

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040997.D
 Acq On : 21 Jul 2023 01:25
 Operator : MA/JU
 Sample : 03444-08MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46Q1MS

Quant Time: Jul 21 02:58:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

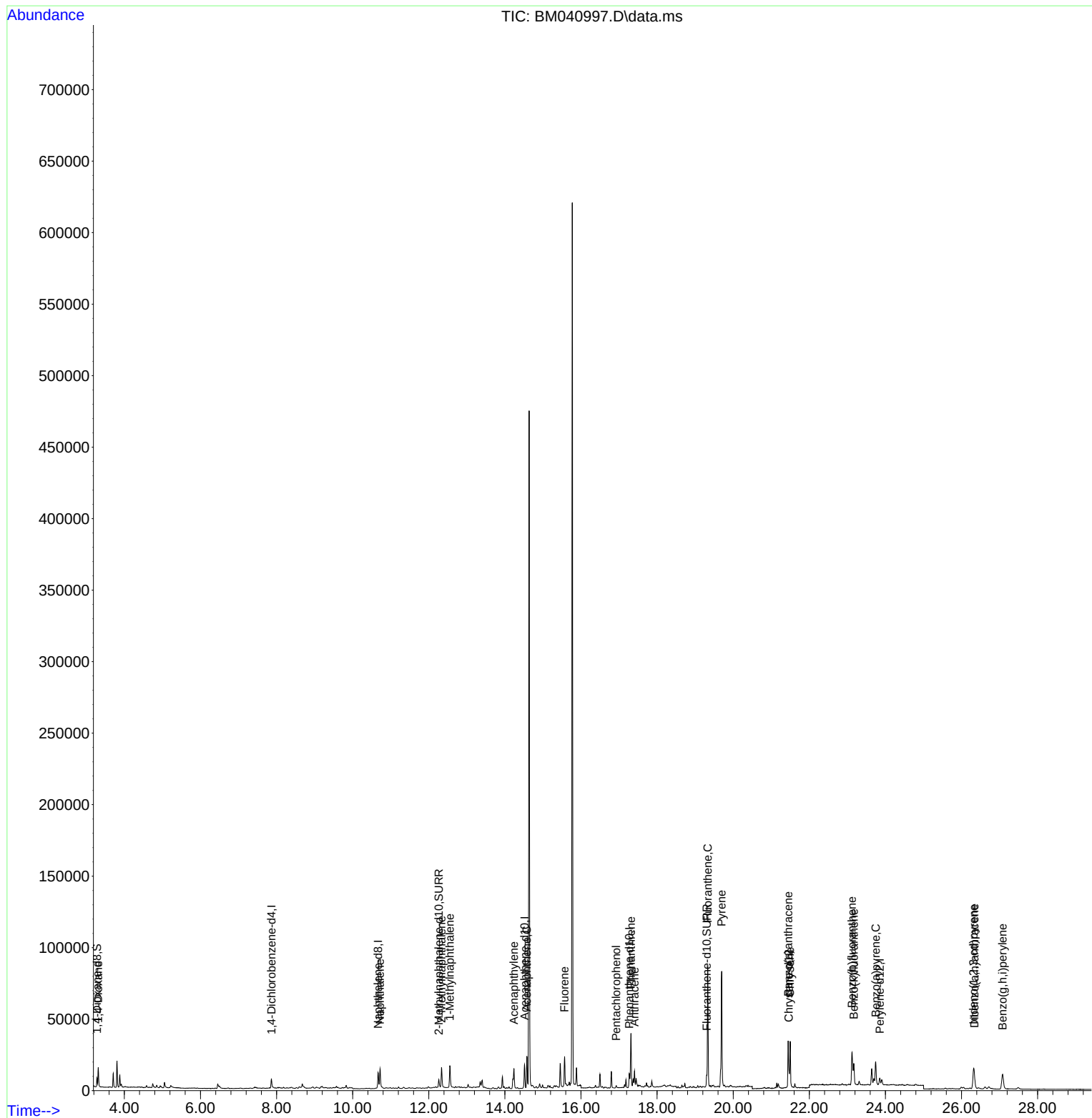
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	4022	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.669	136	16985	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.518	164	9209	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	16730	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.460	240	6723	0.400	ng/ul	#-0.01
23) Perylene-d12	23.851	264	6823	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3597	0.544	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	8997	0.398	ng/ul	-0.02
18) Fluoranthene-d10	19.301	212	8870	0.314	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.313	88	8272	1.189	ng/ul#	75
5) Naphthalene	10.719	128	21093	0.454	ng/ul	99
7) 2-Methylnaphthalene	12.335	142	11581	0.454	ng/ul	98
8) 1-Methylnaphthalene	12.555	142	11347	0.419	ng/ul	98
10) Acenaphthylene	14.240	152	16007	0.415	ng/ul	98
11) Acenaphthene	14.578	153	13066	0.384	ng/ul	99
12) Fluorene	15.568	166	13523	0.384	ng/ul	98
14) Pentachlorophenol	16.928	266	1213	0.360	ng/ul	99
15) Phenanthrene	17.312	178	40824	0.816	ng/ul	99
16) Anthracene	17.405	178	13007	0.334	ng/ul	97
19) Fluoranthene	19.334	202	71966	2.073	ng/ul	97
20) Pyrene	19.696	202	67594	1.906	ng/ul	98
21) Benzo(a)anthracene	21.445	228	26189	1.279	ng/ul	98
22) Chrysene	21.495	228	32848	1.403	ng/ul	98
24) Benzo(b)fluoranthene	23.123	252	36218	1.383	ng/ul	93
25) Benzo(k)fluoranthene	23.170	252	17634	0.709	ng/ul	97
26) Benzo(a)pyrene	23.746	252	24045	1.063	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.317	276	23452	0.781	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.337	278	10236	0.451	ng/ul	96
29) Benzo(g,h,i)perylene	27.078	276	23248	0.838	ng/ul	97

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

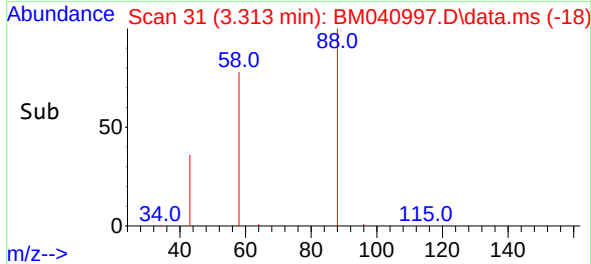
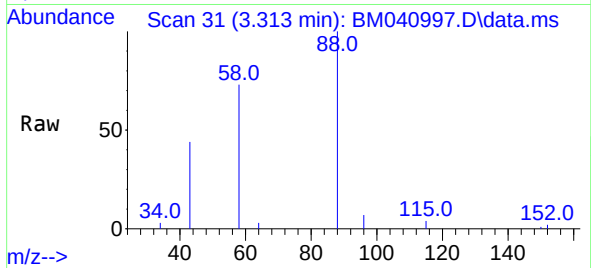
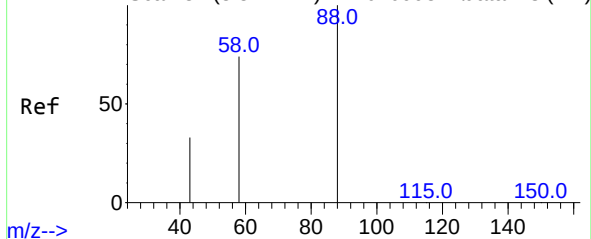
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040997.D
Acq On : 21 Jul 2023 01:25
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Quant Time: Jul 21 02:58:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration



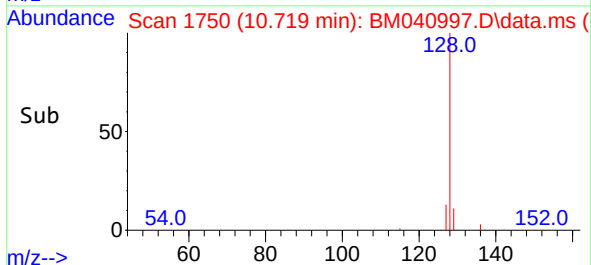
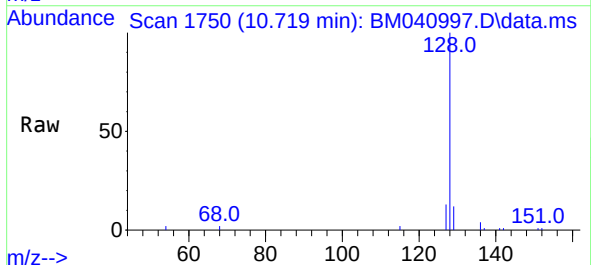
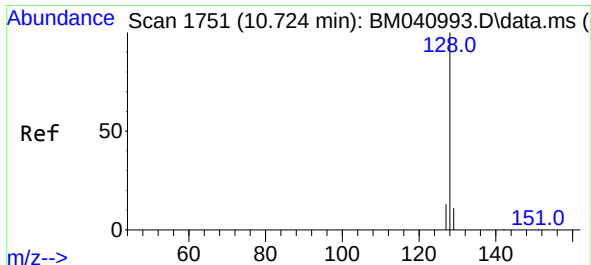
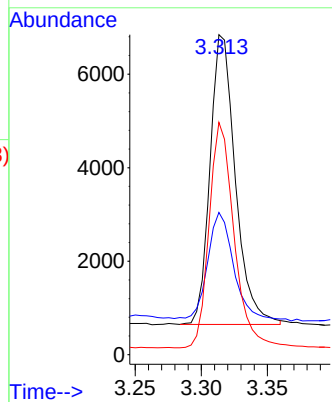
Abundance Scan 32 (3.317 min): BM040993.D\data.ms (-24)



#2
1,4-Dioxane
Concen: 1.189 ng/ul
RT: 3.313 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

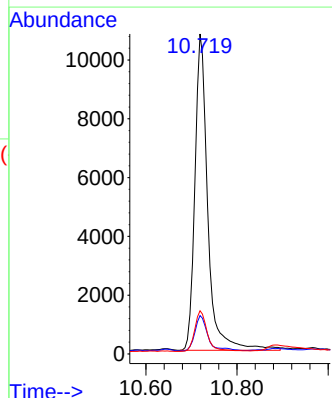
Instrument :
BNA_M
ClientSampleId :
A46Q1MS

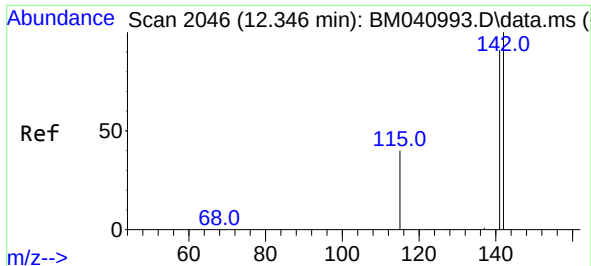
Tgt Ion: 88 Resp: 8272
Ion Ratio Lower Upper
88 100
43 44.4 46.7 70.1#
58 72.6 40.3 60.5#



#5
Naphthalene
Concen: 0.454 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. -0.011 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

Tgt Ion: 128 Resp: 21093
Ion Ratio Lower Upper
128 100
129 12.0 9.8 14.8
127 13.5 11.0 16.4

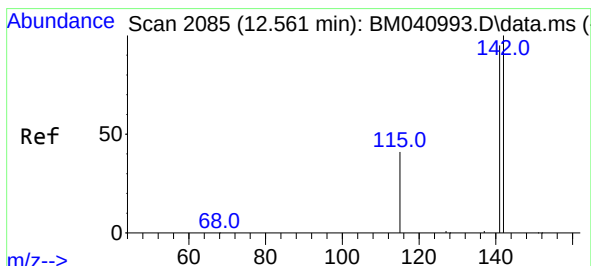
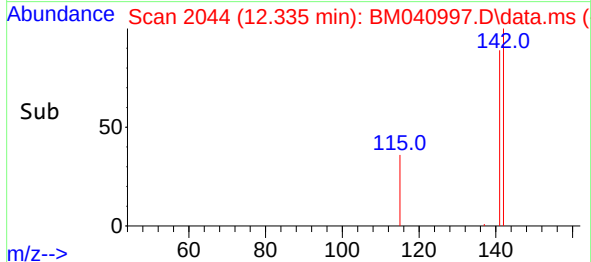
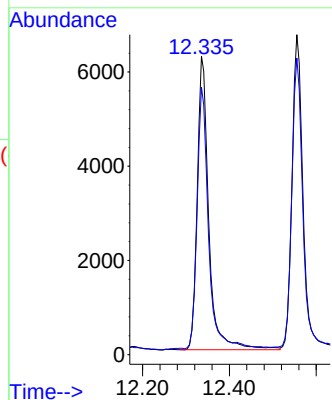
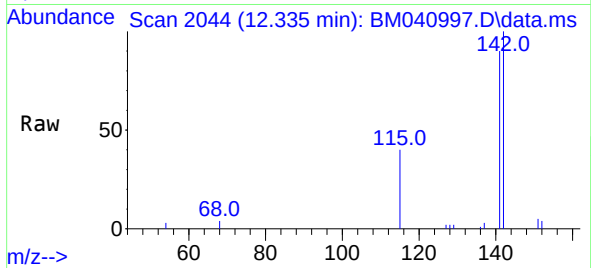




#7
2-Methylnaphthalene
Concen: 0.454 ng/ul
RT: 12.335 min Scan# 2044
Delta R.T. -0.016 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

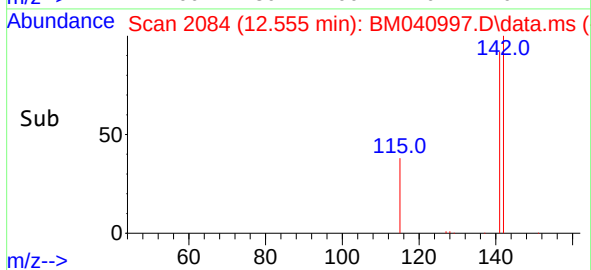
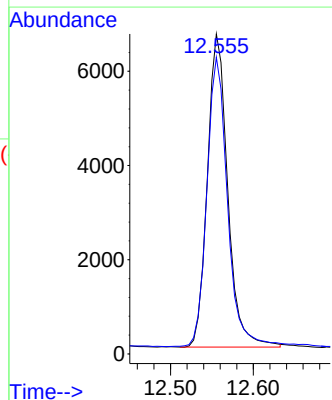
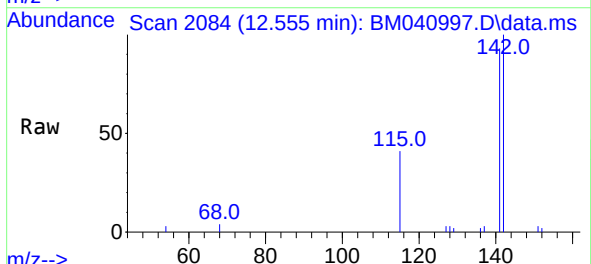
Instrument :
BNA_M
ClientSampleId :
A46Q1MS

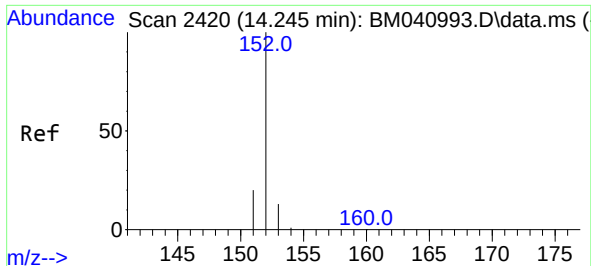
Tgt Ion:142 Resp: 11581
Ion Ratio Lower Upper
142 100
141 90.0 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.555 min Scan# 2084
Delta R.T. -0.011 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

Tgt Ion:142 Resp: 11347
Ion Ratio Lower Upper
142 100
141 93.3 73.4 110.2

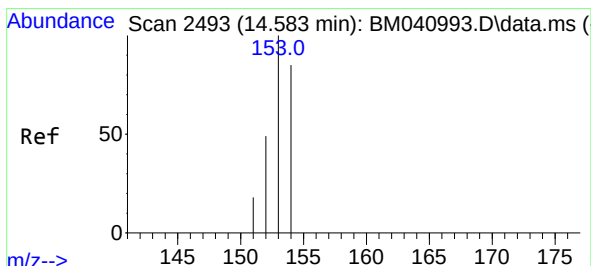
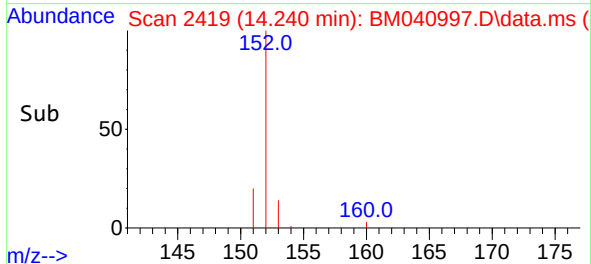
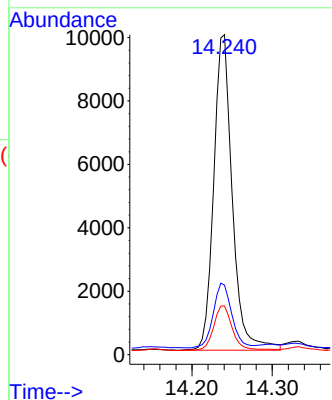
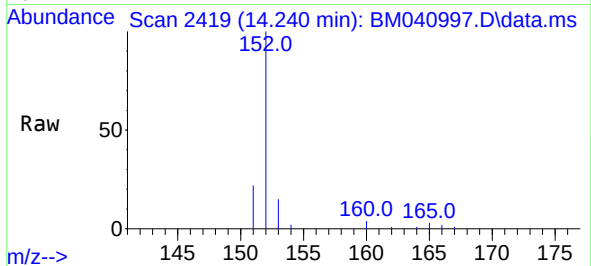




#10
Acenaphthylene
Concen: 0.415 ng/ul
RT: 14.240 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

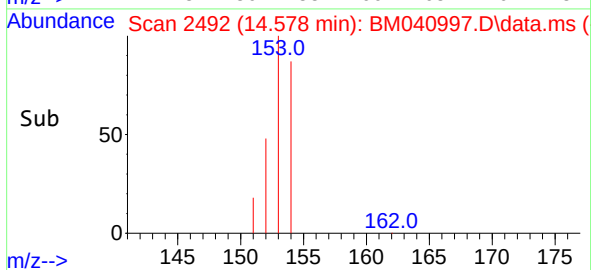
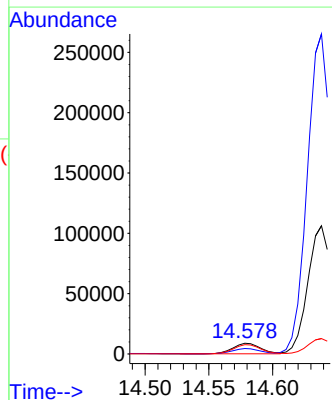
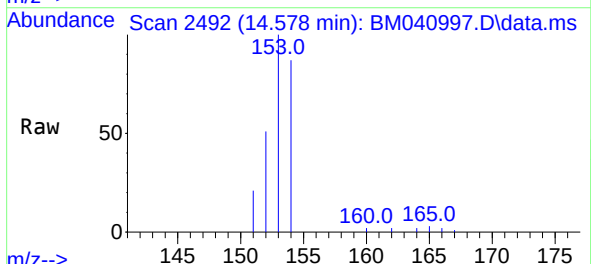
Instrument :
BNA_M
ClientSampleId :
A46Q1MS

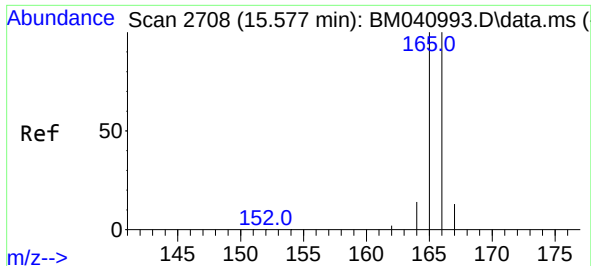
Tgt Ion:	152	Resp:	16007
Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.8	25.2
153	15.2	11.6	17.4



#11
Acenaphthene
Concen: 0.384 ng/ul
RT: 14.578 min Scan# 2492
Delta R.T. -0.009 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

Tgt Ion:	153	Resp:	13066
Ion	Ratio	Lower	Upper
153	100		
152	50.6	41.0	61.6
154	86.7	68.2	102.2

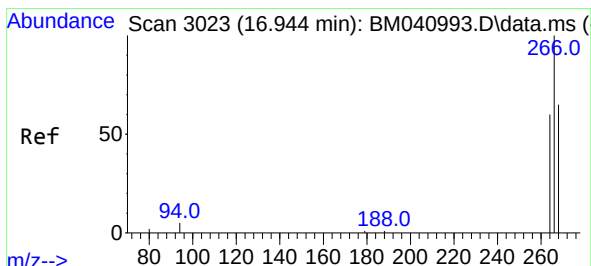
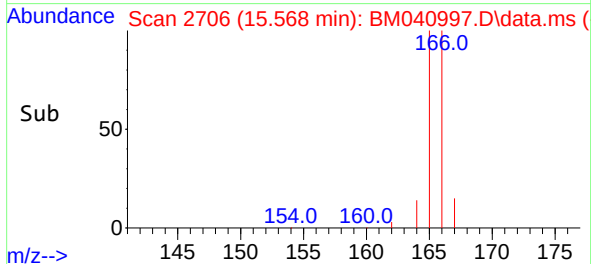
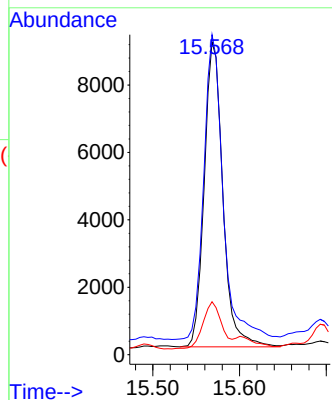
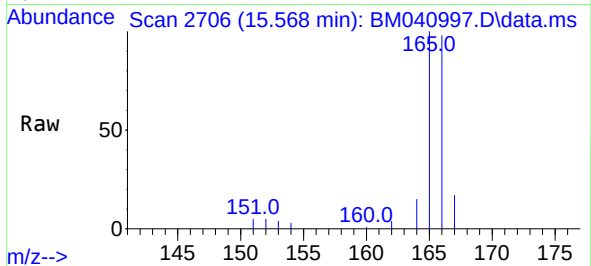




#12
Fluorene
Concen: 0.384 ng/ul
RT: 15.568 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

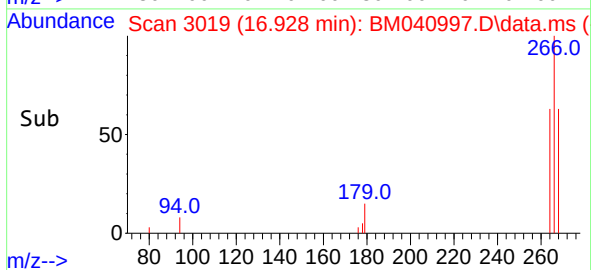
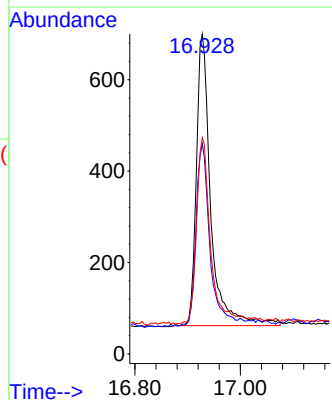
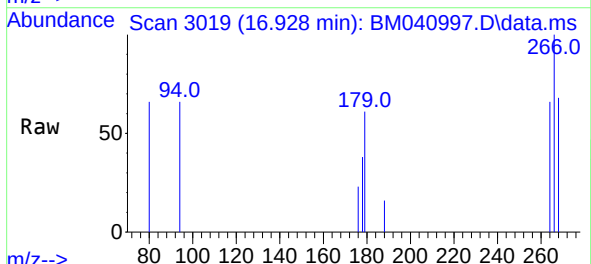
Instrument :
BNA_M
ClientSampleId :
A46Q1MS

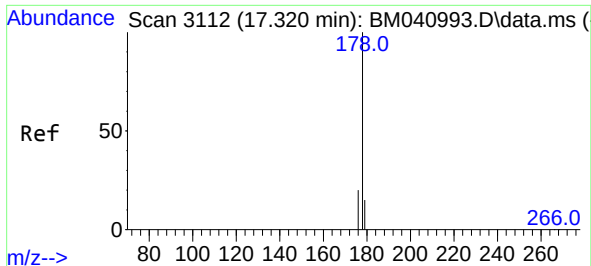
Tgt Ion:166 Resp: 13523
Ion Ratio Lower Upper
166 100
165 102.4 80.3 120.5
167 17.0 11.7 17.5



#14
Pentachlorophenol
Concen: 0.360 ng/ul
RT: 16.928 min Scan# 3019
Delta R.T. -0.046 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

Tgt Ion:266 Resp: 1213
Ion Ratio Lower Upper
266 100
264 62.5 50.7 76.1
268 64.6 52.8 79.2

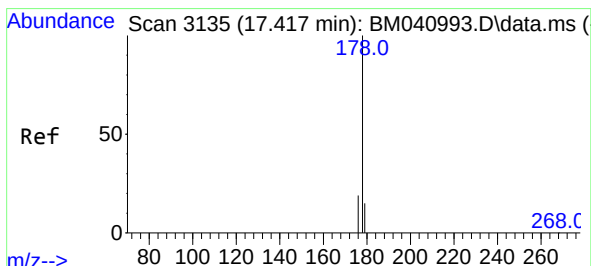
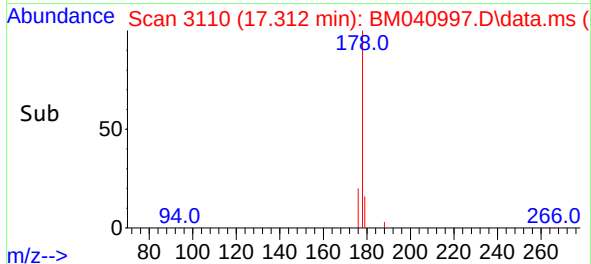
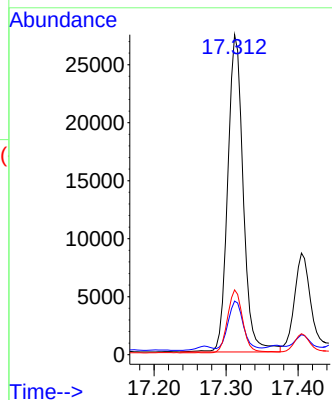
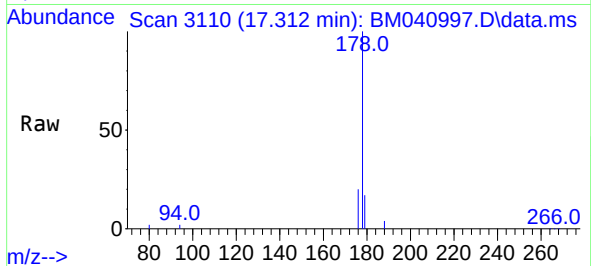




#15
Phenanthrene
Concen: 0.816 ng/u1
RT: 17.312 min Scan# 3112
Delta R.T. -0.013 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

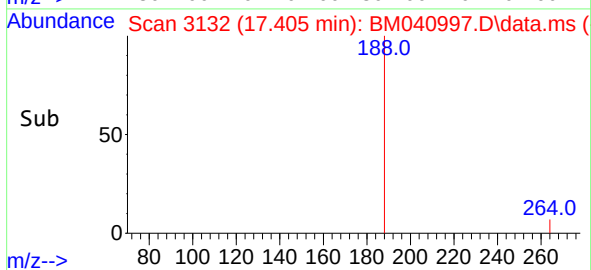
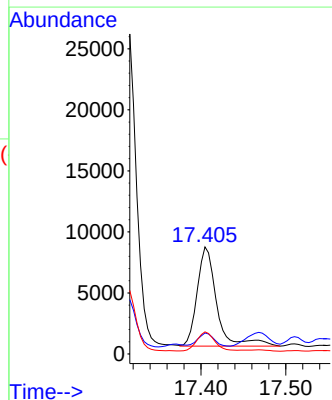
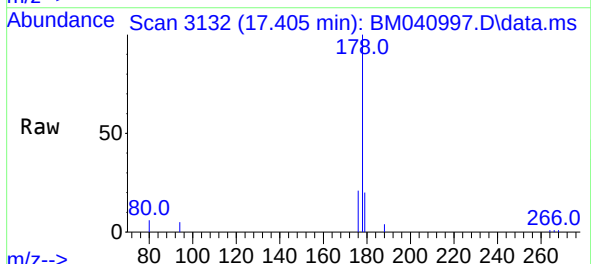
Instrument :
BNA_M
ClientSampleId :
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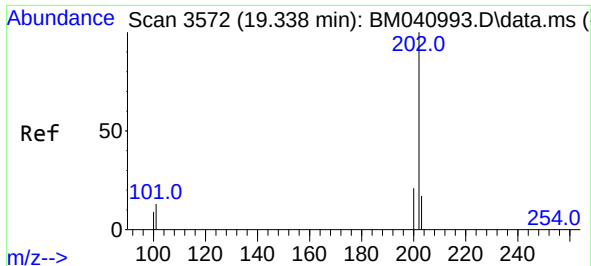
Tgt Ion:178 Resp: 40824
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.6
176 20.2 16.2 24.4



#16
Anthracene
Concen: 0.334 ng/u1
RT: 17.405 min Scan# 3132
Delta R.T. -0.017 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

Tgt Ion:178 Resp: 13007
Ion Ratio Lower Upper
178 100
179 19.6 13.7 20.5
176 20.7 16.4 24.6

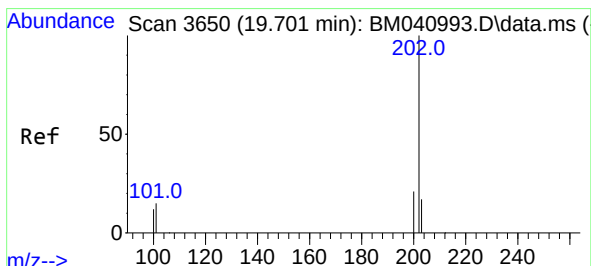
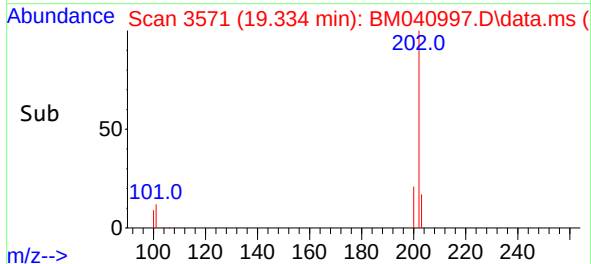
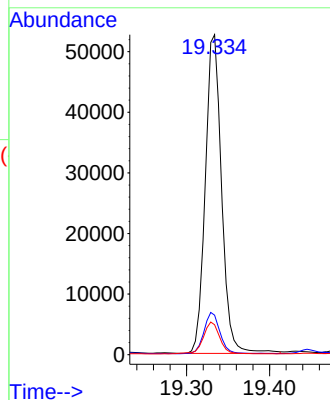
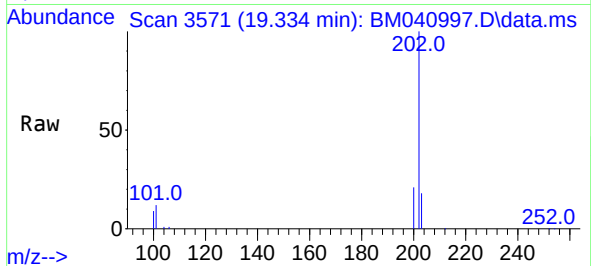




#19
Fluoranthene
Concen: 2.073 ng/u1
RT: 19.334 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

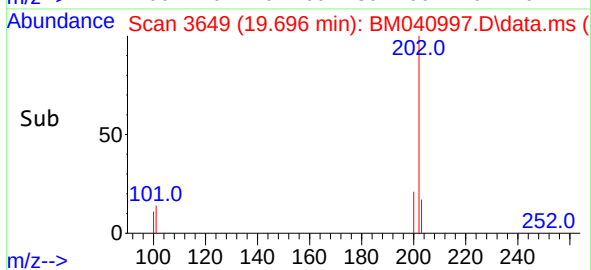
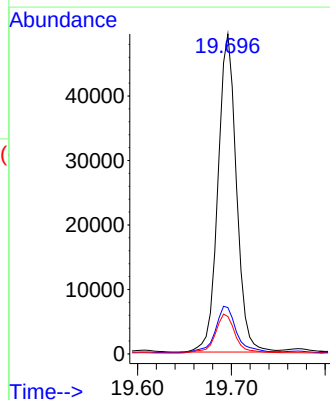
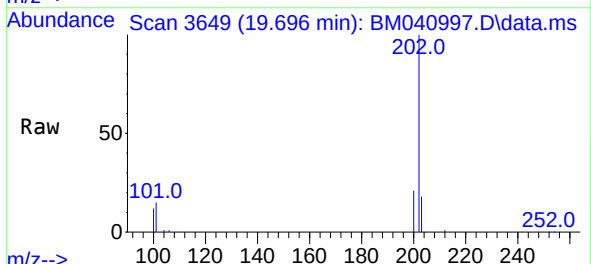
Instrument :
BNA_M
ClientSampleId :
A46Q1MS

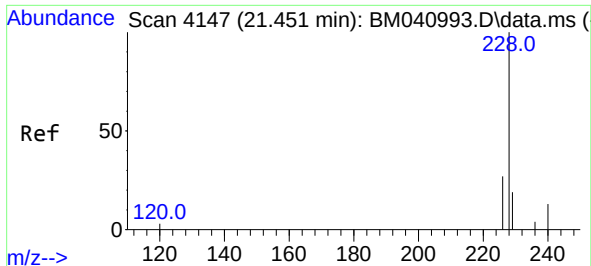
Tgt Ion:	202	Resp:	71966
Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.0	16.4
100	9.3	8.3	12.5



#20
Pyrene
Concen: 1.906 ng/u1
RT: 19.696 min Scan# 3649
Delta R.T. -0.009 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

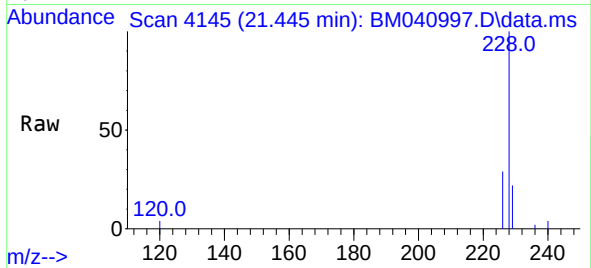
Tgt Ion:	202	Resp:	67594
Ion	Ratio	Lower	Upper
202	100		
101	14.5	12.5	18.7
100	11.7	10.0	15.0





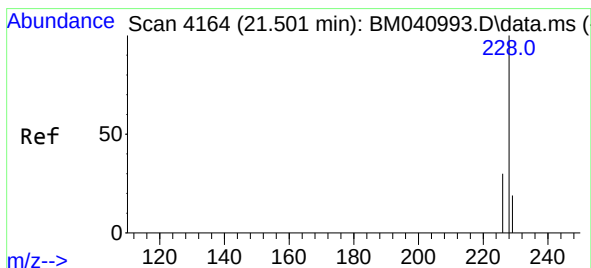
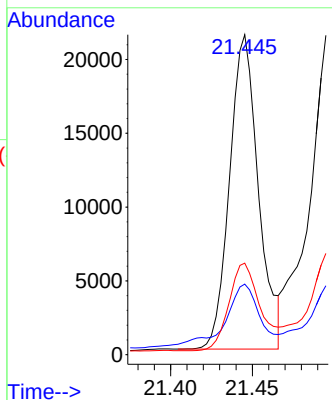
#21
Benzo(a)anthracene
Concen: 1.279 ng/ul
RT: 21.445 min Scan# 4145
Delta R.T. -0.012 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

Instrument :
BNA_M
ClientSampleId :
A46Q1MS



Tgt Ion:228 Resp: 26189

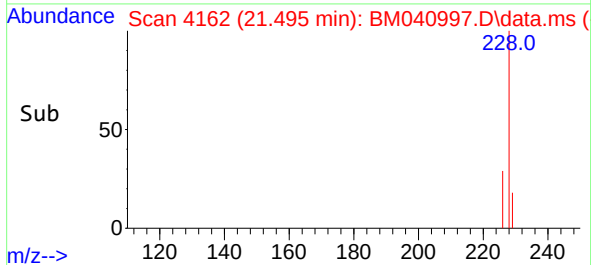
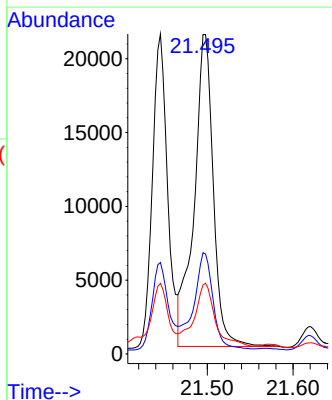
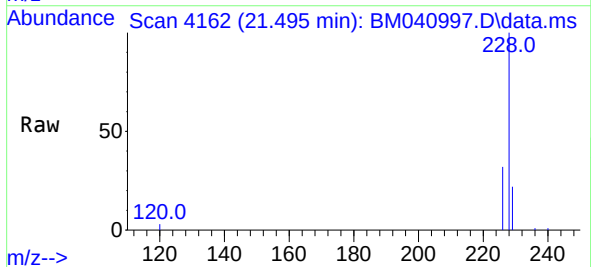
Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.2	24.4
226	28.6	22.3	33.5

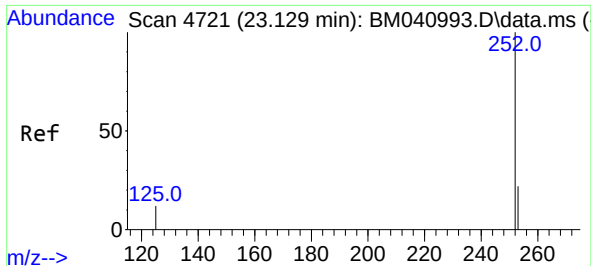


#22
Chrysene
Concen: 1.403 ng/ul
RT: 21.495 min Scan# 4162
Delta R.T. -0.012 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

Tgt Ion:228 Resp: 32848

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	37.0
229	21.6	16.1	24.1

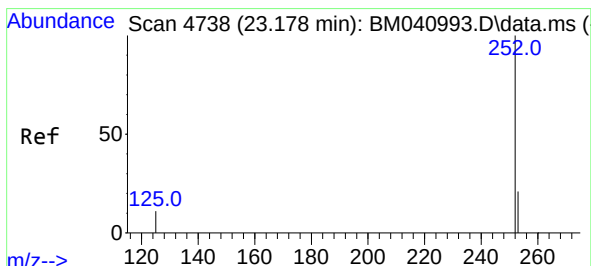
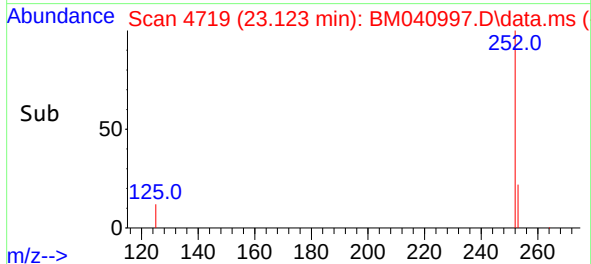
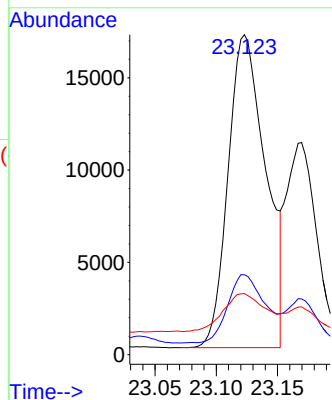
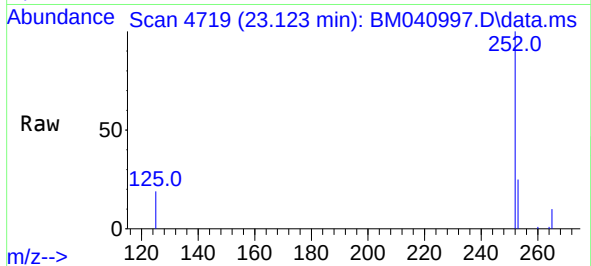




#24
Benzo(b)fluoranthene
Concen: 1.383 ng/ul
RT: 23.123 min Scan# 4719
Delta R.T. -0.012 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

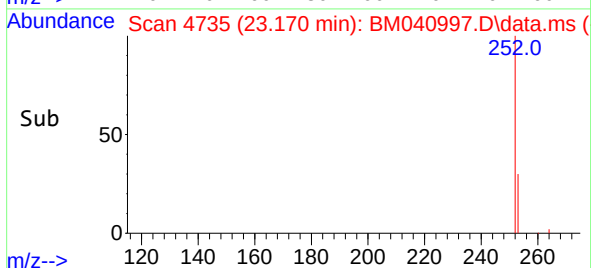
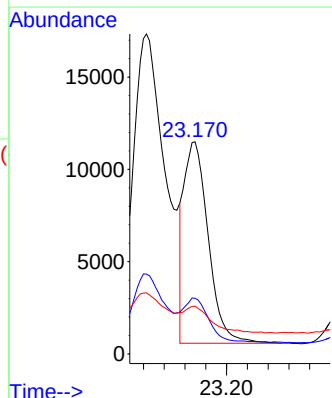
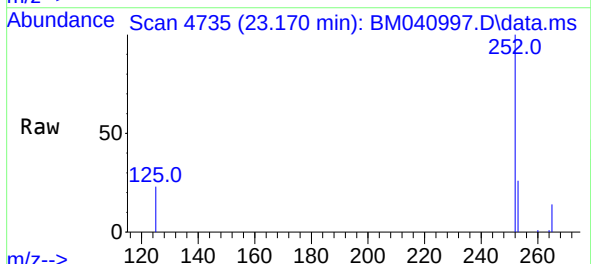
Instrument :
BNA_M
ClientSampleId :
A46Q1MS

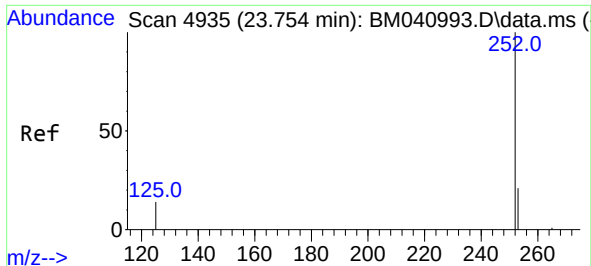
Tgt Ion:	252	Resp:	36218
Ion Ratio	Lower	Upper	
252	100		
253	25.0	0.0	57.4
125	19.1	0.0	45.2



#25
Benzo(k)fluoranthene
Concen: 0.709 ng/ul
RT: 23.170 min Scan# 4735
Delta R.T. -0.017 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

Tgt Ion:	252	Resp:	17634
Ion Ratio	Lower	Upper	
252	100		
253	26.3	23.3	34.9
125	22.6	18.2	27.2

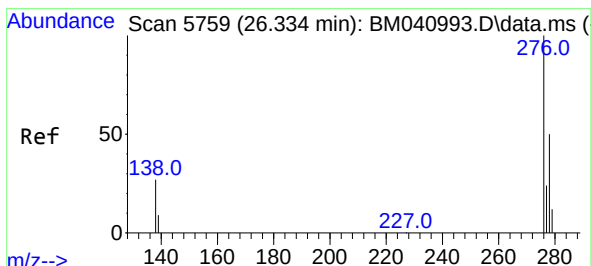
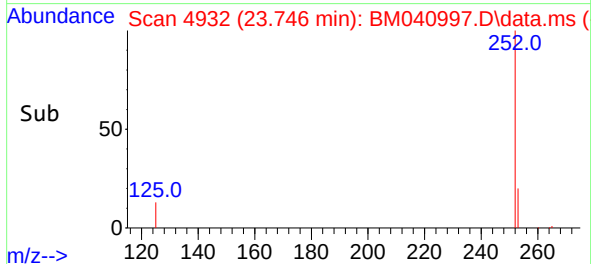
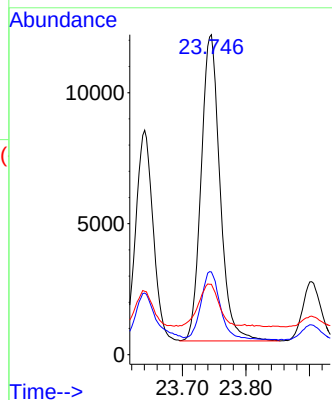
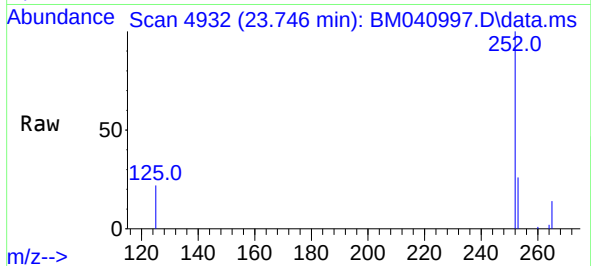




#26
Benzo(a)pyrene
Concen: 1.063 ng/ul
RT: 23.746 min Scan# 4935
Delta R.T. -0.017 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

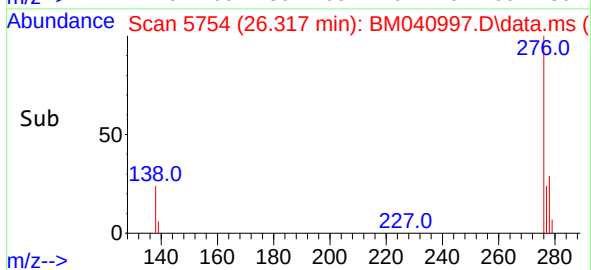
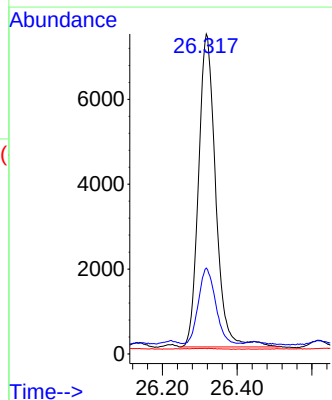
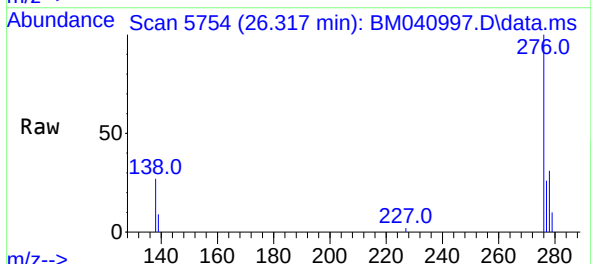
Instrument :
BNA_M
ClientSampleId :
A46Q1MS

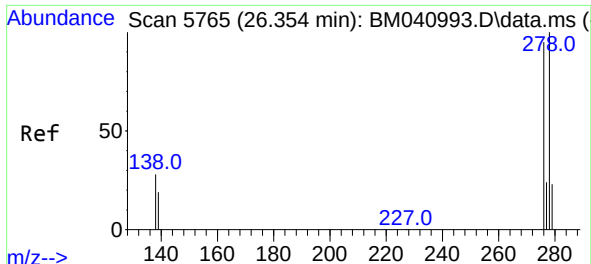
Tgt Ion:252 Resp: 24045
Ion Ratio Lower Upper
252 100
253 25.9 28.2 42.2#
125 22.0 25.2 37.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.781 ng/ul
RT: 26.317 min Scan# 5754
Delta R.T. -0.033 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

Tgt Ion:276 Resp: 23452
Ion Ratio Lower Upper
276 100
138 24.3 22.3 33.5
227 0.2 0.0 0.0#

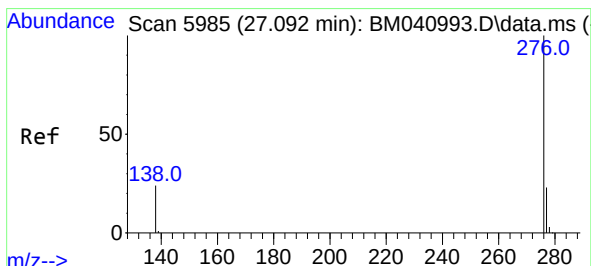
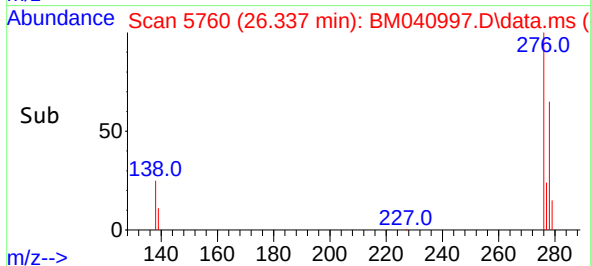
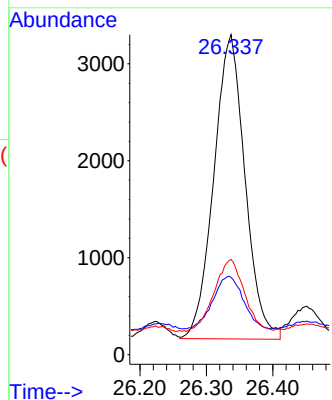
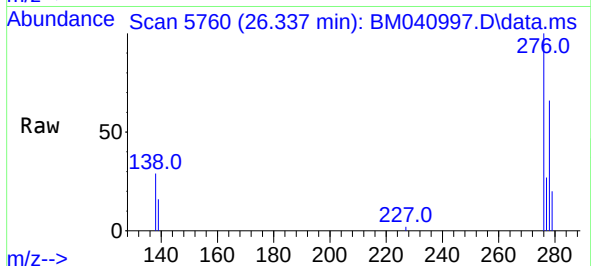




#28
Dibenzo(a,h)anthracene
Concen: 0.451 ng/ul
RT: 26.337 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

Instrument :
BNA_M
ClientSampleId :
A46Q1MS

Tgt Ion:278 Resp: 10236
Ion Ratio Lower Upper
278 100
139 24.1 19.2 28.8
279 29.7 27.0 40.6



#29
Benzo(g,h,i)perylene
Concen: 0.838 ng/ul
RT: 27.078 min Scan# 5981
Delta R.T. -0.023 min
Lab File: BM040997.D
Acq: 21 Jul 2023 01:25

Tgt Ion:276 Resp: 23248
Ion Ratio Lower Upper
276 100
138 26.4 22.6 34.0
277 25.5 21.2 31.8

