

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042622\
 Data File : BM034844.D
 Acq On : 26 Apr 2022 19:40
 Operator : CG/JU
 Sample : PB144363BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS363

Quant Time: Apr 27 01:30:11 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:54:34 2022
 Response via : Initial Calibration

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

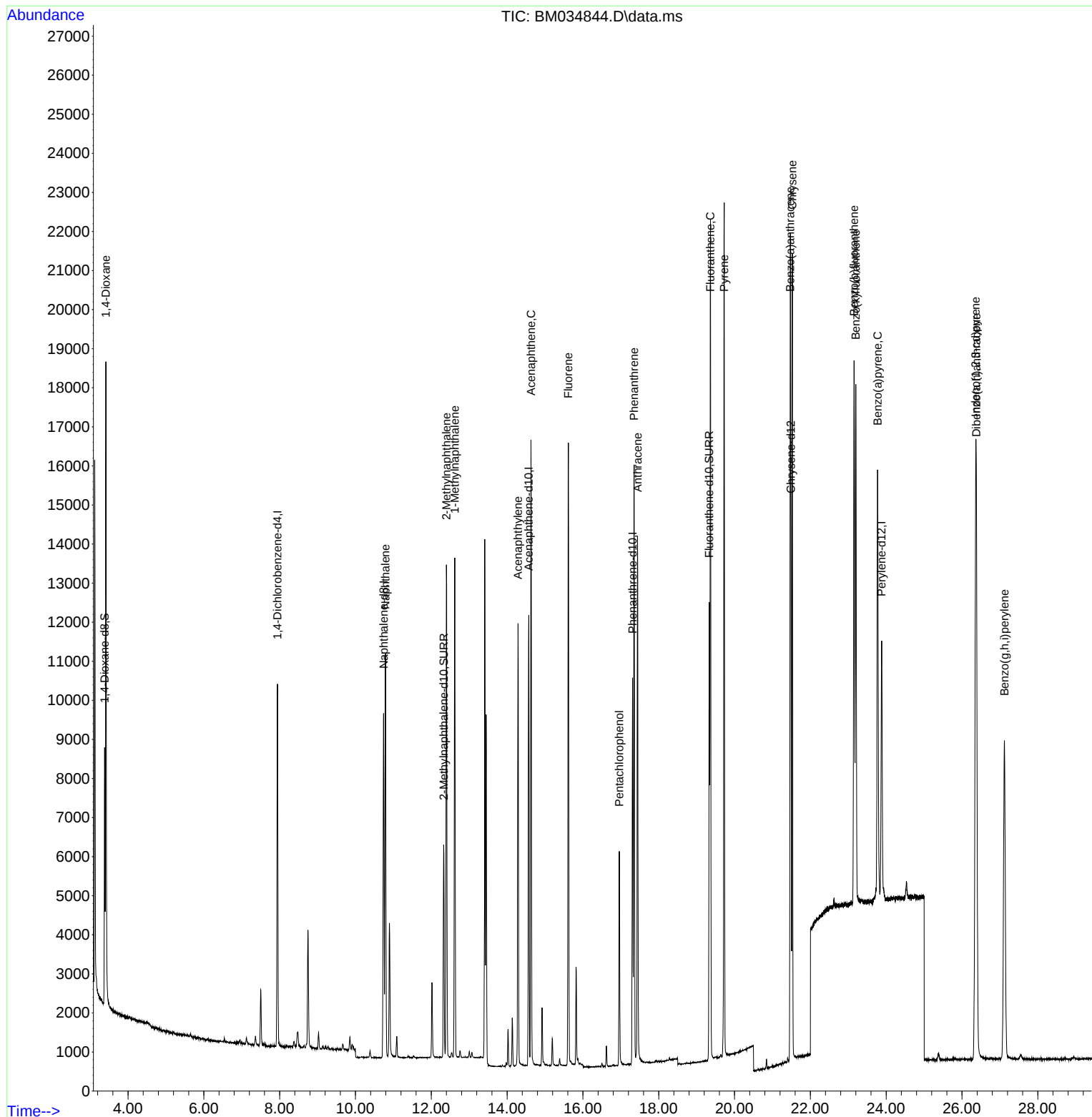
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	4734	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	12207	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.571	164	6173	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	11723	0.400	ng/ul #	0.00
17) Chrysene-d12	21.487	240	8752	0.400	ng/ul #	0.00
23) Perylene-d12	23.881	264	9130	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	3836	0.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	7043	0.410	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	12426	0.450	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.415	88	9750	1.956	ng/ul#	82
5) Naphthalene	10.792	128	13966	0.400	ng/ul#	88
7) 2-Methylnaphthalene	12.398	142	8720	0.376	ng/ul	100
8) 1-Methylnaphthalene	12.618	142	8560	0.376	ng/ul	100
10) Acenaphthylene	14.289	152	12641	0.469	ng/ul#	90
11) Acenaphthene	14.631	153	9137	0.400	ng/ul	96
12) Fluorene	15.617	166	9985	0.388	ng/ul#	97
14) Pentachlorophenol	16.959	266	3434	0.987	ng/ul	97
15) Phenanthrene	17.352	178	16045	0.414	ng/ul	95
16) Anthracene	17.441	178	14461	0.419	ng/ul#	93
19) Fluoranthene	19.364	202	18103	0.431	ng/ul	97
20) Pyrene	19.727	202	18250	0.432	ng/ul	99
21) Benzo(a)anthracene	21.473	228	16508	0.485	ng/ul	98
22) Chrysene	21.522	228	17109	0.471	ng/ul	98
24) Benzo(b)fluoranthene	23.153	252	18242	0.438	ng/ul	90
25) Benzo(k)fluoranthene	23.200	252	17592	0.422	ng/ul#	90
26) Benzo(a)pyrene	23.773	252	17144	0.504	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.362	276	21127	0.442	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.379	278	17070	0.439	ng/ul#	90
29) Benzo(g,h,i)perylene	27.120	276	18226	0.442	ng/ul	94

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

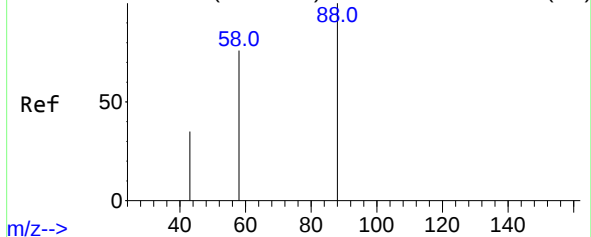
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042622\
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Abundance Scan 80 (3.420 min): BM034832.D\data.ms (-73)



#2

1,4-Dioxane

Concen: 1.956 ng/ul

RT: 3.415 min Scan# 79

Delta R.T. -0.004 min

Lab File: BM034844.D

Acq: 26 Apr 2022 19:40

Instrument :

BNA_M

ClientSampleId :

SLCS363

Tgt Ion: 88 Resp: 9750

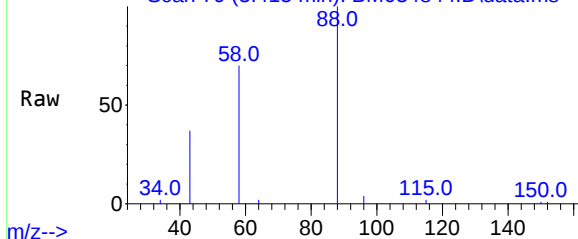
Ion Ratio Lower Upper

88 100

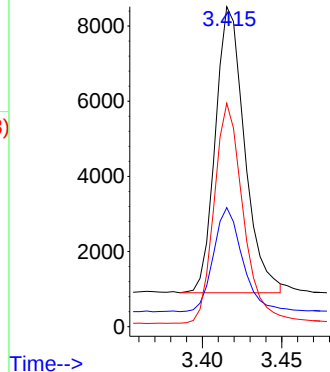
43 37.2 49.7 74.5#

58 69.8 52.5 78.7

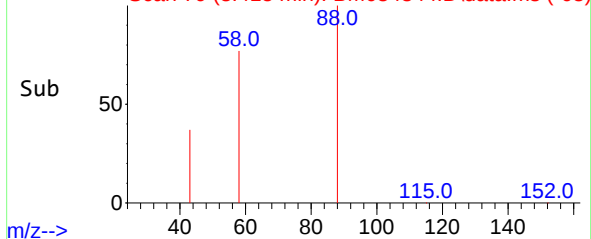
Abundance Scan 79 (3.415 min): BM034844.D\data.ms



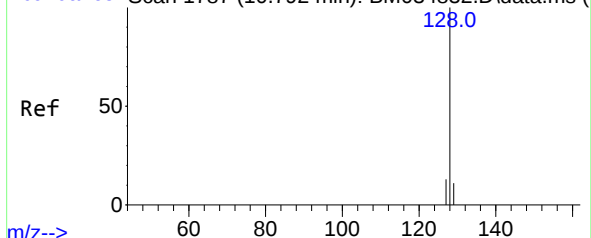
Abundance



Abundance Scan 79 (3.415 min): BM034844.D\data.ms (-68)



Abundance Scan 1787 (10.792 min): BM034832.D\data.ms (-73)



#5

Naphthalene

Concen: 0.400 ng/ul

RT: 10.792 min Scan# 1787

Delta R.T. -0.004 min

Lab File: BM034844.D

Acq: 26 Apr 2022 19:40

Tgt Ion:128 Resp: 13966

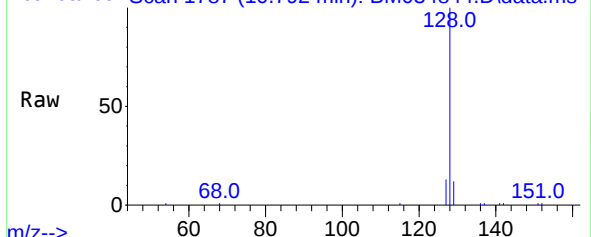
Ion Ratio Lower Upper

128 100

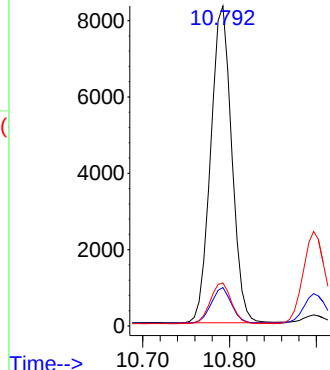
129 12.0 13.4 20.2#

127 13.4 15.2 22.8#

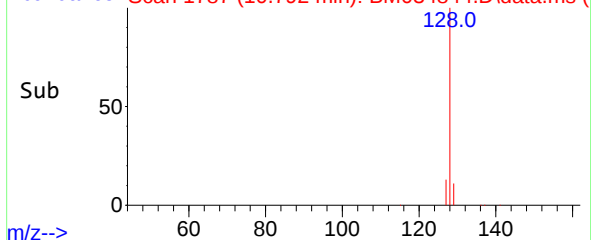
Abundance Scan 1787 (10.792 min): BM034844.D\data.ms

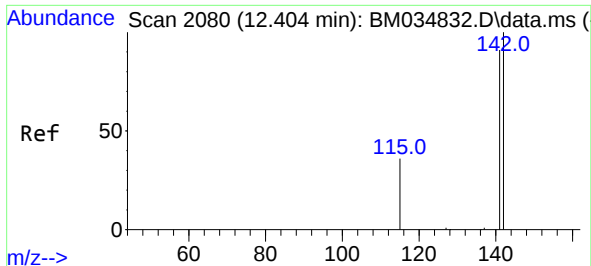


Abundance



Abundance Scan 1787 (10.792 min): BM034844.D\data.ms (-68)

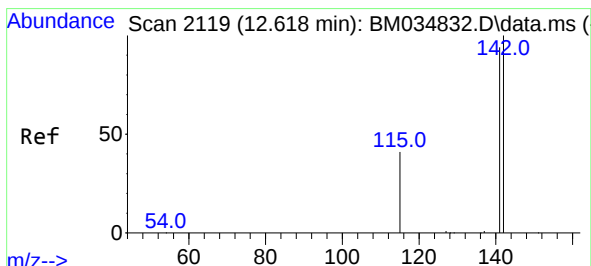
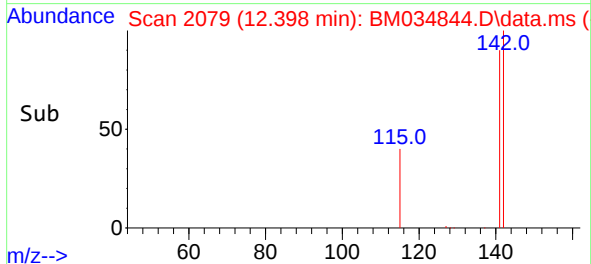
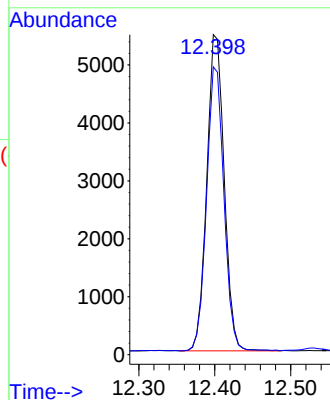
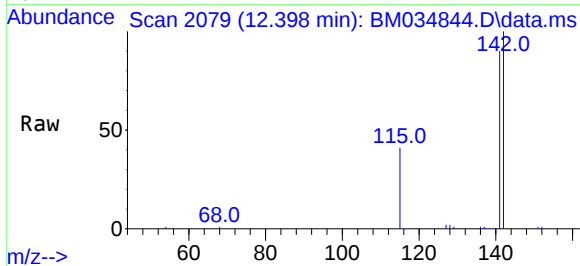




#7
2-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.398 min Scan# 2080
Delta R.T. -0.010 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

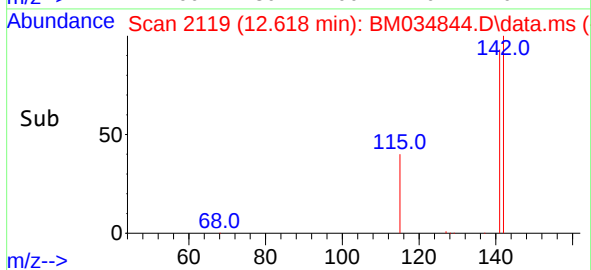
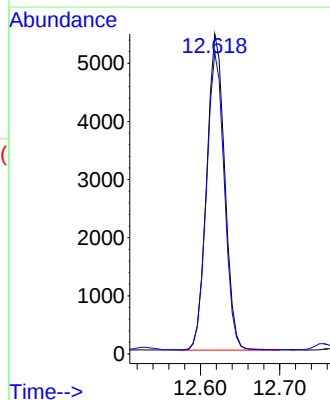
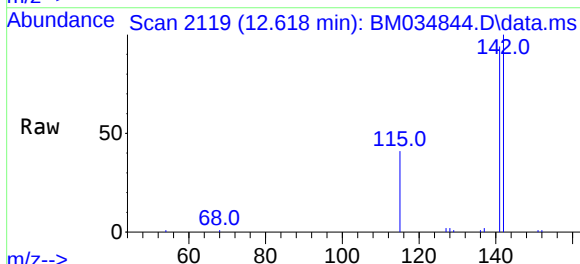
Instrument :
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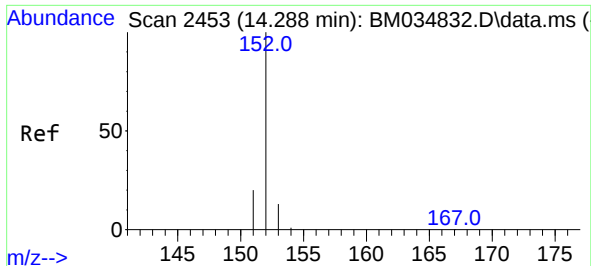
Tgt Ion:142 Resp: 8720
Ion Ratio Lower Upper
142 100
141 89.6 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

Tgt Ion:142 Resp: 8560
Ion Ratio Lower Upper
142 100
141 93.6 75.0 112.4

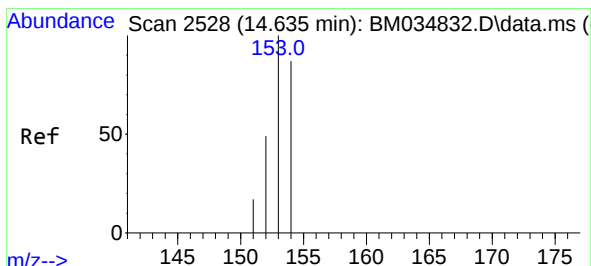
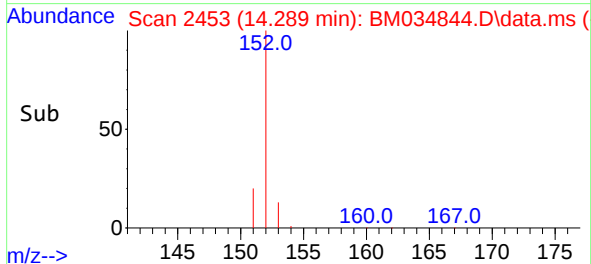
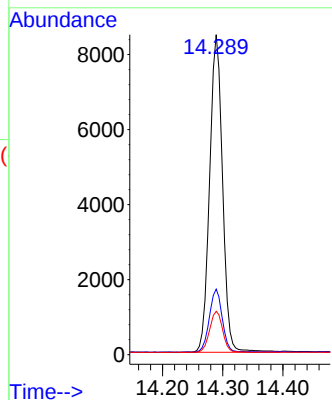
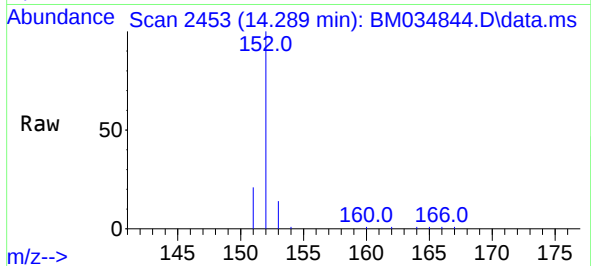




#10
Acenaphthylene
Concen: 0.469 ng/ul
RT: 14.289 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

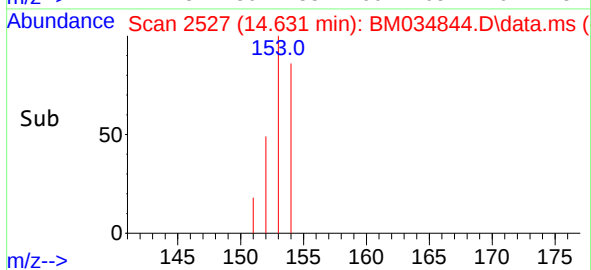
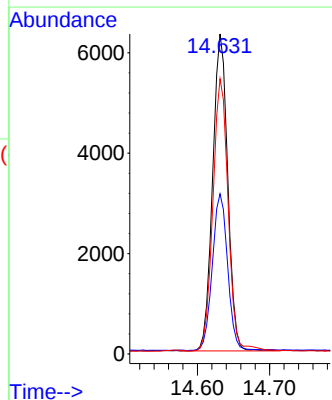
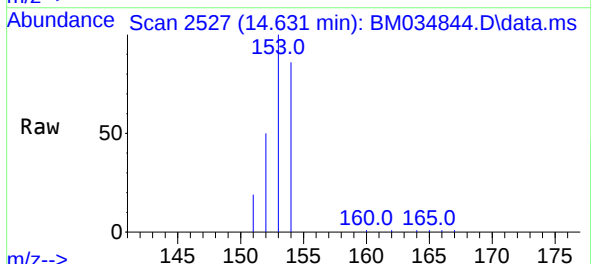
Instrument :
BNA_M
ClientSampleId :
SLCS363

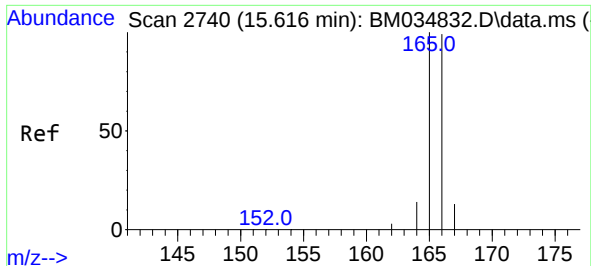
Tgt Ion:	152	Resp:	12641
Ion Ratio	Lower	Upper	
152	100		
151	20.5	19.9	29.9
153	13.5	15.0	22.4#



#11
Acenaphthene
Concen: 0.400 ng/ul
RT: 14.631 min Scan# 2527
Delta R.T. -0.007 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

Tgt Ion:	153	Resp:	9137
Ion Ratio	Lower	Upper	
153	100		
152	50.0	42.4	63.6
154	86.0	66.2	99.2

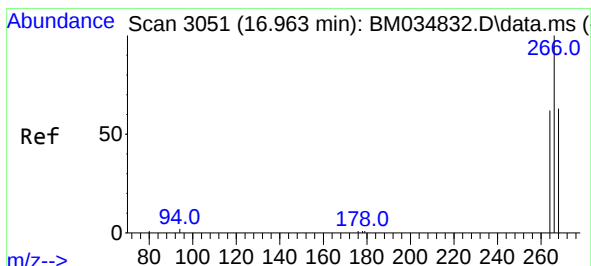
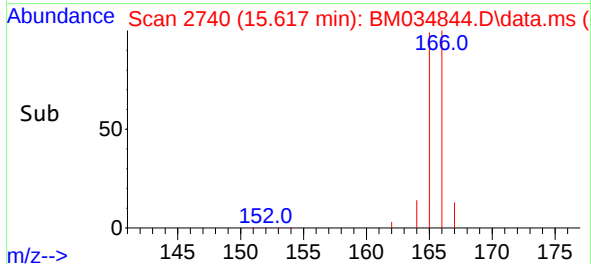
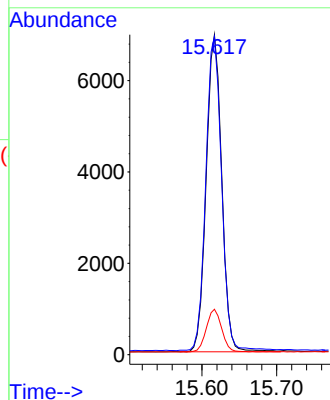
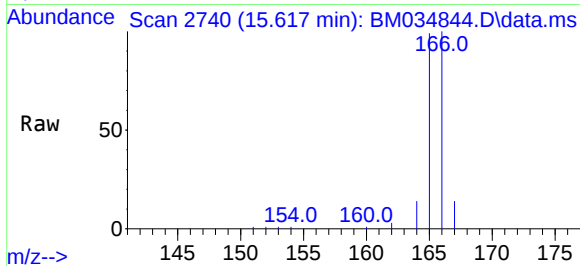




#12
Fluorene
Concen: 0.388 ng/ul
RT: 15.617 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

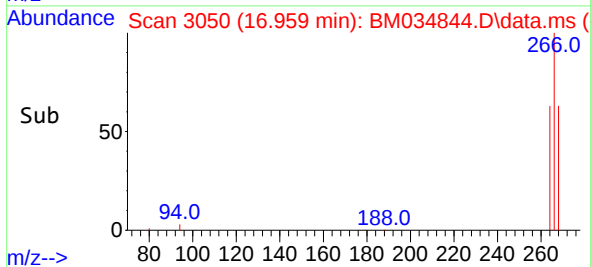
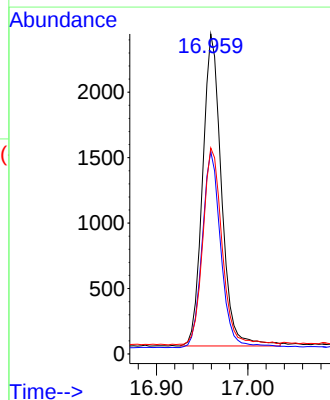
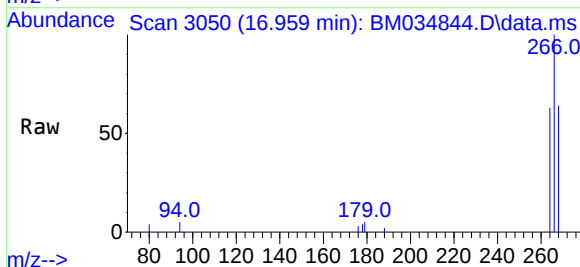
Instrument :
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ClientSampleId :
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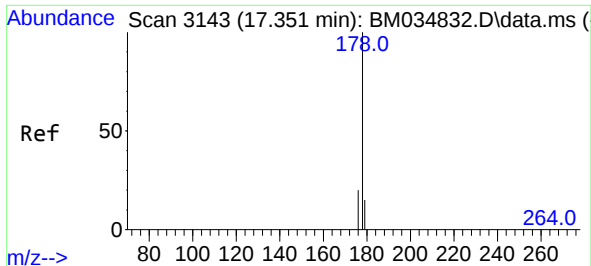
Tgt Ion:166 Resp: 9985
Ion Ratio Lower Upper
166 100
165 99.5 81.1 121.7
167 14.2 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.987 ng/ul
RT: 16.959 min Scan# 3050
Delta R.T. -0.002 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

Tgt Ion:266 Resp: 3434
Ion Ratio Lower Upper
266 100
264 62.0 51.4 77.0
268 64.4 53.1 79.7

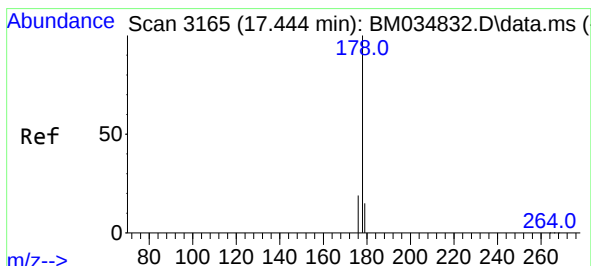
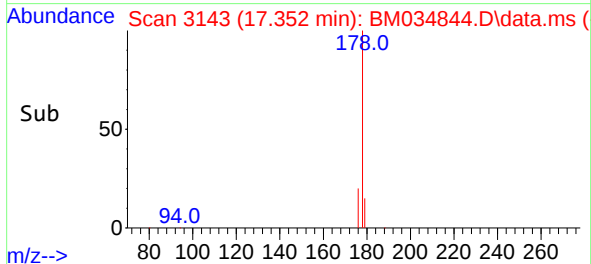
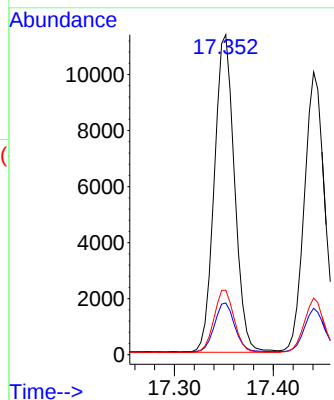
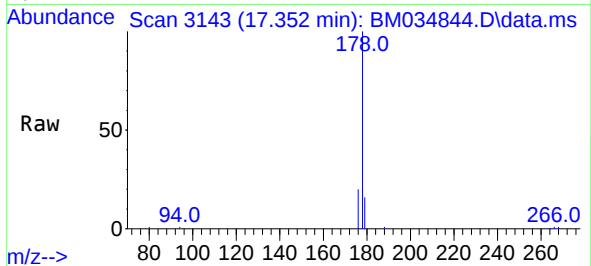




#15
Phenanthrene
Concen: 0.414 ng/ul
RT: 17.352 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

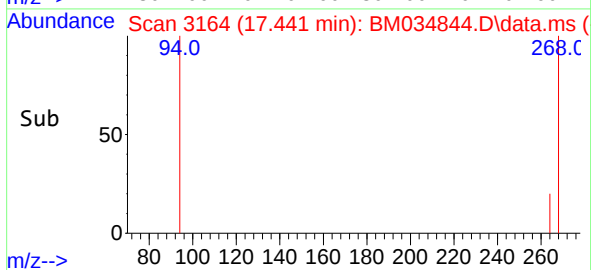
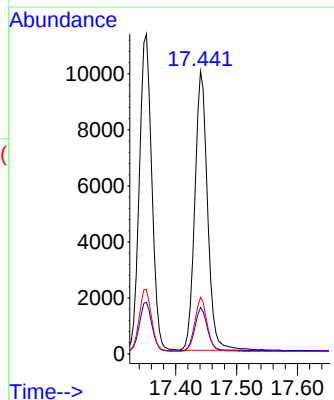
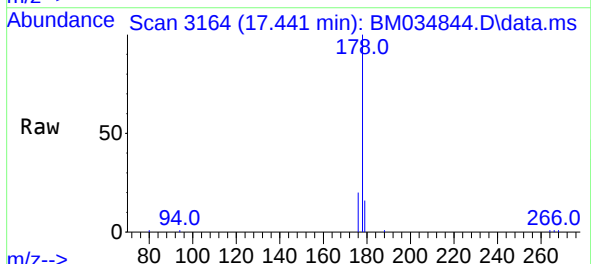
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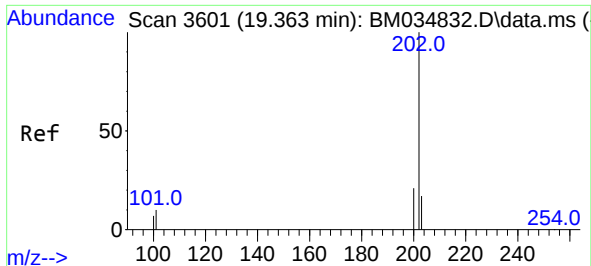
Tgt Ion:	178	Resp:	16045
Ion Ratio	Lower	Upper	
178	100		
179	16.2	15.0	22.6
176	20.2	17.9	26.9



#16
Anthracene
Concen: 0.419 ng/ul
RT: 17.441 min Scan# 3164
Delta R.T. -0.006 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

Tgt Ion:	178	Resp:	14461
Ion Ratio	Lower	Upper	
178	100		
179	16.4	16.5	24.7#
176	20.1	18.3	27.5

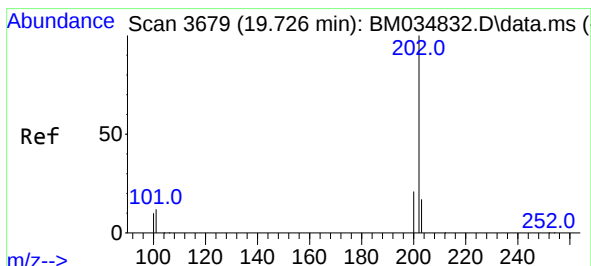
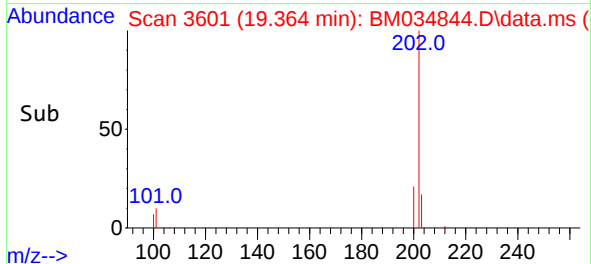
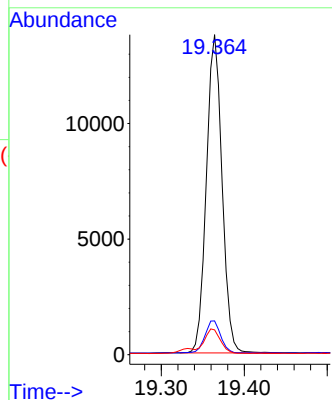
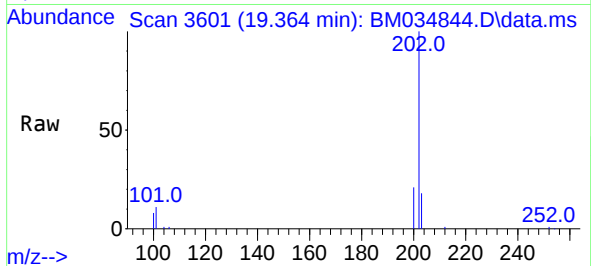




#19
Fluoranthene
Concen: 0.431 ng/u1
RT: 19.364 min Scan# 3601
Delta R.T. -0.002 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

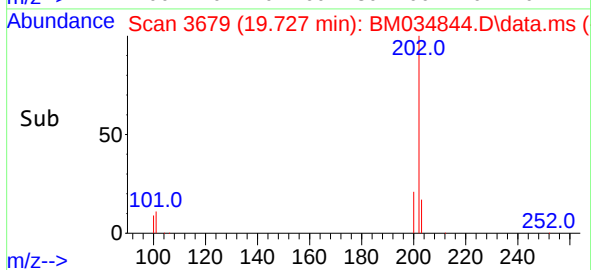
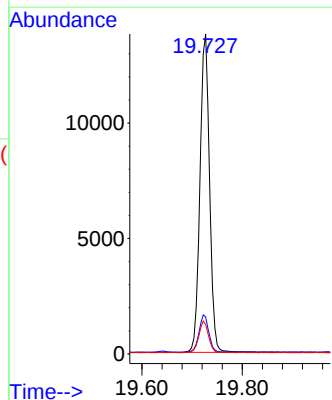
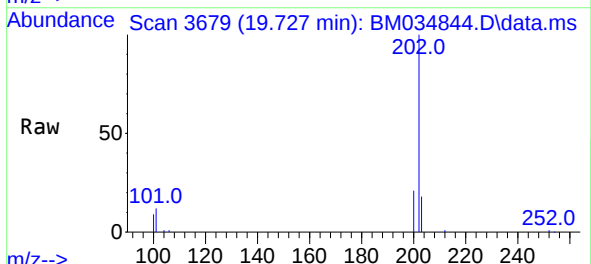
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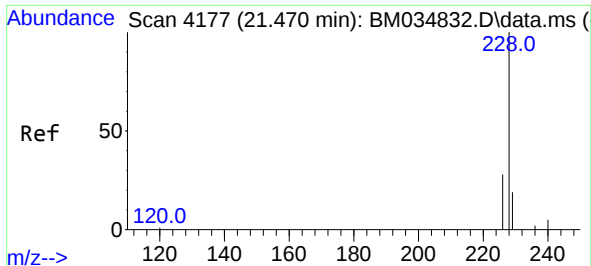
Tgt Ion:	202	Resp:	18103
Ion Ratio	Lower	Upper	
202	100		
101	10.6	9.2	13.8
100	7.7	7.2	10.8



#20
Pyrene
Concen: 0.432 ng/u1
RT: 19.727 min Scan# 3679
Delta R.T. -0.002 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

Tgt Ion:	202	Resp:	18250
Ion Ratio	Lower	Upper	
202	100		
101	11.5	9.3	13.9
100	9.1	7.8	11.6

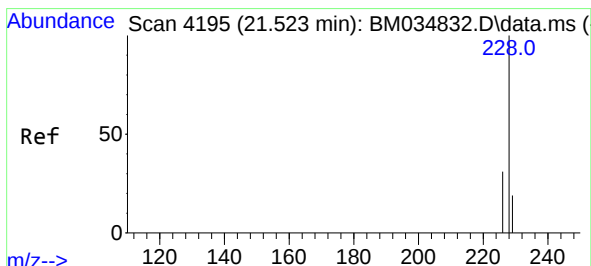
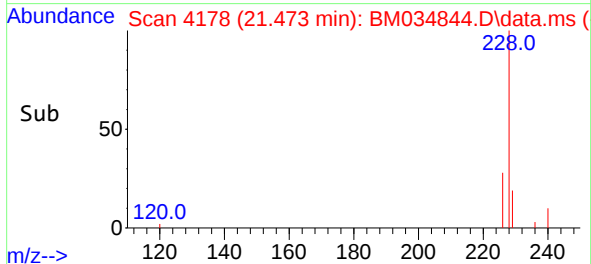
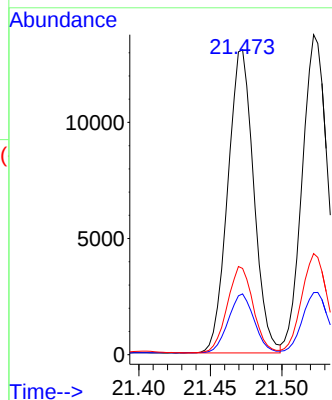
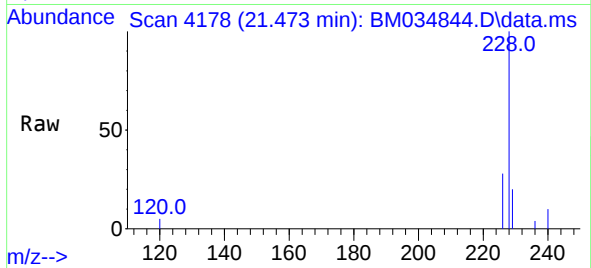




#21
Benzo(a)anthracene
Concen: 0.485 ng/ul
RT: 21.473 min Scan# 4177
Delta R.T. 0.001 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

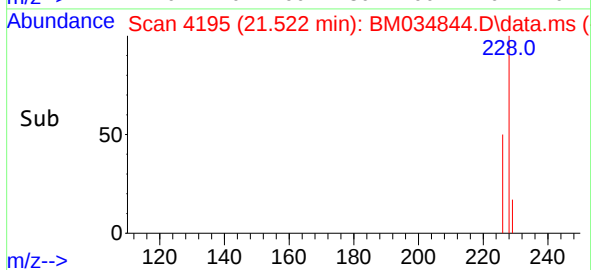
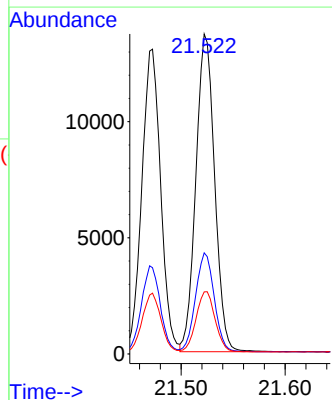
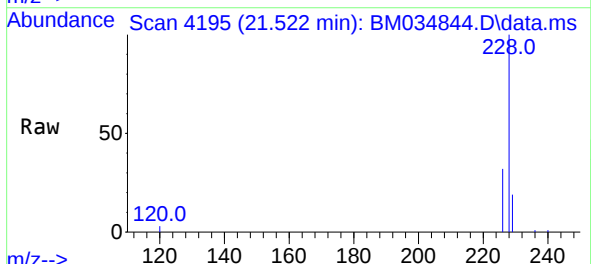
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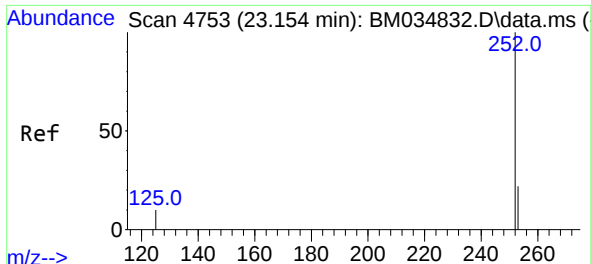
Tgt Ion:228 Resp: 16508
Ion Ratio Lower Upper
228 100
229 20.0 17.3 25.9
226 28.3 23.2 34.8



#22
Chrysene
Concen: 0.471 ng/ul
RT: 21.522 min Scan# 4195
Delta R.T. -0.002 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

Tgt Ion:228 Resp: 17109
Ion Ratio Lower Upper
228 100
226 31.6 25.8 38.8
229 19.4 16.7 25.1

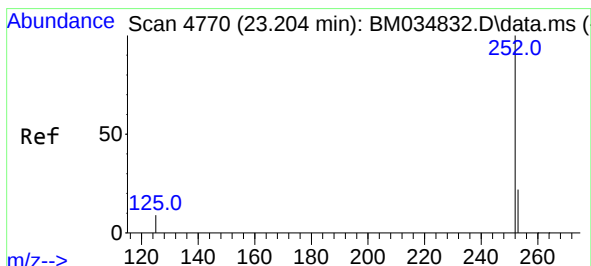
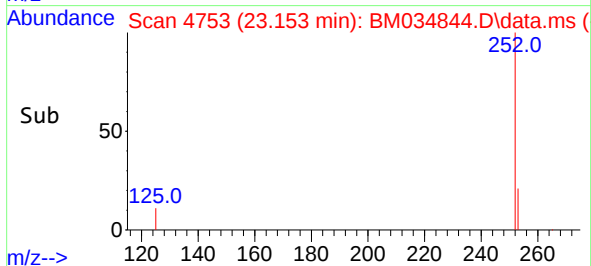
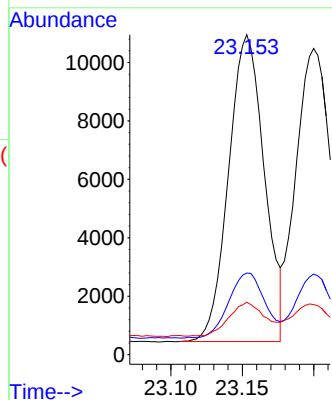
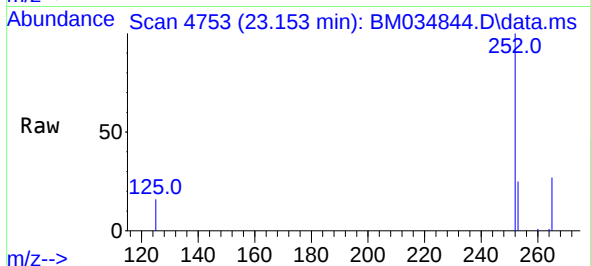




#24
Benzo(b)fluoranthene
Concen: 0.438 ng/ul
RT: 23.153 min Scan# 4753
Delta R.T. 0.001 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

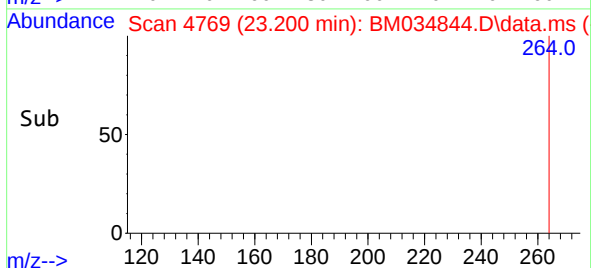
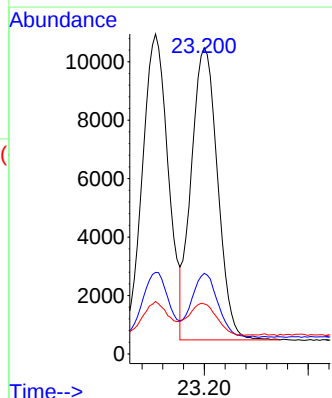
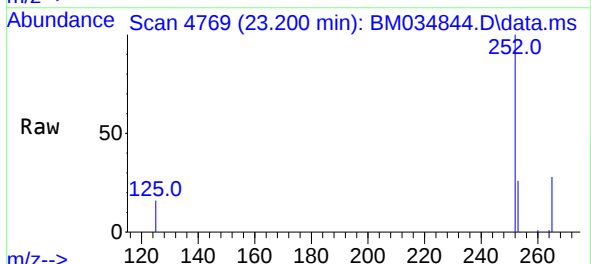
Instrument :
BNA_M
ClientSampleId :
SLCS363

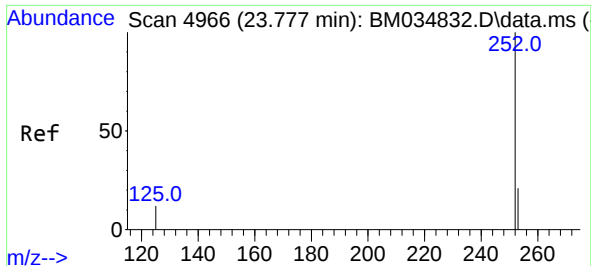
Tgt Ion:252 Resp: 18242
Ion Ratio Lower Upper
252 100
253 25.5 0.0 64.2
125 16.4 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.422 ng/ul
RT: 23.200 min Scan# 4769
Delta R.T. -0.002 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

Tgt Ion:252 Resp: 17592
Ion Ratio Lower Upper
252 100
253 26.3 26.8 40.2#
125 16.3 12.0 18.0

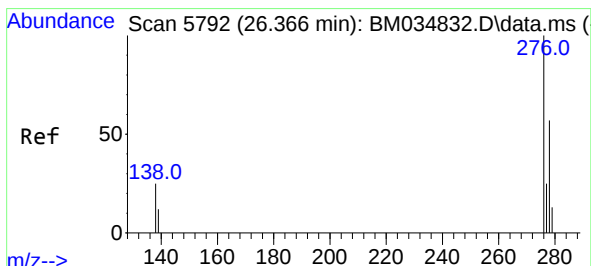
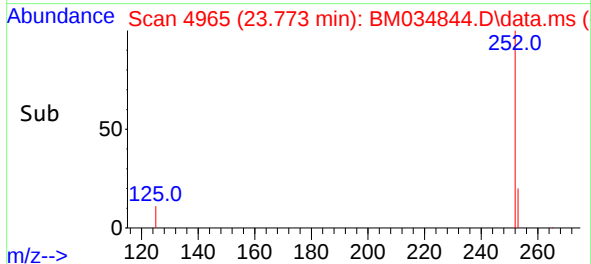
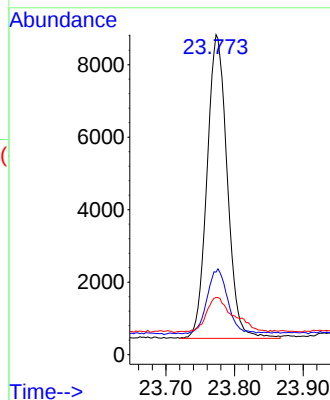
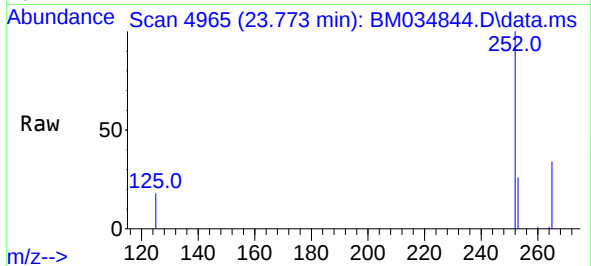




#26
Benzo(a)pyrene
Concen: 0.504 ng/ul
RT: 23.773 min Scan# 4966
Delta R.T. -0.002 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

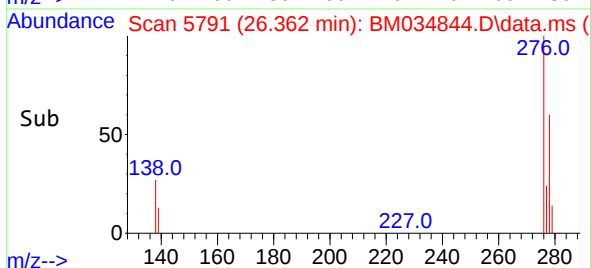
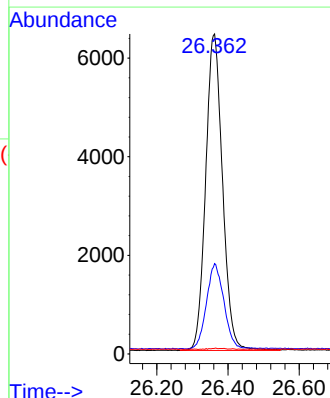
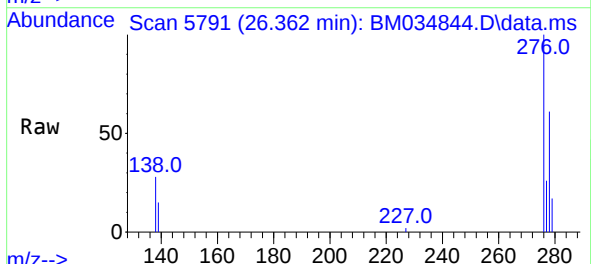
Instrument :
BNA_M
ClientSampleId :
SLCS363

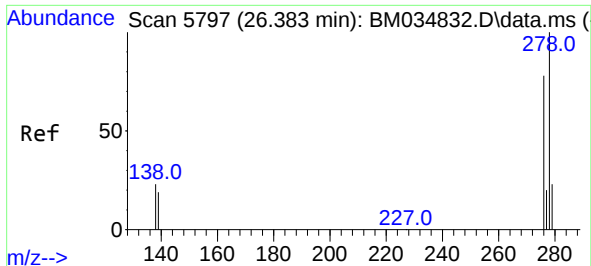
Tgt Ion:252 Resp: 17144
Ion Ratio Lower Upper
252 100
253 25.8 32.0 48.0#
125 17.8 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.442 ng/ul
RT: 26.362 min Scan# 5791
Delta R.T. 0.001 min
Lab File: BM034844.D
Acq: 26 Apr 2022 19:40

Tgt Ion:276 Resp: 21127
Ion Ratio Lower Upper
276 100
138 27.8 15.8 23.6#
227 0.2 0.0 0.0#

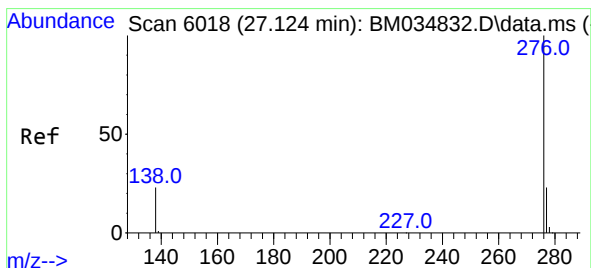
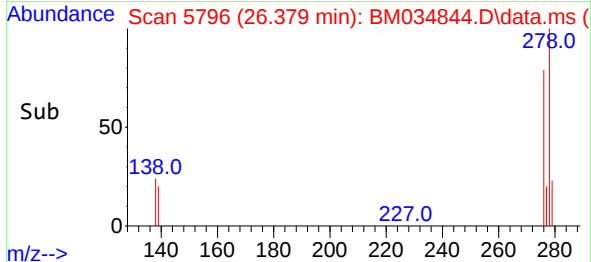
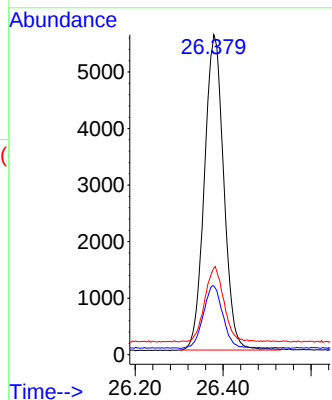
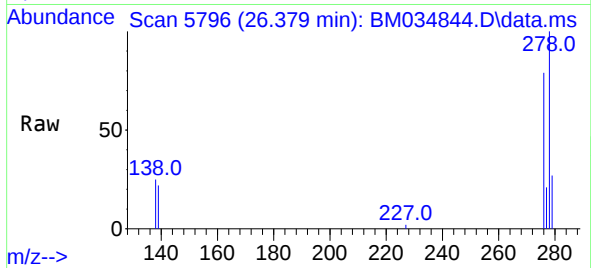




#28
 Dibenzo(a,h)anthracene
 Concen: 0.439 ng/ul
 RT: 26.379 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: BM034844.D
 Acq: 26 Apr 2022 19:40

Instrument :
 BNA_M
 ClientSampleId :
 SLCS363

Tgt Ion:278 Resp: 17070
 Ion Ratio Lower Upper
 278 100
 139 21.5 18.0 27.0
 279 27.1 28.6 42.8#



#29
 Benzo(g,h,i)perylene
 Concen: 0.442 ng/ul
 RT: 27.120 min Scan# 6017
 Delta R.T. 0.001 min
 Lab File: BM034844.D
 Acq: 26 Apr 2022 19:40

Tgt Ion:276 Resp: 18226
 Ion Ratio Lower Upper
 276 100
 138 24.4 17.4 26.0
 277 25.0 22.6 33.8

