

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036942.D
 Acq On : 11 Oct 2022 12:49
 Operator : CG/JU
 Sample : N4991-02
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BE9

Quant Time: Oct 12 01:26:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

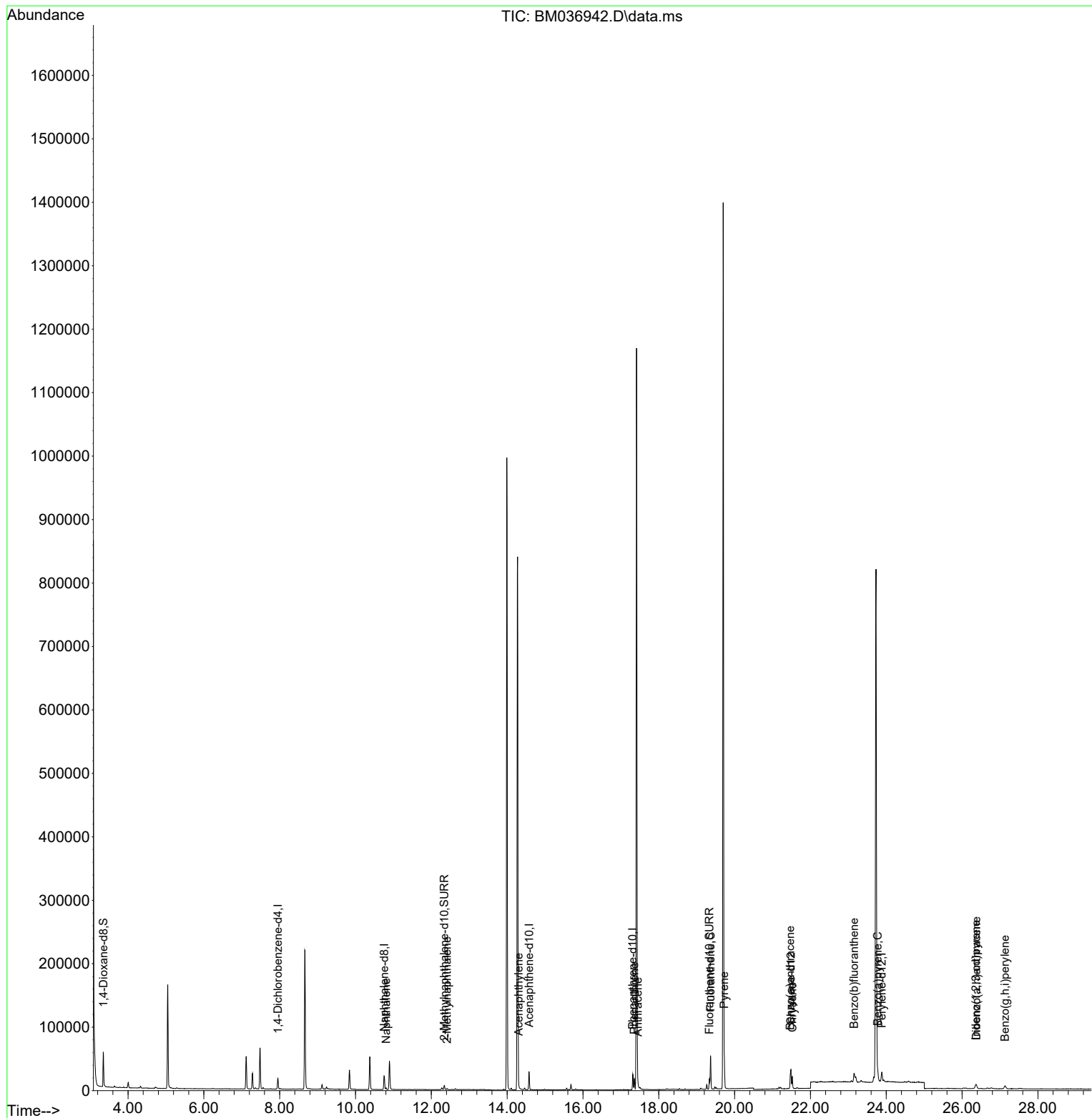
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8732	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	30030	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.581	164	15389	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	28724	0.400	ng/ul	0.00
17) Chrysene-d12	21.484	240	21469	0.400	ng/ul	0.00
23) Perylene-d12	23.881	264	21560	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	33505	2.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	8658	0.191	ng/ul	0.00
18) Fluoranthene-d10	19.337	212	17036	0.265	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	3559	0.041	ng/ul#	93
7) 2-Methylnaphthalene	12.415	142	1303	0.025	ng/ul	93
10) Acenaphthylene	14.303	152	3580	0.056	ng/ul#	90
15) Phenanthrene	17.356	178	17879	0.195	ng/ul	99
16) Anthracene	17.449	178	3859	0.050	ng/ul#	90
19) Fluoranthene	19.364	202	43970	0.515	ng/ul	99
20) Pyrene	19.727	202	37940	0.426	ng/ul	100
21) Benzo(a)anthracene	21.467	228	16933	0.218	ng/ul	96
22) Chrysene	21.522	228	18923	0.227	ng/ul	97
24) Benzo(b)fluoranthene	23.153	252	24063	0.250	ng/ul#	66
26) Benzo(a)pyrene	23.776	252	15197	0.194	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.365	276	11879	0.107	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.376	278	2806	0.031	ng/ul#	1
29) Benzo(g,h,i)perylene	27.134	276	10875	0.111	ng/ul#	84

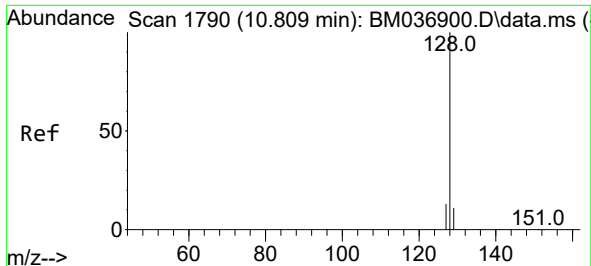
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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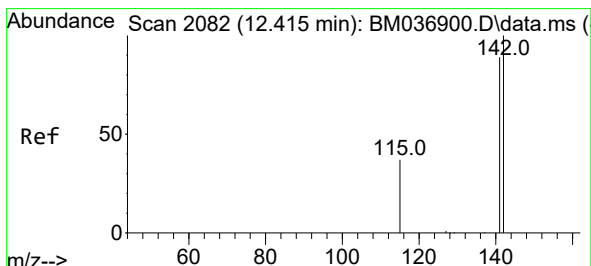
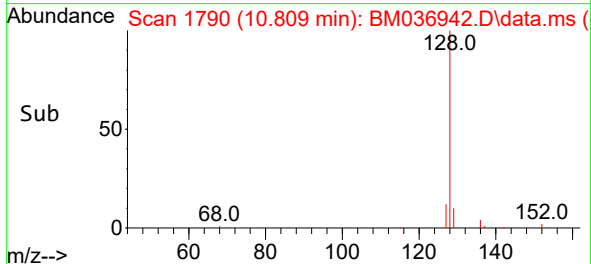
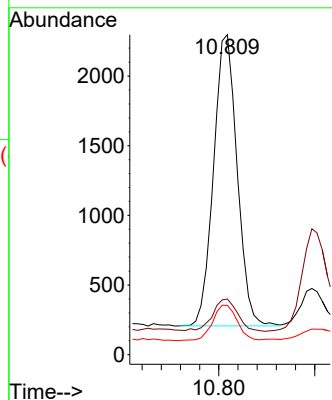
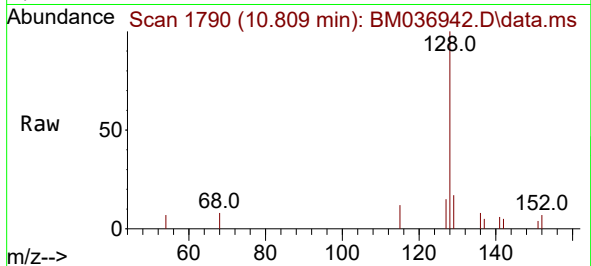




#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.809 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BM036942.D
Acq: 11 Oct 2022 12:49

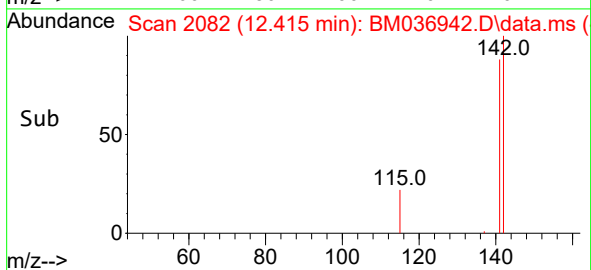
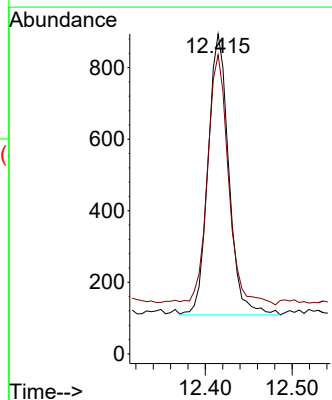
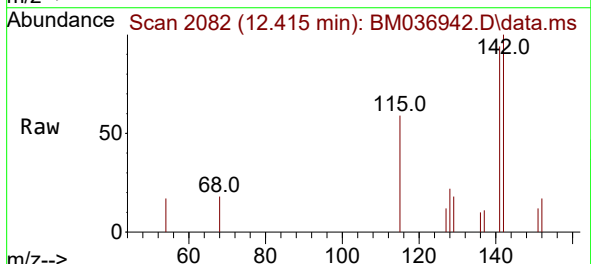
Instrument :
BNA_M
ClientSampleId :
C0BE9

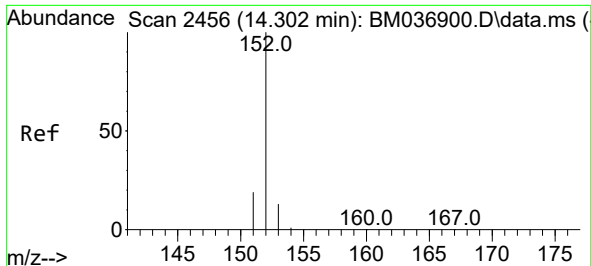
Tgt Ion:128 Resp: 3559
Ion Ratio Lower Upper
128 100
129 17.4 10.2 15.2#
127 15.4 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM036942.D
Acq: 11 Oct 2022 12:49

Tgt Ion:142 Resp: 1303
Ion Ratio Lower Upper
142 100
141 89.9 77.4 116.0

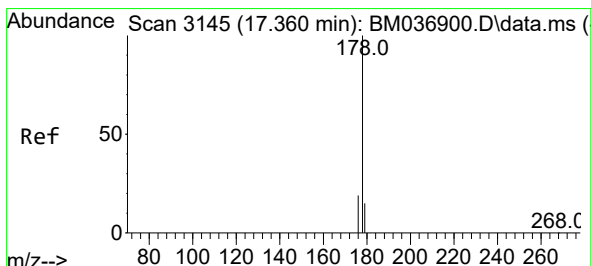
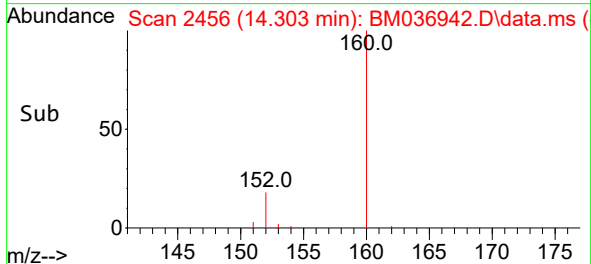
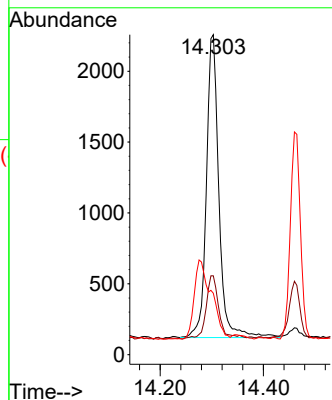
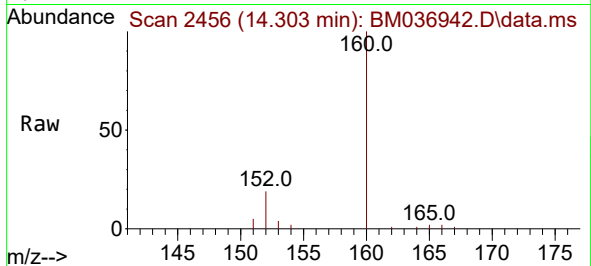




#10
Acenaphthylene
Concen: 0.056 ng/ul
RT: 14.303 min Scan# 2456
Delta R.T. 0.006 min
Lab File: BM036942.D
Acq: 11 Oct 2022 12:49

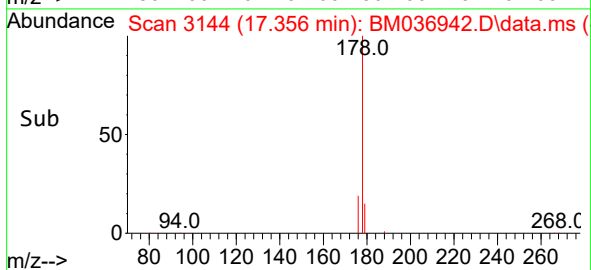
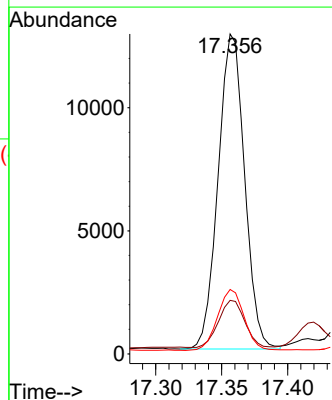
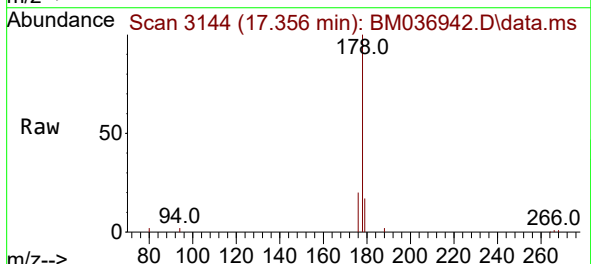
Instrument :
BNA_M
ClientSampleId :
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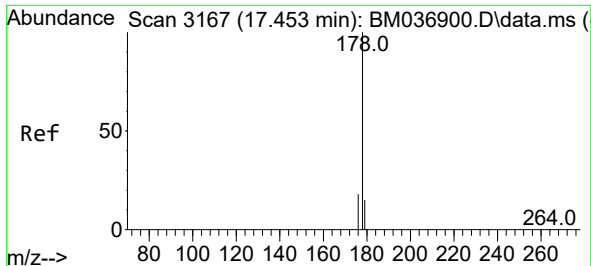
Tgt Ion:152 Resp: 3580
Ion Ratio Lower Upper
152 100
151 24.6 16.6 24.8
153 19.2 11.4 17.0#



#15
Phenanthrene
Concen: 0.195 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM036942.D
Acq: 11 Oct 2022 12:49

Tgt Ion:178 Resp: 17879
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.6
176 20.2 15.6 23.4

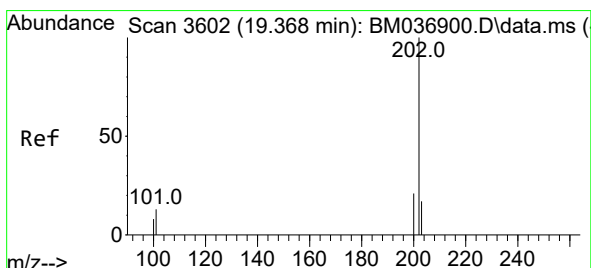
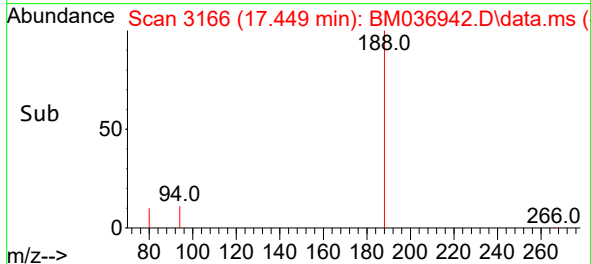
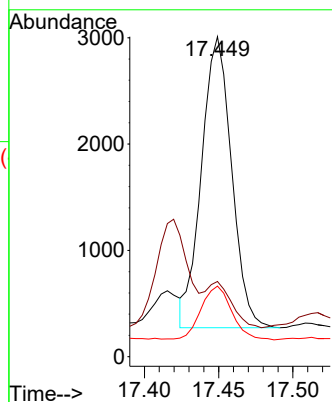
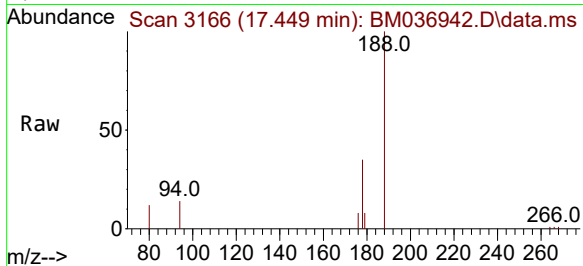




#16
 Anthracene
 Concen: 0.050 ng/ul
 RT: 17.449 min Scan# 3166
 Delta R.T. 0.001 min
 Lab File: BM036942.D
 Acq: 11 Oct 2022 12:49

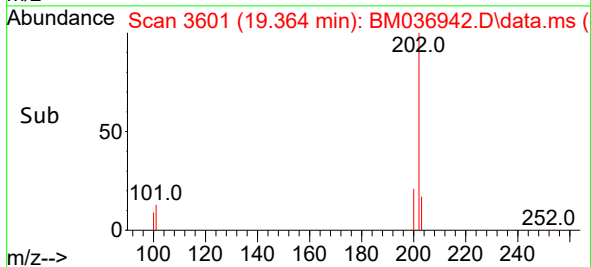
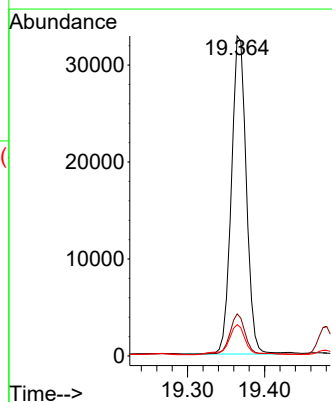
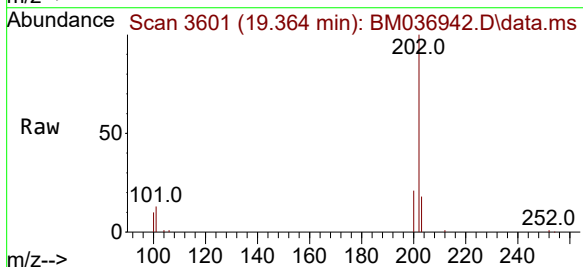
Instrument :
 BNA_M
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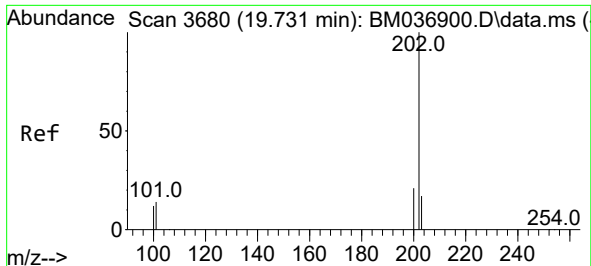
Tgt Ion:178 Resp: 3859
 Ion Ratio Lower Upper
 178 100
 179 23.5 13.6 20.4#
 176 22.1 15.6 23.4



#19
 Fluoranthene
 Concen: 0.515 ng/ul
 RT: 19.364 min Scan# 3601
 Delta R.T. 0.001 min
 Lab File: BM036942.D
 Acq: 11 Oct 2022 12:49

Tgt Ion:202 Resp: 43970
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.1 15.1
 100 9.8 7.9 11.9

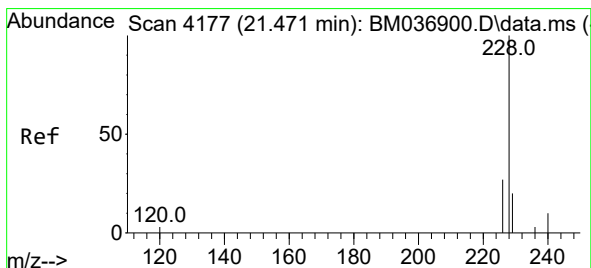
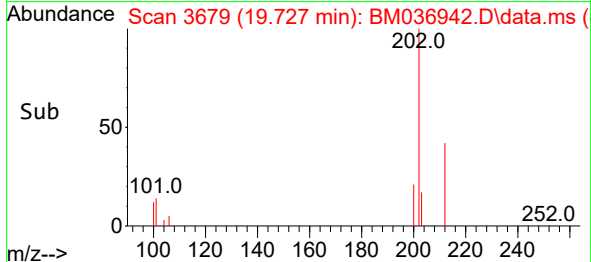
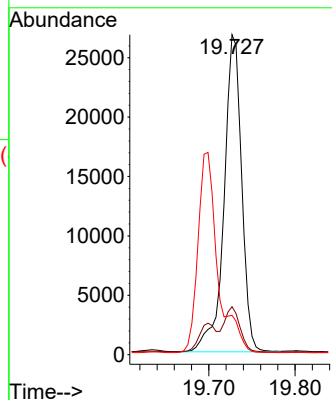
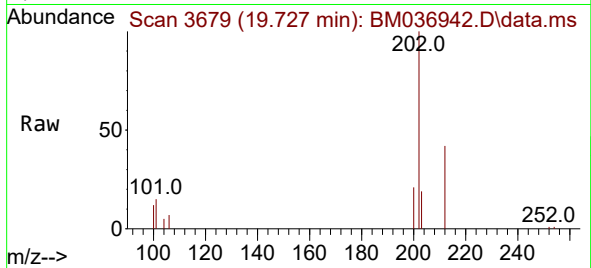




#20
Pyrene
Concen: 0.426 ng/ul
RT: 19.727 min Scan# 30
Delta R.T. 0.001 min
Lab File: BM036942.D
Acq: 11 Oct 2022 12:49

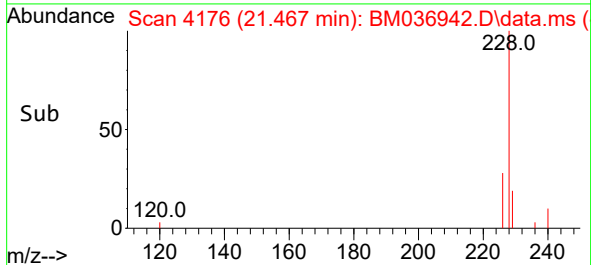
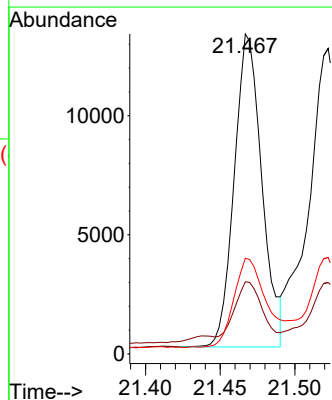
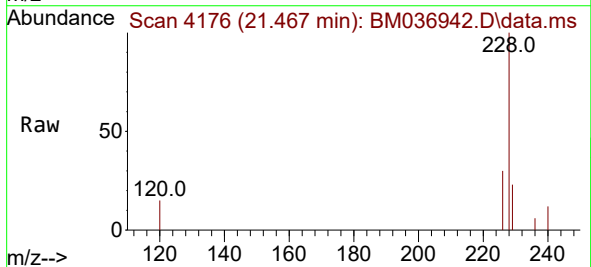
Instrument :
BNA_M
ClientSampleId :
C0BE9

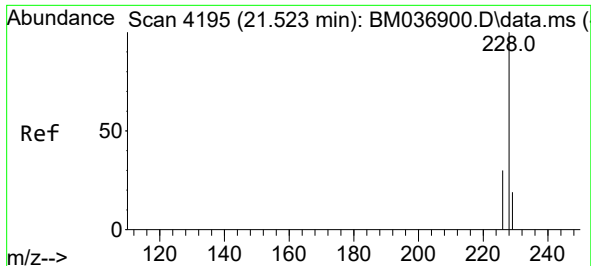
Tgt Ion:202 Resp: 37940
Ion Ratio Lower Upper
202 100
101 15.0 12.0 18.0
100 12.3 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.218 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.001 min
Lab File: BM036942.D
Acq: 11 Oct 2022 12:49

Tgt Ion:228 Resp: 16933
Ion Ratio Lower Upper
228 100
229 22.6 16.2 24.2
226 29.9 22.5 33.7





#22

Chrysene

Concen: 0.227 ng/ul

RT: 21.522 min Scan# 4195

Delta R.T. 0.002 min

Lab File: BM036942.D

Acq: 11 Oct 2022 12:49

Instrument :

BNA_M

ClientSampleId :

C0BE9

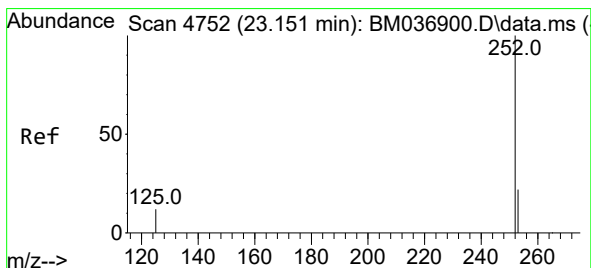
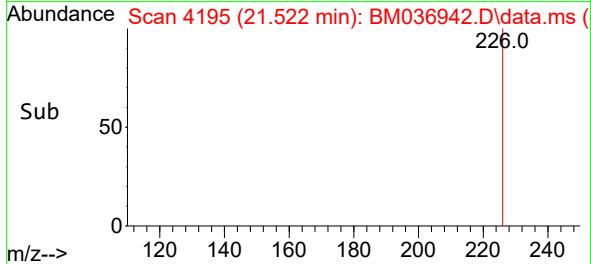
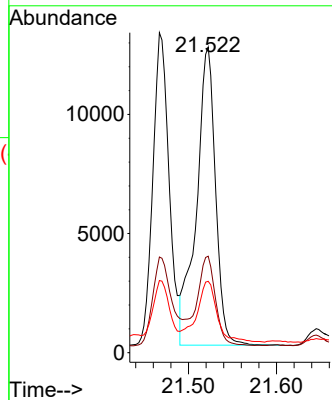
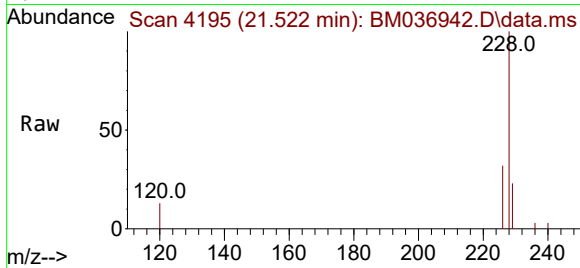
Tgt Ion:228 Resp: 18923

Ion Ratio Lower Upper

228 100

226 31.6 24.6 37.0

229 23.4 16.4 24.6



#24

Benzo(b)fluoranthene

Concen: 0.250 ng/ul

RT: 23.153 min Scan# 4753

Delta R.T. 0.008 min

Lab File: BM036942.D

Acq: 11 Oct 2022 12:49

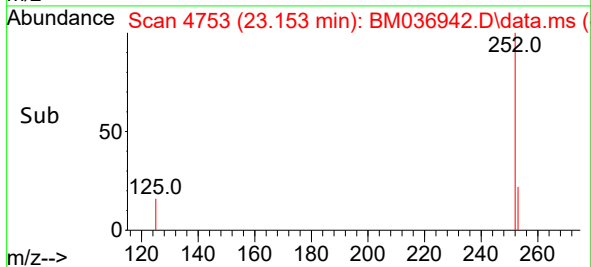
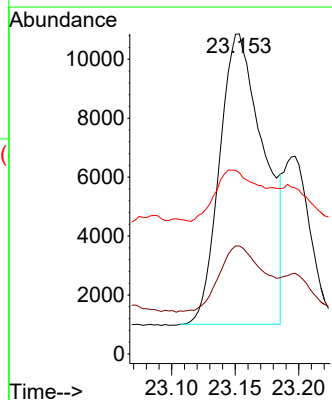
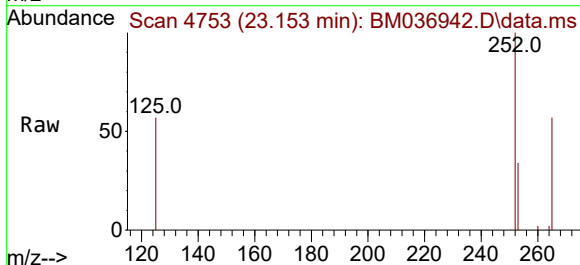
Tgt Ion:252 Resp: 24063

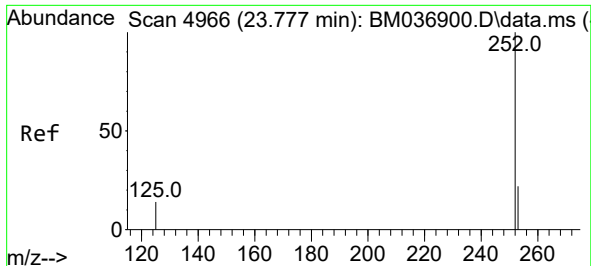
Ion Ratio Lower Upper

252 100

253 33.7 0.0 61.4

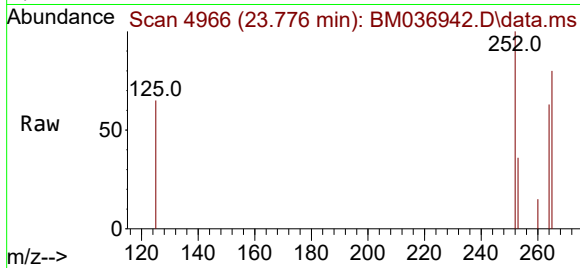
125 56.6 0.0 42.6#



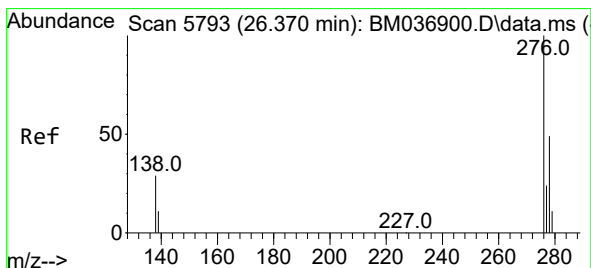
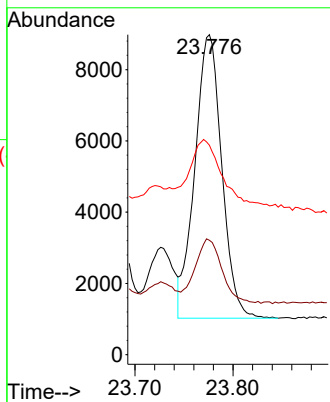
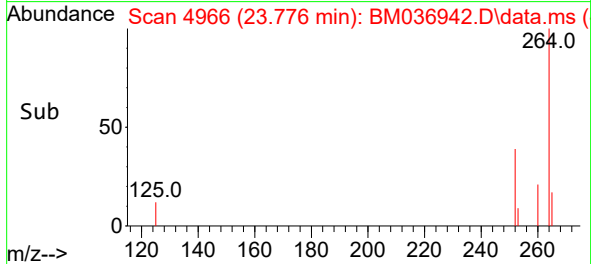


#26
Benzo(a)pyrene
Concen: 0.194 ng/ul
RT: 23.776 min Scan# 4966
Delta R.T. 0.005 min
Lab File: BM036942.D
Acq: 11 Oct 2022 12:49

Instrument :
BNA_M
ClientSampleId :
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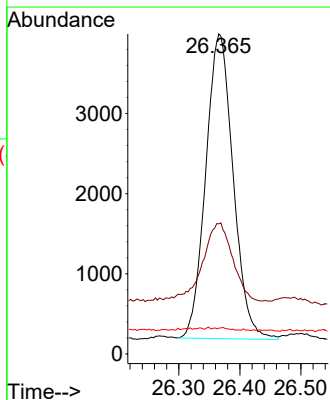
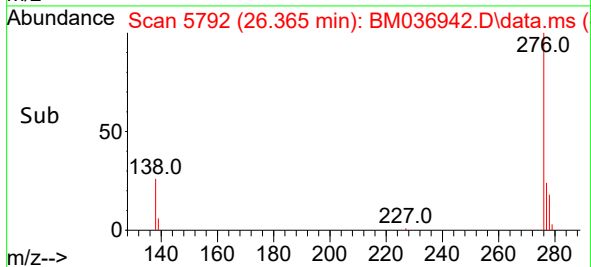
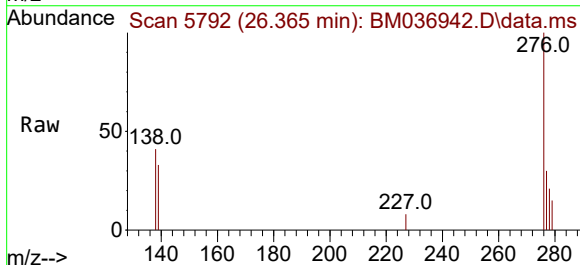


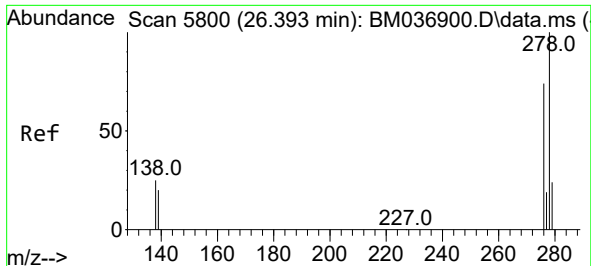
Tgt Ion:252 Resp: 15197
Ion Ratio Lower Upper
252 100
253 35.7 29.7 44.5
125 65.5 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.107 ng/ul
RT: 26.365 min Scan# 5792
Delta R.T. 0.003 min
Lab File: BM036942.D
Acq: 11 Oct 2022 12:49

Tgt Ion:276 Resp: 11879
Ion Ratio Lower Upper
276 100
138 28.7 23.9 35.9
227 0.0 0.1 0.1#

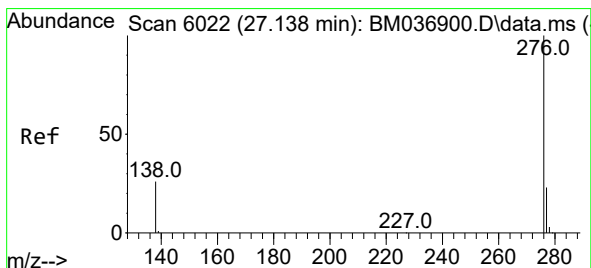
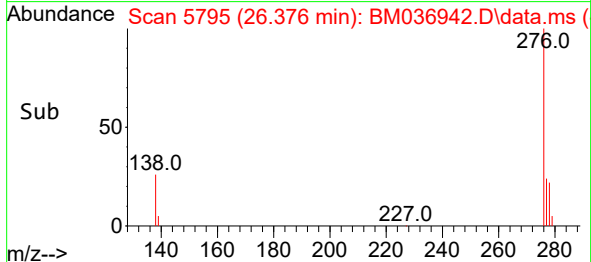
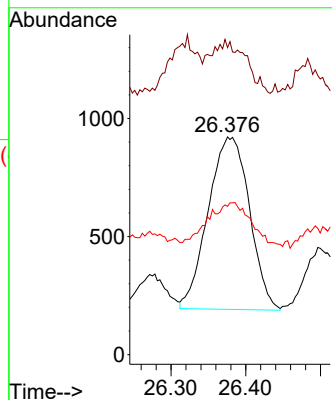
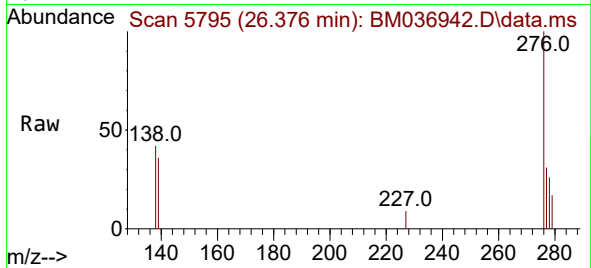




#28
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 26.376 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM036942.D
Acq: 11 Oct 2022 12:49

Instrument :
BNA_M
ClientSampleId :
C0BE9

Tgt Ion:278 Resp: 2806
Ion Ratio Lower Upper
278 100
139 141.0 19.8 29.6#
279 68.1 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.111 ng/ul
RT: 27.134 min Scan# 6021
Delta R.T. 0.006 min
Lab File: BM036942.D
Acq: 11 Oct 2022 12:49

Tgt Ion:276 Resp: 10875
Ion Ratio Lower Upper
276 100
138 41.7 23.4 35.0#
277 29.9 21.0 31.4

