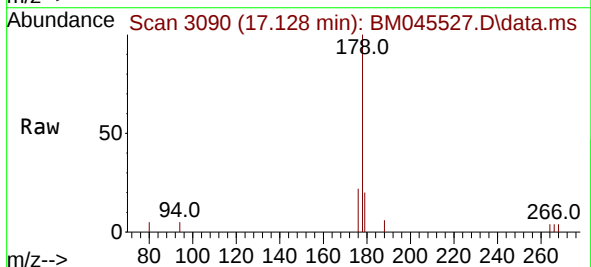
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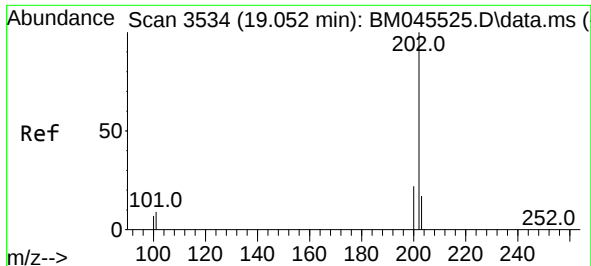
Tgt Ion:178 Resp: 3088
Ion Ratio Lower Upper
178 100
179 18.4 15.4 23.2
176 23.5 19.0 28.4



#16
Anthracene
Concen: 0.387 ng/u1
RT: 17.128 min Scan# 3090
Delta R.T. 0.009 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

Tgt Ion:178 Resp: 3038
Ion Ratio Lower Upper
178 100
179 19.7 17.8 26.6
176 22.3 18.7 28.1

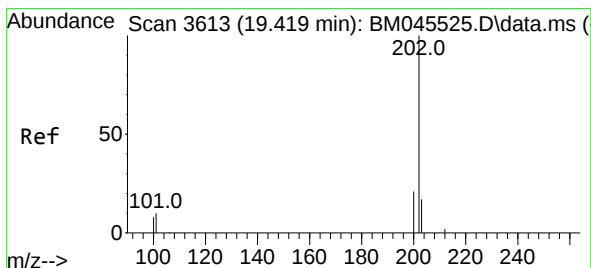
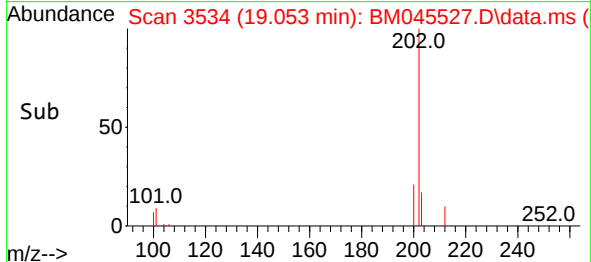
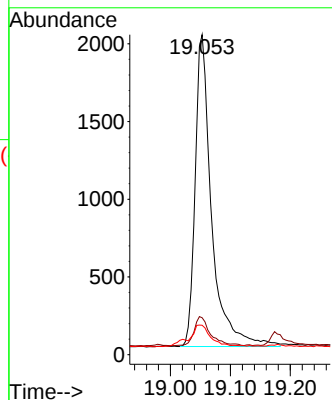
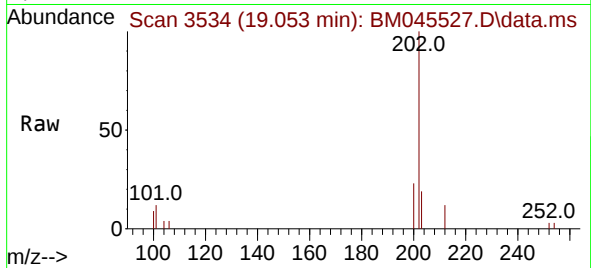




#19
Fluoranthene
Concen: 0.324 ng/ul
RT: 19.053 min Scan# 3534
Delta R.T. 0.006 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

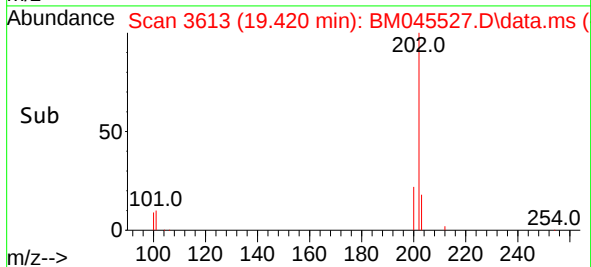
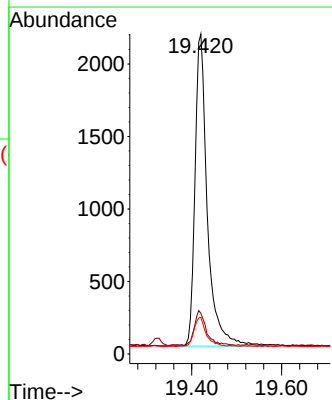
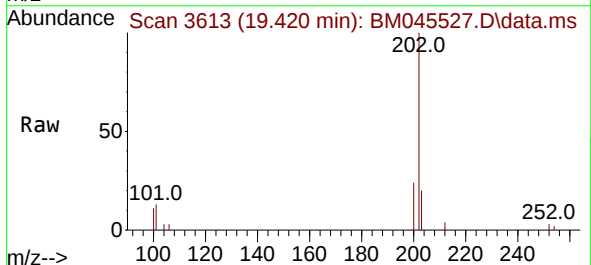
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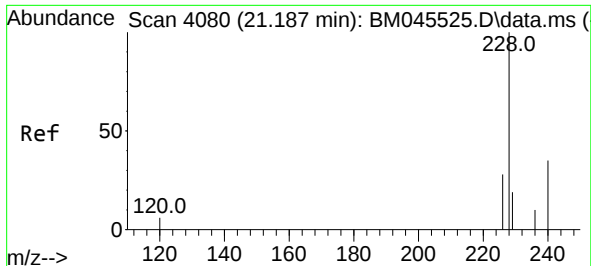
Tgt Ion:202 Resp: 3834
Ion Ratio Lower Upper
202 100
101 11.6 11.2 16.8
100 9.2 9.1 13.7



#20
Pyrene
Concen: 0.339 ng/ul
RT: 19.420 min Scan# 3613
Delta R.T. 0.006 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

Tgt Ion:202 Resp: 4133
Ion Ratio Lower Upper
202 100
101 12.7 11.5 17.3
100 11.5 10.6 15.8

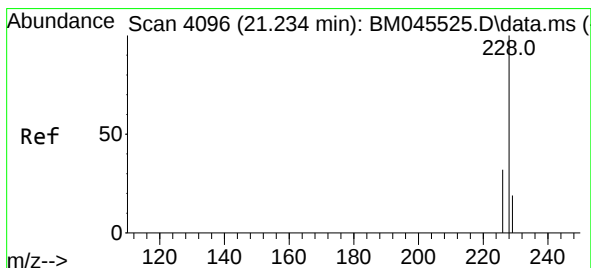
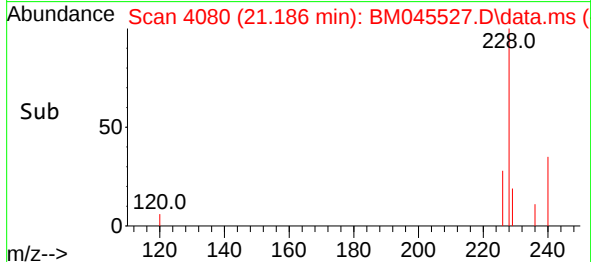
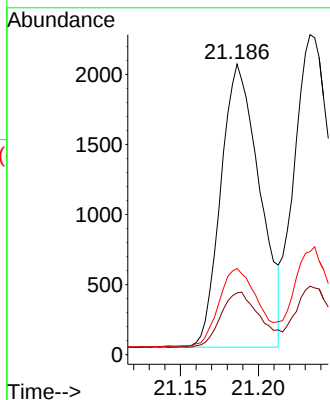
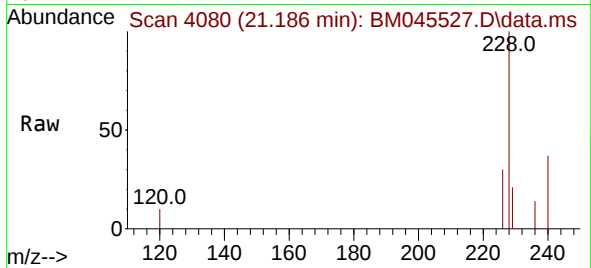




#21
Benzo(a)anthracene
Concen: 0.426 ng/ul
RT: 21.186 min Scan# 4080
Delta R.T. 0.005 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

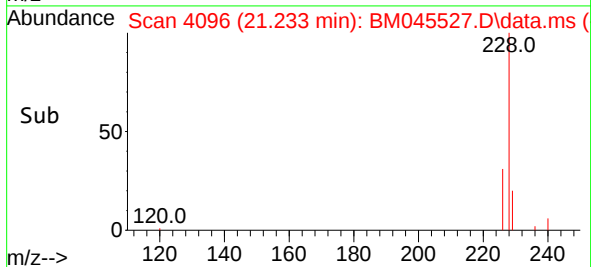
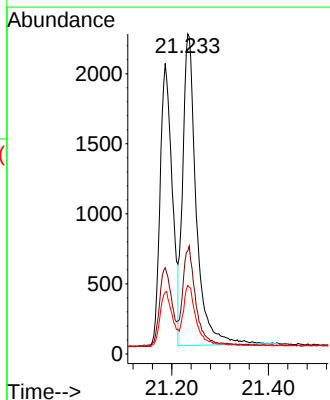
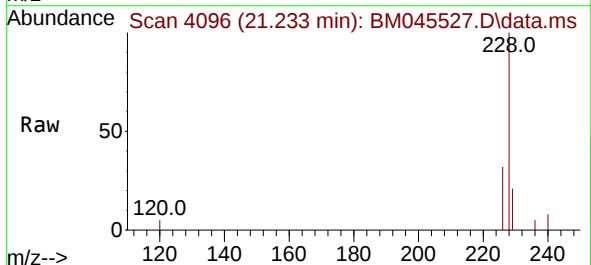
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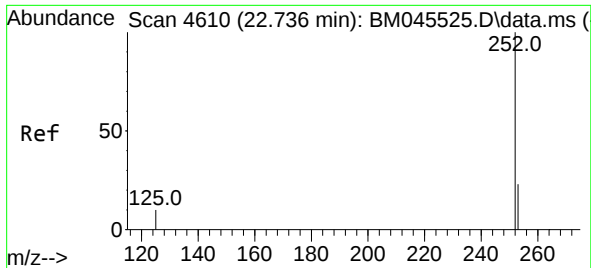
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Ion Ratio Lower Upper
228 100
229 21.2 19.4 29.2
226 29.7 26.3 39.5



#22
Chrysene
Concen: 0.343 ng/ul
RT: 21.233 min Scan# 4096
Delta R.T. 0.005 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

Tgt Ion:228 Resp: 4323
Ion Ratio Lower Upper
228 100
226 32.2 26.3 39.5
229 21.4 17.8 26.8

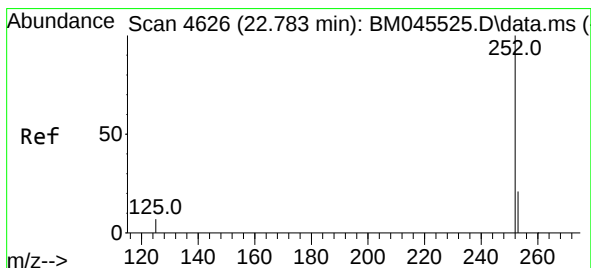
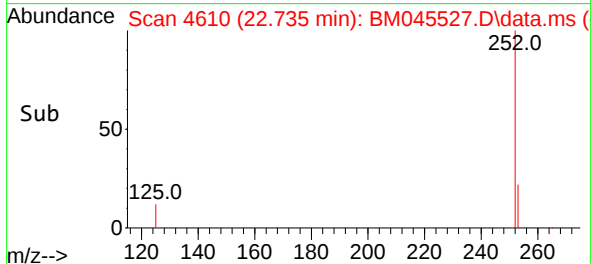
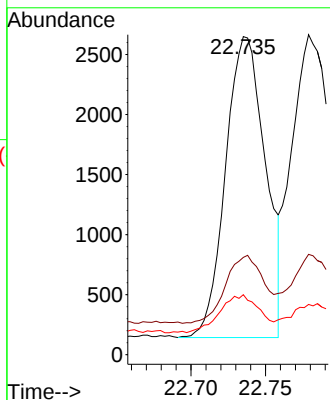
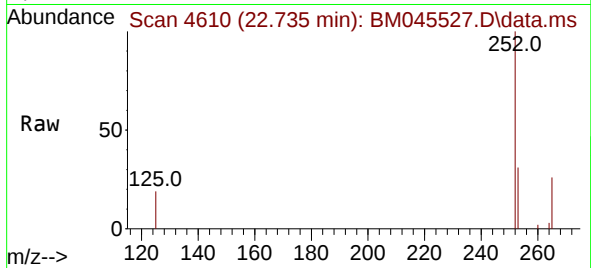




#24
Benzo(b)fluoranthene
Concen: 0.379 ng/ul
RT: 22.735 min Scan# 4610
Delta R.T. 0.005 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

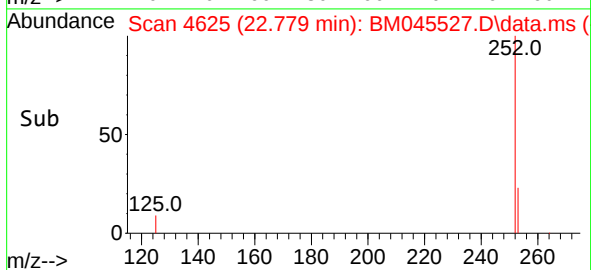
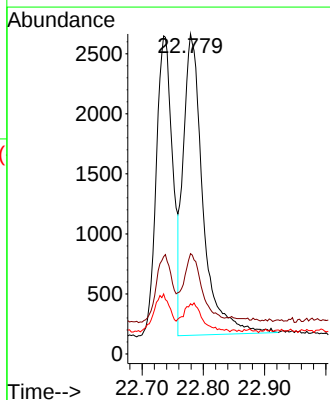
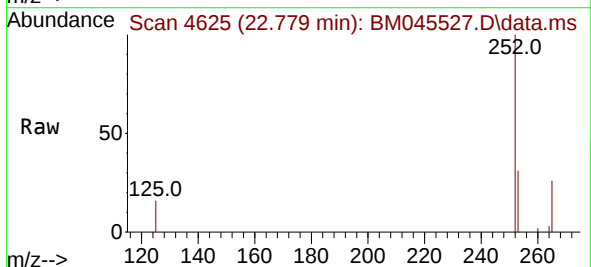
Instrument :
BNA_M
ClientSampleId :
SLCS226

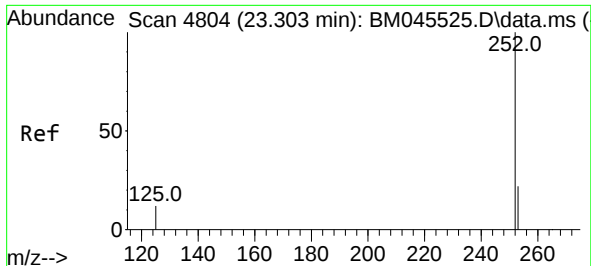
Tgt Ion:	252	Resp:	4658
Ion Ratio	Lower	Upper	
252	100		
253	30.6	0.0	63.4
125	18.9	0.0	36.8



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul
RT: 22.779 min Scan# 4625
Delta R.T. 0.008 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

Tgt Ion:	252	Resp:	5586
Ion Ratio	Lower	Upper	
252	100		
253	31.3	25.4	38.0
125	15.7	14.8	22.2

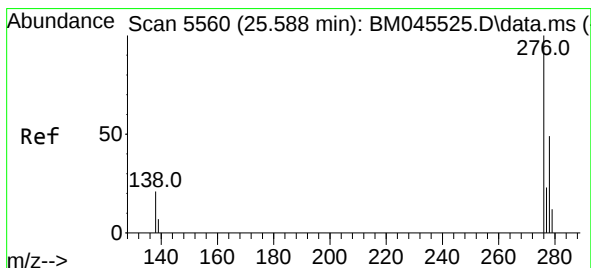
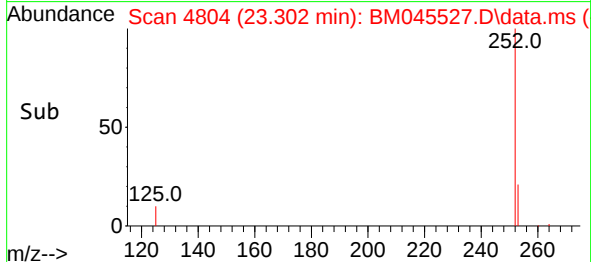
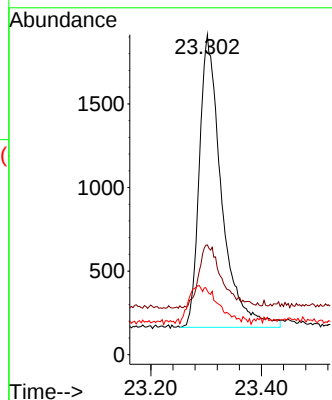
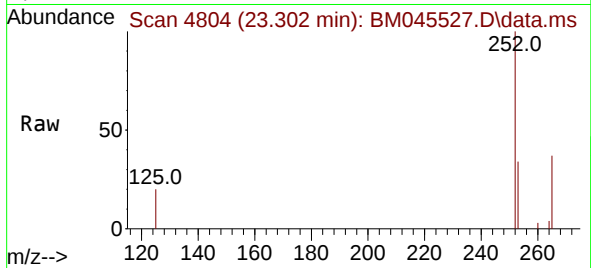




#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.302 min Scan# 4804
Delta R.T. 0.011 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

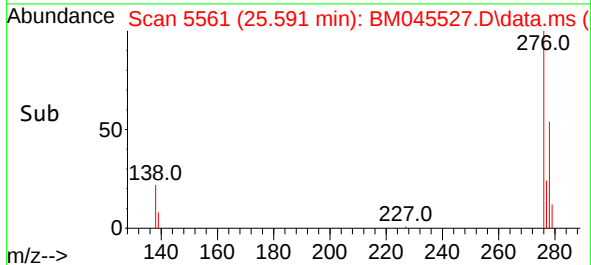
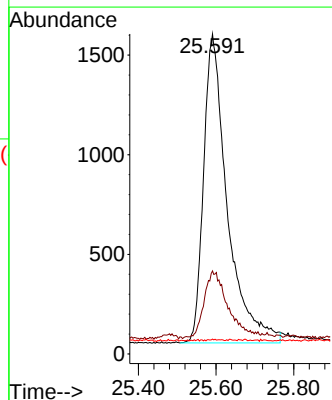
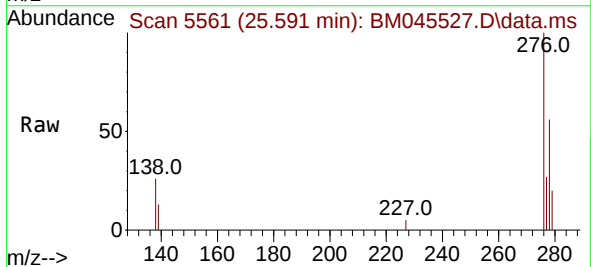
Instrument :
BNA_M
ClientSampleId :
SLCS226

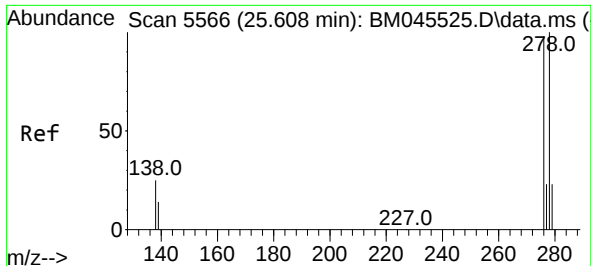
Tgt Ion:	252	Resp:	4850
Ion Ratio	Lower	Upper	
252	100		
253	34.3	31.6	47.4
125	19.9	19.5	29.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng/ul
RT: 25.591 min Scan# 5561
Delta R.T. 0.019 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

Tgt Ion:	276	Resp:	6552
Ion Ratio	Lower	Upper	
276	100		
138	20.8	19.8	29.6
227	0.2	0.2	0.2

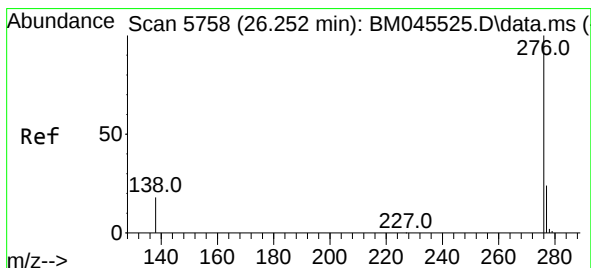
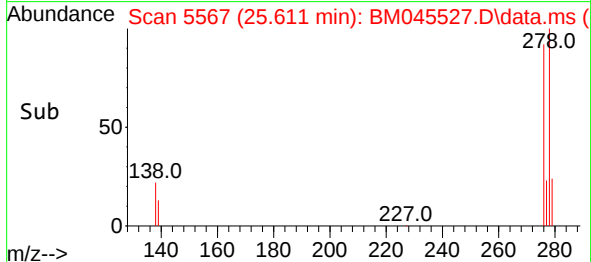
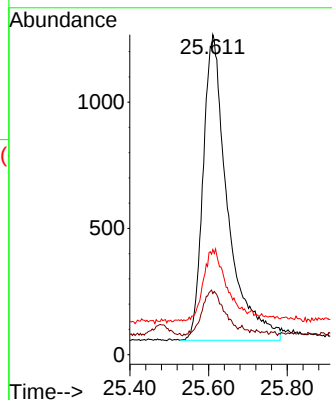
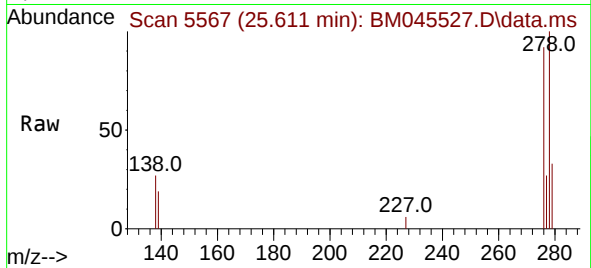




#28
Dibenzo(a,h)anthracene
Concen: 0.356 ng/ul
RT: 25.611 min Scan# 51
Delta R.T. 0.023 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

Instrument :
BNA_M
ClientSampleId :
SLCS226

Tgt Ion:278 Resp: 5231
Ion Ratio Lower Upper
278 100
139 19.1 19.0 28.6
279 32.8 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.338 ng/ul
RT: 26.251 min Scan# 5758
Delta R.T. 0.016 min
Lab File: BM045527.D
Acq: 24 Apr 2024 14:14

Tgt Ion:276 Resp: 5629
Ion Ratio Lower Upper
276 100
138 23.3 20.8 31.2
277 26.3 21.8 32.8

