

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012622\
 Data File : BM033890.D
 Acq On : 27 Jan 2022 03:28
 Operator : CG/JU
 Sample : PB142281BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS281

Quant Time: Jan 27 04:26:38 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 15:20:03 2022
 Response via : Initial Calibration

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

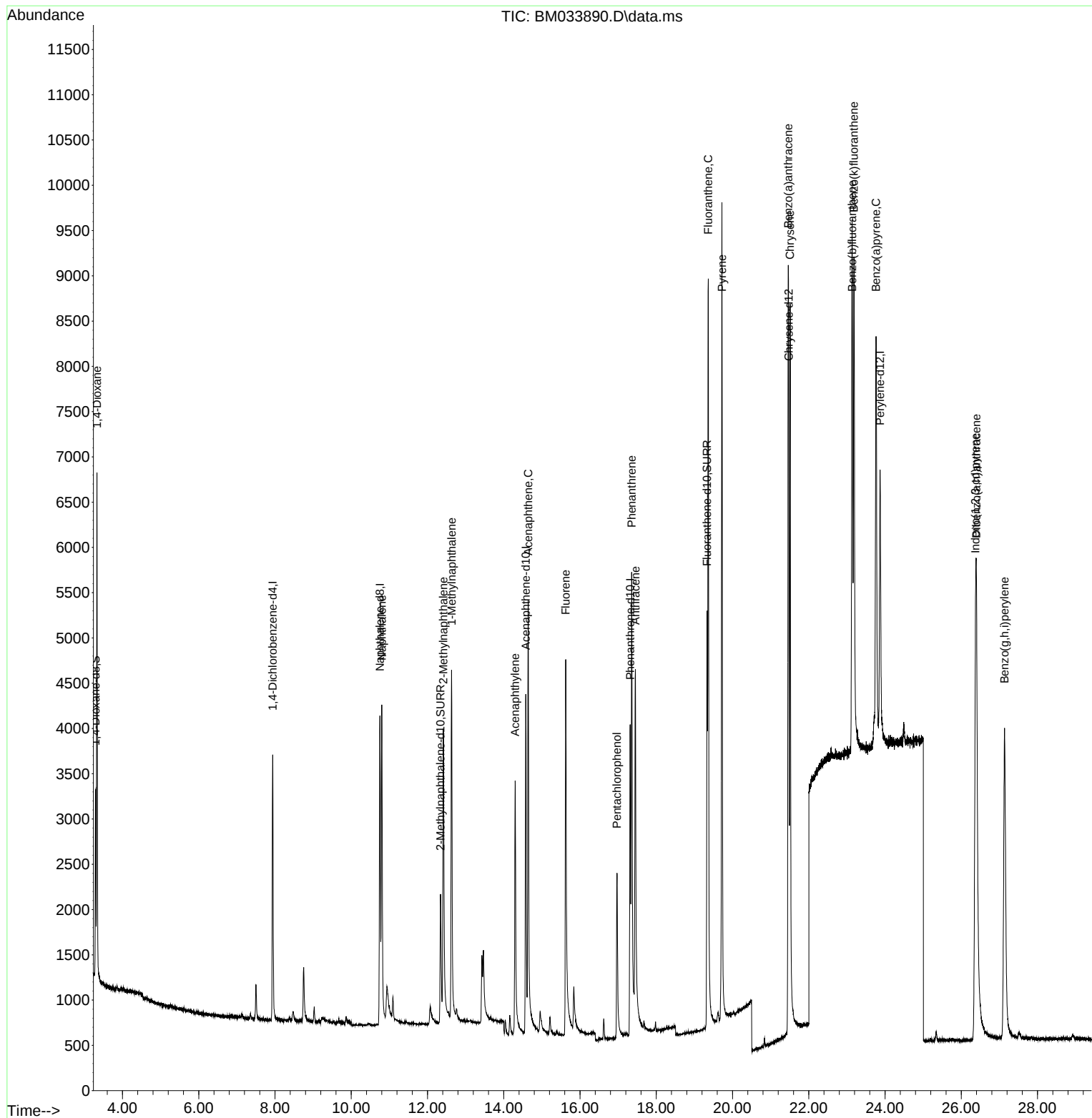
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	1594	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	5421	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	2457	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	5214	0.400	ng/ul	0.00
17) Chrysene-d12	21.475	240	4637	0.400	ng/ul	# 0.00
23) Perylene-d12	23.870	264	4698	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	1213	0.728	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	2669	0.357	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	5689	0.398	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.330	88	3286	1.884	ng/ul#	79
5) Naphthalene	10.801	128	5356	0.360	ng/ul#	90
7) 2-Methylnaphthalene	12.416	142	3244	0.335	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	3138	0.331	ng/ul	99
10) Acenaphthylene	14.299	152	4562	0.415	ng/ul	95
11) Acenaphthene	14.640	153	3316	0.377	ng/ul	96
12) Fluorene	15.626	166	3904	0.389	ng/ul	99
14) Pentachlorophenol	16.969	266	1650	0.689	ng/ul	98
15) Phenanthrene	17.354	178	6503	0.392	ng/ul	96
16) Anthracene	17.451	178	5909	0.380	ng/ul	95
19) Fluoranthene	19.364	202	8118	0.384	ng/ul	99
20) Pyrene	19.723	202	8441	0.390	ng/ul	95
21) Benzo(a)anthracene	21.460	228	7087	0.374	ng/ul	99
22) Chrysene	21.511	228	8367	0.416	ng/ul	98
24) Benzo(b)fluoranthene	23.136	252	8318	0.394	ng/ul	93
25) Benzo(k)fluoranthene	23.185	252	8845	0.418	ng/ul#	93
26) Benzo(a)pyrene	23.766	252	8165	0.446	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.373	276	9968	0.410	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.400	278	7911	0.412	ng/ul	93
29) Benzo(g,h,i)perylene	27.134	276	8872	0.429	ng/ul	95

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

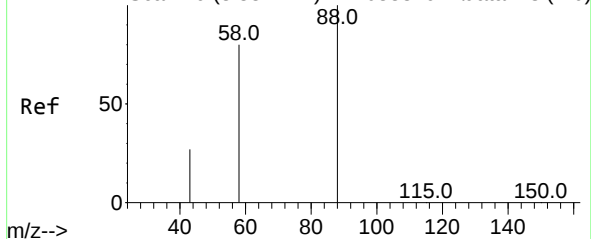
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012622\
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Abundance Scan 29 (3.334 min): BM033879.D\data.ms (-20)



#2

1,4-Dioxane

Concen: 1.884 ng/ul

RT: 3.330 min Scan# 21

Delta R.T. -0.003 min

Lab File: BM033890.D

Acq: 27 Jan 2022 03:28

Instrument :

BNA_M

ClientSampleId :

SLCS281

Tgt Ion: 88 Resp: 3286

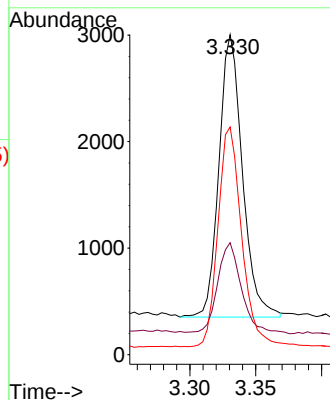
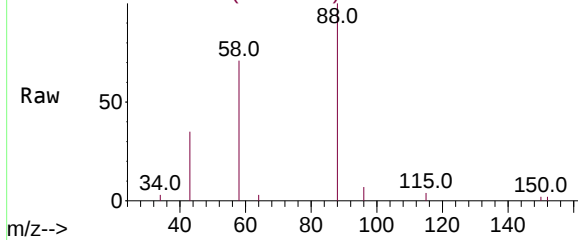
Ion Ratio Lower Upper

88 100

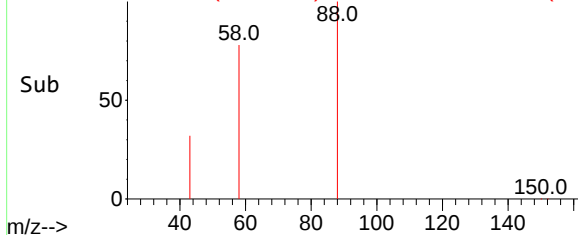
43 35.0 49.7 74.5#

58 71.2 52.5 78.7

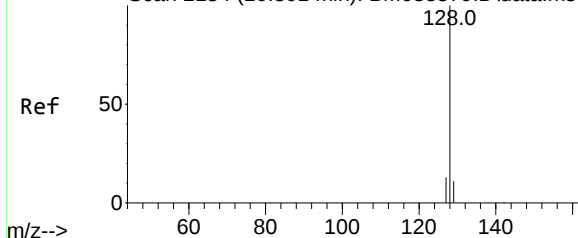
Abundance Scan 28 (3.330 min): BM033890.D\data.ms



Abundance Scan 28 (3.330 min): BM033890.D\data.ms (-15)



Abundance Scan 2134 (10.801 min): BM033879.D\data.ms (-20)



#5

Napthalene

Concen: 0.360 ng/ul

RT: 10.801 min Scan# 2134

Delta R.T. -0.004 min

Lab File: BM033890.D

Acq: 27 Jan 2022 03:28

Tgt Ion:128 Resp: 5356

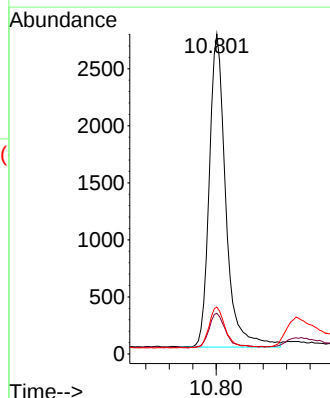
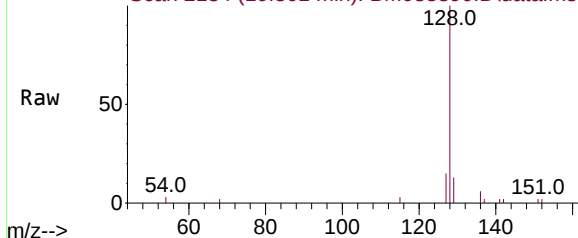
Ion Ratio Lower Upper

128 100

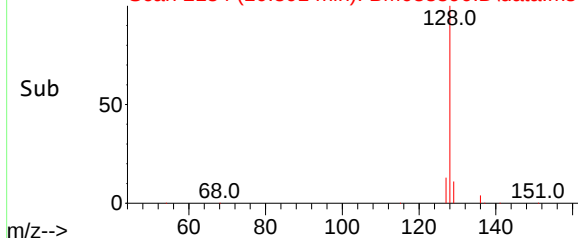
129 12.7 13.4 20.2#

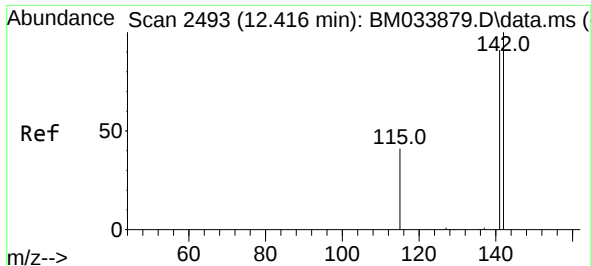
127 14.7 15.2 22.8#

Abundance Scan 2134 (10.801 min): BM033890.D\data.ms



Abundance Scan 2134 (10.801 min): BM033890.D\data.ms (-15)

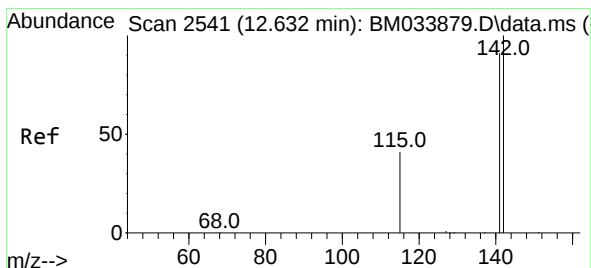
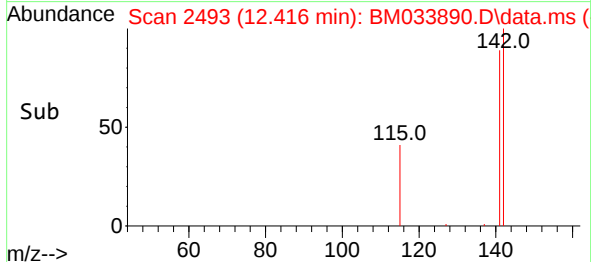
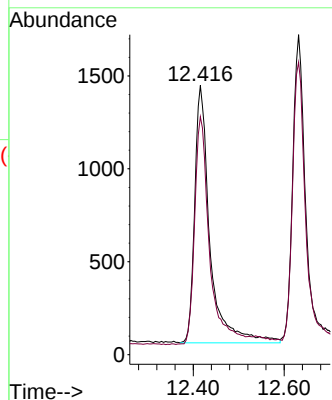
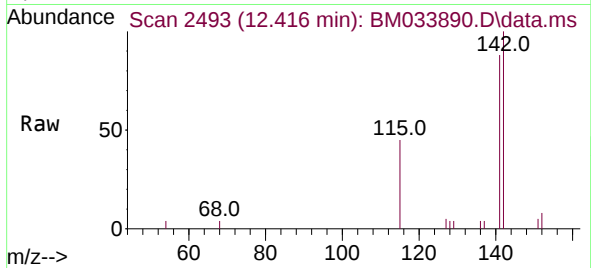




#7
2-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.416 min Scan# 2493
Delta R.T. -0.004 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

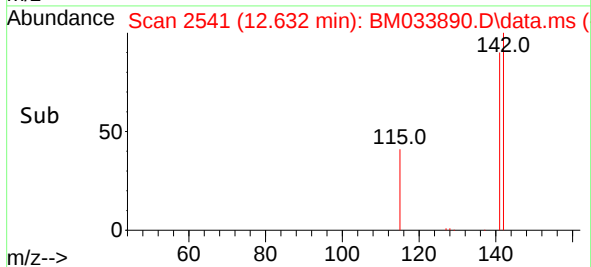
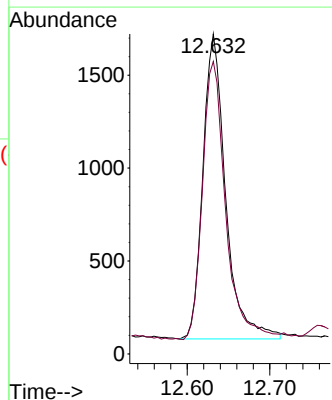
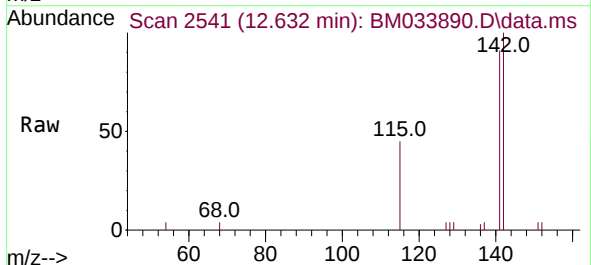
Instrument :
BNA_M
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SLCS281

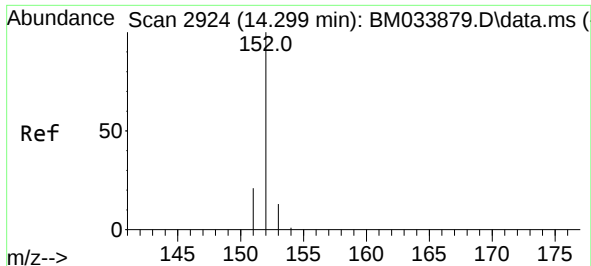
Tgt Ion:142 Resp: 3244
Ion Ratio Lower Upper
142 100
141 90.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.632 min Scan# 2541
Delta R.T. -0.004 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

Tgt Ion:142 Resp: 3138
Ion Ratio Lower Upper
142 100
141 92.7 75.0 112.4

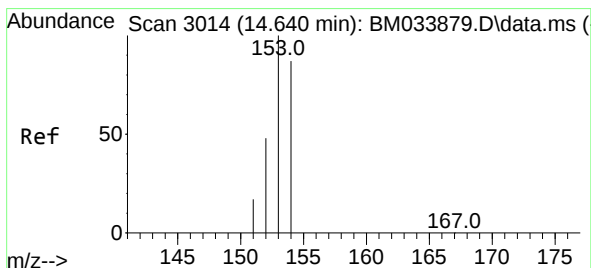
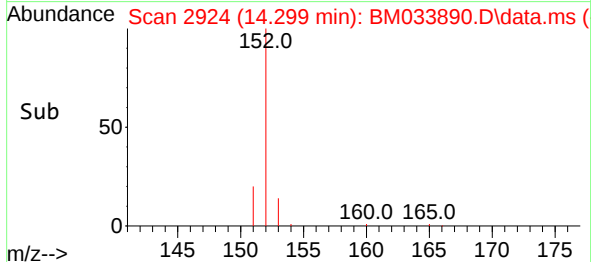
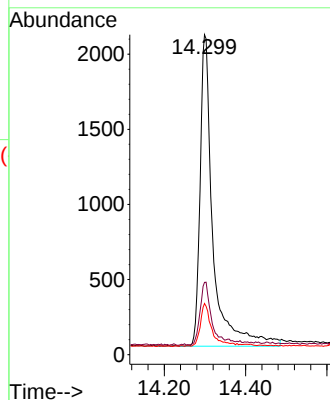
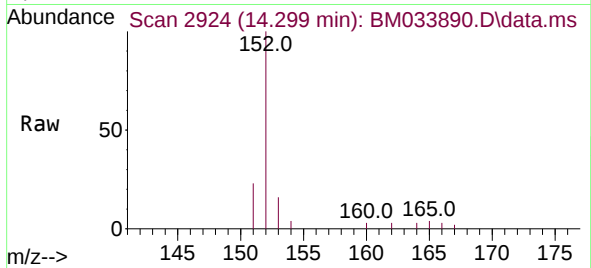




#10
Acenaphthylene
Concen: 0.415 ng/ul
RT: 14.299 min Scan# 2924
Delta R.T. -0.004 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

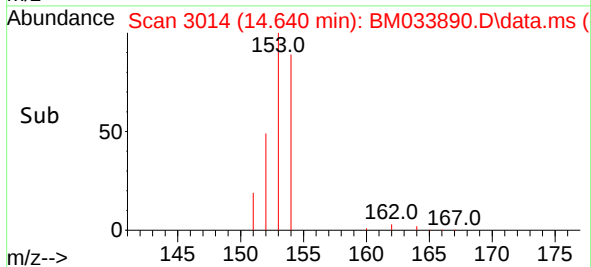
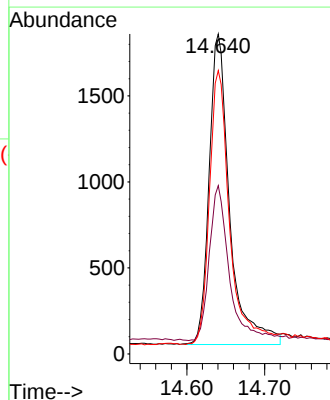
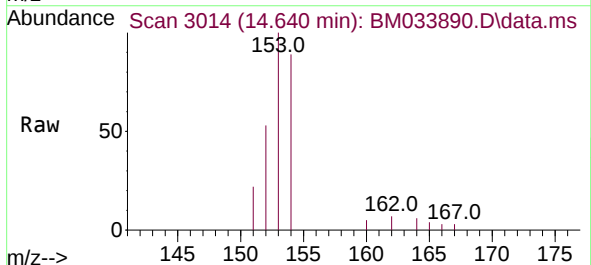
Instrument :
BNA_M
ClientSampleId :
SLCS281

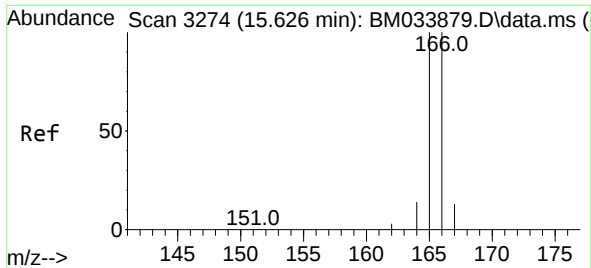
Tgt Ion:	152	Resp:	4562
Ion Ratio	Lower	Upper	
152	100		
151	22.6	19.9	29.9
153	16.0	15.0	22.4



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.640 min Scan# 3014
Delta R.T. -0.004 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

Tgt Ion:	153	Resp:	3316
Ion Ratio	Lower	Upper	
153	100		
152	52.6	42.4	63.6
154	88.5	66.2	99.2

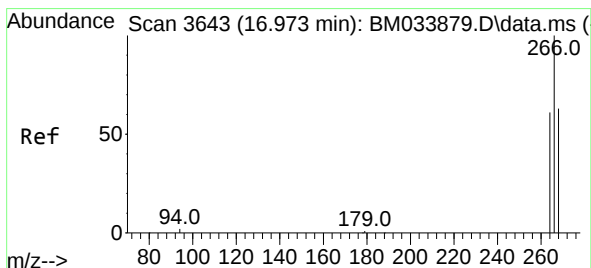
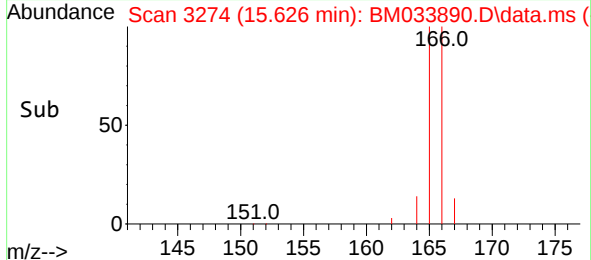
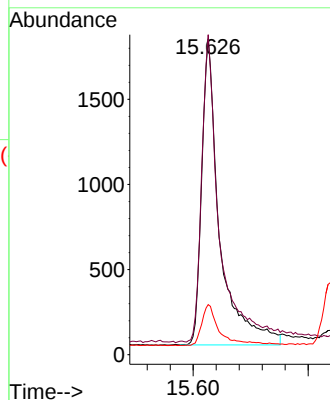
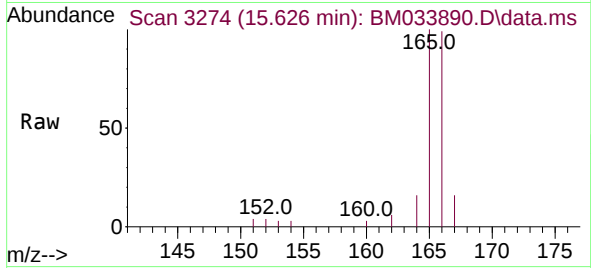




#12
Fluorene
Concen: 0.389 ng/ul
RT: 15.626 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

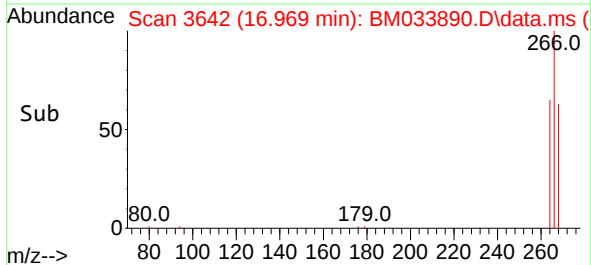
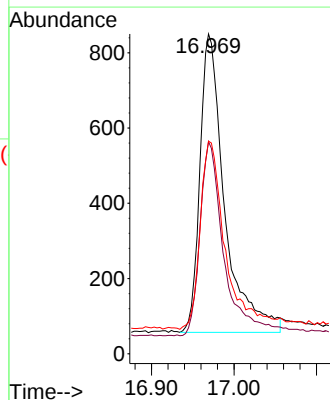
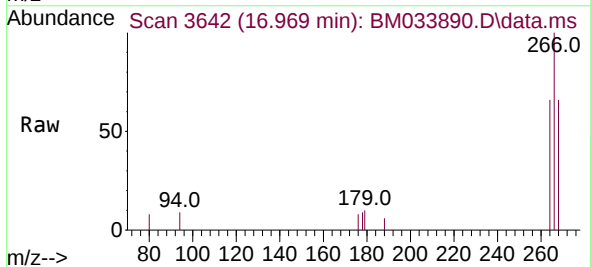
Instrument :
BNA_M
ClientSampleId :
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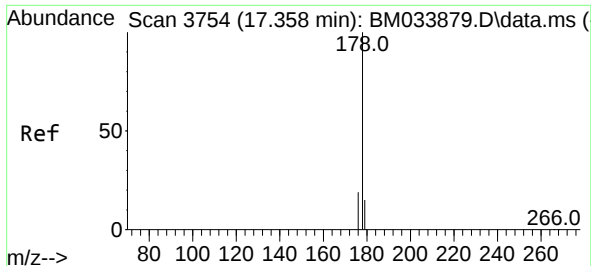
Tgt Ion:166 Resp: 3904
Ion Ratio Lower Upper
166 100
165 101.2 81.1 121.7
167 15.9 14.9 22.3



#14
Pentachlorophenol
Concen: 0.689 ng/ul
RT: 16.969 min Scan# 3642
Delta R.T. -0.003 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

Tgt Ion:266 Resp: 1650
Ion Ratio Lower Upper
266 100
264 63.3 51.4 77.0
268 64.5 53.1 79.7

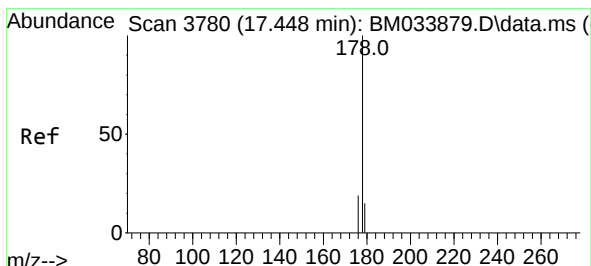
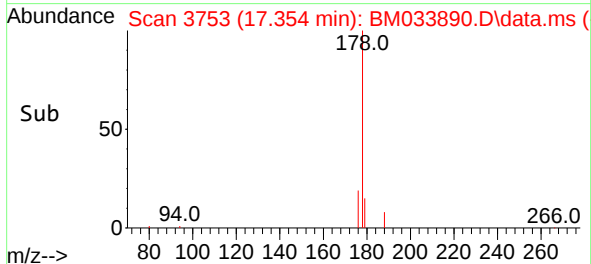
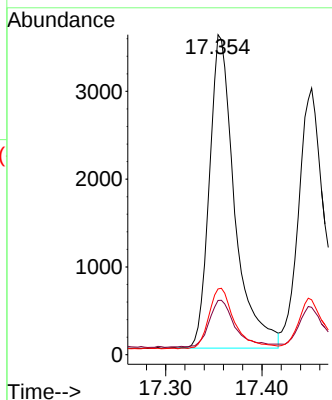
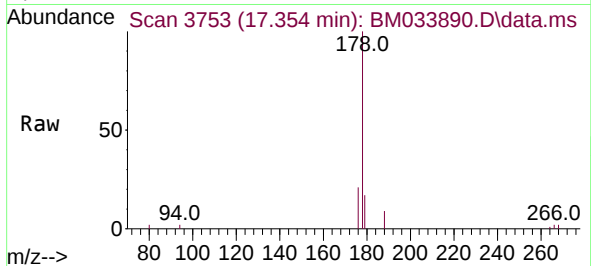




#15
Phenanthrene
Concen: 0.392 ng/u1
RT: 17.354 min Scan# 31
Delta R.T. -0.003 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

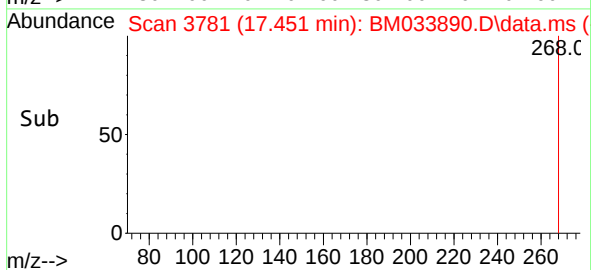
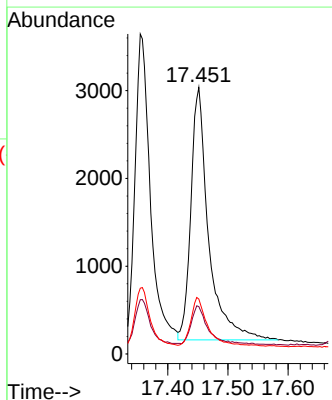
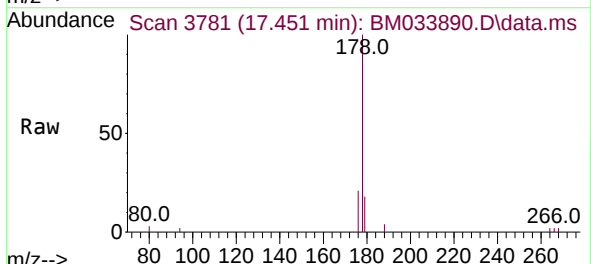
Instrument :
BNA_M
ClientSampleId :
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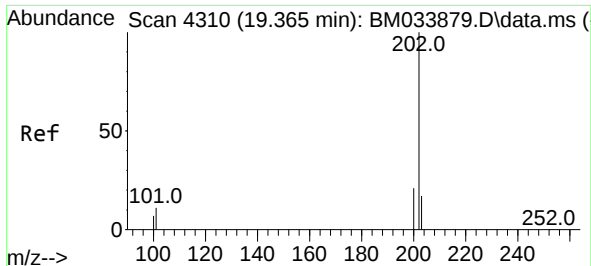
Tgt Ion:178 Resp: 6503
Ion Ratio Lower Upper
178 100
179 17.0 15.0 22.6
176 20.5 17.9 26.9



#16
Anthracene
Concen: 0.380 ng/u1
RT: 17.451 min Scan# 3781
Delta R.T. 0.000 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

Tgt Ion:178 Resp: 5909
Ion Ratio Lower Upper
178 100
179 17.8 16.5 24.7
176 20.6 18.3 27.5

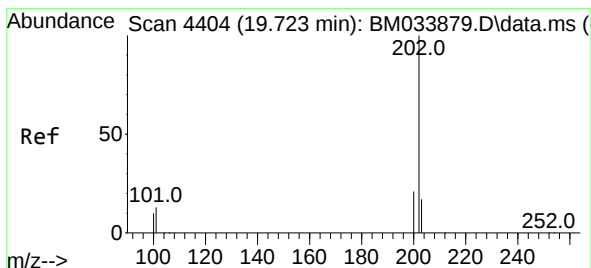
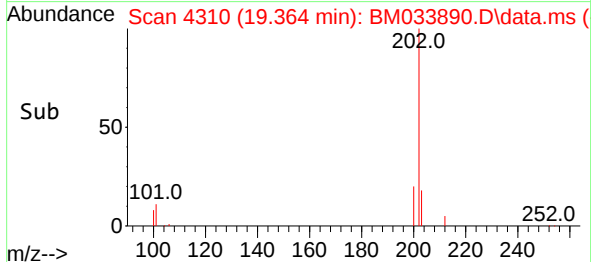
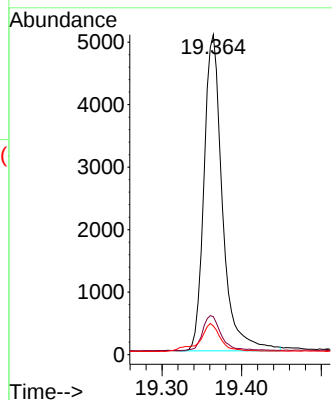
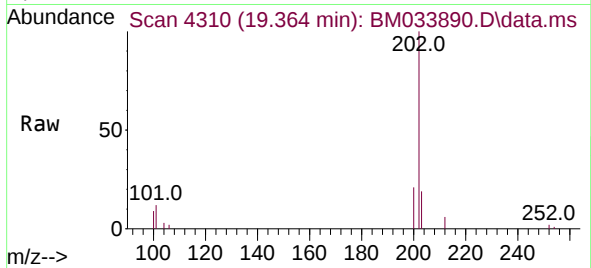




#19
Fluoranthene
Concen: 0.384 ng/ul
RT: 19.364 min Scan# 4310
Delta R.T. -0.004 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

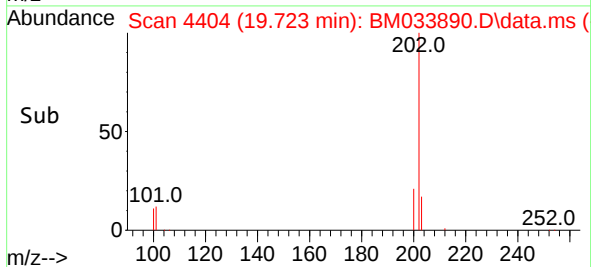
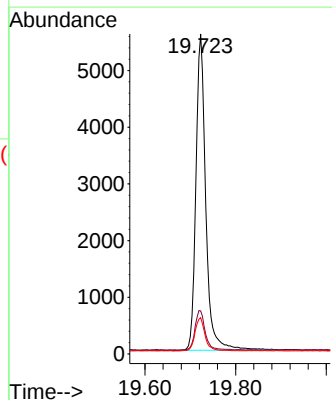
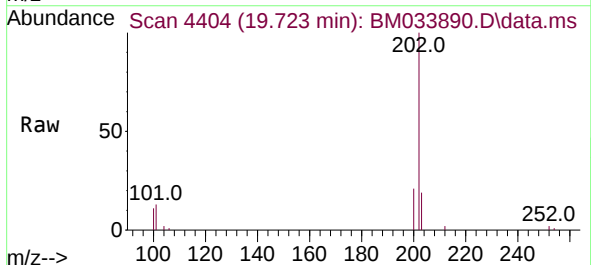
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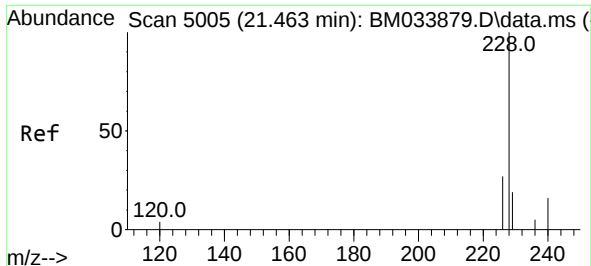
Tgt Ion:202 Resp: 8118
Ion Ratio Lower Upper
202 100
101 11.9 9.2 13.8
100 9.0 7.2 10.8



#20
Pyrene
Concen: 0.390 ng/ul
RT: 19.723 min Scan# 4404
Delta R.T. -0.004 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

Tgt Ion:202 Resp: 8441
Ion Ratio Lower Upper
202 100
101 13.5 9.3 13.9
100 11.3 7.8 11.6

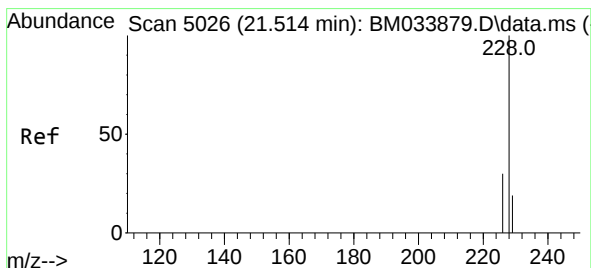
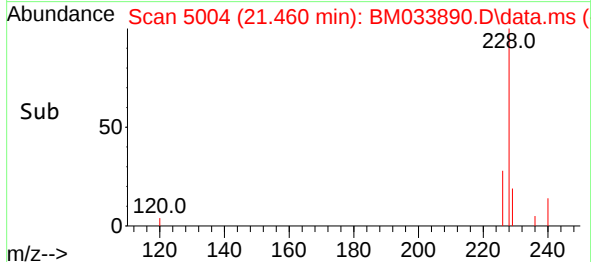
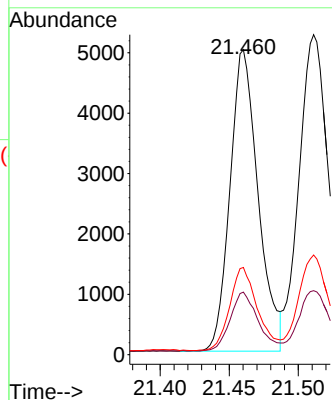
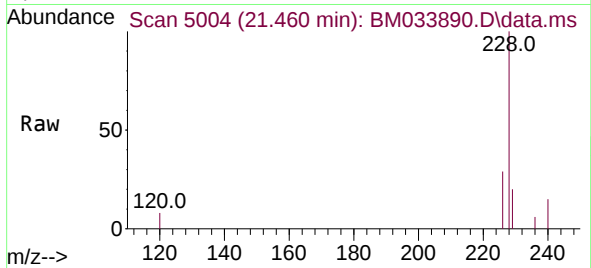




#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.460 min Scan# 5005
Delta R.T. -0.008 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

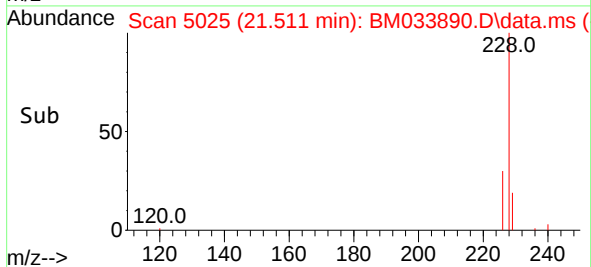
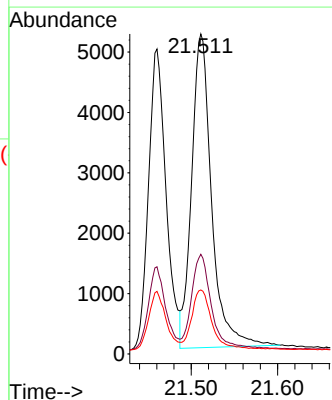
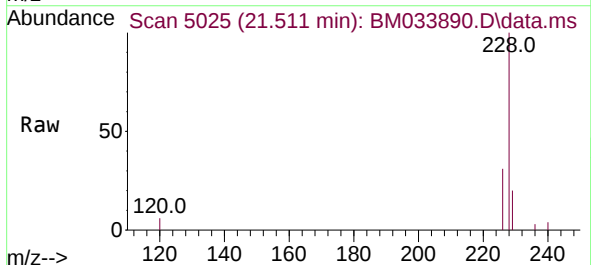
Instrument :
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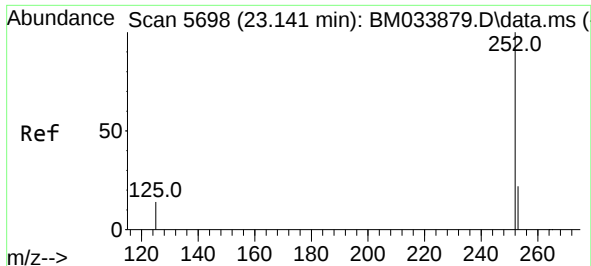
Tgt Ion:228 Resp: 7087
Ion Ratio Lower Upper
228 100
229 20.5 17.3 25.9
226 28.6 23.2 34.8



#22
Chrysene
Concen: 0.416 ng/ul
RT: 21.511 min Scan# 5025
Delta R.T. -0.010 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

Tgt Ion:228 Resp: 8367
Ion Ratio Lower Upper
228 100
226 31.1 25.8 38.8
229 20.0 16.7 25.1

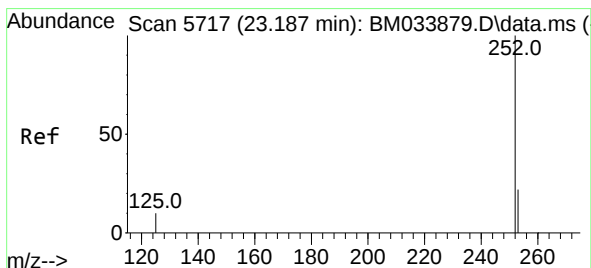
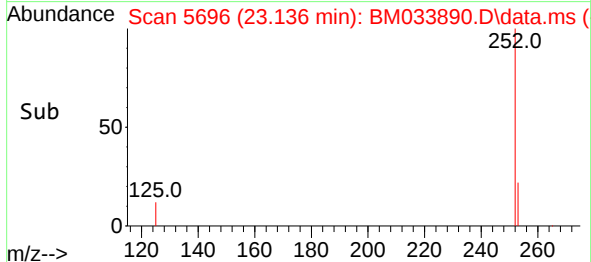
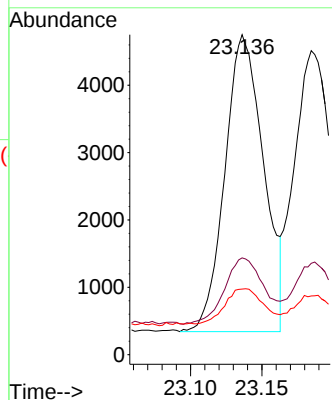
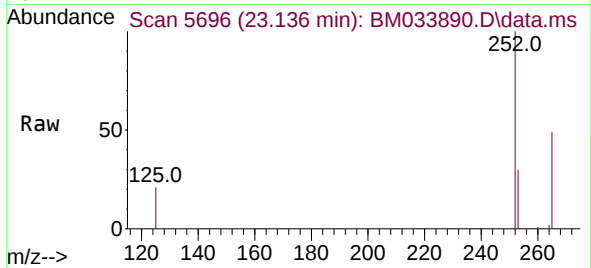




#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 23.136 min Scan# 5696
Delta R.T. -0.015 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

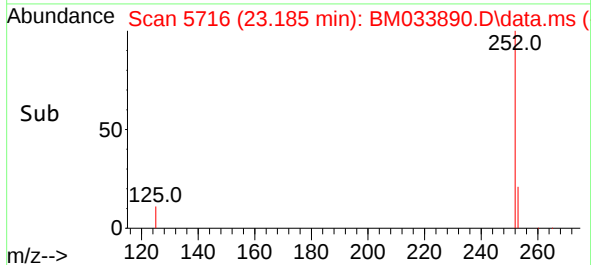
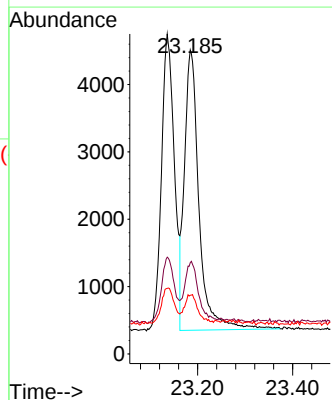
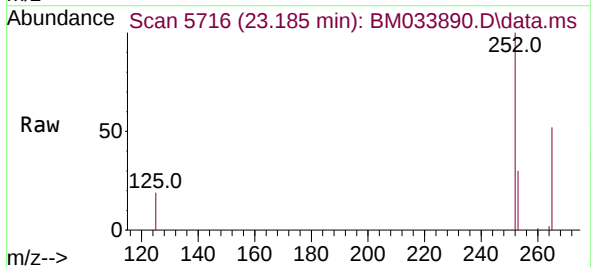
Instrument :
BNA_M
ClientSampleId :
SLCS281

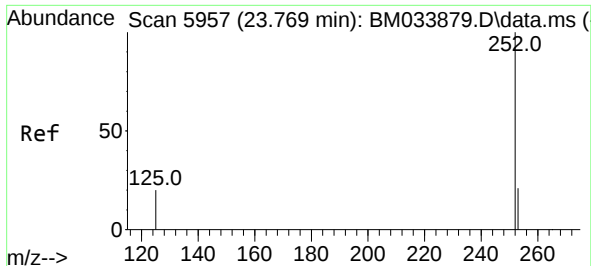
Tgt Ion:252	Resp:	8318
Ion Ratio	Lower	Upper
252	100	
253	30.3	0.0 64.2
125	20.5	0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.418 ng/ul
RT: 23.185 min Scan# 5716
Delta R.T. -0.015 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

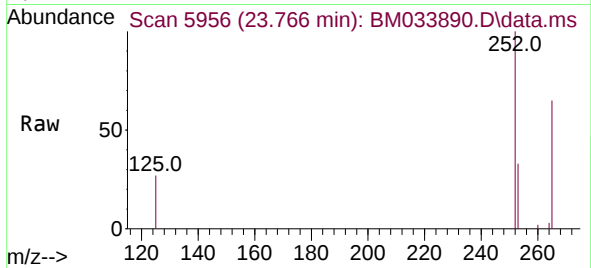
Tgt Ion:252	Resp:	8845
Ion Ratio	Lower	Upper
252	100	
253	30.0	26.8 40.2
125	19.3	12.0 18.0



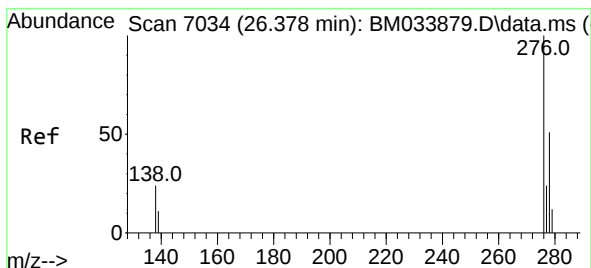
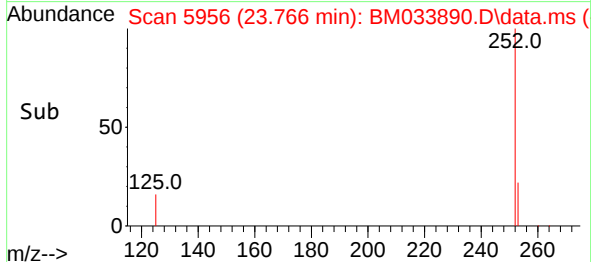
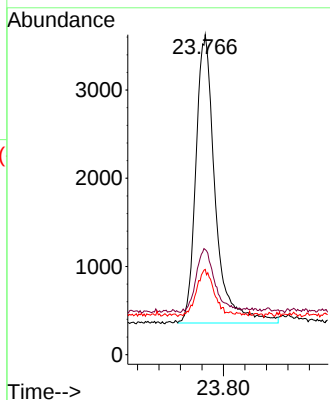


#26
Benzo(a)pyrene
Concen: 0.446 ng/ul
RT: 23.766 min Scan# 5957
Delta R.T. -0.012 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

Instrument :
BNA_M
ClientSampleId :
SLCS281

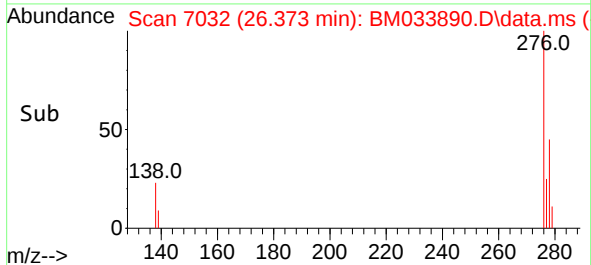
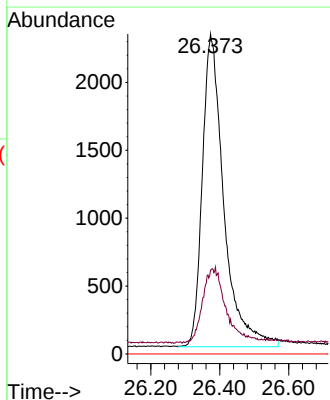
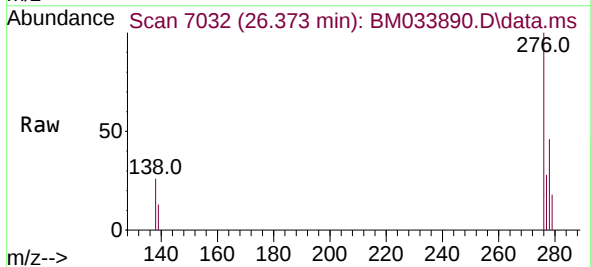


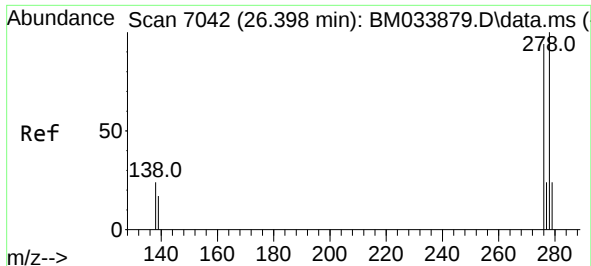
Tgt Ion:252 Resp: 8165
Ion Ratio Lower Upper
252 100
253 32.9 32.0 48.0
125 26.7 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 26.373 min Scan# 7032
Delta R.T. -0.022 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

Tgt Ion:276 Resp: 9968
Ion Ratio Lower Upper
276 100
138 25.8 15.8 23.6#
227 0.0 0.0 0.0

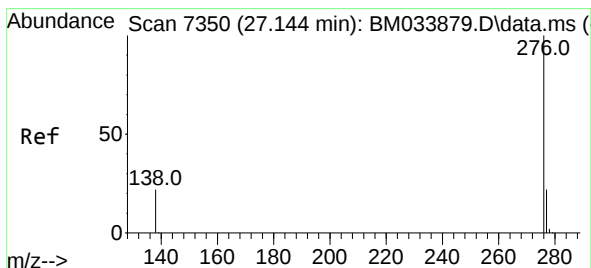
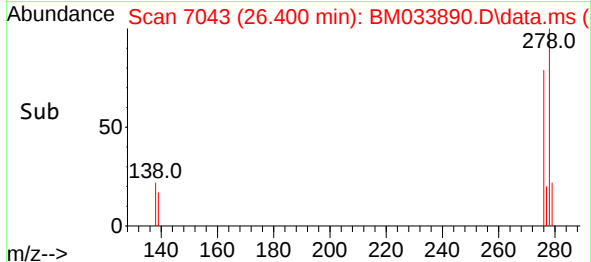
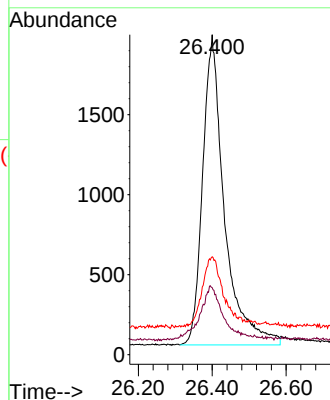
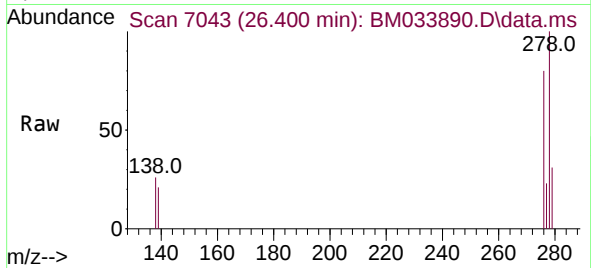




#28
Dibenzo(a,h)anthracene
Concen: 0.412 ng/ul
RT: 26.400 min Scan# 7042
Delta R.T. -0.012 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

Instrument :
BNA_M
ClientSampleId :
SLCS281

Tgt Ion:278 Resp: 7911
Ion Ratio Lower Upper
278 100
139 20.9 18.0 27.0
279 30.6 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.429 ng/ul
RT: 27.134 min Scan# 7346
Delta R.T. -0.029 min
Lab File: BM033890.D
Acq: 27 Jan 2022 03:28

Tgt Ion:276 Resp: 8872
Ion Ratio Lower Upper
276 100
138 25.8 17.4 26.0
277 26.6 22.6 33.8

