

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034437.D
 Acq On : 30 Mar 2022 10:14
 Operator : CG/JU
 Sample : PB143608BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS608

Quant Time: Mar 31 02:20:11 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 18:27:40 2022
 Response via : Initial Calibration

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

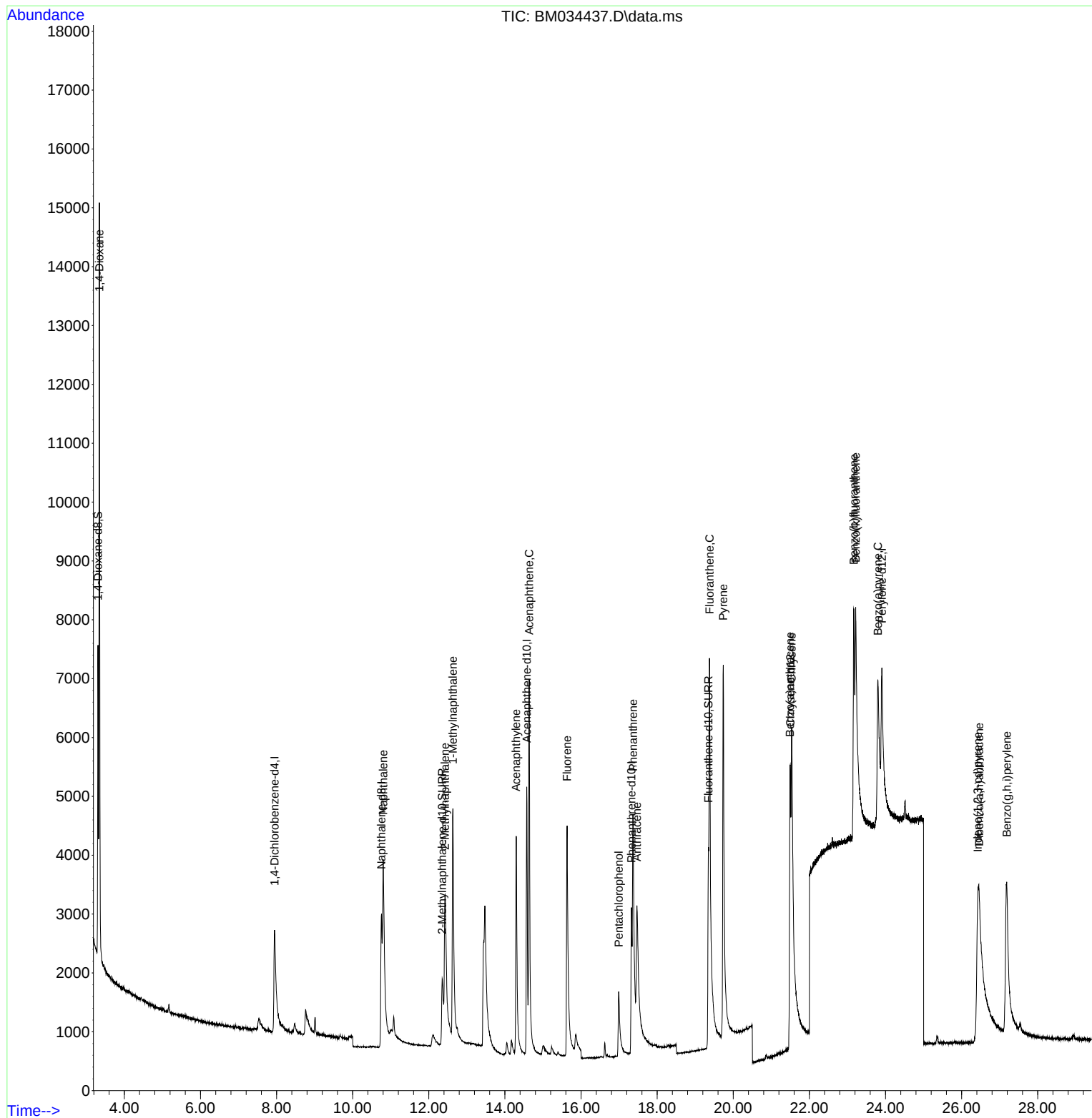
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	2245	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	6972	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.574	164	3199	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	5286	0.400	ng/ul	0.00
17) Chrysene-d12	21.504	240	4687	0.400	ng/ul #	0.00
23) Perylene-d12	23.907	264	5077	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	3118	0.934	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	3726	0.396	ng/ul	0.01
18) Fluoranthene-d10	19.348	212	7201	0.492	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	8454	2.292	ng/ul#	81
5) Naphthalene	10.801	128	7684	0.381	ng/ul#	92
7) 2-Methylnaphthalene	12.429	142	4277	0.346	ng/ul	97
8) 1-Methylnaphthalene	12.632	142	4288	0.348	ng/ul	100
10) Acenaphthylene	14.296	152	6984	0.454	ng/ul#	92
11) Acenaphthene	14.638	153	4959	0.423	ng/ul	96
12) Fluorene	15.633	166	5037	0.403	ng/ul	98
14) Pentachlorophenol	16.991	266	1506	0.707	ng/ul	98
15) Phenanthrene	17.367	178	7055	0.418	ng/ul	99
16) Anthracene	17.468	178	5402	0.365	ng/ul	99
19) Fluoranthene	19.376	202	9070	0.429	ng/ul	97
20) Pyrene	19.738	202	10624	0.455	ng/ul#	95
21) Benzo(a)anthracene	21.489	228	5289	0.361	ng/ul	99
22) Chrysene	21.536	228	6998	0.417	ng/ul	99
24) Benzo(b)fluoranthene	23.170	252	6976	0.397	ng/ul	85
25) Benzo(k)fluoranthene	23.217	252	6496	0.382	ng/ul#	88
26) Benzo(a)pyrene	23.801	252	8289	0.456	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.425	276	9862	0.416	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.462	278	7156	0.402	ng/ul#	80
29) Benzo(g,h,i)perylene	27.186	276	10343	0.451	ng/ul	97

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

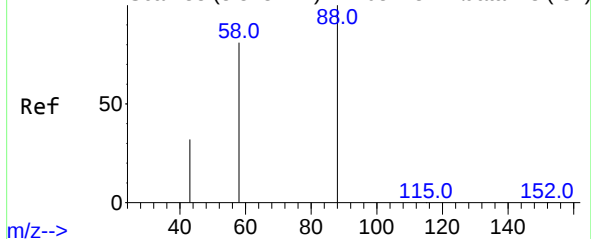
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
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Abundance Scan 38 (3.343 min): BM034431.D\data.ms (-32)



#2

1,4-Dioxane

Concen: 2.292 ng/ul

RT: 3.343 min Scan# 38

Delta R.T. 0.000 min

Lab File: BM034437.D

Acq: 30 Mar 2022 10:14

Instrument :

BNA_M

ClientSampleId :

SLCS608

Tgt Ion: 88 Resp: 8454

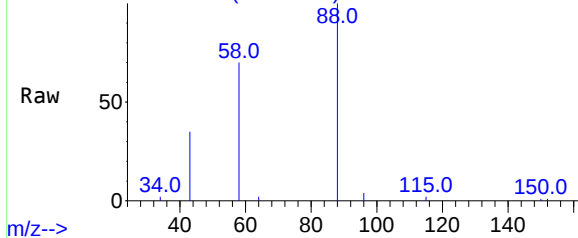
Ion Ratio Lower Upper

88 100

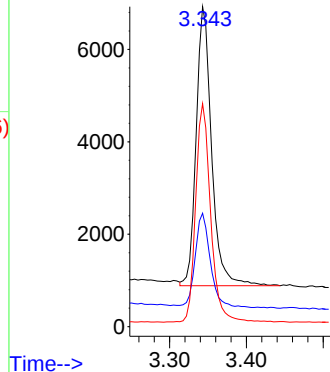
43 35.5 49.7 74.5#

58 69.7 52.5 78.7

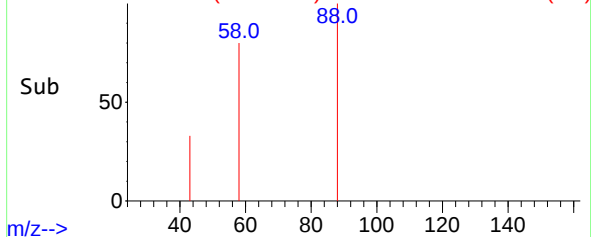
Abundance Scan 38 (3.343 min): BM034437.D\data.ms



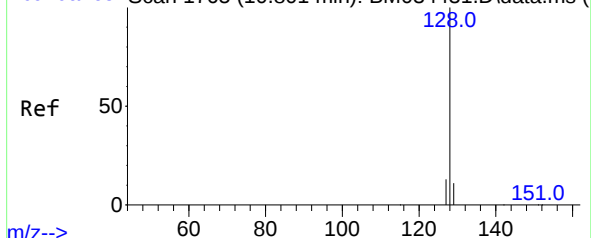
Abundance



Abundance Scan 38 (3.343 min): BM034437.D\data.ms (-26)



Abundance Scan 1765 (10.801 min): BM034431.D\data.ms (-)



#5

Naphthalene

Concen: 0.381 ng/ul

RT: 10.801 min Scan# 1765

Delta R.T. 0.000 min

Lab File: BM034437.D

Acq: 30 Mar 2022 10:14

Tgt Ion: 128 Resp: 7684

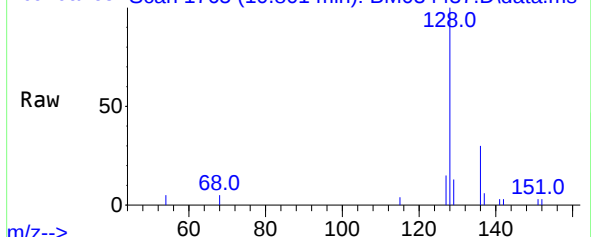
Ion Ratio Lower Upper

128 100

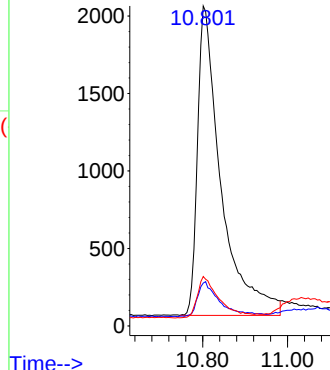
129 13.4 13.4 20.2#

127 15.4 15.2 22.8

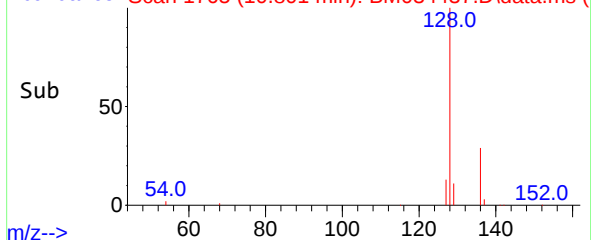
Abundance Scan 1765 (10.801 min): BM034437.D\data.ms

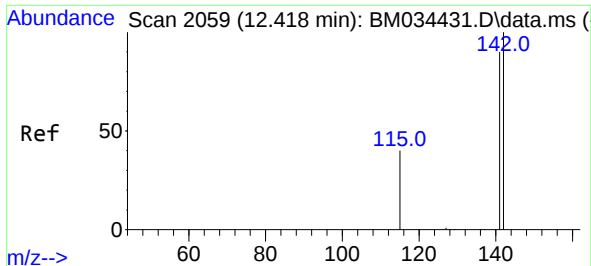


Abundance



Abundance Scan 1765 (10.801 min): BM034437.D\data.ms (-)

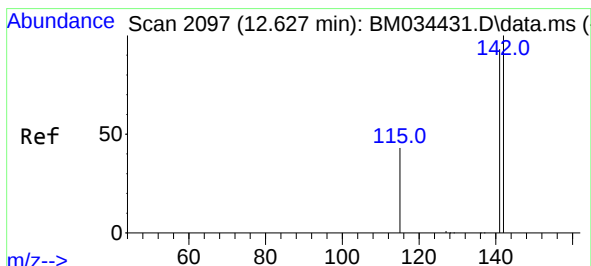
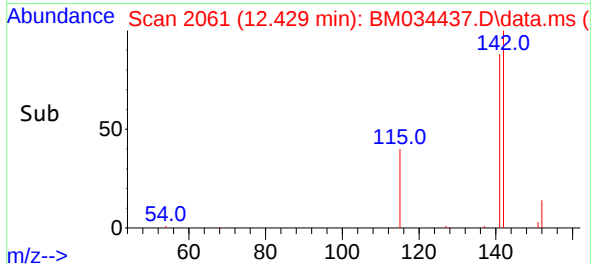
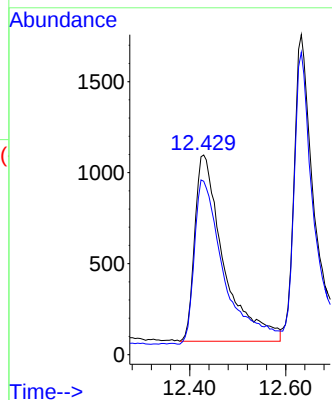
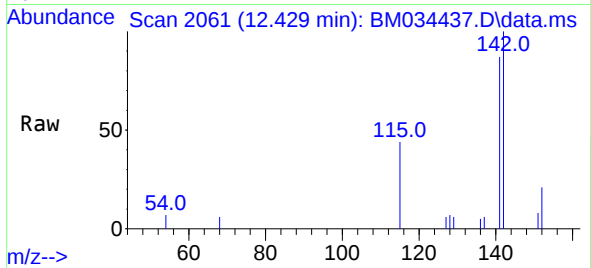




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.429 min Scan# 2059
Delta R.T. 0.011 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

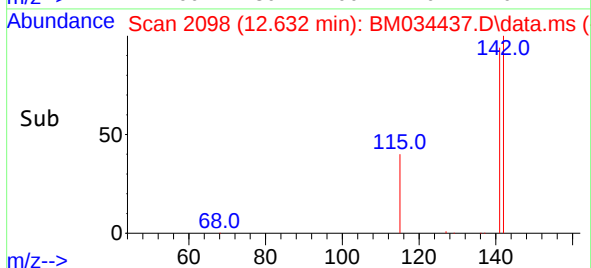
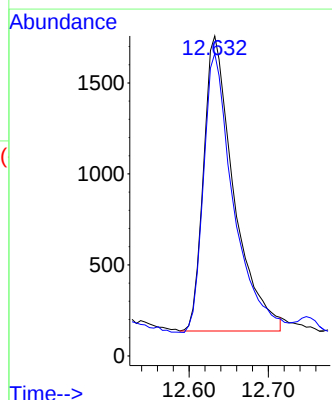
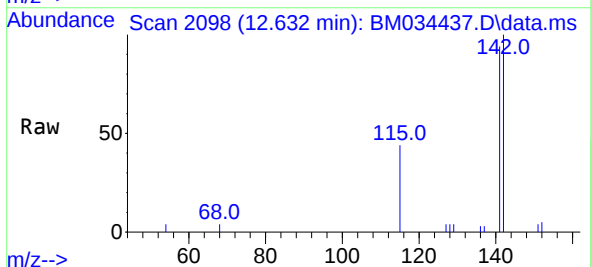
Instrument :
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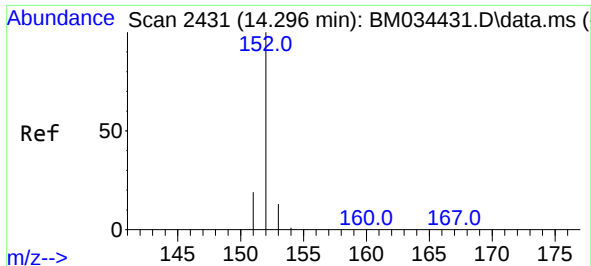
Tgt Ion:142 Resp: 4277
Ion Ratio Lower Upper
142 100
141 92.2 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

Tgt Ion:142 Resp: 4288
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4

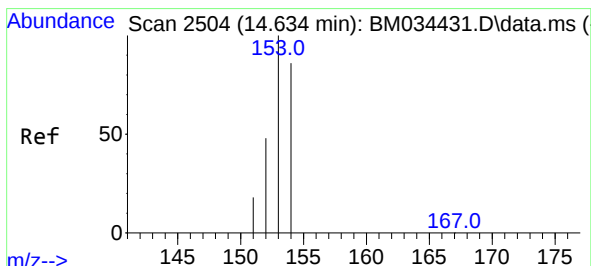
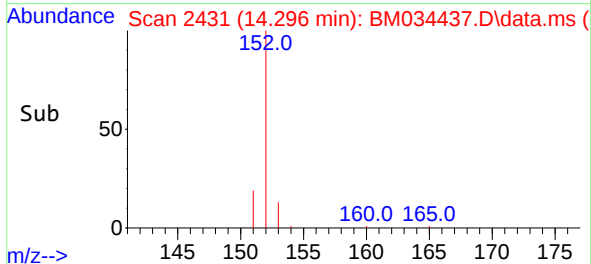
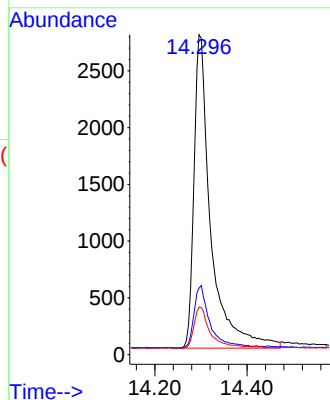
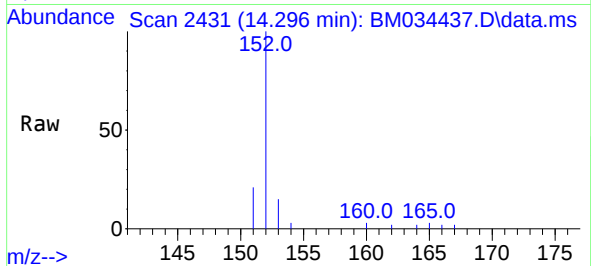




#10
Acenaphthylene
Concen: 0.454 ng/ul
RT: 14.296 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

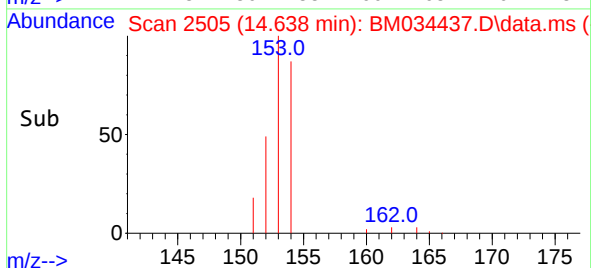
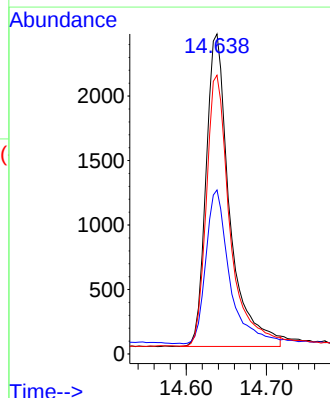
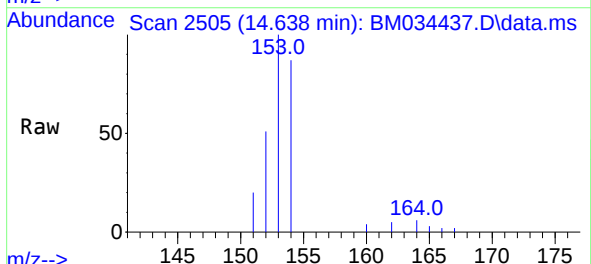
Instrument :
BNA_M
ClientSampleId :
SLCS608

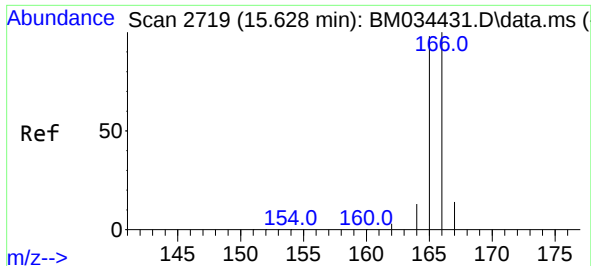
Tgt Ion:152 Resp: 6984
Ion Ratio Lower Upper
152 100
151 20.9 19.9 29.9
153 14.9 15.0 22.4#



#11
Acenaphthene
Concen: 0.423 ng/ul
RT: 14.638 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

Tgt Ion:153 Resp: 4959
Ion Ratio Lower Upper
153 100
152 51.2 42.4 63.6
154 87.1 66.2 99.2

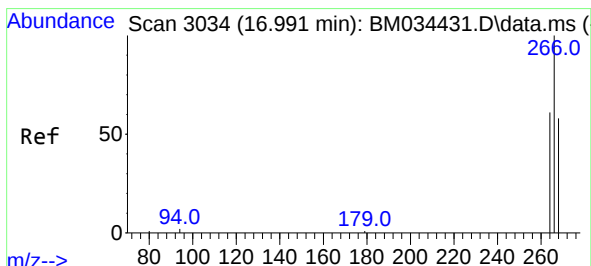
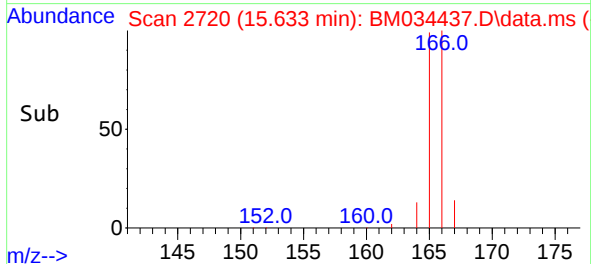
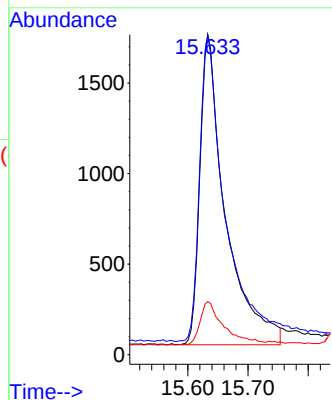
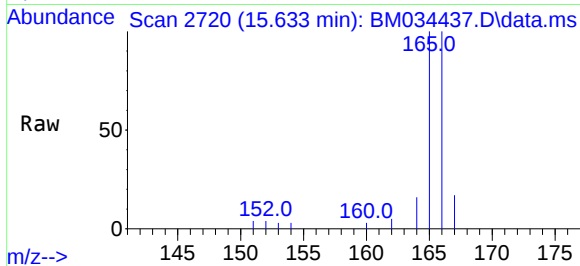




#12
Fluorene
Concen: 0.403 ng/ul
RT: 15.633 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

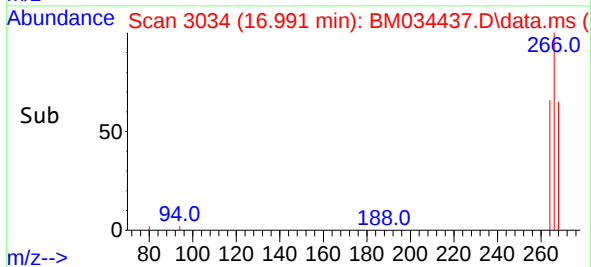
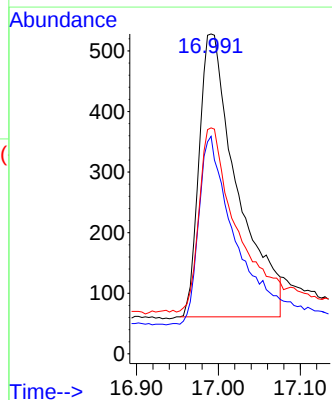
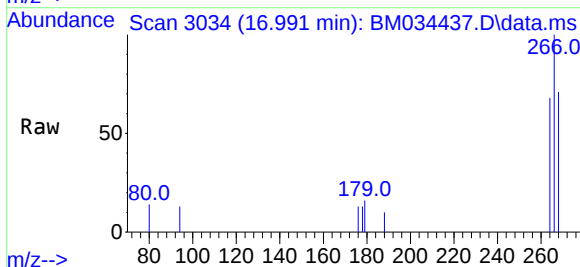
Instrument :
BNA_M
ClientSampleId :
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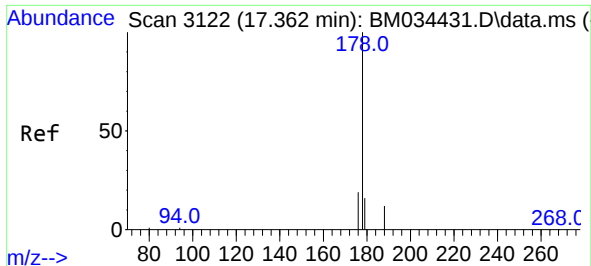
Tgt Ion:166 Resp: 5037
Ion Ratio Lower Upper
166 100
165 99.9 81.1 121.7
167 16.6 14.9 22.3



#14
Pentachlorophenol
Concen: 0.707 ng/ul
RT: 16.991 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

Tgt Ion:266 Resp: 1506
Ion Ratio Lower Upper
266 100
264 63.5 51.4 77.0
268 64.7 53.1 79.7

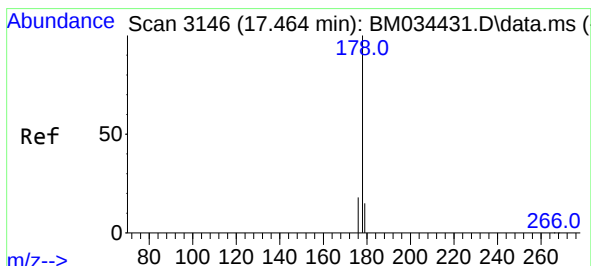
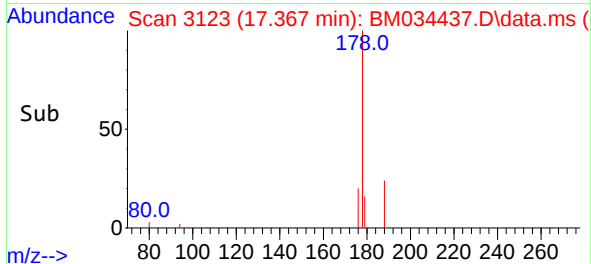
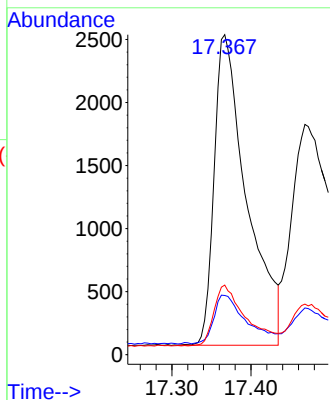
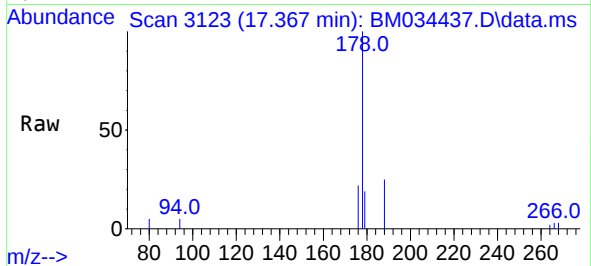




#15
Phenanthrene
Concen: 0.418 ng/ul
RT: 17.367 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

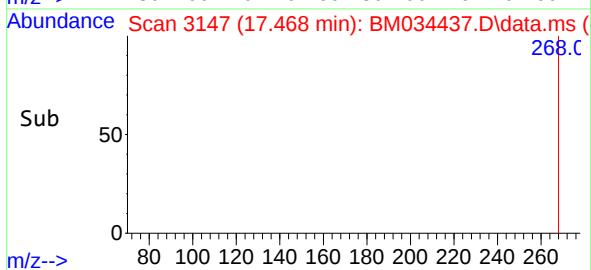
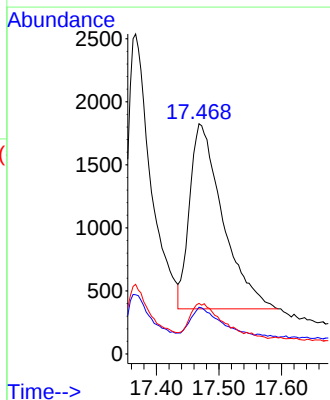
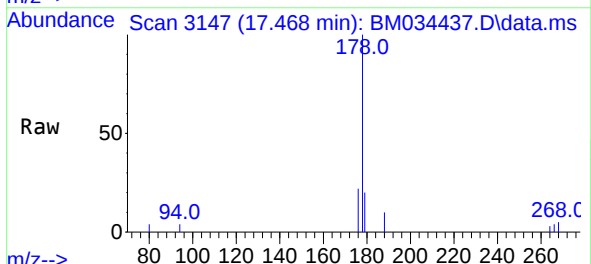
Instrument :
BNA_M
ClientSampleId :
SLCS608

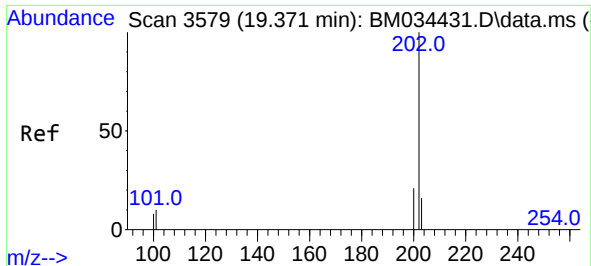
Tgt Ion:	178	Resp:	7055
Ion Ratio	Lower	Upper	
178	100		
179	18.5	15.0	22.6
176	21.7	17.9	26.9



#16
Anthracene
Concen: 0.365 ng/ul
RT: 17.468 min Scan# 3147
Delta R.T. 0.009 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

Tgt Ion:	178	Resp:	5402
Ion Ratio	Lower	Upper	
178	100		
179	20.3	16.5	24.7
176	22.0	18.3	27.5

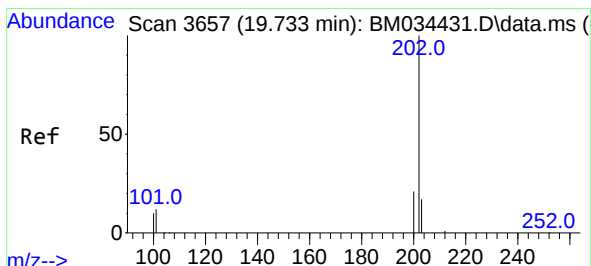
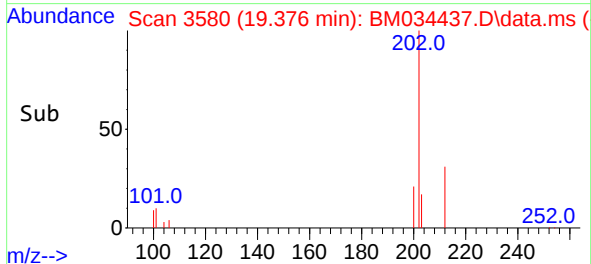
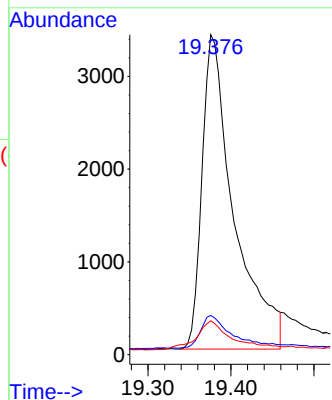
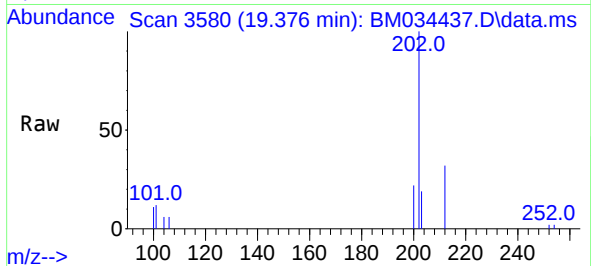




#19
Fluoranthene
Concen: 0.429 ng/u1
RT: 19.376 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

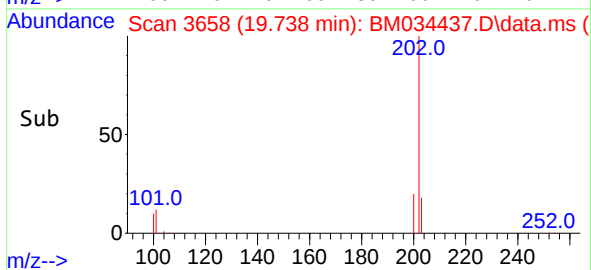
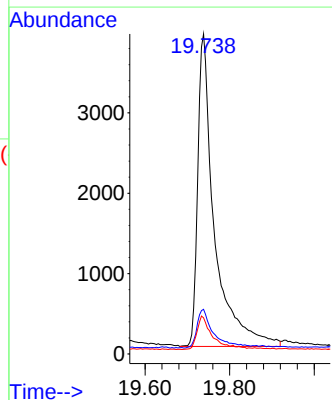
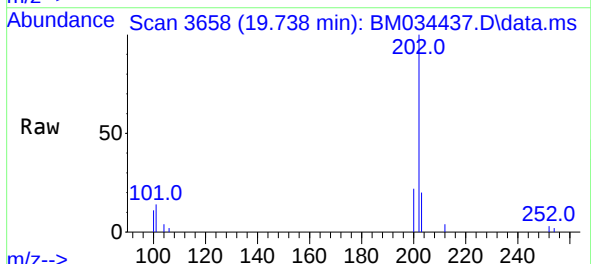
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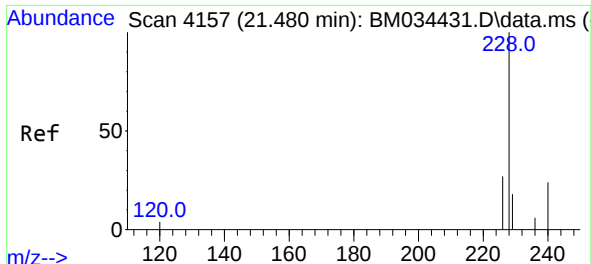
Tgt Ion:202 Resp: 9070
Ion Ratio Lower Upper
202 100
101 12.2 9.2 13.8
100 10.6 7.2 10.8



#20
Pyrene
Concen: 0.455 ng/u1
RT: 19.738 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

Tgt Ion:202 Resp: 10624
Ion Ratio Lower Upper
202 100
101 13.9 9.3 13.9#
100 11.3 7.8 11.6

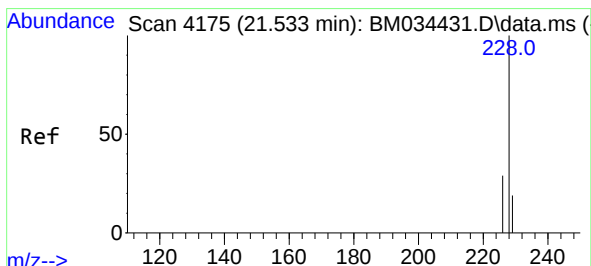
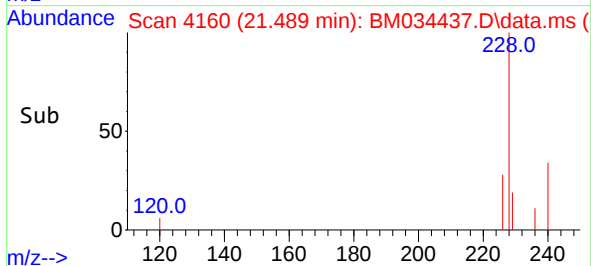
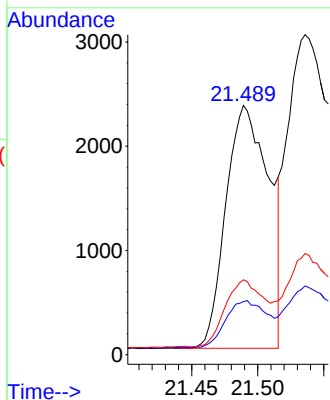
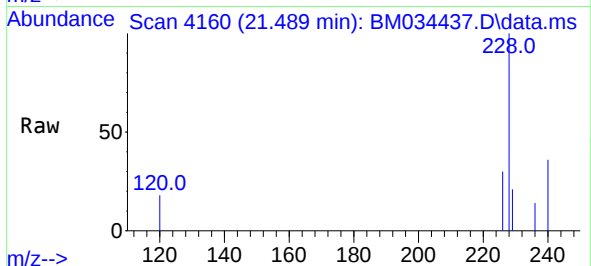




#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.489 min Scan# 4157
Delta R.T. 0.003 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

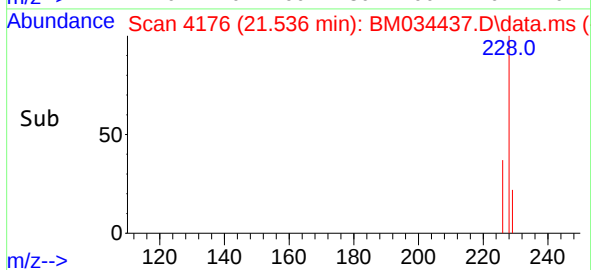
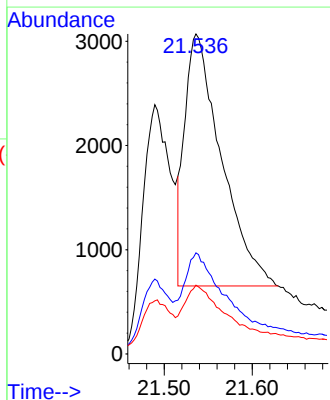
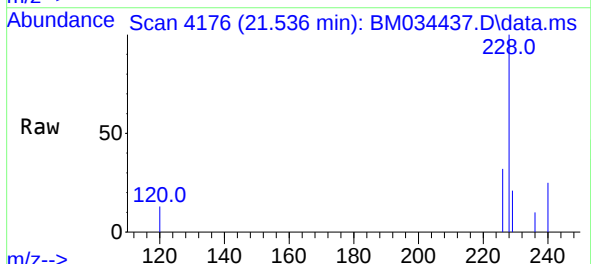
Instrument :
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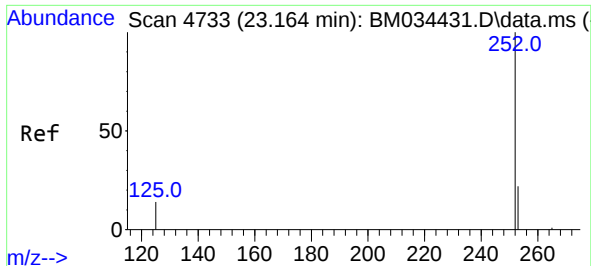
Tgt Ion:	228	Resp:	5289
Ion	Ratio	Lower	Upper
228	100		
229	21.3	17.3	25.9
226	30.1	23.2	34.8



#22
Chrysene
Concen: 0.417 ng/ul
RT: 21.536 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

Tgt Ion:	228	Resp:	6998
Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.8	38.8
229	21.5	16.7	25.1

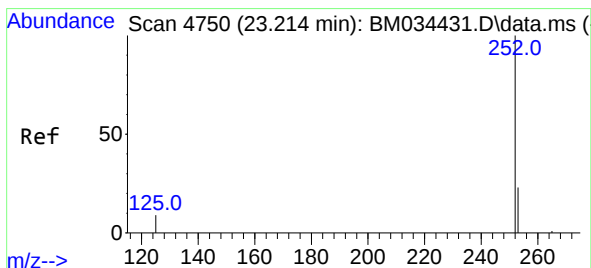
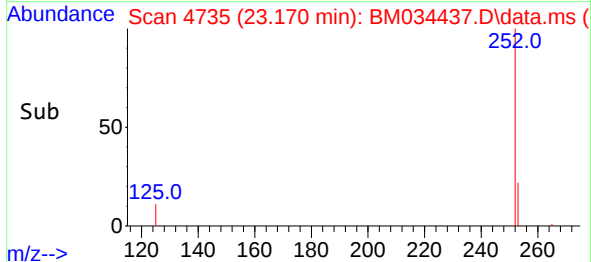
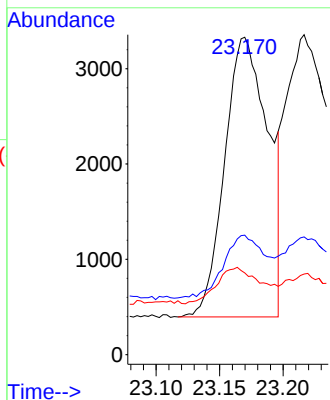
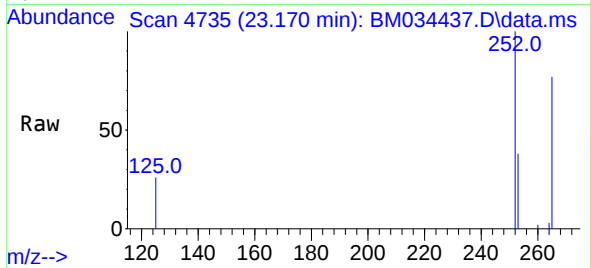




#24
Benzo(b)fluoranthene
Concen: 0.397 ng/ul
RT: 23.170 min Scan# 4735
Delta R.T. -0.006 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

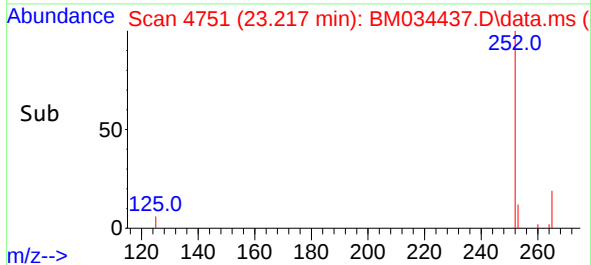
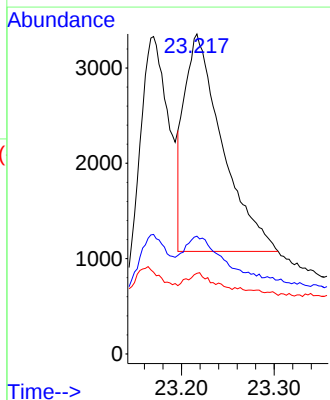
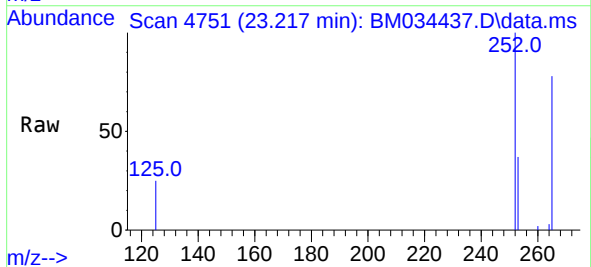
Instrument :
BNA_M
ClientSampleId :
SLCS608

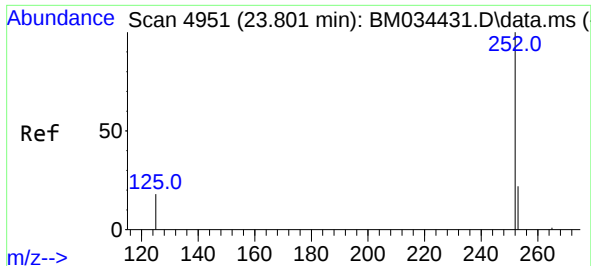
Tgt Ion:252 Resp: 6976
Ion Ratio Lower Upper
252 100
253 37.7 0.0 64.2
125 25.7 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 23.217 min Scan# 4751
Delta R.T. -0.009 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

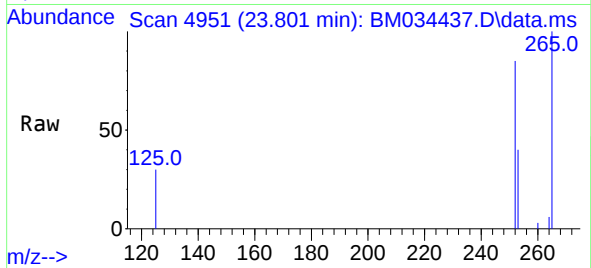
Tgt Ion:252 Resp: 6496
Ion Ratio Lower Upper
252 100
253 36.8 26.8 40.2
125 25.2 12.0 18.0#



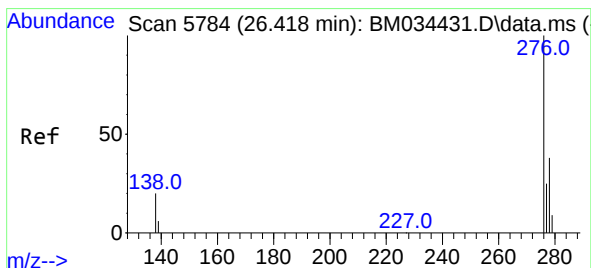
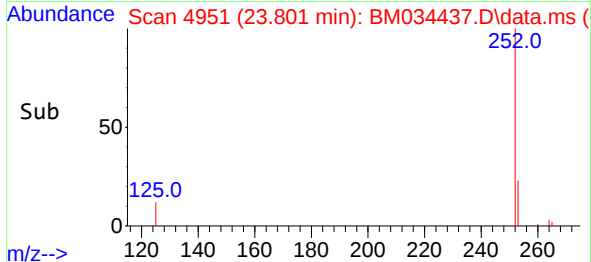
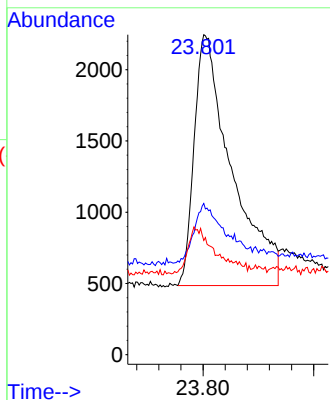


#26
Benzo(a)pyrene
Concen: 0.456 ng/ul
RT: 23.801 min Scan# 4951
Delta R.T. -0.006 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

Instrument :
BNA_M
ClientSampleId :
SLCS608

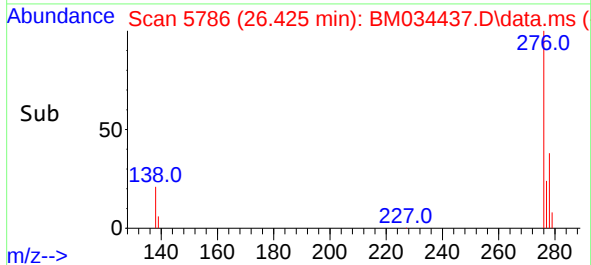
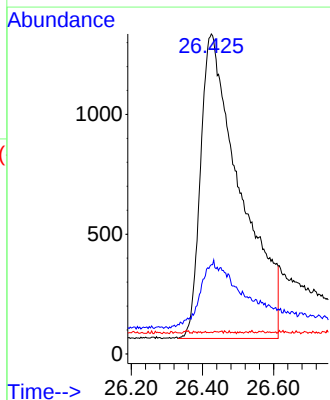
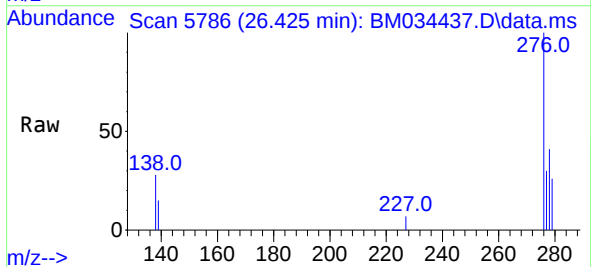


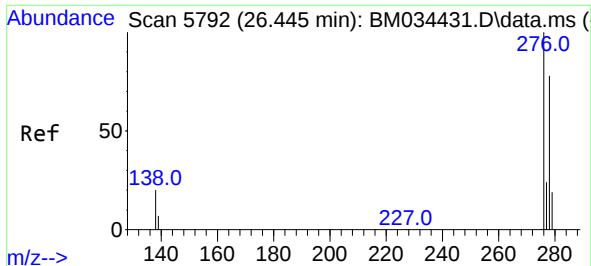
Tgt Ion:252 Resp: 8289
Ion Ratio Lower Upper
252 100
253 47.2 32.0 48.0
125 35.7 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng/ul
RT: 26.425 min Scan# 5786
Delta R.T. -0.009 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

Tgt Ion:276 Resp: 9862
Ion Ratio Lower Upper
276 100
138 23.0 15.8 23.6
227 0.1 0.0 0.0#

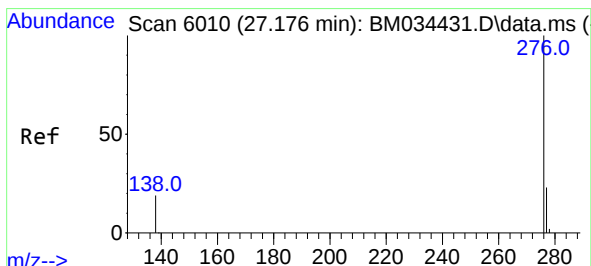
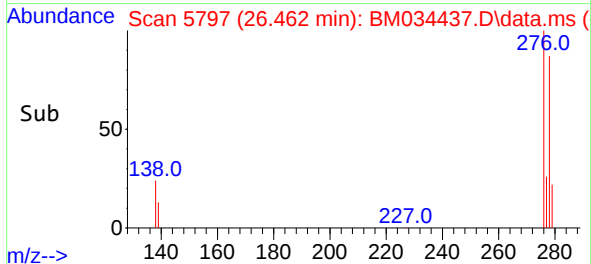
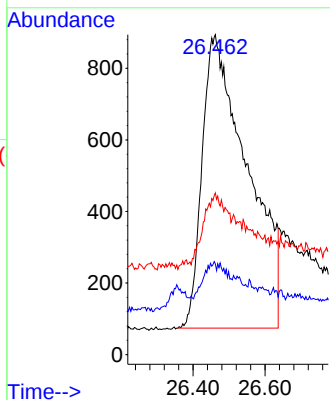
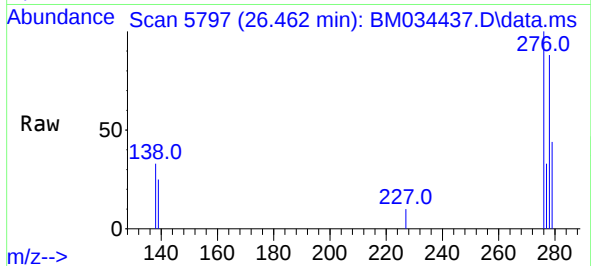




#28
Dibenzo(a,h)anthracene
Concen: 0.402 ng/ul
RT: 26.462 min Scan# 51
Delta R.T. 0.004 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

Instrument :
BNA_M
ClientSampleId :
SLCS608

Tgt Ion:278 Resp: 7156
Ion Ratio Lower Upper
278 100
139 28.4 18.0 27.0#
279 50.6 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.451 ng/ul
RT: 27.186 min Scan# 6013
Delta R.T. -0.020 min
Lab File: BM034437.D
Acq: 30 Mar 2022 10:14

Tgt Ion:276 Resp: 10343
Ion Ratio Lower Upper
276 100
138 25.1 17.4 26.0
277 28.1 22.6 33.8

