

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
 Data File : BM045392.D
 Acq On : 19 Apr 2024 14:25
 Operator : MA/JU
 Sample : P2032-18MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0MG3MS

Quant Time: Apr 19 15:55:10 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 : Thu Apr 18 22:19:59 2024
 Response via : Initial Calibration

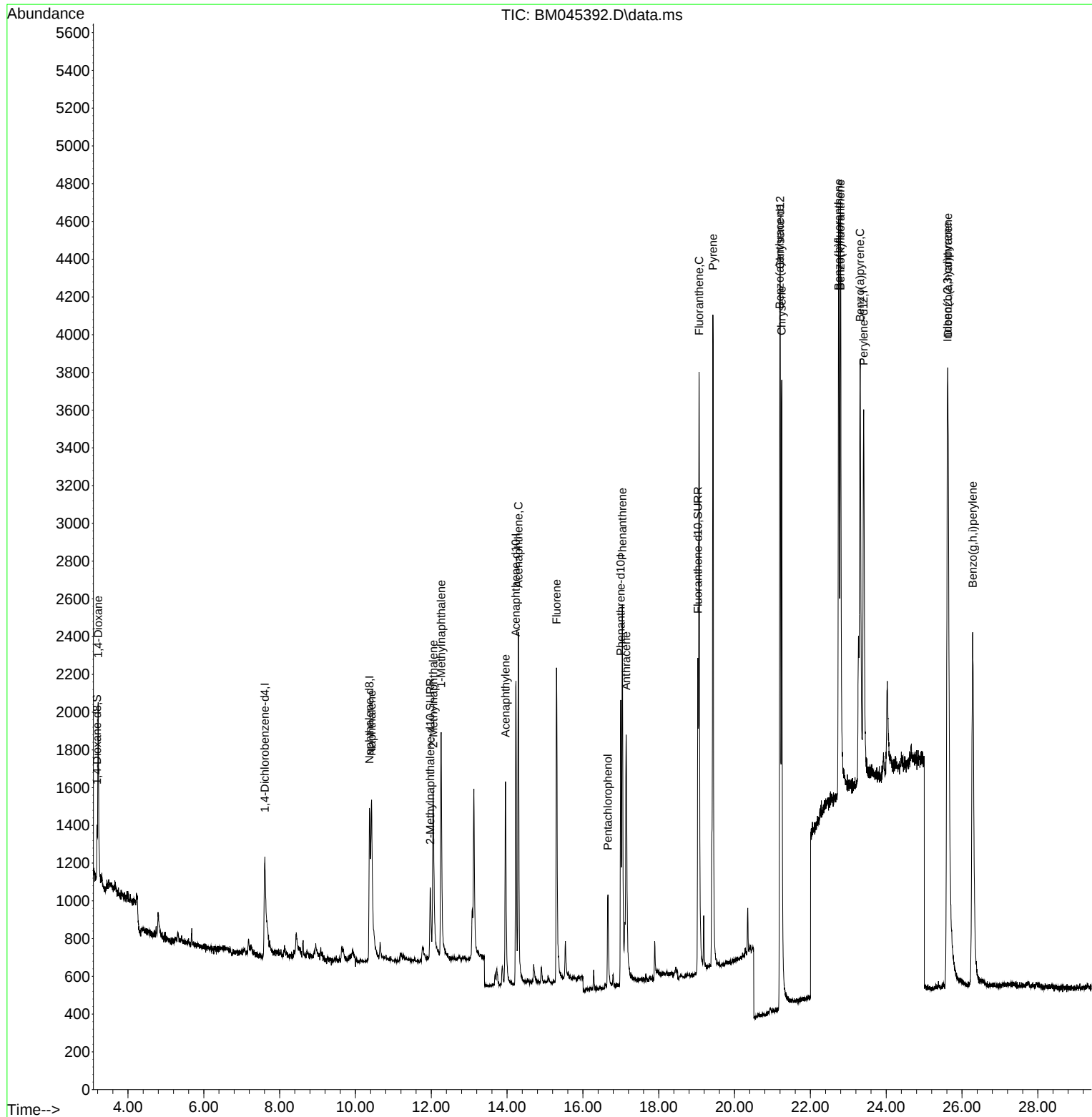
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	682	0.400	ng/ul	0.00
4) Naphthalene-d8	10.369	136	2101	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.233	164	1054	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.997	188	2274	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.205	240	2227	0.400	ng/ul	#-0.01
23) Perylene-d12	23.406	264	3089	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	270	0.301	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	853	0.300	ng/ul	-0.02
18) Fluoranthene-d10	19.034	212	2236	0.397	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.213	88	699	0.814	ng/ul#	80
5) Naphthalene	10.424	128	1814	0.325	ng/ul#	88
7) 2-Methylnaphthalene	12.052	142	1093	0.328	ng/ul	98
8) 1-Methylnaphthalene	12.261	142	1156	0.318	ng/ul	100
10) Acenaphthylene	13.960	152	1810	0.344	ng/ul	93
11) Acenaphthene	14.298	153	1348	0.358	ng/ul	99
12) Fluorene	15.306	166	1519	0.360	ng/ul	98
14) Pentachlorophenol	16.659	266	467	0.876	ng/ul	98
15) Phenanthrene	17.039	178	2531	0.395	ng/ul	95
16) Anthracene	17.140	178	2371	0.376	ng/ul	92
19) Fluoranthene	19.066	202	3263	0.410	ng/ul#	92
20) Pyrene	19.429	202	3457	0.411	ng/ul#	93
21) Benzo(a)anthracene	21.193	228	3045	0.393	ng/ul	95
22) Chrysene	21.243	228	3831	0.396	ng/ul	95
24) Benzo(b)fluoranthene	22.748	252	4076	0.365	ng/ul	92
25) Benzo(k)fluoranthene	22.792	252	4653	0.372	ng/ul#	87
26) Benzo(a)pyrene	23.312	252	3898	0.366	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.615	276	5681	0.389	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.629	278	4466	0.386	ng/ul#	89
29) Benzo(g,h,i)perylene	26.283	276	4920	0.391	ng/ul	95

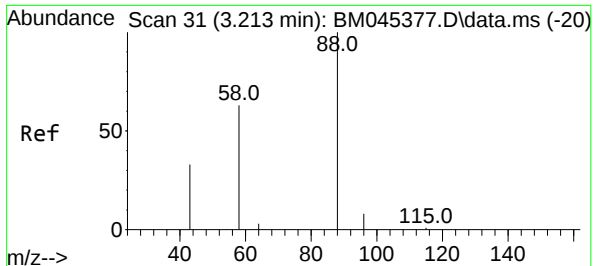
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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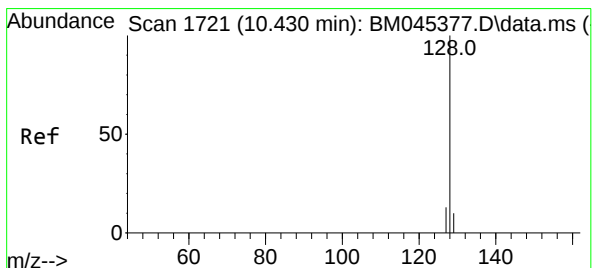
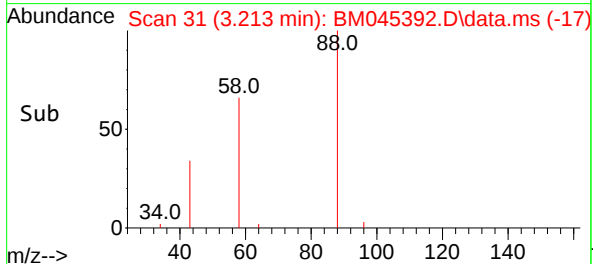
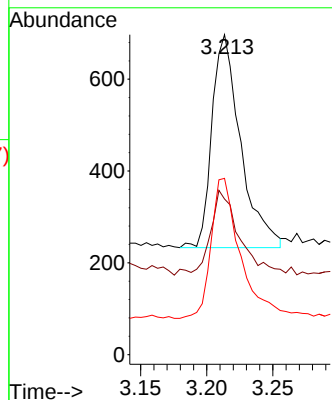
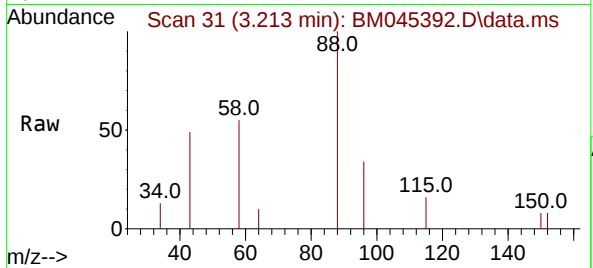




#2
1,4-Dioxane
Concen: 0.814 ng/ul
RT: 3.213 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

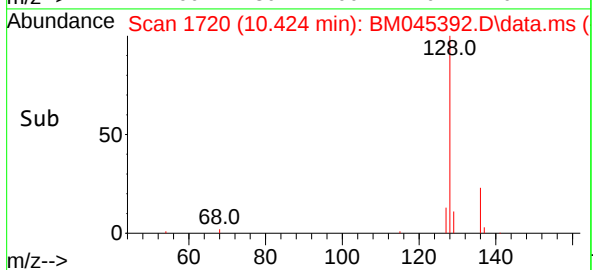
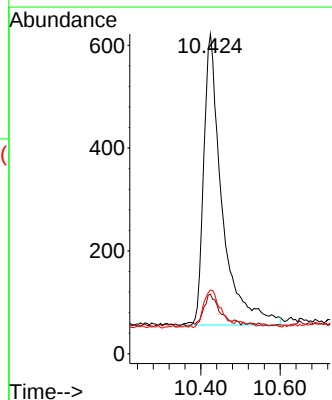
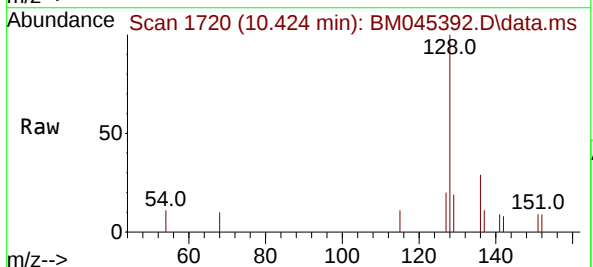
Instrument :
BNA_M
ClientSampleId :
E0MG3MS

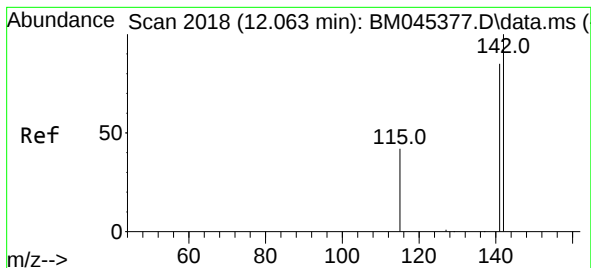
Tgt Ion: 88 Resp: 699
Ion Ratio Lower Upper
88 100
43 48.6 30.6 46.0#
58 55.1 32.6 48.8#



#5
Naphthalene
Concen: 0.325 ng/ul
RT: 10.424 min Scan# 1720
Delta R.T. -0.016 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

Tgt Ion: 128 Resp: 1814
Ion Ratio Lower Upper
128 100
129 18.6 11.3 16.9#
127 19.9 11.9 17.9#

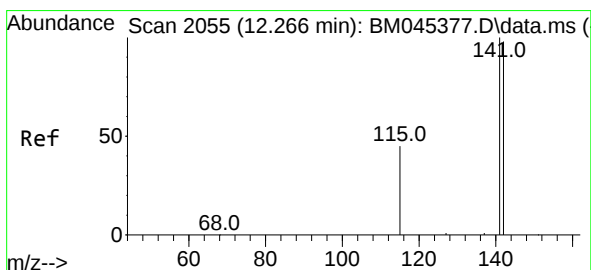
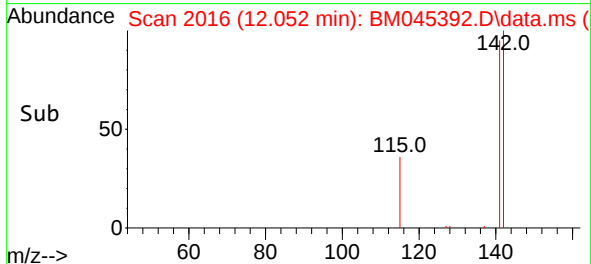
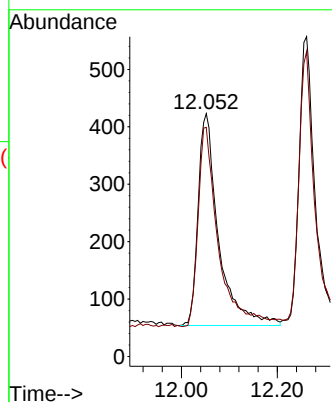
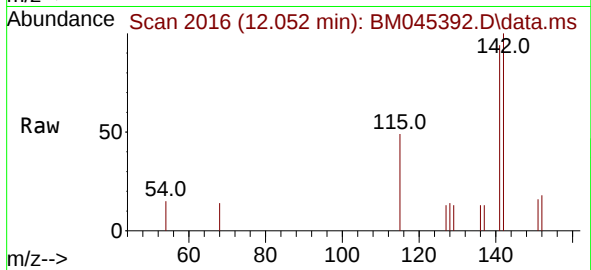




#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.052 min Scan# 2016
Delta R.T. -0.017 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

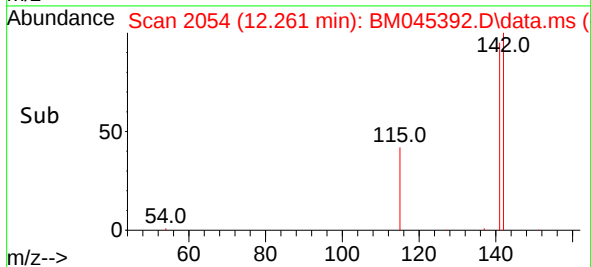
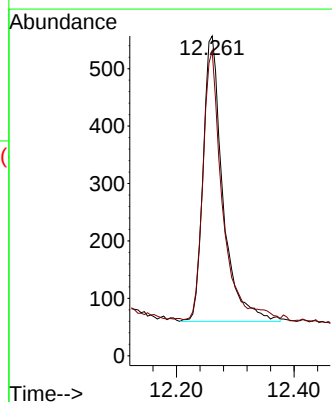
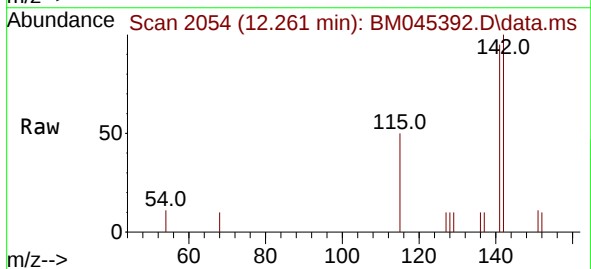
Instrument :
BNA_M
ClientSampleId :
E0MG3MS

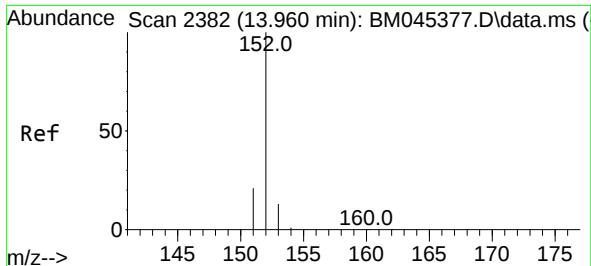
Tgt Ion:142 Resp: 1093
Ion Ratio Lower Upper
142 100
141 94.5 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

Tgt Ion:142 Resp: 1156
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.2

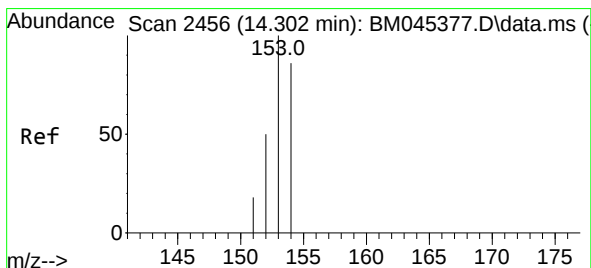
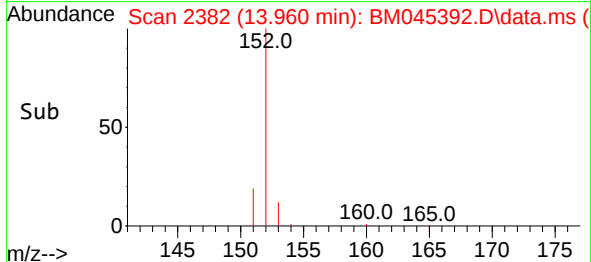
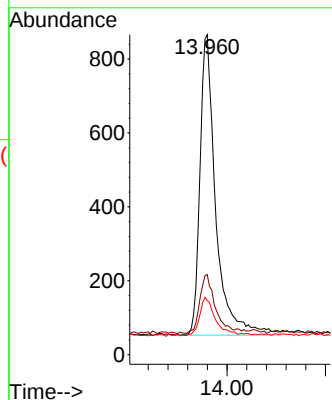
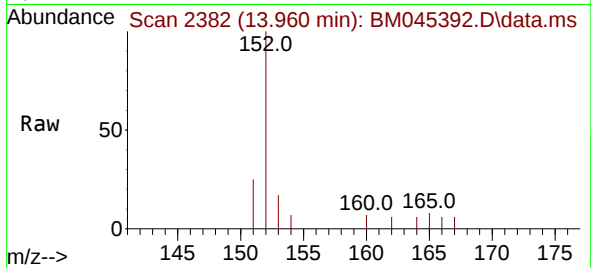




#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 13.960 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

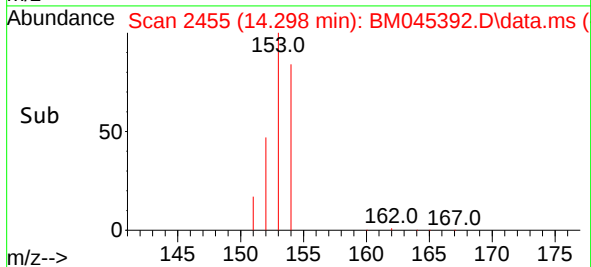
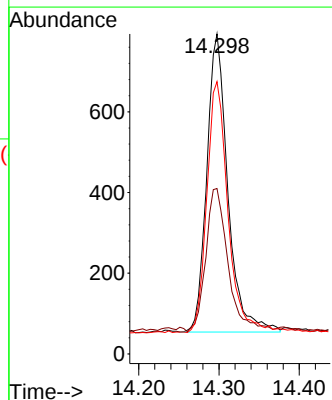
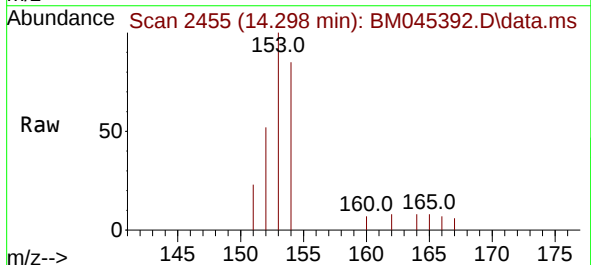
Instrument :
BNA_M
ClientSampleId :
E0MG3MS

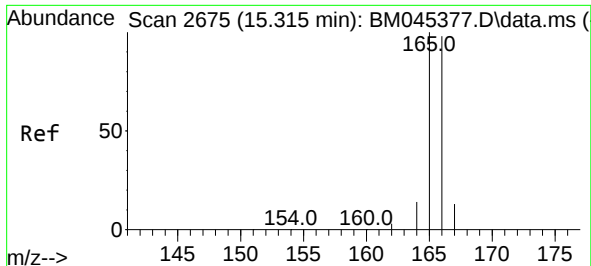
Tgt Ion:	152	Resp:	1810
Ion	Ratio	Lower	Upper
152	100		
151	25.1	17.0	25.4
153	17.0	11.9	17.9



#11
Acenaphthene
Concen: 0.358 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

Tgt Ion:	153	Resp:	1348
Ion	Ratio	Lower	Upper
153	100		
152	51.7	41.2	61.8
154	85.1	69.4	104.0

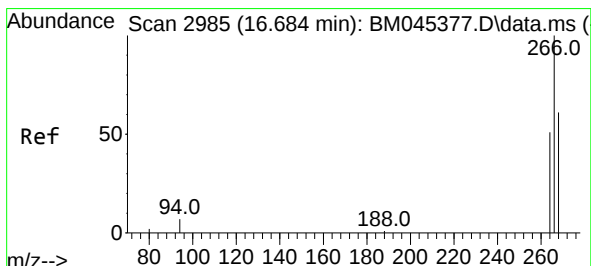
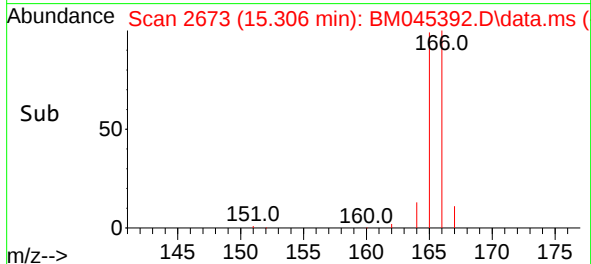
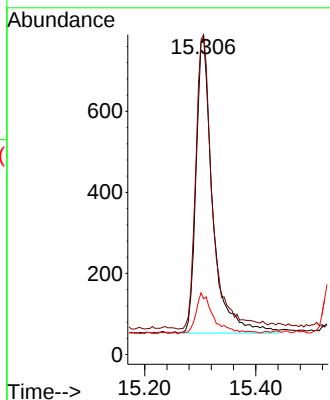
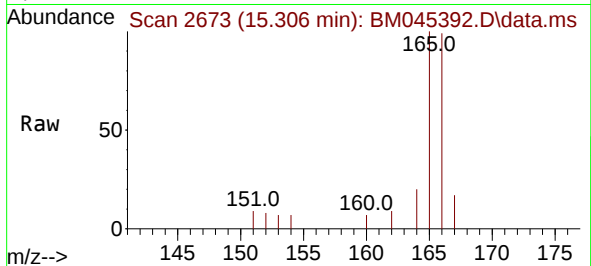




#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.306 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

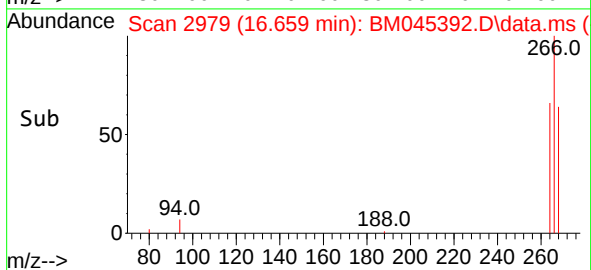
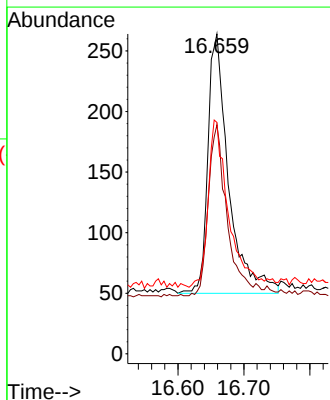
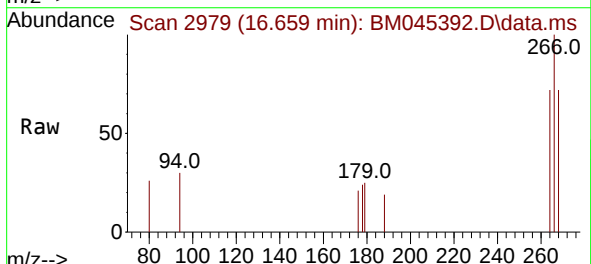
Instrument :
BNA_M
ClientSampleId :
E0MG3MS

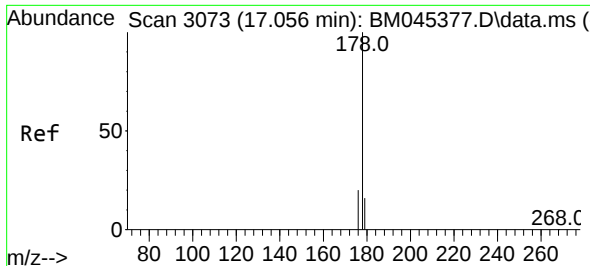
Tgt Ion:166 Resp: 1519
Ion Ratio Lower Upper
166 100
165 100.9 79.9 119.9
167 17.6 12.2 18.2



#14
Pentachlorophenol
Concen: 0.876 ng/ul
RT: 16.659 min Scan# 2979
Delta R.T. -0.030 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

Tgt Ion:266 Resp: 467
Ion Ratio Lower Upper
266 100
264 62.1 48.3 72.5
268 64.0 52.6 79.0

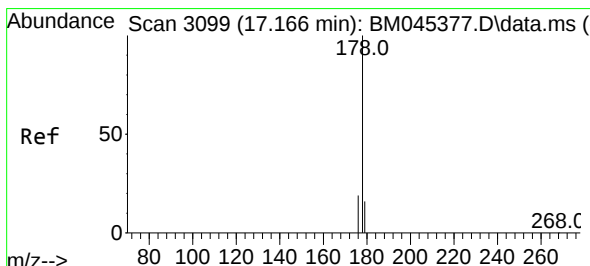
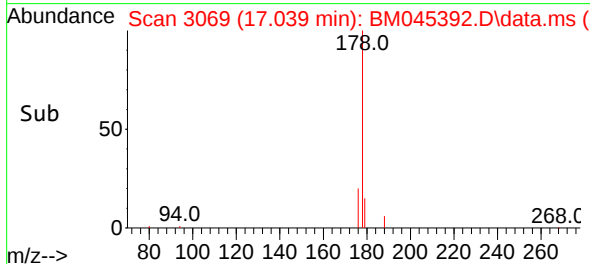
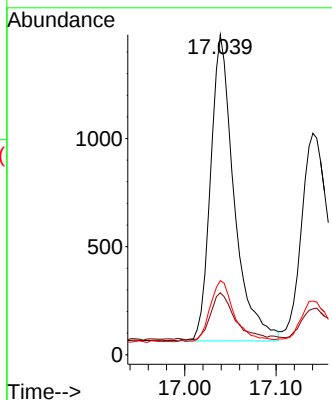
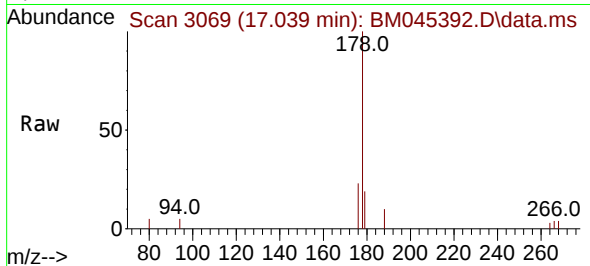




#15
Phenanthrene
Concen: 0.395 ng/ul
RT: 17.039 min Scan# 3069
Delta R.T. -0.021 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

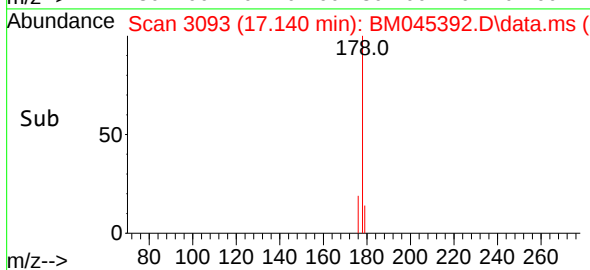
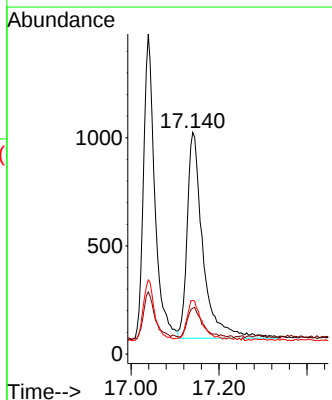
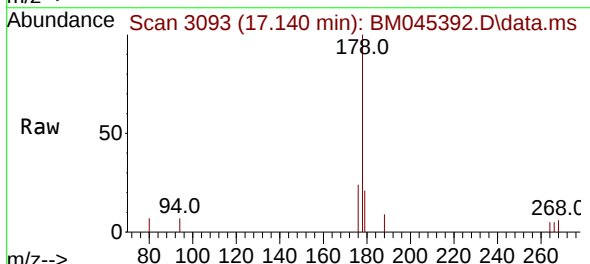
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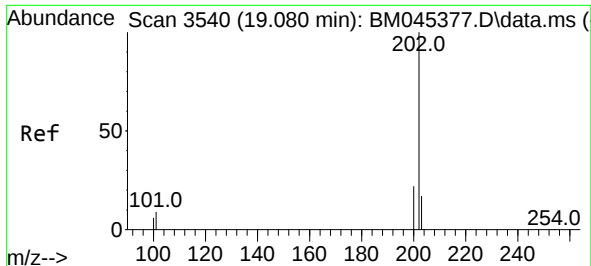
Tgt Ion:178 Resp: 2531
Ion Ratio Lower Upper
178 100
179 19.4 13.7 20.5
176 23.2 17.0 25.4



#16
Anthracene
Concen: 0.376 ng/ul
RT: 17.140 min Scan# 3093
Delta R.T. -0.030 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

Tgt Ion:178 Resp: 2371
Ion Ratio Lower Upper
178 100
179 20.7 13.8 20.8
176 24.2 16.2 24.4

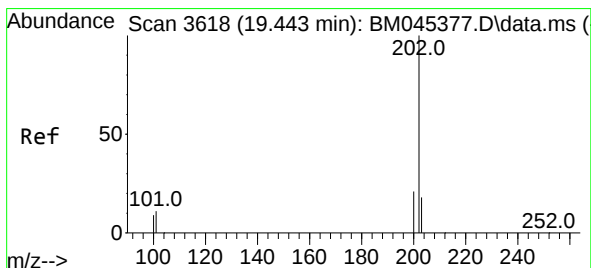
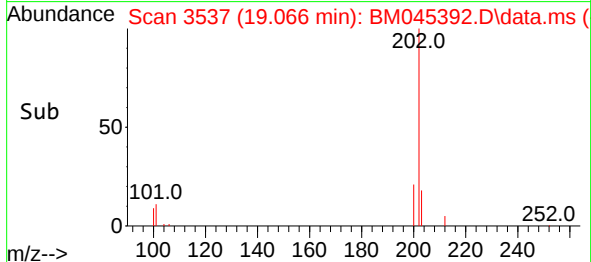
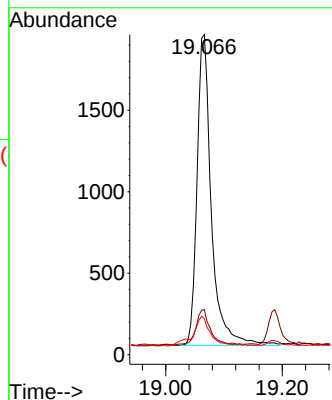
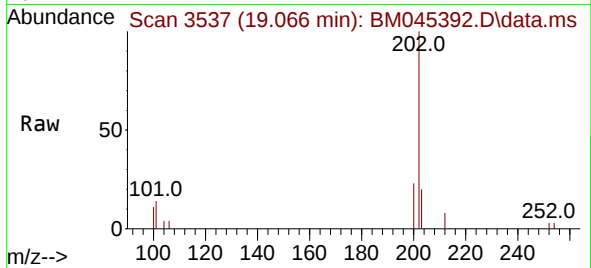




#19
Fluoranthene
Concen: 0.410 ng/ul
RT: 19.066 min Scan# 31
Delta R.T. -0.019 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

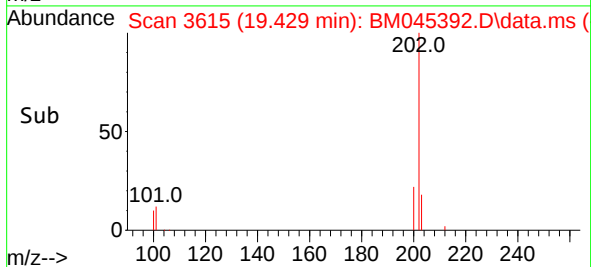
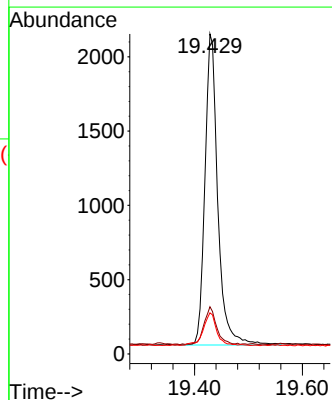
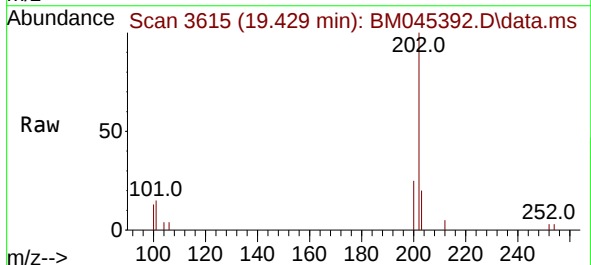
Instrument :
BNA_M
ClientSampleId :
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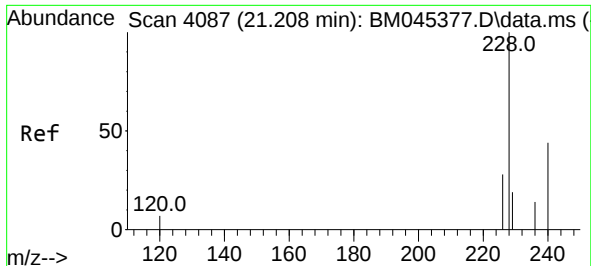
Tgt Ion:202 Resp: 3263
Ion Ratio Lower Upper
202 100
101 14.1 8.8 13.2#
100 11.3 7.0 10.4#



#20
Pyrene
Concen: 0.411 ng/ul
RT: 19.429 min Scan# 3615
Delta R.T. -0.019 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

Tgt Ion:202 Resp: 3457
Ion Ratio Lower Upper
202 100
101 14.7 9.8 14.6#
100 12.9 8.1 12.1#

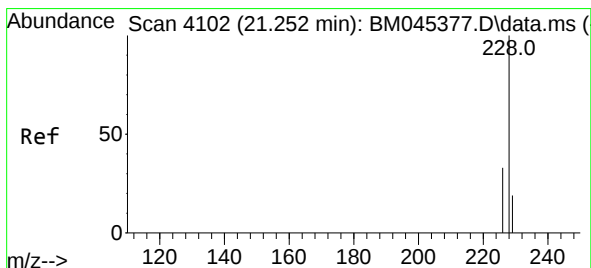
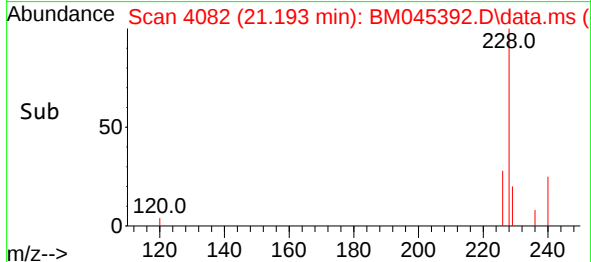
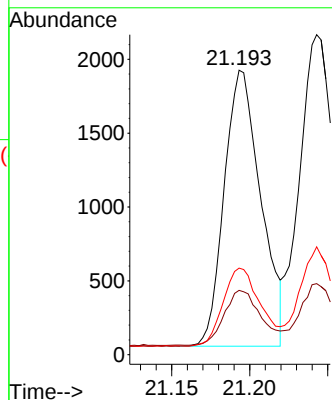
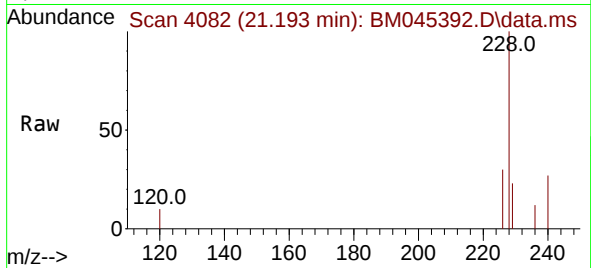




#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.193 min Scan# 4082
Delta R.T. -0.018 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

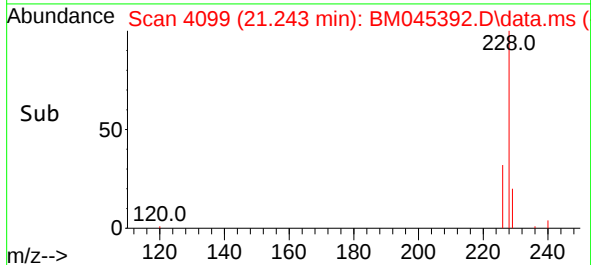
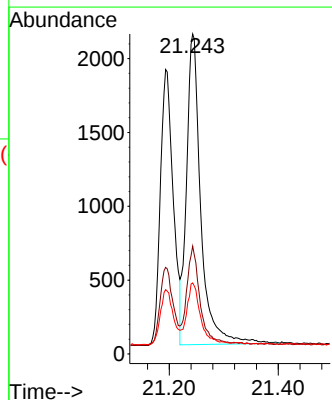
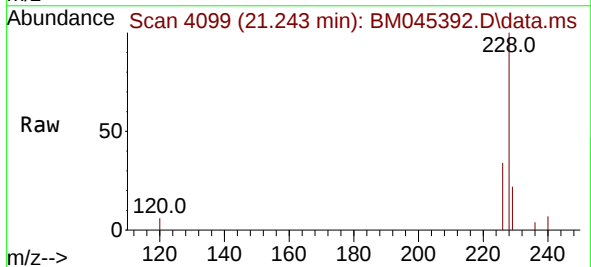
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E0MG3MS

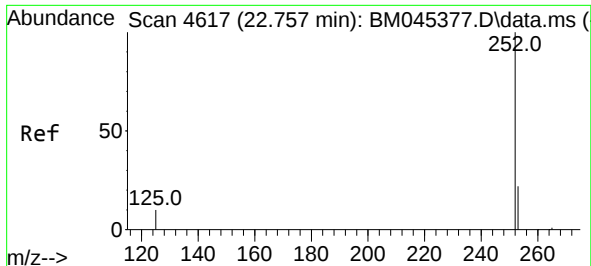
Tgt Ion:228	Resp:	3045
Ion Ratio	Lower	Upper
228	100	
229	22.6	16.4 24.6
226	30.4	22.3 33.5



#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.243 min Scan# 4099
Delta R.T. -0.012 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

Tgt Ion:228	Resp:	3831
Ion Ratio	Lower	Upper
228	100	
226	33.7	24.9 37.3
229	22.2	15.9 23.9

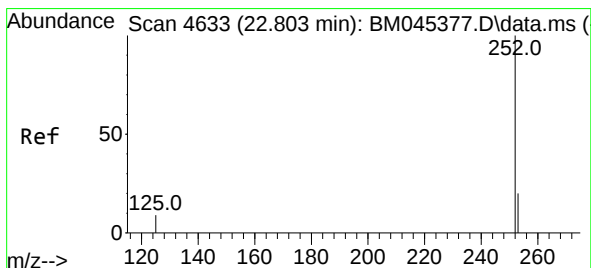
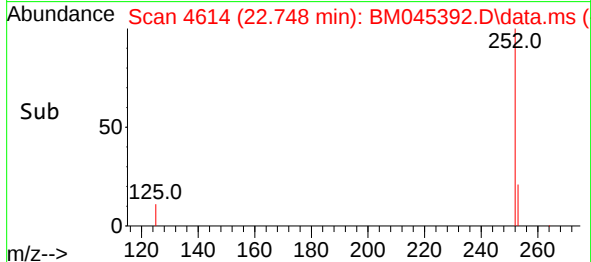
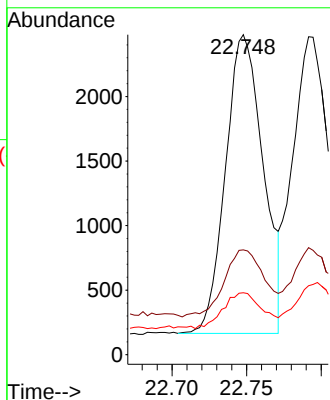
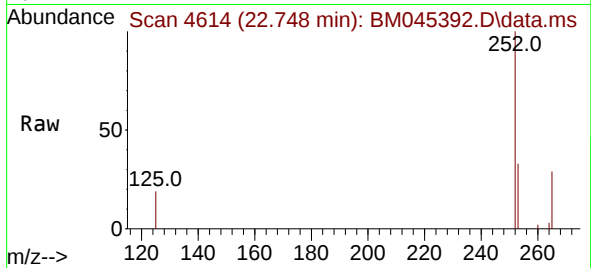




#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 22.748 min Scan# 4614
Delta R.T. -0.015 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

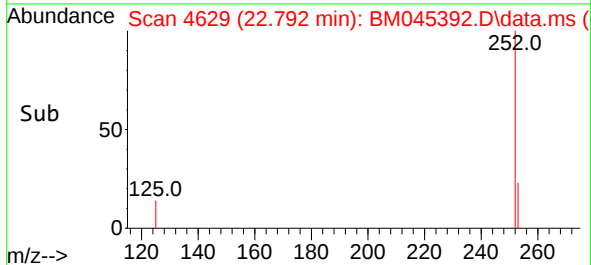
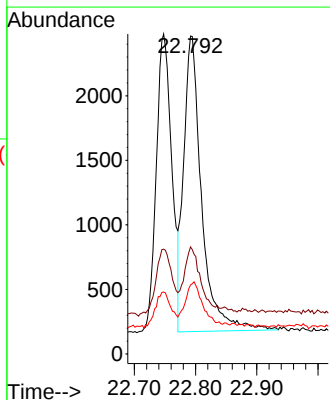
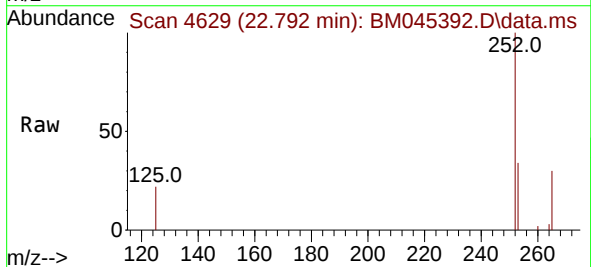
Instrument :
BNA_M
ClientSampleId :
E0MG3MS

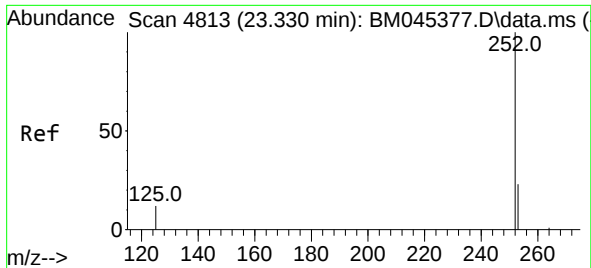
Tgt Ion:252 Resp: 4076
Ion Ratio Lower Upper
252 100
253 32.8 0.0 56.4
125 19.4 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 22.792 min Scan# 4629
Delta R.T. -0.015 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

Tgt Ion:252 Resp: 4653
Ion Ratio Lower Upper
252 100
253 33.7 22.3 33.5#
125 21.7 11.6 17.4#

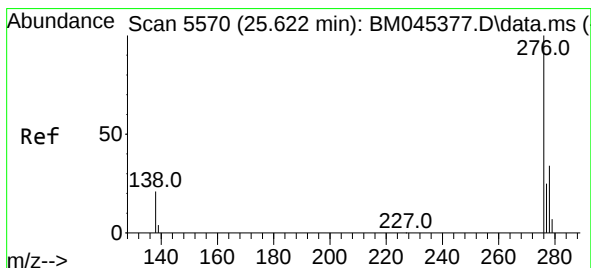
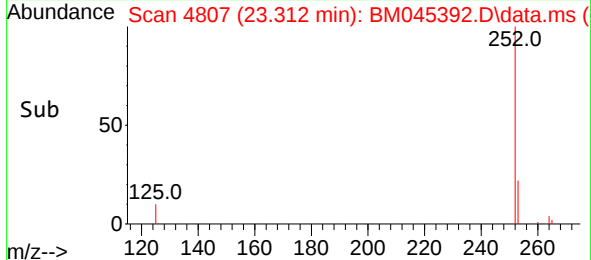
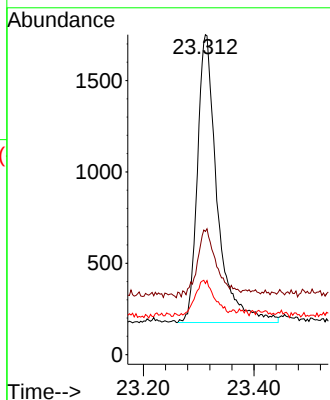
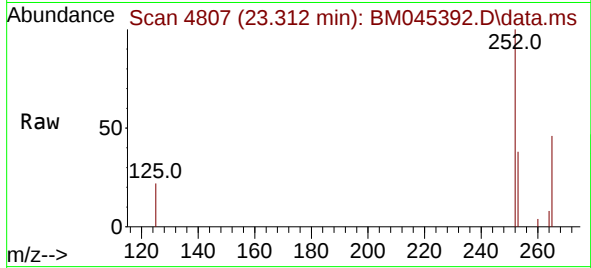




#26
Benzo(a)pyrene
Concen: 0.366 ng/ul
RT: 23.312 min Scan# 4807
Delta R.T. -0.020 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

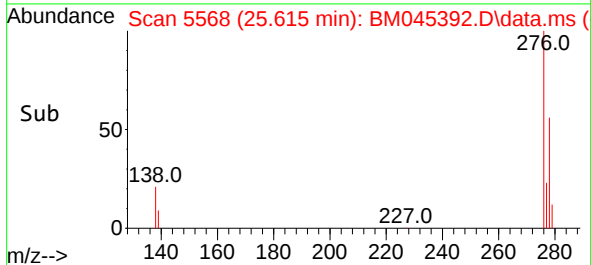
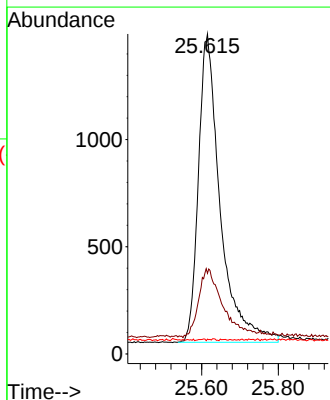
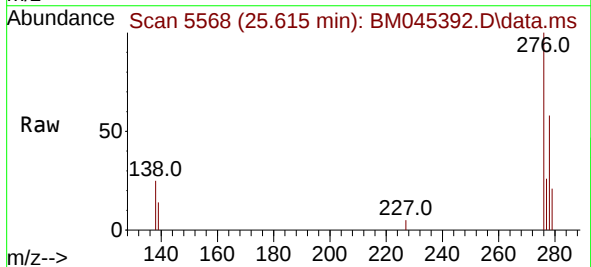
Instrument :
BNA_M
ClientSampleId :
E0MG3MS

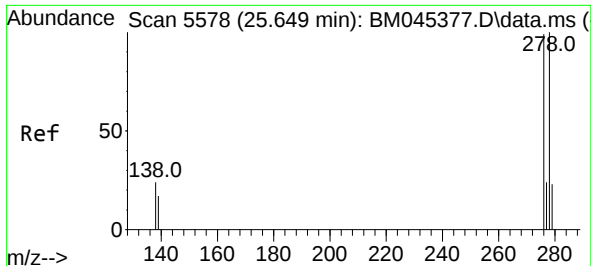
Tgt Ion:252 Resp: 3898
Ion Ratio Lower Upper
252 100
253 38.5 24.6 37.0#
125 22.2 18.2 27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 25.615 min Scan# 5568
Delta R.T. -0.017 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

Tgt Ion:276 Resp: 5681
Ion Ratio Lower Upper
276 100
138 25.0 0.0 0.0#
227 0.1 0.1 0.1#

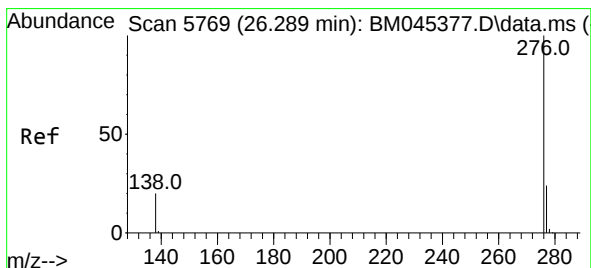
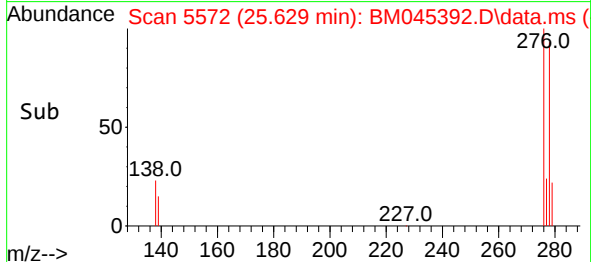
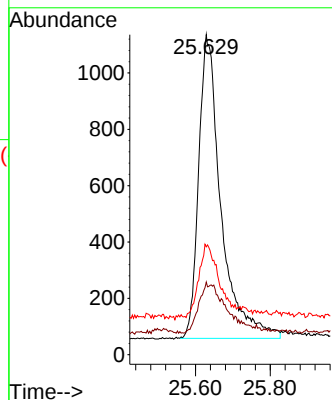
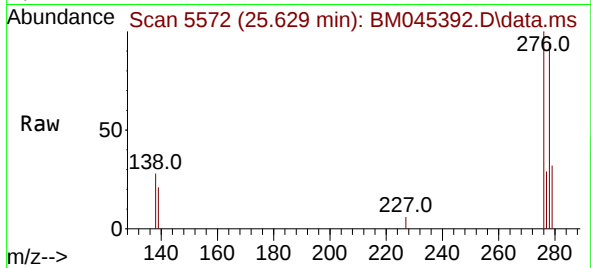




#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 25.629 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

Instrument :
BNA_M
ClientSampleId :
E0MG3MS

Tgt Ion:278 Resp: 4466
Ion Ratio Lower Upper
278 100
139 22.7 13.6 20.4#
279 33.7 23.0 34.4



#29
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 26.283 min Scan# 5767
Delta R.T. -0.020 min
Lab File: BM045392.D
Acq: 19 Apr 2024 14:25

Tgt Ion:276 Resp: 4920
Ion Ratio Lower Upper
276 100
138 24.6 16.8 25.2
277 27.2 20.3 30.5

