

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
 Data File : BM033185.D
 Acq On : 19 Nov 2021 20:41
 Operator : CG/JU
 Sample : PB140811BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS811

Quant Time: Nov 20 01:05:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 15:41:12 2021
 Response via : Initial Calibration

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

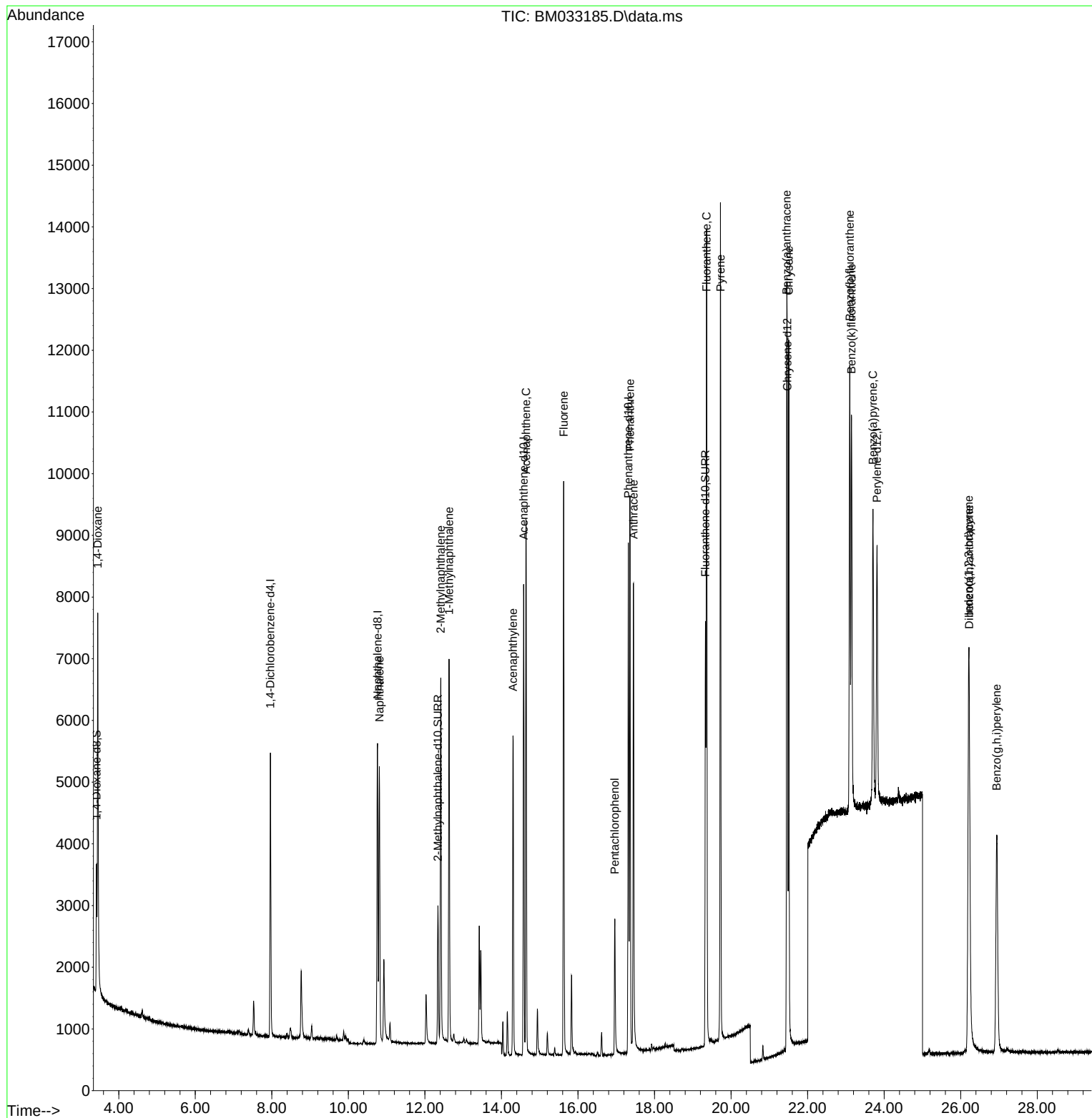
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	2438	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	6866	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.579	164	4316	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	9802	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	7946	0.400	ng/ul	0.00
23) Perylene-d12	23.812	264	6132	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.420	96	1343	0.586	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	3097	0.326	ng/ul	0.00
18) Fluoranthene-d10	19.330	212	7893	0.343	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.451	88	4058	1.574	ng/ul	93
5) Naphthalene	10.810	128	6582	0.309	ng/ul	99
7) 2-Methylnaphthalene	12.415	142	4478	0.325	ng/ul	96
8) 1-Methylnaphthalene	12.631	142	4277	0.314	ng/ul	99
10) Acenaphthylene	14.303	152	6339	0.314	ng/ul#	99
11) Acenaphthene	14.640	153	5245	0.317	ng/ul	98
12) Fluorene	15.626	166	6099	0.327	ng/ul	99
14) Pentachlorophenol	16.962	266	1648	0.504	ng/ul	98
15) Phenanthrene	17.357	178	10015	0.282	ng/ul	99
16) Anthracene	17.451	178	8771	0.305	ng/ul	100
19) Fluoranthene	19.360	202	11657	0.305	ng/ul	98
20) Pyrene	19.722	202	11735	0.309	ng/ul	96
21) Benzo(a)anthracene	21.453	228	9550	0.337	ng/ul	99
22) Chrysene	21.508	228	10528	0.337	ng/ul	98
24) Benzo(b)fluoranthene	23.102	252	9923	0.357	ng/ul	99
25) Benzo(k)fluoranthene	23.148	252	9559	0.349	ng/ul	98
26) Benzo(a)pyrene	23.708	252	7790	0.339	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.208	276	9429	0.325	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.222	278	7487	0.323	ng/ul	96
29) Benzo(g,h,i)perylene	26.942	276	8424	0.323	ng/ul	95

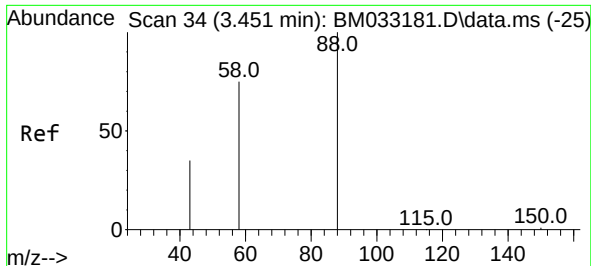
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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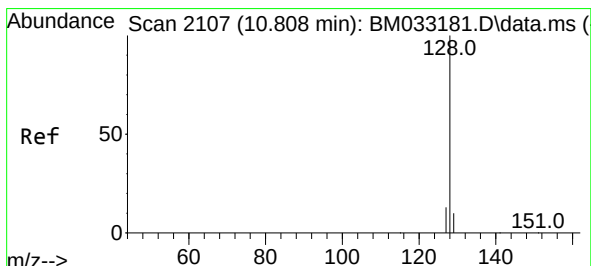
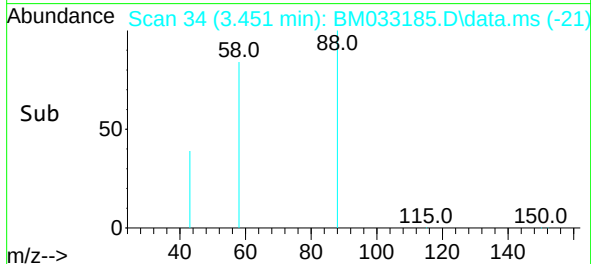
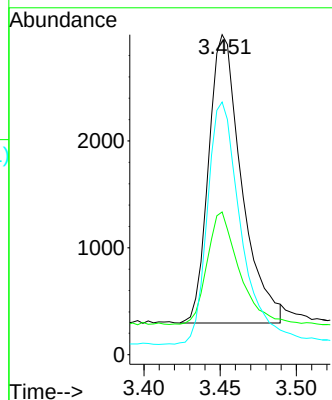
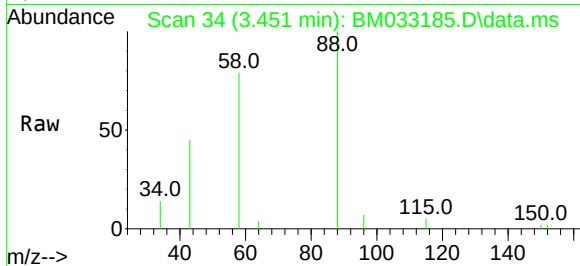




#2
 1,4-Dioxane
 Concen: 1.574 ng/ul
 RT: 3.451 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: BM033185.D
 Acq: 19 Nov 2021 20:41

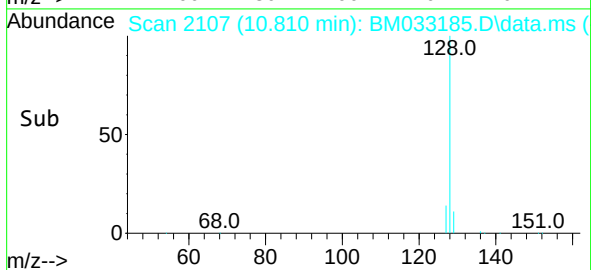
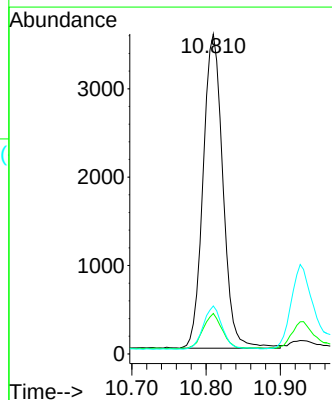
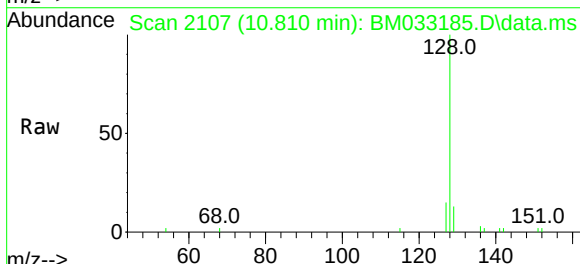
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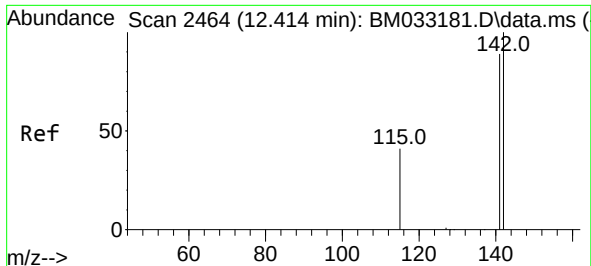
Tgt Ion: 88 Resp: 4058
 Ion Ratio Lower Upper
 88 100
 43 44.6 35.8 53.8
 58 79.0 55.8 83.8



#5
 Naphthalene
 Concen: 0.309 ng/ul
 RT: 10.810 min Scan# 2107
 Delta R.T. 0.000 min
 Lab File: BM033185.D
 Acq: 19 Nov 2021 20:41

Tgt Ion: 128 Resp: 6582
 Ion Ratio Lower Upper
 128 100
 129 12.6 9.8 14.6
 127 15.0 11.8 17.8

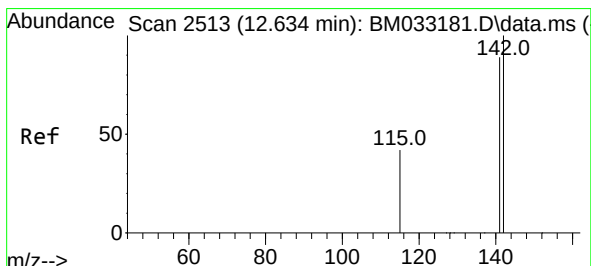
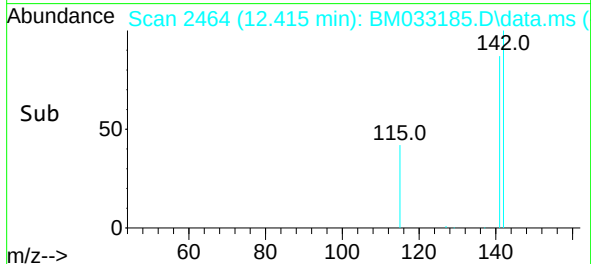
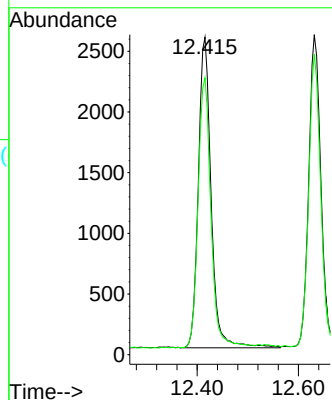
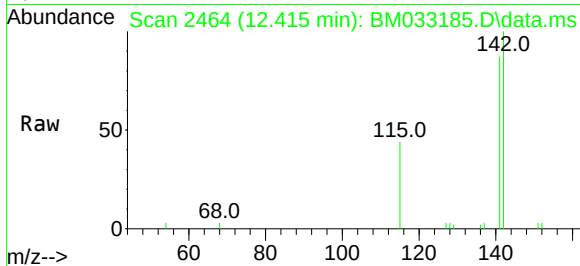




#7
2-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.415 min Scan# 2464
Delta R.T. 0.000 min
Lab File: BM033185.D
Acq: 19 Nov 2021 20:41

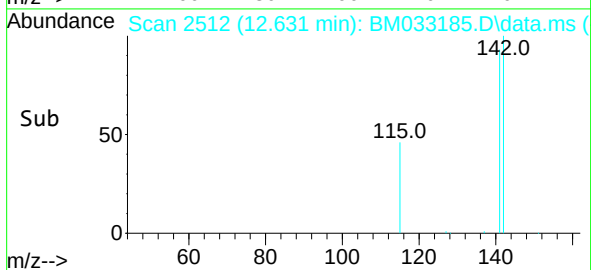
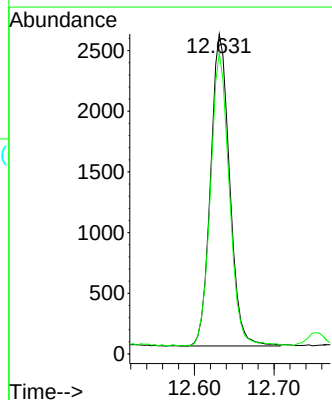
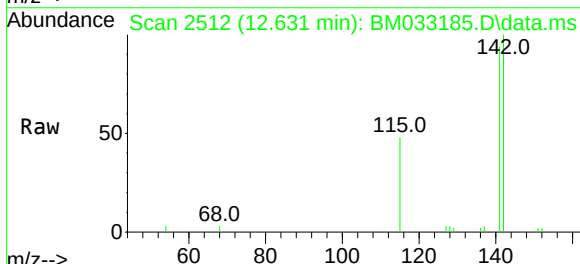
Instrument :
BNA_M
ClientSampleId :
SLCS811

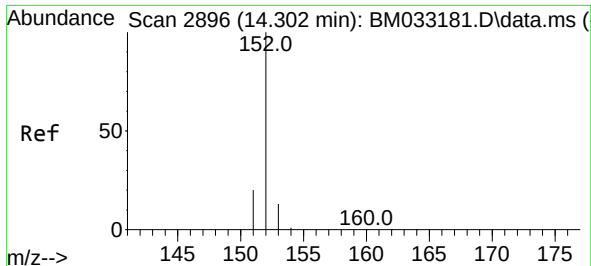
Tgt Ion:142 Resp: 4478
Ion Ratio Lower Upper
142 100
141 87.5 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.631 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BM033185.D
Acq: 19 Nov 2021 20:41

Tgt Ion:142 Resp: 4277
Ion Ratio Lower Upper
142 100
141 92.5 74.5 111.7

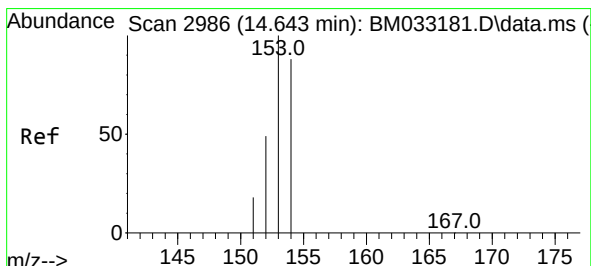
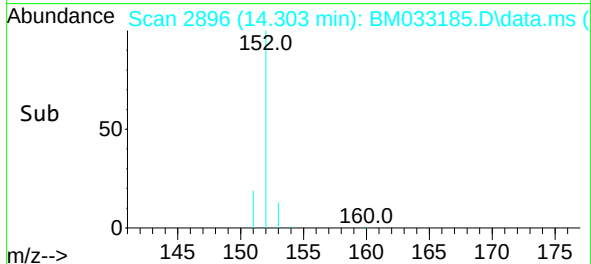
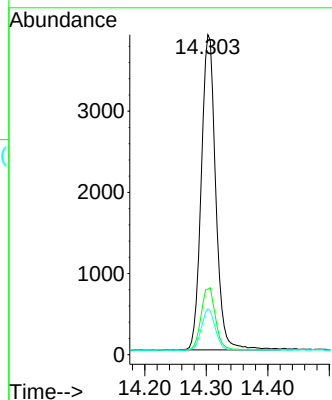
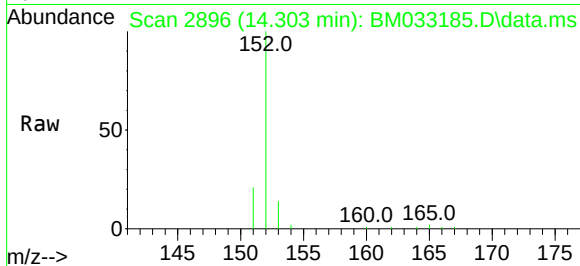




#10
Acenaphthylene
Concen: 0.314 ng/ul
RT: 14.303 min Scan# 2896
Delta R.T. -0.001 min
Lab File: BM033185.D
Acq: 19 Nov 2021 20:41

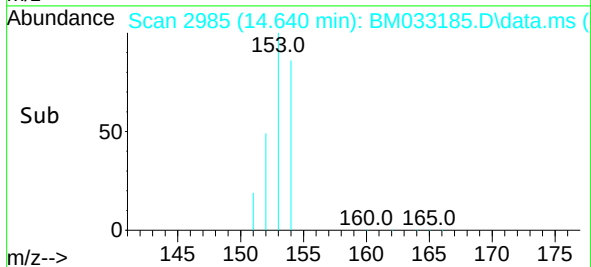
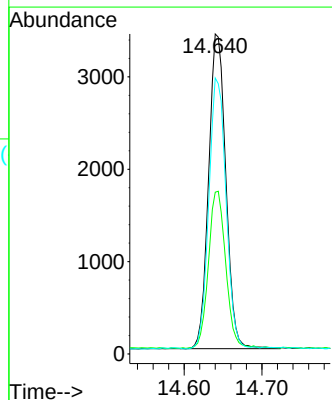
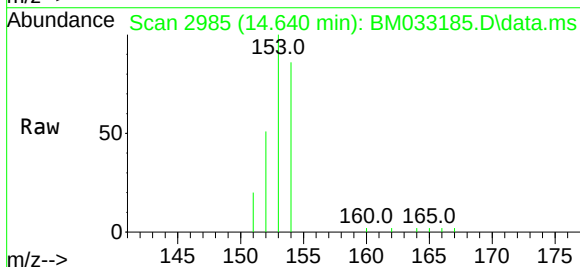
Instrument :
BNA_M
ClientSampleId :
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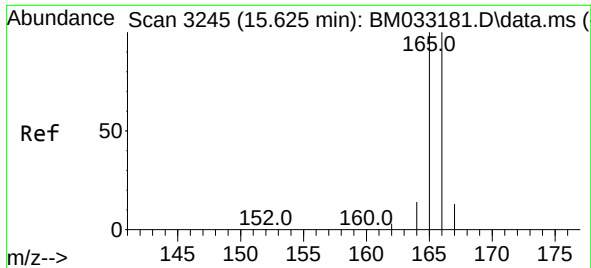
Tgt Ion:152 Resp: 6339
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1
153 14.4 0.0 0.0#



#11
Acenaphthene
Concen: 0.317 ng/ul
RT: 14.640 min Scan# 2985
Delta R.T. -0.004 min
Lab File: BM033185.D
Acq: 19 Nov 2021 20:41

Tgt Ion:153 Resp: 5245
Ion Ratio Lower Upper
153 100
152 50.6 40.6 60.8
154 86.3 70.8 106.2

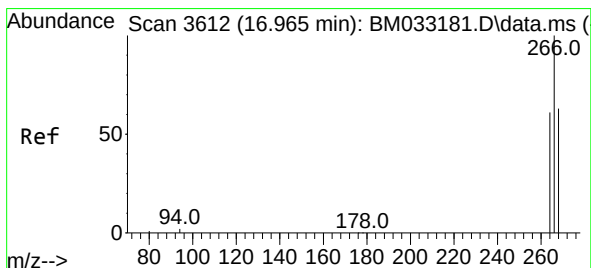
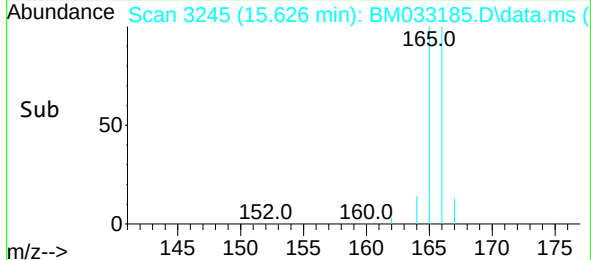
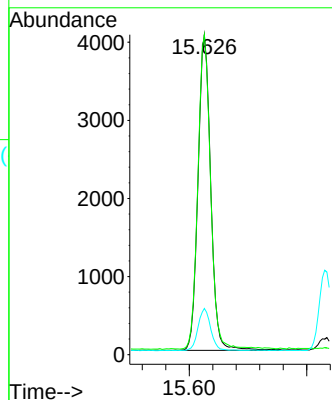
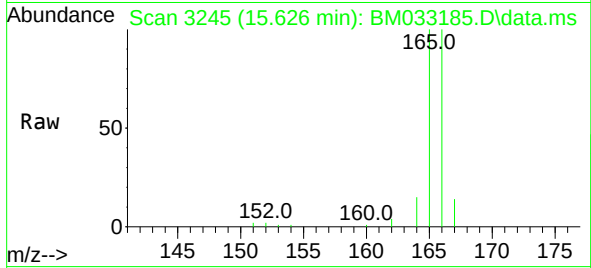




#12
 Fluorene
 Concen: 0.327 ng/ul
 RT: 15.626 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BM033185.D
 Acq: 19 Nov 2021 20:41

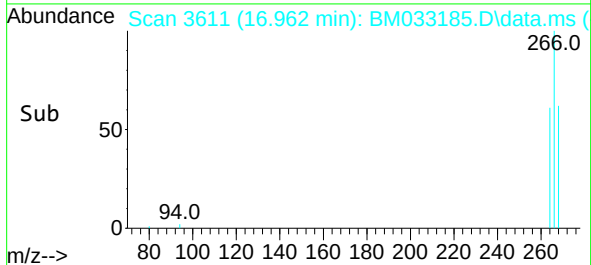
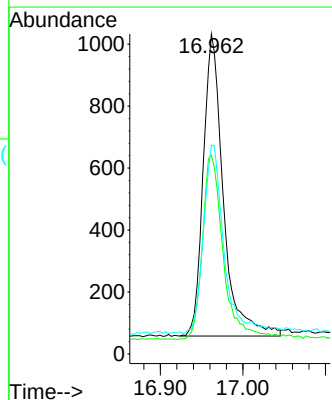
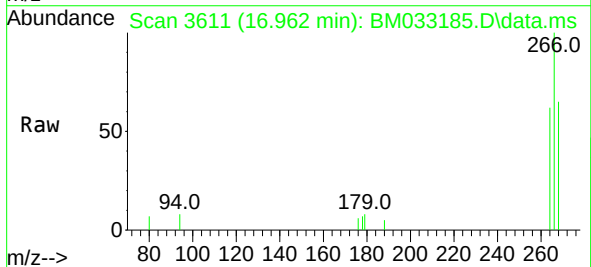
Instrument :
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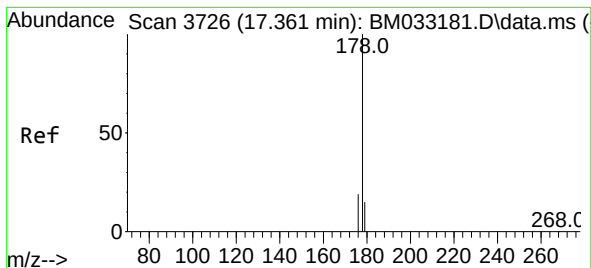
Tgt Ion:166 Resp: 6099
 Ion Ratio Lower Upper
 166 100
 165 100.0 80.8 121.2
 167 14.5 11.7 17.5



#14
 Pentachlorophenol
 Concen: 0.504 ng/ul
 RT: 16.962 min Scan# 3611
 Delta R.T. -0.004 min
 Lab File: BM033185.D
 Acq: 19 Nov 2021 20:41

Tgt Ion:266 Resp: 1648
 Ion Ratio Lower Upper
 266 100
 264 63.6 51.2 76.8
 268 64.1 52.9 79.3





#15

Phenanthrene

Concen: 0.282 ng/u1

RT: 17.357 min Scan# 31

Delta R.T. -0.001 min

Lab File: BM033185.D

Acq: 19 Nov 2021 20:41

Instrument :

BNA_M

ClientSampleId :

SLCS811

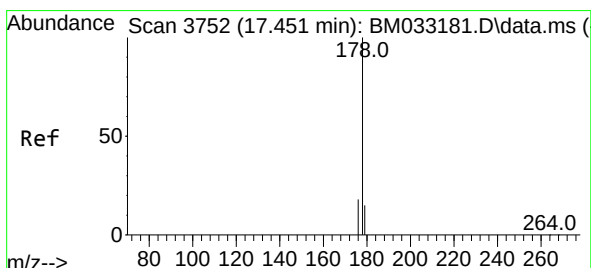
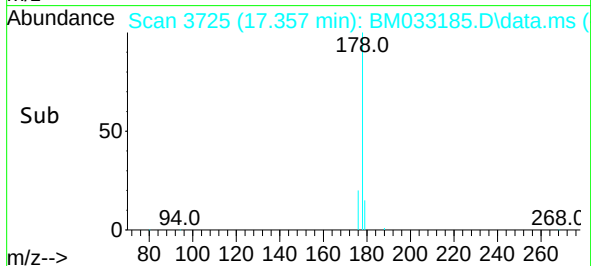
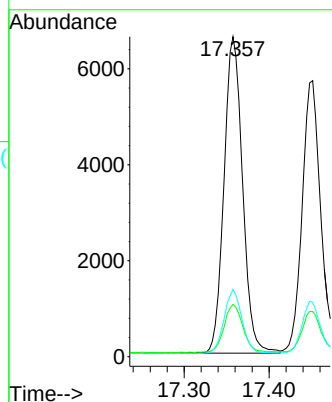
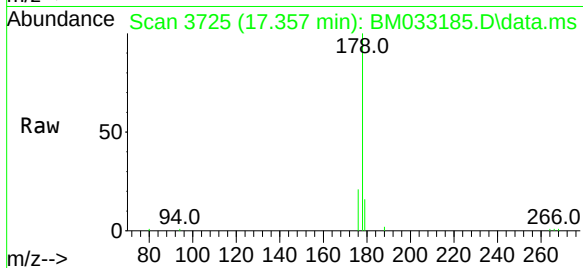
Tgt Ion:178 Resp: 10015

Ion Ratio Lower Upper

178 100

179 16.4 12.9 19.3

176 21.0 16.0 24.0



#16

Anthracene

Concen: 0.305 ng/u1

RT: 17.451 min Scan# 3752

Delta R.T. -0.001 min

Lab File: BM033185.D

Acq: 19 Nov 2021 20:41

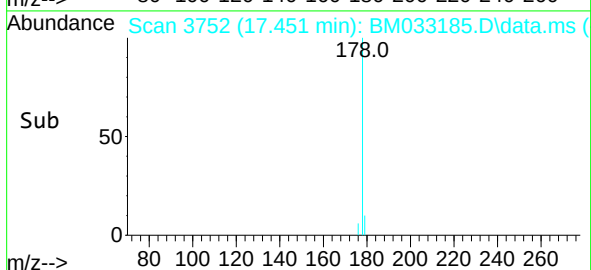
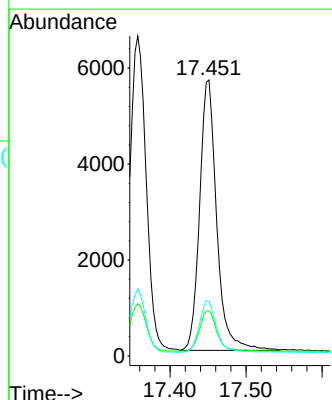
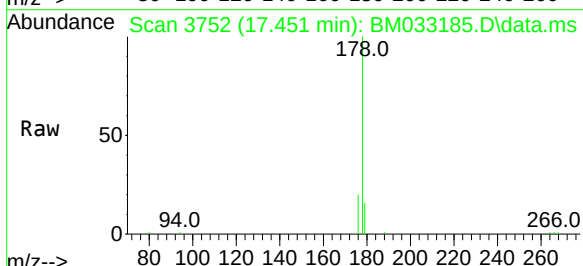
Tgt Ion:178 Resp: 8771

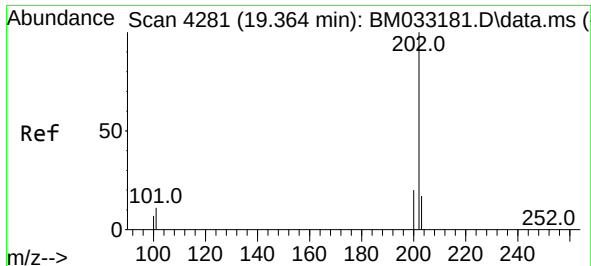
Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.6

176 19.7 15.6 23.4

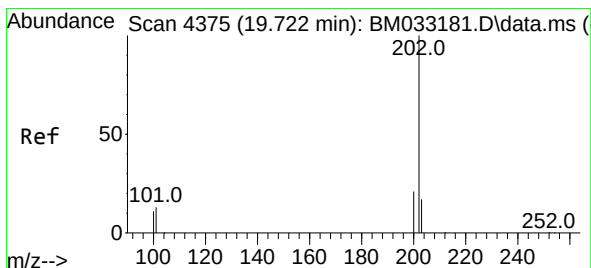
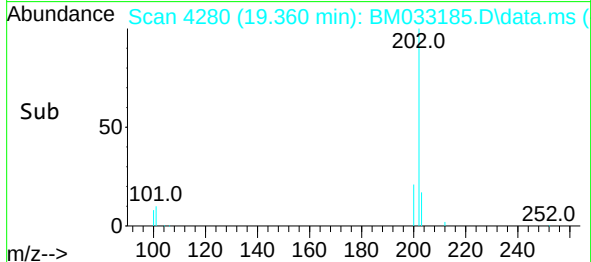
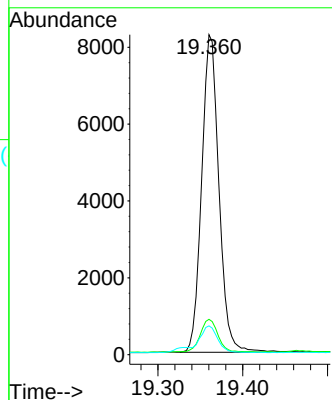
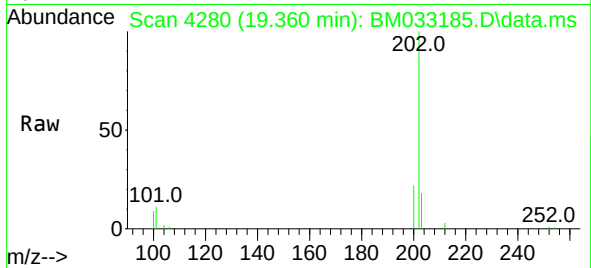




#19
Fluoranthene
Concen: 0.305 ng/u1
RT: 19.360 min Scan# 4280
Delta R.T. -0.001 min
Lab File: BM033185.D
Acq: 19 Nov 2021 20:41

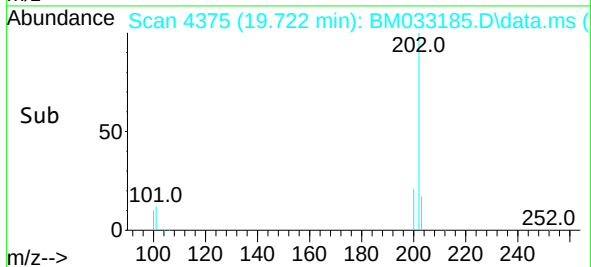
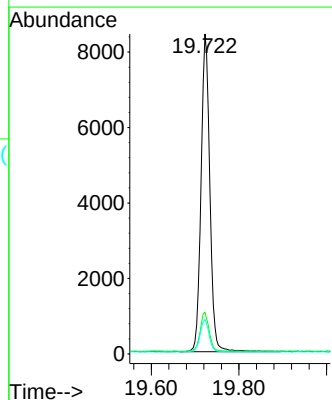
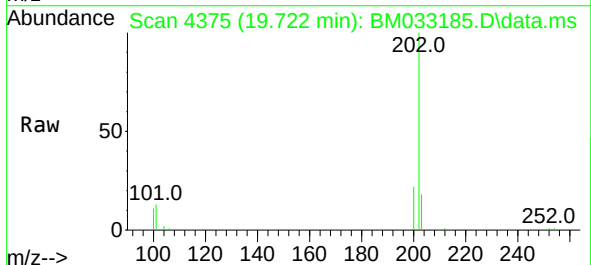
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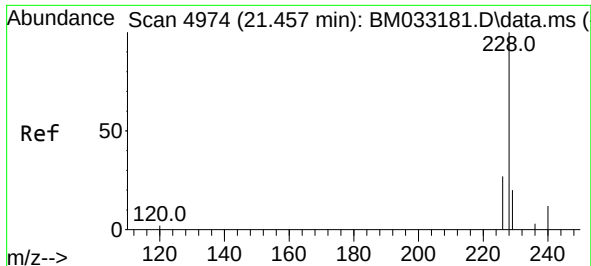
Tgt Ion:202 Resp: 11657
Ion Ratio Lower Upper
202 100
101 11.1 9.9 14.9
100 9.0 7.3 10.9



#20
Pyrene
Concen: 0.309 ng/u1
RT: 19.722 min Scan# 4375
Delta R.T. -0.001 min
Lab File: BM033185.D
Acq: 19 Nov 2021 20:41

Tgt Ion:202 Resp: 11735
Ion Ratio Lower Upper
202 100
101 13.0 11.8 17.6
100 10.8 9.5 14.3

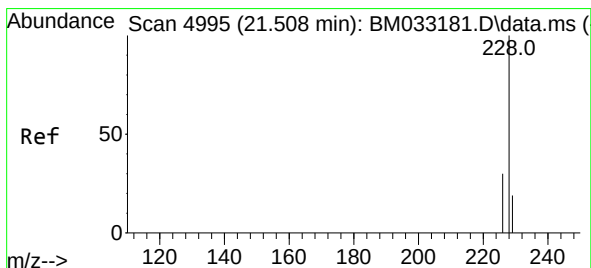
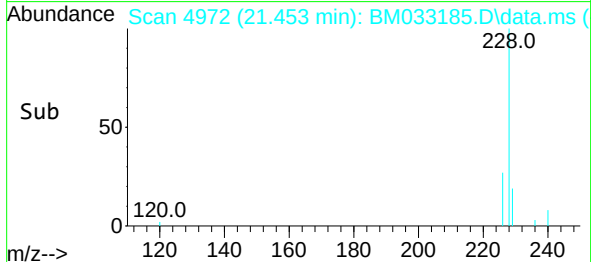
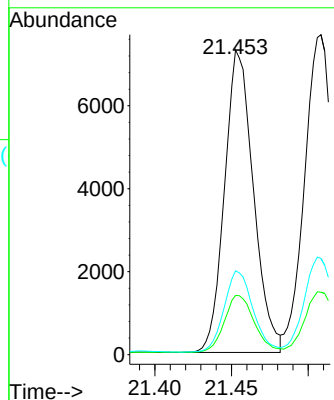
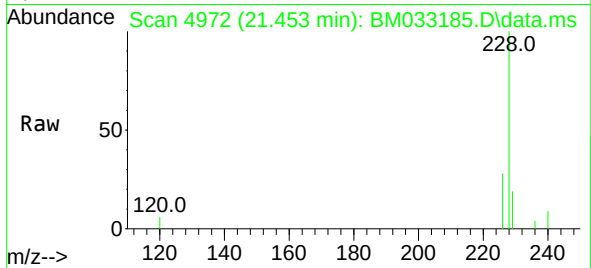




#21
Benzo(a)anthracene
Concen: 0.337 ng/ul
RT: 21.453 min Scan# 4972
Delta R.T. -0.003 min
Lab File: BM033185.D
Acq: 19 Nov 2021 20:41

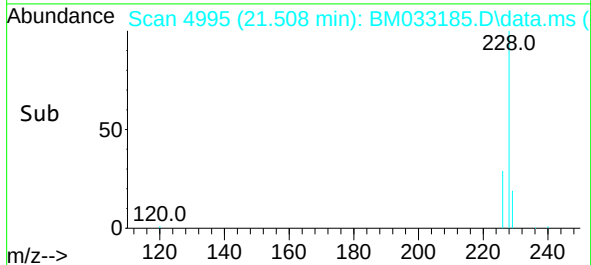
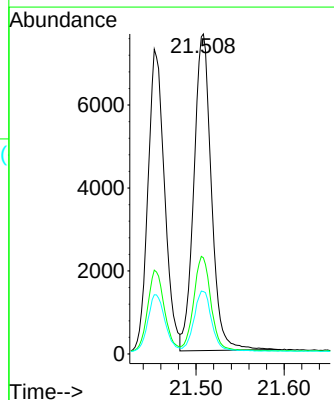
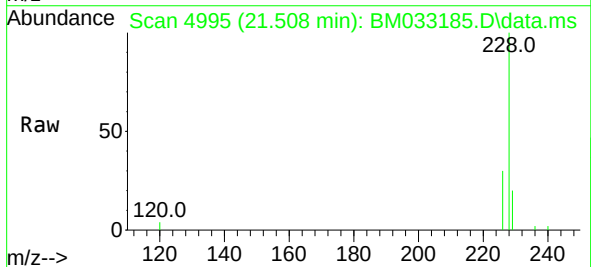
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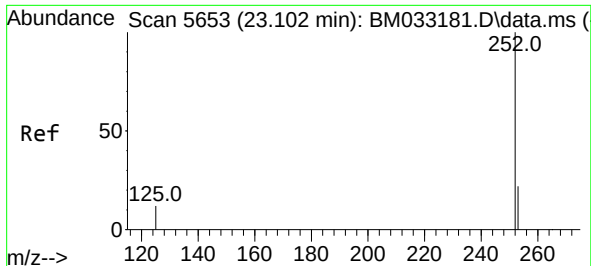
Tgt Ion:228 Resp: 9550
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 27.5 22.4 33.6



#22
Chrysene
Concen: 0.337 ng/ul
RT: 21.508 min Scan# 4995
Delta R.T. 0.002 min
Lab File: BM033185.D
Acq: 19 Nov 2021 20:41

Tgt Ion:228 Resp: 10528
Ion Ratio Lower Upper
228 100
226 30.1 24.9 37.3
229 19.5 16.1 24.1

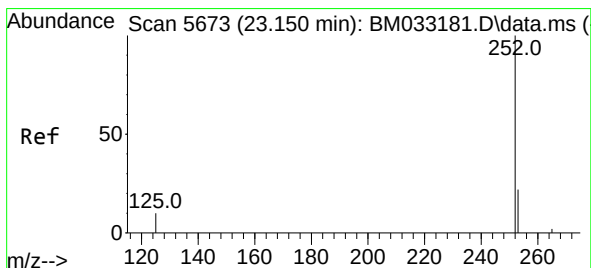
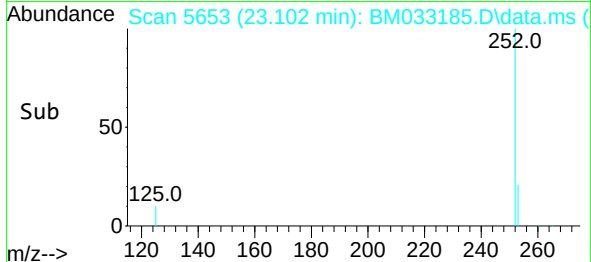
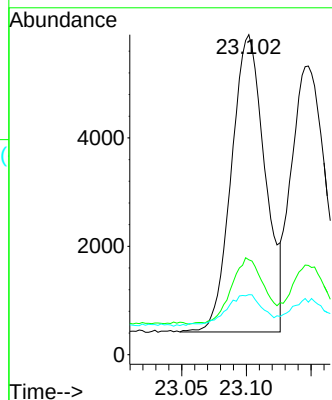
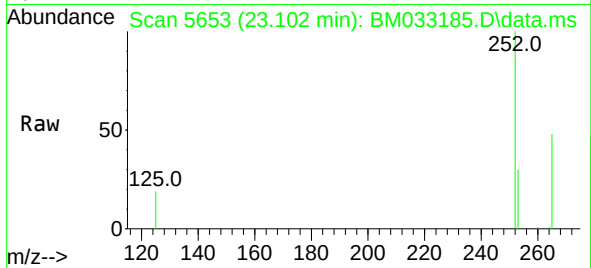




#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 23.102 min Scan# 5653
Delta R.T. 0.001 min
Lab File: BM033185.D
Acq: 19 Nov 2021 20:41

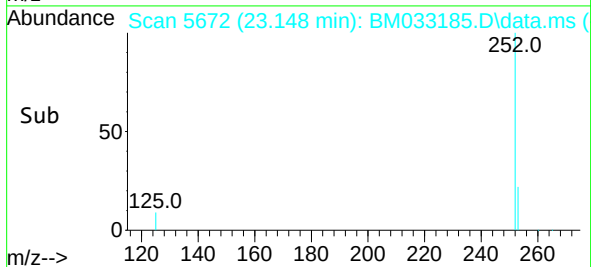
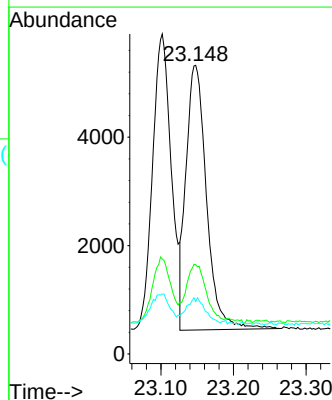
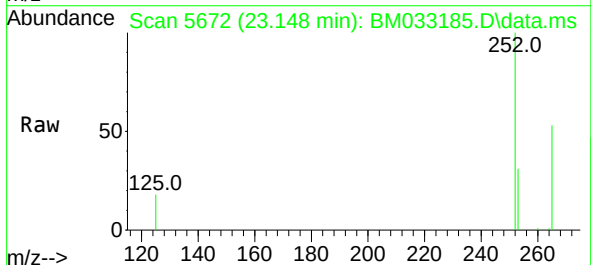
Instrument :
BNA_M
ClientSampleId :
SLCS811

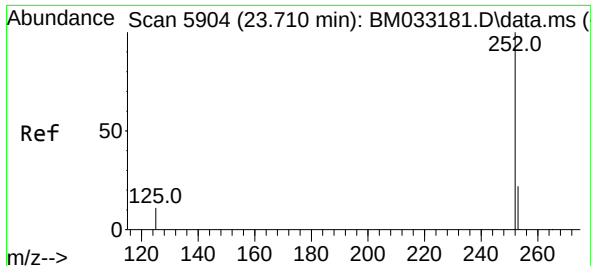
Tgt Ion:252 Resp: 9923
Ion Ratio Lower Upper
252 100
253 29.7 0.0 59.2
125 18.7 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 23.148 min Scan# 5672
Delta R.T. -0.001 min
Lab File: BM033185.D
Acq: 19 Nov 2021 20:41

Tgt Ion:252 Resp: 9559
Ion Ratio Lower Upper
252 100
253 30.9 23.1 34.7
125 18.2 14.6 21.8

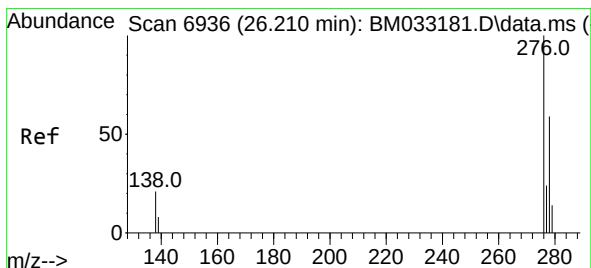
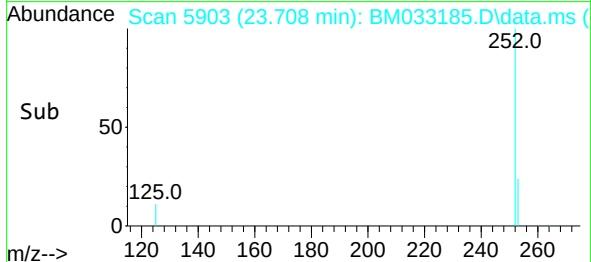
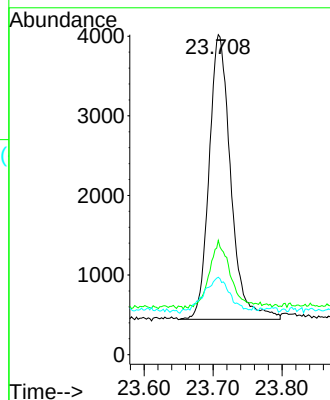
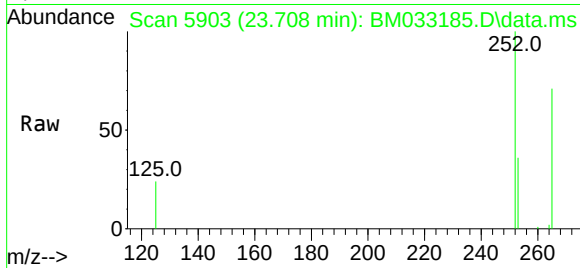




#26
Benzo(a)pyrene
Concen: 0.339 ng/ul
RT: 23.708 min Scan# 5903
Delta R.T. -0.003 min
Lab File: BM033185.D
Acq: 19 Nov 2021 20:41

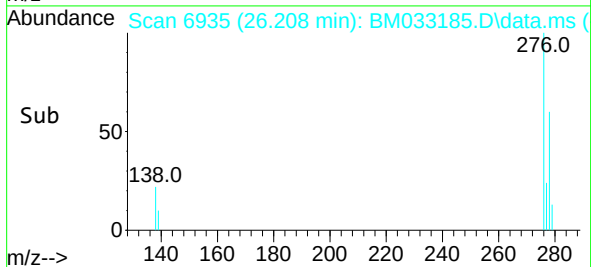
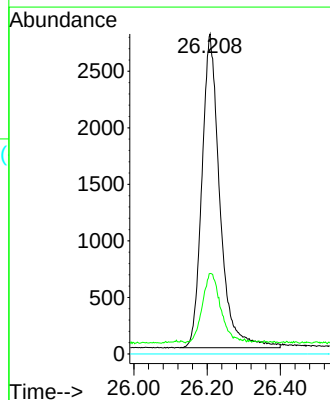
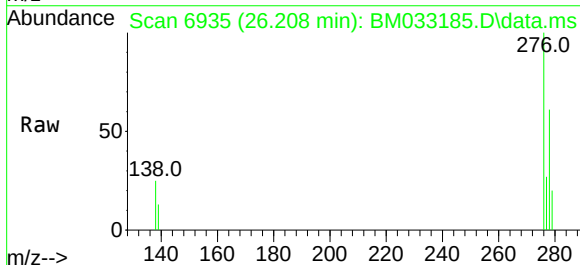
Instrument :
BNA_M
ClientSampleId :
SLCS811

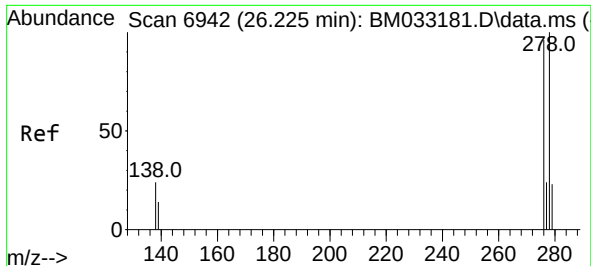
Tgt Ion:252 Resp: 7790
Ion Ratio Lower Upper
252 100
253 35.7 27.1 40.7
125 24.2 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.325 ng/ul
RT: 26.208 min Scan# 6935
Delta R.T. 0.002 min
Lab File: BM033185.D
Acq: 19 Nov 2021 20:41

Tgt Ion:276 Resp: 9429
Ion Ratio Lower Upper
276 100
138 22.7 22.9 34.3#
227 0.0 0.0 0.0

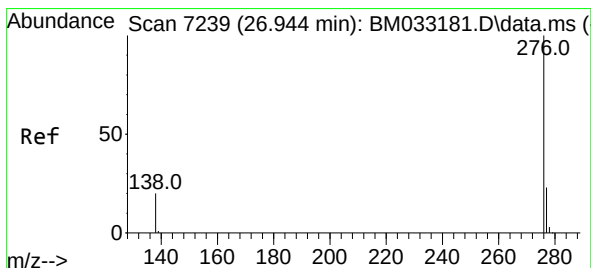
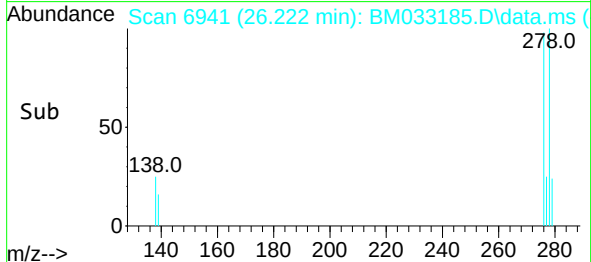
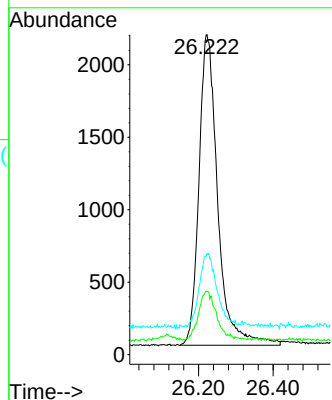
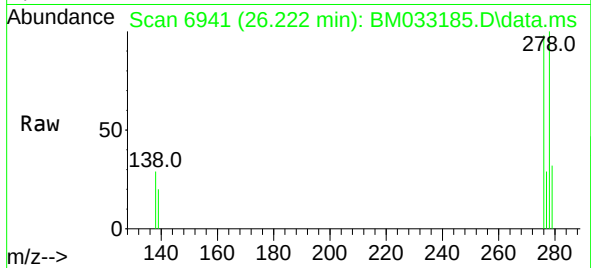




#28
Dibenzo(a,h)anthracene
Concen: 0.323 ng/ul
RT: 26.222 min Scan# 6942
Delta R.T. -0.003 min
Lab File: BM033185.D
Acq: 19 Nov 2021 20:41

Instrument :
BNA_M
ClientSampleId :
SLCS811

Tgt Ion:278 Resp: 7487
Ion Ratio Lower Upper
278 100
139 19.7 18.2 27.2
279 31.6 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.323 ng/ul
RT: 26.942 min Scan# 7238
Delta R.T. 0.004 min
Lab File: BM033185.D
Acq: 19 Nov 2021 20:41

Tgt Ion:276 Resp: 8424
Ion Ratio Lower Upper
276 100
138 23.5 22.2 33.2
277 26.7 21.0 31.4

