

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033823.D
 Acq On : 21 Jan 2022 14:09
 Operator : CG/JU
 Sample : PB142088BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS088

Quant Time: Jan 22 00:03:08 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 21 01:34:59 2022
 Response via : Initial Calibration

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

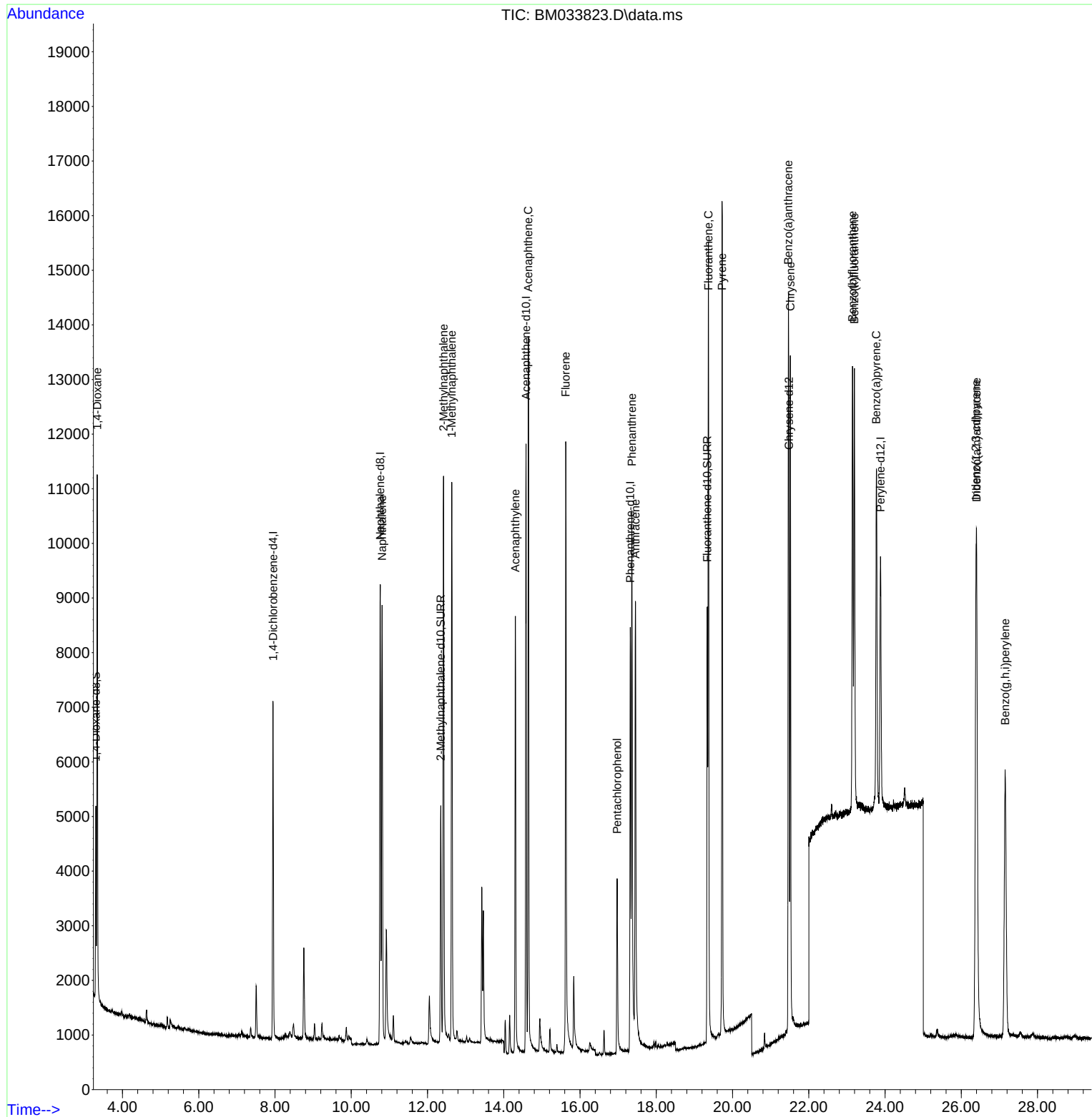
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	3060	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	11629	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.583	164	6037	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	10410	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	6719	0.400	ng/ul #	0.00
23) Perylene-d12	23.882	264	6814	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	2103	0.645	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	6030	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	8757	0.421	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.337	88	5649	1.589	ng/ul#	79
5) Naphthalene	10.810	128	11297	0.335	ng/ul#	89
7) 2-Methylnaphthalene	12.420	142	7605	0.351	ng/ul	99
8) 1-Methylnaphthalene	12.636	142	7351	0.346	ng/ul	99
10) Acenaphthylene	14.307	152	9855	0.353	ng/ul#	90
11) Acenaphthene	14.644	153	7752	0.348	ng/ul	95
12) Fluorene	15.626	166	8299	0.312	ng/ul#	97
14) Pentachlorophenol	16.972	266	2524	0.614	ng/ul	97
15) Phenanthrene	17.361	178	11883	0.353	ng/ul	95
16) Anthracene	17.455	178	11320	0.366	ng/ul	92
19) Fluoranthene	19.368	202	12870	0.408	ng/ul	99
20) Pyrene	19.726	202	13049	0.409	ng/ul#	94
21) Benzo(a)anthracene	21.465	228	10660	0.382	ng/ul	99
22) Chrysene	21.518	228	10934	0.383	ng/ul	99
24) Benzo(b)fluoranthene	23.146	252	11115	0.372	ng/ul	91
25) Benzo(k)fluoranthene	23.197	252	11292	0.386	ng/ul#	91
26) Benzo(a)pyrene	23.773	252	10107	0.389	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.387	276	13418	0.397	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.402	278	10693	0.398	ng/ul	95
29) Benzo(g,h,i)perylene	27.151	276	11458	0.395	ng/ul#	95

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

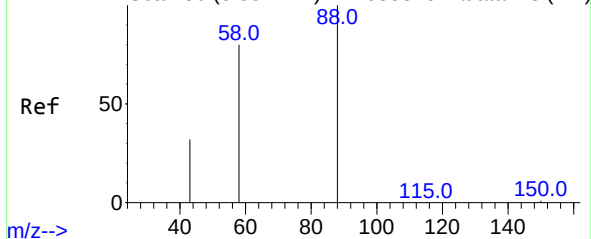
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033823.D
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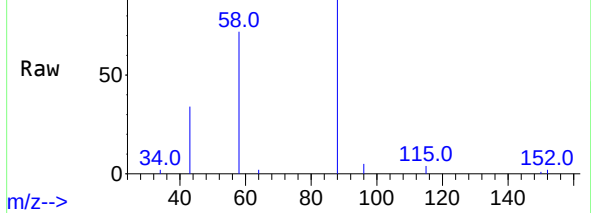


Abundance Scan 30 (3.337 min): BM033815.D\data.ms (-22)



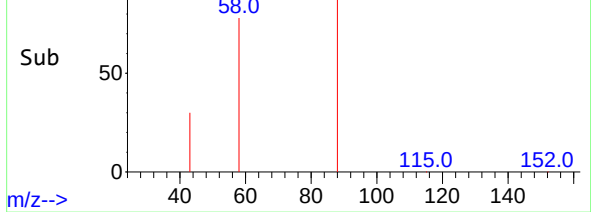
m/z-->

Abundance Scan 30 (3.337 min): BM033823.D\data.ms



m/z-->

Abundance Scan 30 (3.337 min): BM033823.D\data.ms (-16)



m/z-->

#2

1,4-Dioxane

Concen: 1.589 ng/ul

RT: 3.337 min Scan# 30

Delta R.T. 0.000 min

Lab File: BM033823.D

Acq: 21 Jan 2022 14:09

Instrument :

BNA_M

ClientSampleId :

SLCS088

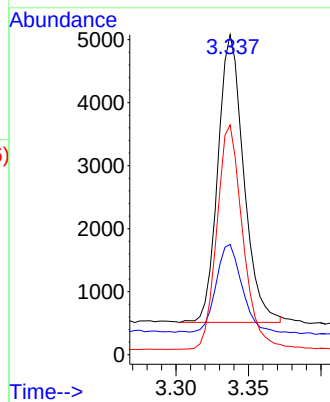
Tgt Ion: 88 Resp: 5649

Ion Ratio Lower Upper

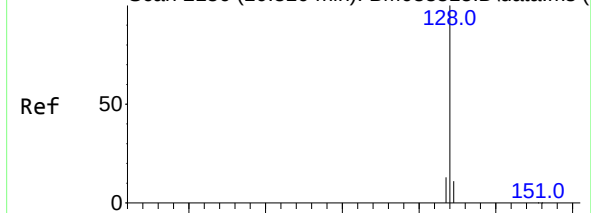
88 100

43 34.5 49.7 74.5#

58 71.8 52.5 78.7

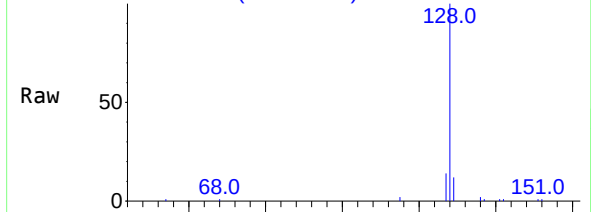


Abundance Scan 2136 (10.810 min): BM033815.D\data.ms (-16)



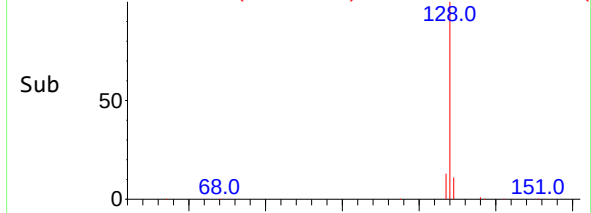
m/z-->

Abundance Scan 2136 (10.810 min): BM033823.D\data.ms



m/z-->

Abundance Scan 2136 (10.810 min): BM033823.D\data.ms (-16)



m/z-->

#5

Naphthalene

Concen: 0.335 ng/ul

RT: 10.810 min Scan# 2136

Delta R.T. -0.004 min

Lab File: BM033823.D

Acq: 21 Jan 2022 14:09

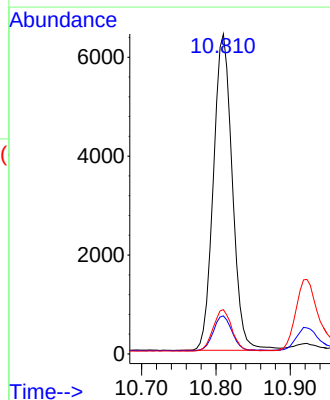
Tgt Ion:128 Resp: 11297

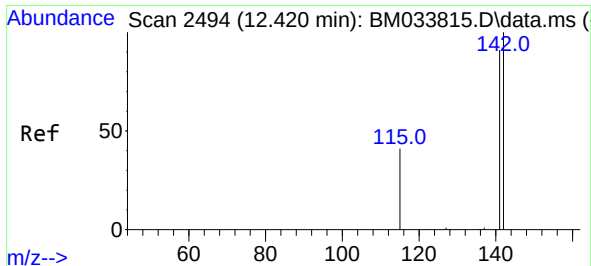
Ion Ratio Lower Upper

128 100

129 11.9 13.4 20.2#

127 13.8 15.2 22.8#

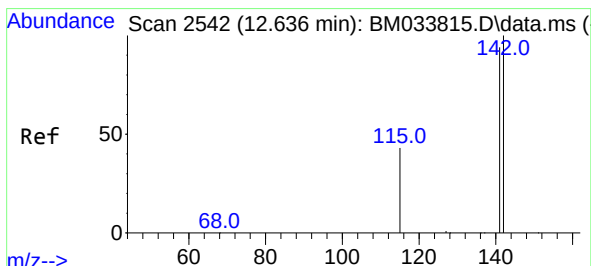
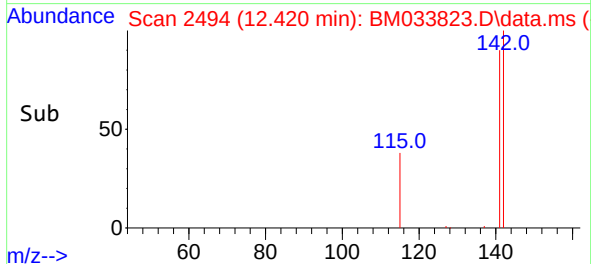
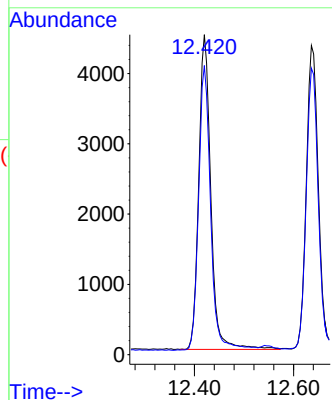
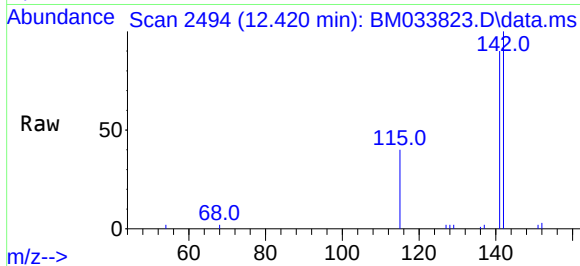




#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.420 min Scan# 2494
Delta R.T. -0.004 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

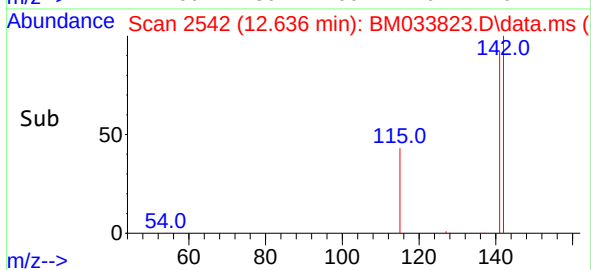
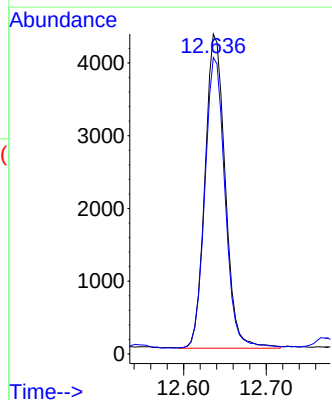
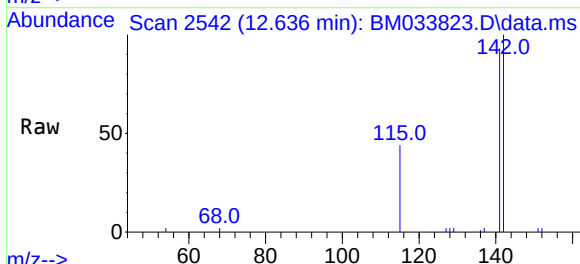
Instrument :
BNA_M
ClientSampleId :
SLCS088

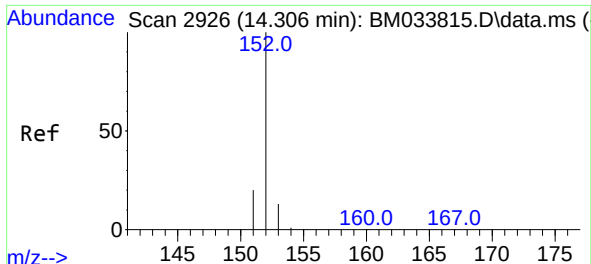
Tgt Ion:142 Resp: 7605
Ion Ratio Lower Upper
142 100
141 90.2 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.636 min Scan# 2542
Delta R.T. -0.004 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

Tgt Ion:142 Resp: 7351
Ion Ratio Lower Upper
142 100
141 92.3 75.0 112.4

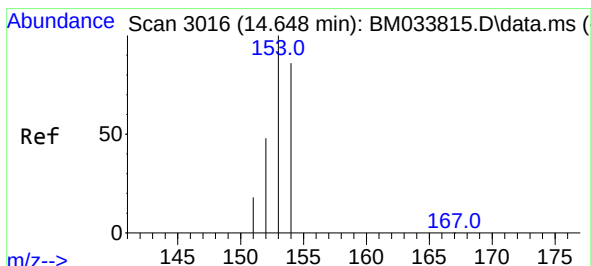
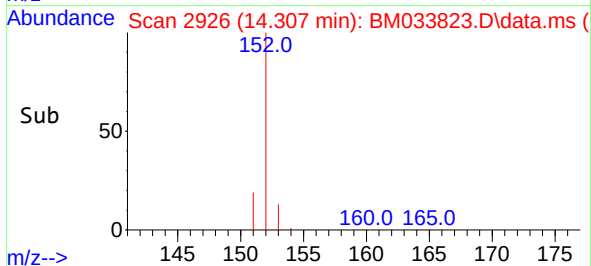
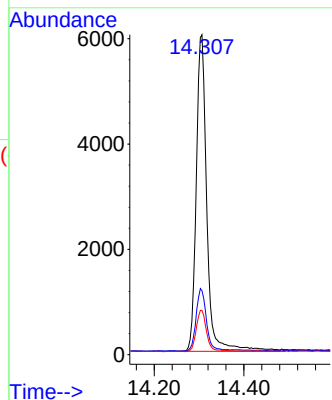
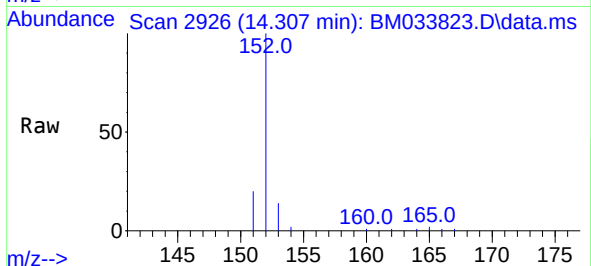




#10
Acenaphthylene
Concen: 0.353 ng/ul
RT: 14.307 min Scan# 2926
Delta R.T. -0.004 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

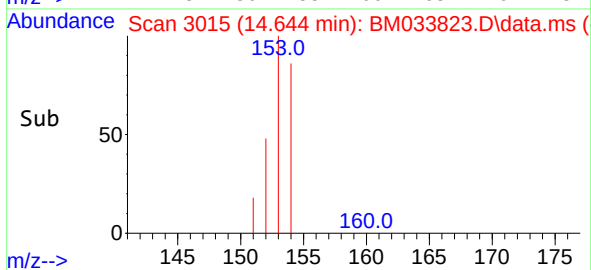
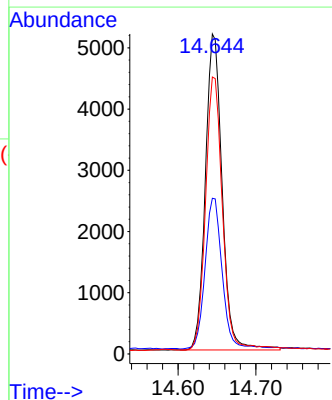
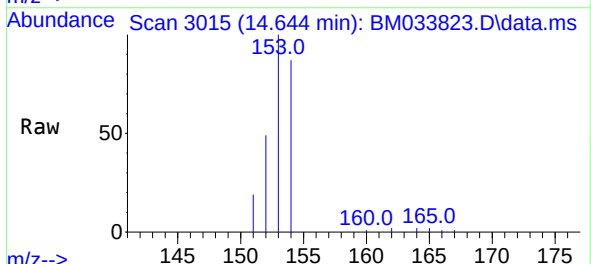
Instrument :
BNA_M
ClientSampleId :
SLCS088

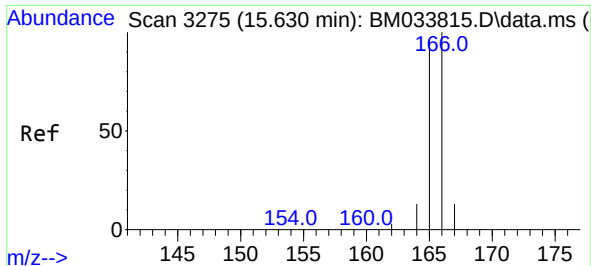
Tgt Ion:	152	Resp:	9855
Ion Ratio	Lower	Upper	
152	100		
151	20.0	19.9	29.9
153	13.8	15.0	22.4#



#11
Acenaphthene
Concen: 0.348 ng/ul
RT: 14.644 min Scan# 3015
Delta R.T. -0.008 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

Tgt Ion:	153	Resp:	7752
Ion Ratio	Lower	Upper	
153	100		
152	48.7	42.4	63.6
154	86.6	66.2	99.2

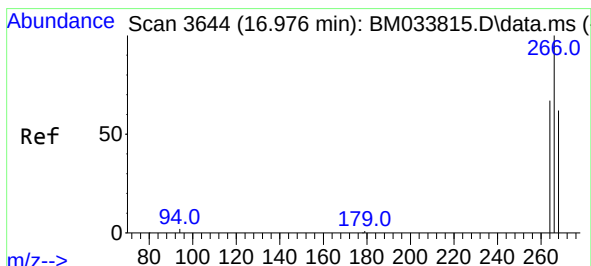
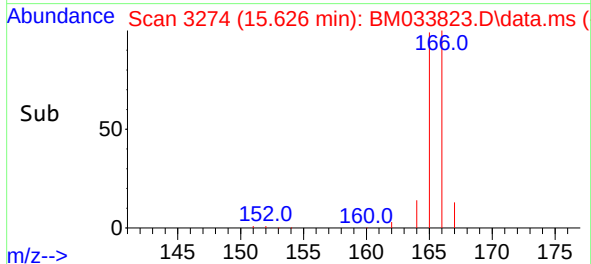
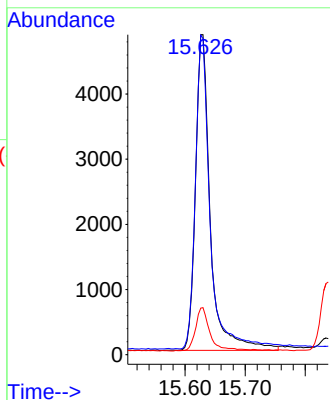
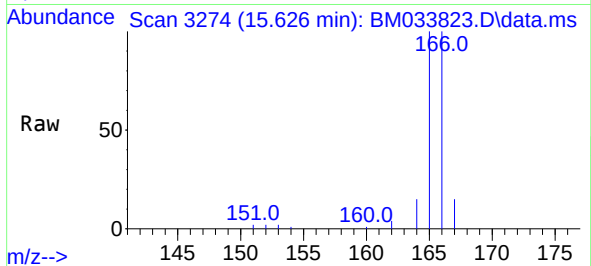




#12
Fluorene
Concen: 0.312 ng/ul
RT: 15.626 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

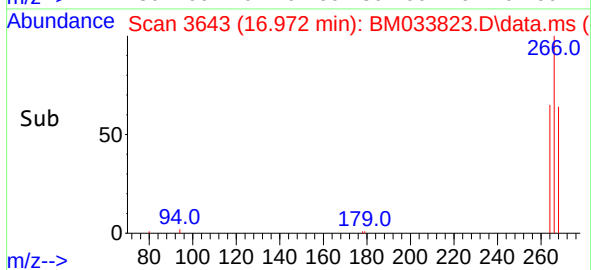
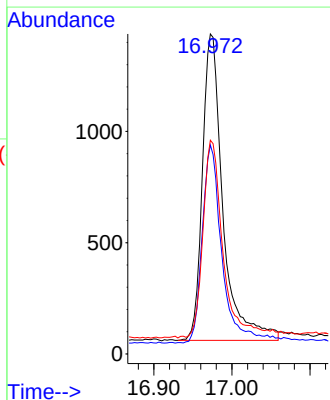
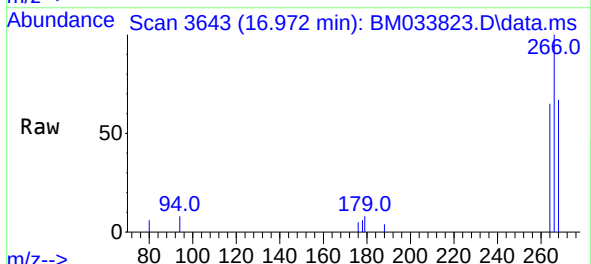
Instrument :
BNA_M
ClientSampleId :
SLCS088

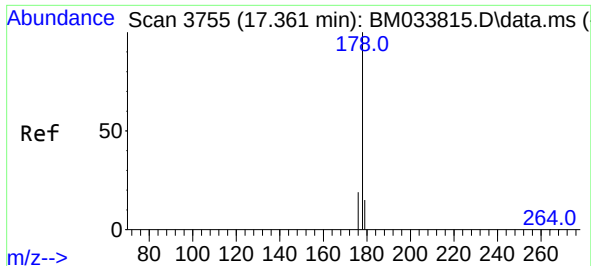
Tgt Ion:166 Resp: 8299
Ion Ratio Lower Upper
166 100
165 99.9 81.1 121.7
167 14.6 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.614 ng/ul
RT: 16.972 min Scan# 3643
Delta R.T. -0.003 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

Tgt Ion:266 Resp: 2524
Ion Ratio Lower Upper
266 100
264 62.0 51.4 77.0
268 63.7 53.1 79.7

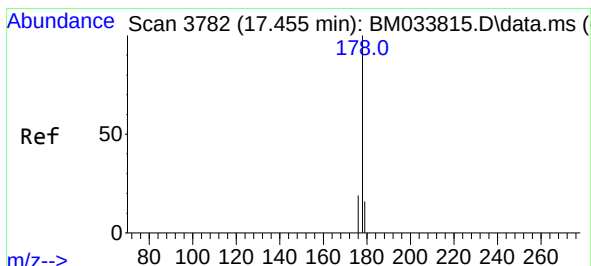
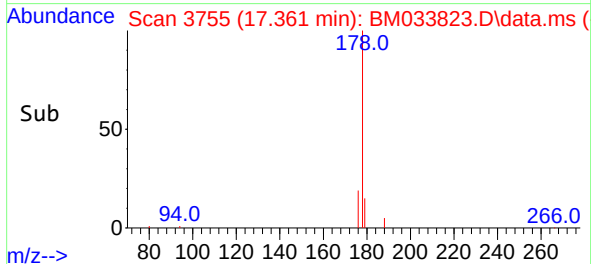
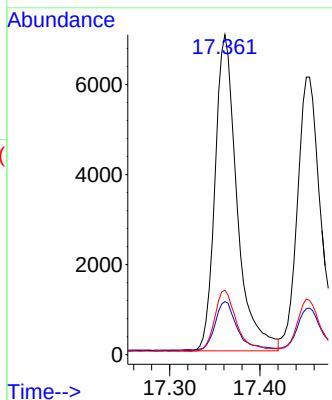
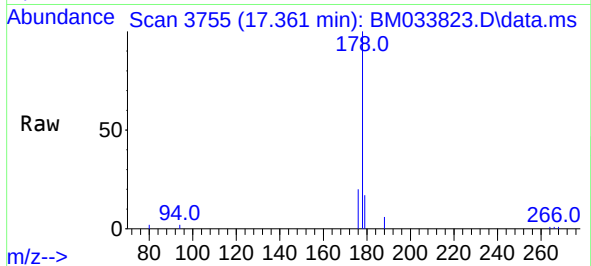




#15
Phenanthrene
Concen: 0.353 ng/u1
RT: 17.361 min Scan# 3755
Delta R.T. -0.003 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

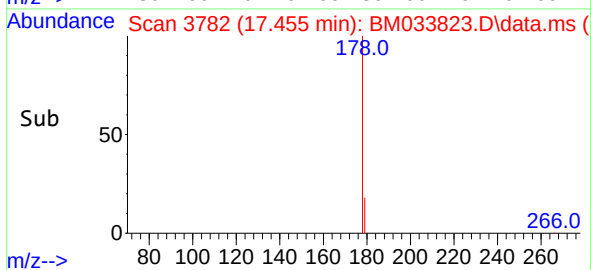
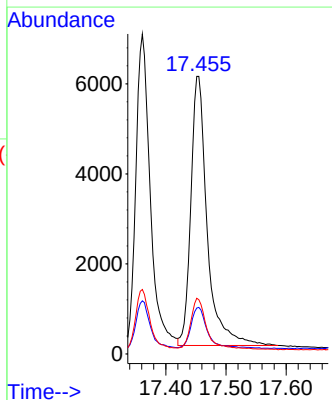
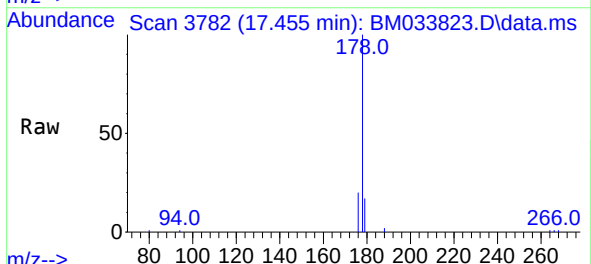
Instrument :
BNA_M
ClientSampleId :
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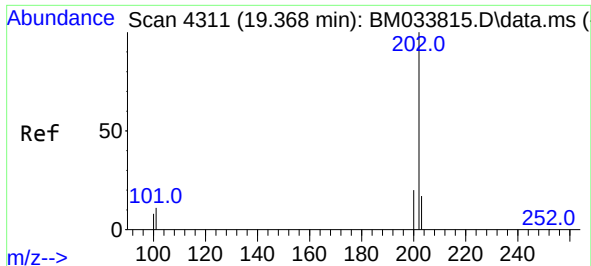
Tgt Ion:	178	Resp:	11883
Ion Ratio	Lower	Upper	
178	100		
179	16.6	15.0	22.6
176	20.1	17.9	26.9



#16
Anthracene
Concen: 0.366 ng/u1
RT: 17.455 min Scan# 3782
Delta R.T. 0.000 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

Tgt Ion:	178	Resp:	11320
Ion Ratio	Lower	Upper	
178	100		
179	16.8	16.5	24.7
176	19.6	18.3	27.5

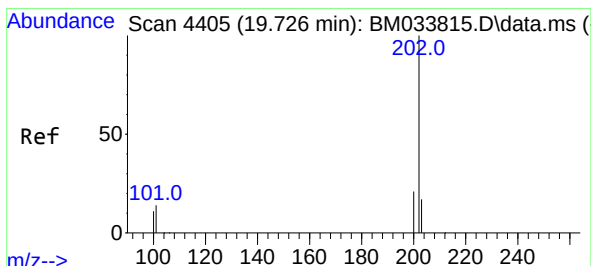
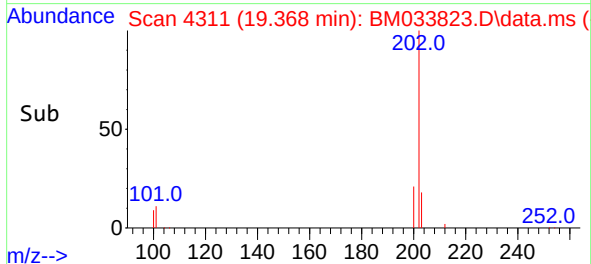
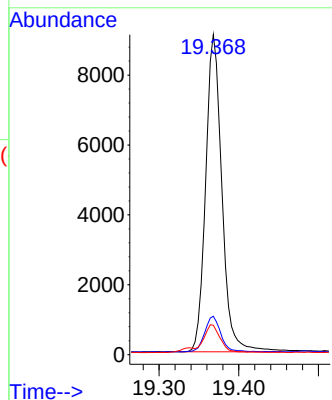
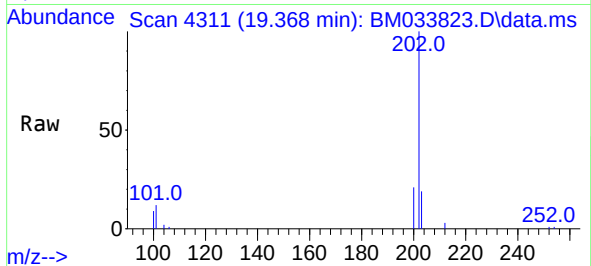




#19
Fluoranthene
Concen: 0.408 ng/u1
RT: 19.368 min Scan# 4311
Delta R.T. -0.004 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

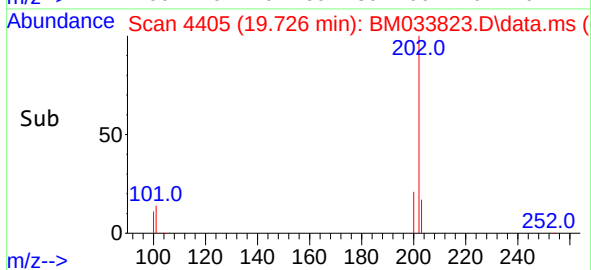
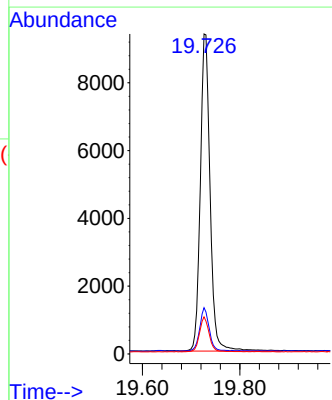
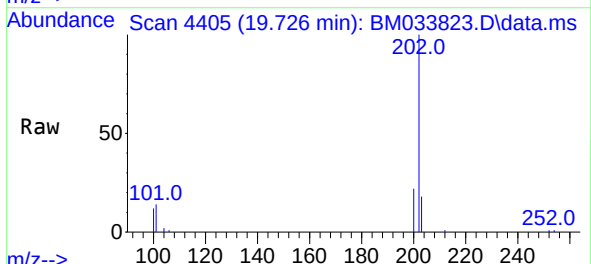
Instrument :
BNA_M
ClientSampleId :
SLCS088

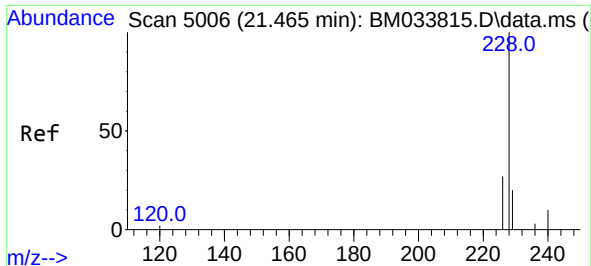
Tgt Ion:202 Resp: 12870
Ion Ratio Lower Upper
202 100
101 12.0 9.2 13.8
100 9.2 7.2 10.8



#20
Pyrene
Concen: 0.409 ng/u1
RT: 19.726 min Scan# 4405
Delta R.T. -0.008 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

Tgt Ion:202 Resp: 13049
Ion Ratio Lower Upper
202 100
101 14.5 9.3 13.9#
100 11.6 7.8 11.6

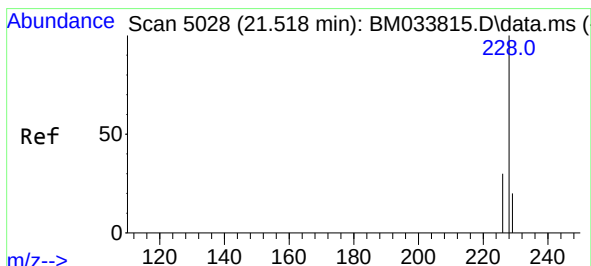
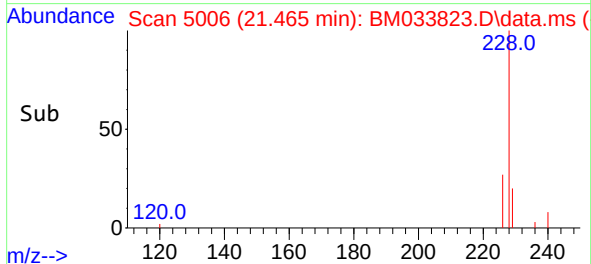
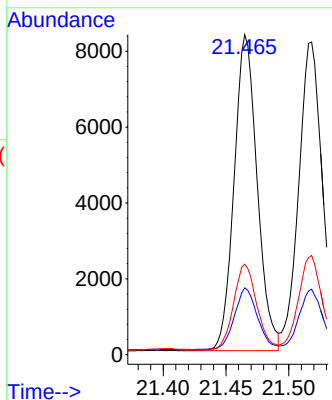
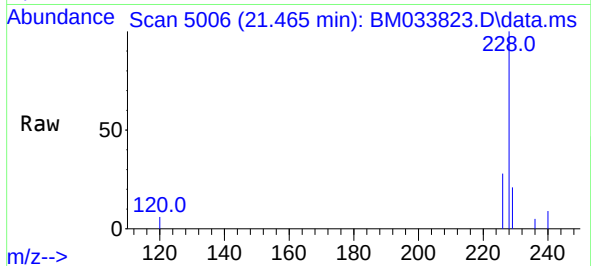




#21
Benzo(a)anthracene
Concen: 0.382 ng/ul
RT: 21.465 min Scan# 5006
Delta R.T. -0.005 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

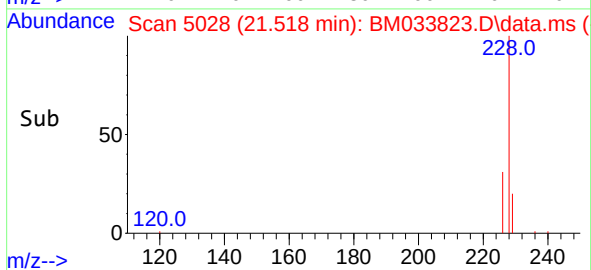
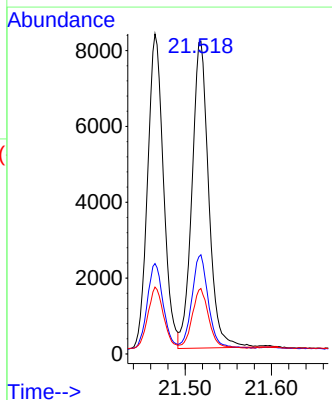
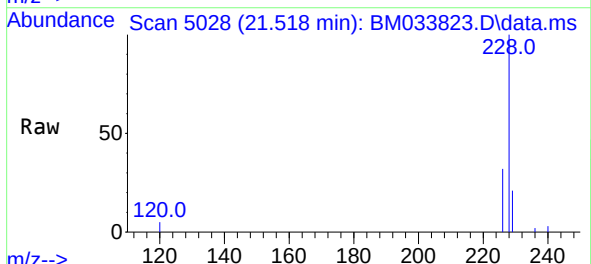
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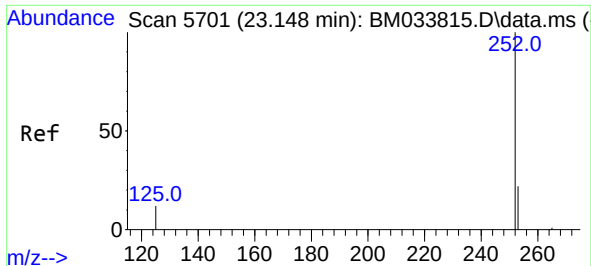
Tgt Ion:228	Resp:	10660
Ion Ratio	Lower	Upper
228	100	
229	20.9	17.3 25.9
226	28.3	23.2 34.8



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.518 min Scan# 5028
Delta R.T. -0.005 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

Tgt Ion:228	Resp:	10934
Ion Ratio	Lower	Upper
228	100	
226	31.7	25.8 38.8
229	20.9	16.7 25.1

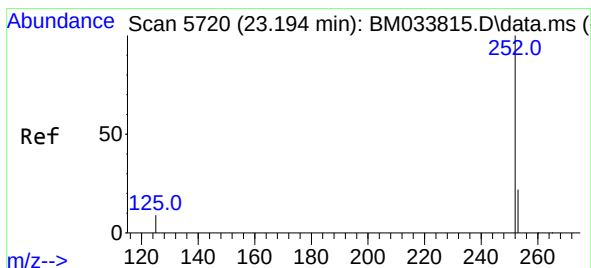
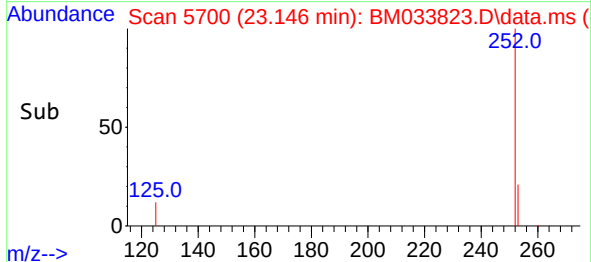
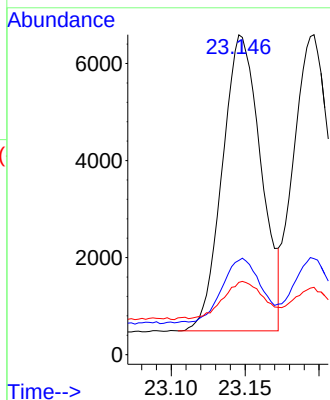
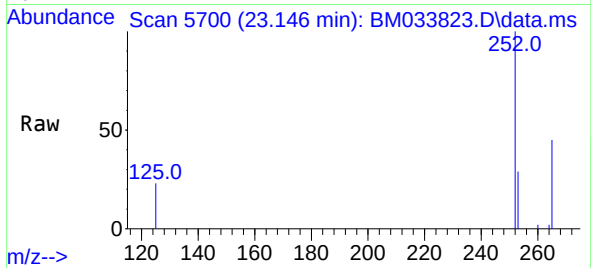




#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 23.146 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

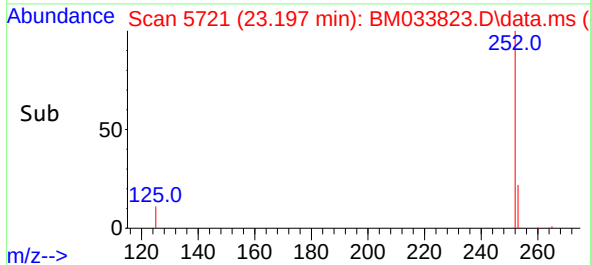
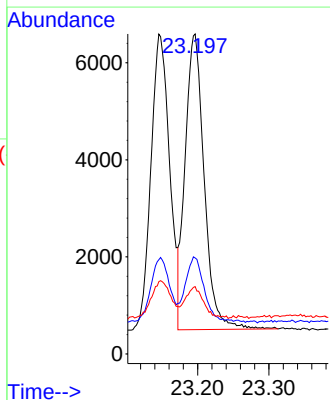
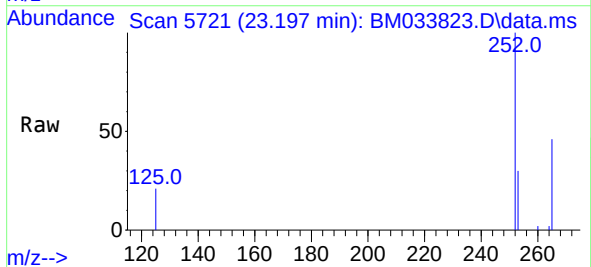
Instrument :
BNA_M
ClientSampleId :
SLCS088

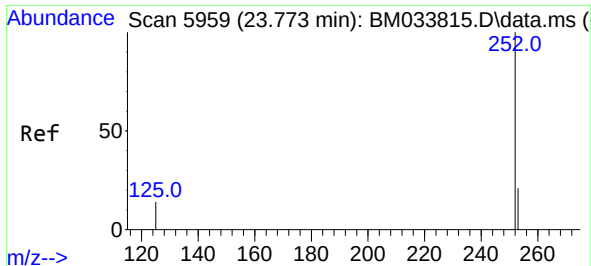
Tgt Ion:252 Resp: 11115
Ion Ratio Lower Upper
252 100
253 29.5 0.0 64.2
125 22.6 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.197 min Scan# 5721
Delta R.T. -0.005 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

Tgt Ion:252 Resp: 11292
Ion Ratio Lower Upper
252 100
253 30.0 26.8 40.2
125 21.0 12.0 18.0#

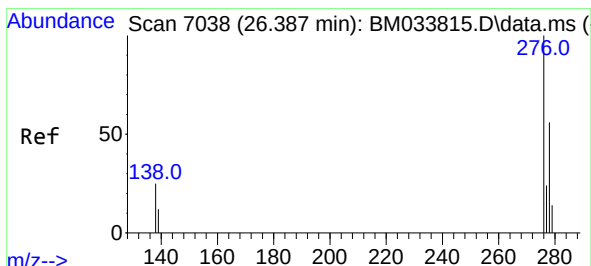
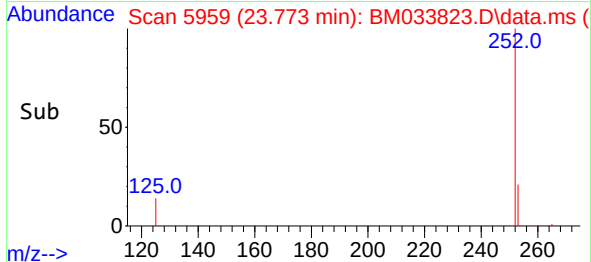
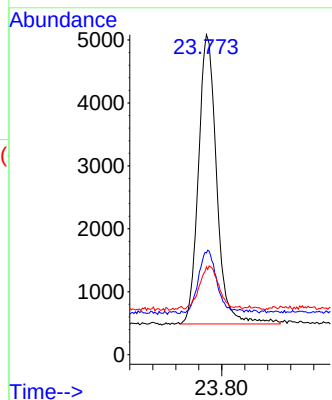
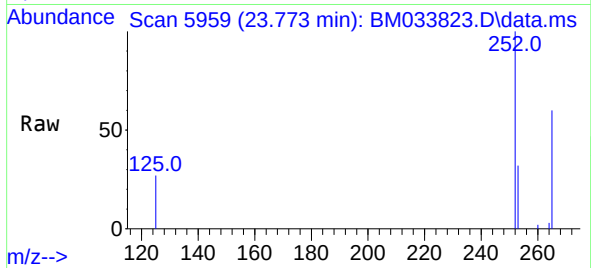




#26
Benzo(a)pyrene
Concen: 0.389 ng/ul
RT: 23.773 min Scan# 5959
Delta R.T. -0.007 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

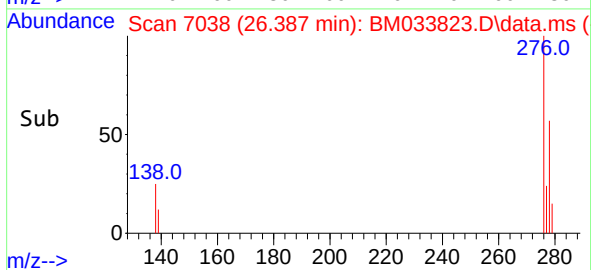
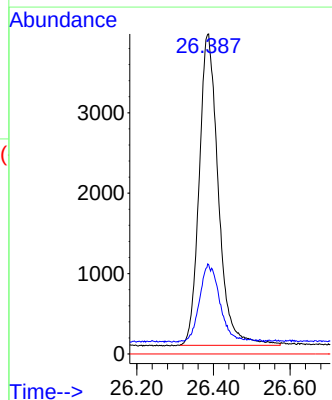
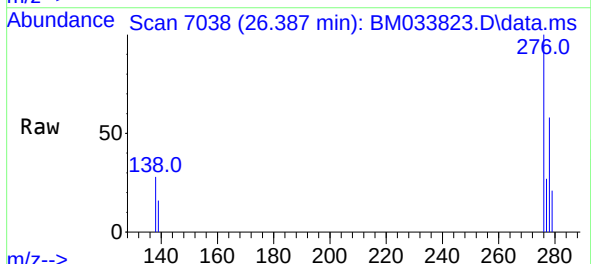
Instrument :
BNA_M
ClientSampleId :
SLCS088

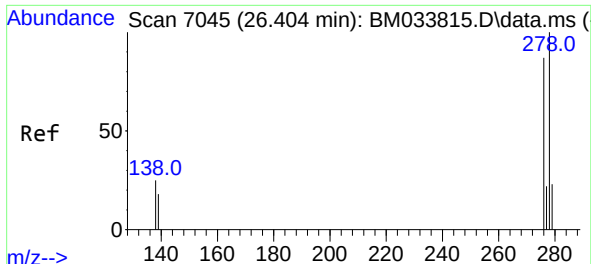
Tgt Ion:	252	Resp:	10107
Ion Ratio	Lower	Upper	
252	100		
253	31.8	32.0	48.0#
125	27.5	14.5	21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/ul
RT: 26.387 min Scan# 7038
Delta R.T. -0.010 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

Tgt Ion:	276	Resp:	13418
Ion Ratio	Lower	Upper	
276	100		
138	25.3	15.8	23.6#
227	0.0	0.0	0.0

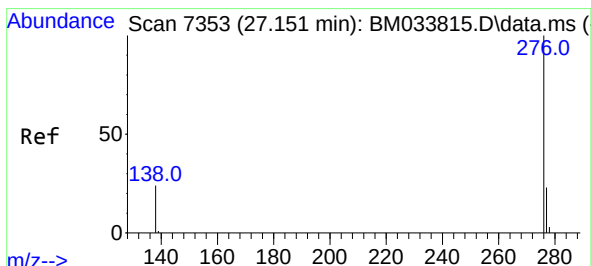
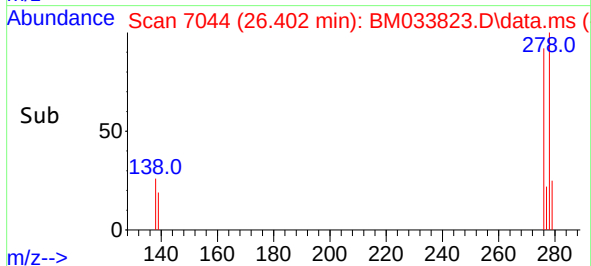
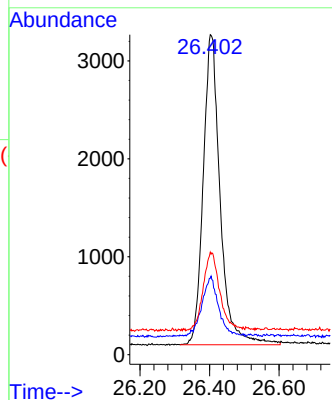
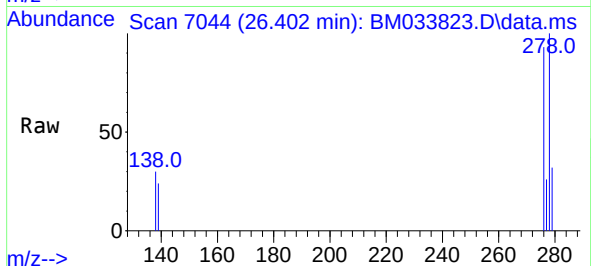




#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.402 min Scan# 7044
Delta R.T. -0.017 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

Instrument :
BNA_M
ClientSampleId :
SLCS088

Tgt Ion:278 Resp: 10693
Ion Ratio Lower Upper
278 100
139 23.8 18.0 27.0
279 32.0 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 27.151 min Scan# 7353
Delta R.T. -0.017 min
Lab File: BM033823.D
Acq: 21 Jan 2022 14:09

Tgt Ion:276 Resp: 11458
Ion Ratio Lower Upper
276 100
138 26.7 17.4 26.0#
277 27.5 22.6 33.8

