

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045681.D
 Acq On : 02 May 2024 23:42
 Operator : MA/JU
 Sample : PB160612BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS612

Quant Time: May 03 03:37:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 03 03:27:04 2024
 Response via : Initial Calibration

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

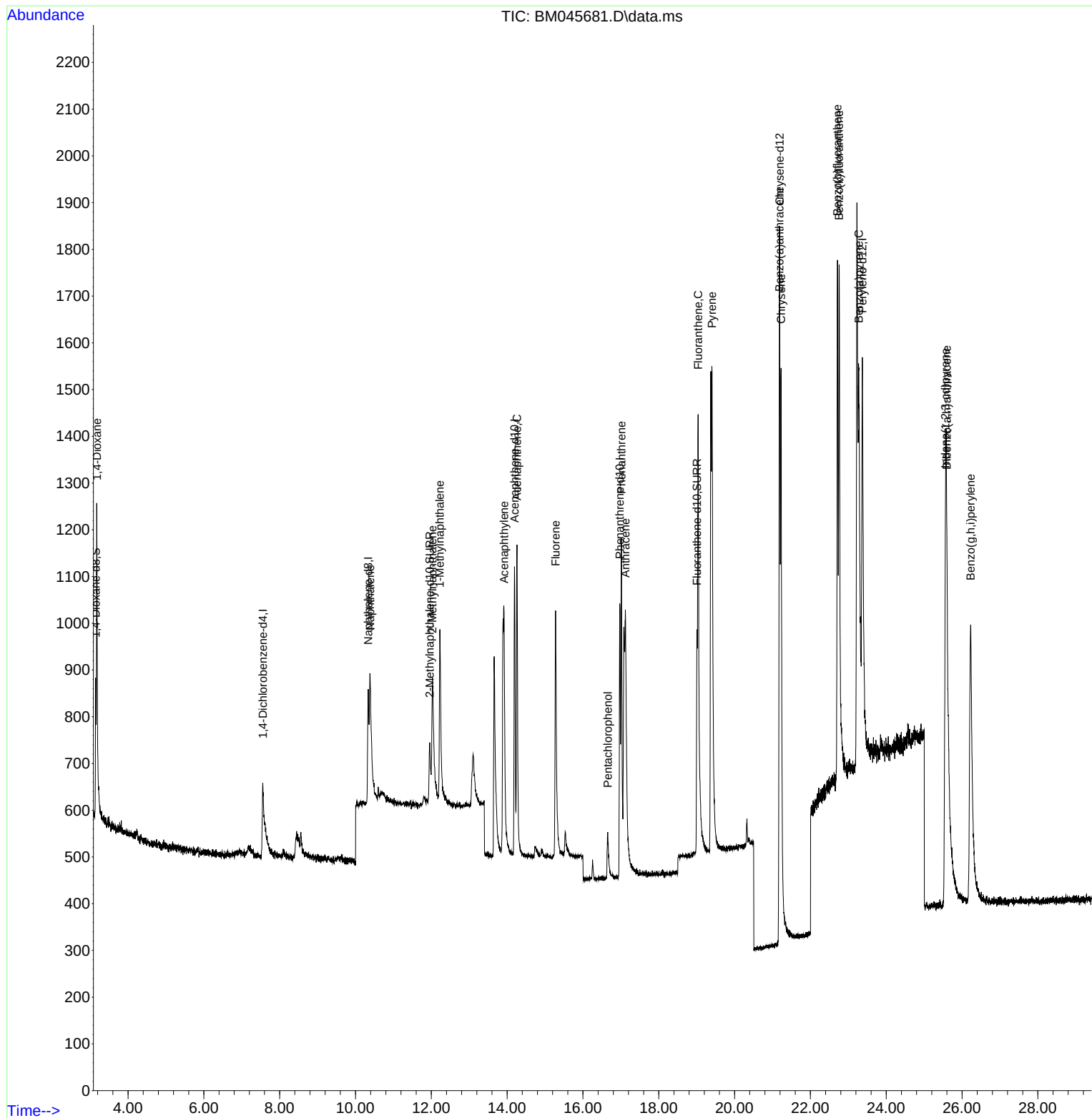
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	217	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.336	136	725	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.196	164	479	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	1073	0.400	ng/ul	0.00
17) Chrysene-d12	21.187	240	1111	0.400	ng/ul	0.00
23) Perylene-d12	23.370	264	1510	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.150	96	231	0.940	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.958	152	374	0.327	ng/ul	0.00
18) Fluoranthene-d10	19.010	212	991	0.355	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.180	88	458	1.799	ng/ul#	76
5) Naphthalene	10.385	128	672	0.364	ng/ul	98
7) 2-Methylnaphthalene	12.030	142	394	0.352	ng/ul	97
8) 1-Methylnaphthalene	12.222	142	429	0.347	ng/ul	90
10) Acenaphthylene	13.923	152	689	0.342	ng/ul	99
11) Acenaphthene	14.260	153	529	0.355	ng/ul	95
12) Fluorene	15.278	166	608	0.352	ng/ul	94
14) Pentachlorophenol	16.655	266	130	0.680	ng/ul#	88
15) Phenanthrene	17.013	178	1000	0.375	ng/ul	97
16) Anthracene	17.123	178	928	0.359	ng/ul	99
19) Fluoranthene	19.038	202	1267	0.359	ng/ul	96
20) Pyrene	19.405	202	1366	0.364	ng/ul	96
21) Benzo(a)anthracene	21.184	228	1113	0.343	ng/ul	97
22) Chrysene	21.225	228	1725	0.376	ng/ul	99
24) Benzo(b)fluoranthene	22.713	252	1615	0.384	ng/ul	97
25) Benzo(k)fluoranthene	22.759	252	1937	0.372	ng/ul	97
26) Benzo(a)pyrene	23.280	252	1666	0.357	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.561	276	2351	0.366	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.595	278	1882	0.367	ng/ul	97
29) Benzo(g,h,i)perylene	26.229	276	2120	0.372	ng/ul	97

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

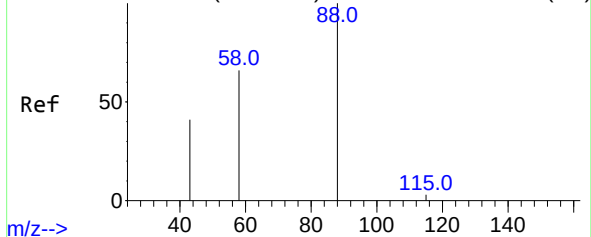
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045681.D
Acq On : 02 May 2024 23:42
Operator : MA/JU
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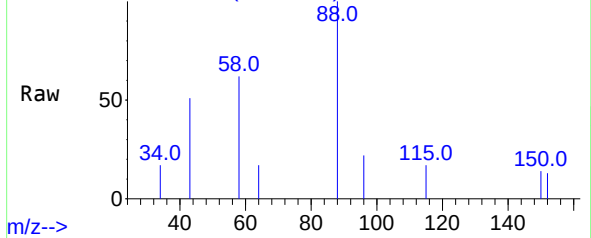
Quant Time: May 03 03:37:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 03 03:27:04 2024
Response via : Initial Calibration



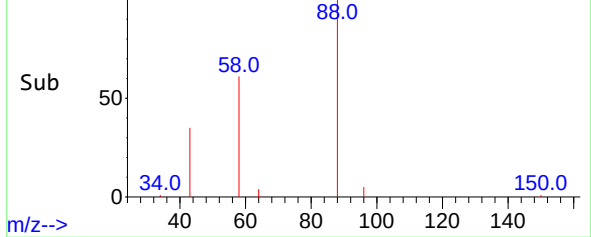
Abundance Scan 23 (3.179 min): BM045673.D\data.ms (-17)



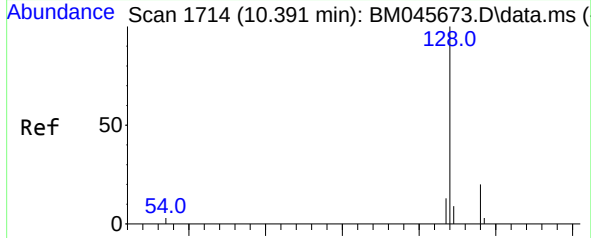
m/z--> Scan 23 (3.180 min): BM045681.D\data.ms



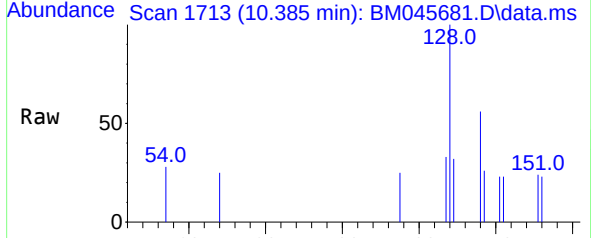
m/z--> Abundance Scan 23 (3.180 min): BM045681.D\data.ms (-9)



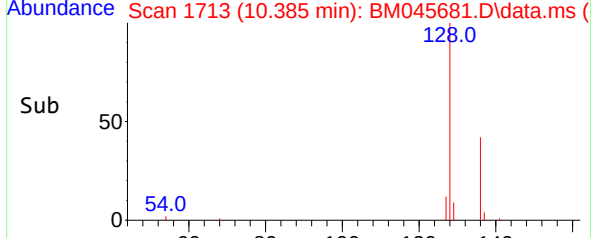
m/z--> Abundance Scan 1714 (10.391 min): BM045673.D\data.ms (-17)



m/z--> Abundance Scan 1713 (10.385 min): BM045681.D\data.ms



m/z--> Abundance Scan 1713 (10.385 min): BM045681.D\data.ms (-9)



m/z--> Abundance Scan 1713 (10.385 min): BM045681.D\data.ms (-9)



m/z--> Abundance Scan 1713 (10.385 min): BM045681.D\data.ms (-9)

m/z--> Abundance Scan 1713 (10.385 min): BM045681.D\data.ms (-9)

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m/z--> Abundance Scan 1713 (10.385 min): BM045681.D\data.ms (-9)

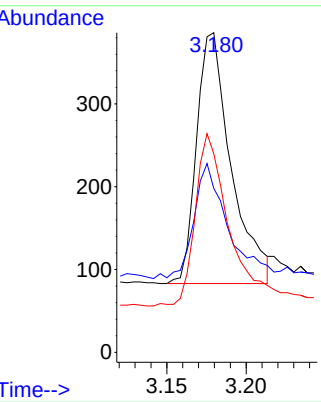
m/z--> Abundance Scan 1713 (10.385 min): BM045681.D\data.ms (-9)

m/z--> Abundance Scan 1713 (10.385 min): BM045681.D\data.ms (-9)

#2
1,4-Dioxane
Concen: 1.799 ng/ul
RT: 3.180 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

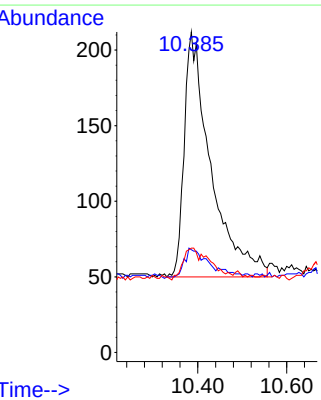
Instrument :
BNA_M
ClientSampleId :
SLCS612

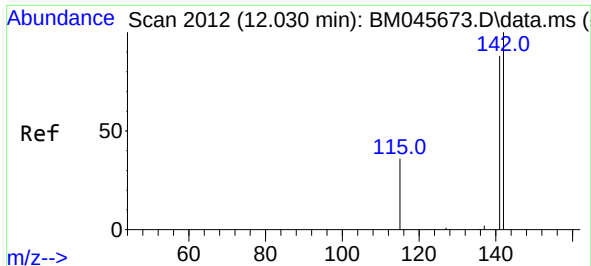
Tgt Ion: 88	Resp: 458
Ion Ratio	Lower Upper
88	100
43	51.3 67.4 101.2#
58	62.2 56.1 84.1



#5
Naphthalene
Concen: 0.364 ng/ul
RT: 10.385 min Scan# 1713
Delta R.T. -0.005 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

Tgt Ion: 128	Resp: 672
Ion Ratio	Lower Upper
128	100
129	32.1 26.2 39.4
127	32.5 27.4 41.2

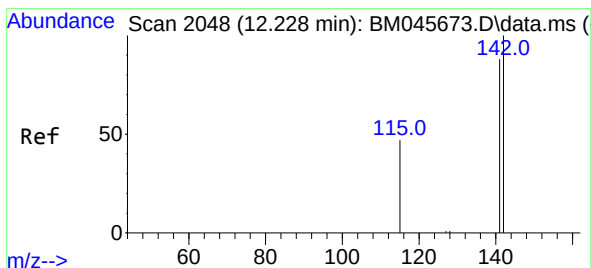
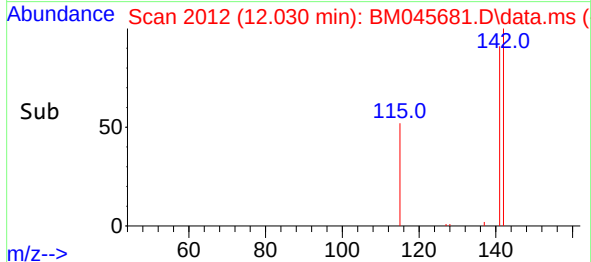
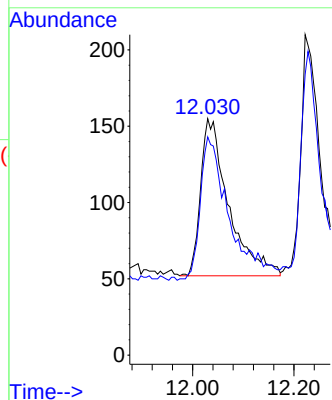
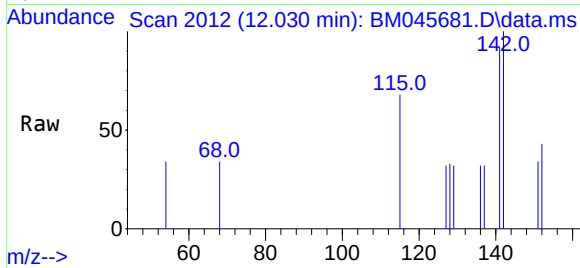




#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.030 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

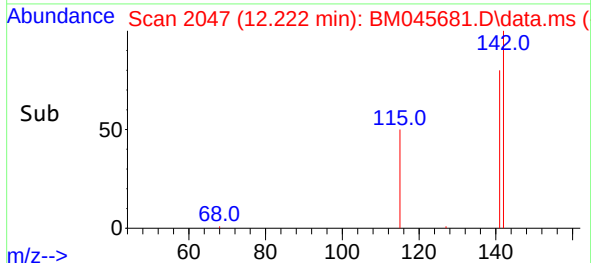
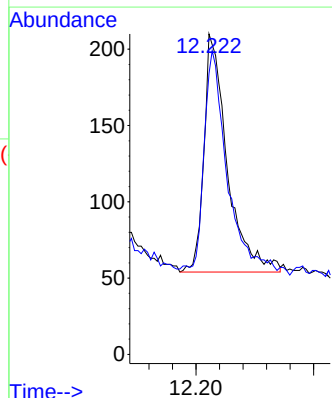
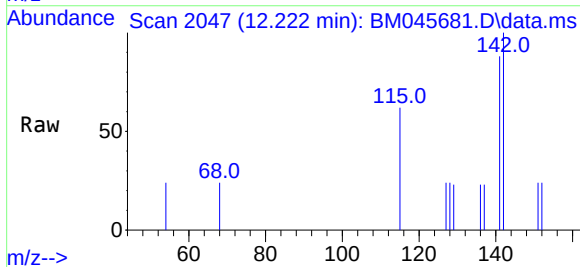
Instrument :
BNA_M
ClientSampleId :
SLCS612

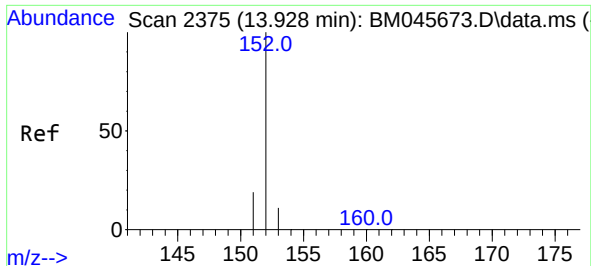
Tgt Ion:142 Resp: 394
Ion Ratio Lower Upper
142 100
141 92.9 76.9 115.3



#8
1-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

Tgt Ion:142 Resp: 429
Ion Ratio Lower Upper
142 100
141 89.3 79.4 119.2

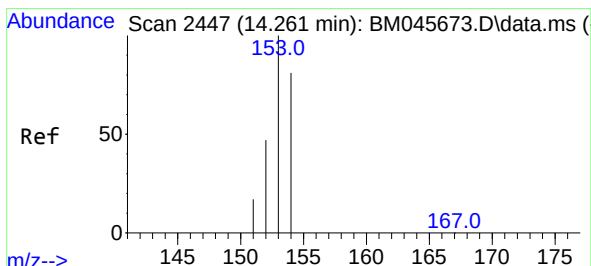
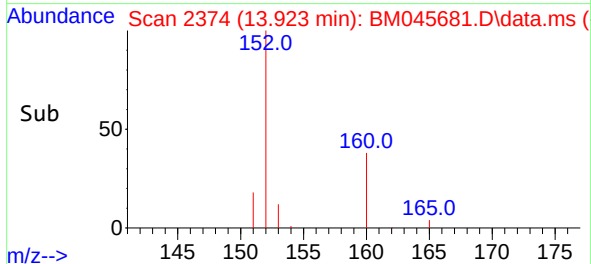
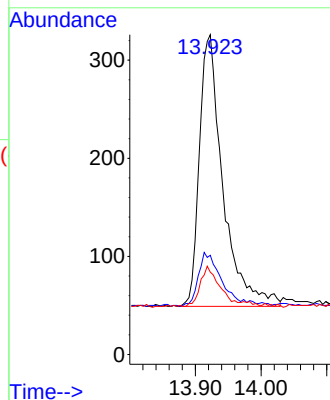
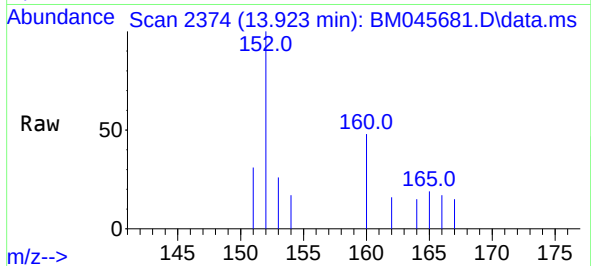




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 13.923 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

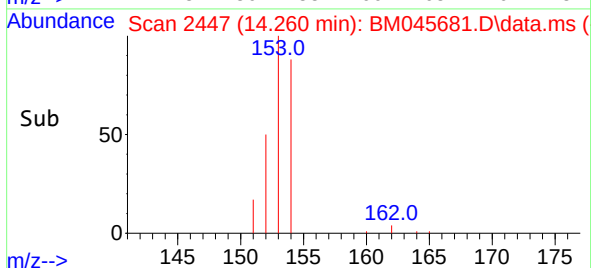
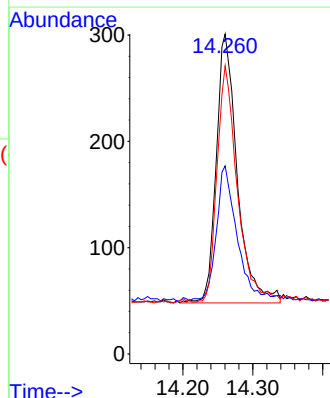
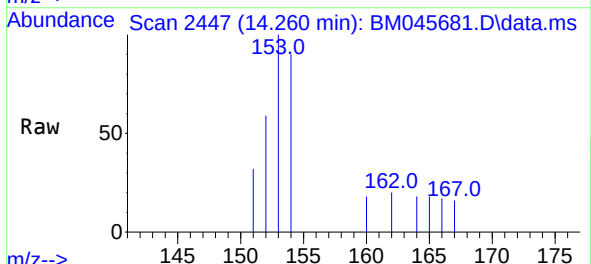
Instrument :
BNA_M
ClientSampleId :
SLCS612

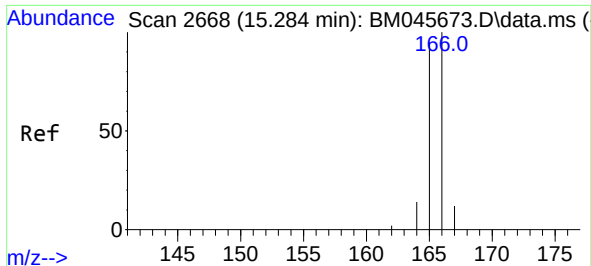
Tgt Ion:	152	Resp:	689
Ion	Ratio	Lower	Upper
152	100		
151	31.0	25.0	37.4
153	25.8	19.6	29.4



#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.260 min Scan# 2447
Delta R.T. -0.001 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

Tgt Ion:	153	Resp:	529
Ion	Ratio	Lower	Upper
153	100		
152	58.8	45.1	67.7
154	90.0	67.6	101.4



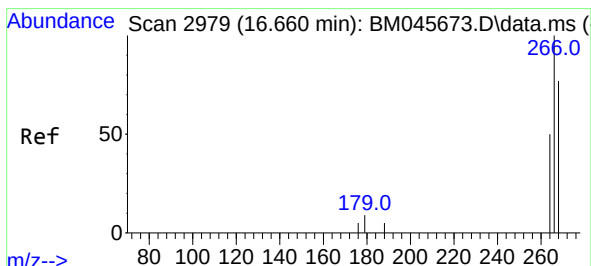
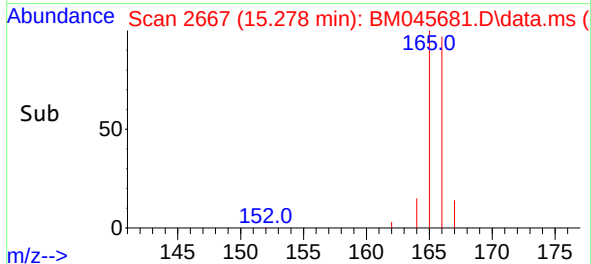
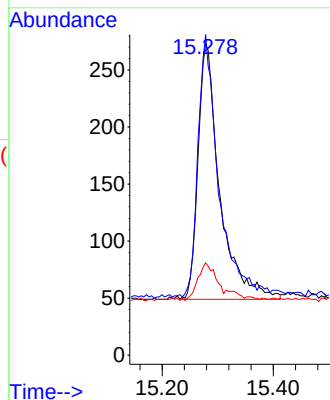
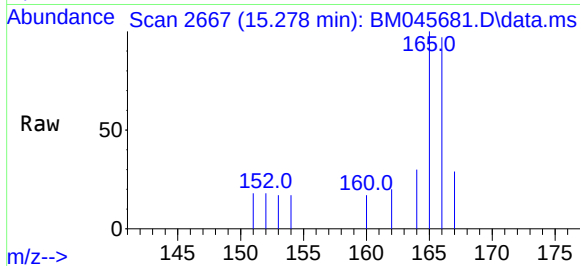


#12
Fluorene
Concen: 0.352 ng/ul
RT: 15.278 min Scan# 20
Delta R.T. -0.005 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

Instrument :
BNA_M
ClientSampleId :
SLCS612

Tgt Ion:166 Resp: 608

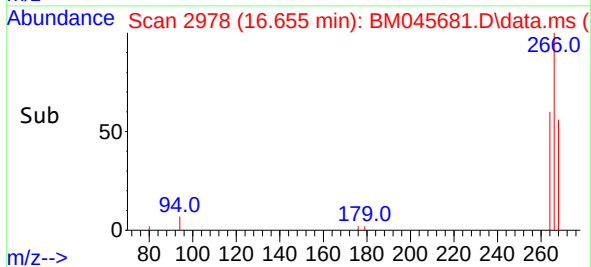
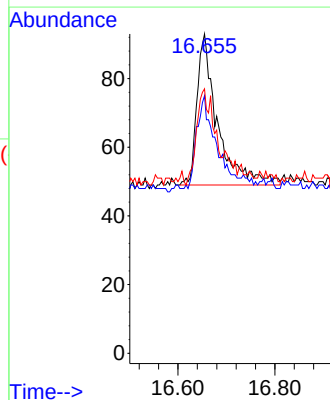
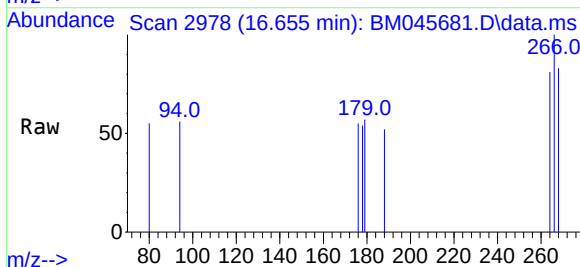
Ion	Ratio	Lower	Upper
166	100		
165	102.9	77.5	116.3
167	29.7	21.8	32.6

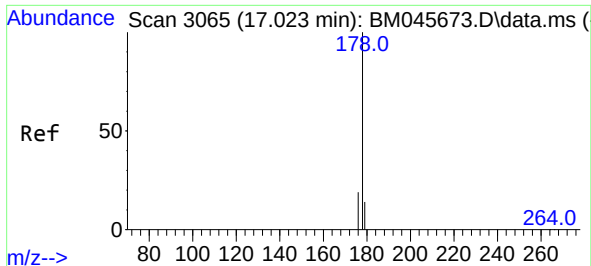


#14
Pentachlorophenol
Concen: 0.680 ng/ul
RT: 16.655 min Scan# 2978
Delta R.T. -0.005 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

Tgt Ion:266 Resp: 130

Ion	Ratio	Lower	Upper
266	100		
264	61.5	40.0	60.0#
268	70.0	50.6	76.0

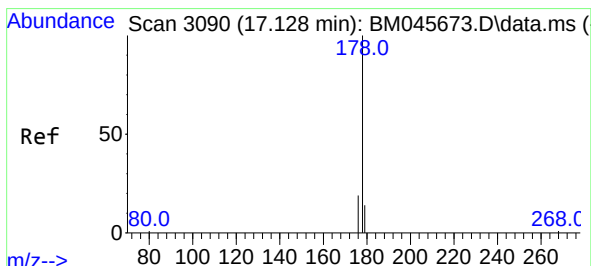
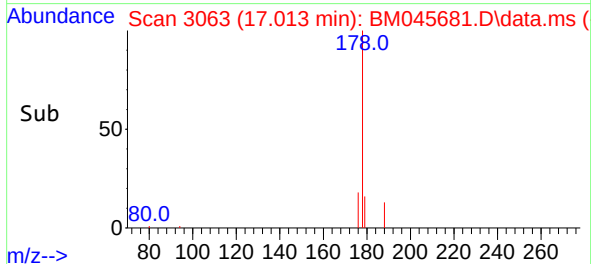
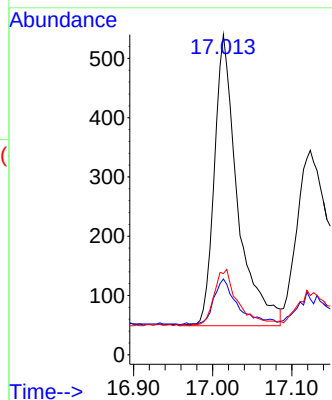
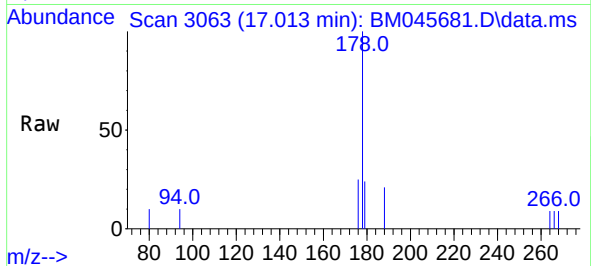




#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 17.013 min Scan# 3063
Delta R.T. -0.009 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

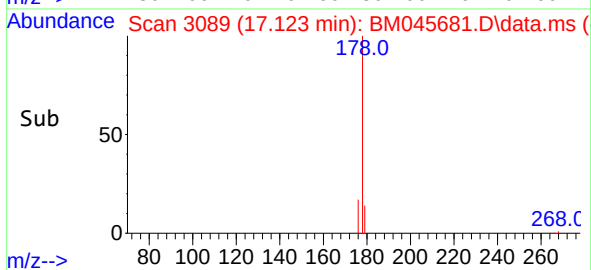
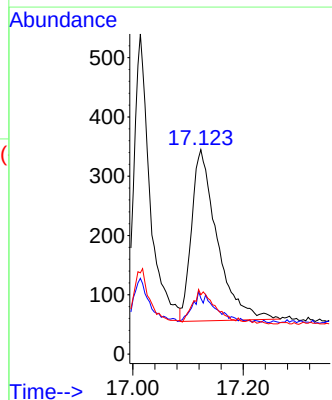
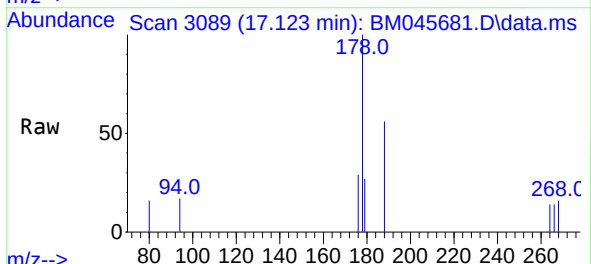
Instrument :
BNA_M
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SLCS612

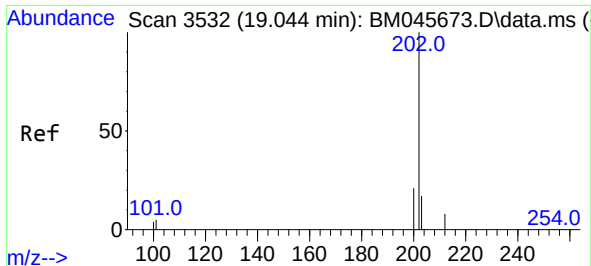
Tgt Ion:	178	Resp:	1000
Ion	Ratio	Lower	Upper
178	100		
179	23.7	18.3	27.5
176	25.4	21.8	32.6



#16
Anthracene
Concen: 0.359 ng/ul
RT: 17.123 min Scan# 3089
Delta R.T. -0.005 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

Tgt Ion:	178	Resp:	928
Ion	Ratio	Lower	Upper
178	100		
179	27.2	20.9	31.3
176	29.0	22.9	34.3



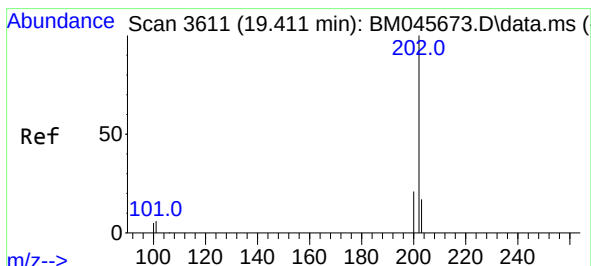
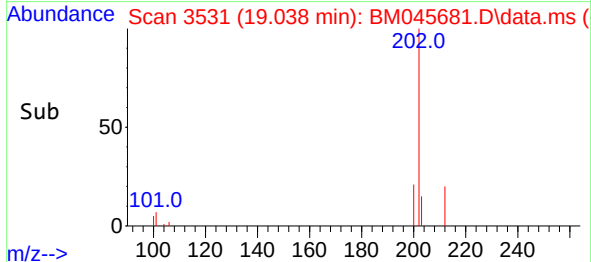
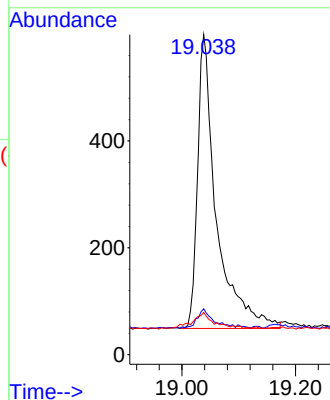
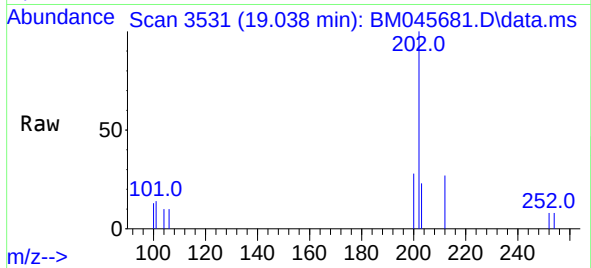


#19
Fluoranthene
Concen: 0.359 ng/ul
RT: 19.038 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

Instrument :
BNA_M
ClientSampleId :
SLCS612

Tgt Ion:202 Resp: 1267

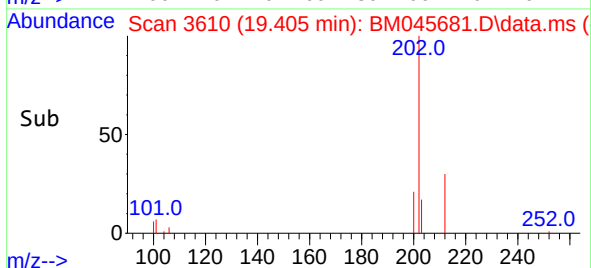
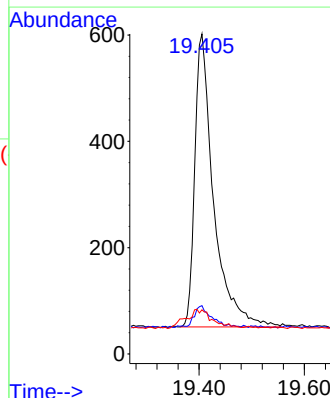
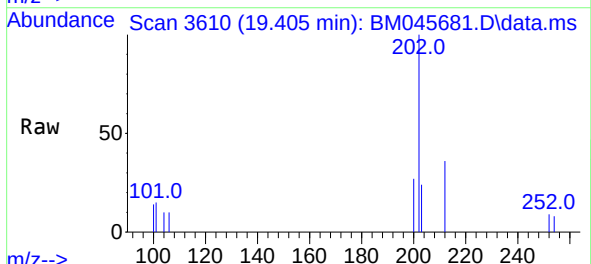
Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.1	15.1
100	13.2	9.4	14.0

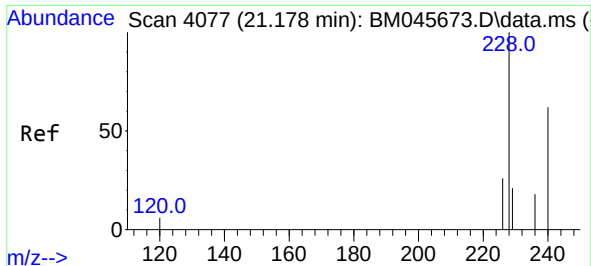


#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.405 min Scan# 3610
Delta R.T. -0.005 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

Tgt Ion:202 Resp: 1366

Ion	Ratio	Lower	Upper
202	100		
101	15.1	10.7	16.1
100	13.8	9.8	14.8



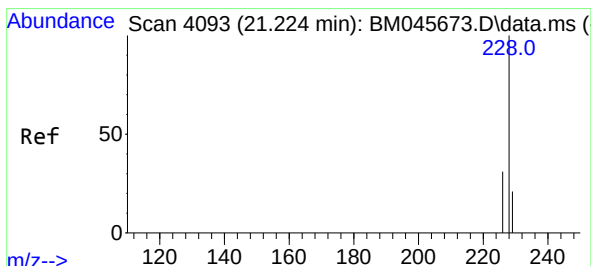
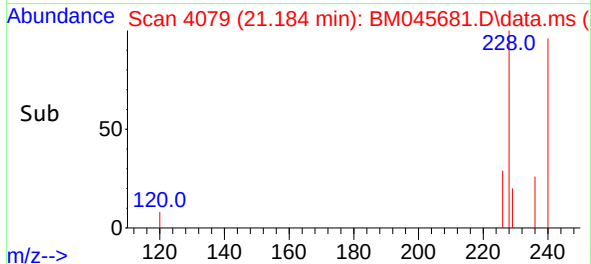
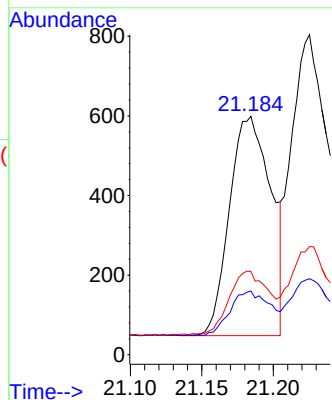
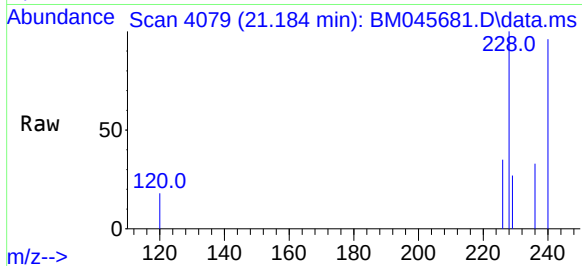


#21
Benzo(a)anthracene
Concen: 0.343 ng/ul
RT: 21.184 min Scan# 4079
Delta R.T. 0.007 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

Instrument :
BNA_M
ClientSampleId :
SLCS612

Tgt Ion:228 Resp: 1113

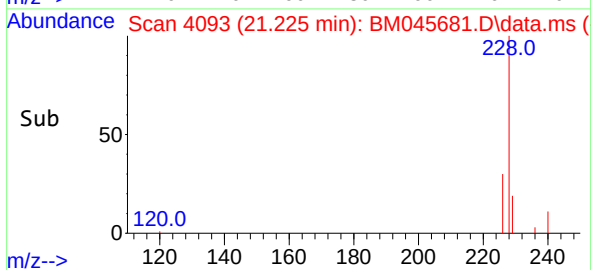
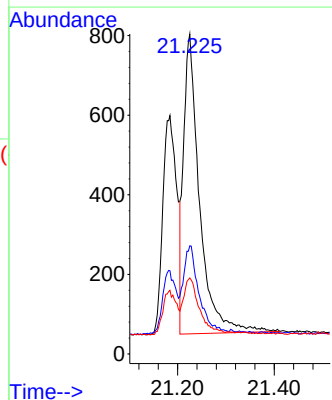
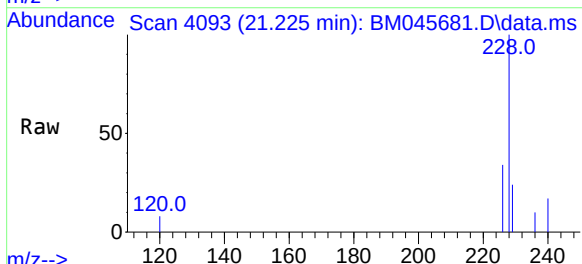
Ion	Ratio	Lower	Upper
228	100		
229	26.7	21.3	31.9
226	34.9	25.5	38.3

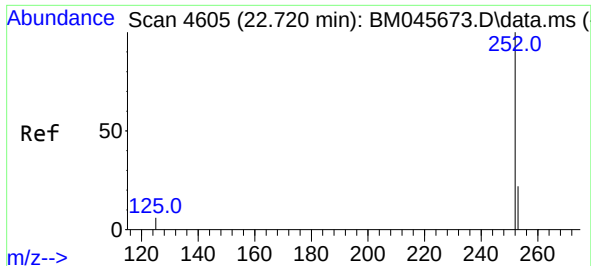


#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.225 min Scan# 4093
Delta R.T. 0.001 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

Tgt Ion:228 Resp: 1725

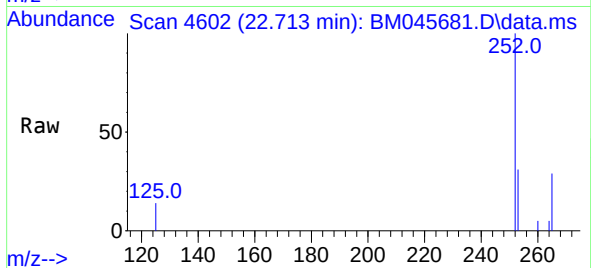
Ion	Ratio	Lower	Upper
228	100		
226	33.8	27.7	41.5
229	23.8	19.7	29.5



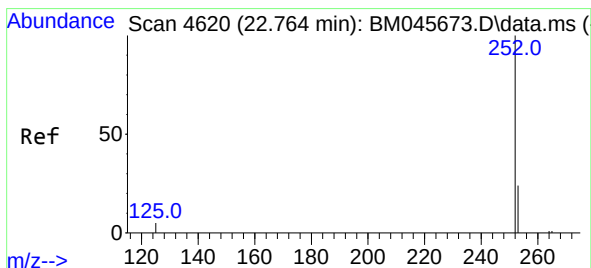
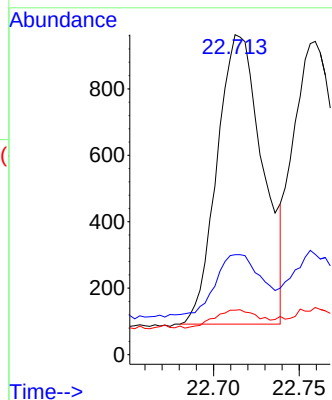


#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul
RT: 22.713 min Scan# 4602
Delta R.T. -0.008 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

Instrument :
BNA_M
ClientSampleId :
SLCS612

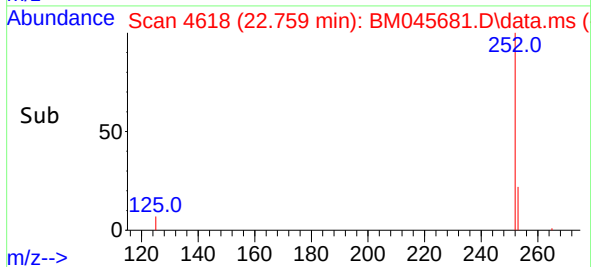
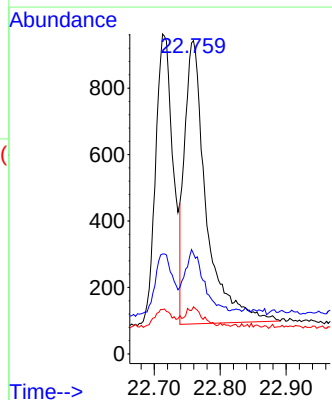
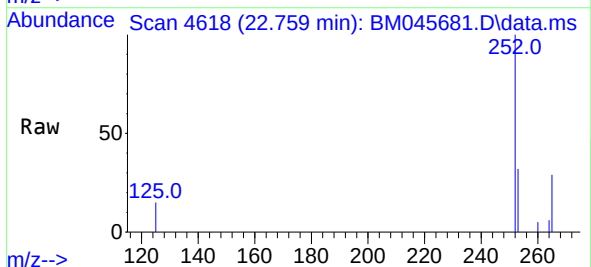


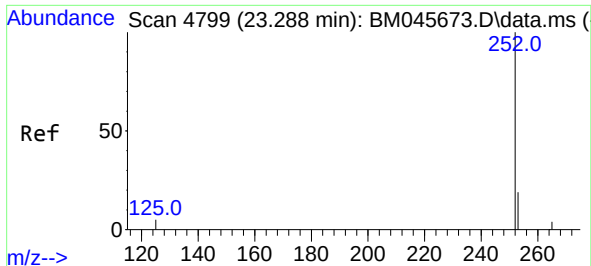
Tgt Ion:252 Resp: 1615
Ion Ratio Lower Upper
252 100
253 31.3 0.0 67.2
125 13.9 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 22.759 min Scan# 4618
Delta R.T. -0.005 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

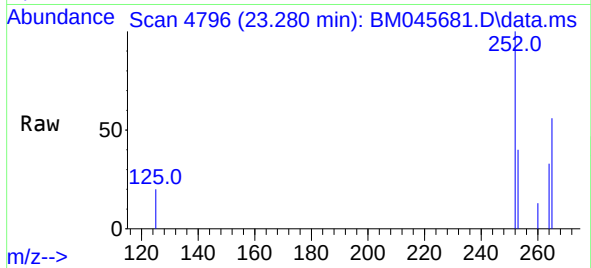
Tgt Ion:252 Resp: 1937
Ion Ratio Lower Upper
252 100
253 32.0 27.8 41.6
125 15.1 11.9 17.9



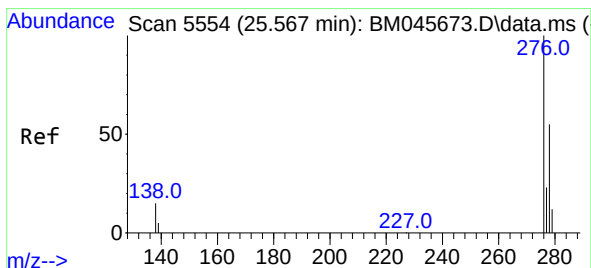
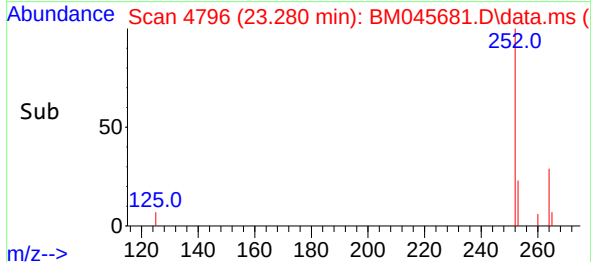
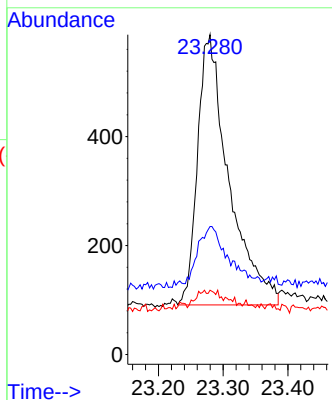


#26
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.280 min Scan# 4796
Delta R.T. -0.008 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

Instrument :
BNA_M
ClientSampleId :
SLCS612

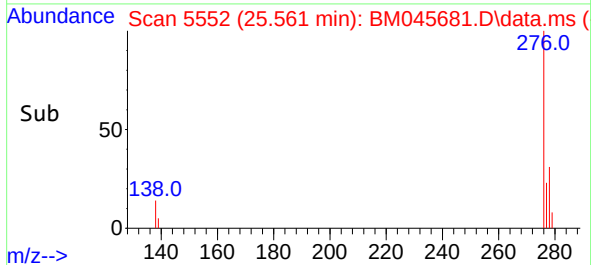
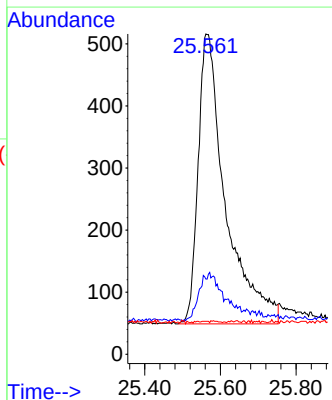
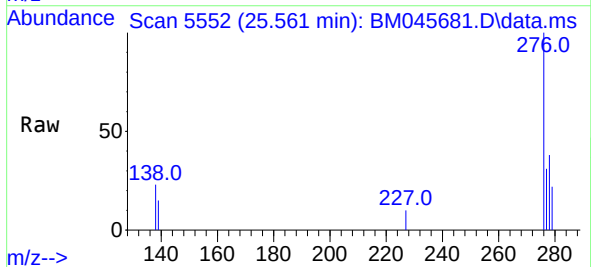


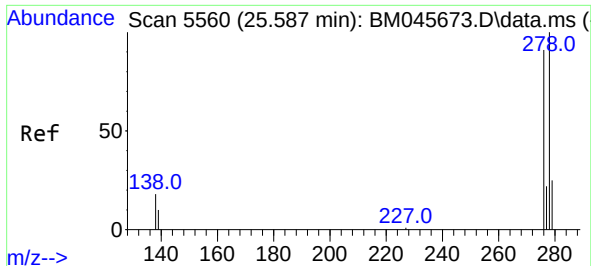
Tgt Ion:	252	Resp:	1666
Ion	Ratio	Lower	Upper
252	100		
253	40.0	31.7	47.5
125	20.1	15.8	23.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 25.561 min Scan# 5552
Delta R.T. -0.006 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

Tgt Ion:	276	Resp:	2351
Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.1	19.7
227	0.3	0.2	0.2



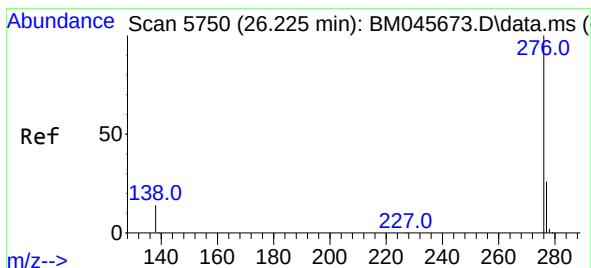
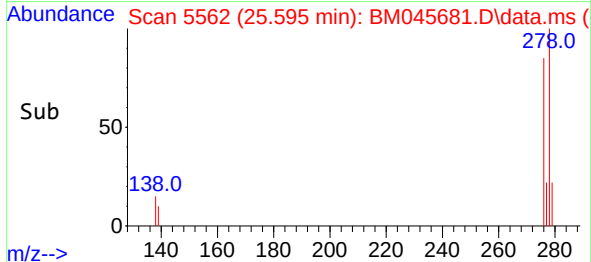
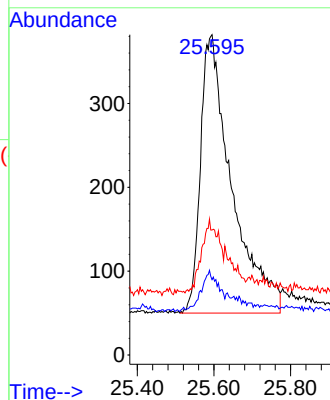
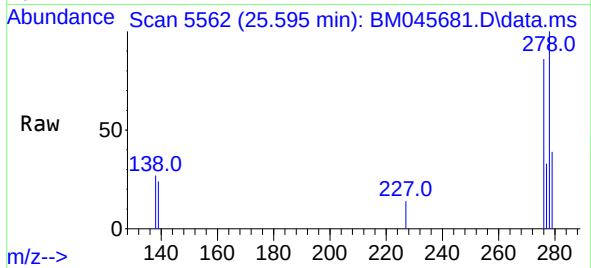


#28
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 25.595 min Scan# 51
Delta R.T. 0.008 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

Instrument :
BNA_M
ClientSampleId :
SLCS612

Tgt Ion:278 Resp: 1882

Ion	Ratio	Lower	Upper
278	100		
139	23.6	16.9	25.3
279	39.0	31.8	47.8



#29
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 26.229 min Scan# 5751
Delta R.T. 0.004 min
Lab File: BM045681.D
Acq: 02 May 2024 23:42

Tgt Ion:276 Resp: 2120

Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.8	28.2
277	32.1	27.1	40.7

