

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101024\
 Data File : BM047997.D
 Acq On : 11 Oct 2024 02:38
 Operator : RC/JU
 Sample : PB163727BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS727

Quant Time: Oct 11 03:08:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 10 18:01:13 2024
 Response via : Initial Calibration

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

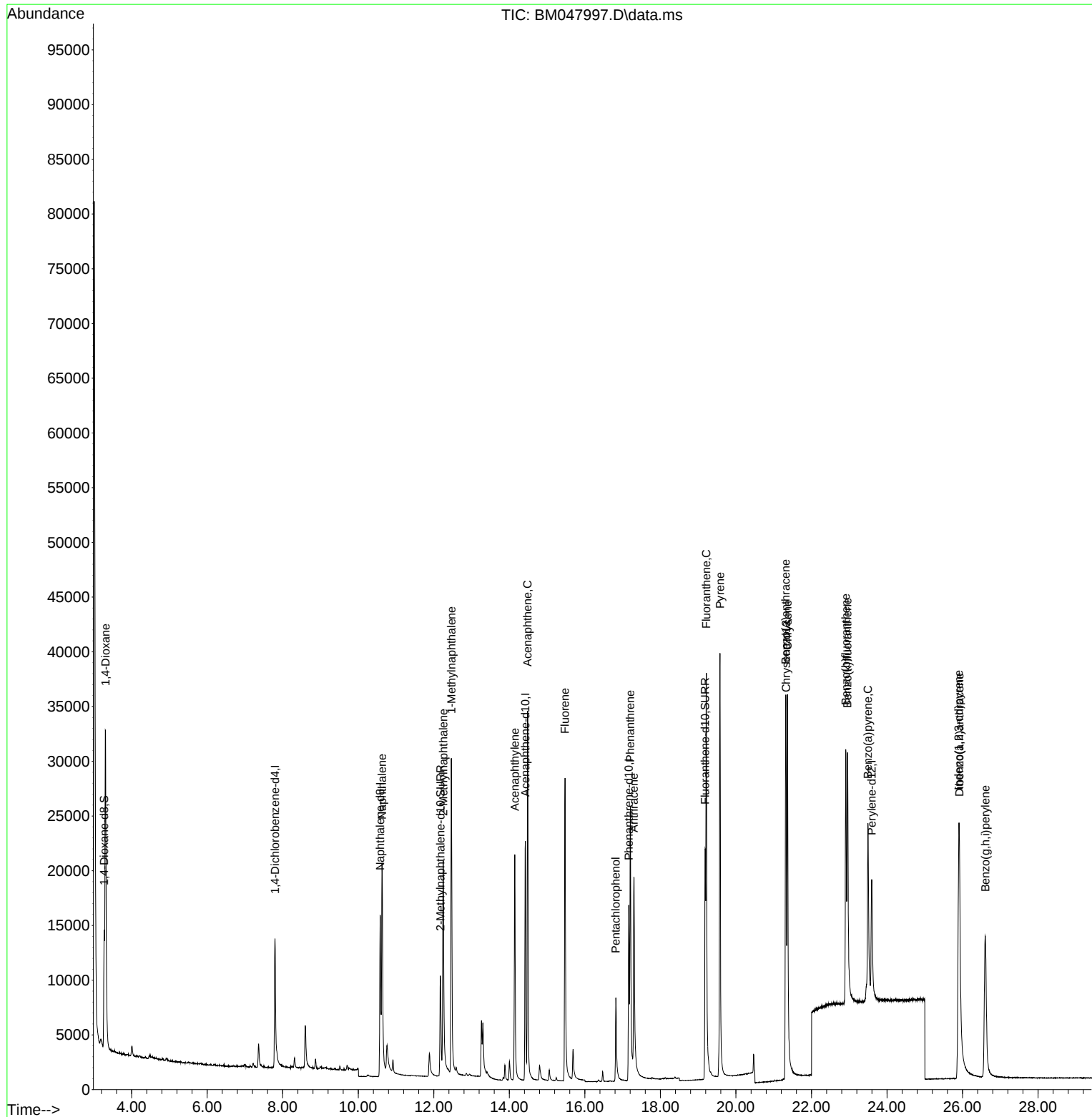
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	8107	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	24802	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	13620	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	24465	0.400	ng/ul	0.00
17) Chrysene-d12	21.327	240	19853	0.400	ng/ul	0.00
23) Perylene-d12	23.595	264	18299	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	9834	0.944	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	16387	0.495	ng/ul	0.00
18) Fluoranthene-d10	19.183	212	29214	0.481	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	27365	2.195	ng/ul#	81
5) Naphthalene	10.629	128	31981	0.473	ng/ul	100
7) 2-Methylnaphthalene	12.251	142	18900	0.466	ng/ul	100
8) 1-Methylnaphthalene	12.465	142	23960	0.563	ng/ul	100
10) Acenaphthylene	14.146	152	27893	0.421	ng/ul	99
11) Acenaphthene	14.484	153	21549	0.474	ng/ul	98
12) Fluorene	15.474	166	21905	0.426	ng/ul	98
14) Pentachlorophenol	16.820	266	6988	0.950	ng/ul	100
15) Phenanthrene	17.205	178	32527	0.448	ng/ul	99
16) Anthracene	17.297	178	25430	0.393	ng/ul	99
19) Fluoranthene	19.216	202	37907	0.454	ng/ul	95
20) Pyrene	19.578	202	40576	0.456	ng/ul	96
21) Benzo(a)anthracene	21.315	228	31372	0.374	ng/ul	99
22) Chrysene	21.365	228	37447	0.429	ng/ul	99
24) Benzo(b)fluoranthene	22.908	252	33290	0.418	ng/ul	97
25) Benzo(k)fluoranthene	22.955	252	38033	0.475	ng/ul	96
26) Benzo(a)pyrene	23.496	252	30407	0.484	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.900	276	41027	0.410	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.916	278	30800	0.408	ng/ul	97
29) Benzo(g,h,i)perylene	26.604	276	34875	0.435	ng/ul	97

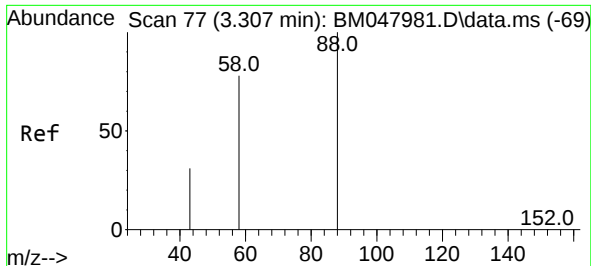
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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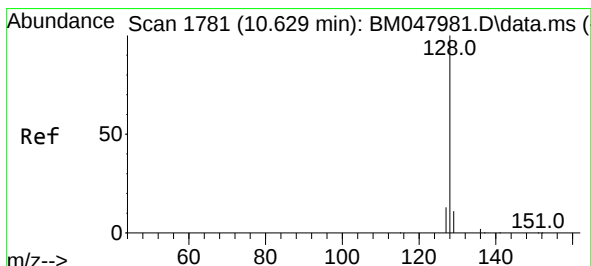
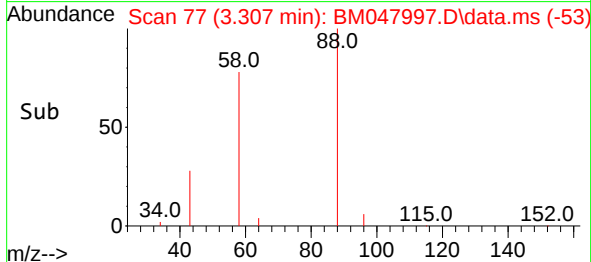
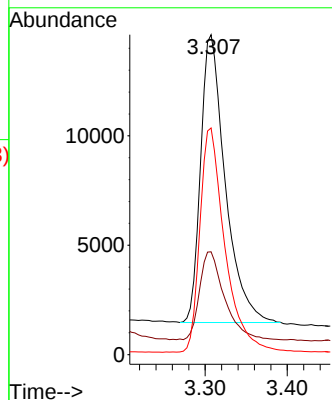
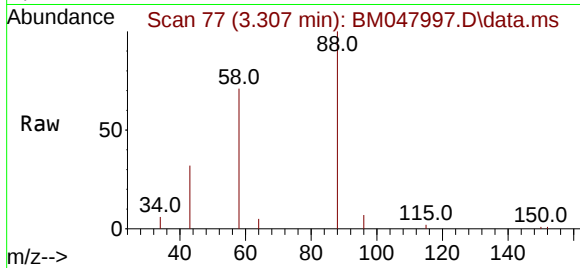




#2
1,4-Dioxane
Concen: 2.195 ng/ul
RT: 3.307 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

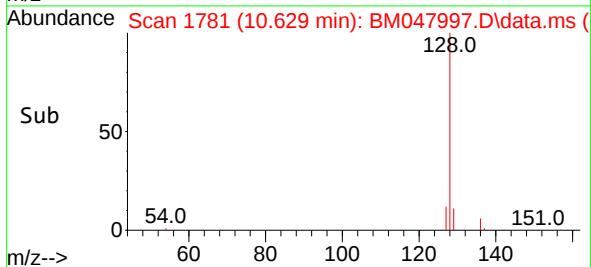
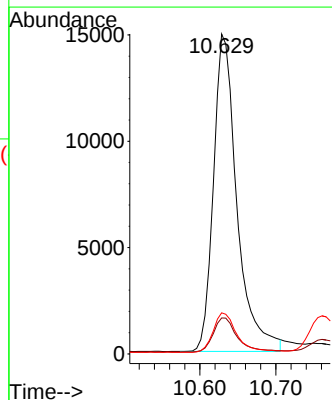
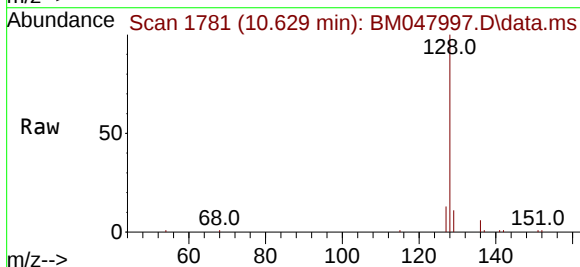
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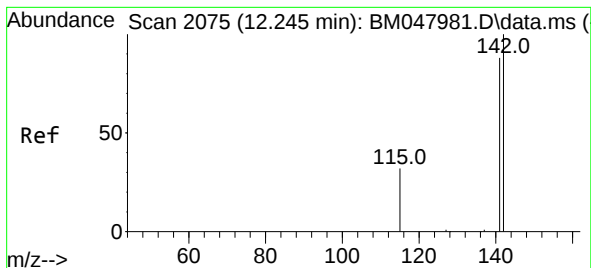
Tgt Ion: 88 Resp: 27365
Ion Ratio Lower Upper
88 100
43 32.1 30.9 46.3
58 70.8 42.5 63.7#



#5
Naphthalene
Concen: 0.473 ng/ul
RT: 10.629 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

Tgt Ion: 128 Resp: 31981
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 12.8 10.4 15.6

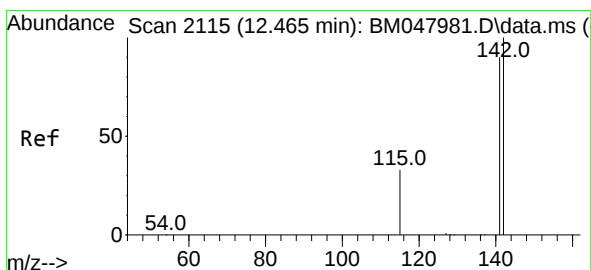
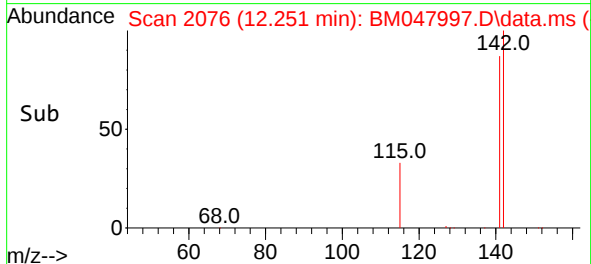
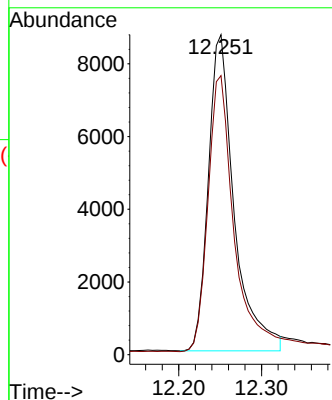
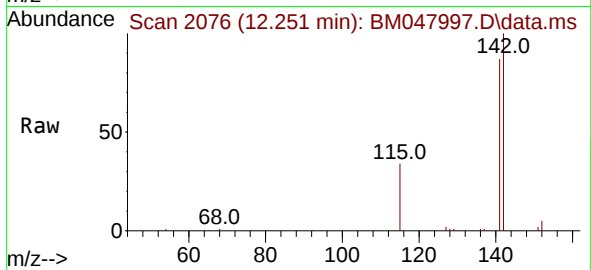




#7
2-Methylnaphthalene
Concen: 0.466 ng/ul
RT: 12.251 min Scan# 2076
Delta R.T. 0.006 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

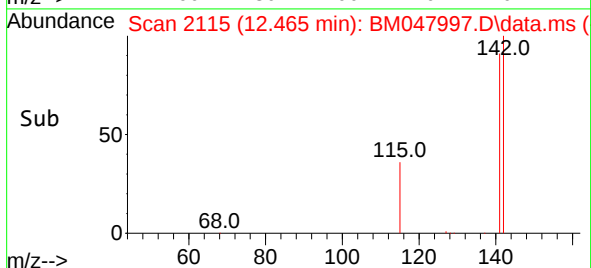
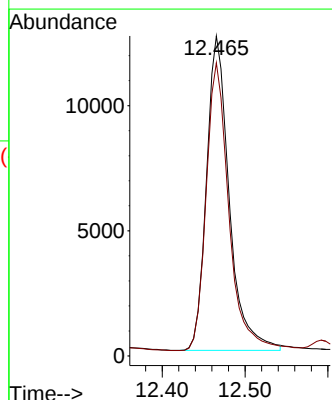
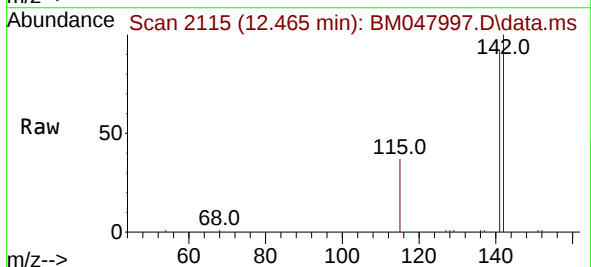
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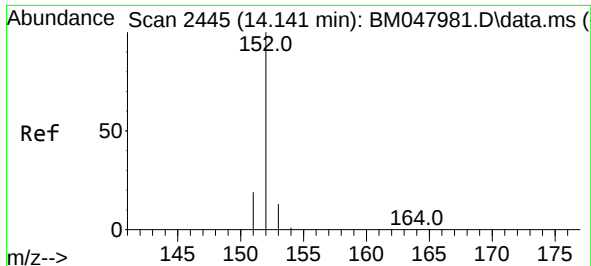
Tgt Ion:142 Resp: 18900
Ion Ratio Lower Upper
142 100
141 88.2 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.563 ng/ul
RT: 12.465 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

Tgt Ion:142 Resp: 23960
Ion Ratio Lower Upper
142 100
141 91.2 72.9 109.3

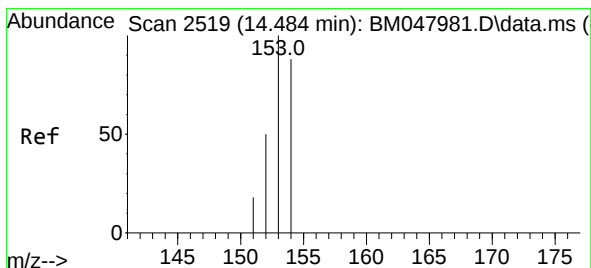
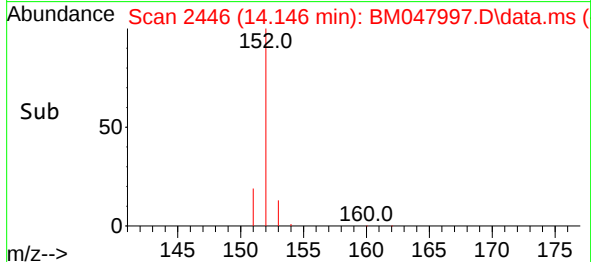
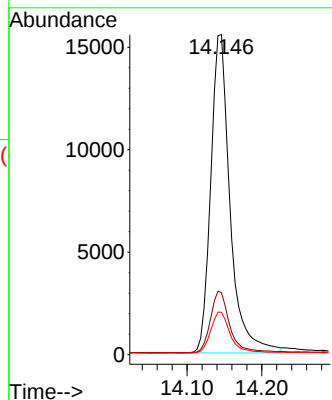
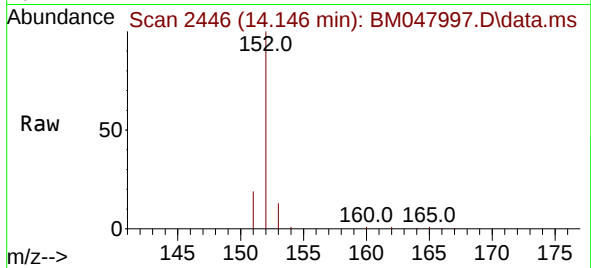




#10
Acenaphthylene
Concen: 0.421 ng/ul
RT: 14.146 min Scan# 2446
Delta R.T. 0.005 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

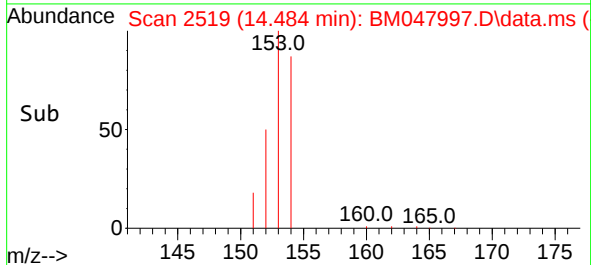
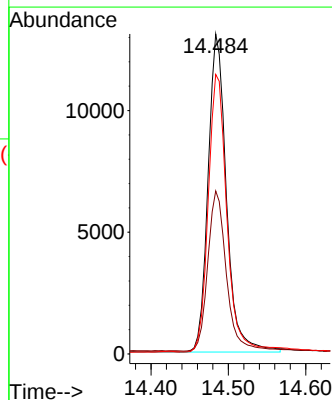
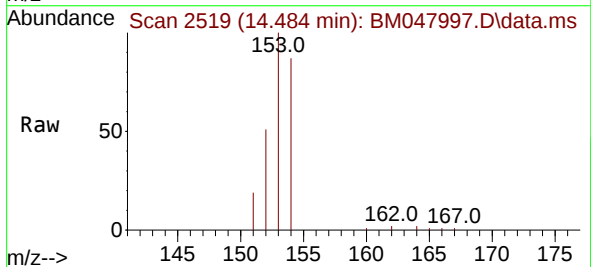
Instrument :
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ClientSampleId :
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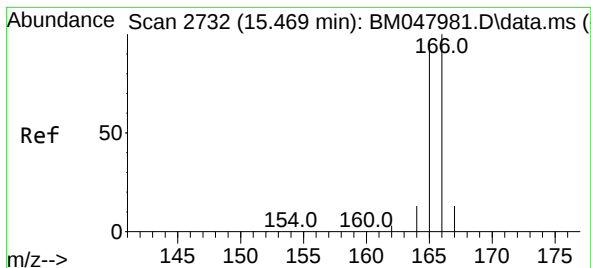
Tgt Ion:152 Resp: 27893
Ion Ratio Lower Upper
152 100
151 19.3 16.1 24.1
153 13.3 10.7 16.1



#11
Acenaphthene
Concen: 0.474 ng/ul
RT: 14.484 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

Tgt Ion:153 Resp: 21549
Ion Ratio Lower Upper
153 100
152 50.9 41.7 62.5
154 87.4 71.2 106.8





#12

Fluorene

Concen: 0.426 ng/ul

RT: 15.474 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM047997.D

Acq: 11 Oct 2024 02:38

Instrument :

BNA_M

ClientSampleId :

SLCS727

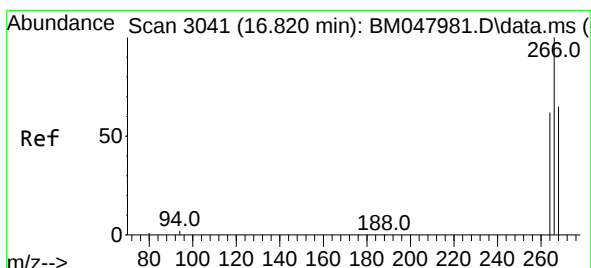
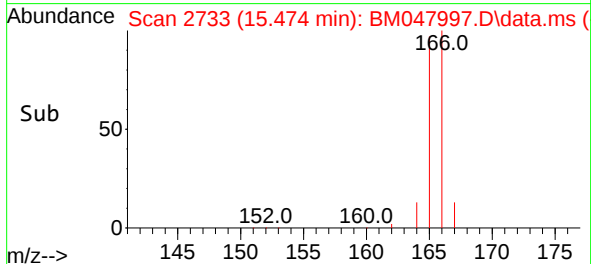
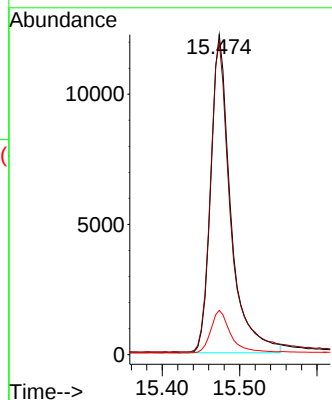
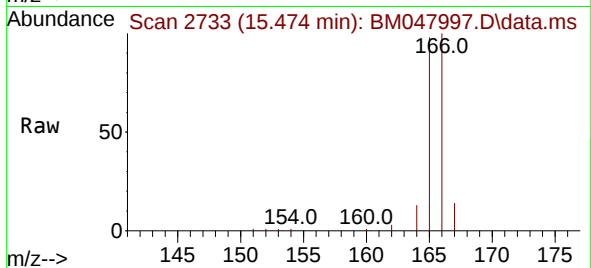
Tgt Ion:166 Resp: 21905

Ion Ratio Lower Upper

166 100

165 97.7 79.4 119.2

167 13.9 11.4 17.0



#14

Pentachlorophenol

Concen: 0.950 ng/ul

RT: 16.820 min Scan# 3041

Delta R.T. 0.000 min

Lab File: BM047997.D

Acq: 11 Oct 2024 02:38

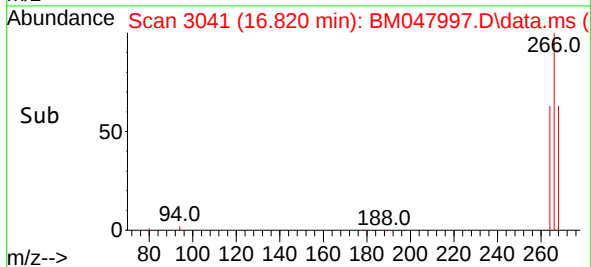
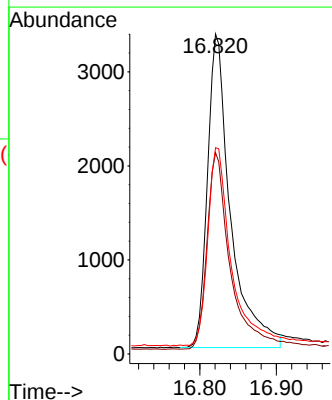
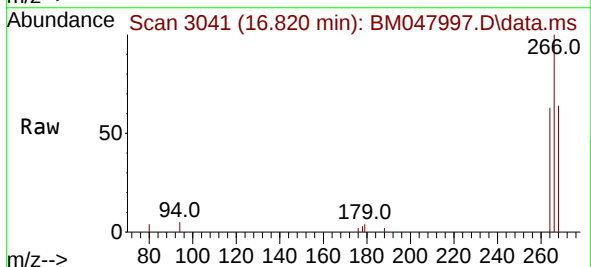
Tgt Ion:266 Resp: 6988

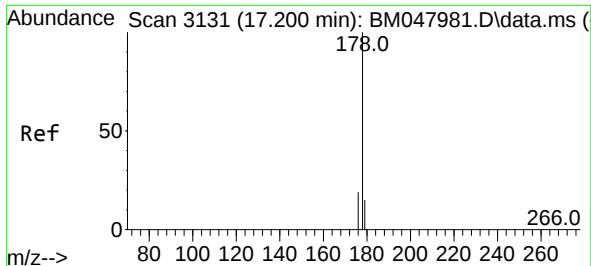
Ion Ratio Lower Upper

266 100

264 62.8 49.8 74.8

268 63.9 51.2 76.8

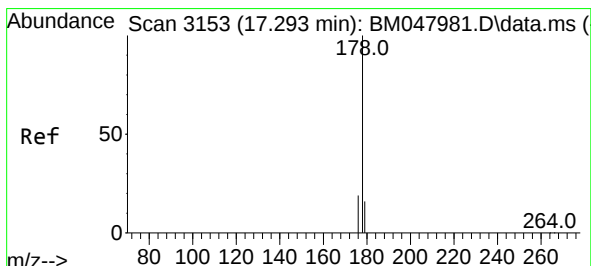
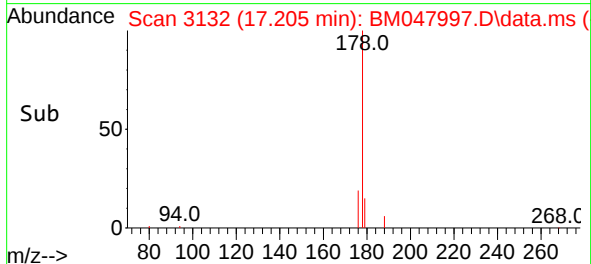
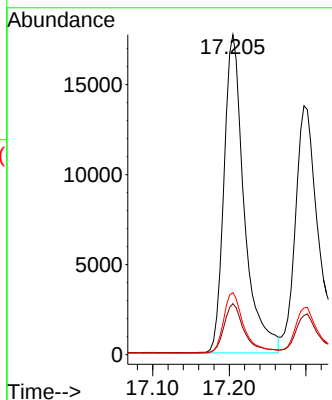
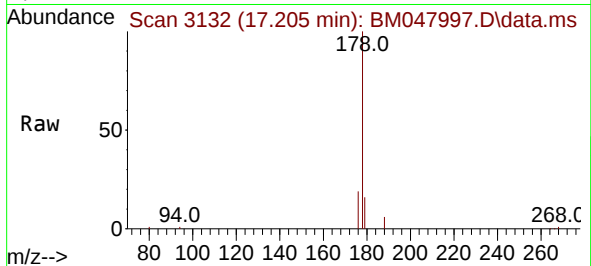




#15
Phenanthrene
Concen: 0.448 ng/u1
RT: 17.205 min Scan# 3131
Delta R.T. 0.004 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

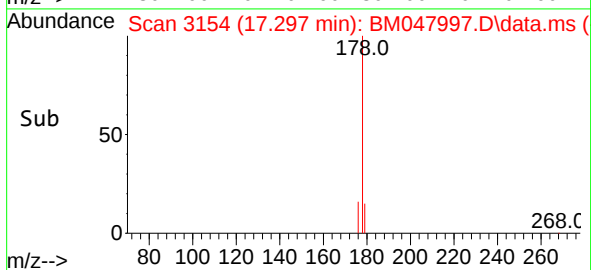
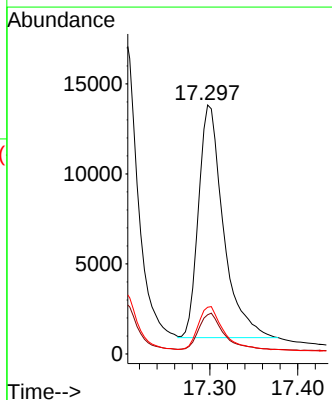
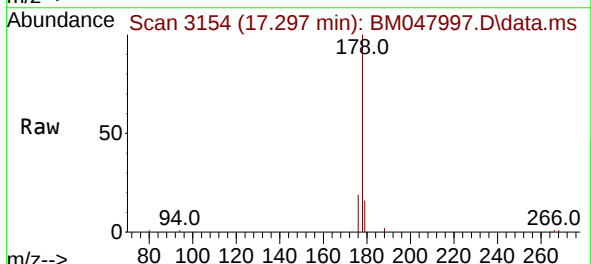
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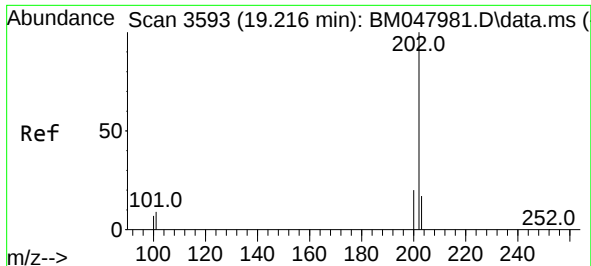
Tgt Ion:178 Resp: 32527
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.4 15.9 23.9



#16
Anthracene
Concen: 0.393 ng/u1
RT: 17.297 min Scan# 3154
Delta R.T. 0.004 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

Tgt Ion:178 Resp: 25430
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 18.7 15.4 23.2

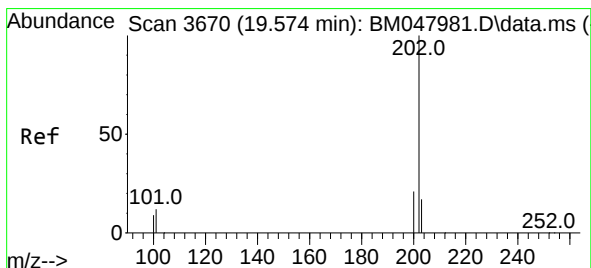
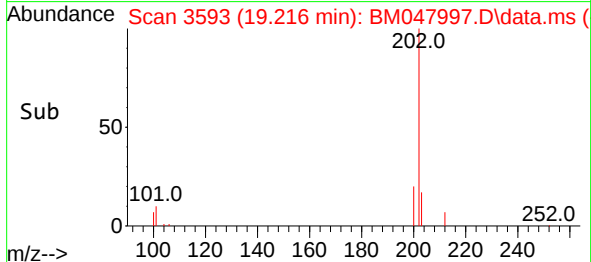
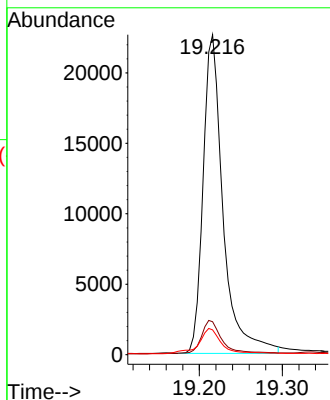
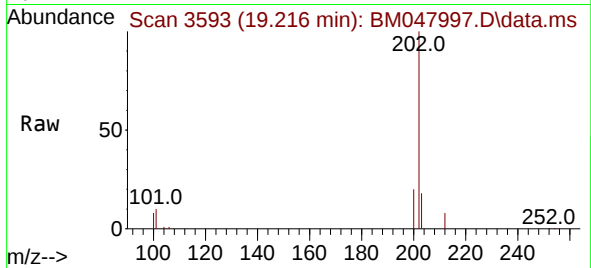




#19
Fluoranthene
Concen: 0.454 ng/ul
RT: 19.216 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

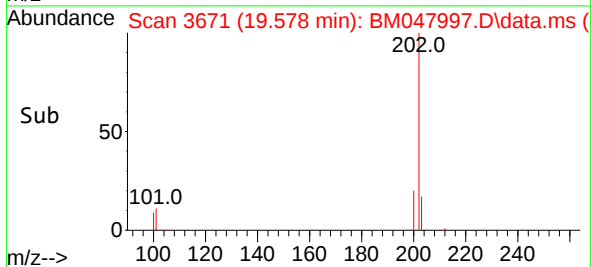
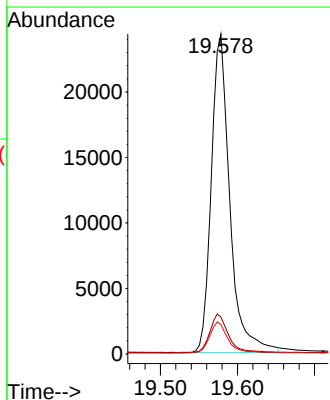
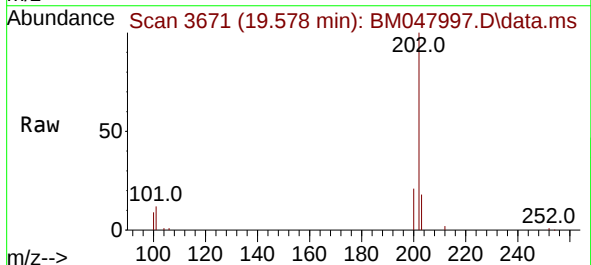
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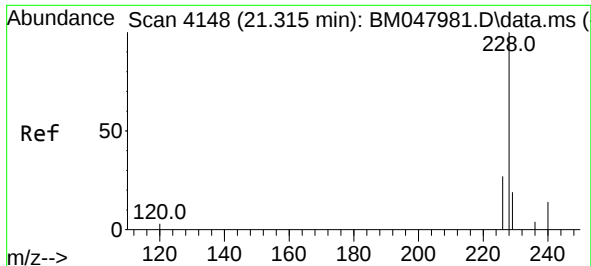
Tgt Ion:202 Resp: 37907
Ion Ratio Lower Upper
202 100
101 10.3 9.8 14.6
100 7.8 7.4 11.2



#20
Pyrene
Concen: 0.456 ng/ul
RT: 19.578 min Scan# 3671
Delta R.T. 0.005 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

Tgt Ion:202 Resp: 40576
Ion Ratio Lower Upper
202 100
101 11.6 10.7 16.1
100 9.1 8.2 12.2

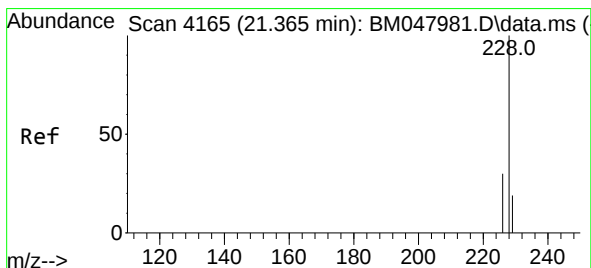
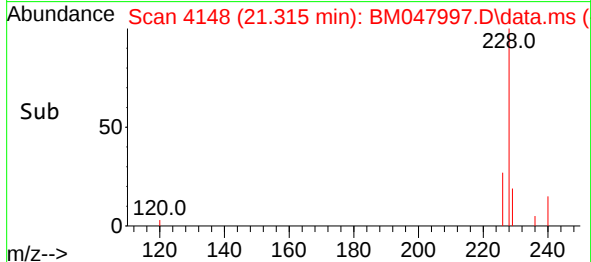
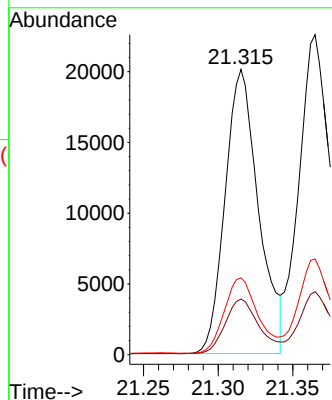
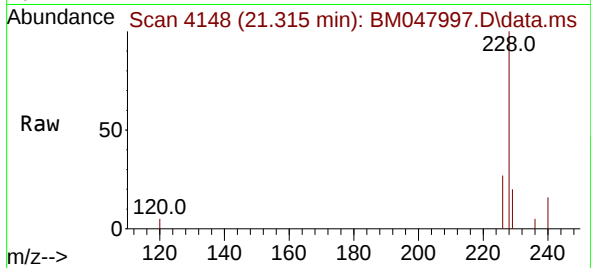




#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.315 min Scan# 4148
Delta R.T. 0.000 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

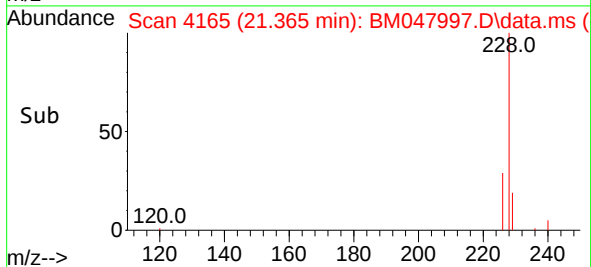
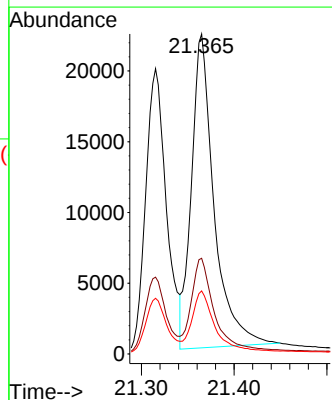
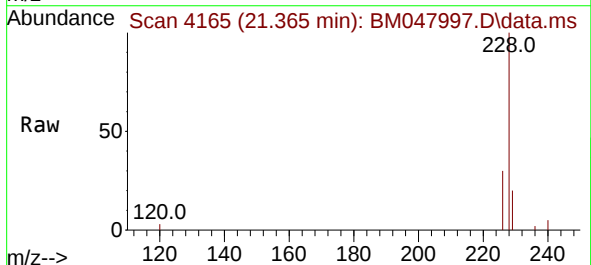
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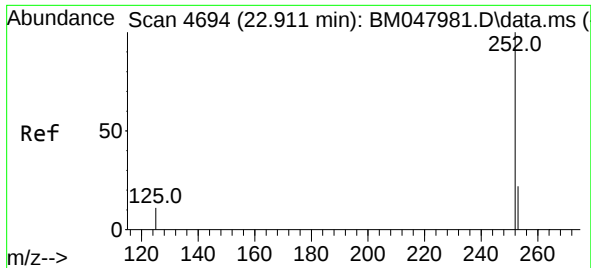
Tgt Ion:228 Resp: 31372
Ion Ratio Lower Upper
228 100
229 19.5 15.9 23.9
226 26.9 22.1 33.1



#22
Chrysene
Concen: 0.429 ng/ul
RT: 21.365 min Scan# 4165
Delta R.T. 0.000 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

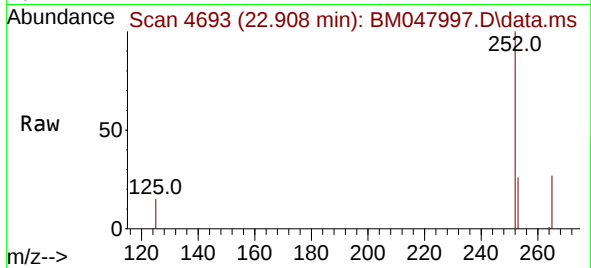
Tgt Ion:228 Resp: 37447
Ion Ratio Lower Upper
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226 29.9 24.4 36.6
229 19.7 15.7 23.5



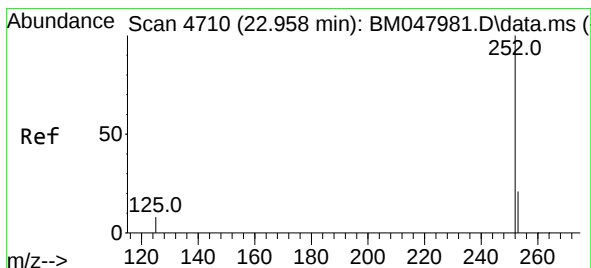
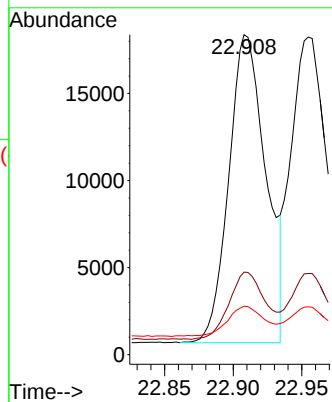


#24
Benzo(b)fluoranthene
Concen: 0.418 ng/ul
RT: 22.908 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

Instrument :
BNA_M
ClientSampleId :
SLCS727

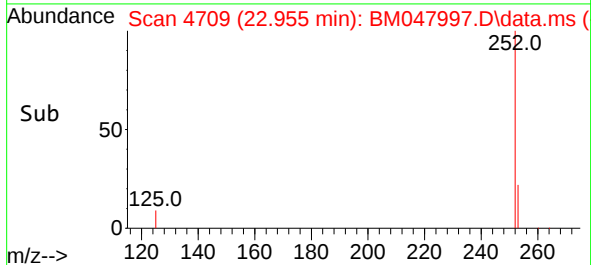
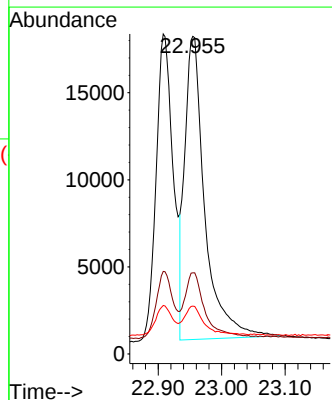
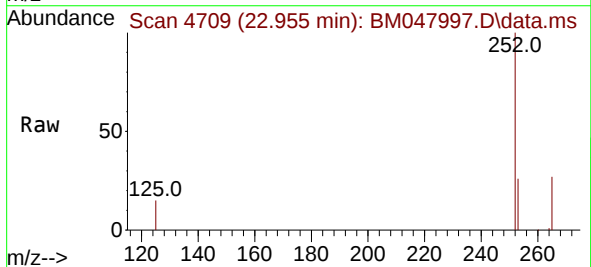


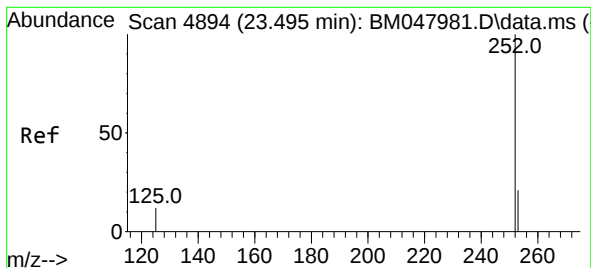
Tgt Ion:252 Resp: 33290
Ion Ratio Lower Upper
252 100
253 25.8 0.0 52.4
125 15.1 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.475 ng/ul
RT: 22.955 min Scan# 4709
Delta R.T. -0.003 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

Tgt Ion:252 Resp: 38033
Ion Ratio Lower Upper
252 100
253 25.5 21.0 31.6
125 15.1 14.6 21.8





#26

Benzo(a)pyrene

Concen: 0.484 ng/ul

RT: 23.496 min Scan# 4894

Delta R.T. 0.000 min

Lab File: BM047997.D

Acq: 11 Oct 2024 02:38

Instrument :

BNA_M

ClientSampleId :

SLCS727

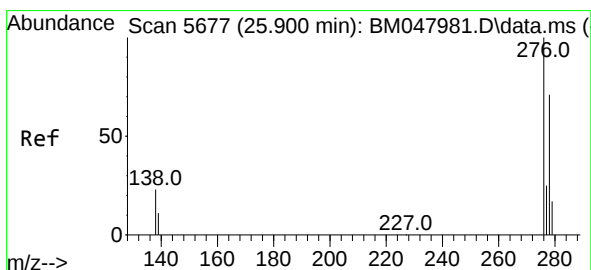
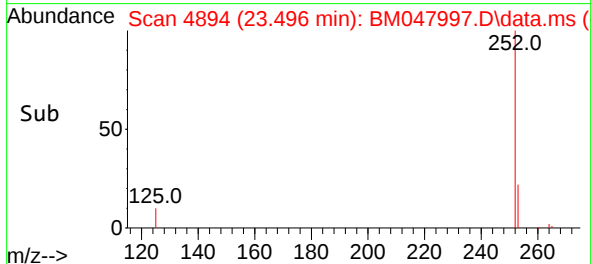
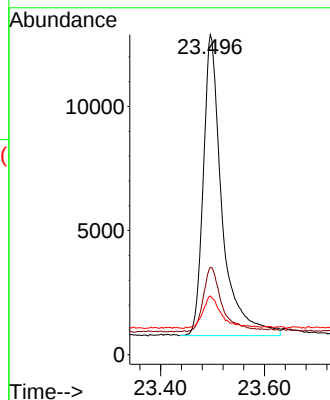
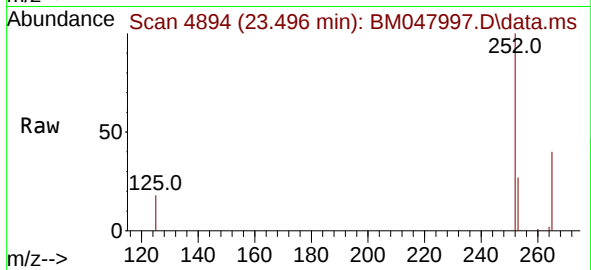
Tgt Ion:252 Resp: 30407

Ion Ratio Lower Upper

252 100

253 27.3 23.0 34.4

125 18.4 18.8 28.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.410 ng/ul

RT: 25.900 min Scan# 5677

Delta R.T. 0.000 min

Lab File: BM047997.D

Acq: 11 Oct 2024 02:38

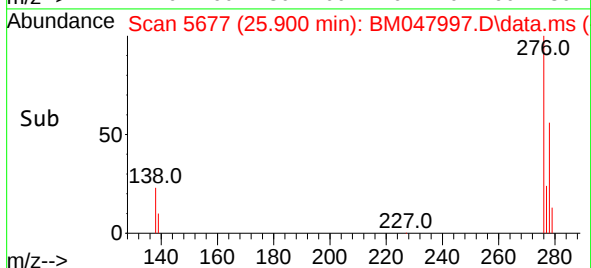
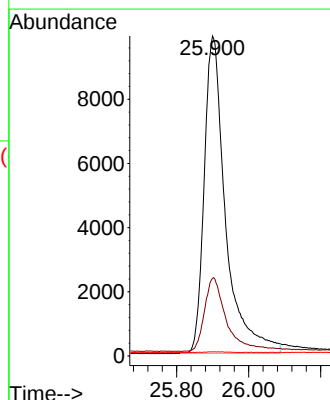
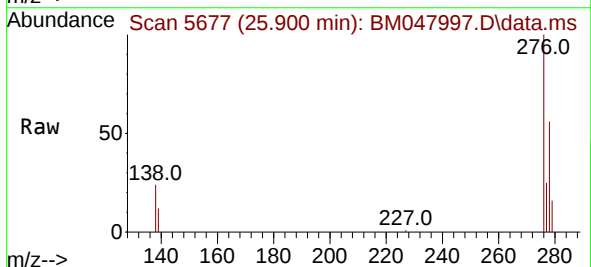
Tgt Ion:276 Resp: 41027

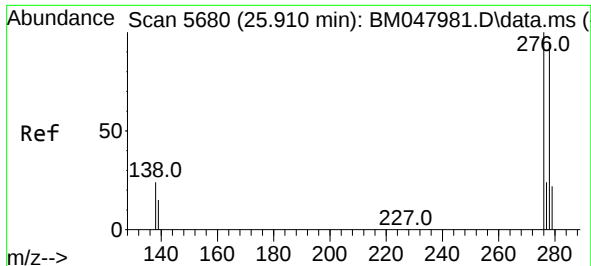
Ion Ratio Lower Upper

276 100

138 23.7 22.0 33.0

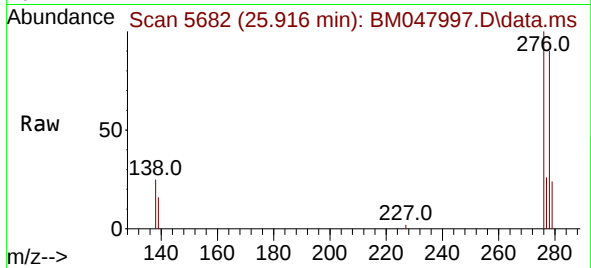
227 0.2 0.2 0.4#



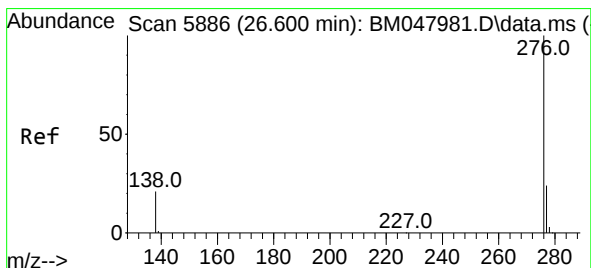
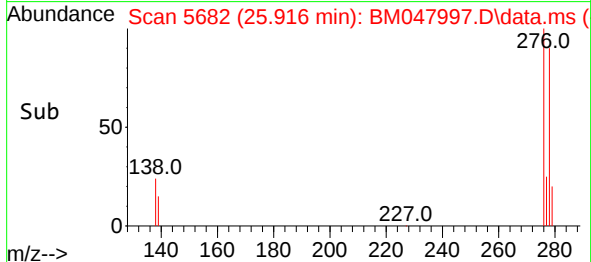
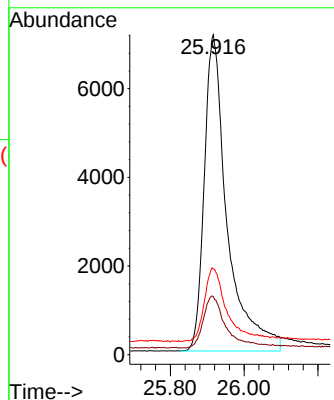


#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 25.916 min Scan# 5682
Delta R.T. 0.007 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

Instrument :
BNA_M
ClientSampleId :
SLCS727



Tgt Ion:278 Resp: 30800
Ion Ratio Lower Upper
278 100
139 18.2 16.8 25.2
279 26.7 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.435 ng/ul
RT: 26.604 min Scan# 5887
Delta R.T. 0.003 min
Lab File: BM047997.D
Acq: 11 Oct 2024 02:38

Tgt Ion:276 Resp: 34875
Ion Ratio Lower Upper
276 100
138 21.8 20.2 30.2
277 24.8 19.8 29.6

