

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
 Data File : BM044948.D
 Acq On : 05 Apr 2024 14:20
 Operator : MA/JU
 Sample : PB160015BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS015

Quant Time: Apr 05 15:37:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 23:34:03 2024
 Response via : Initial Calibration

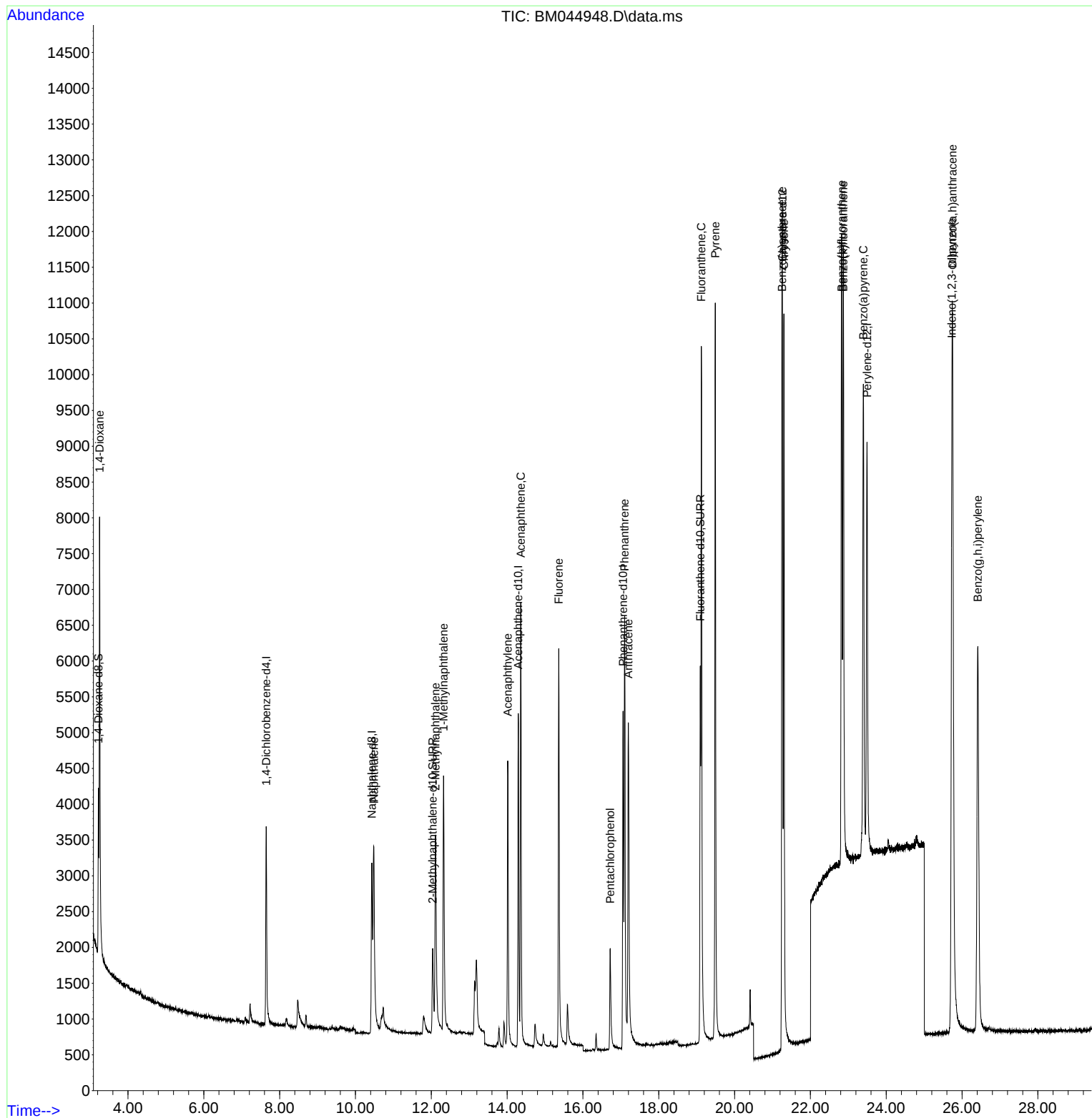
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.648	152	1772	0.400	ng/ul	0.00
4) Naphthalene-d8	10.430	136	5249	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.294	164	2988	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.057	188	6999	0.400	ng/ul	-0.01
17) Chrysene-d12	21.262	240	6495	0.400	ng/ul	0.00
23) Perylene-d12	23.492	264	8398	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1633	0.702	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	2667	0.375	ng/ul	-0.02
18) Fluoranthene-d10	19.095	212	7138	0.435	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.251	88	4363	1.955	ng/ul#	81
5) Naphthalene	10.485	128	5238	0.376	ng/ul	100
7) 2-Methylnaphthalene	12.112	142	3191	0.384	ng/ul	98
8) 1-Methylnaphthalene	12.321	142	3319	0.365	ng/ul	100
10) Acenaphthylene	14.016	152	5619	0.377	ng/ul	100
11) Acenaphthene	14.358	153	4139	0.388	ng/ul	100
12) Fluorene	15.362	166	4634	0.387	ng/ul	97
14) Pentachlorophenol	16.719	266	1534	0.935	ng/ul	97
15) Phenanthrene	17.099	178	7742	0.393	ng/ul	100
16) Anthracene	17.196	178	7836	0.404	ng/ul	99
19) Fluoranthene	19.123	202	9785	0.422	ng/ul	99
20) Pyrene	19.490	202	10398	0.424	ng/ul	99
21) Benzo(a)anthracene	21.251	228	9557	0.423	ng/ul	99
22) Chrysene	21.300	228	10864	0.385	ng/ul	100
24) Benzo(b)fluoranthene	22.823	252	11853	0.391	ng/ul	98
25) Benzo(k)fluoranthene	22.867	252	12573	0.370	ng/ul	99
26) Benzo(a)pyrene	23.396	252	11348	0.392	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.732	276	15303	0.386	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.748	278	12177	0.387	ng/ul	97
29) Benzo(g,h,i)perylene	26.416	276	12919	0.377	ng/ul	98

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

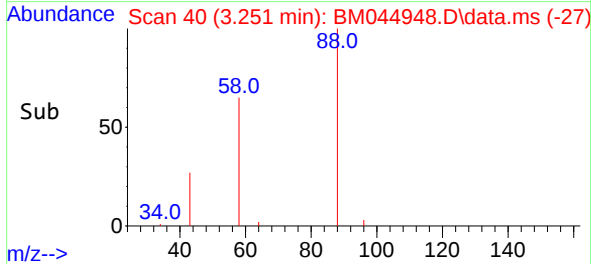
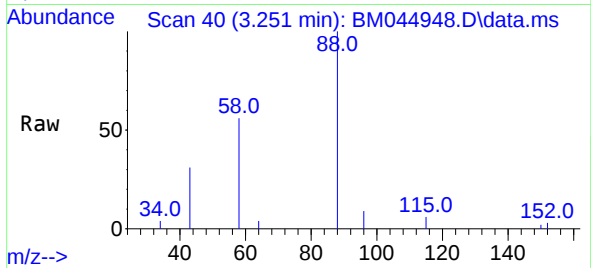
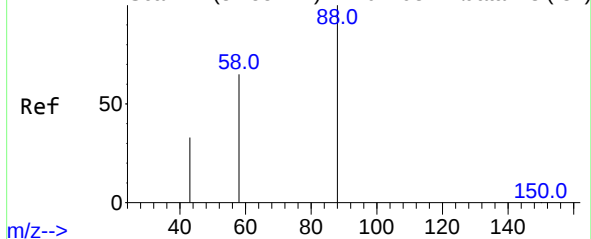
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044948.D
Acq On : 05 Apr 2024 14:20
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Sample : PB160015BS
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Quant Time: Apr 05 15:37:17 2024
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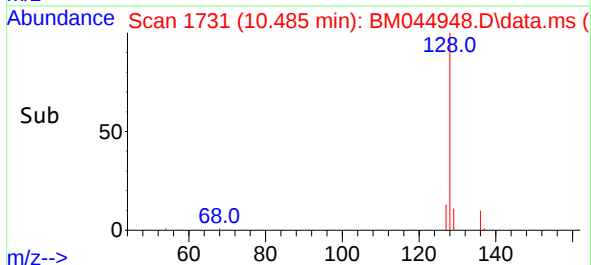
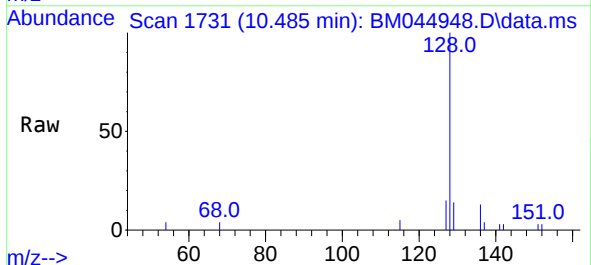
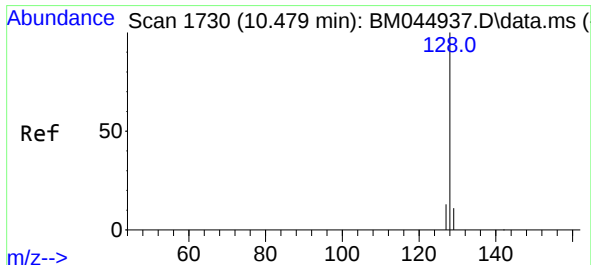
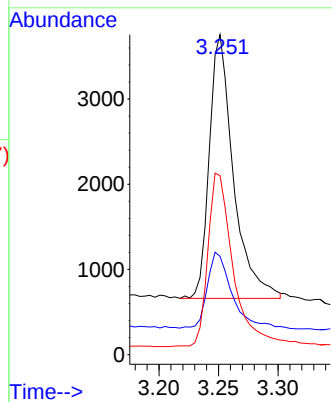
Abundance Scan 41 (3.255 min): BM044937.D\data.ms (-34)



#2
1,4-Dioxane
Concen: 1.955 ng/ul
RT: 3.251 min Scan# 40
Delta R.T. -0.004 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

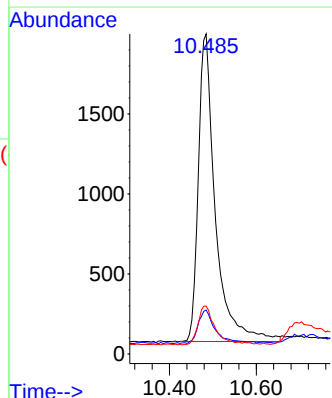
Instrument :
BNA_M
ClientSampleId :
SLCS015

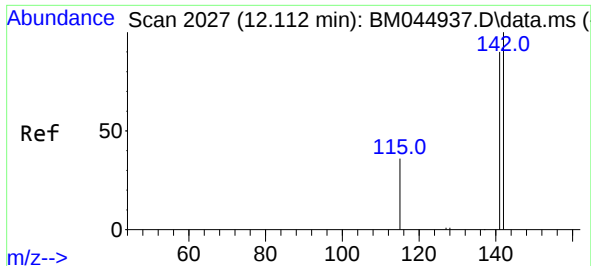
Tgt Ion: 88 Resp: 4363
Ion Ratio Lower Upper
88 100
43 30.7 30.6 46.0
58 56.0 32.6 48.8#



#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.485 min Scan# 1731
Delta R.T. -0.011 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

Tgt Ion: 128 Resp: 5238
Ion Ratio Lower Upper
128 100
129 13.8 11.3 16.9
127 14.9 11.9 17.9

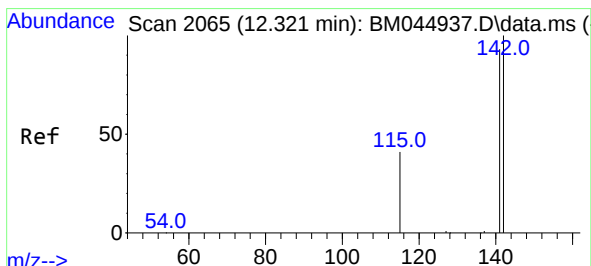
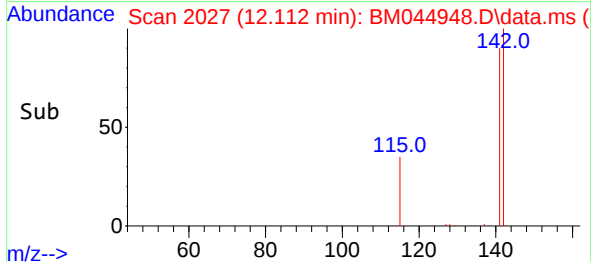
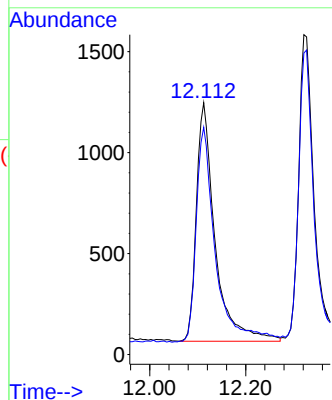
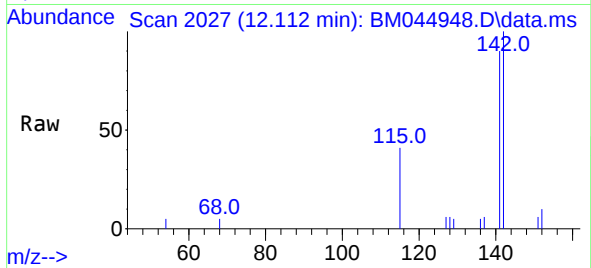




#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.112 min Scan# 2027
Delta R.T. -0.016 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

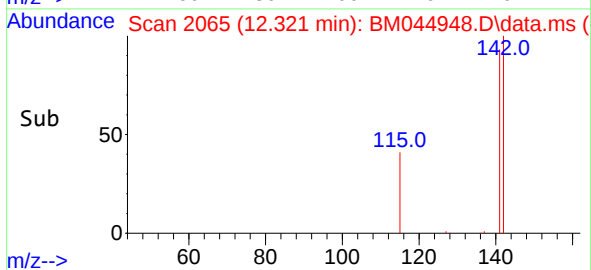
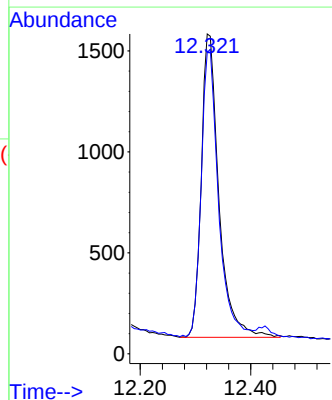
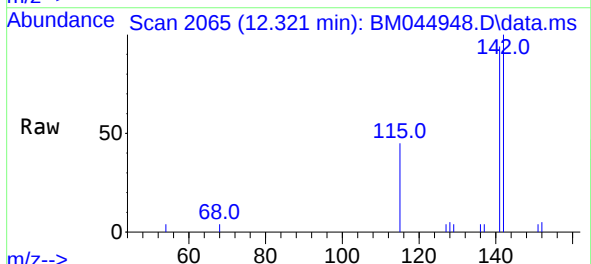
Instrument :
BNA_M
ClientSampleId :
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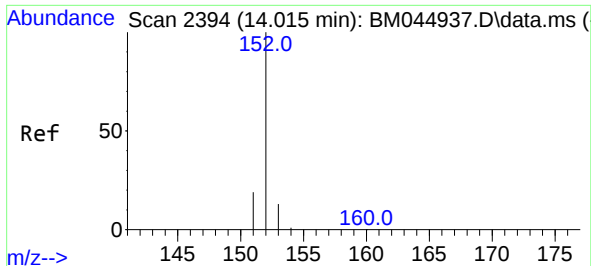
Tgt Ion:142 Resp: 3191
Ion Ratio Lower Upper
142 100
141 94.1 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.321 min Scan# 2065
Delta R.T. -0.016 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

Tgt Ion:142 Resp: 3319
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.2

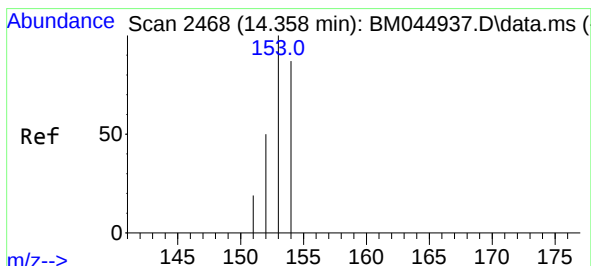
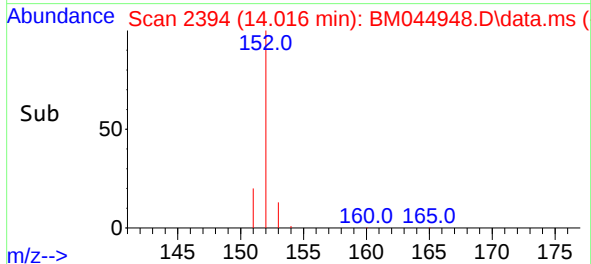
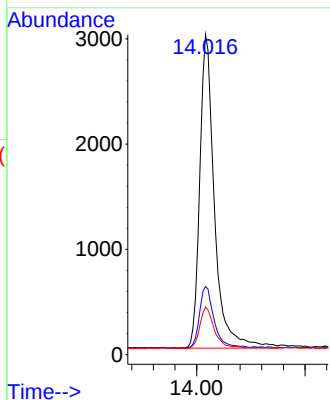
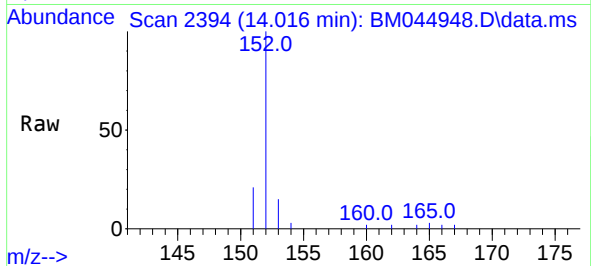




#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 14.016 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

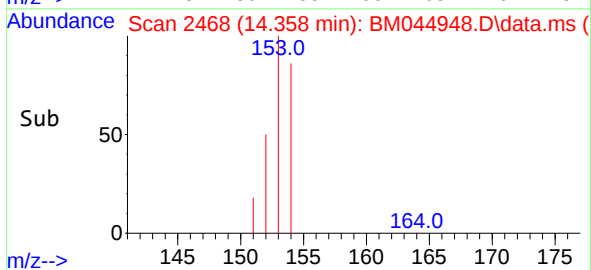
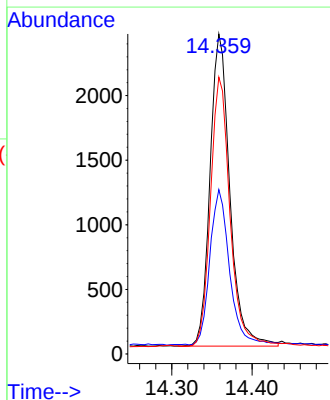
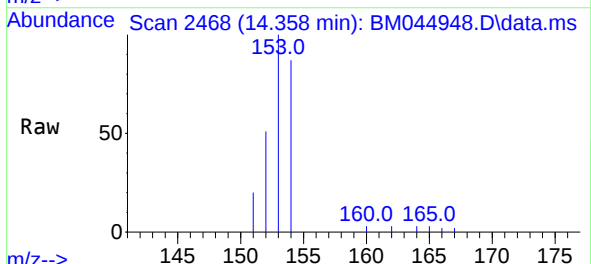
Instrument :
BNA_M
ClientSampleId :
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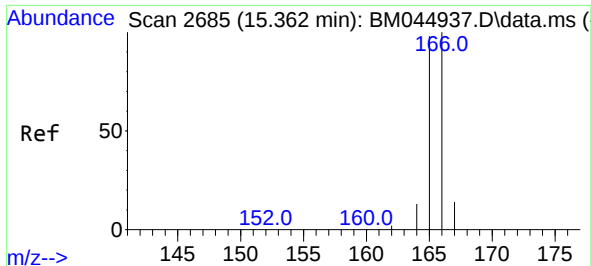
Tgt Ion:	152	Resp:	5619
Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.0	25.4
153	15.0	11.9	17.9



#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. -0.008 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

Tgt Ion:	153	Resp:	4139
Ion	Ratio	Lower	Upper
153	100		
152	51.4	41.2	61.8
154	86.5	69.4	104.0

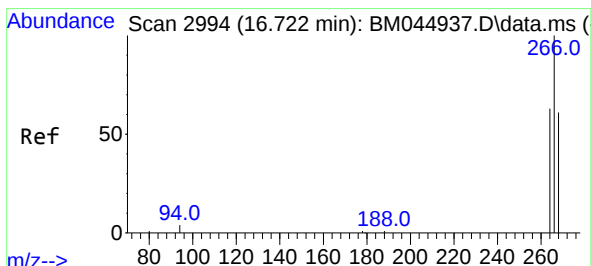
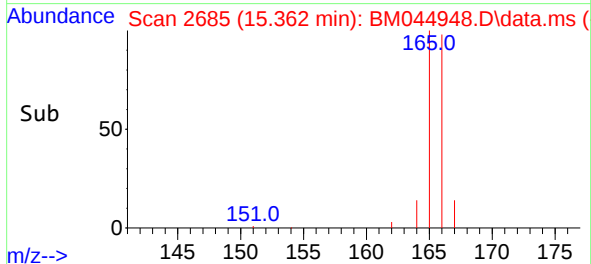
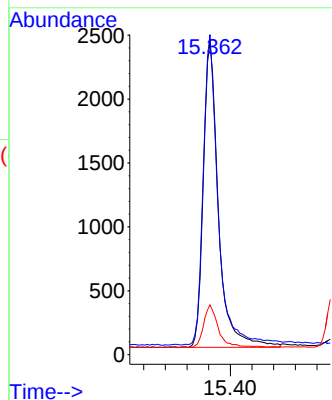
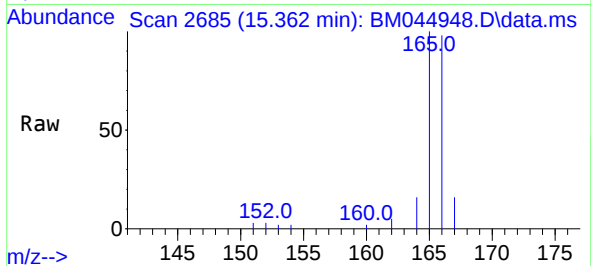




#12
Fluorene
Concen: 0.387 ng/ul
RT: 15.362 min Scan# 20
Delta R.T. -0.013 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

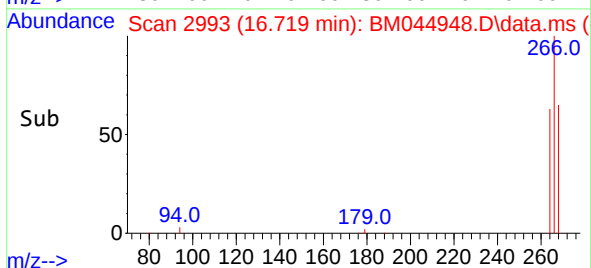
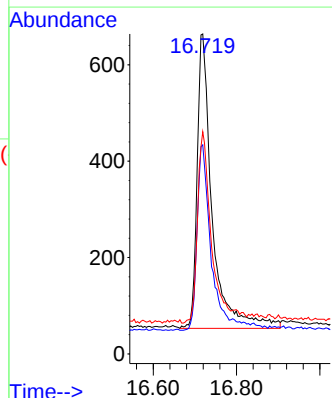
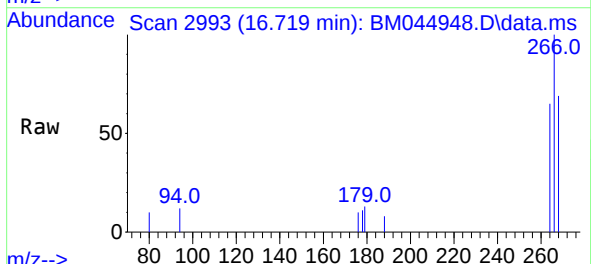
Instrument :
BNA_M
ClientSampleId :
SLCS015

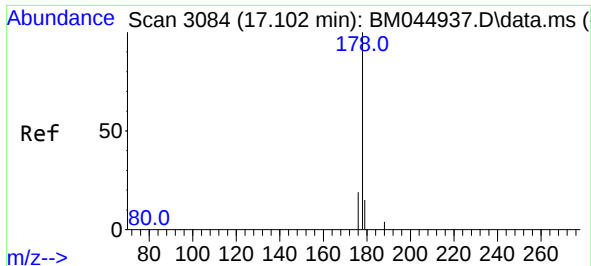
Tgt Ion:166 Resp: 4634
Ion Ratio Lower Upper
166 100
165 102.5 79.9 119.9
167 16.0 12.2 18.2



#14
Pentachlorophenol
Concen: 0.935 ng/ul
RT: 16.719 min Scan# 2993
Delta R.T. -0.016 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

Tgt Ion:266 Resp: 1534
Ion Ratio Lower Upper
266 100
264 60.2 48.3 72.5
268 61.5 52.6 79.0

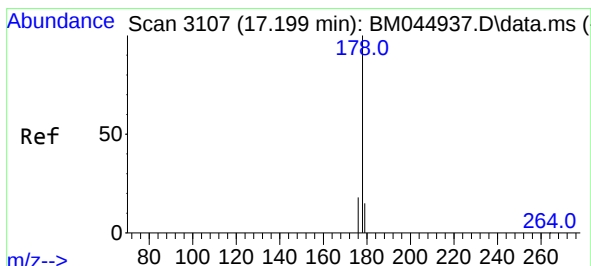
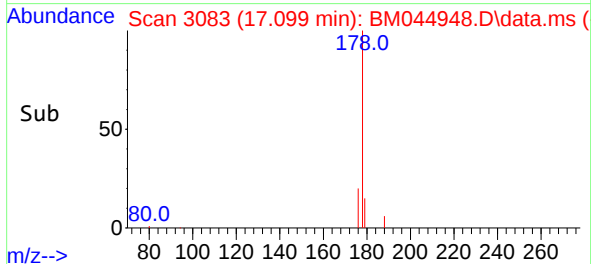
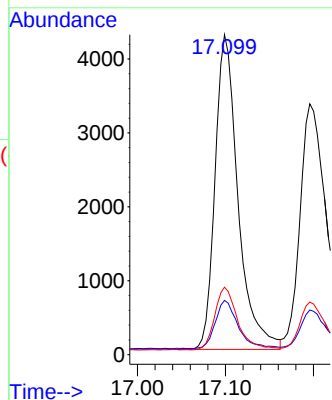
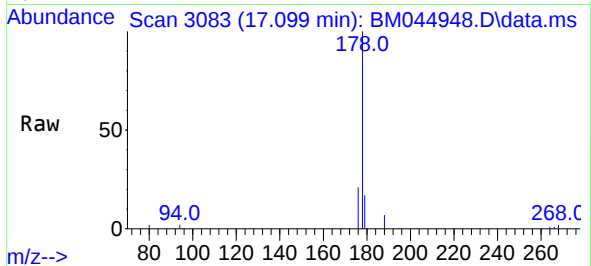




#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.099 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

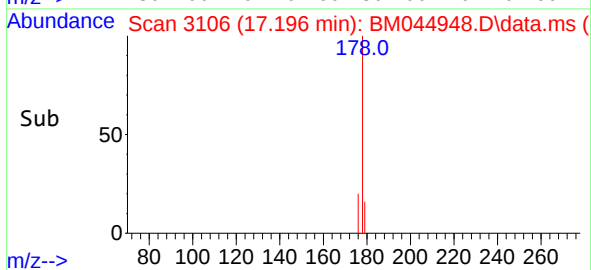
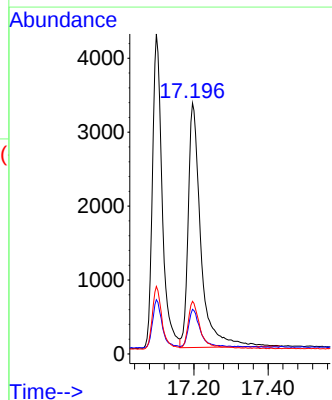
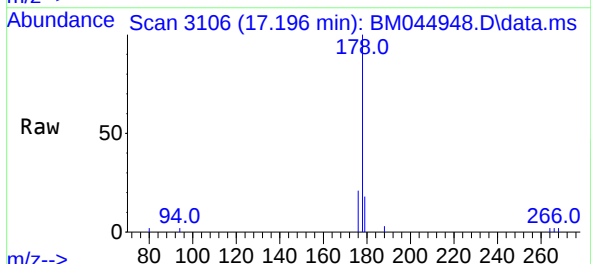
Instrument :
BNA_M
ClientSampleId :
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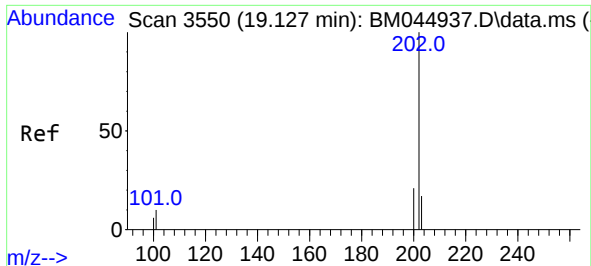
Tgt Ion:178 Resp: 7742
Ion Ratio Lower Upper
178 100
179 16.9 13.7 20.5
176 21.1 17.0 25.4



#16
Anthracene
Concen: 0.404 ng/ul
RT: 17.196 min Scan# 3106
Delta R.T. -0.016 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

Tgt Ion:178 Resp: 7836
Ion Ratio Lower Upper
178 100
179 17.8 13.8 20.8
176 21.0 16.2 24.4

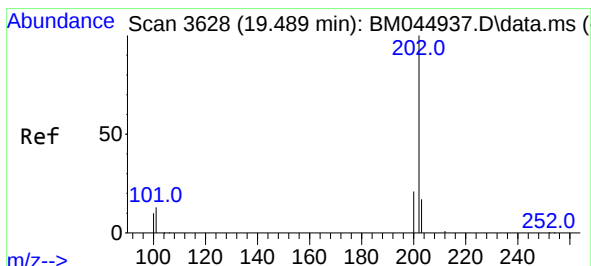
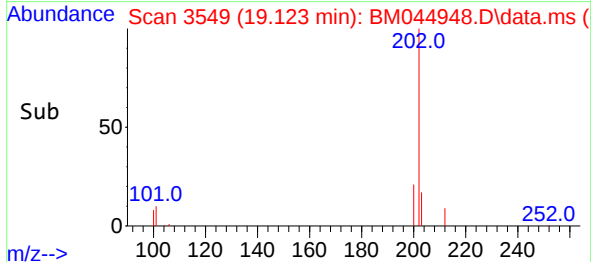
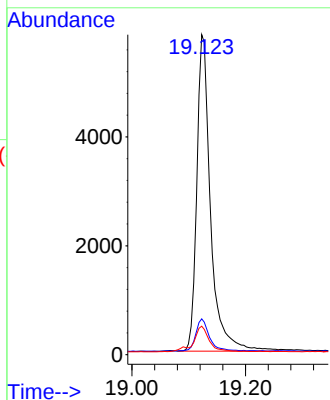
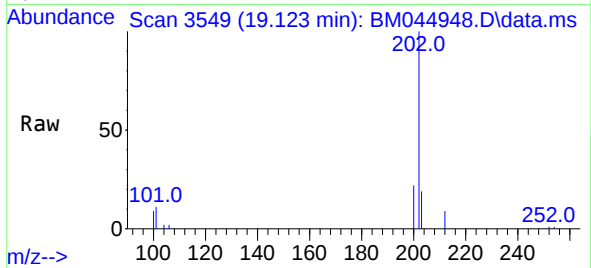




#19
Fluoranthene
Concen: 0.422 ng/ul
RT: 19.123 min Scan# 3549
Delta R.T. -0.013 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

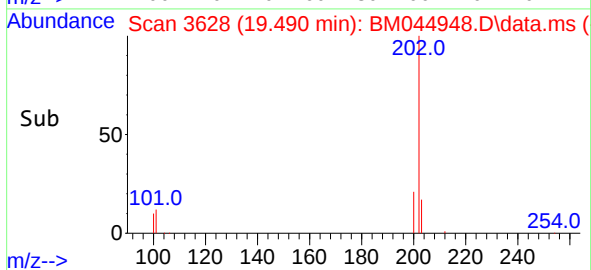
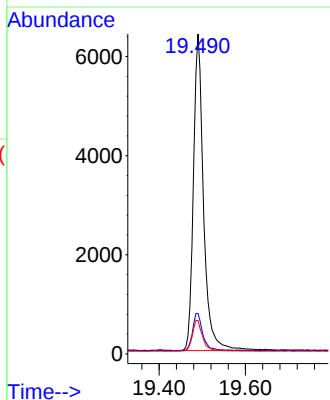
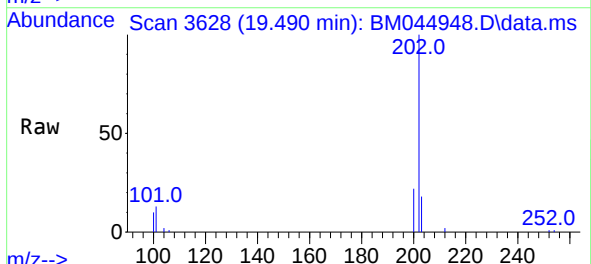
Instrument :
BNA_M
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SLCS015

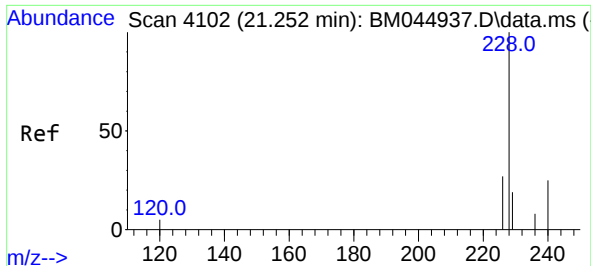
Tgt Ion:202 Resp: 9785
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.9 7.0 10.4



#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.490 min Scan# 3628
Delta R.T. -0.013 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

Tgt Ion:202 Resp: 10398
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.6
100 10.5 8.1 12.1



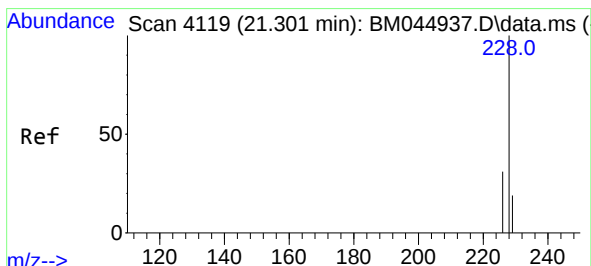
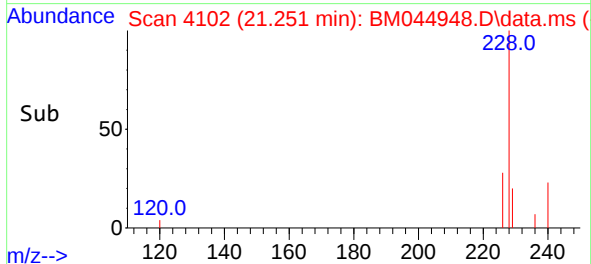
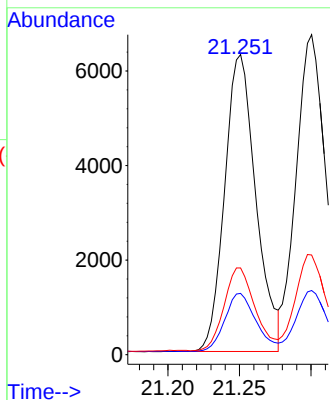
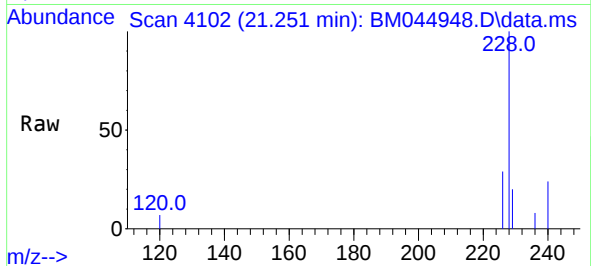


#21
Benzo(a)anthracene
Concen: 0.423 ng/ul
RT: 21.251 min Scan# 4102
Delta R.T. -0.010 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

Instrument :
BNA_M
ClientSampleId :
SLCS015

Tgt Ion:228 Resp: 9557

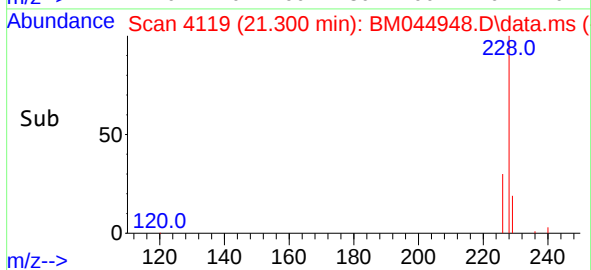
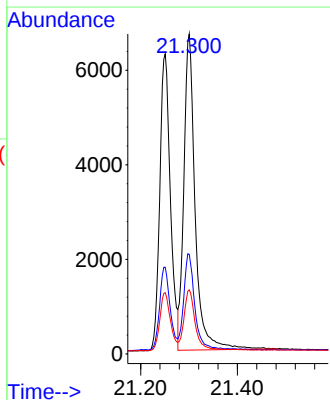
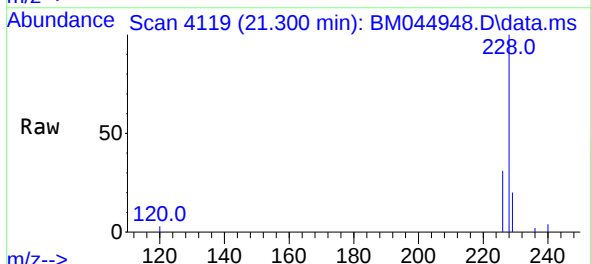
Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.4	24.6
226	28.9	22.3	33.5

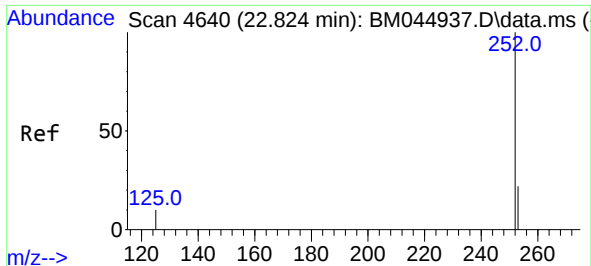


#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.300 min Scan# 4119
Delta R.T. -0.010 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

Tgt Ion:228 Resp: 10864

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.0	15.9	23.9

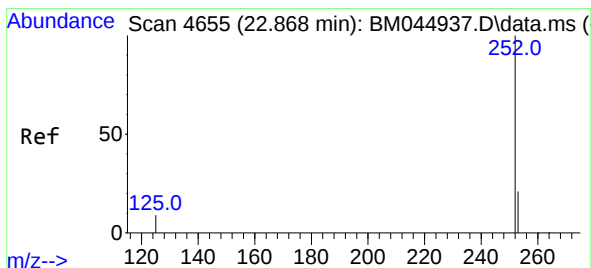
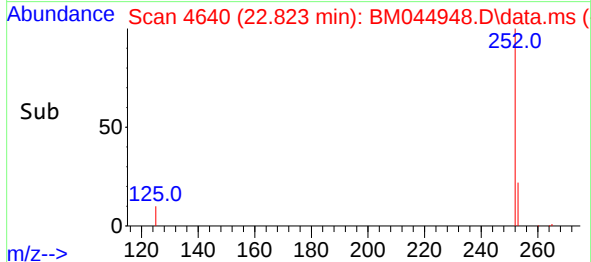
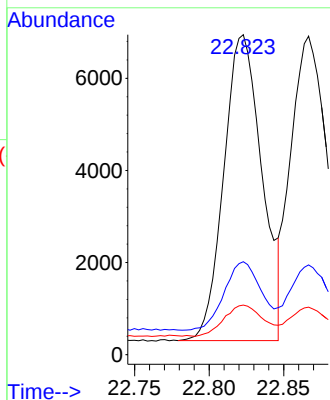
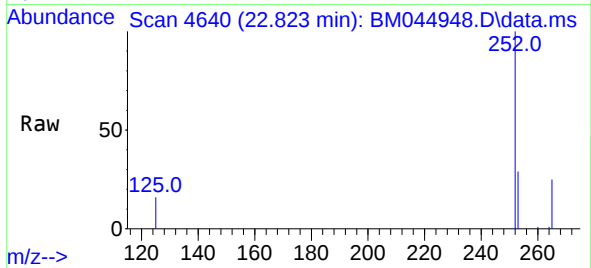




#24
Benzo(b)fluoranthene
Concen: 0.391 ng/ul
RT: 22.823 min Scan# 4640
Delta R.T. -0.012 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

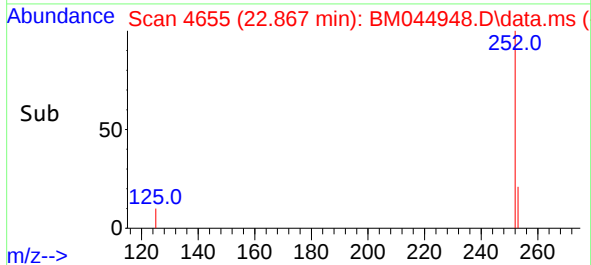
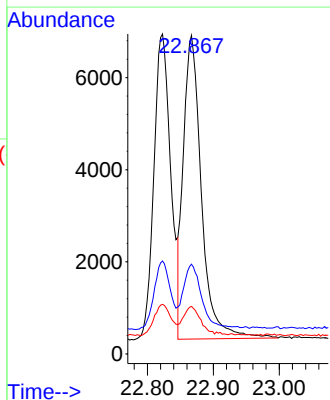
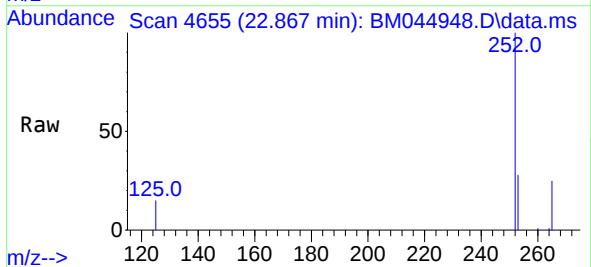
Instrument :
BNA_M
ClientSampleId :
SLCS015

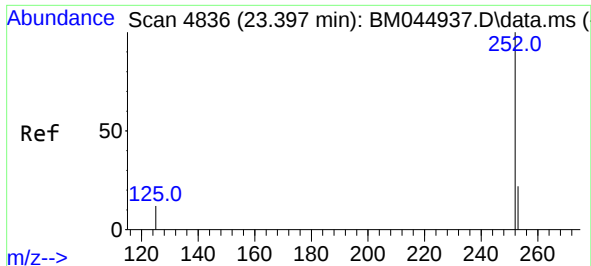
Tgt Ion:	252	Resp:	11853
Ion	Ratio	Lower	Upper
252	100		
253	29.1	0.0	56.4
125	15.5	0.0	33.4



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 22.867 min Scan# 4655
Delta R.T. -0.015 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

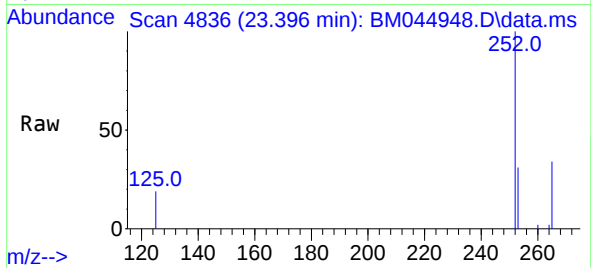
Tgt Ion:	252	Resp:	12573
Ion	Ratio	Lower	Upper
252	100		
253	28.2	22.3	33.5
125	14.9	11.6	17.4



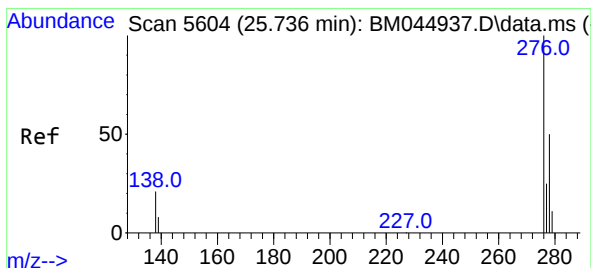
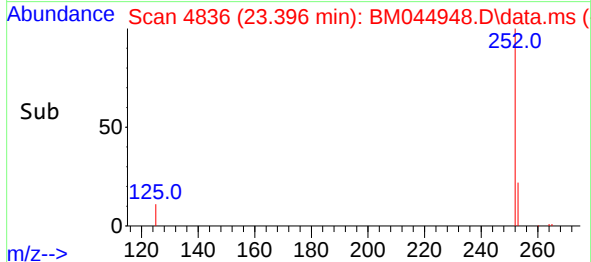
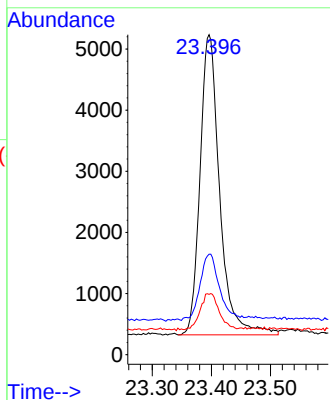


#26
Benzo(a)pyrene
Concen: 0.392 ng/ul
RT: 23.396 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

Instrument :
BNA_M
ClientSampleId :
SLCS015

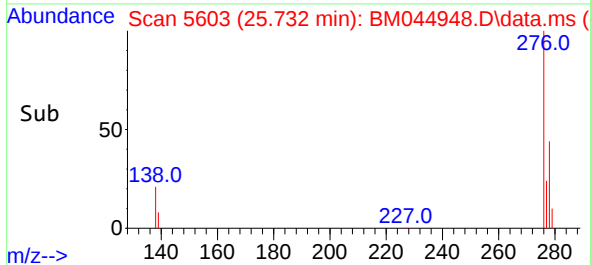
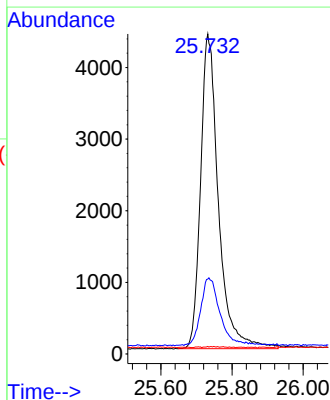
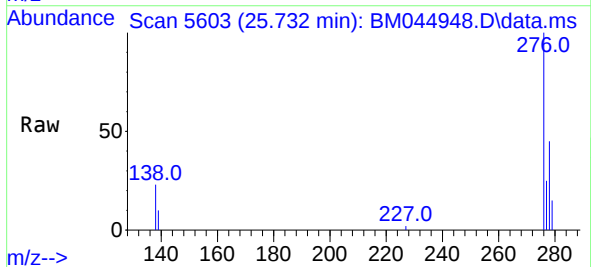


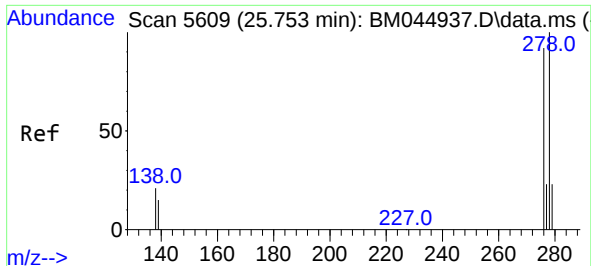
Tgt Ion:252 Resp: 11348
Ion Ratio Lower Upper
252 100
253 31.4 24.6 37.0
125 18.9 18.2 27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng/ul
RT: 25.732 min Scan# 5603
Delta R.T. -0.024 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

Tgt Ion:276 Resp: 15303
Ion Ratio Lower Upper
276 100
138 23.3 0.0 0.0#
227 0.3 0.1 0.1#

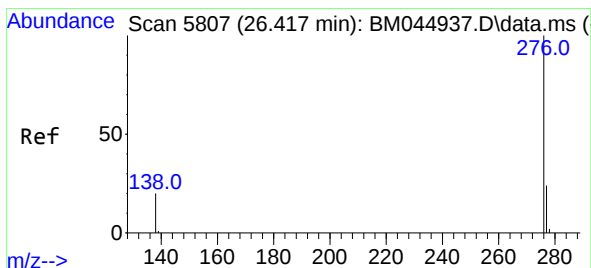
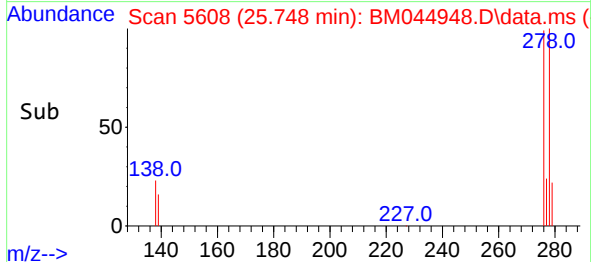
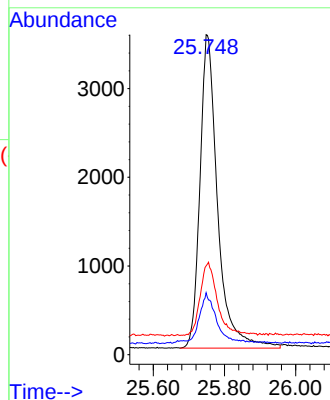
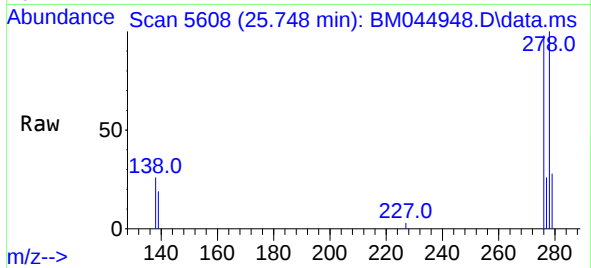




#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 25.748 min Scan# 5608
Delta R.T. -0.034 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

Instrument :
BNA_M
ClientSampleId :
SLCS015

Tgt Ion:278 Resp: 12177
Ion Ratio Lower Upper
278 100
139 19.3 13.6 20.4
279 27.7 23.0 34.4



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 26.416 min Scan# 5807
Delta R.T. -0.024 min
Lab File: BM044948.D
Acq: 05 Apr 2024 14:20

Tgt Ion:276 Resp: 12919
Ion Ratio Lower Upper
276 100
138 23.0 16.8 25.2
277 25.6 20.3 30.5

