

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BM036886.D
 Acq On : 08 Oct 2022 09:07
 Operator : CG/JU
 Sample : PB147999BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS999

Quant Time: Oct 10 01:24:59 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 : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

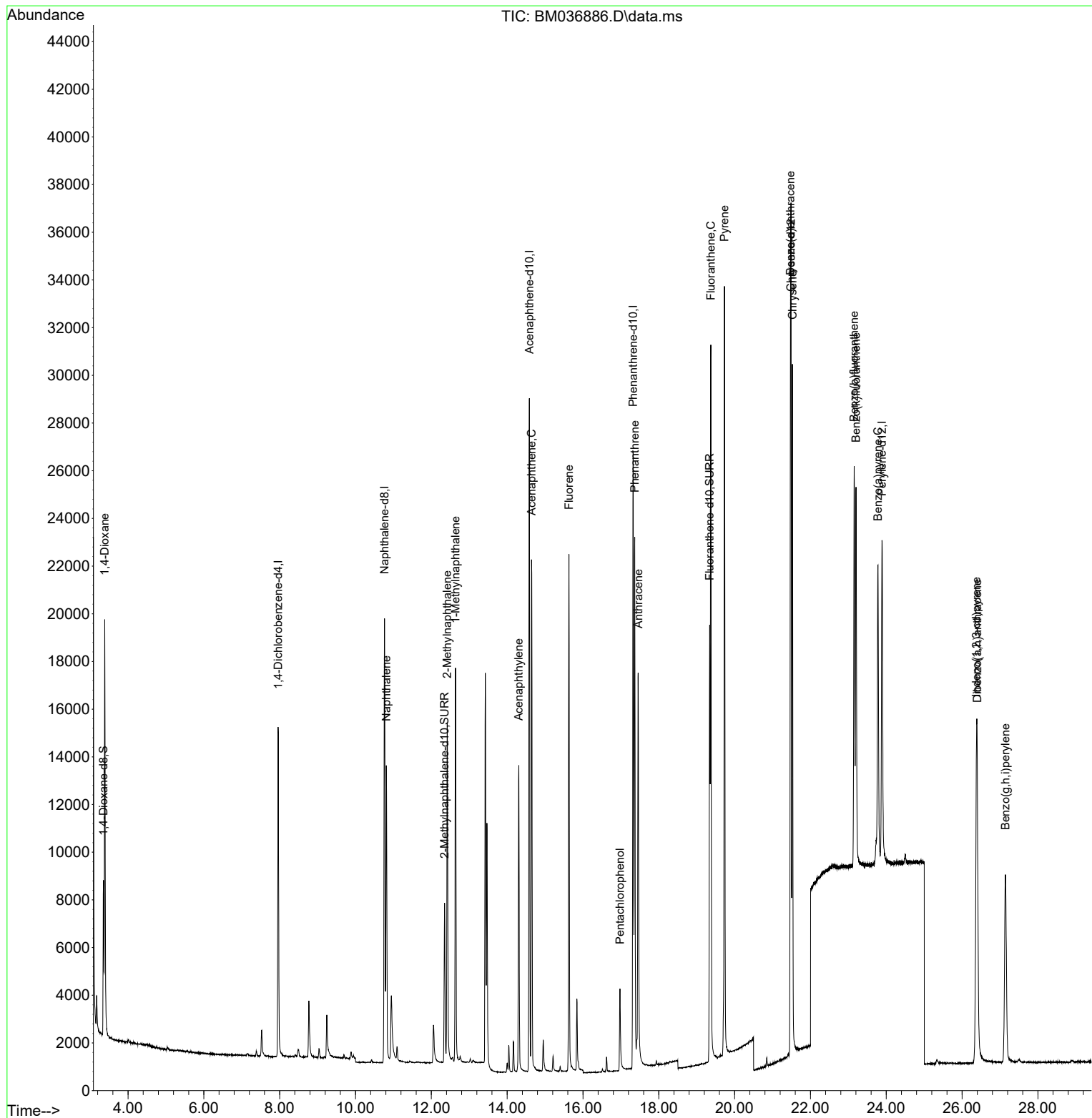
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	7458	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	25976	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.585	164	15105	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	32010	0.400	ng/ul	0.00
17) Chrysene-d12	21.487	240	26221	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	19738	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	4318	0.411	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	9647	0.246	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	20648	0.263	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	11864	1.154	ng/ul#	77
5) Naphthalene	10.814	128	17495	0.236	ng/ul	97
7) 2-Methylnaphthalene	12.420	142	11118	0.245	ng/ul	92
8) 1-Methylnaphthalene	12.640	142	11642	0.252	ng/ul	99
10) Acenaphthylene	14.307	152	15352	0.245	ng/ul	99
11) Acenaphthene	14.645	153	12506	0.230	ng/ul	99
12) Fluorene	15.631	166	14260	0.231	ng/ul	99
14) Pentachlorophenol	16.976	266	2920	0.377	ng/ul	98
15) Phenanthrene	17.365	178	24082	0.236	ng/ul	99
16) Anthracene	17.458	178	20298	0.238	ng/ul	99
19) Fluoranthene	19.374	202	26984	0.259	ng/ul	99
20) Pyrene	19.731	202	27691	0.255	ng/ul	100
21) Benzo(a)anthracene	21.473	228	23518	0.248	ng/ul	99
22) Chrysene	21.525	228	25470	0.250	ng/ul	99
24) Benzo(b)fluoranthene	23.153	252	22442	0.255	ng/ul	95
25) Benzo(k)fluoranthene	23.203	252	20890	0.243	ng/ul	96
26) Benzo(a)pyrene	23.779	252	19350	0.270	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.379	276	20431	0.202	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.399	278	16766	0.205	ng/ul	95
29) Benzo(g,h,i)perylene	27.143	276	18065	0.202	ng/ul	99

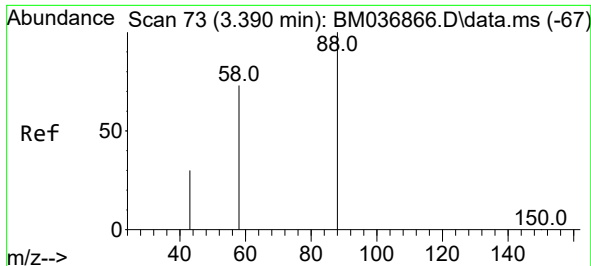
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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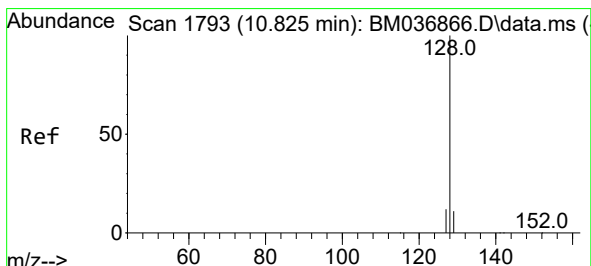
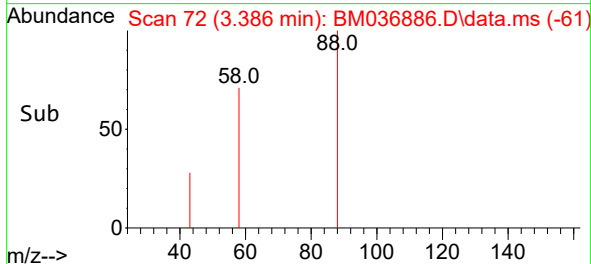
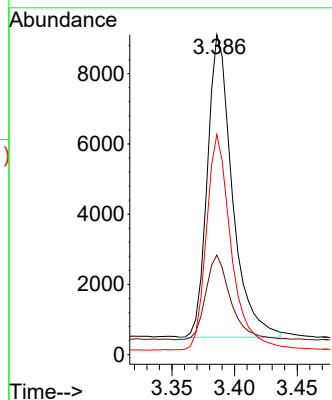
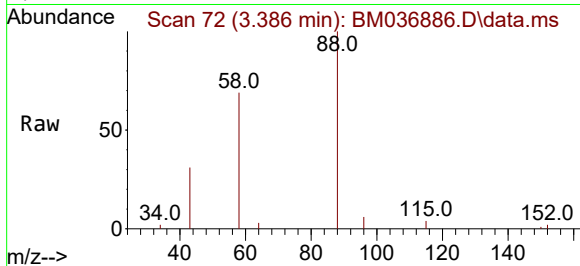




#2
1,4-Dioxane
Concen: 1.154 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

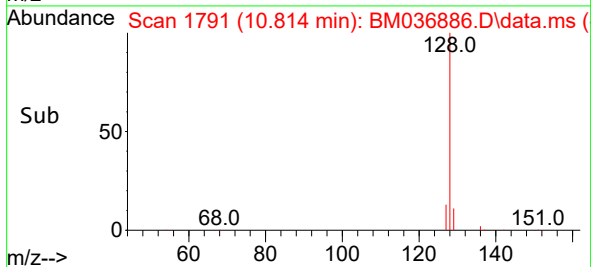
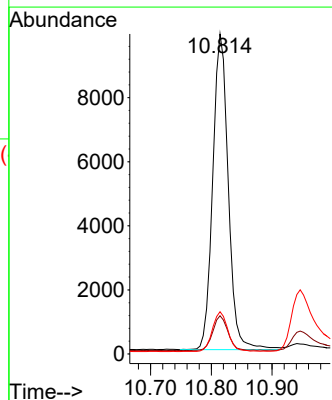
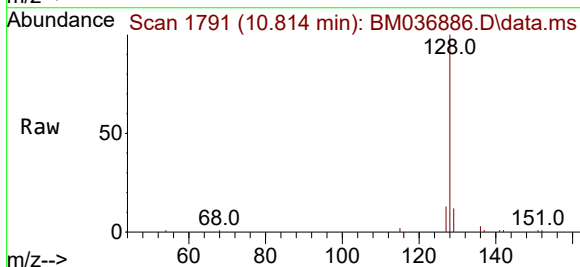
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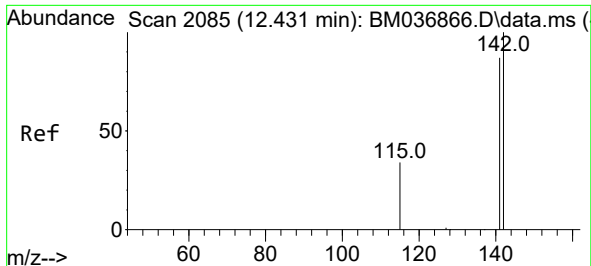
Tgt Ion: 88 Resp: 11864
Ion Ratio Lower Upper
88 100
43 31.1 37.8 56.6#
58 68.8 42.6 63.8#



#5
Naphthalene
Concen: 0.236 ng/ul
RT: 10.814 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

Tgt Ion: 128 Resp: 17495
Ion Ratio Lower Upper
128 100
129 11.9 10.2 15.2
127 13.2 11.7 17.5

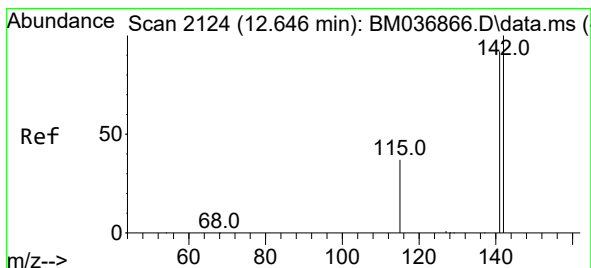
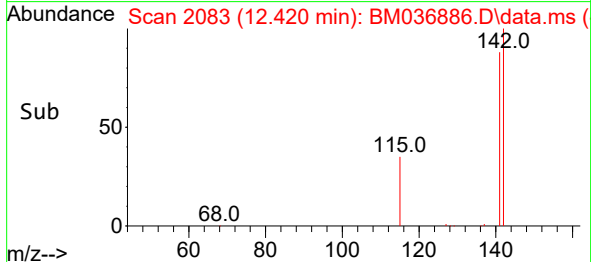
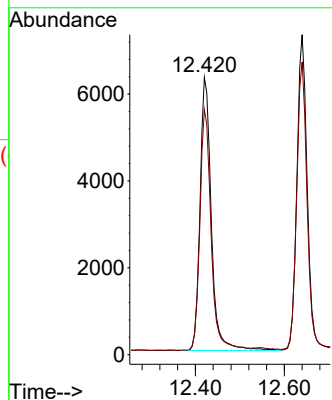
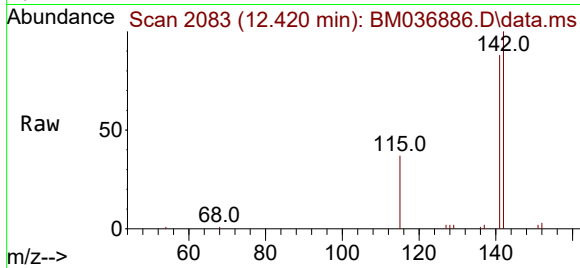




#7
2-Methylnaphthalene
Concen: 0.245 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

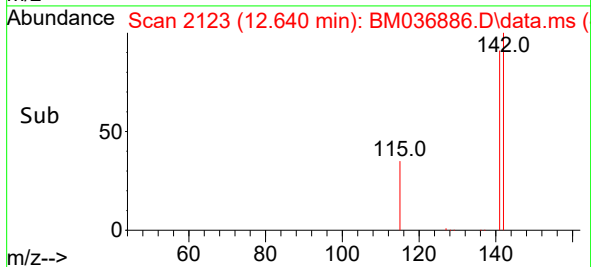
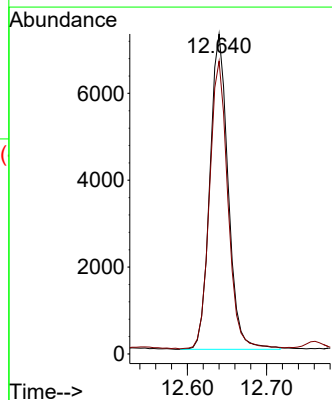
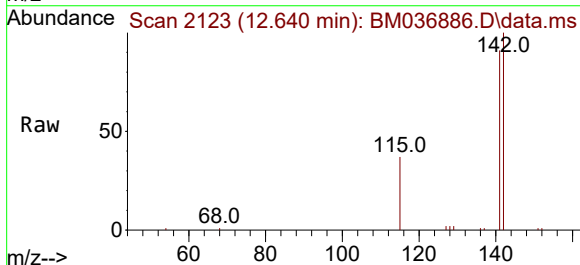
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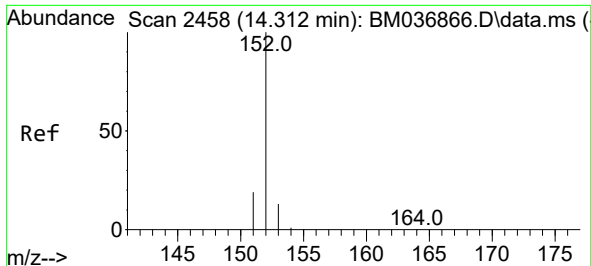
Tgt Ion:142 Resp: 11118
Ion Ratio Lower Upper
142 100
141 88.8 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.252 ng/ul
RT: 12.640 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

Tgt Ion:142 Resp: 11642
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1

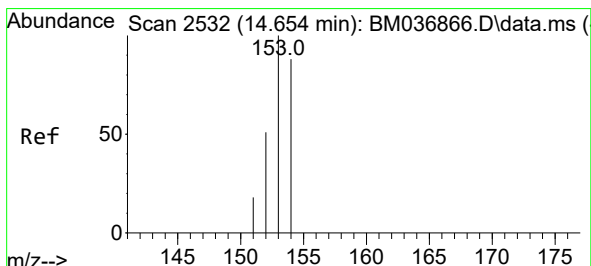
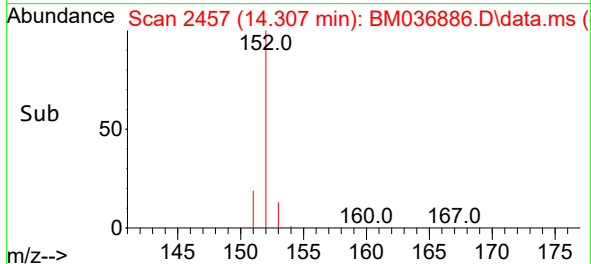
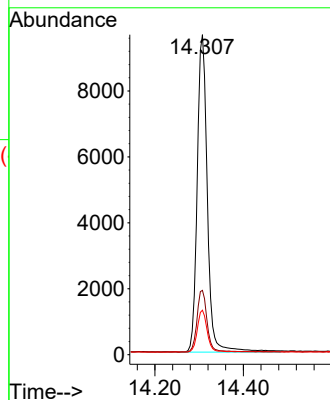
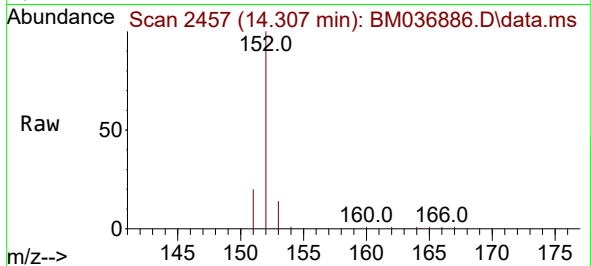




#10
Acenaphthylene
Concen: 0.245 ng/ul
RT: 14.307 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

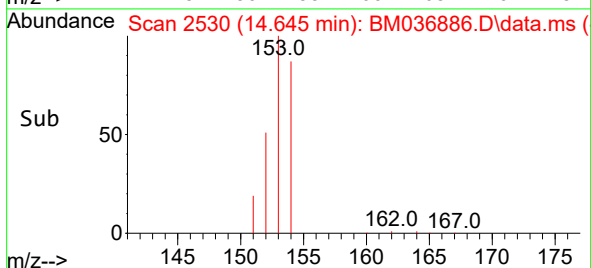
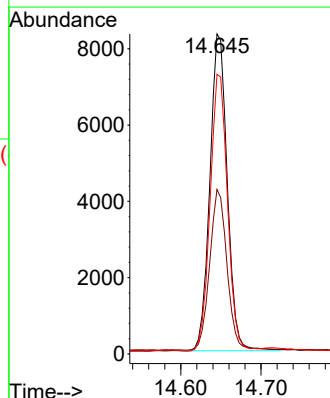
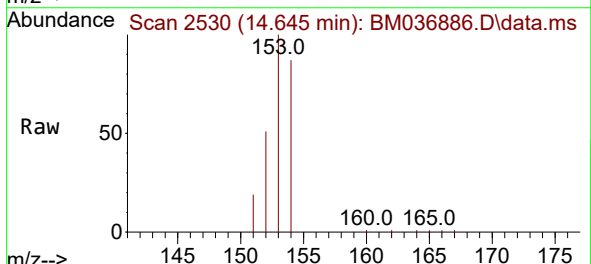
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ClientSampleId :
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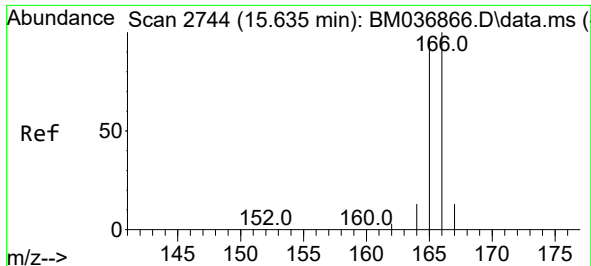
Tgt Ion:152 Resp: 15352
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.9 11.4 17.0



#11
Acenaphthene
Concen: 0.230 ng/ul
RT: 14.645 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

Tgt Ion:153 Resp: 12506
Ion Ratio Lower Upper
153 100
152 51.4 40.2 60.4
154 87.4 69.7 104.5

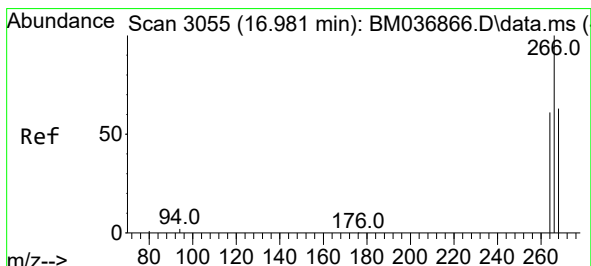
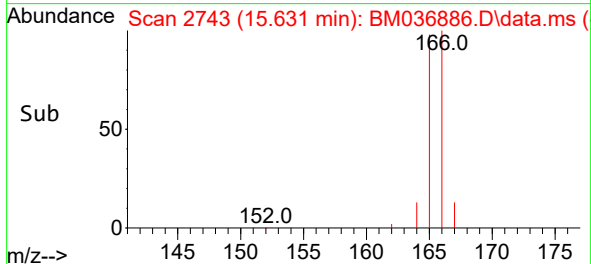
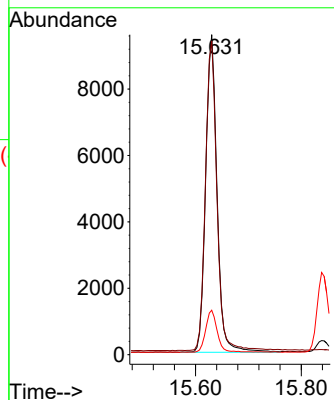
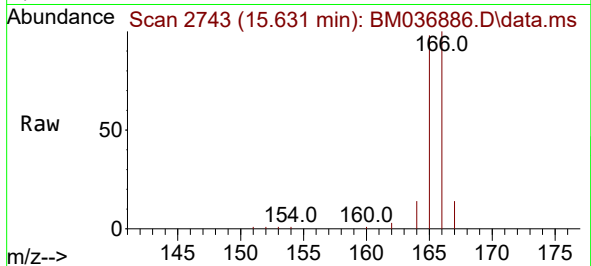




#12
Fluorene
Concen: 0.231 ng/ul
RT: 15.631 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

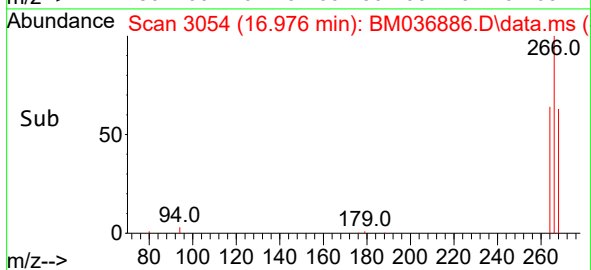
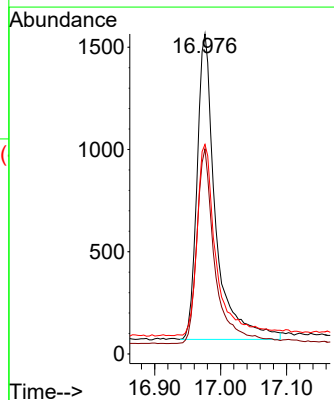
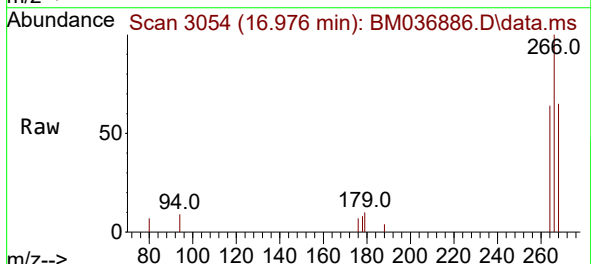
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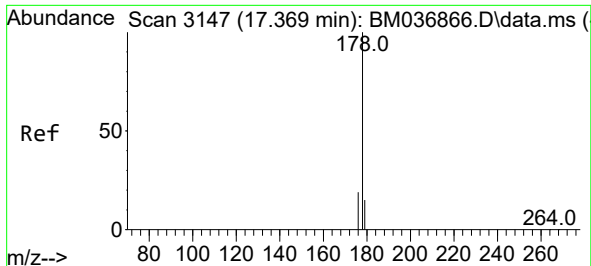
Tgt Ion:166 Resp: 14260
Ion Ratio Lower Upper
166 100
165 98.0 78.9 118.3
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.377 ng/ul
RT: 16.976 min Scan# 3054
Delta R.T. -0.000 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

Tgt Ion:266 Resp: 2920
Ion Ratio Lower Upper
266 100
264 62.7 50.3 75.5
268 64.5 53.5 80.3

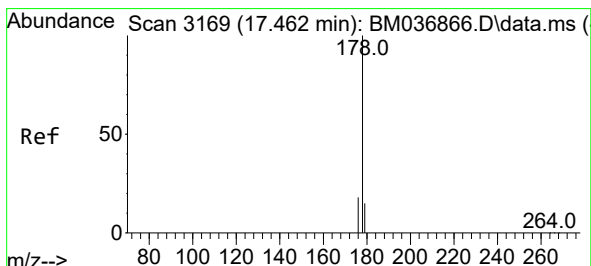
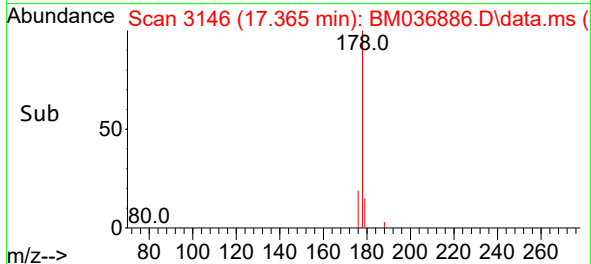
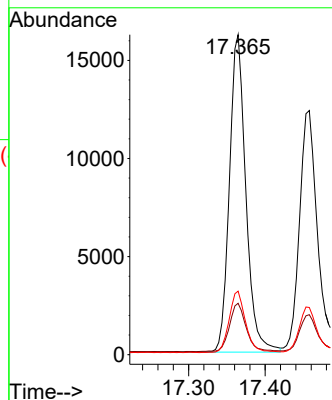
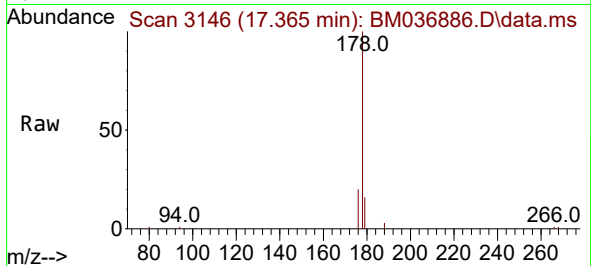




#15
Phenanthrene
Concen: 0.236 ng/ul
RT: 17.365 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

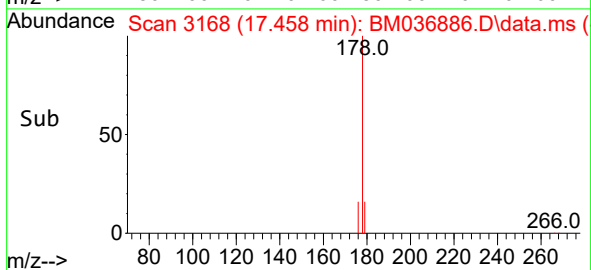
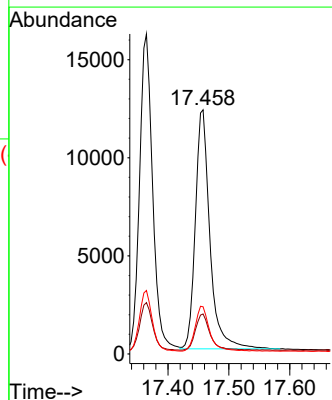
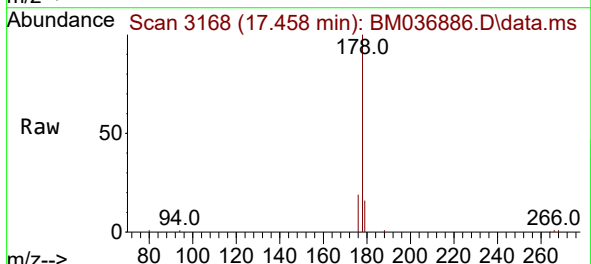
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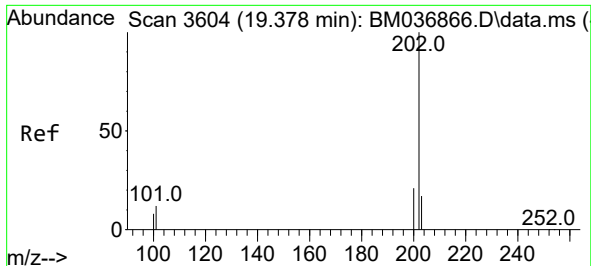
Tgt Ion:178 Resp: 24082
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.238 ng/ul
RT: 17.458 min Scan# 3168
Delta R.T. 0.004 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

Tgt Ion:178 Resp: 20298
Ion Ratio Lower Upper
178 100
179 16.4 13.6 20.4
176 19.3 15.6 23.4

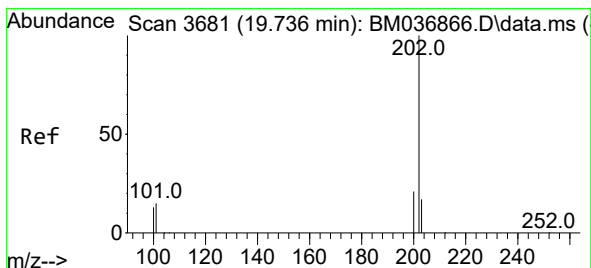
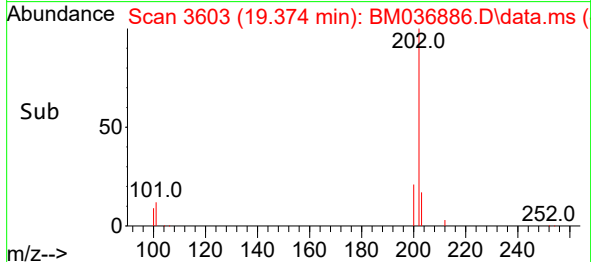
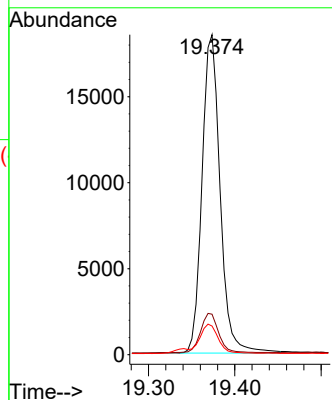
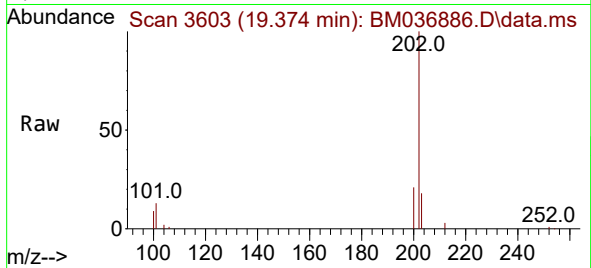




#19
Fluoranthene
Concen: 0.259 ng/ul
RT: 19.374 min Scan# 3603
Delta R.T. -0.000 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

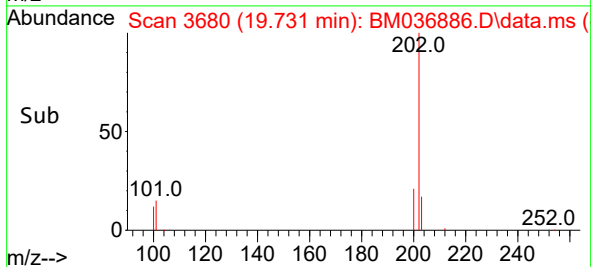
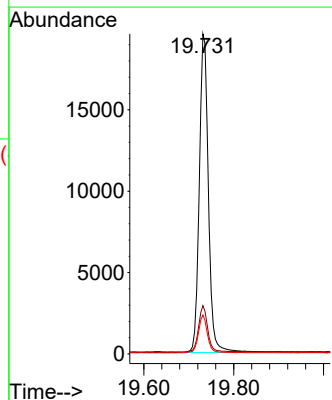
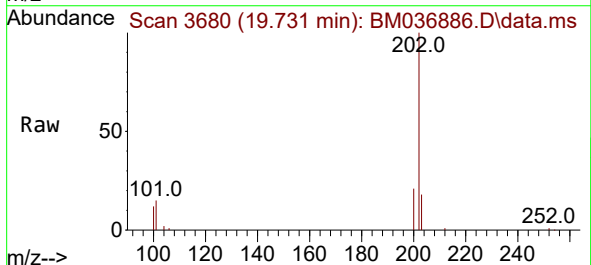
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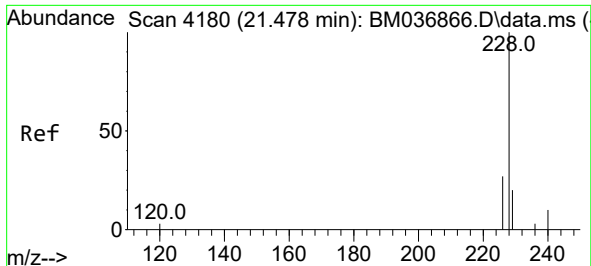
Tgt Ion:202 Resp: 26984
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 9.0 7.9 11.9



#20
Pyrene
Concen: 0.255 ng/ul
RT: 19.731 min Scan# 3680
Delta R.T. -0.000 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

Tgt Ion:202 Resp: 27691
Ion Ratio Lower Upper
202 100
101 15.1 12.0 18.0
100 12.1 9.8 14.6

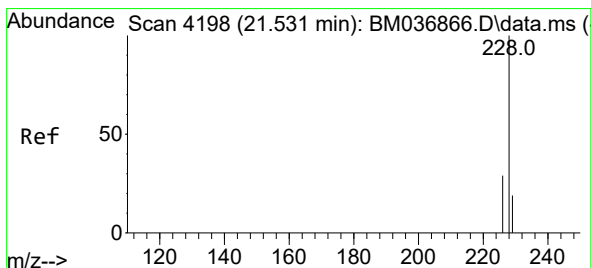
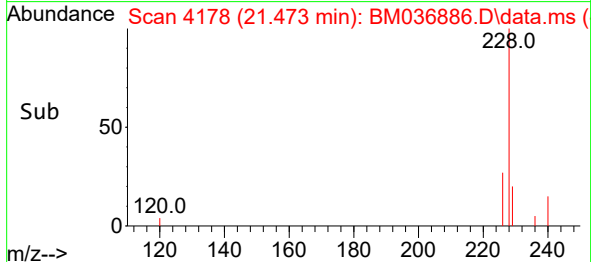
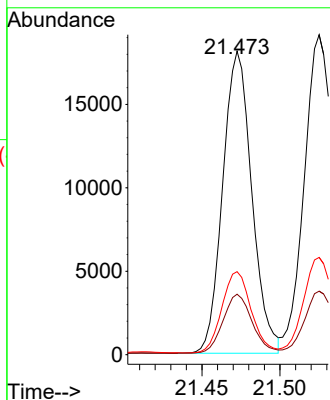
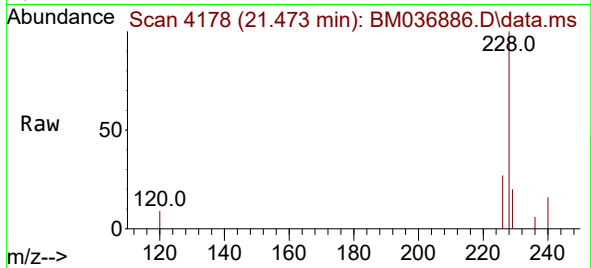




#21
Benzo(a)anthracene
Concen: 0.248 ng/ul
RT: 21.473 min Scan# 4180
Delta R.T. -0.000 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

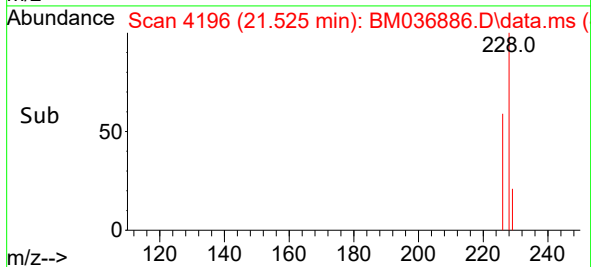
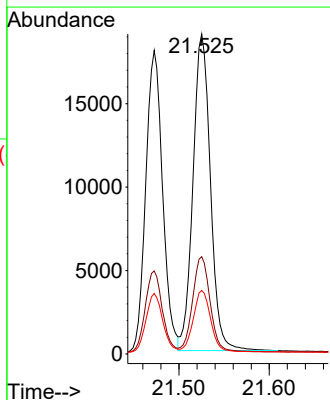
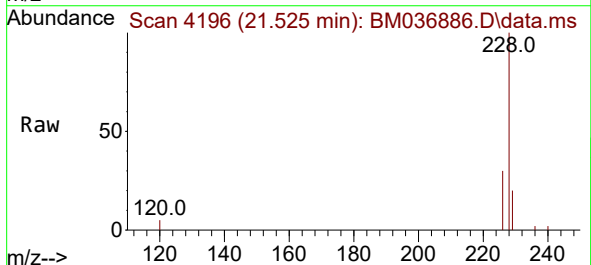
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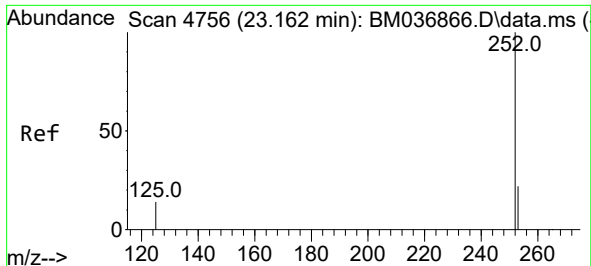
Tgt Ion:228 Resp: 23518
Ion Ratio Lower Upper
228 100
229 19.9 16.2 24.2
226 27.3 22.5 33.7



#22
Chrysene
Concen: 0.250 ng/ul
RT: 21.525 min Scan# 4196
Delta R.T. -0.000 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

Tgt Ion:228 Resp: 25470
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.8 16.4 24.6

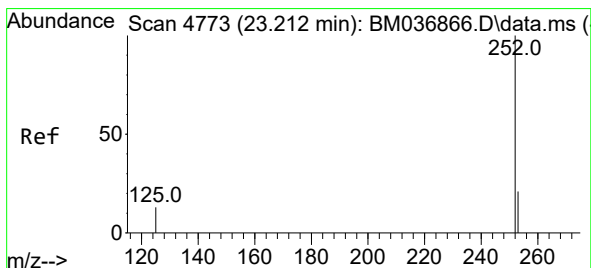
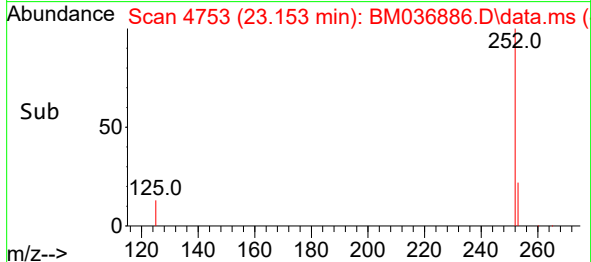
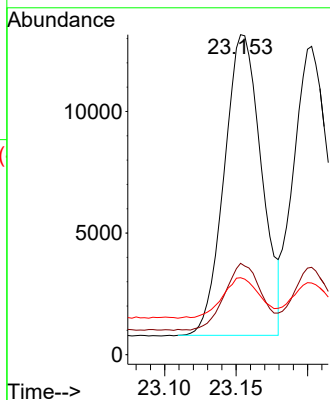
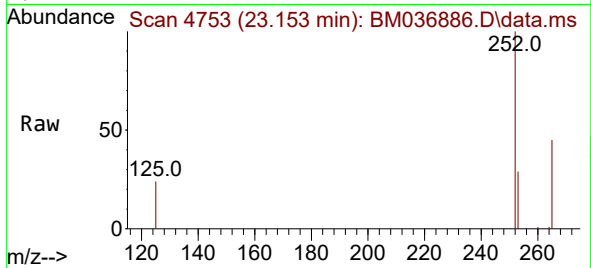




#24
Benzo(b)fluoranthene
Concen: 0.255 ng/ul
RT: 23.153 min Scan# 4753
Delta R.T. -0.003 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

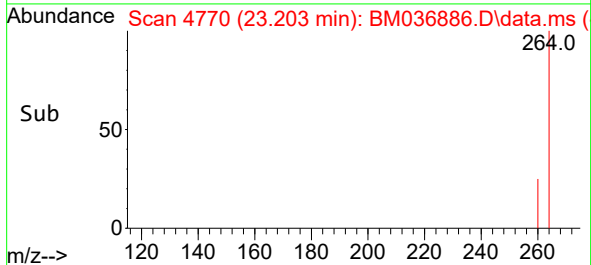
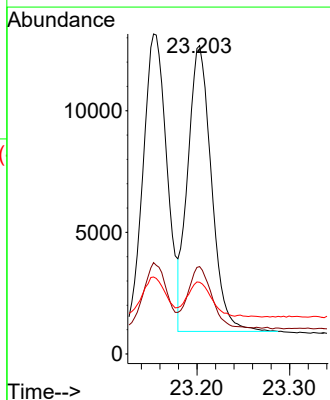
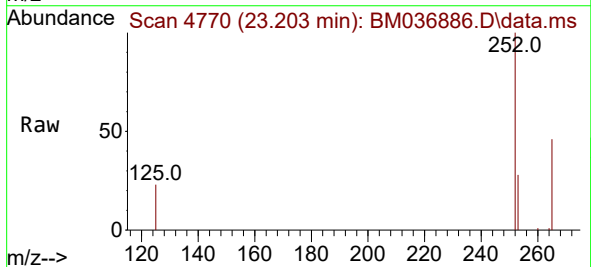
Instrument :
BNA_M
ClientSampleId :
SLCS999

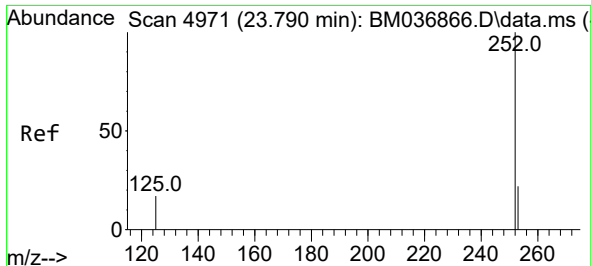
Tgt Ion:252 Resp: 22442
Ion Ratio Lower Upper
252 100
253 28.5 0.0 61.4
125 24.1 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.243 ng/ul
RT: 23.203 min Scan# 4770
Delta R.T. -0.000 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

Tgt Ion:252 Resp: 20890
Ion Ratio Lower Upper
252 100
253 28.3 25.2 37.8
125 23.2 18.3 27.5

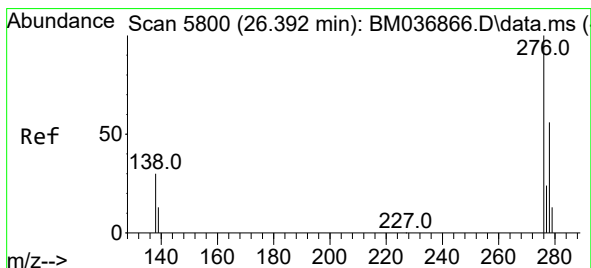
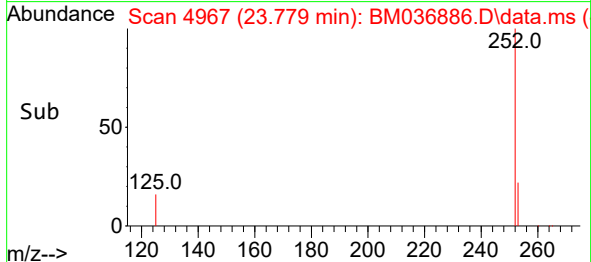
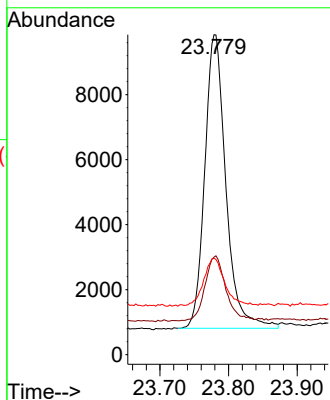
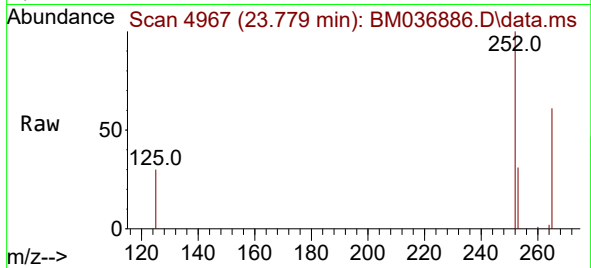




#26
Benzo(a)pyrene
Concen: 0.270 ng/ul
RT: 23.779 min Scan# 4971
Delta R.T. -0.003 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

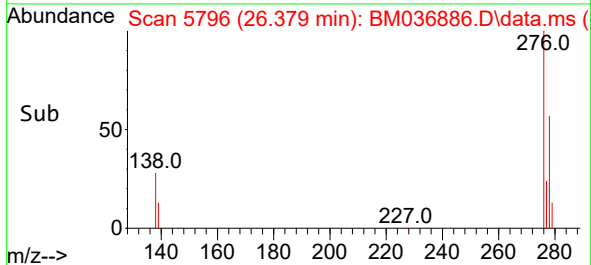
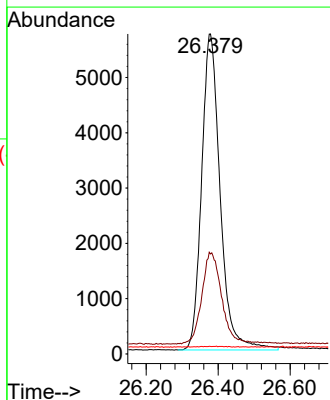
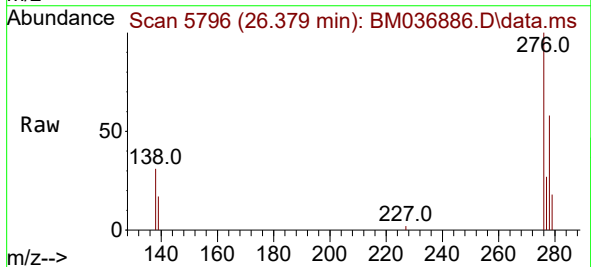
Instrument :
BNA_M
ClientSampleId :
SLCS999

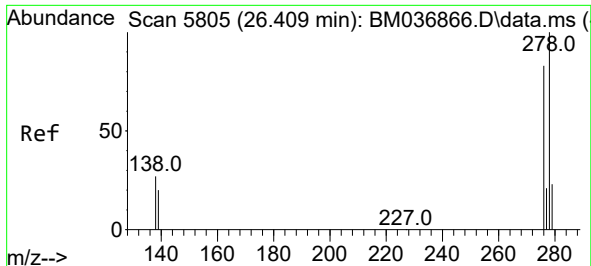
Tgt Ion:252	Resp:	19350
Ion Ratio	Lower	Upper
252	100	
253	30.5	29.7 44.5
125	30.2	23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.202 ng/ul
RT: 26.379 min Scan# 5796
Delta R.T. -0.004 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

Tgt Ion:276	Resp:	20431
Ion Ratio	Lower	Upper
276	100	
138	31.3	23.9 35.9
227	0.0	0.1 0.1#

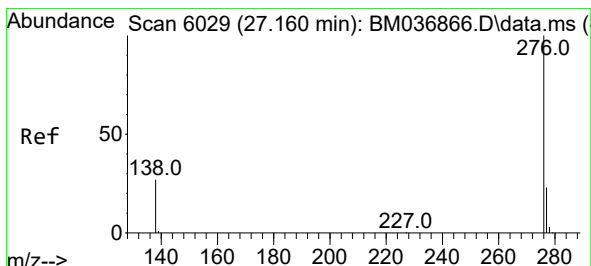
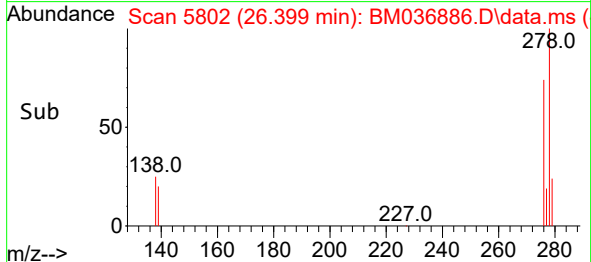
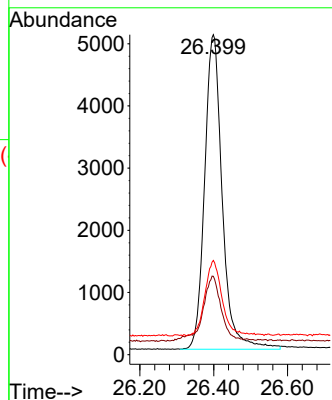
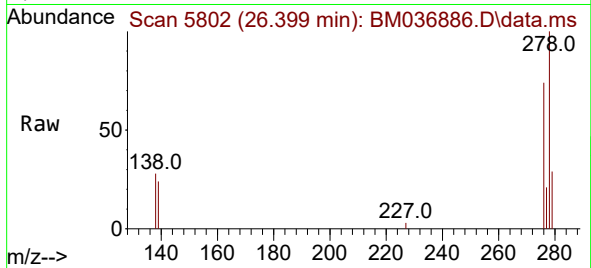




#28
Dibenzo(a,h)anthracene
Concen: 0.205 ng/ul
RT: 26.399 min Scan# 5805
Delta R.T. -0.000 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

Instrument :
BNA_M
ClientSampleId :
SLCS999

Tgt Ion:278 Resp: 16766
Ion Ratio Lower Upper
278 100
139 24.5 19.8 29.6
279 29.5 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.202 ng/ul
RT: 27.143 min Scan# 6024
Delta R.T. -0.004 min
Lab File: BM036886.D
Acq: 08 Oct 2022 09:07

Tgt Ion:276 Resp: 18065
Ion Ratio Lower Upper
276 100
138 29.4 23.4 35.0
277 25.4 21.0 31.4

