

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022124\
 Data File : BM044248.D
 Acq On : 22 Feb 2024 20:35
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

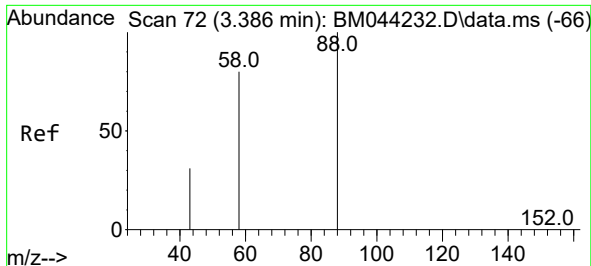
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4198

Quant Time: Feb 22 23:35:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	4893	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	14164	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	6269	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	13700	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	10914	0.400	ng/ul	0.00
23) Perylene-d12	23.894	264	12213	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	3173	0.458	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	8319	0.419	ng/ul	-0.01
18) Fluoranthene-d10	19.331	212	15056	0.462	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.386	88	3337	0.482	ng/ul	87
5) Naphthalene	10.748	128	18361	0.436	ng/ul	98
7) 2-Methylnaphthalene	12.365	142	10533	0.406	ng/ul	97
8) 1-Methylnaphthalene	12.585	142	10784	0.410	ng/ul	100
10) Acenaphthylene	14.265	152	15289	0.444	ng/ul	99
11) Acenaphthene	14.607	153	10824	0.433	ng/ul	99
12) Fluorene	15.602	166	11215	0.398	ng/ul	99
14) Pentachlorophenol	16.946	266	1664	0.339	ng/ul	97
15) Phenanthrene	17.343	178	17539	0.404	ng/ul	100
16) Anthracene	17.436	178	18371	0.428	ng/ul	100
19) Fluoranthene	19.359	202	22284	0.448	ng/ul	97
20) Pyrene	19.726	202	23457	0.448	ng/ul	99
21) Benzo(a)anthracene	21.485	228	18771	0.376	ng/ul	100
22) Chrysene	21.538	228	23239	0.431	ng/ul	100
24) Benzo(b)fluoranthene	23.166	252	20598	0.409	ng/ul	97
25) Benzo(k)fluoranthene	23.218	252	24357	0.445	ng/ul	97
26) Benzo(a)pyrene	23.791	252	19457	0.415	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.383	276	23308	0.391	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.430	278	18145	0.386	ng/ul	96
29) Benzo(g,h,i)perylene	27.138	276	21167	0.401	ng/ul	98

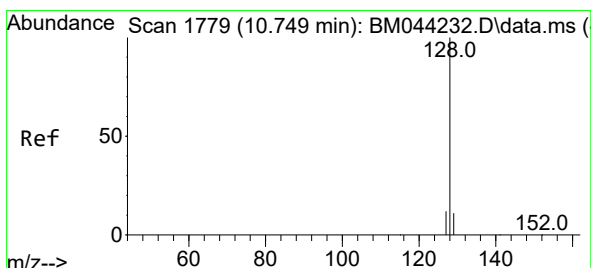
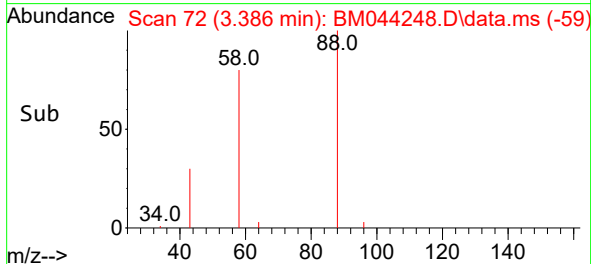
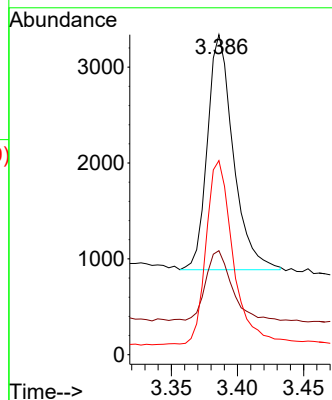
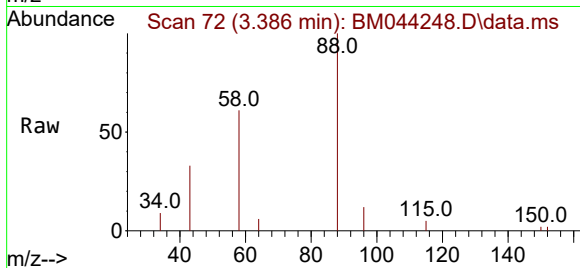
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.482 ng/ul
RT: 3.386 min Scan# 72
Delta R.T. -0.004 min
Lab File: BM044248.D
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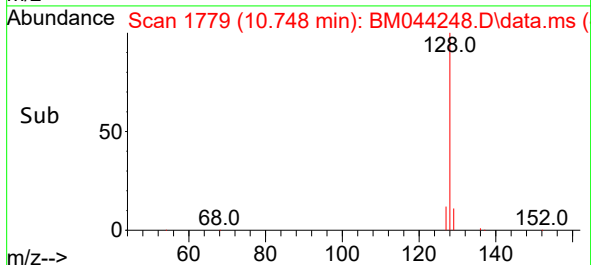
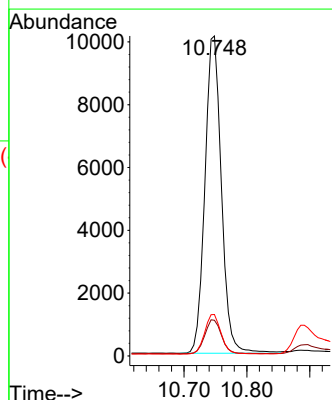
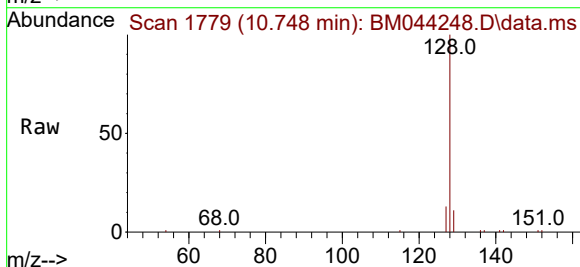
Instrument :
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ClientSampleId :
SSTD0.4198

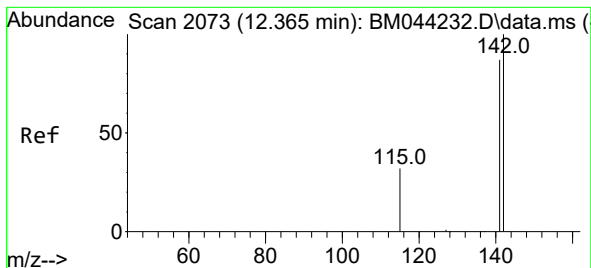
Tgt Ion: 88 Resp: 3337
Ion Ratio Lower Upper
88 100
43 32.5 32.2 48.2
58 60.6 40.6 60.8



#5
Naphthalene
Concen: 0.436 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

Tgt Ion: 128 Resp: 18361
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 12.9 10.7 16.1

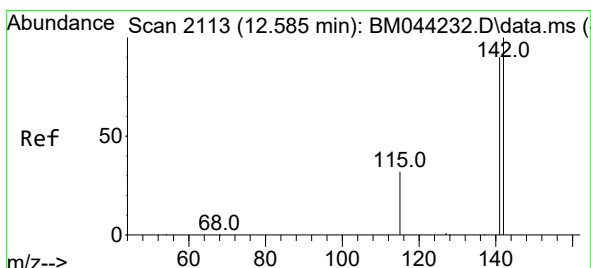
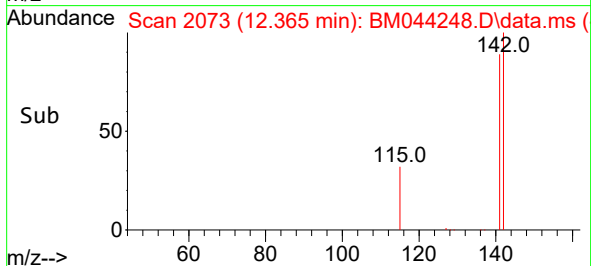
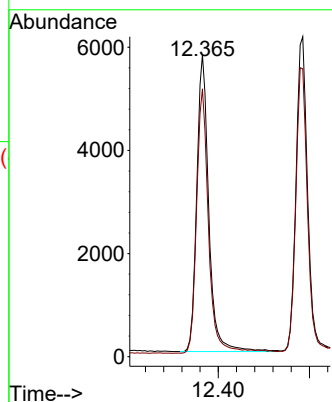
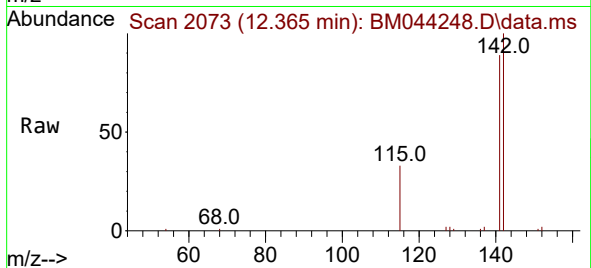




#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

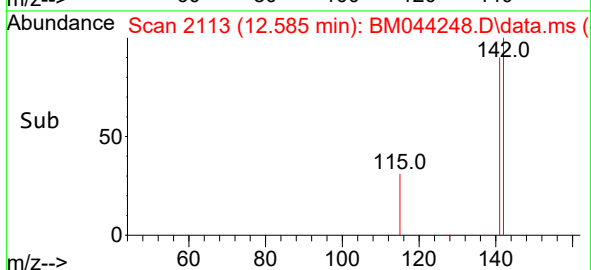
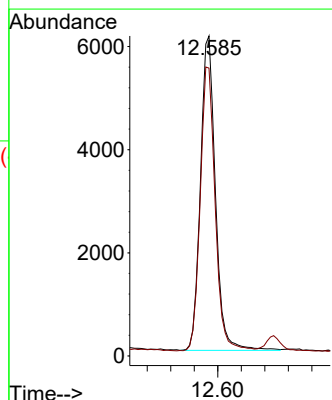
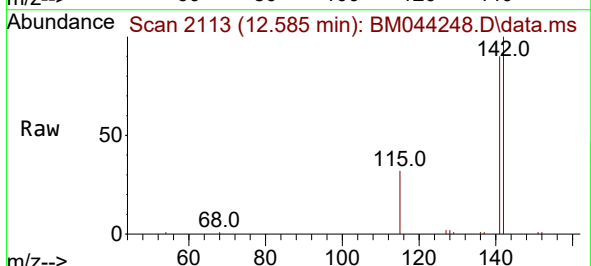
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BNA_M
ClientSampleId :
SSTD0.4198

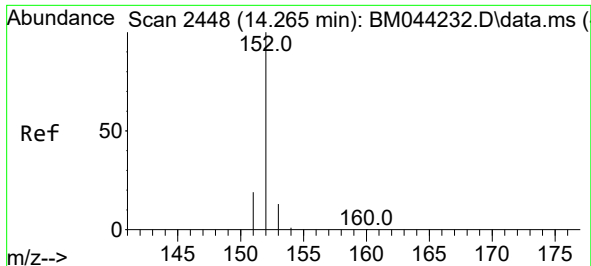
Tgt Ion:142 Resp: 10533
Ion Ratio Lower Upper
142 100
141 90.1 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

Tgt Ion:142 Resp: 10784
Ion Ratio Lower Upper
142 100
141 90.2 72.5 108.7

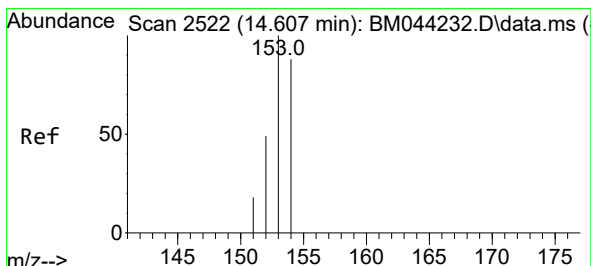
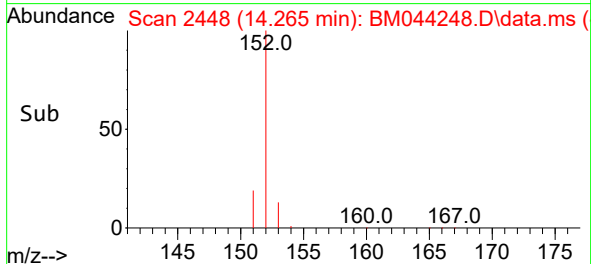
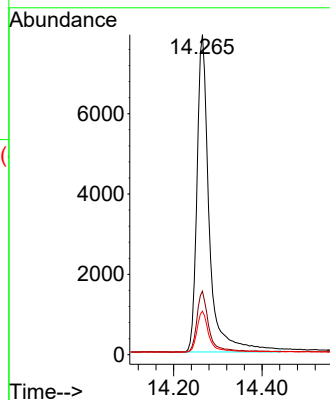
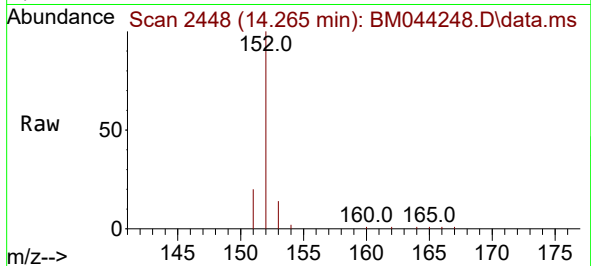




#10
Acenaphthylene
Concen: 0.444 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

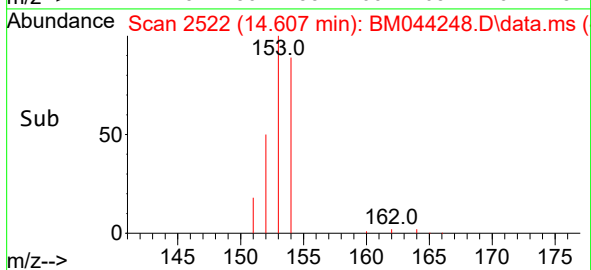
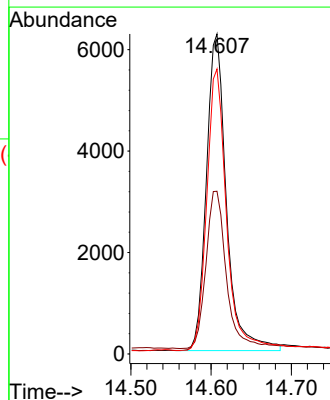
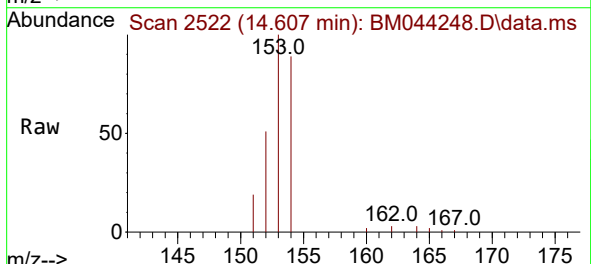
Instrument :
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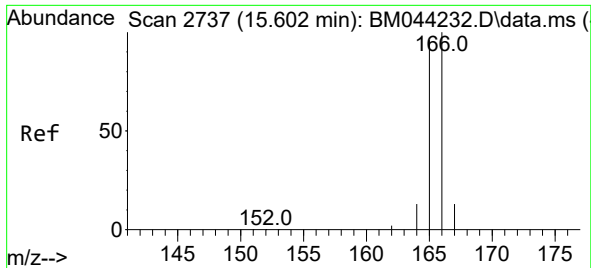
Tgt Ion:152 Resp: 15289
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.607 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

Tgt Ion:153 Resp: 10824
Ion Ratio Lower Upper
153 100
152 50.8 40.6 61.0
154 89.1 70.1 105.1

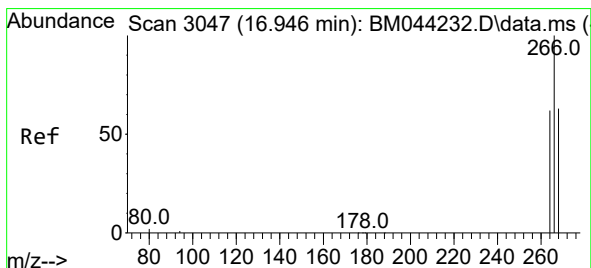
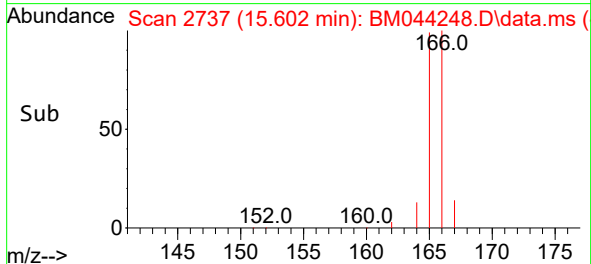
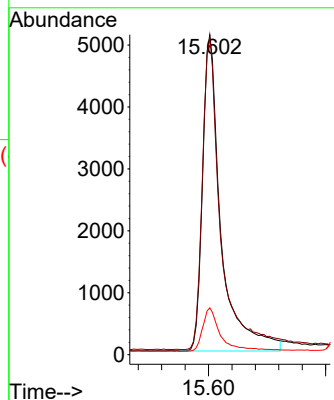
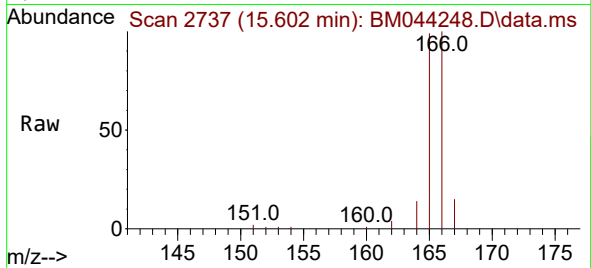




#12
Fluorene
Concen: 0.398 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

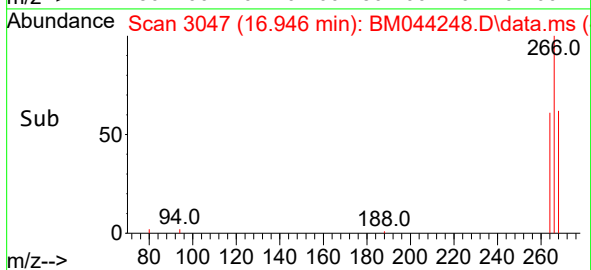
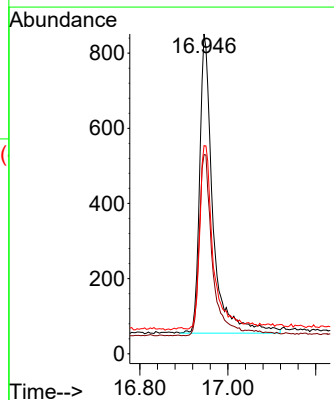
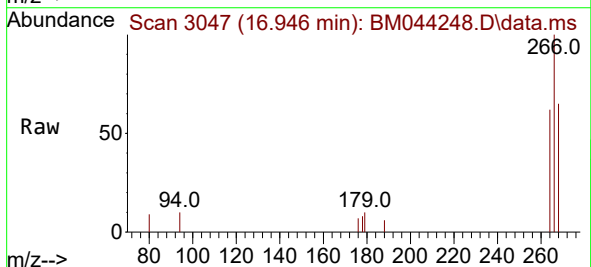
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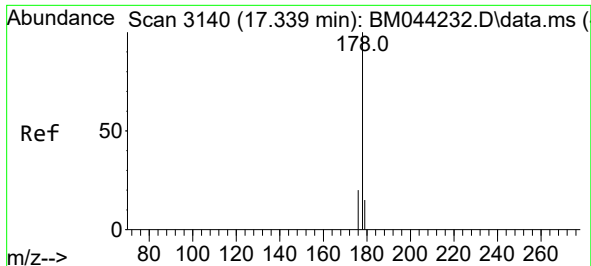
Tgt Ion:	166	Resp:	11215
Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.6
167	14.7	11.1	16.7



#14
Pentachlorophenol
Concen: 0.339 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. 0.000 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

Tgt Ion:	266	Resp:	1664
Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.4	74.0
268	62.4	52.1	78.1

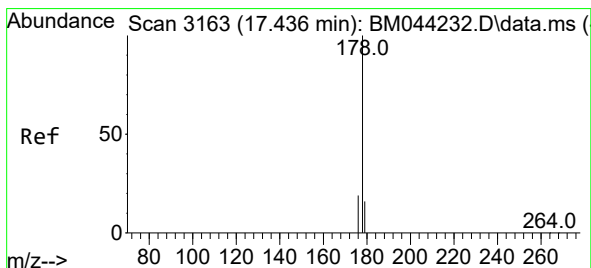
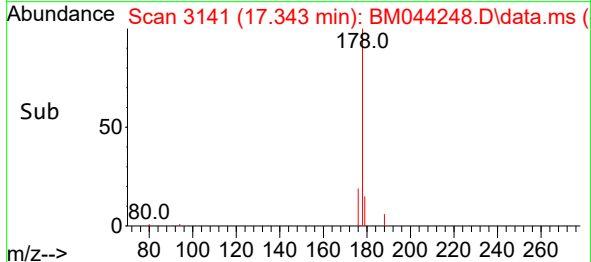
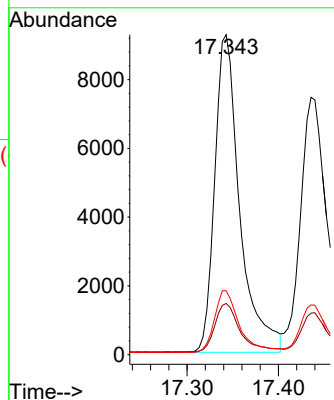
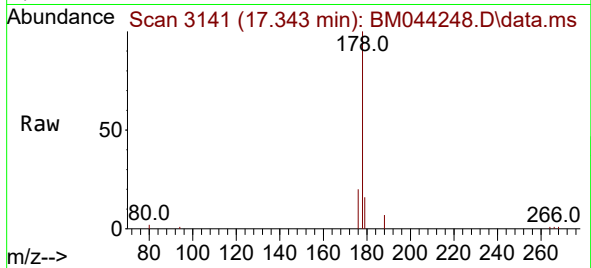




#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. 0.004 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

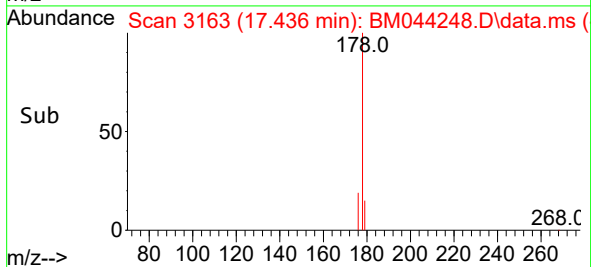
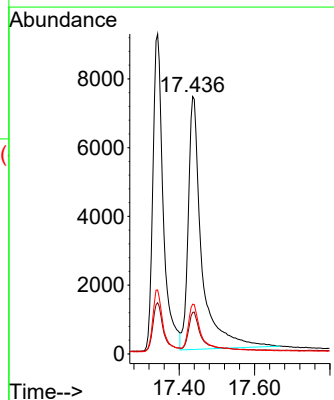
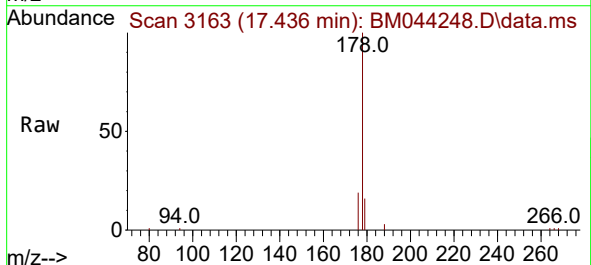
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ClientSampleId :
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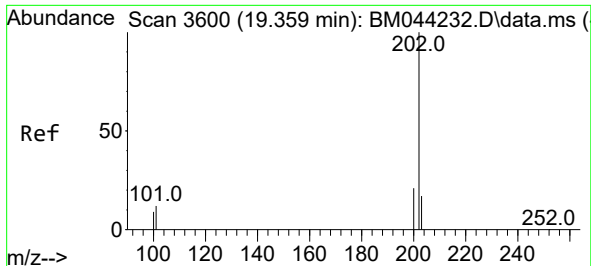
Tgt Ion:178 Resp: 17539
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.428 ng/ul
RT: 17.436 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

Tgt Ion:178 Resp: 18371
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 19.3 15.3 22.9

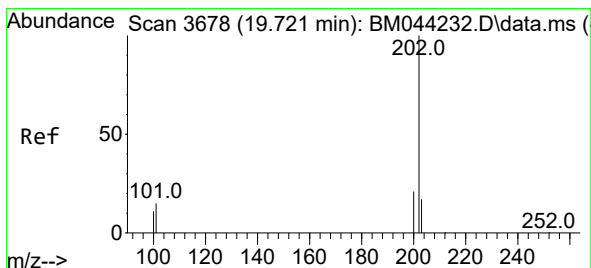
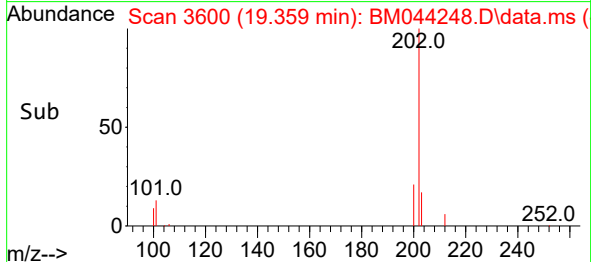
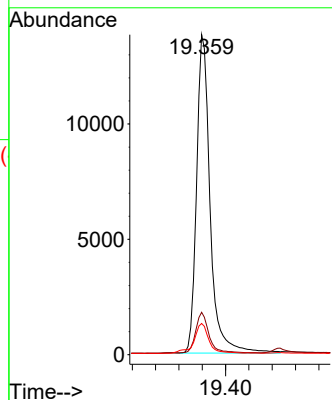
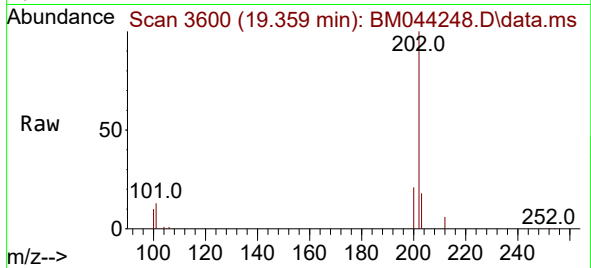




#19
Fluoranthene
Concen: 0.448 ng/ul
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

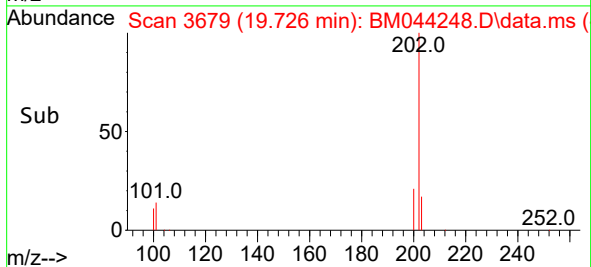
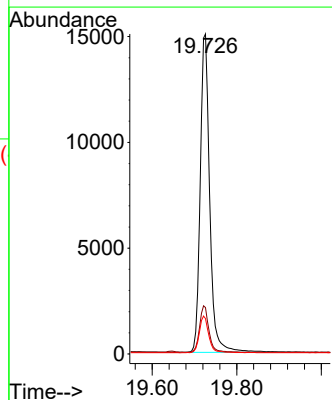
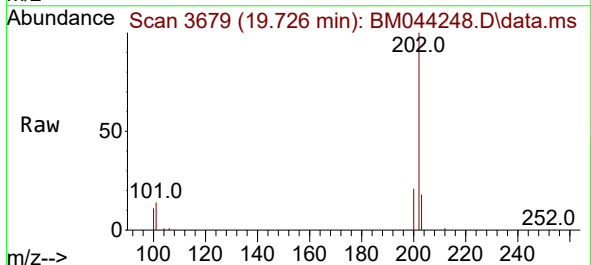
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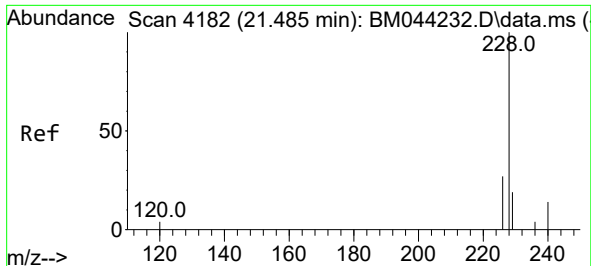
Tgt Ion:202 Resp: 22284
Ion Ratio Lower Upper
202 100
101 13.3 9.8 14.6
100 9.8 7.0 10.4



#20
Pyrene
Concen: 0.448 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

Tgt Ion:202 Resp: 23457
Ion Ratio Lower Upper
202 100
101 14.5 11.2 16.8
100 11.0 8.6 13.0

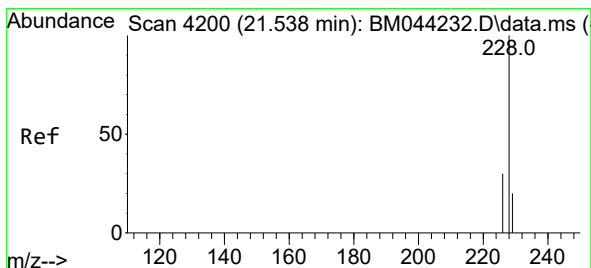
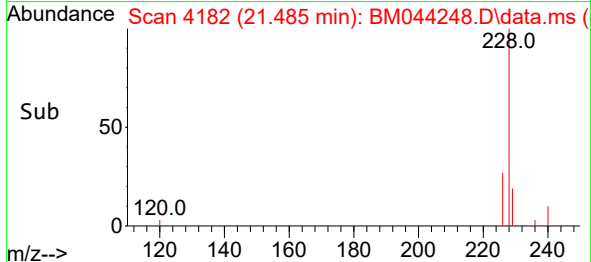
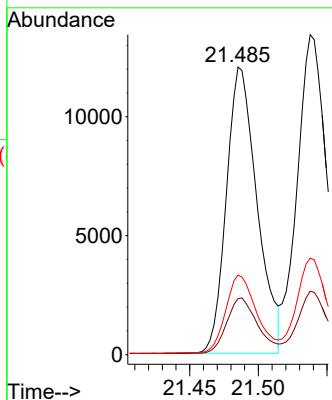
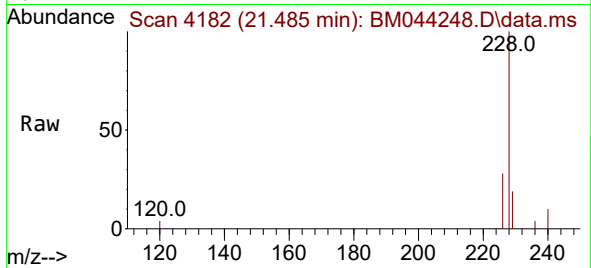




#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. 0.000 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

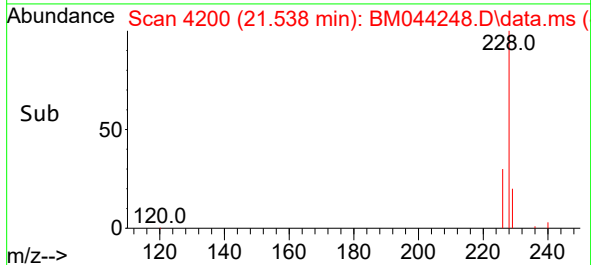
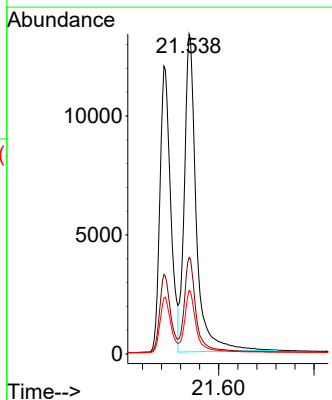
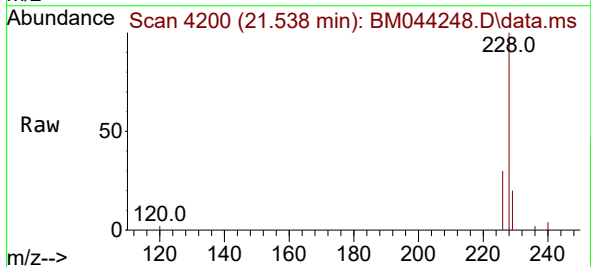
Instrument :
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SSTD0.4198

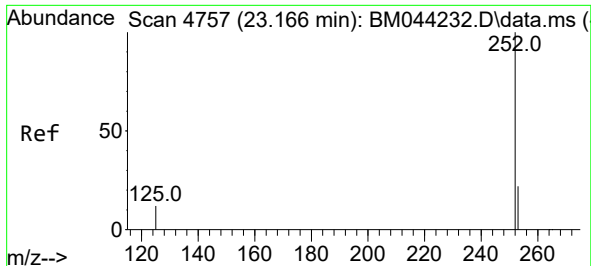
Tgt Ion:228 Resp: 18771
Ion Ratio Lower Upper
228 100
229 19.5 15.4 23.2
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.431 ng/ul
RT: 21.538 min Scan# 4200
Delta R.T. 0.000 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

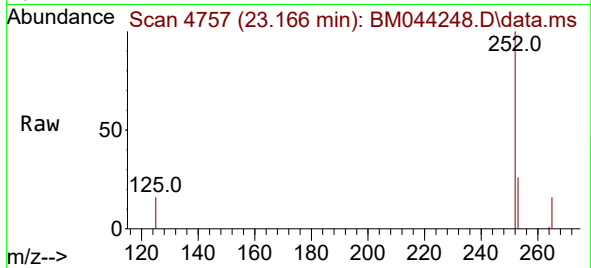
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Ion Ratio Lower Upper
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226 30.1 24.2 36.2
229 19.9 15.8 23.6



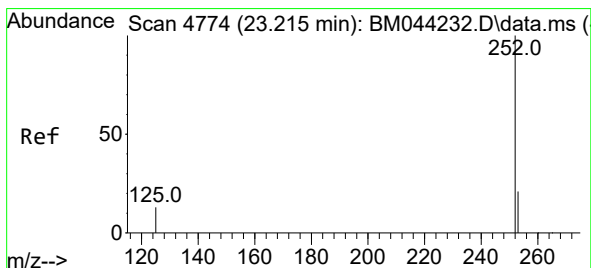
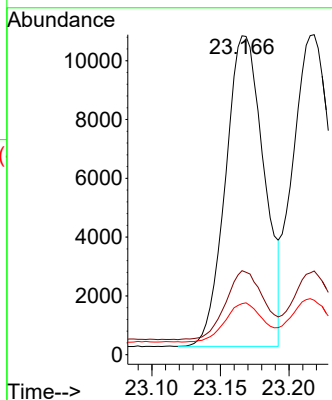


#24
Benzo(b)fluoranthene
Concen: 0.409 ng/ul
RT: 23.166 min Scan# 4757
Delta R.T. 0.003 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

Instrument :
BNA_M
ClientSampleId :
SSTD0.4198

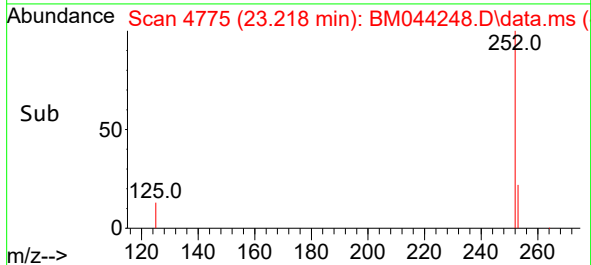
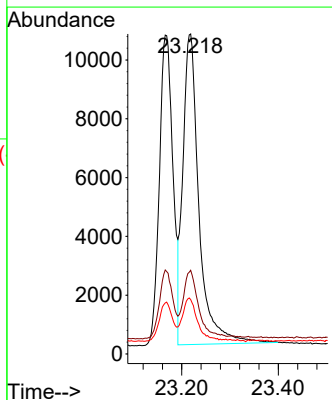
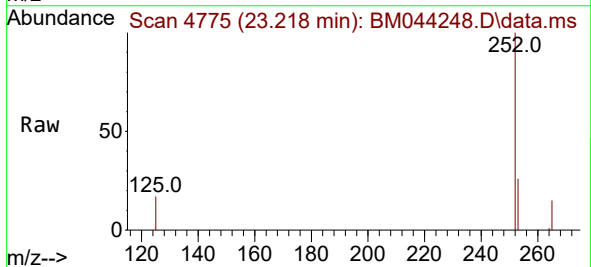


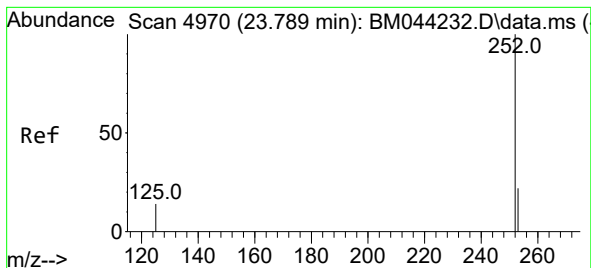
Tgt Ion:252 Resp: 20598
Ion Ratio Lower Upper
252 100
253 26.3 0.0 50.0
125 16.0 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.445 ng/ul
RT: 23.218 min Scan# 4775
Delta R.T. 0.006 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

Tgt Ion:252 Resp: 24357
Ion Ratio Lower Upper
252 100
253 26.2 20.1 30.1
125 17.0 12.3 18.5





#26

Benzo(a)pyrene

Concen: 0.415 ng/ul

RT: 23.791 min Scan# 4970

Delta R.T. 0.006 min

Lab File: BM044248.D

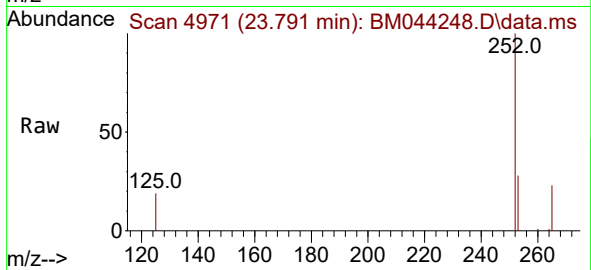
Acq: 22 Feb 2024 20:35

Instrument :

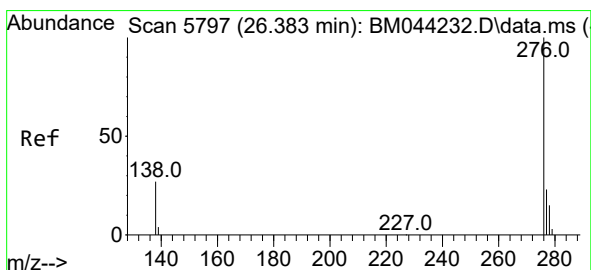
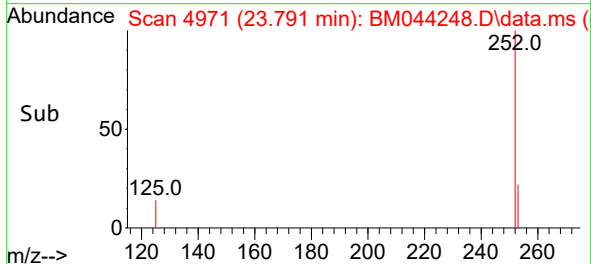
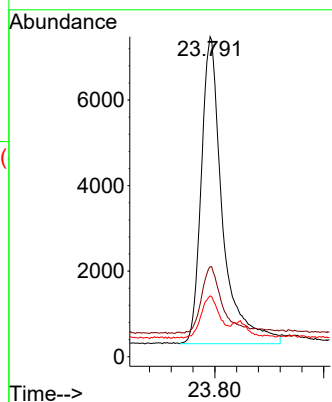
BNA_M

ClientSampleId :

SSTD0.4198



Tgt Ion:	252	Resp:	19457
Ion Ratio	Lower	Upper	
252	100		
253	28.1	21.4	32.2
125	19.0	13.3	19.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.391 ng/ul

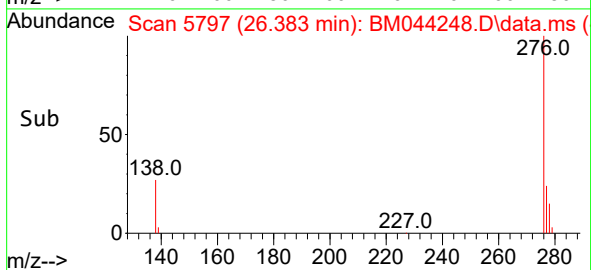
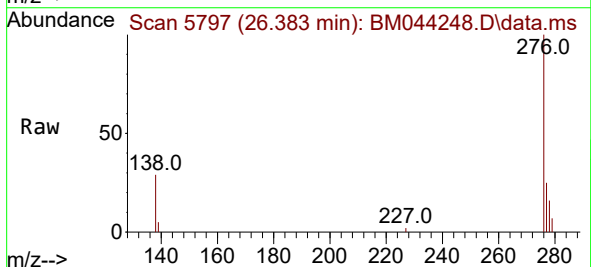
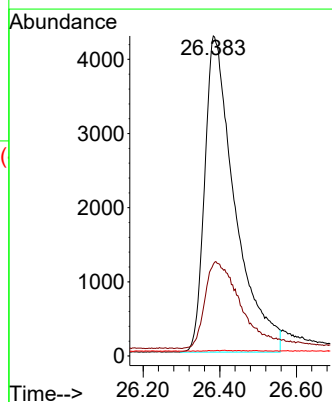
RT: 26.383 min Scan# 5797

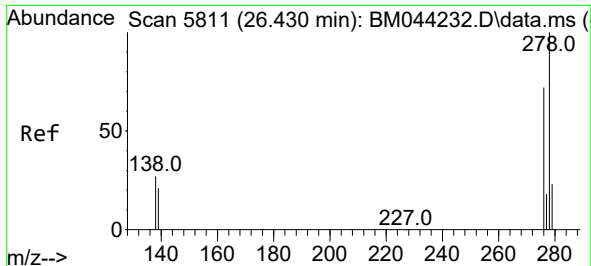
Delta R.T. 0.014 min

Lab File: BM044248.D

Acq: 22 Feb 2024 20:35

Tgt Ion:	276	Resp:	23308
Ion Ratio	Lower	Upper	
276	100		
138	32.5	25.2	37.8
227	0.0	0.1	0.1#

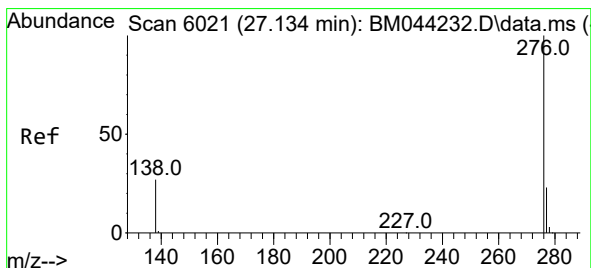
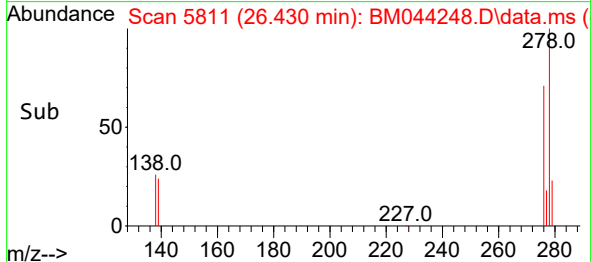
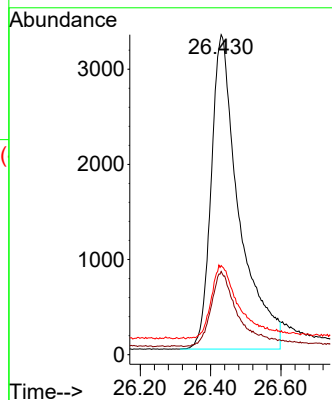
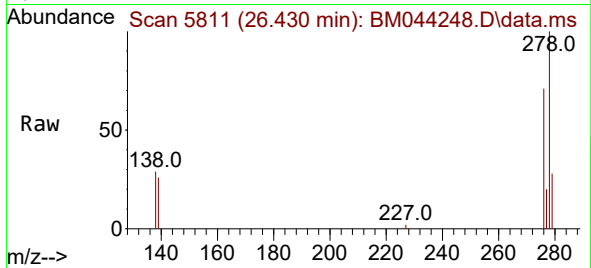




#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 26.430 min Scan# 5811
Delta R.T. 0.020 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

Instrument :
BNA_M
ClientSampleId :
SSTD0.4198

Tgt Ion:278 Resp: 18145
Ion Ratio Lower Upper
278 100
139 26.0 17.8 26.8
279 27.9 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 27.138 min Scan# 6022
Delta R.T. 0.010 min
Lab File: BM044248.D
Acq: 22 Feb 2024 20:35

Tgt Ion:276 Resp: 21167
Ion Ratio Lower Upper
276 100
138 29.1 22.7 34.1
277 24.9 19.0 28.6

