

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
 Data File : BM033833.D
 Acq On : 24 Jan 2022 12:07
 Operator : CG/JU
 Sample : SST0.244
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2044

Quant Time: Jan 24 14:05:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 24 14:03:45 2022
 Response via : Initial Calibration

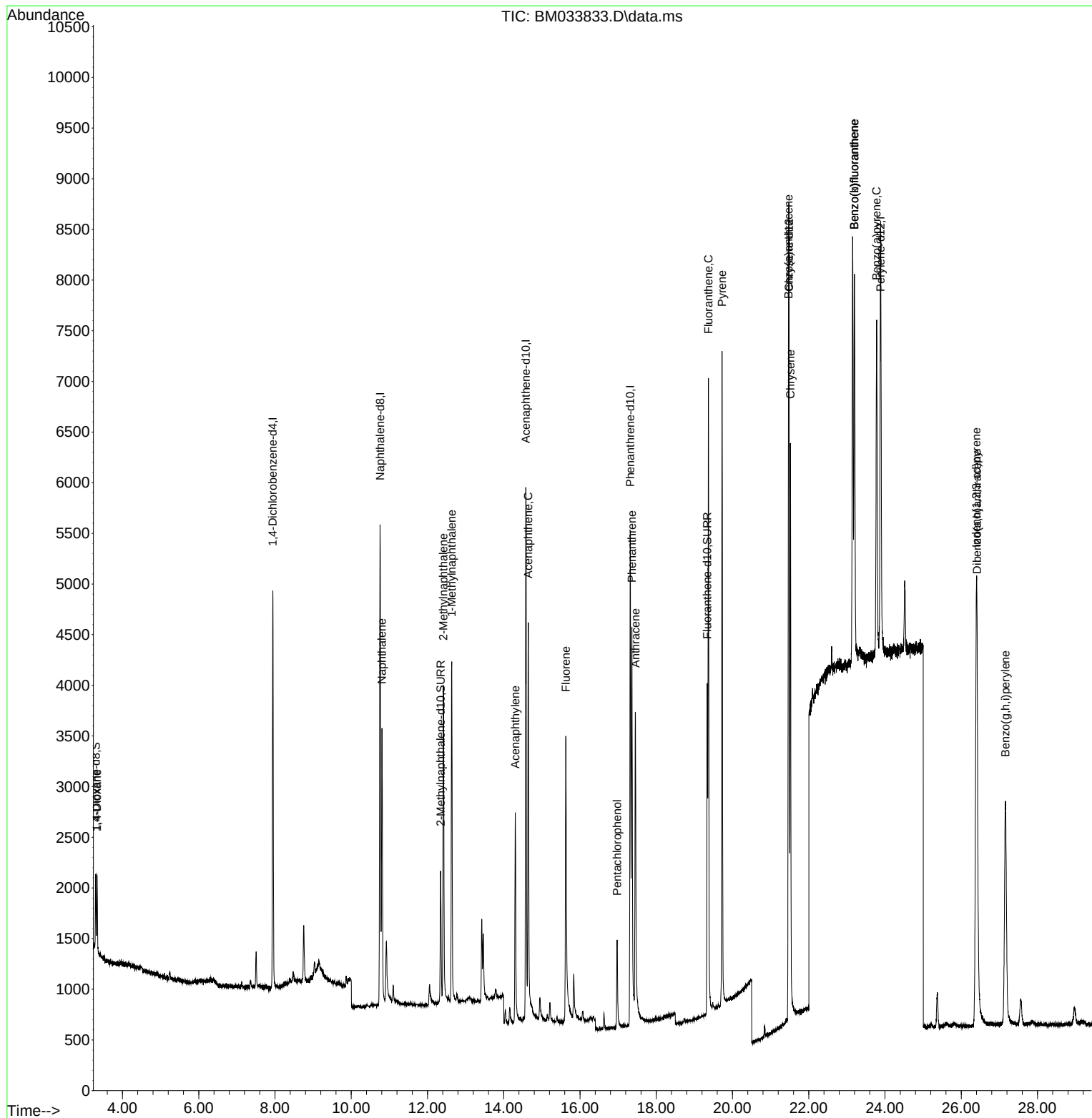
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	1984	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	6815	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.580	164	3242	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	6960	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	5940	0.400	ng/ul #	0.00
23) Perylene-d12	23.885	264	6094	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	428	0.203	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	1864	0.201	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	3710	0.202	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	461	0.200	ng/ul#	86
5) Naphthalene	10.805	128	3742	0.190	ng/ul#	92
7) 2-Methylnaphthalene	12.416	142	2415	0.190	ng/ul	97
8) 1-Methylnaphthalene	12.636	142	2404	0.193	ng/ul	98
10) Acenaphthylene	14.303	152	2972	0.198	ng/ul	96
11) Acenaphthene	14.644	153	2362	0.198	ng/ul	95
12) Fluorene	15.630	166	2666	0.186	ng/ul	99
14) Pentachlorophenol	16.973	266	691	0.252	ng/ul	97
15) Phenanthrene	17.361	178	4487	0.199	ng/ul	97
16) Anthracene	17.451	178	4202	0.203	ng/ul	96
19) Fluoranthene	19.368	202	5486	0.197	ng/ul	96
20) Pyrene	19.727	202	5662	0.201	ng/ul#	93
21) Benzo(a)anthracene	21.468	228	4899	0.199	ng/ul	99
22) Chrysene	21.519	228	5252	0.208	ng/ul	100
24) Benzo(b)fluoranthene	23.197	252	5510	0.206	ng/ul	88
25) Benzo(k)fluoranthene	23.197	252	5510	0.210	ng/ul#	90
26) Benzo(a)pyrene	23.778	252	4868	0.210	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.395	276	6491	0.215	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.415	278	5058	0.211	ng/ul	96
29) Benzo(g,h,i)perylene	27.161	276	5433	0.209	ng/ul#	92

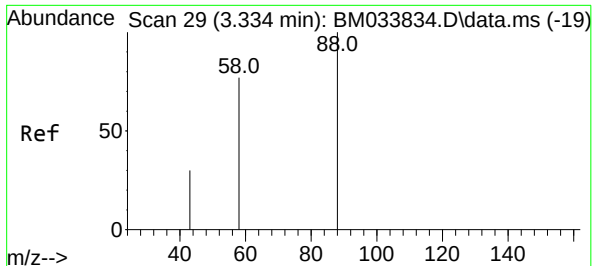
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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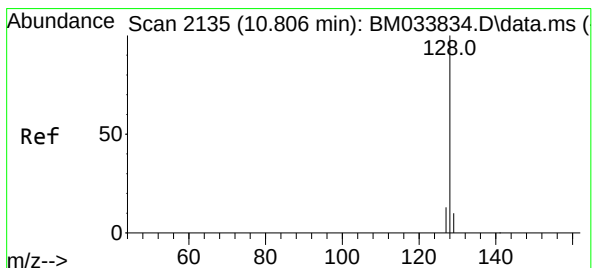
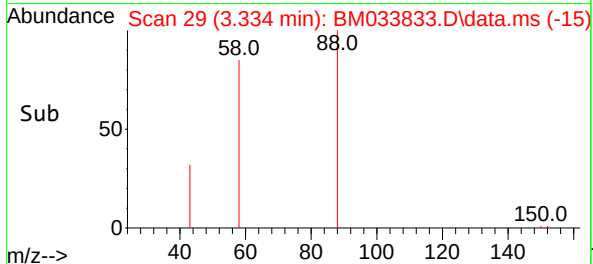
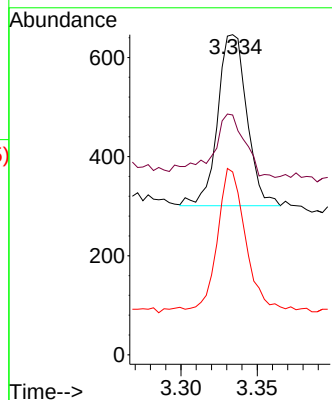
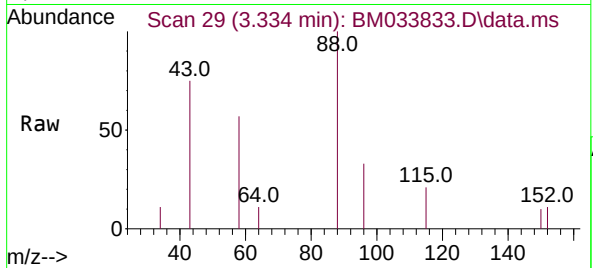




#2
1,4-Dioxane
Concen: 0.200 ng/ul
RT: 3.334 min Scan# 29
Delta R.T. -0.000 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

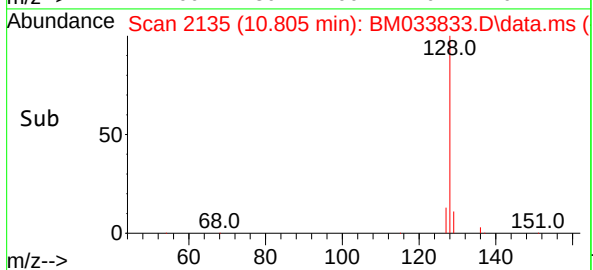
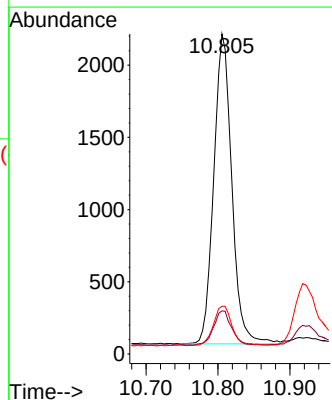
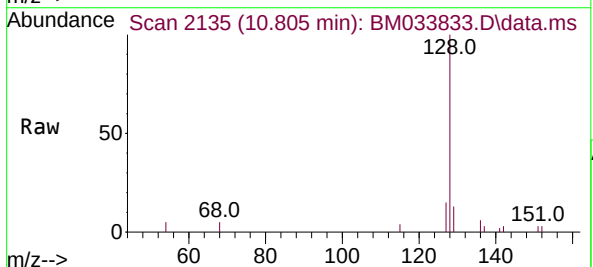
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

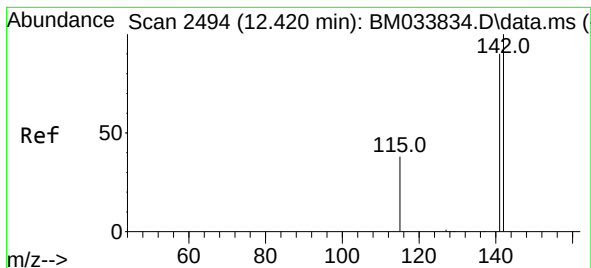
Tgt Ion: 88 Resp: 461
Ion Ratio Lower Upper
88 100
43 74.9 49.7 74.5#
58 57.1 52.5 78.7



#5
Naphthalene
Concen: 0.190 ng/ul
RT: 10.805 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

Tgt Ion: 128 Resp: 3742
Ion Ratio Lower Upper
128 100
129 13.5 13.4 20.2
127 14.9 15.2 22.8#

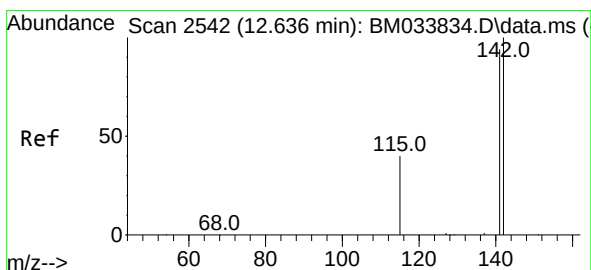
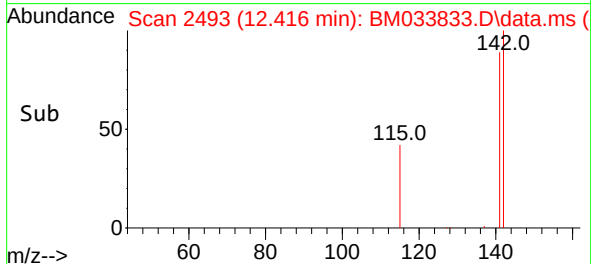
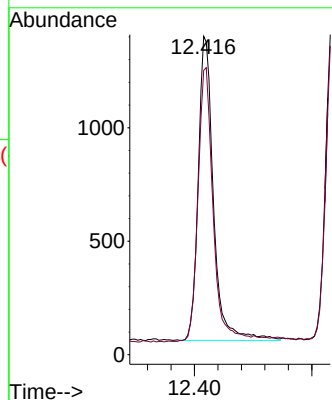
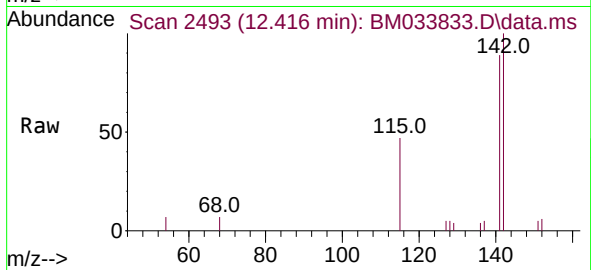




#7
2-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.416 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

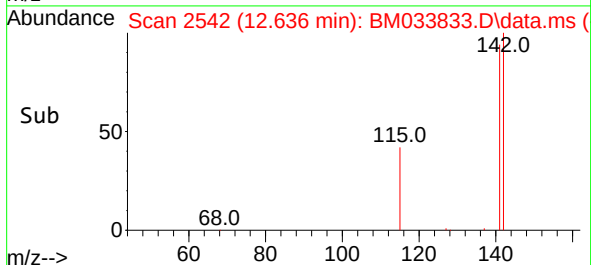
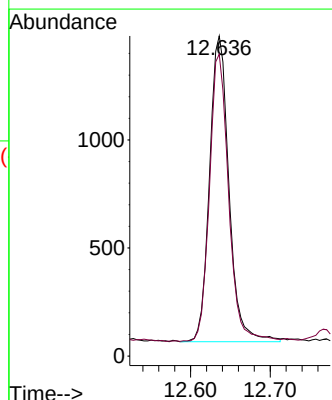
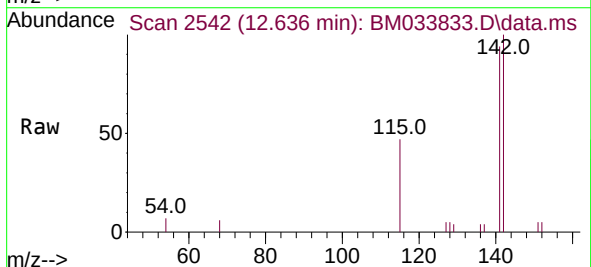
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

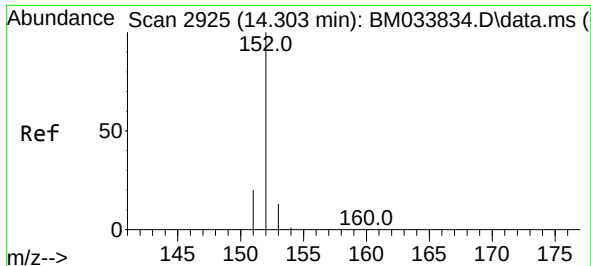
Tgt Ion:142 Resp: 2415
Ion Ratio Lower Upper
142 100
141 92.1 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.193 ng/ul
RT: 12.636 min Scan# 2542
Delta R.T. -0.000 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

Tgt Ion:142 Resp: 2404
Ion Ratio Lower Upper
142 100
141 92.1 75.0 112.4

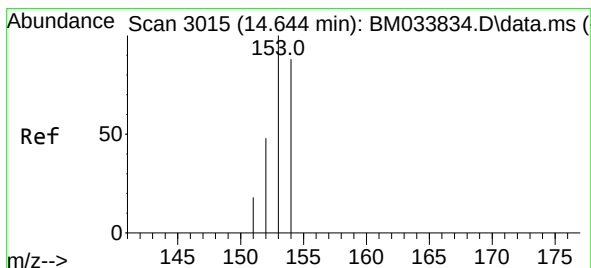
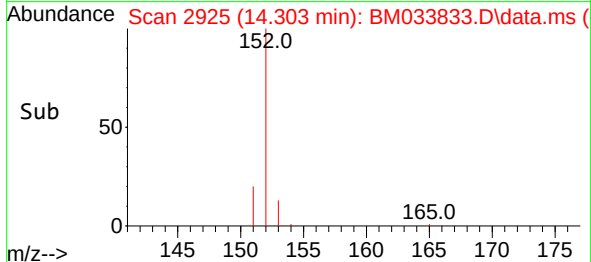
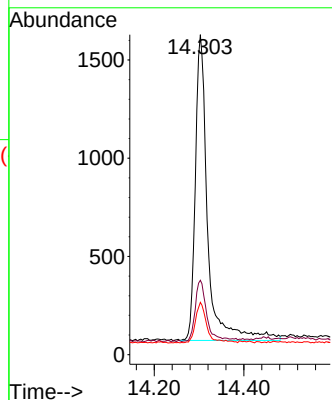
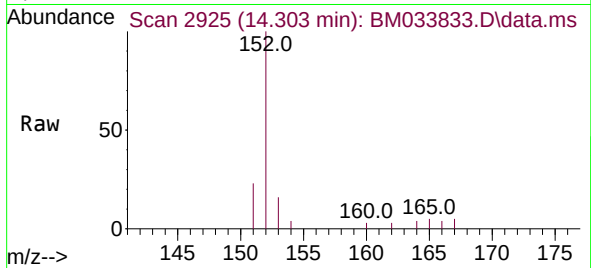




#10
Acenaphthylene
Concen: 0.198 ng/ul
RT: 14.303 min Scan# 2925
Delta R.T. -0.000 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

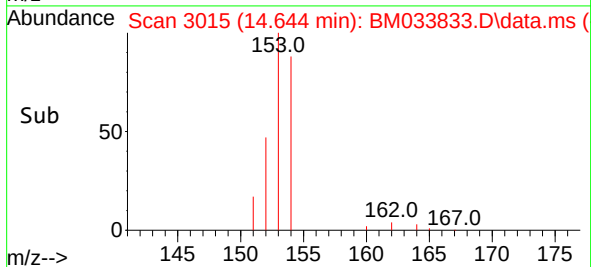
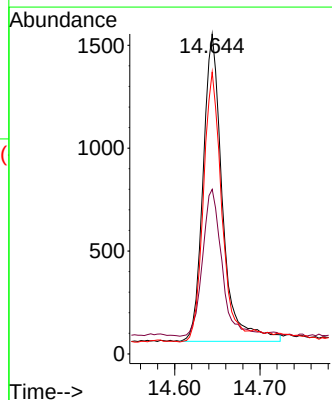
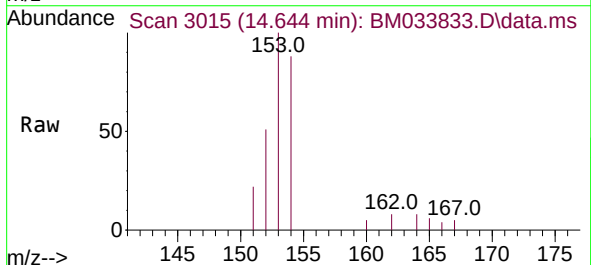
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BNA_M
ClientSampleId :
SSTD0.2044

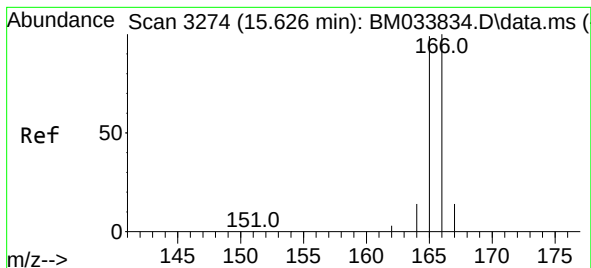
Tgt Ion:	152	Resp:	2972
Ion Ratio	Lower	Upper	
152	100		
151	23.3	19.9	29.9
153	16.3	15.0	22.4



#11
Acenaphthene
Concen: 0.198 ng/ul
RT: 14.644 min Scan# 3015
Delta R.T. -0.000 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

Tgt Ion:	153	Resp:	2362
Ion Ratio	Lower	Upper	
153	100		
152	51.4	42.4	63.6
154	88.1	66.2	99.2





#12

Fluorene

Concen: 0.186 ng/ul

RT: 15.630 min Scan# 31

Delta R.T. 0.004 min

Lab File: BM033833.D

Acq: 24 Jan 2022 12:07

Instrument :

BNA_M

ClientSampleId :

SSTD0.2044

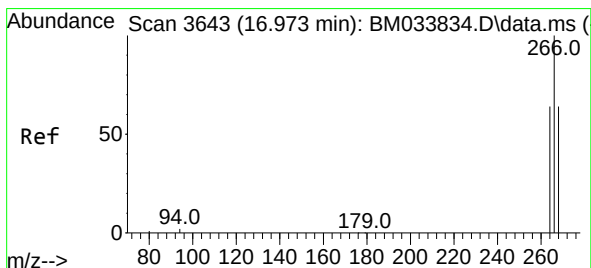
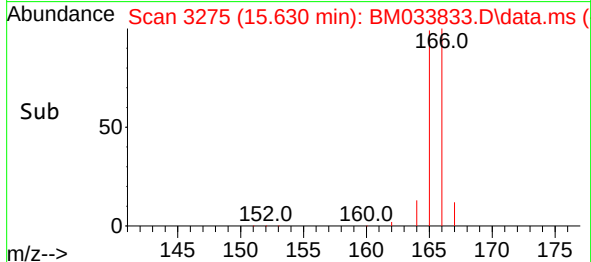
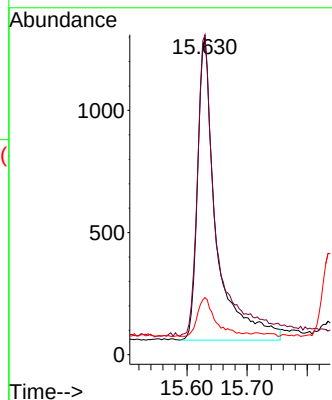
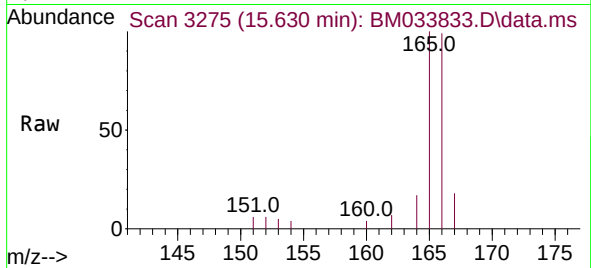
Tgt Ion:166 Resp: 2666

Ion Ratio Lower Upper

166 100

165 101.0 81.1 121.7

167 18.0 14.9 22.3



#14

Pentachlorophenol

Concen: 0.252 ng/ul

RT: 16.973 min Scan# 3643

Delta R.T. -0.000 min

Lab File: BM033833.D

Acq: 24 Jan 2022 12:07

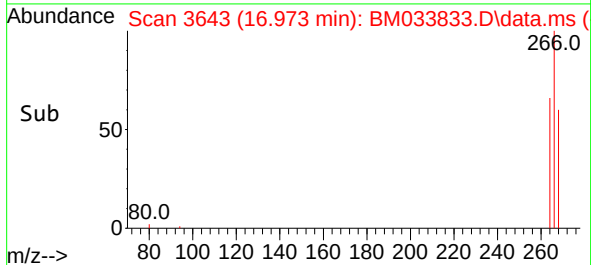
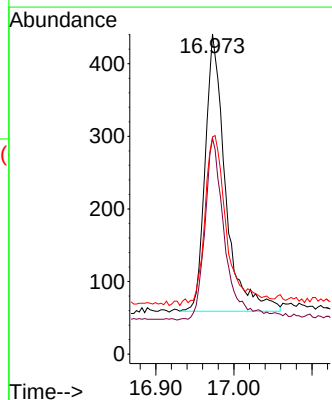
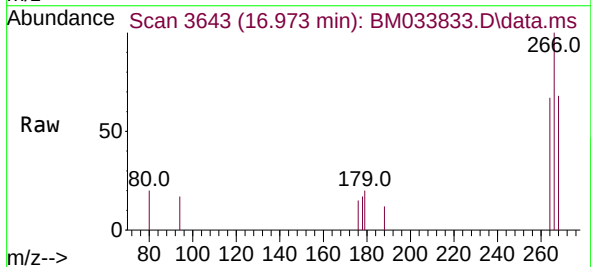
Tgt Ion:266 Resp: 691

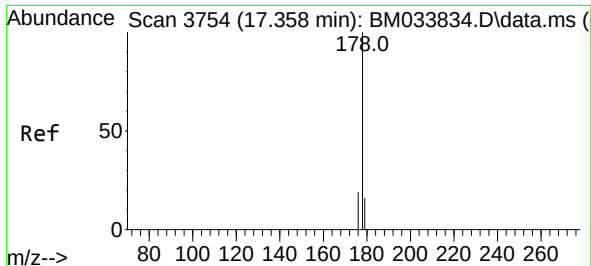
Ion Ratio Lower Upper

266 100

264 64.1 51.4 77.0

268 62.2 53.1 79.7

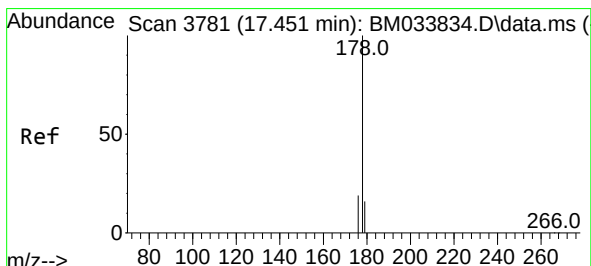
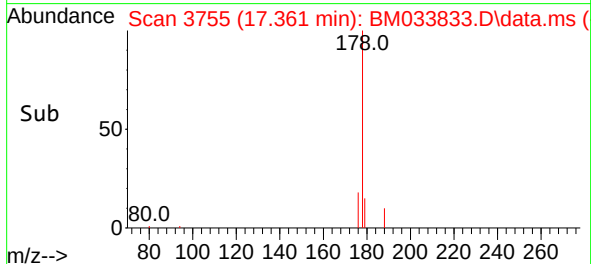
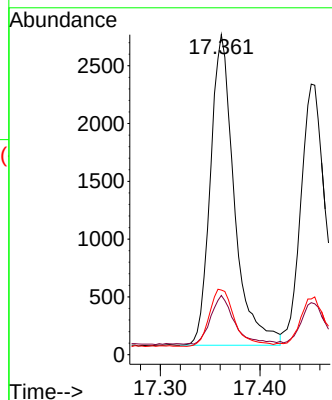
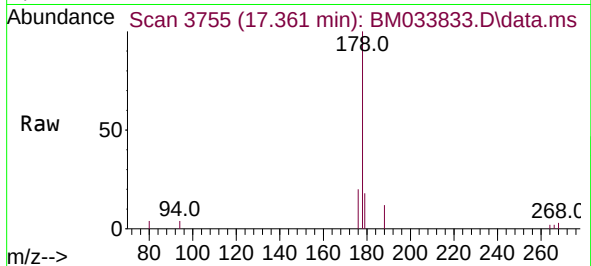




#15
Phenanthrene
Concen: 0.199 ng/u1
RT: 17.361 min Scan# 3755
Delta R.T. 0.003 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

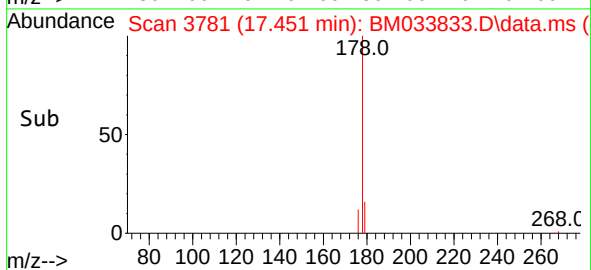
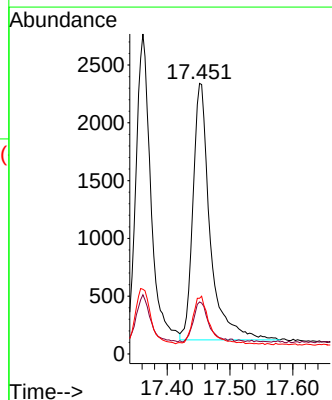
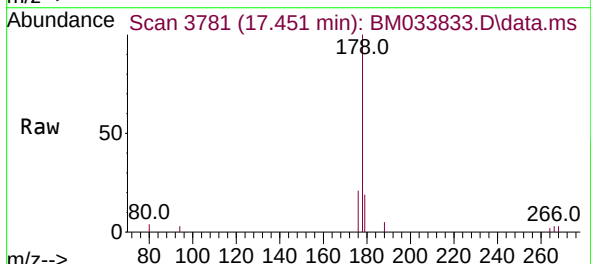
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SSTD0.2044

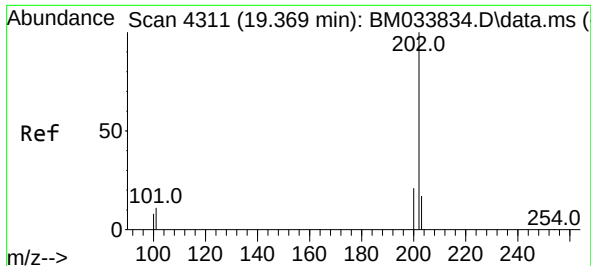
Tgt Ion:178 Resp: 4487
Ion Ratio Lower Upper
178 100
179 18.5 15.0 22.6
176 20.2 17.9 26.9



#16
Anthracene
Concen: 0.203 ng/u1
RT: 17.451 min Scan# 3781
Delta R.T. -0.000 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

Tgt Ion:178 Resp: 4202
Ion Ratio Lower Upper
178 100
179 19.2 16.5 24.7
176 20.6 18.3 27.5

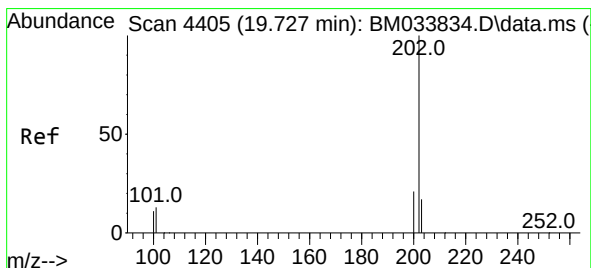
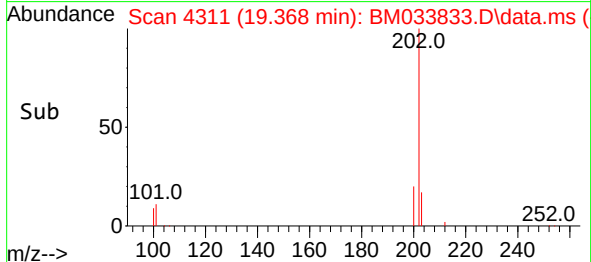
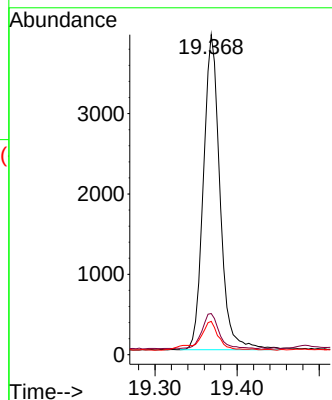
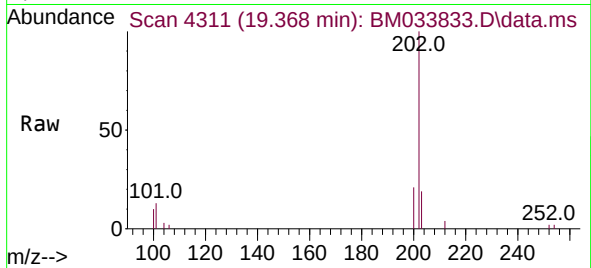




#19
Fluoranthene
Concen: 0.197 ng/ul
RT: 19.368 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

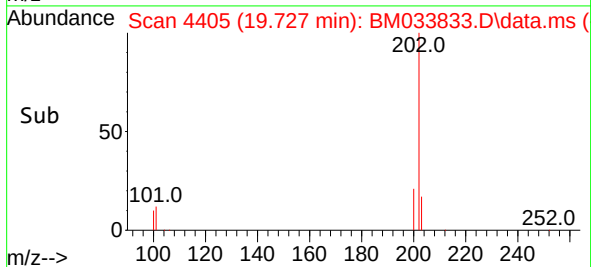
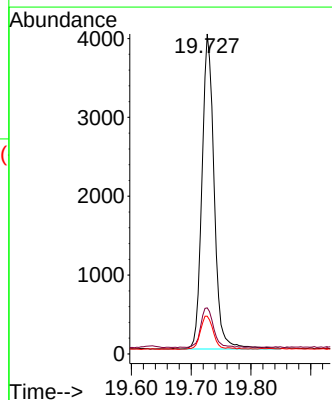
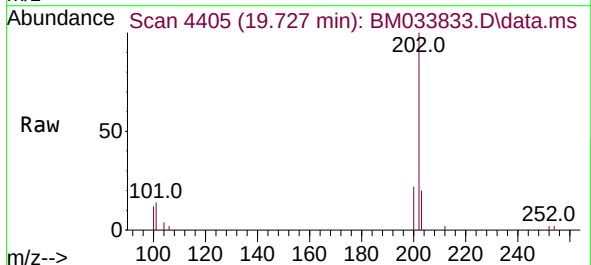
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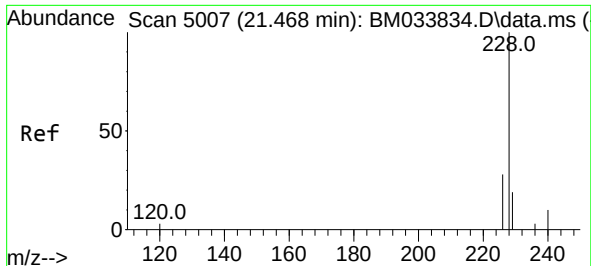
Tgt Ion:202 Resp: 5486
Ion Ratio Lower Upper
202 100
101 12.9 9.2 13.8
100 10.4 7.2 10.8



#20
Pyrene
Concen: 0.201 ng/ul
RT: 19.727 min Scan# 4405
Delta R.T. -0.000 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

Tgt Ion:202 Resp: 5662
Ion Ratio Lower Upper
202 100
101 14.4 9.3 13.9#
100 11.8 7.8 11.6#

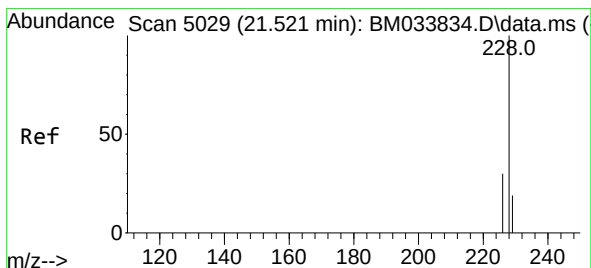
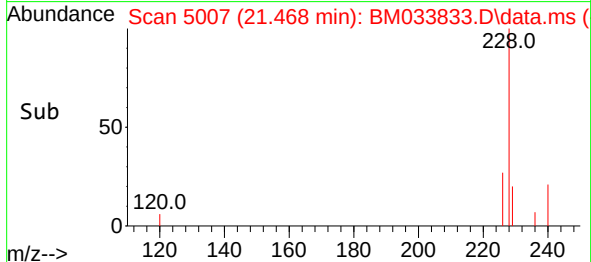
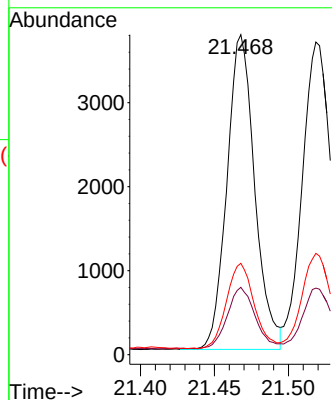
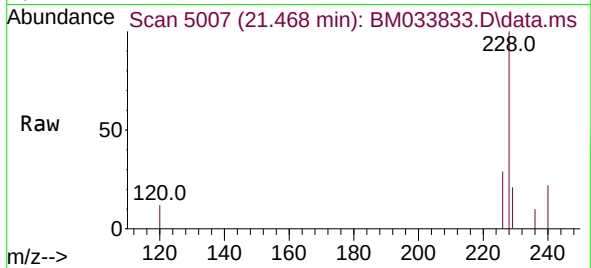




#21
Benzo(a)anthracene
Concen: 0.199 ng/ul
RT: 21.468 min Scan# 5007
Delta R.T. -0.000 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

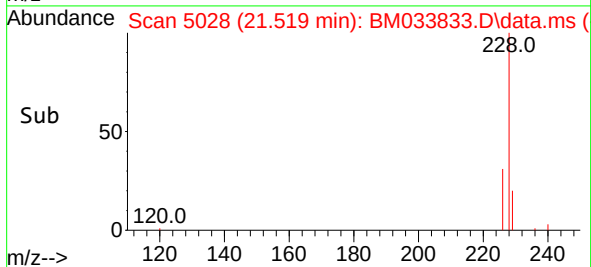
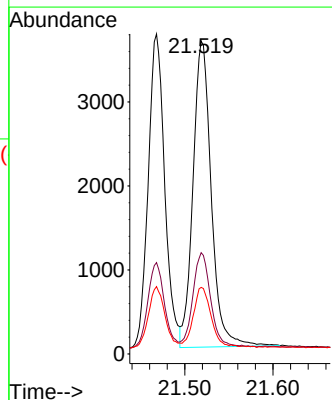
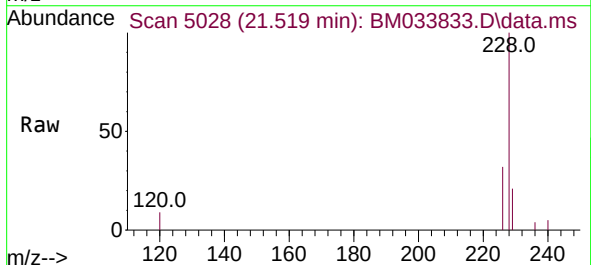
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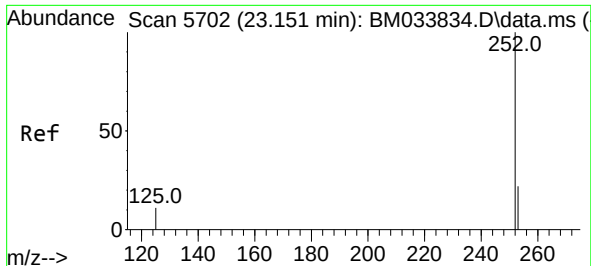
Tgt Ion:228 Resp: 4899
Ion Ratio Lower Upper
228 100
229 21.1 17.3 25.9
226 28.5 23.2 34.8



#22
Chrysene
Concen: 0.208 ng/ul
RT: 21.519 min Scan# 5028
Delta R.T. -0.002 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

Tgt Ion:228 Resp: 5252
Ion Ratio Lower Upper
228 100
226 32.4 25.8 38.8
229 21.3 16.7 25.1

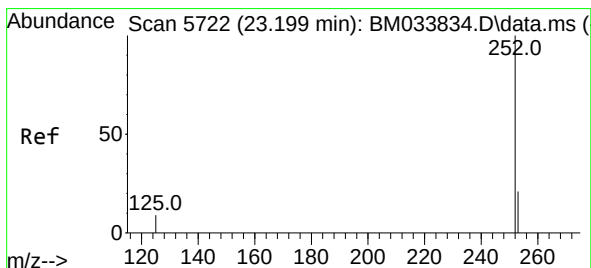
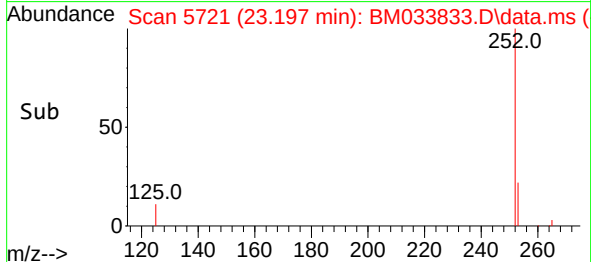
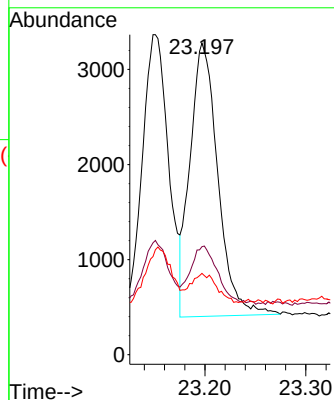
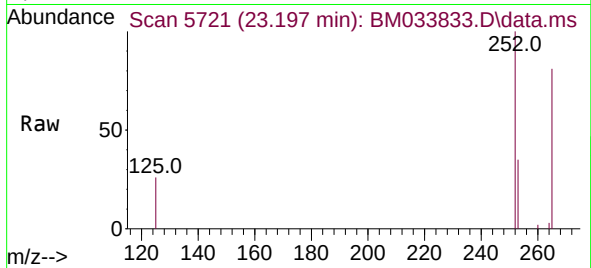




#24
Benzo(b)fluoranthene
Concen: 0.206 ng/ul
RT: 23.197 min Scan# 5702
Delta R.T. 0.046 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

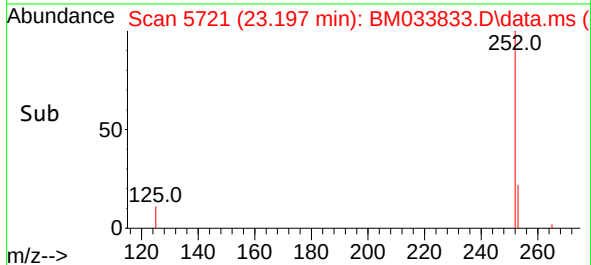
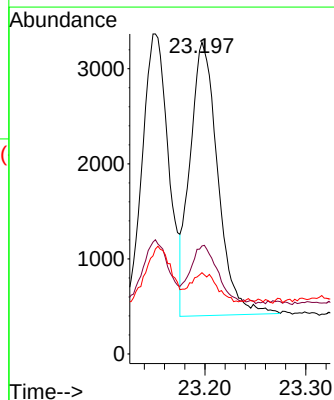
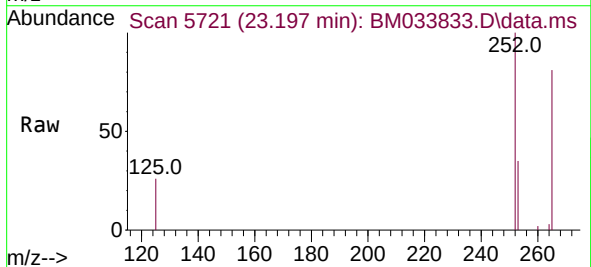
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

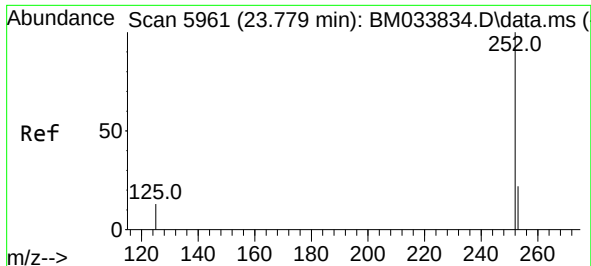
Tgt Ion:252 Resp: 5510
Ion Ratio Lower Upper
252 100
253 34.7 0.0 64.2
125 26.1 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.210 ng/ul
RT: 23.197 min Scan# 5721
Delta R.T. -0.002 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

Tgt Ion:252 Resp: 5510
Ion Ratio Lower Upper
252 100
253 34.7 26.8 40.2
125 26.1 12.0 18.0#

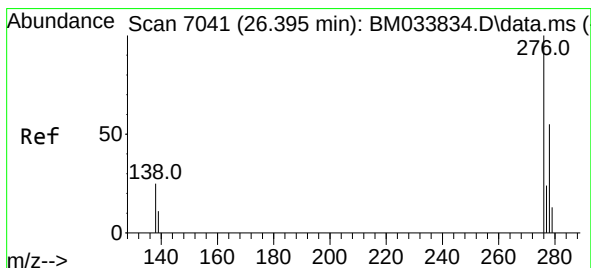
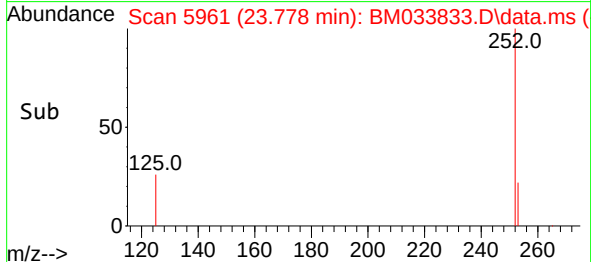
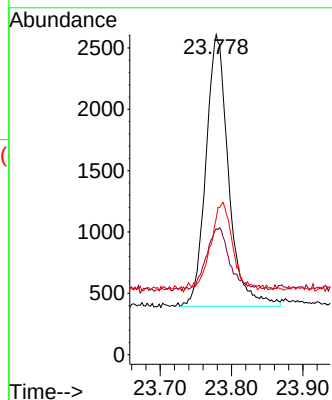
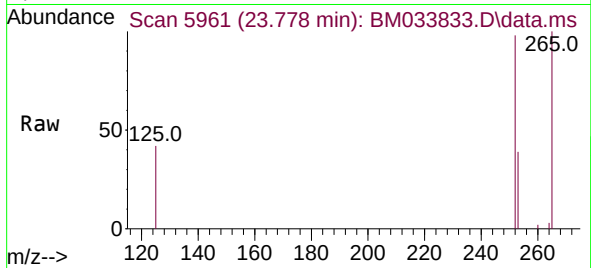




#26
Benzo(a)pyrene
Concen: 0.210 ng/ul
RT: 23.778 min Scan# 5961
Delta R.T. -0.000 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

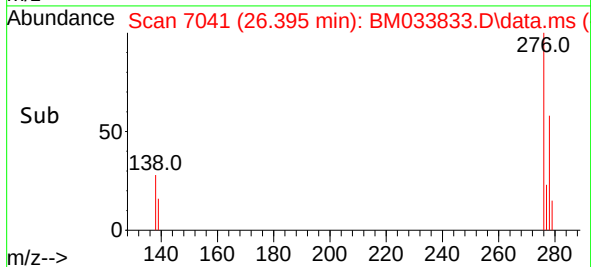
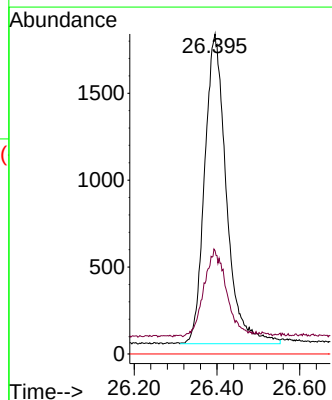
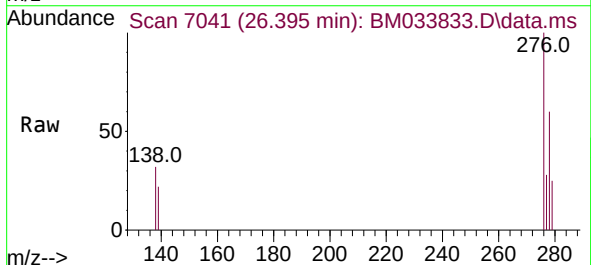
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

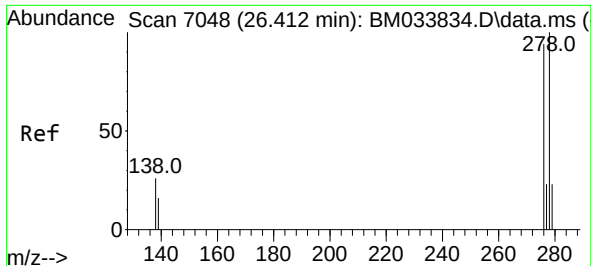
Tgt Ion:252 Resp: 4868
Ion Ratio Lower Upper
252 100
253 39.3 32.0 48.0
125 42.6 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng/ul
RT: 26.395 min Scan# 7041
Delta R.T. -0.000 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

Tgt Ion:276 Resp: 6491
Ion Ratio Lower Upper
276 100
138 29.6 15.8 23.6#
227 0.0 0.0 0.0

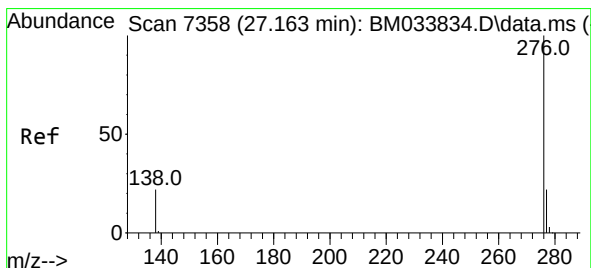
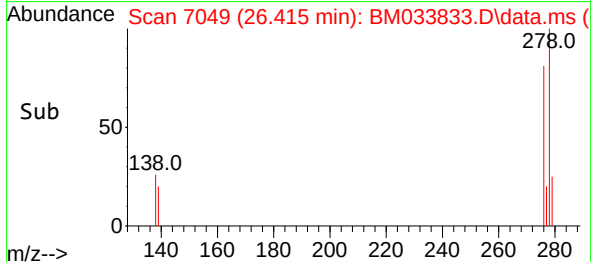
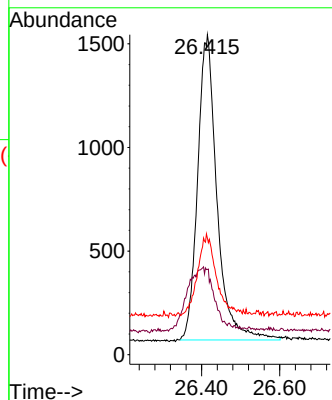
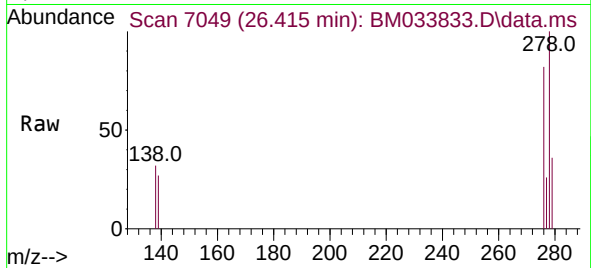




#28
Dibenzo(a,h)anthracene
Concen: 0.211 ng/ul
RT: 26.415 min Scan# 7048
Delta R.T. 0.002 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

Tgt Ion:278 Resp: 5058
Ion Ratio Lower Upper
278 100
139 26.7 18.0 27.0
279 36.4 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.209 ng/ul
RT: 27.161 min Scan# 7357
Delta R.T. -0.002 min
Lab File: BM033833.D
Acq: 24 Jan 2022 12:07

Tgt Ion:276 Resp: 5433
Ion Ratio Lower Upper
276 100
138 29.7 17.4 26.0#
277 27.8 22.6 33.8

