

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041485.D
 Acq On : 25 Aug 2023 03:46
 Operator : MA/JU
 Sample : PB155032BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS032

Quant Time: Aug 25 04:44:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 24 18:34:12 2023
 Response via : Initial Calibration

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

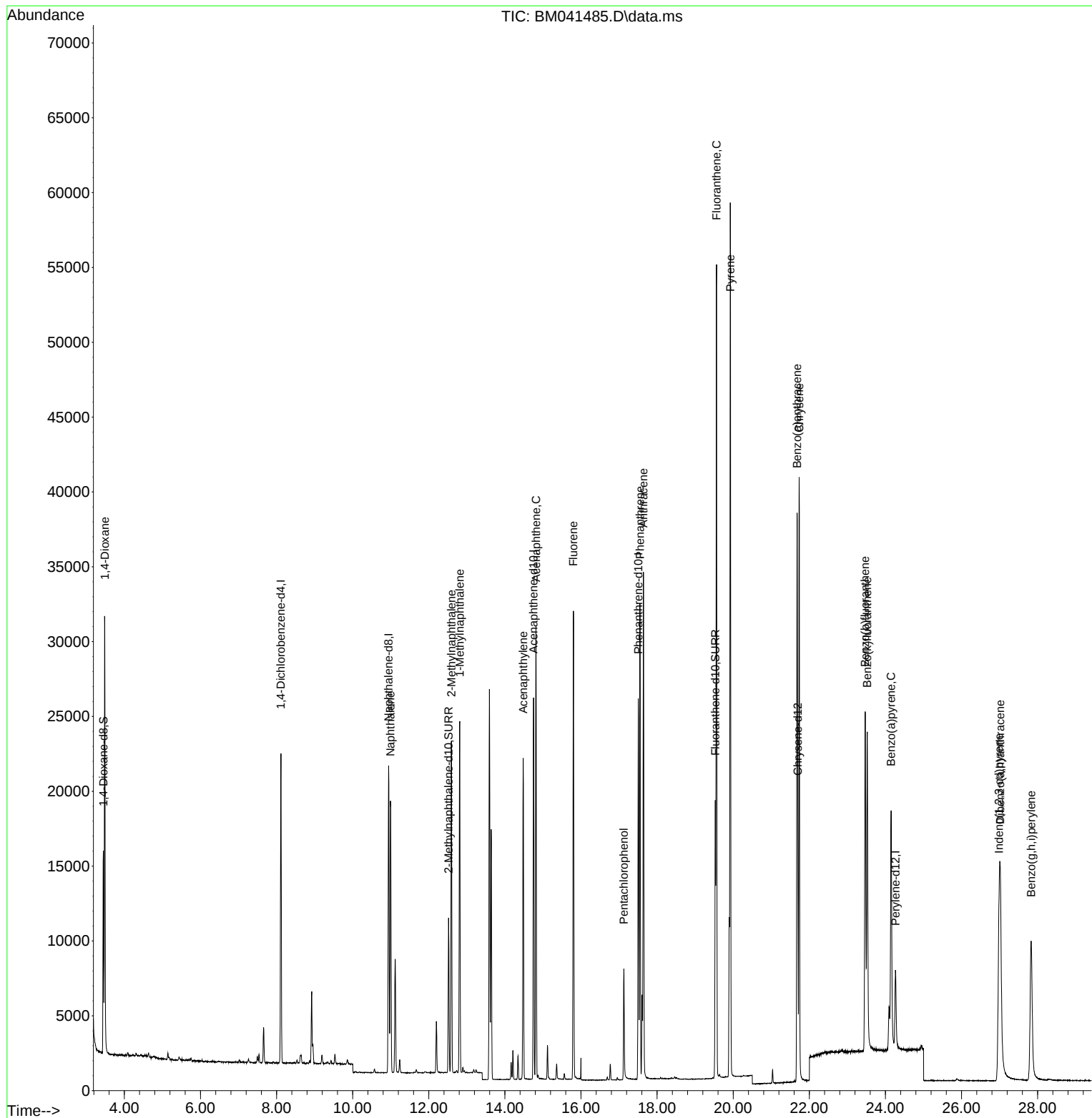
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	10075	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	26939	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	13099	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	26241	0.400	ng/ul	0.00
17) Chrysene-d12	21.696	240	9053	0.400	ng/ul	0.00
23) Perylene-d12	24.266	264	7659	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	8017	0.629	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	12256	0.344	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	15649	0.392	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	18505	1.410	ng/ul#	91
5) Naphthalene	10.993	128	24562	0.306	ng/ul	100
7) 2-Methylnaphthalene	12.594	142	14839	0.308	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	15884	0.324	ng/ul	99
10) Acenaphthylene	14.481	152	23203	0.295	ng/ul	100
11) Acenaphthene	14.819	153	16928	0.309	ng/ul	98
12) Fluorene	15.799	166	19155	0.313	ng/ul	100
14) Pentachlorophenol	17.126	266	5011	1.013	ng/ul	98
15) Phenanthrene	17.548	178	32774	0.340	ng/ul	99
16) Anthracene	17.641	178	35192	0.401	ng/ul	100
19) Fluoranthene	19.561	202	44136	0.531	ng/ul	99
20) Pyrene	19.924	202	46633	0.556	ng/ul	98
21) Benzo(a)anthracene	21.679	228	32926	0.559	ng/ul	99
22) Chrysene	21.734	228	36033	0.566	ng/ul	99
24) Benzo(b)fluoranthene	23.468	252	31717	0.605	ng/ul	98
25) Benzo(k)fluoranthene	23.523	252	30771	0.586	ng/ul	99
26) Benzo(a)pyrene	24.149	252	26959	0.626	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.984	276	29289	0.544	ng/ul#	98
28) Dibenzo(a,h)anthracene	27.018	278	21218	0.515	ng/ul	98
29) Benzo(g,h,i)perylene	27.829	276	24431	0.515	ng/ul	99

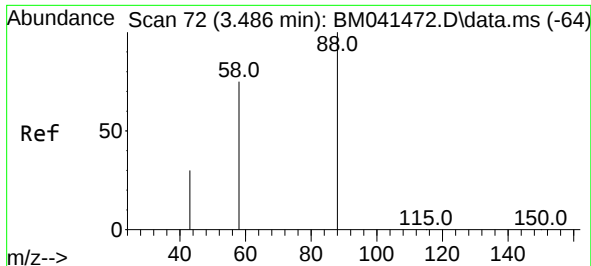
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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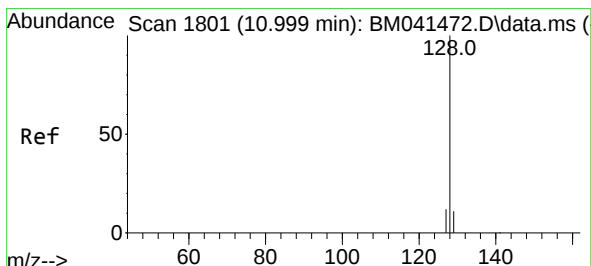
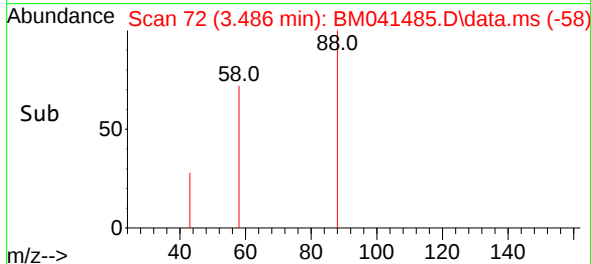
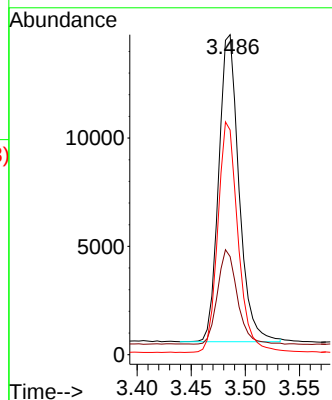
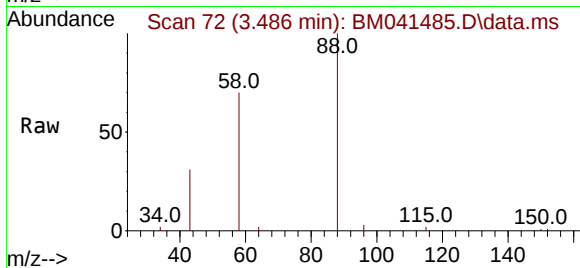




#2
1,4-Dioxane
Concen: 1.410 ng/ul
RT: 3.486 min Scan# 72
Delta R.T. -0.000 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

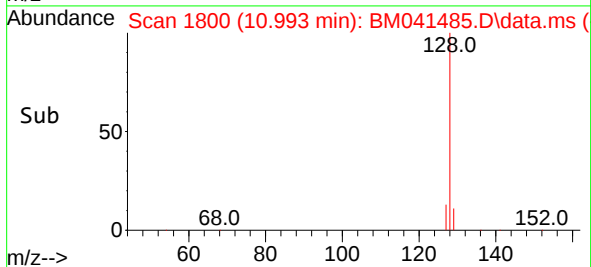
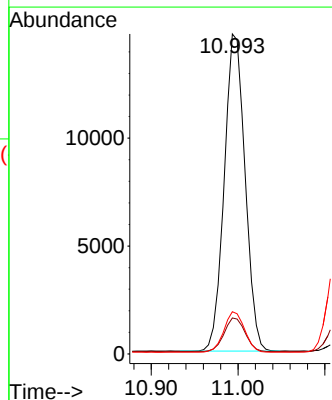
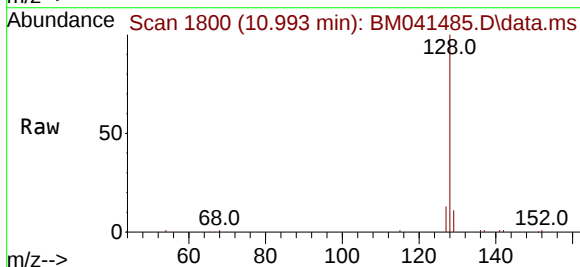
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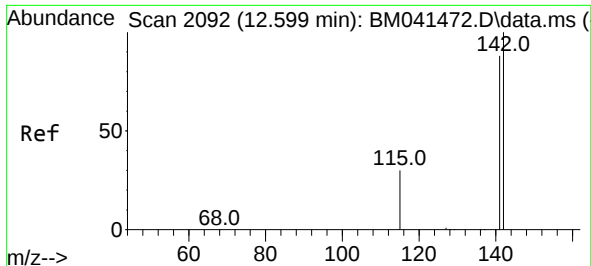
Tgt Ion: 88 Resp: 18505
Ion Ratio Lower Upper
88 100
43 30.7 35.4 53.2#
58 70.2 57.3 85.9



#5
Naphthalene
Concen: 0.306 ng/ul
RT: 10.993 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

Tgt Ion:128 Resp: 24562
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 15.8

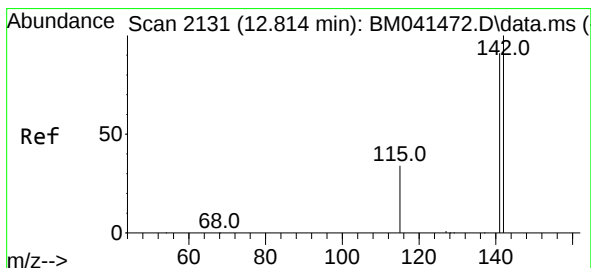
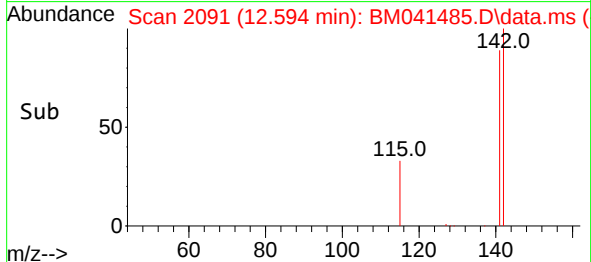
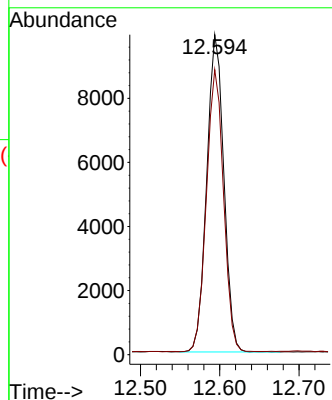
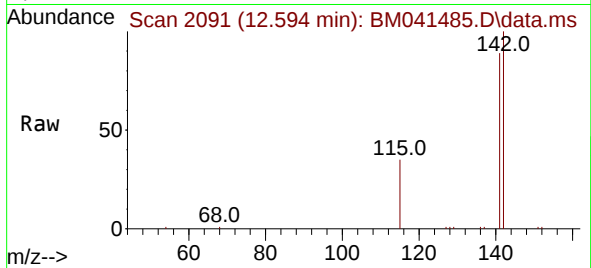




#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

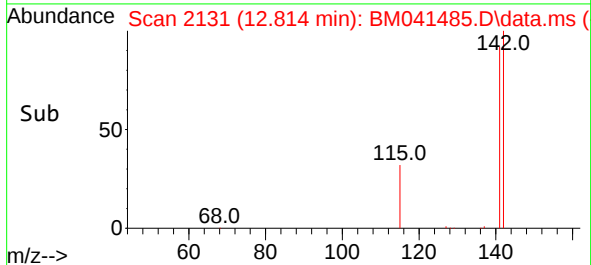
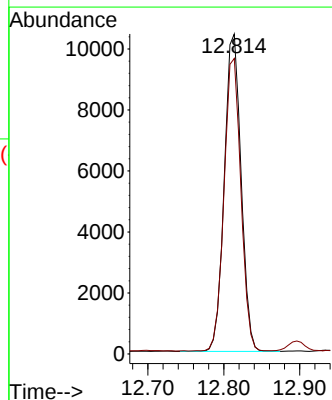
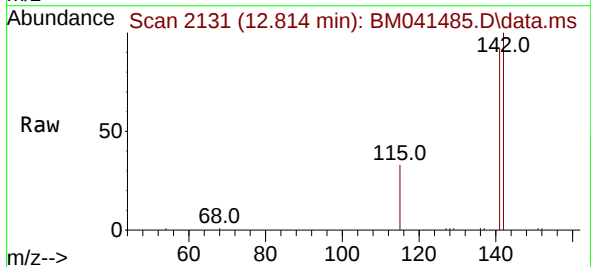
Instrument :
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ClientSampleId :
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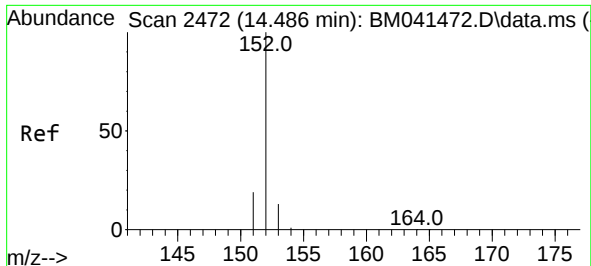
Tgt Ion:142 Resp: 14839
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

Tgt Ion:142 Resp: 15884
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.2

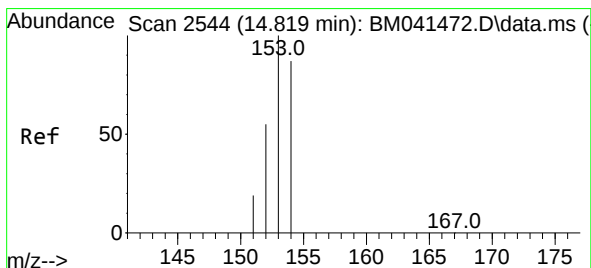
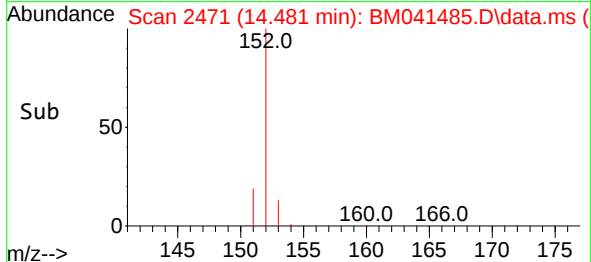
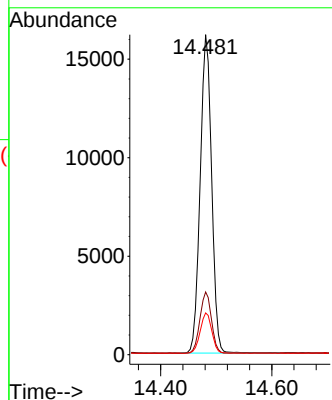
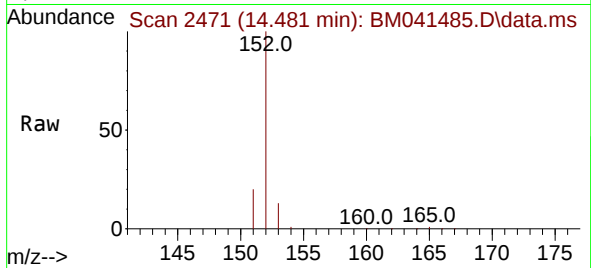




#10
Acenaphthylene
Concen: 0.295 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. -0.005 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

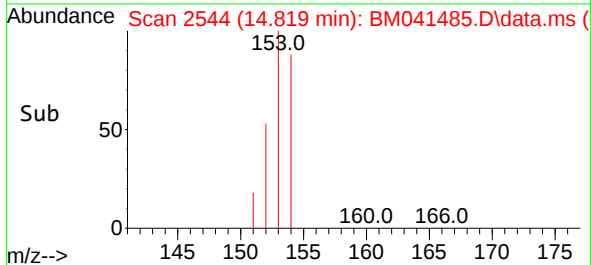
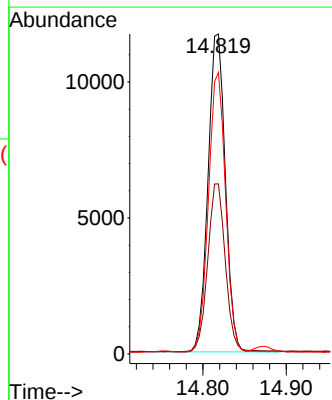
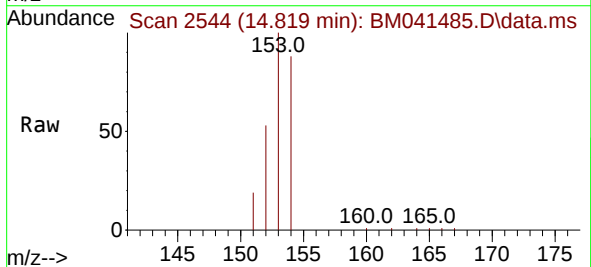
Instrument :
BNA_M
ClientSampleId :
SLCS032

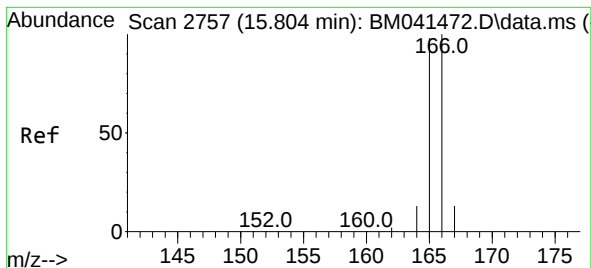
Tgt Ion:152 Resp: 23203
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.1 10.6 15.8



#11
Acenaphthene
Concen: 0.309 ng/ul
RT: 14.819 min Scan# 2544
Delta R.T. -0.000 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

Tgt Ion:153 Resp: 16928
Ion Ratio Lower Upper
153 100
152 53.1 42.9 64.3
154 88.0 68.9 103.3





#12

Fluorene

Concen: 0.313 ng/ul

RT: 15.799 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM041485.D

Acq: 25 Aug 2023 03:46

Instrument :

BNA_M

ClientSampleId :

SLCS032

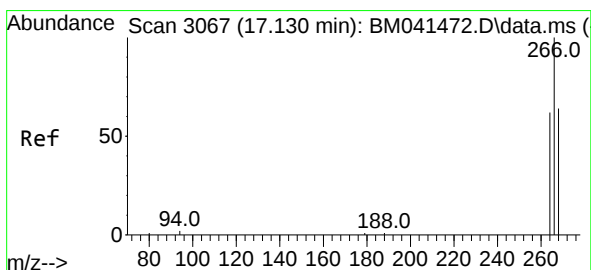
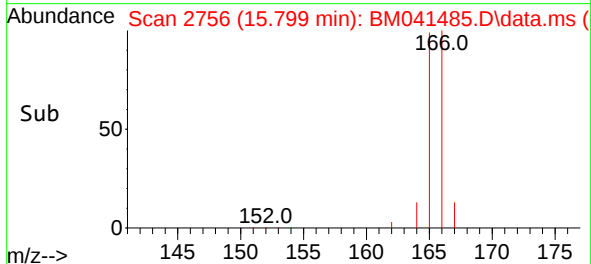
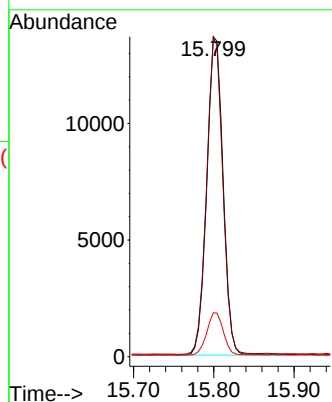
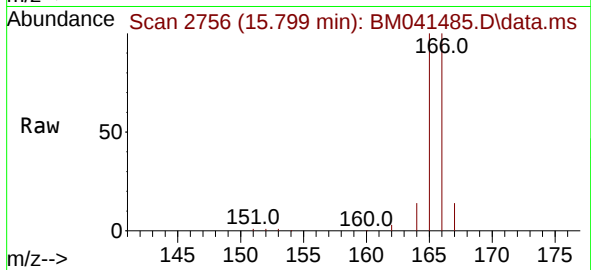
Tgt Ion:166 Resp: 19155

Ion Ratio Lower Upper

166 100

165 99.6 79.4 119.2

167 13.7 11.0 16.6



#14

Pentachlorophenol

Concen: 1.013 ng/ul

RT: 17.126 min Scan# 3066

Delta R.T. -0.004 min

Lab File: BM041485.D

Acq: 25 Aug 2023 03:46

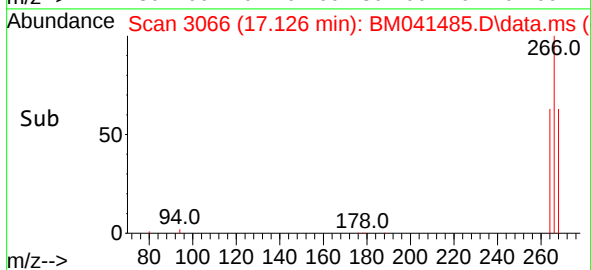
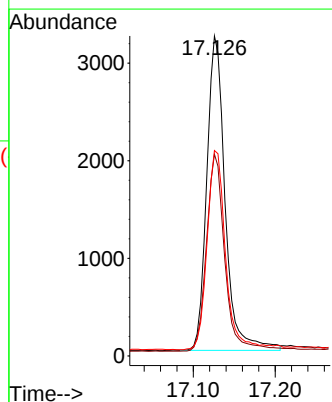
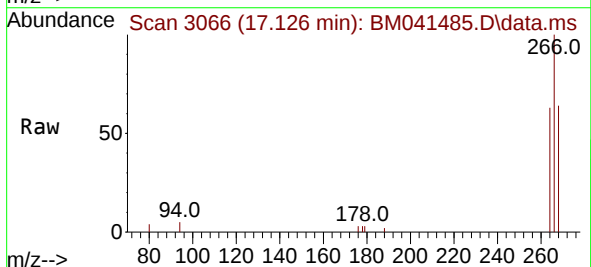
Tgt Ion:266 Resp: 5011

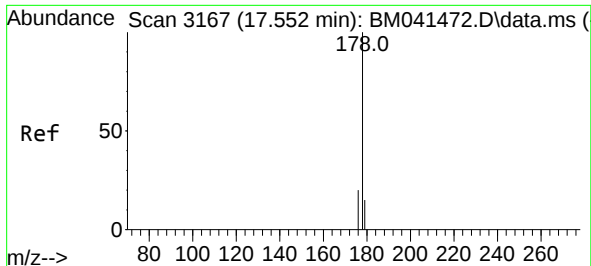
Ion Ratio Lower Upper

266 100

264 62.6 50.1 75.1

268 64.4 48.6 73.0

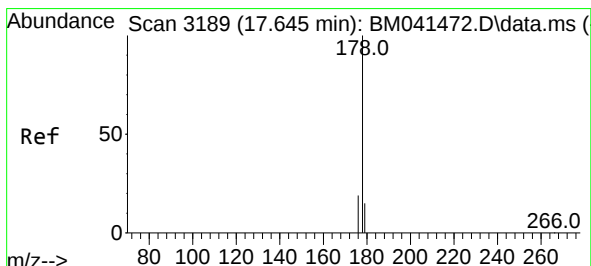
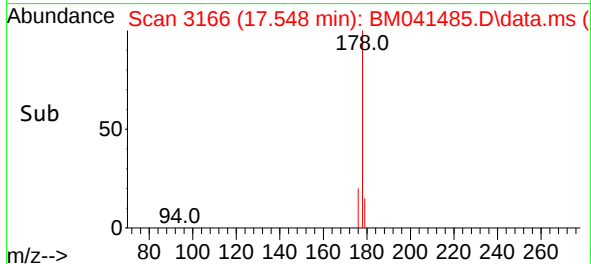
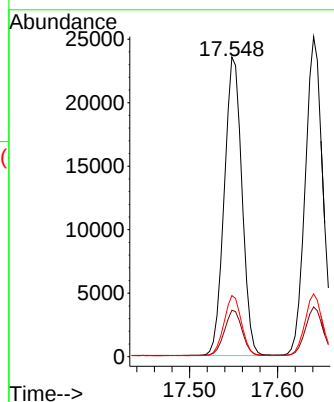
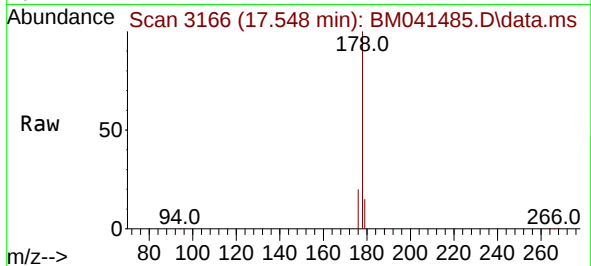




#15
Phenanthrene
Concen: 0.340 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.009 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

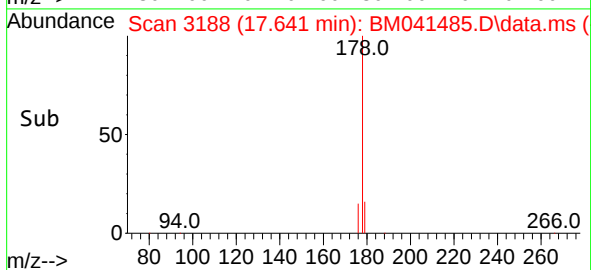
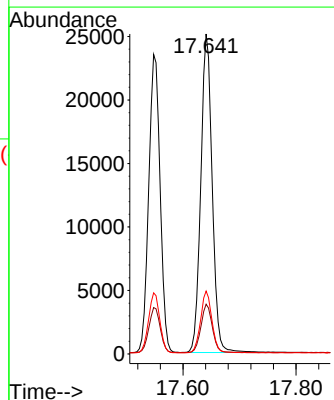
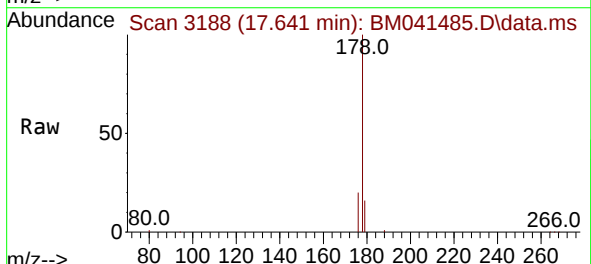
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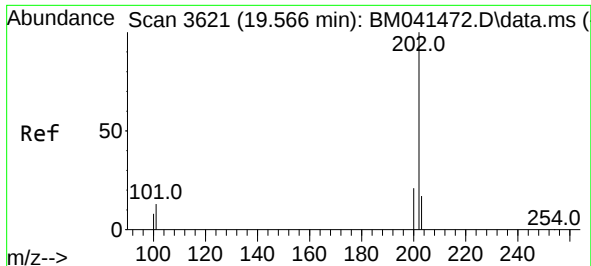
Tgt Ion:178 Resp: 32774
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 20.4 15.8 23.8



#16
Anthracene
Concen: 0.401 ng/ul
RT: 17.641 min Scan# 3188
Delta R.T. -0.004 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

Tgt Ion:178 Resp: 35192
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.6 15.5 23.3

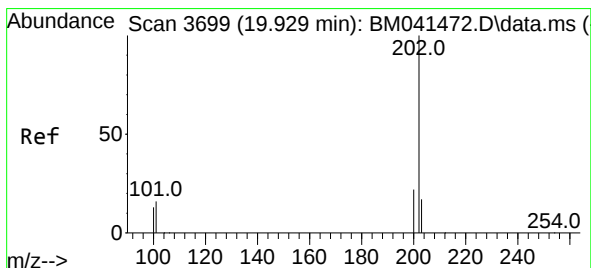
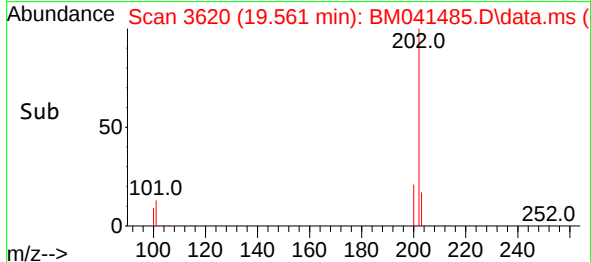
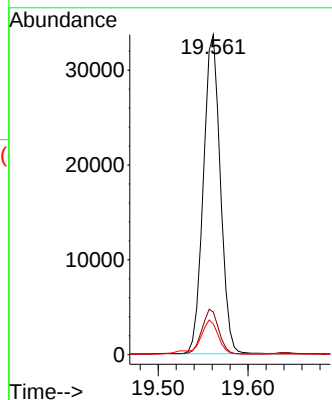
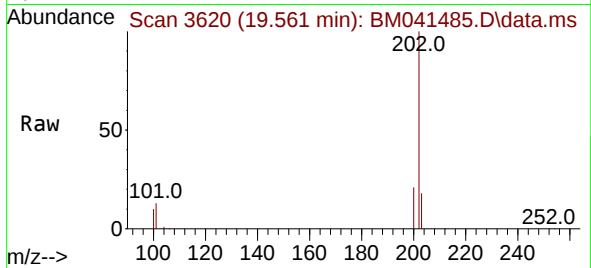




#19
Fluoranthene
Concen: 0.531 ng/ul
RT: 19.561 min Scan# 3620
Delta R.T. -0.005 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

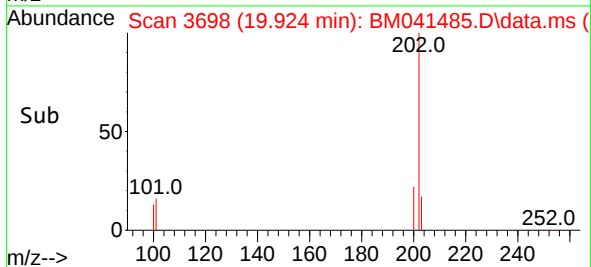
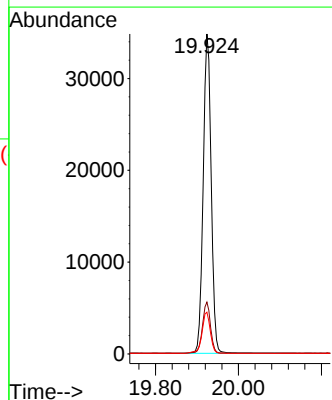
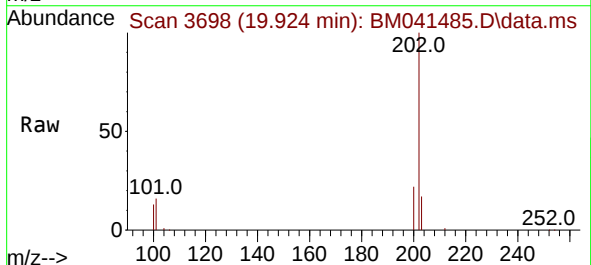
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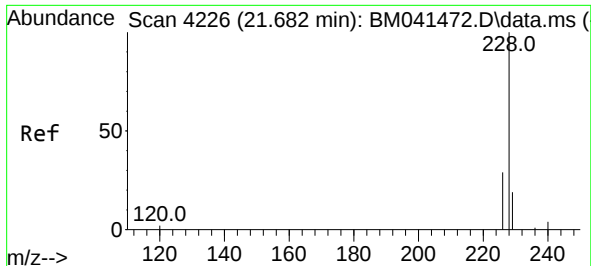
Tgt Ion:202 Resp: 44136
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.6
100 9.6 7.9 11.9



#20
Pyrene
Concen: 0.556 ng/ul
RT: 19.924 min Scan# 3698
Delta R.T. -0.009 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

Tgt Ion:202 Resp: 46633
Ion Ratio Lower Upper
202 100
101 16.2 12.2 18.2
100 13.1 9.8 14.8

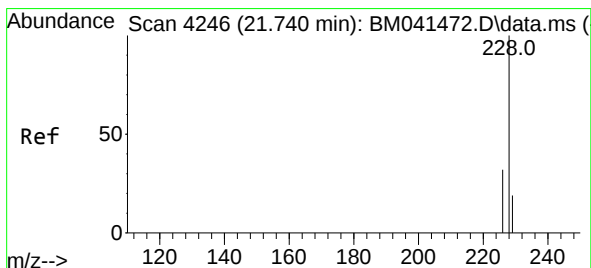
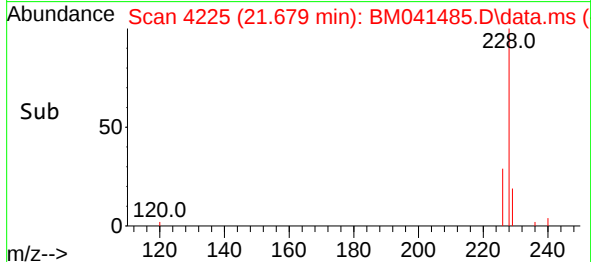
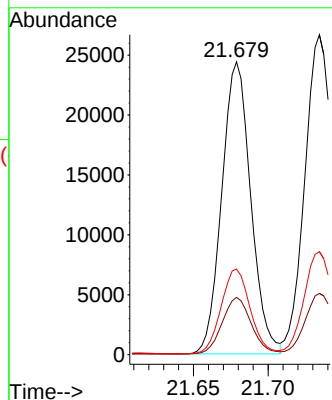
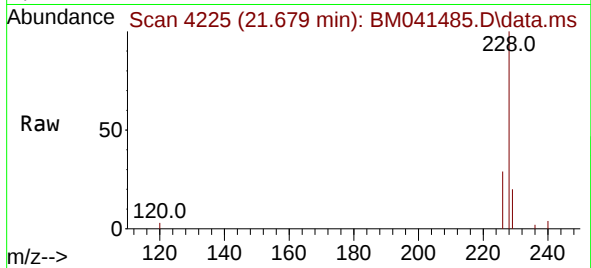




#21
Benzo(a)anthracene
Concen: 0.559 ng/u1
RT: 21.679 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

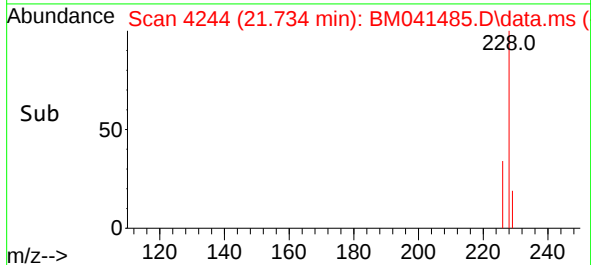
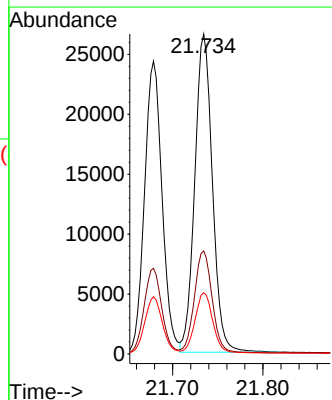
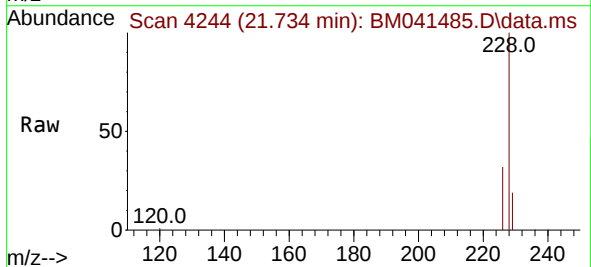
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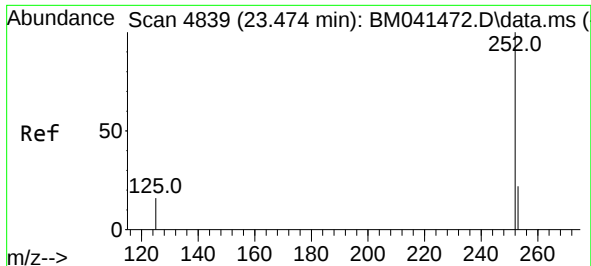
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Ion Ratio Lower Upper
228 100
229 19.5 15.3 22.9
226 29.3 22.7 34.1



#22
Chrysene
Concen: 0.566 ng/u1
RT: 21.734 min Scan# 4244
Delta R.T. -0.009 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

Tgt Ion:228 Resp: 36033
Ion Ratio Lower Upper
228 100
226 32.2 25.6 38.4
229 19.2 15.7 23.5

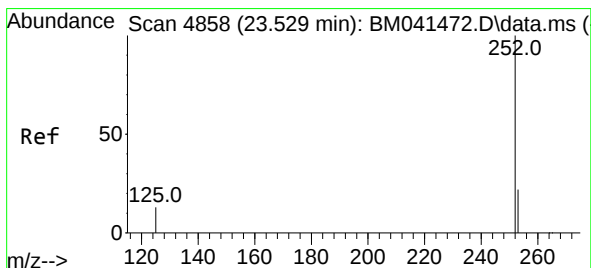
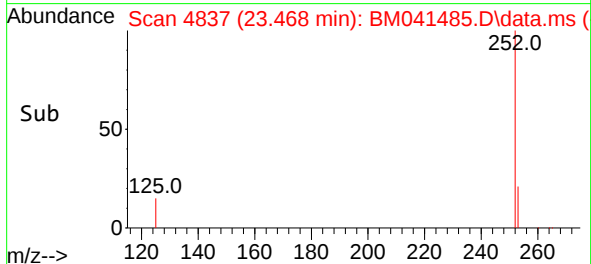
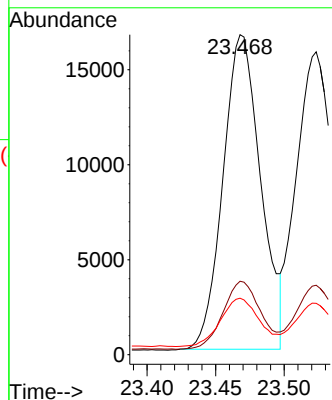
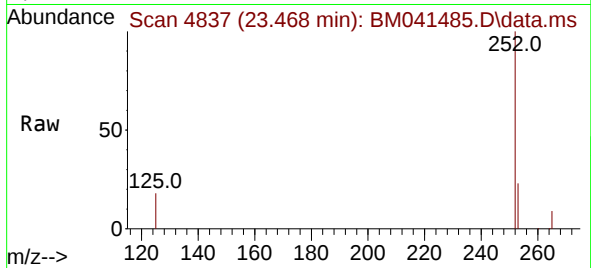




#24
Benzo(b)fluoranthene
Concen: 0.605 ng/ul
RT: 23.468 min Scan# 4837
Delta R.T. -0.015 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

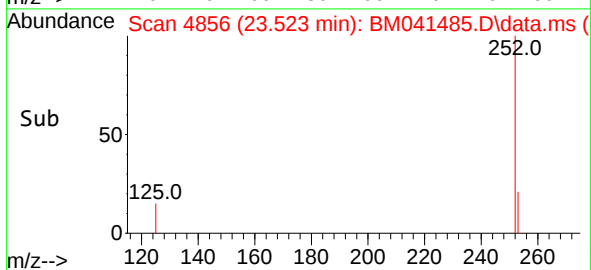
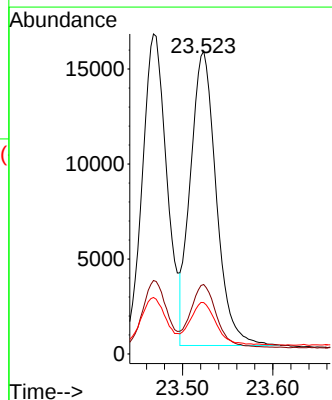
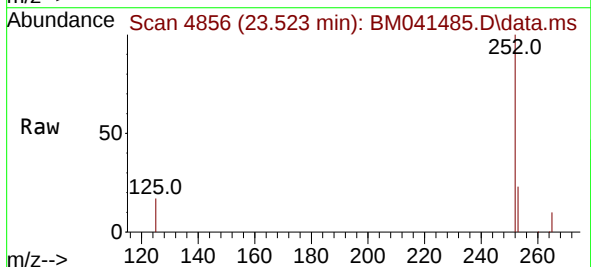
Instrument :
BNA_M
ClientSampleId :
SLCS032

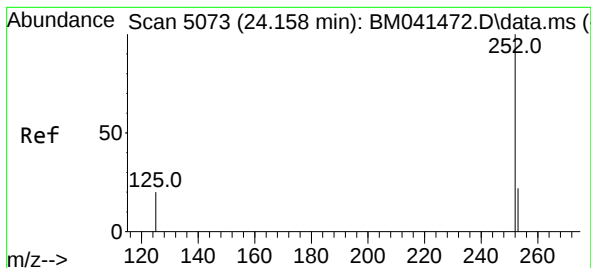
Tgt Ion:252 Resp: 31717
Ion Ratio Lower Upper
252 100
253 22.9 0.0 46.8
125 17.7 0.0 32.8



#25
Benzo(k)fluoranthene
Concen: 0.586 ng/ul
RT: 23.523 min Scan# 4856
Delta R.T. -0.012 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

Tgt Ion:252 Resp: 30771
Ion Ratio Lower Upper
252 100
253 23.0 19.1 28.7
125 17.0 13.4 20.0





#26

Benzo(a)pyrene

Concen: 0.626 ng/ul

RT: 24.149 min Scan# 5073

Delta R.T. -0.015 min

Lab File: BM041485.D

Acq: 25 Aug 2023 03:46

Instrument :

BNA_M

ClientSampleId :

SLCS032

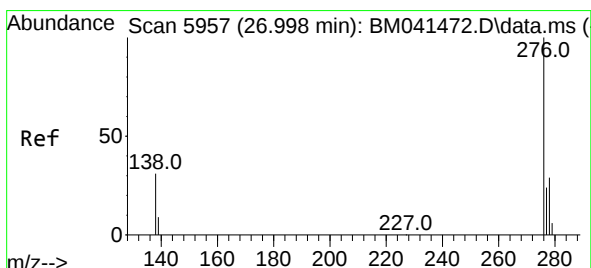
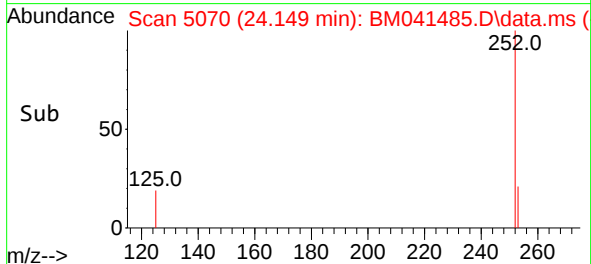
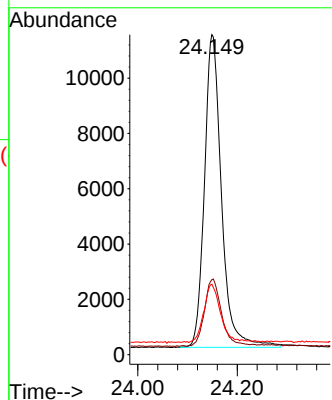
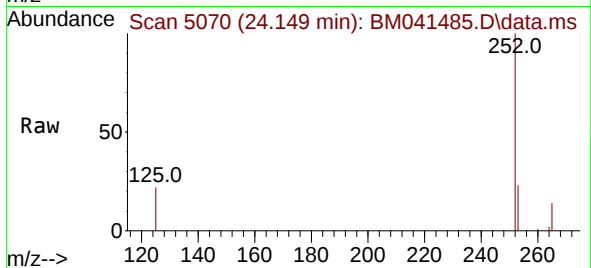
Tgt Ion:252 Resp: 26959

Ion Ratio Lower Upper

252 100

253 23.4 19.5 29.3

125 22.0 16.0 24.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.544 ng/ul

RT: 26.984 min Scan# 5953

Delta R.T. -0.020 min

Lab File: BM041485.D

Acq: 25 Aug 2023 03:46

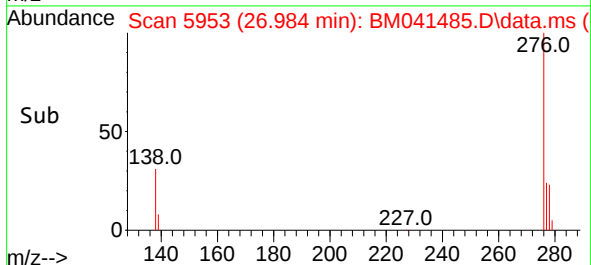
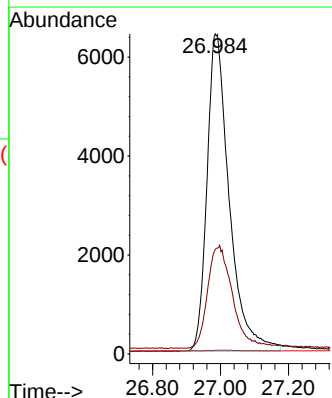
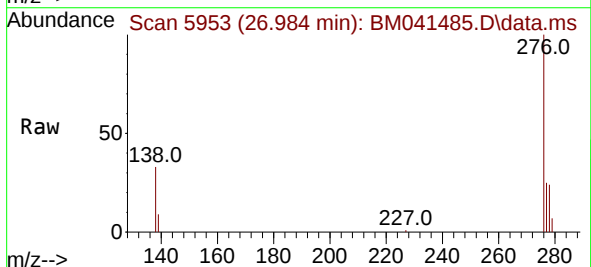
Tgt Ion:276 Resp: 29289

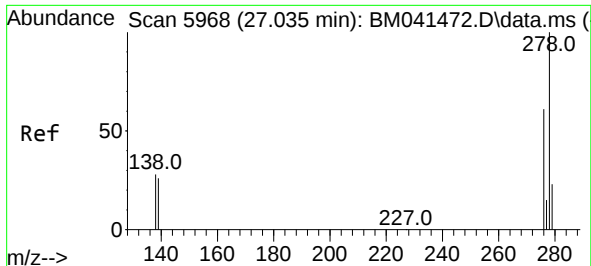
Ion Ratio Lower Upper

276 100

138 36.0 27.8 41.6

227 0.1 0.0 0.0#

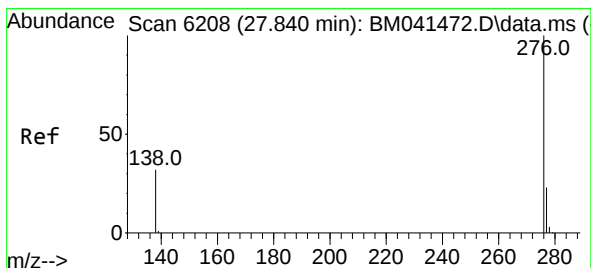
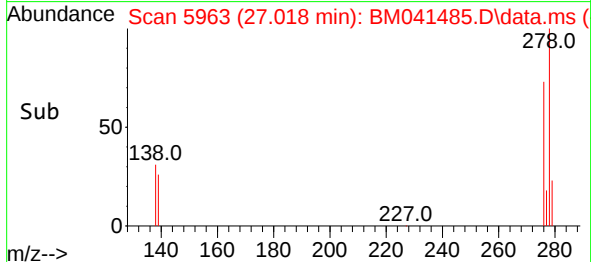
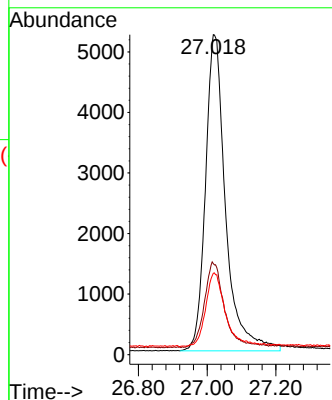
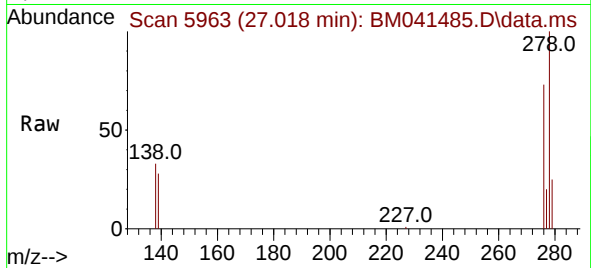




#28
Dibenzo(a,h)anthracene
Concen: 0.515 ng/ul
RT: 27.018 min Scan# 5963
Delta R.T. -0.027 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

Instrument :
BNA_M
ClientSampleId :
SLCS032

Tgt Ion:278 Resp: 21218
Ion Ratio Lower Upper
278 100
139 28.4 21.9 32.9
279 25.4 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.515 ng/ul
RT: 27.829 min Scan# 6205
Delta R.T. -0.024 min
Lab File: BM041485.D
Acq: 25 Aug 2023 03:46

Tgt Ion:276 Resp: 24431
Ion Ratio Lower Upper
276 100
138 31.8 25.9 38.9
277 24.4 19.4 29.2

