

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035597.D
 Acq On : 22 Jun 2022 07:16
 Operator : CG/JU
 Sample : PB145517BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS517

Quant Time: Jun 22 08:00:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

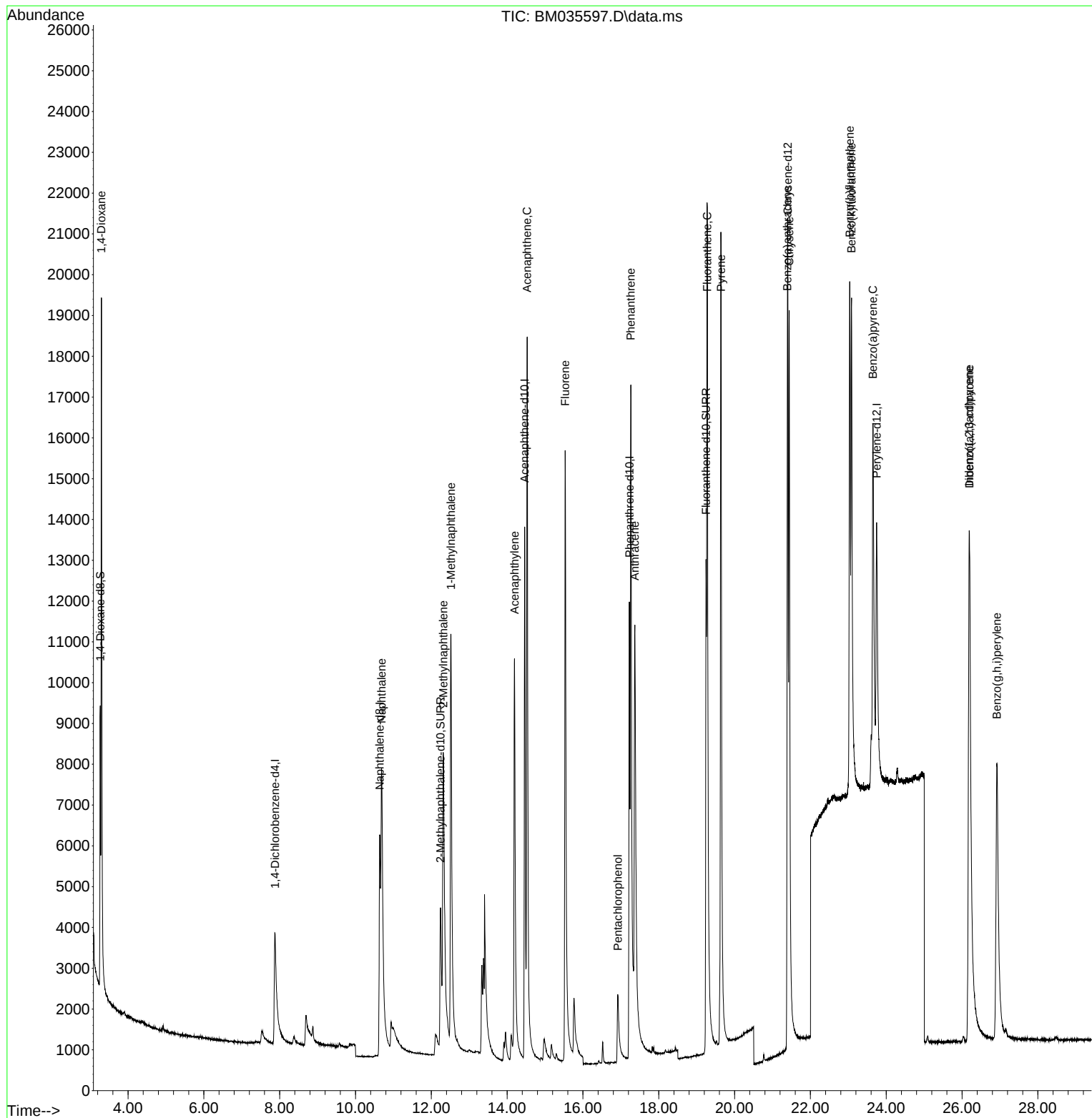
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	3763	0.400	ng/ul	0.02
4) Naphthalene-d8	10.638	136	15512	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.464	164	9347	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.225	188	18758	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	12663	0.400	ng/ul	0.00
23) Perylene-d12	23.748	264	11381	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	4542	0.858	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	9798	0.425	ng/ul	0.00
18) Fluoranthene-d10	19.247	212	18220	0.428	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.297	88	11216	2.128	ng/ul#	55
5) Naphthalene	10.688	128	17406	0.331	ng/ul	99
7) 2-Methylnaphthalene	12.316	142	10892	0.363	ng/ul	97
8) 1-Methylnaphthalene	12.519	142	11429	0.415	ng/ul	100
10) Acenaphthylene	14.196	152	18769	0.357	ng/ul	99
11) Acenaphthene	14.529	153	14150	0.363	ng/ul	98
12) Fluorene	15.533	166	16067	0.364	ng/ul	99
14) Pentachlorophenol	16.921	266	2449	0.681	ng/ul	98
15) Phenanthrene	17.263	178	24400	0.355	ng/ul	98
16) Anthracene	17.368	178	20835	0.346	ng/ul	99
19) Fluoranthene	19.280	202	24823	0.383	ng/ul	99
20) Pyrene	19.642	202	26056	0.384	ng/ul	99
21) Benzo(a)anthracene	21.392	228	16919	0.353	ng/ul	100
22) Chrysene	21.441	228	21791	0.383	ng/ul	100
24) Benzo(b)fluoranthene	23.037	252	19362	0.389	ng/ul	99
25) Benzo(k)fluoranthene	23.084	252	19208	0.372	ng/ul	99
26) Benzo(a)pyrene	23.651	252	19694	0.381	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.189	276	23329	0.392	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.195	278	18857	0.388	ng/ul	98
29) Benzo(g,h,i)perylene	26.920	276	21031	0.395	ng/ul	98

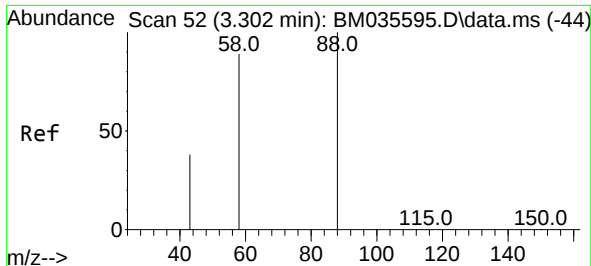
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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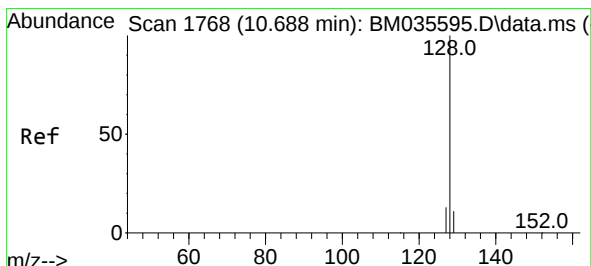
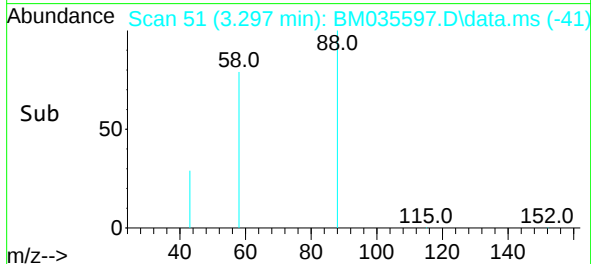
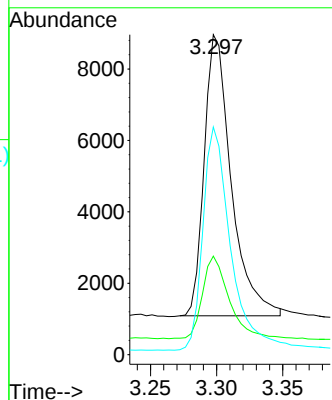
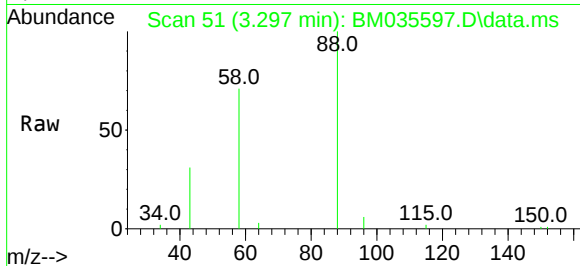




#2
1,4-Dioxane
Concen: 2.128 ng/ul
RT: 3.297 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

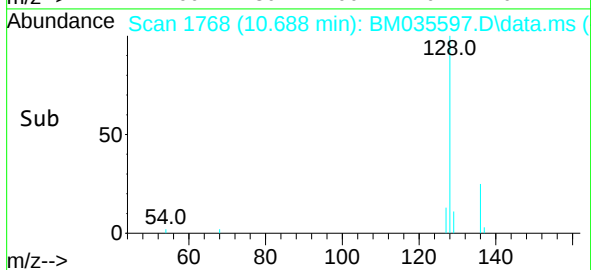
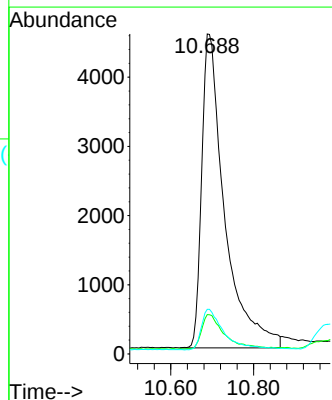
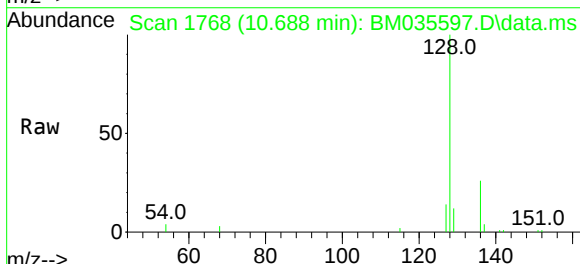
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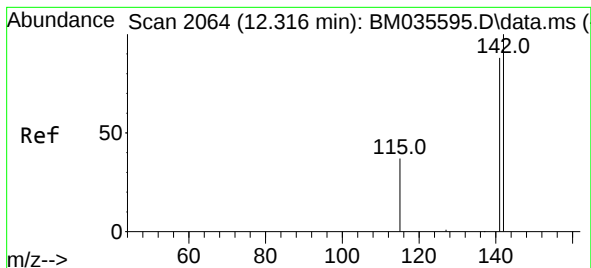
Tgt Ion: 88 Resp: 11216
Ion Ratio Lower Upper
88 100
43 30.8 70.4 105.6#
58 71.2 45.6 68.4#



#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.688 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

Tgt Ion: 128 Resp: 17406
Ion Ratio Lower Upper
128 100
129 12.3 10.1 15.1
127 13.9 11.4 17.2

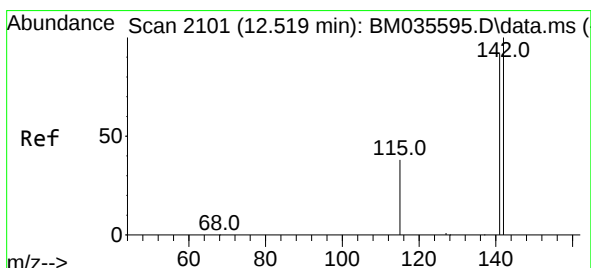
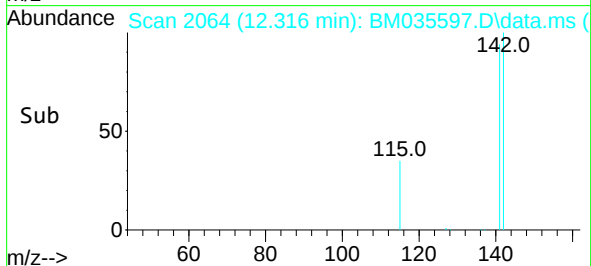
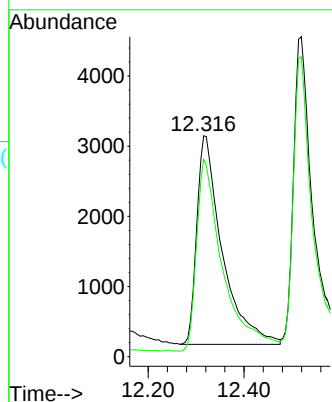
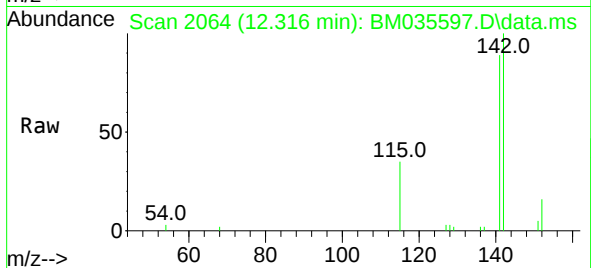




#7
2-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

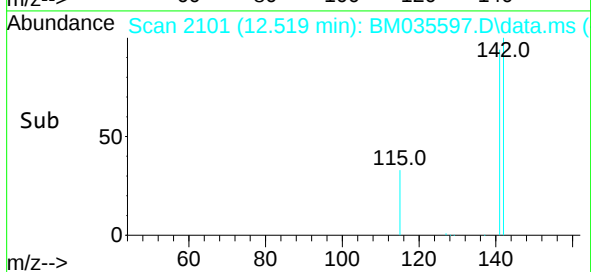
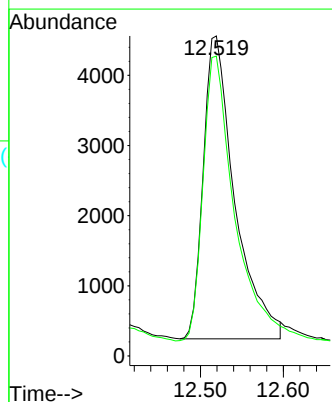
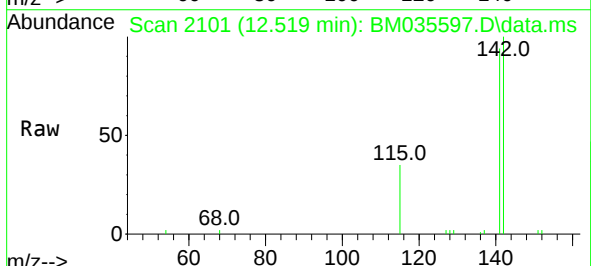
Instrument :
BNA_M
ClientSampleId :
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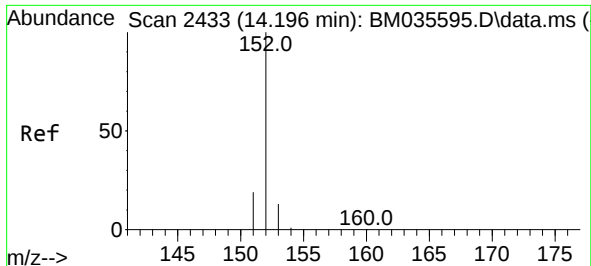
Tgt Ion:142 Resp: 10892
Ion Ratio Lower Upper
142 100
141 95.4 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

Tgt Ion:142 Resp: 11429
Ion Ratio Lower Upper
142 100
141 93.2 74.6 111.8

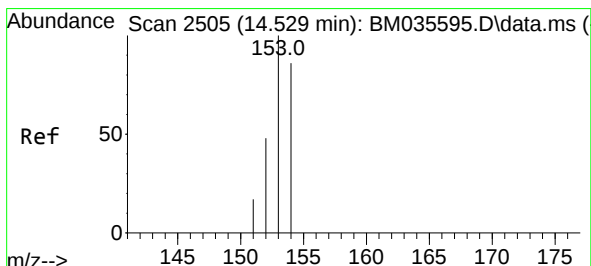
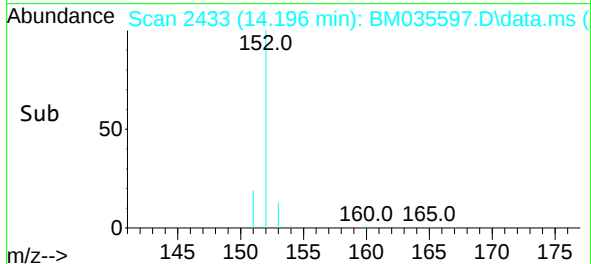
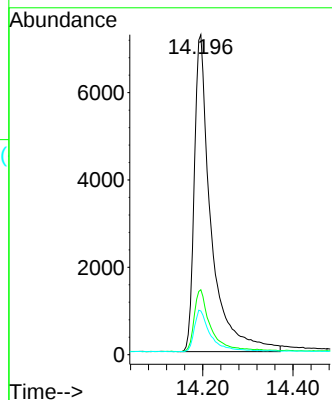
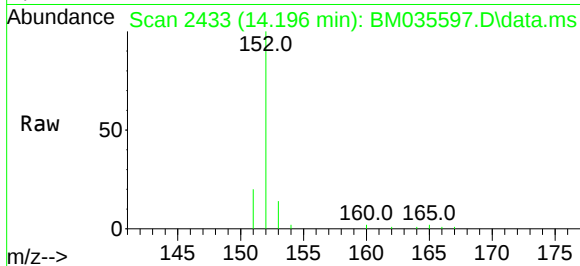




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

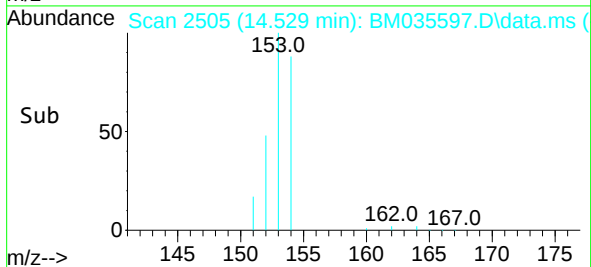
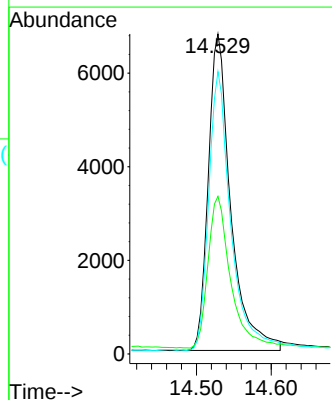
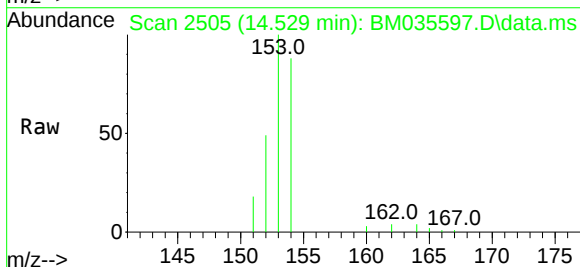
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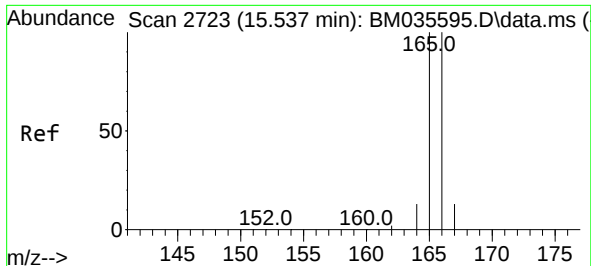
Tgt Ion:	152	Resp:	18769
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.8	25.2
153	13.6	11.1	16.7



#11
Acenaphthene
Concen: 0.363 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.006 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

Tgt Ion:	153	Resp:	14150
Ion Ratio	Lower	Upper	
153	100		
152	49.2	40.0	60.0
154	88.2	69.1	103.7

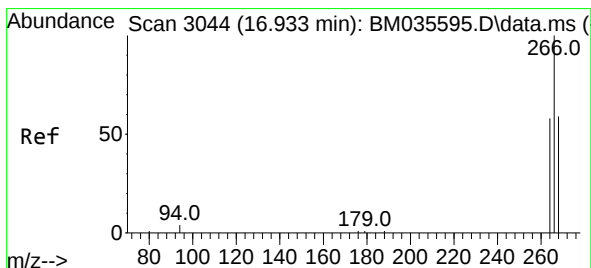
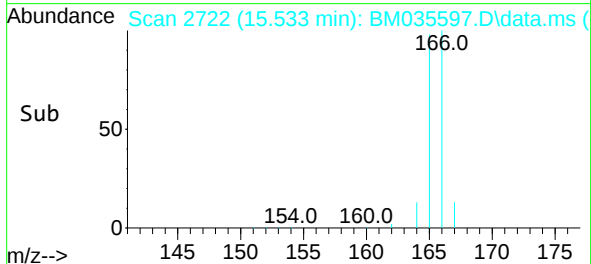
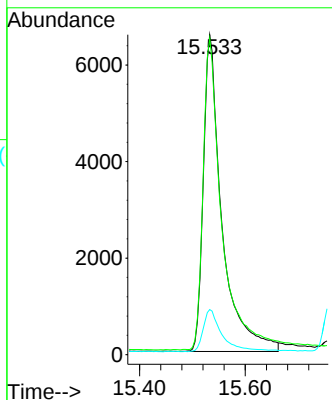
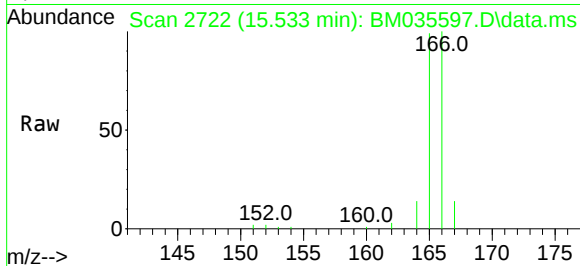




#12
Fluorene
Concen: 0.364 ng/ul
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

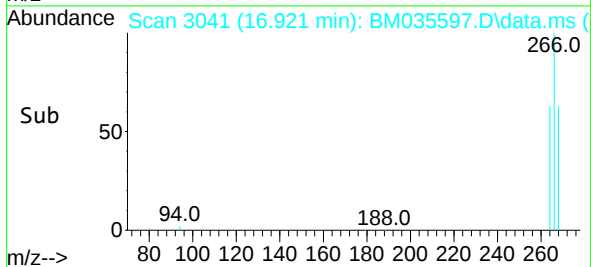
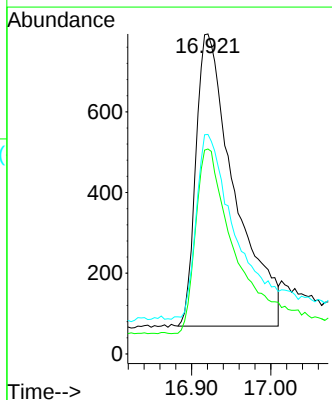
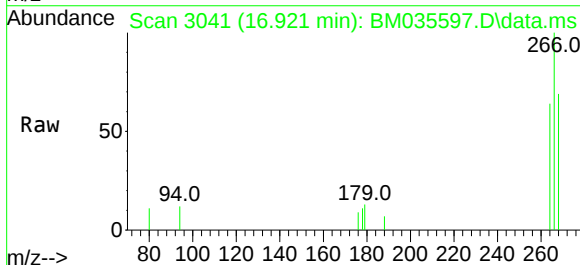
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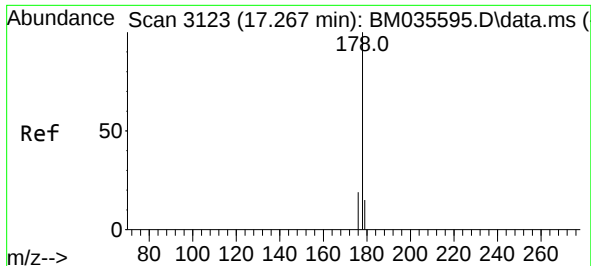
Tgt Ion:166 Resp: 16067
Ion Ratio Lower Upper
166 100
165 98.9 78.7 118.1
167 14.1 11.6 17.4



#14
Pentachlorophenol
Concen: 0.681 ng/ul
RT: 16.921 min Scan# 3041
Delta R.T. -0.009 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

Tgt Ion:266 Resp: 2449
Ion Ratio Lower Upper
266 100
264 63.2 51.0 76.4
268 62.4 51.7 77.5

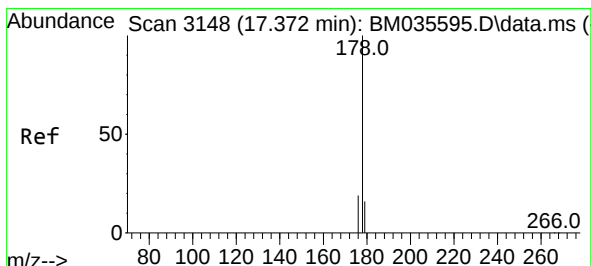
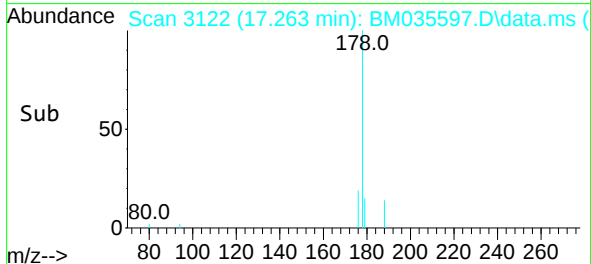
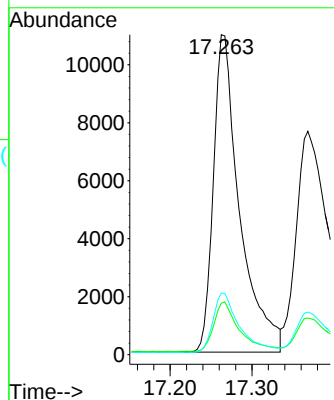
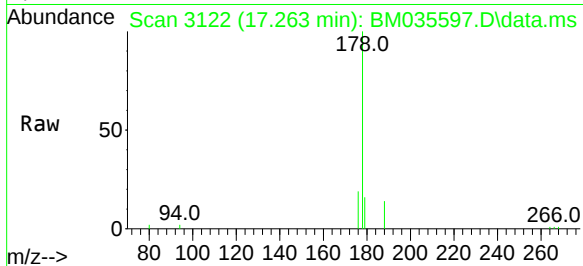




#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 17.263 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

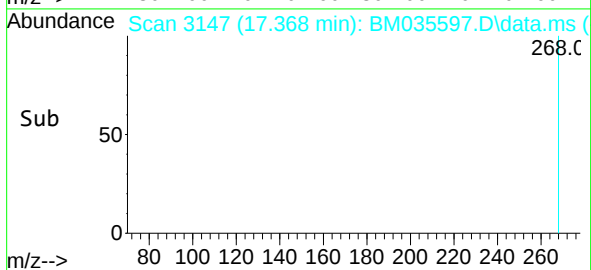
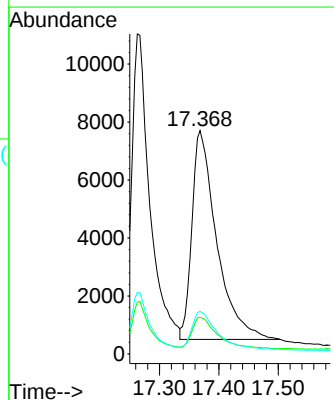
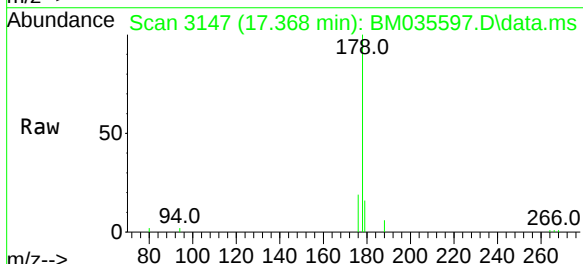
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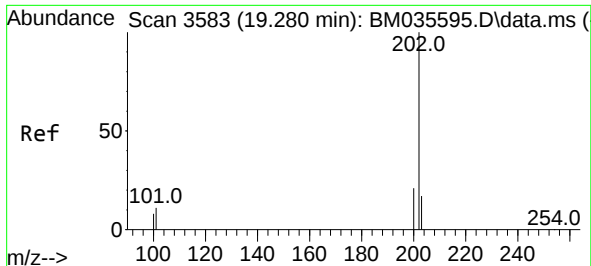
Tgt Ion:178 Resp: 24400
Ion Ratio Lower Upper
178 100
179 16.1 13.2 19.8
176 19.3 16.2 24.4



#16
Anthracene
Concen: 0.346 ng/ul
RT: 17.368 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

Tgt Ion:178 Resp: 20835
Ion Ratio Lower Upper
178 100
179 16.4 13.4 20.0
176 19.1 15.9 23.9

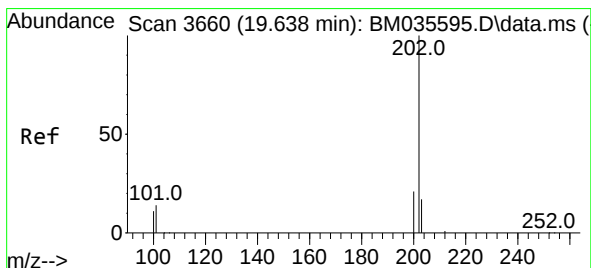
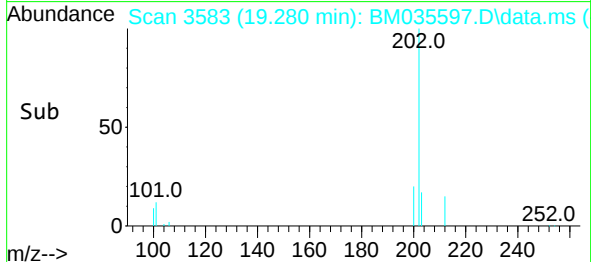
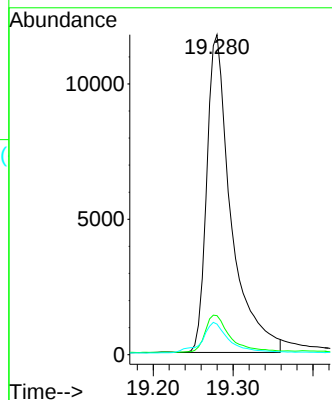
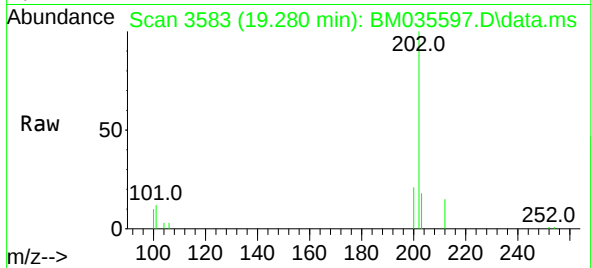




#19
Fluoranthene
Concen: 0.383 ng/u1
RT: 19.280 min Scan# 3583
Delta R.T. -0.006 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

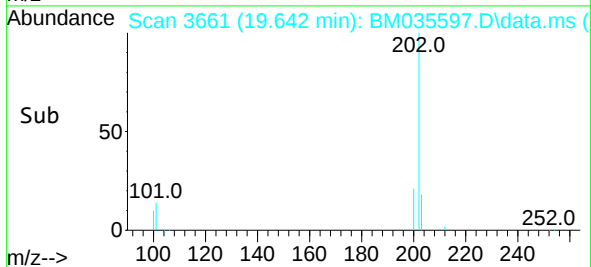
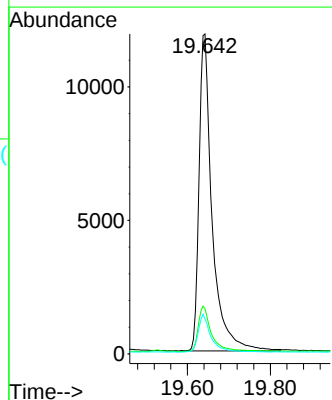
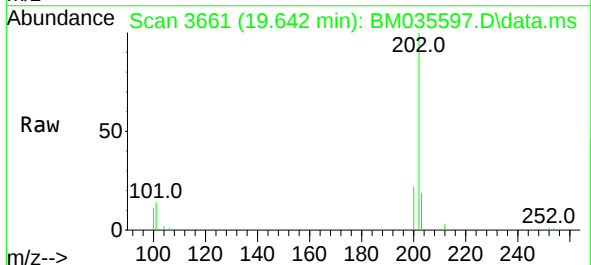
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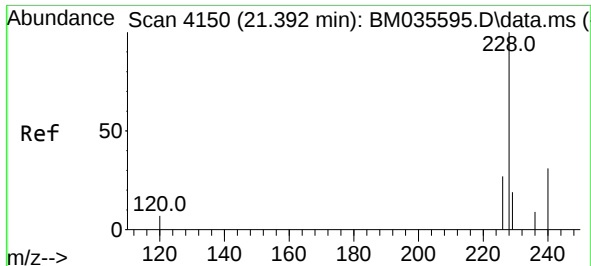
Tgt Ion:202 Resp: 24823
Ion Ratio Lower Upper
202 100
101 12.2 10.0 15.0
100 9.5 7.5 11.3



#20
Pyrene
Concen: 0.384 ng/u1
RT: 19.642 min Scan# 3661
Delta R.T. -0.006 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

Tgt Ion:202 Resp: 26056
Ion Ratio Lower Upper
202 100
101 14.2 11.6 17.4
100 10.9 9.3 13.9

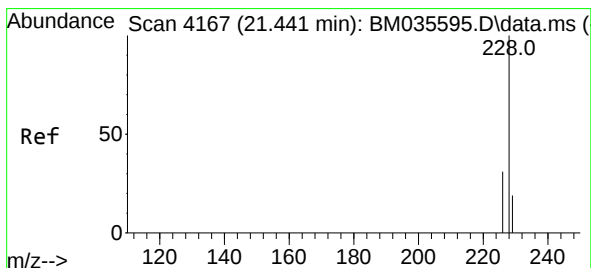
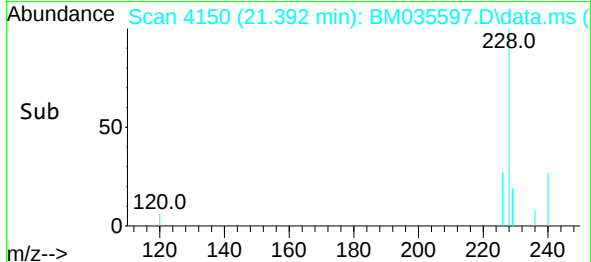
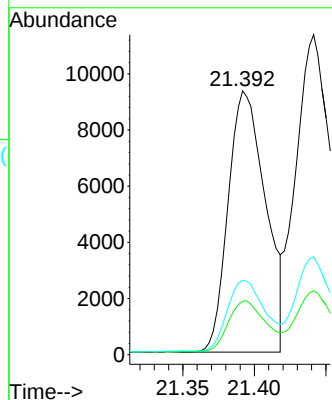
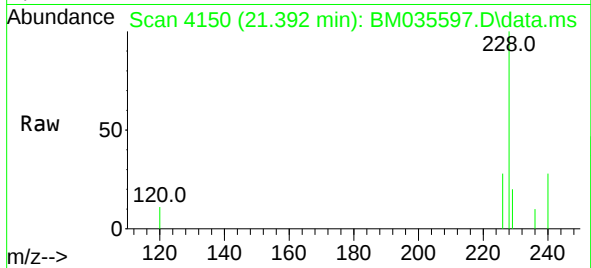




#21
Benzo(a)anthracene
Concen: 0.353 ng/ul
RT: 21.392 min Scan# 4150
Delta R.T. -0.008 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

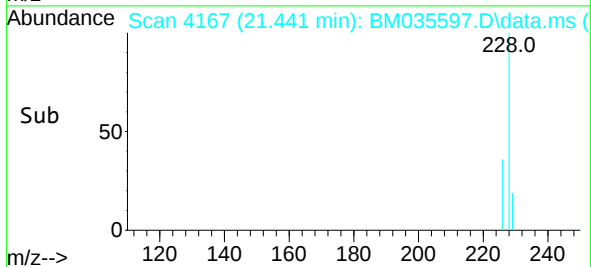
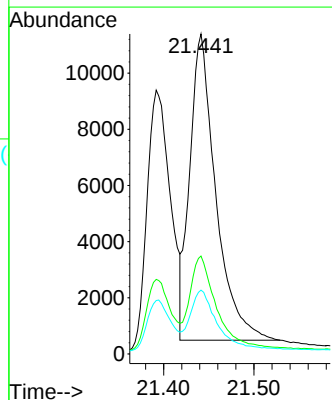
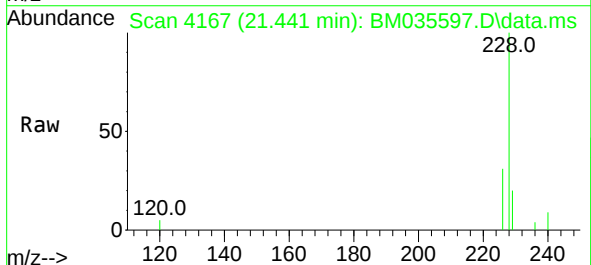
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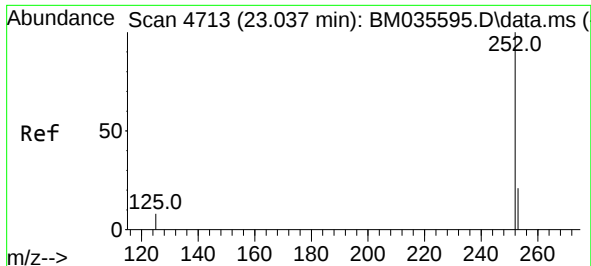
Tgt Ion:228 Resp: 16919
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 28.3 22.3 33.5



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.441 min Scan# 4167
Delta R.T. -0.008 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

Tgt Ion:228 Resp: 21791
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 20.0 15.8 23.8

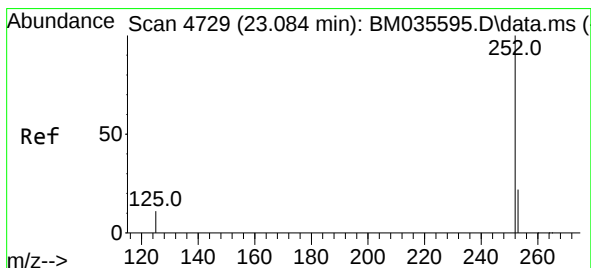
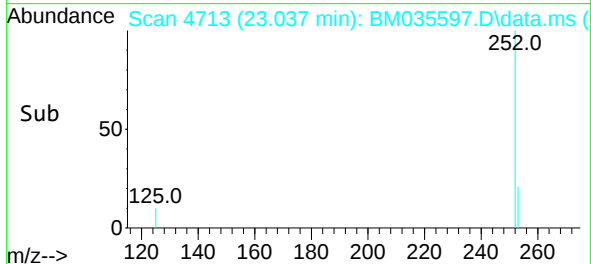
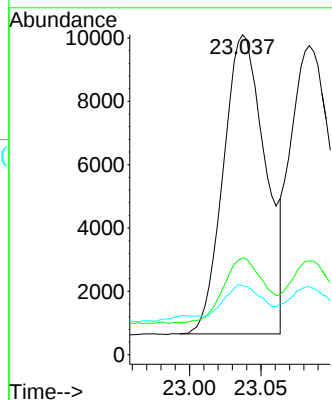
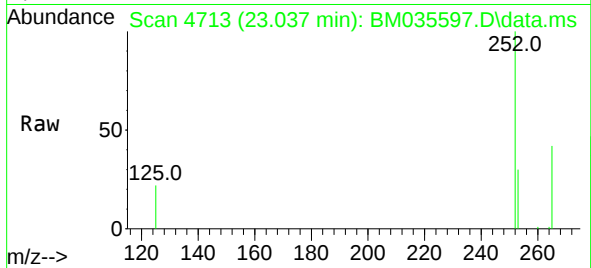




#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 23.037 min Scan# 4713
Delta R.T. -0.014 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

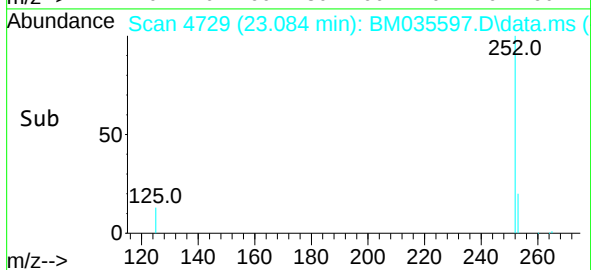
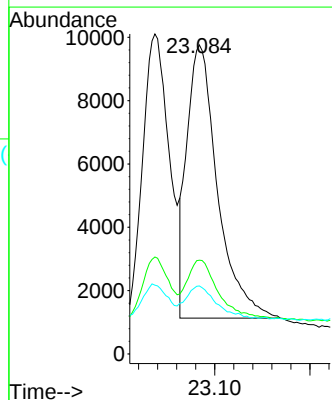
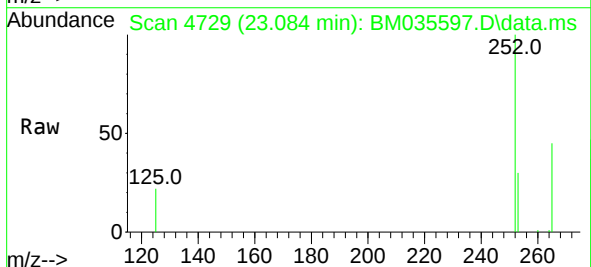
Instrument :
BNA_M
ClientSampleId :
SLCS517

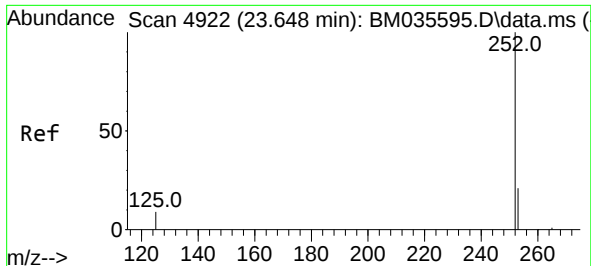
Tgt Ion:252 Resp: 19362
Ion Ratio Lower Upper
252 100
253 30.3 0.0 60.6
125 21.5 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 23.084 min Scan# 4729
Delta R.T. -0.014 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

Tgt Ion:252 Resp: 19208
Ion Ratio Lower Upper
252 100
253 30.3 24.7 37.1
125 22.0 18.2 27.4

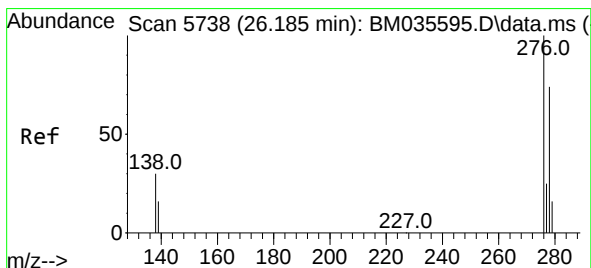
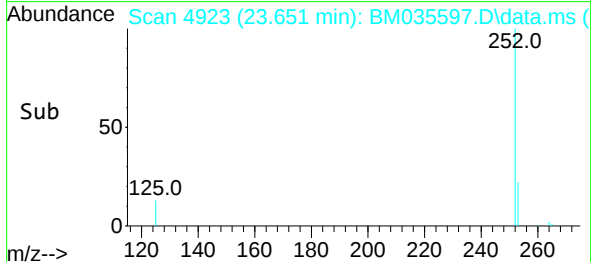
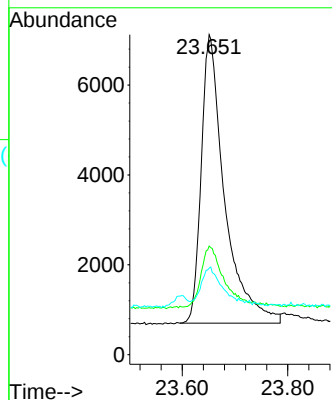
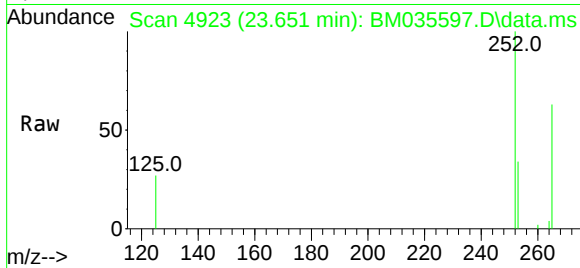




#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.651 min Scan# 4923
Delta R.T. -0.017 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

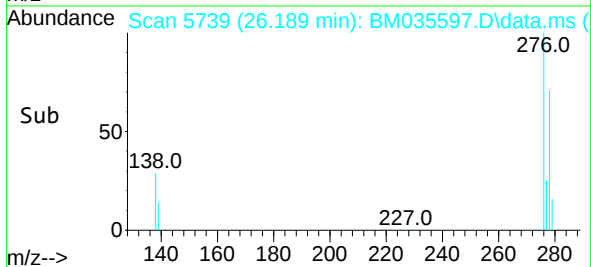
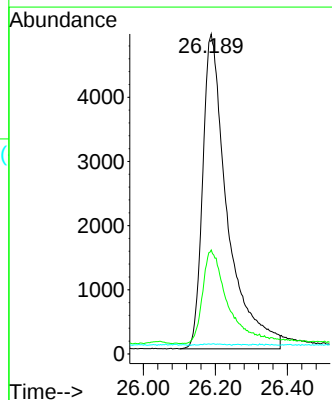
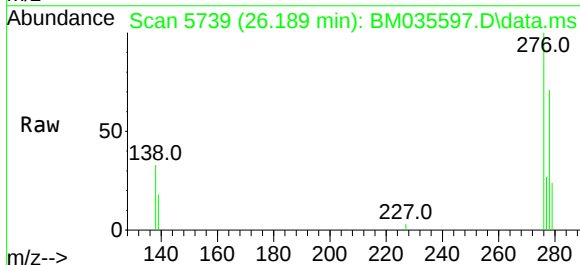
Instrument :
BNA_M
ClientSampleId :
SLCS517

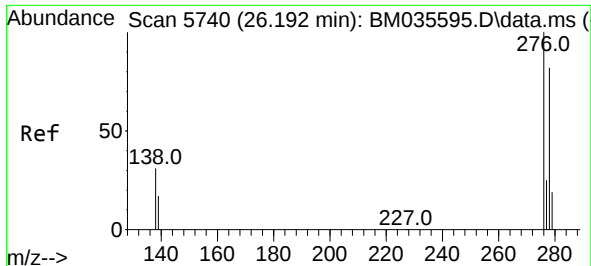
Tgt Ion:252	Resp:	19694
Ion Ratio	Lower	Upper
252	100	
253	33.9	27.8 41.6
125	27.1	23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 26.189 min Scan# 5739
Delta R.T. -0.023 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

Tgt Ion:276	Resp:	23329
Ion Ratio	Lower	Upper
276	100	
138	30.7	24.8 37.2
227	0.0	0.1 0.1

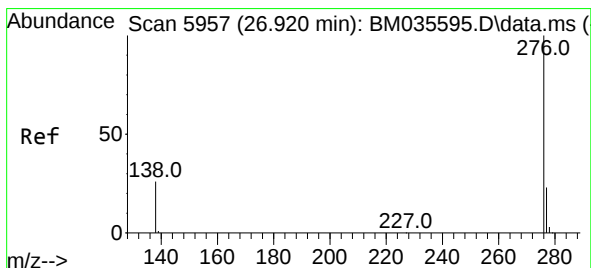
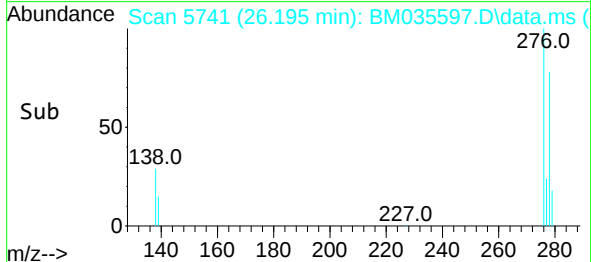
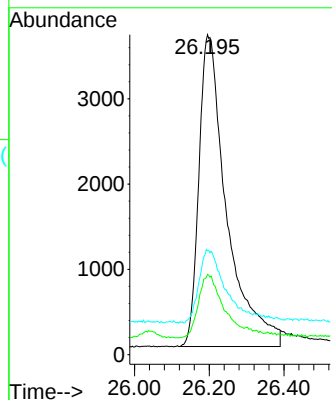
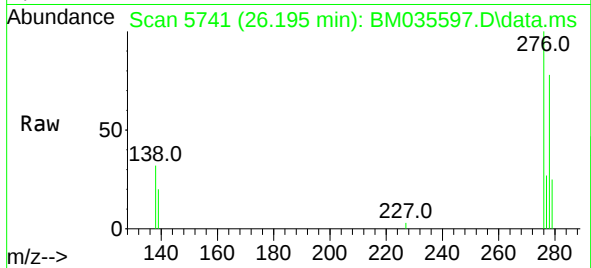




#28
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 26.195 min Scan# 51
Delta R.T. -0.026 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

Instrument :
BNA_M
ClientSampleId :
SLCS517

Tgt Ion:278 Resp: 18857
Ion Ratio Lower Upper
278 100
139 25.1 19.1 28.7
279 32.4 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 26.920 min Scan# 5957
Delta R.T. -0.026 min
Lab File: BM035597.D
Acq: 22 Jun 2022 07:16

Tgt Ion:276 Resp: 21031
Ion Ratio Lower Upper
276 100
138 29.8 23.1 34.7
277 26.7 20.3 30.5

