

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036905.D
 Acq On : 10 Oct 2022 13:37
 Operator : CG/JU
 Sample : PB147999BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS999

Quant Time: Oct 10 14:56:52 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

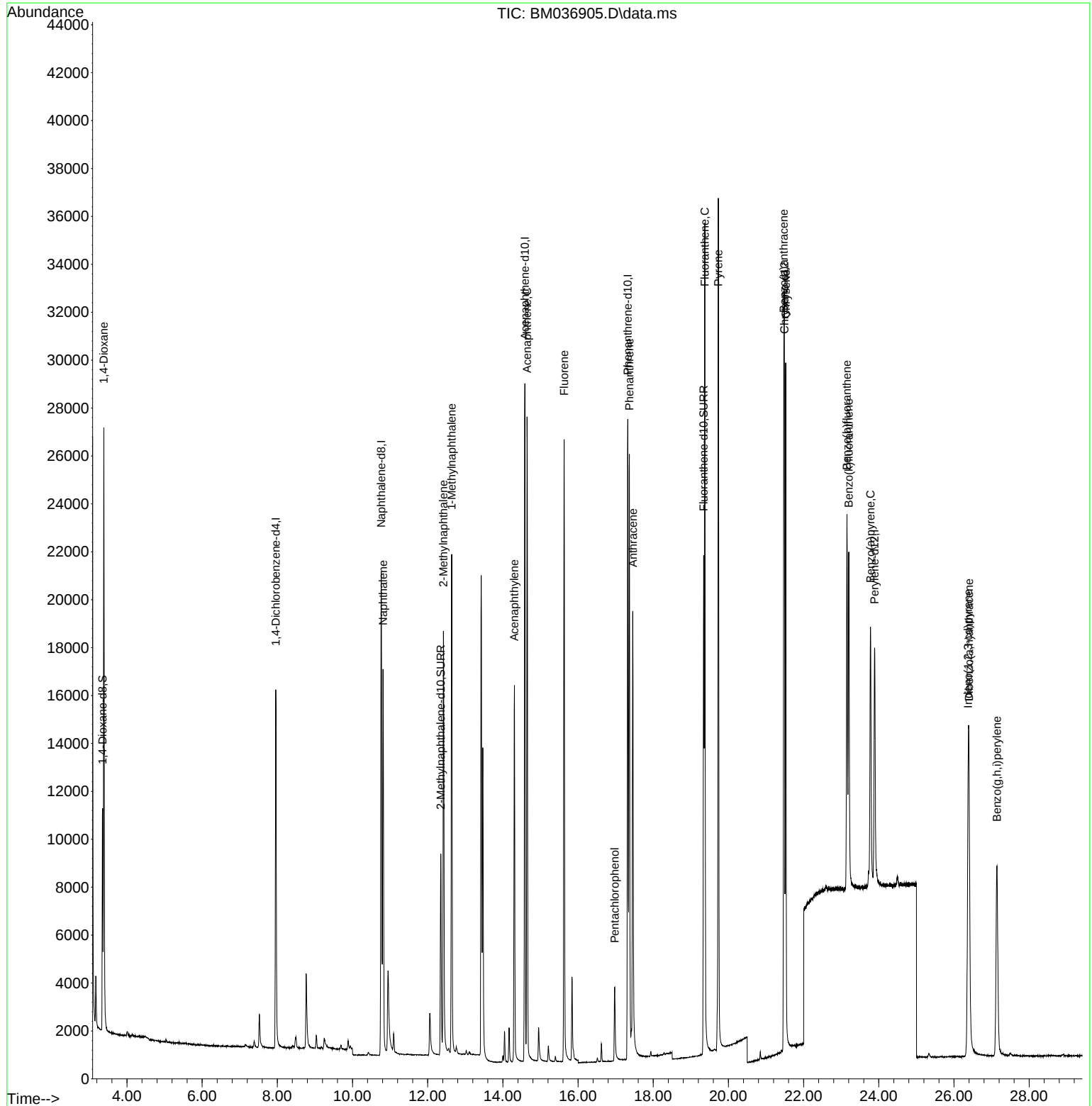
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	8289	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	28490	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.585	164	15561	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.323	188	31810	0.400	ng/ul	0.00
17) Chrysene-d12	21.490	240	22164	0.400	ng/ul	0.00
23) Perylene-d12	23.890	264	14842	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5874	0.502	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	12153	0.282	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	23166	0.349	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	16199	1.418	ng/ul#	75
5) Naphthalene	10.814	128	22507	0.276	ng/ul	97
7) 2-Methylnaphthalene	12.420	142	14016	0.281	ng/ul	91
8) 1-Methylnaphthalene	12.640	142	14541	0.287	ng/ul	99
10) Acenaphthylene	14.308	152	18376	0.284	ng/ul	98
11) Acenaphthene	14.645	153	15212	0.271	ng/ul	99
12) Fluorene	15.631	166	17042	0.268	ng/ul	99
14) Pentachlorophenol	16.976	266	2722	0.354	ng/ul	98
15) Phenanthrene	17.365	178	28037	0.276	ng/ul	100
16) Anthracene	17.458	178	23256	0.274	ng/ul	99
19) Fluoranthene	19.374	202	29914	0.339	ng/ul	99
20) Pyrene	19.732	202	30074	0.327	ng/ul	99
21) Benzo(a)anthracene	21.473	228	22360	0.279	ng/ul	99
22) Chrysene	21.525	228	25226	0.293	ng/ul	99
24) Benzo(b)fluoranthene	23.153	252	20711	0.312	ng/ul	95
25) Benzo(k)fluoranthene	23.203	252	19059	0.295	ng/ul	96
26) Benzo(a)pyrene	23.779	252	17697	0.329	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.379	276	19951	0.262	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.399	278	16489	0.268	ng/ul	93
29) Benzo(g,h,i)perylene	27.144	276	18117	0.270	ng/ul	99

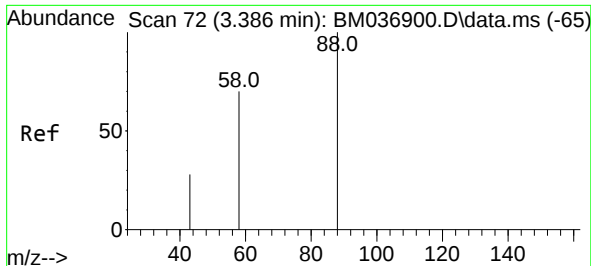
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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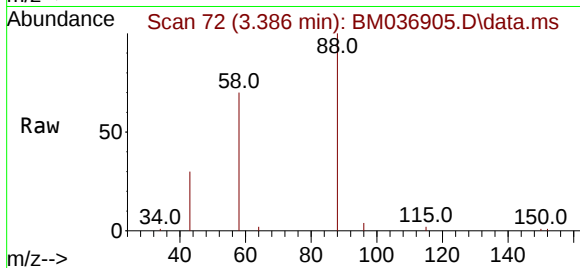
Quant Time: Oct 10 14:56:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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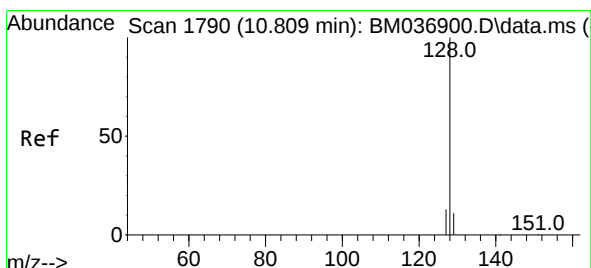
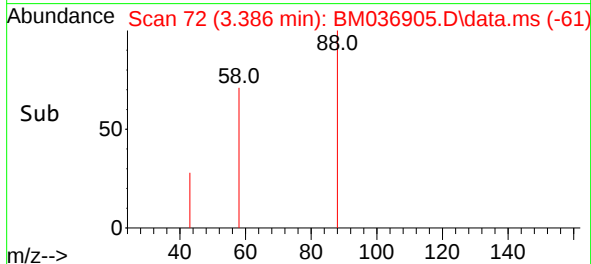
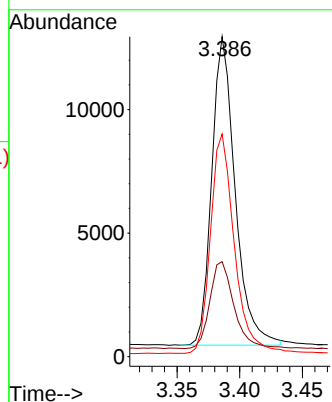


#2
1,4-Dioxane
Concen: 1.418 ng/ul
RT: 3.386 min Scan# 72
Delta R.T. -0.004 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

Instrument :
BNA_M
ClientSampleId :
SLCS999

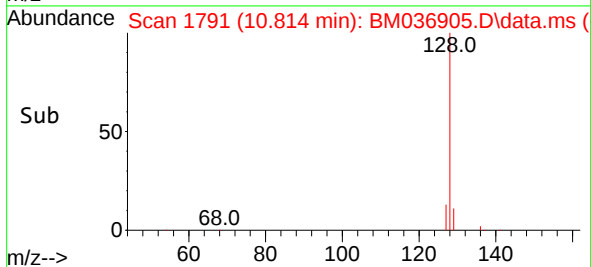
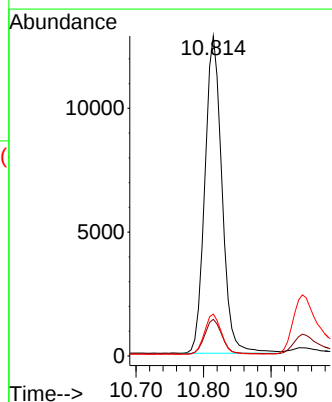
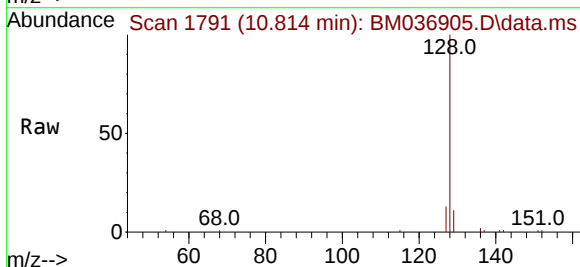


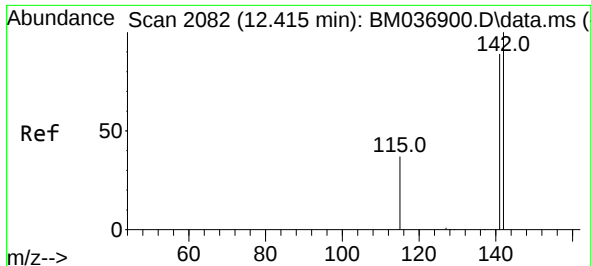
Tgt Ion: 88 Resp: 16199
Ion Ratio Lower Upper
88 100
43 29.7 37.8 56.6#
58 69.6 42.6 63.8#



#5
Naphthalene
Concen: 0.276 ng/ul
RT: 10.814 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

Tgt Ion: 128 Resp: 22507
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.1 11.7 17.5

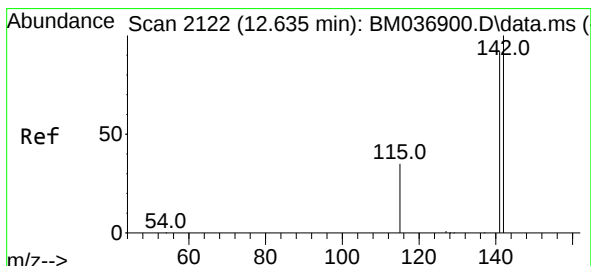
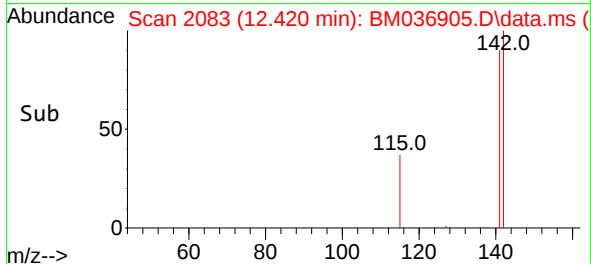
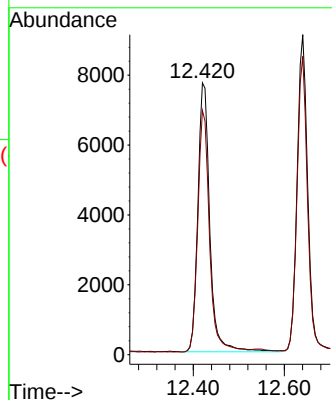
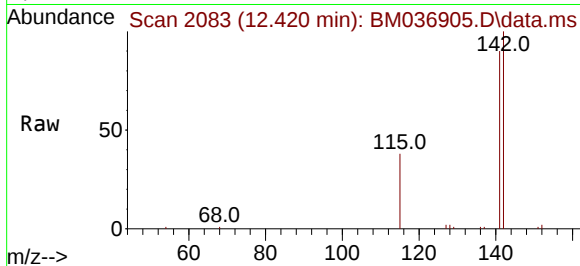




#7
2-Methylnaphthalene
Concen: 0.281 ng/ul
RT: 12.420 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

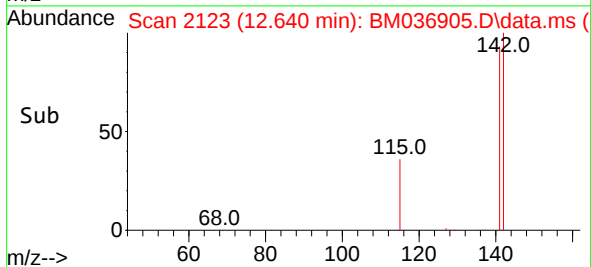
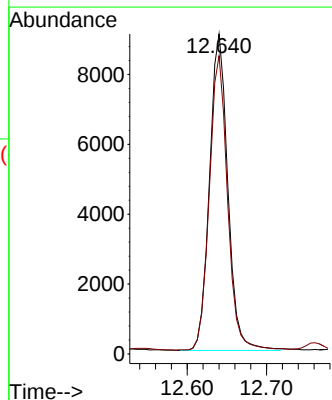
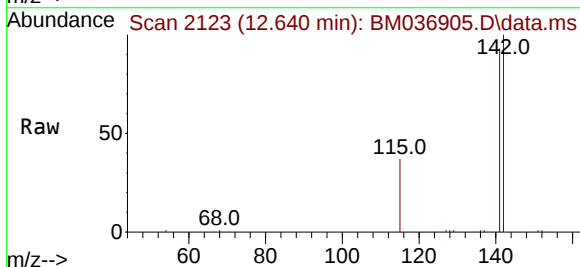
Instrument :
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ClientSampleId :
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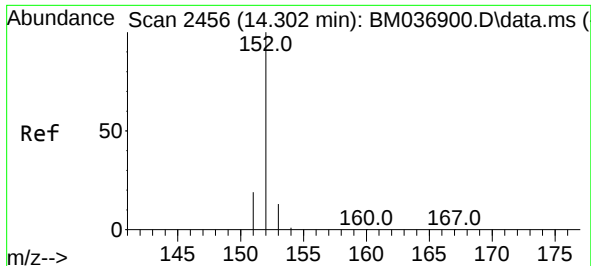
Tgt Ion:142 Resp: 14016
Ion Ratio Lower Upper
142 100
141 88.2 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 12.640 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

Tgt Ion:142 Resp: 14541
Ion Ratio Lower Upper
142 100
141 92.1 74.1 111.1

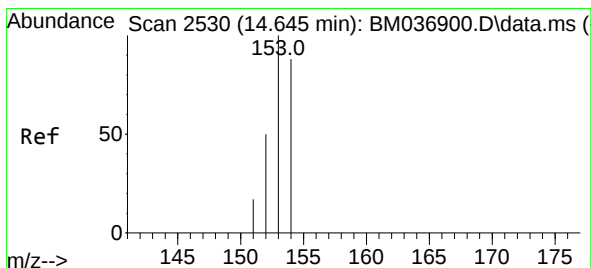
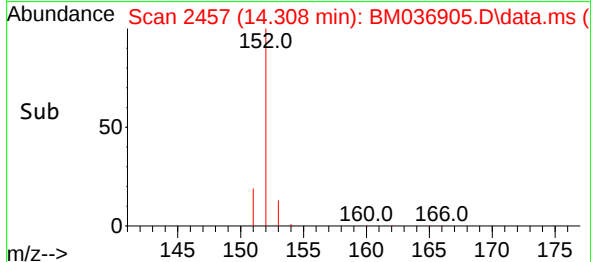
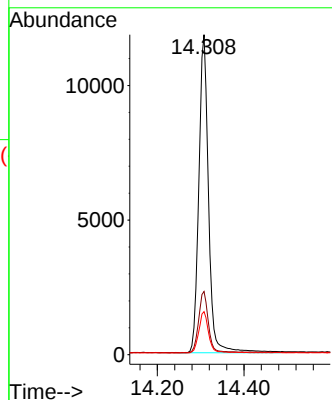
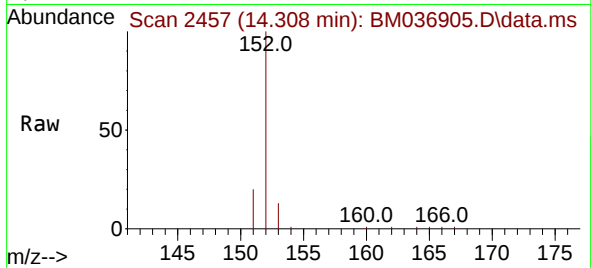




#10
Acenaphthylene
Concen: 0.284 ng/ul
RT: 14.308 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

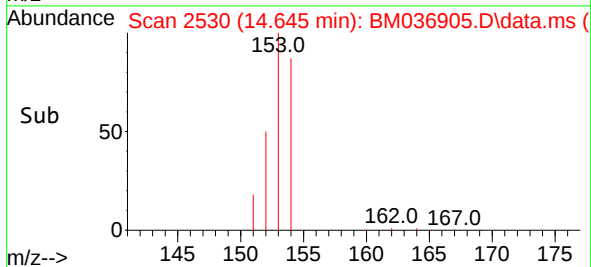
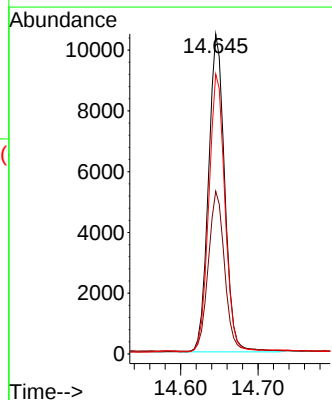
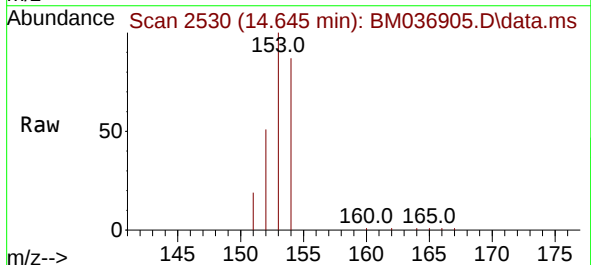
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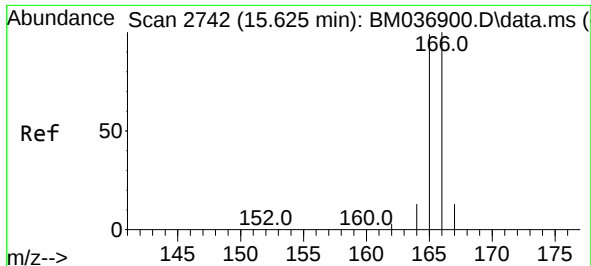
Tgt Ion:152 Resp: 18376
Ion Ratio Lower Upper
152 100
151 19.7 16.6 24.8
153 13.5 11.4 17.0



#11
Acenaphthene
Concen: 0.271 ng/ul
RT: 14.645 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

Tgt Ion:153 Resp: 15212
Ion Ratio Lower Upper
153 100
152 50.8 40.2 60.4
154 87.5 69.7 104.5

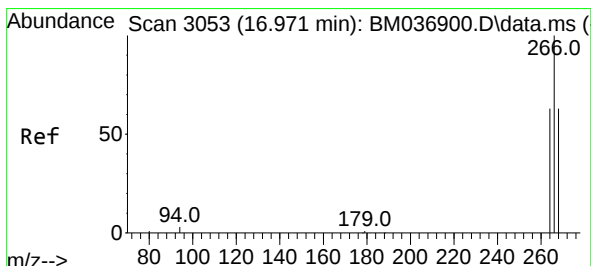
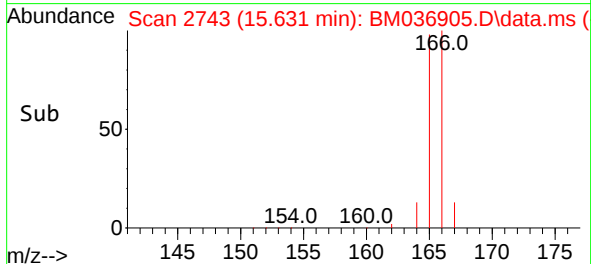
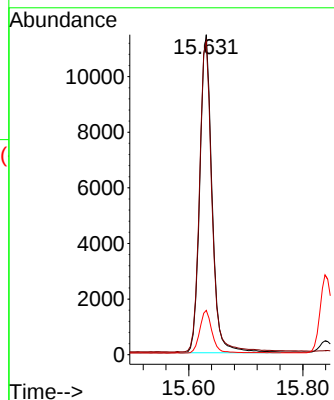
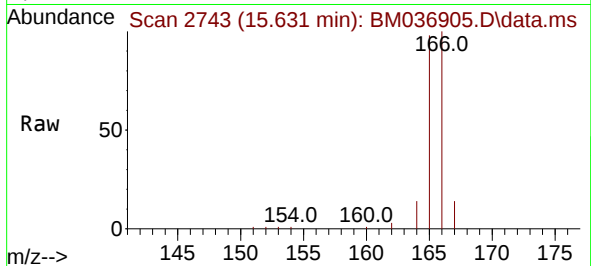




#12
Fluorene
Concen: 0.268 ng/ul
RT: 15.631 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

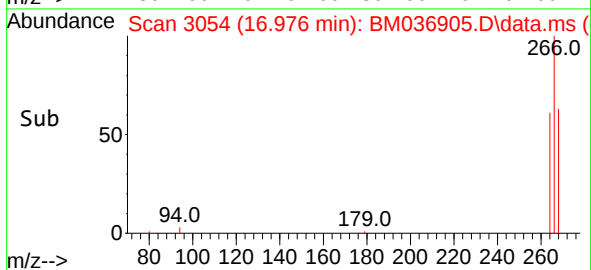
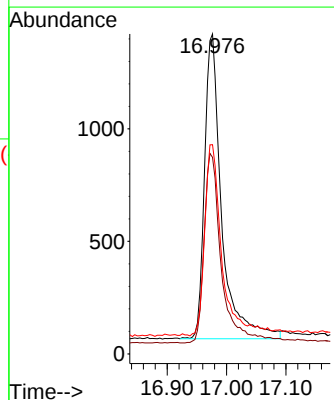
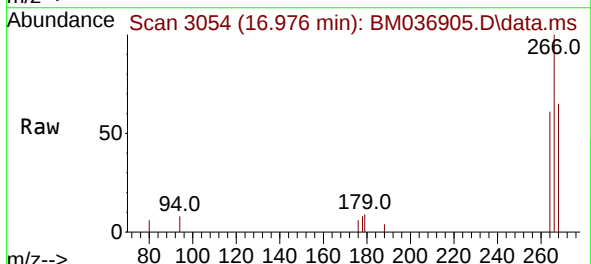
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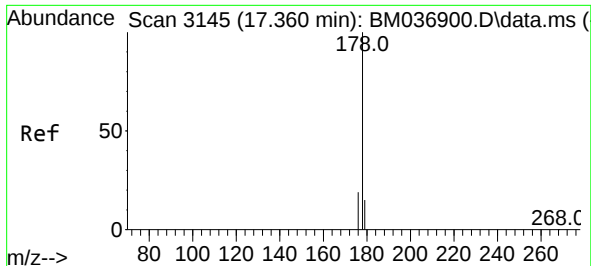
Tgt Ion:166 Resp: 17042
Ion Ratio Lower Upper
166 100
165 98.0 78.9 118.3
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.354 ng/ul
RT: 16.976 min Scan# 3054
Delta R.T. -0.000 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

Tgt Ion:266 Resp: 2722
Ion Ratio Lower Upper
266 100
264 62.8 50.3 75.5
268 64.0 53.5 80.3

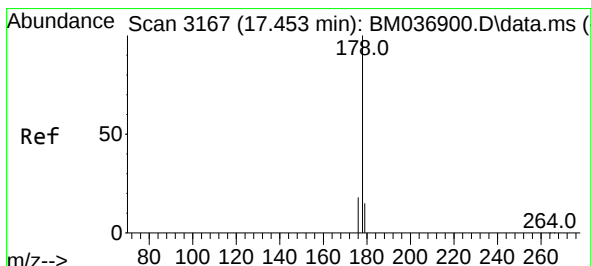
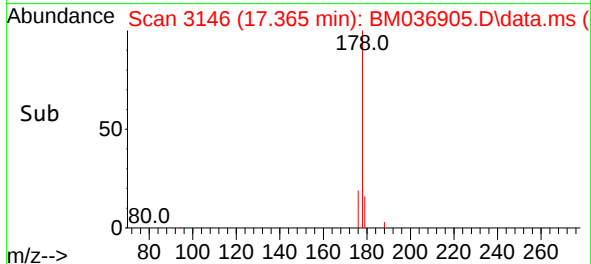
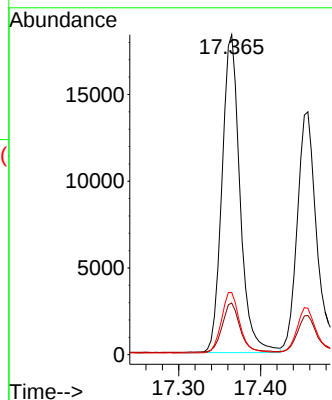
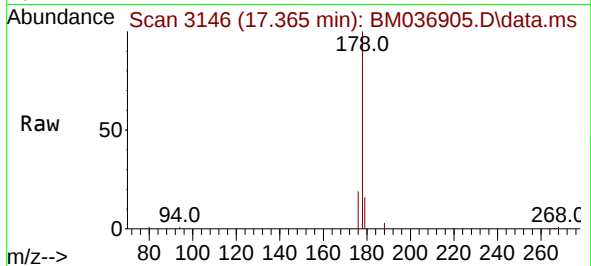




#15
Phenanthrene
Concen: 0.276 ng/ul
RT: 17.365 min Scan# 3145
Delta R.T. -0.000 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

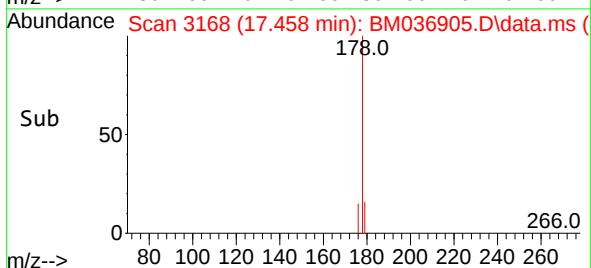
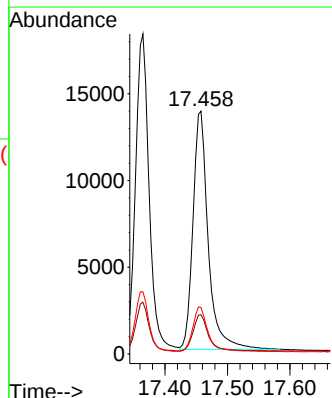
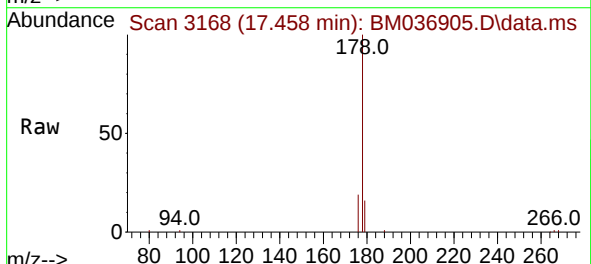
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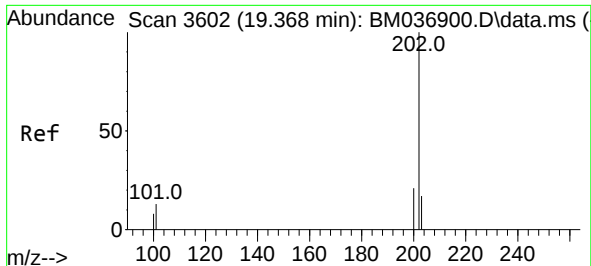
Tgt Ion:178 Resp: 28037
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.274 ng/ul
RT: 17.458 min Scan# 3168
Delta R.T. 0.004 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

Tgt Ion:178 Resp: 23256
Ion Ratio Lower Upper
178 100
179 16.2 13.6 20.4
176 19.1 15.6 23.4

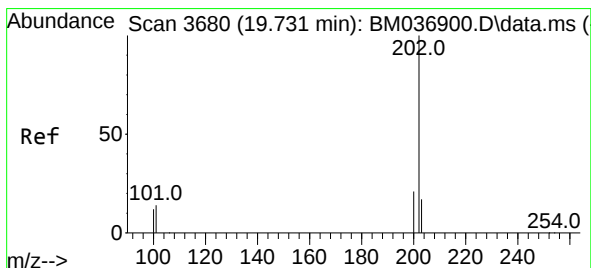
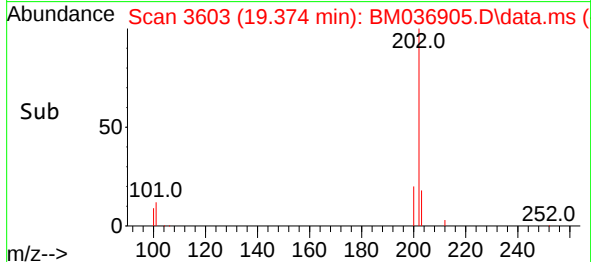
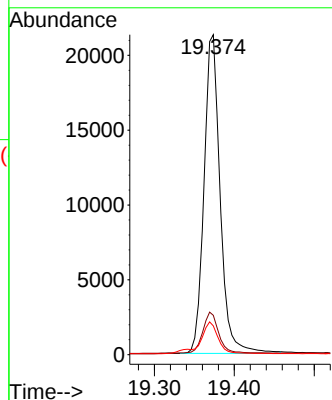
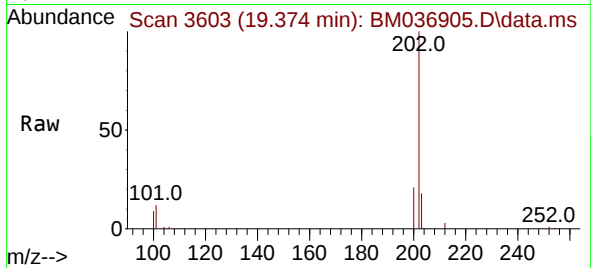




#19
Fluoranthene
Concen: 0.339 ng/ul
RT: 19.374 min Scan# 3603
Delta R.T. -0.000 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

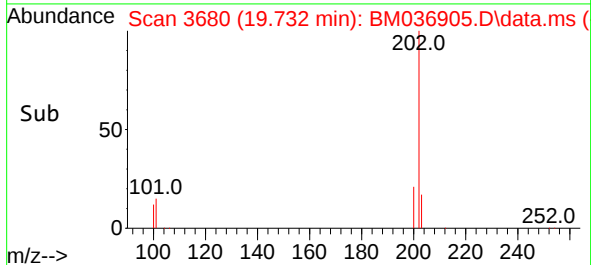
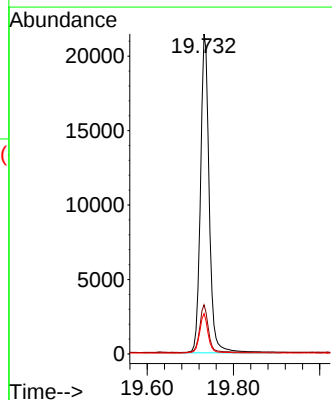
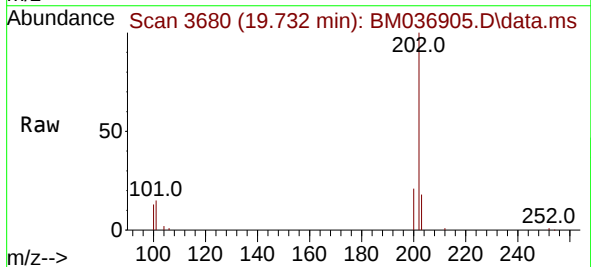
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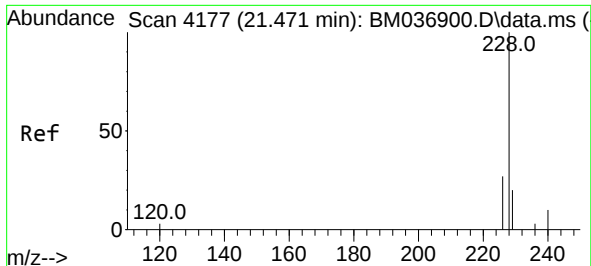
Tgt Ion:202 Resp: 29914
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 9.0 7.9 11.9



#20
Pyrene
Concen: 0.327 ng/ul
RT: 19.732 min Scan# 3680
Delta R.T. -0.000 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

Tgt Ion:202 Resp: 30074
Ion Ratio Lower Upper
202 100
101 15.3 12.0 18.0
100 12.6 9.8 14.6

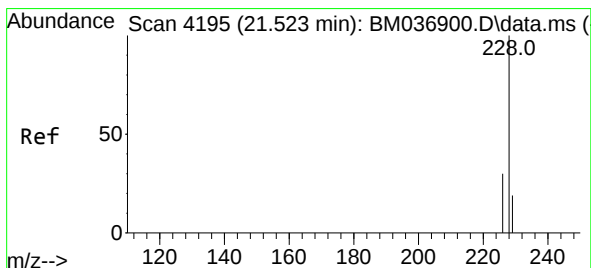
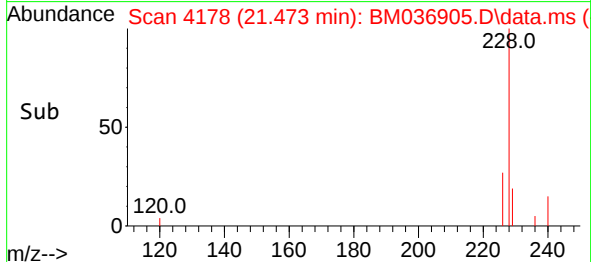
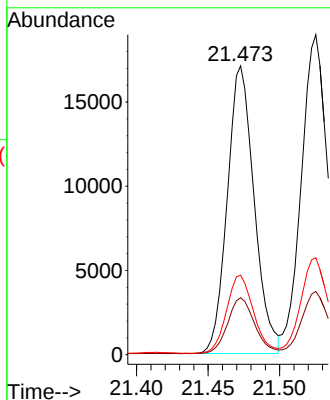
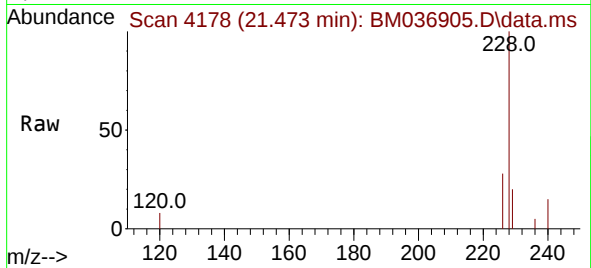




#21
Benzo(a)anthracene
Concen: 0.279 ng/ul
RT: 21.473 min Scan# 4177
Delta R.T. -0.000 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

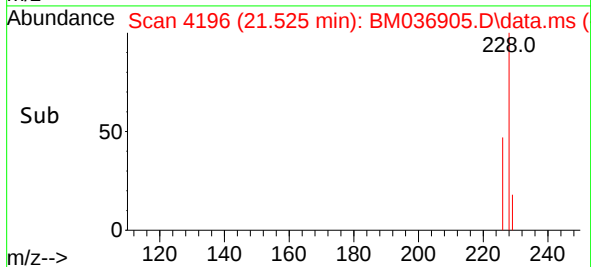
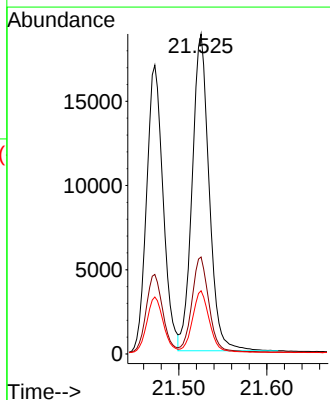
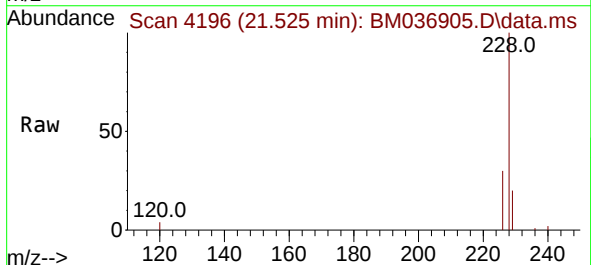
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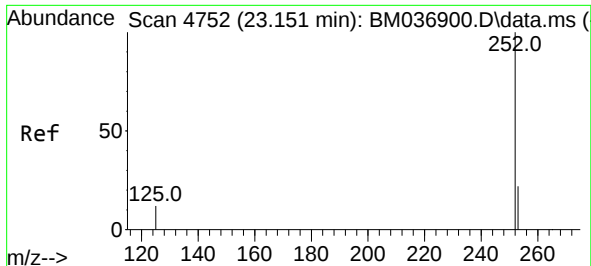
Tgt Ion:228 Resp: 22360
Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.2
226 27.5 22.5 33.7



#22
Chrysene
Concen: 0.293 ng/ul
RT: 21.525 min Scan# 4196
Delta R.T. -0.000 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

Tgt Ion:228 Resp: 25226
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.7 16.4 24.6

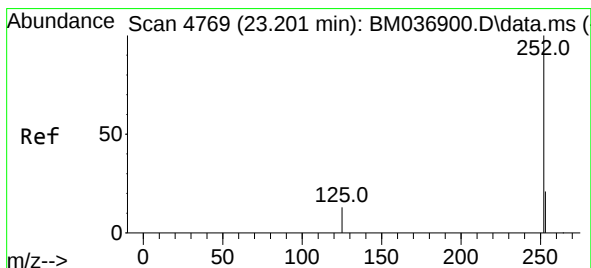
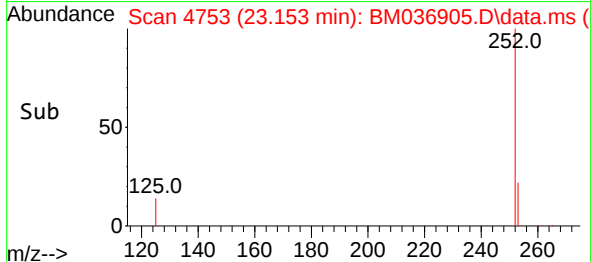
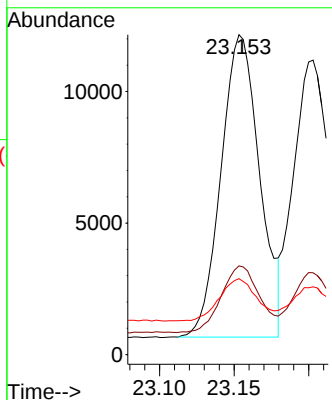
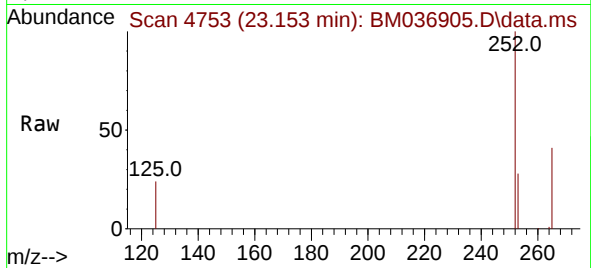




#24
Benzo(b)fluoranthene
Concen: 0.312 ng/ul
RT: 23.153 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

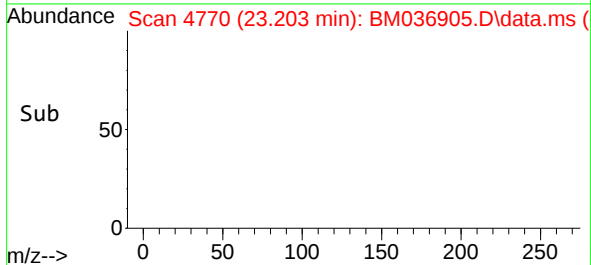
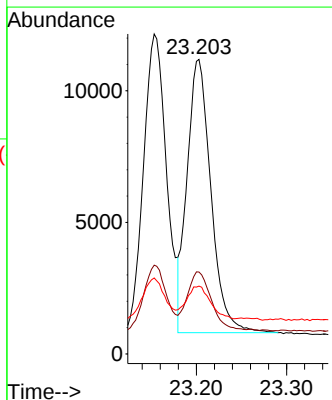
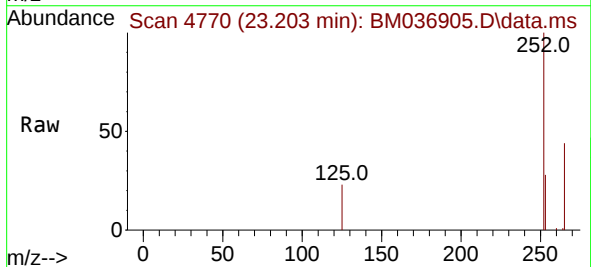
Instrument :
BNA_M
ClientSampleId :
SLCS999

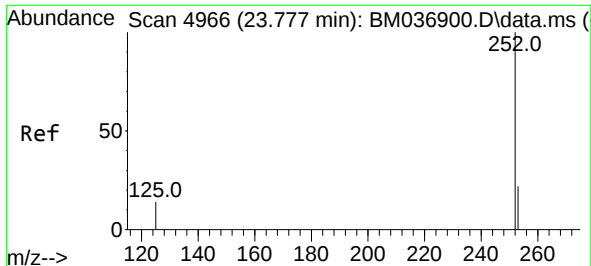
Tgt Ion:252	Resp:	20711
Ion Ratio	Lower	Upper
252	100	
253	27.7	0.0 61.4
125	23.7	0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.295 ng/ul
RT: 23.203 min Scan# 4770
Delta R.T. -0.000 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

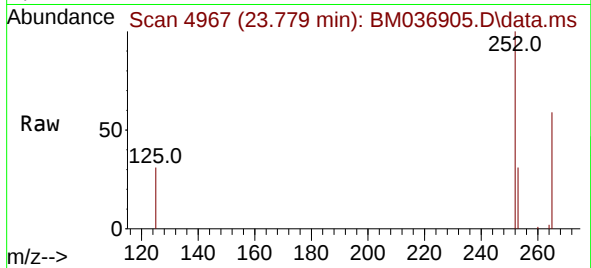
Tgt Ion:252	Resp:	19059
Ion Ratio	Lower	Upper
252	100	
253	27.8	25.2 37.8
125	23.0	18.3 27.5



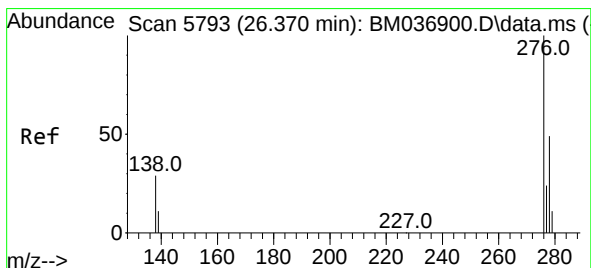
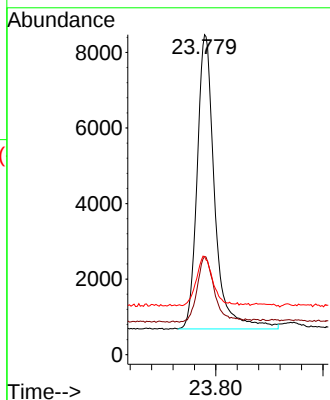
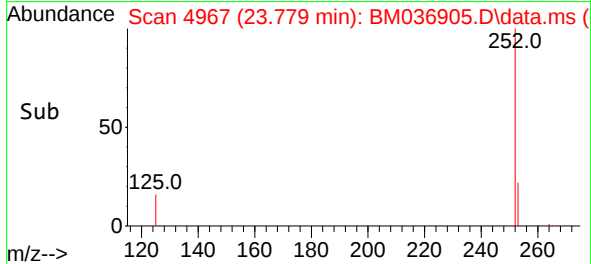


#26
Benzo(a)pyrene
Concen: 0.329 ng/ul
RT: 23.779 min Scan# 4966
Delta R.T. -0.003 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

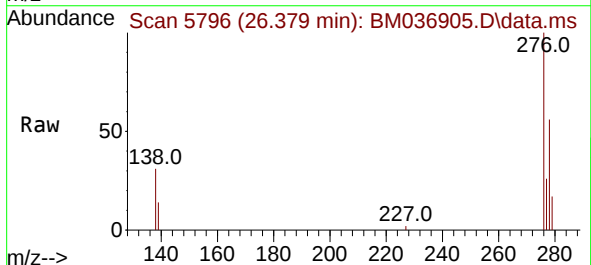
Instrument :
BNA_M
ClientSampleId :
SLCS999



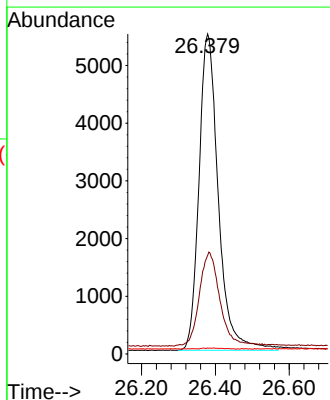
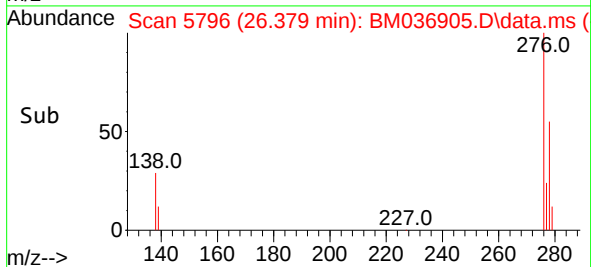
Tgt Ion:	252	Resp:	17697
Ion Ratio	Lower	Upper	
252	100		
253	30.7	29.7	44.5
125	30.6	23.6	35.4

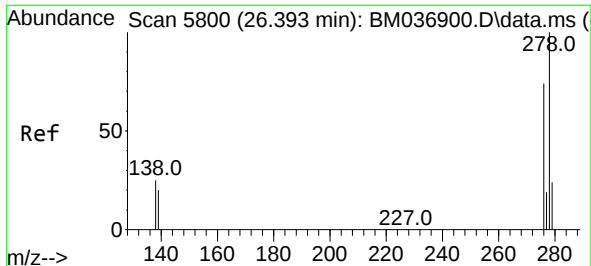


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.262 ng/ul
RT: 26.379 min Scan# 5796
Delta R.T. -0.003 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37



Tgt Ion:	276	Resp:	19951
Ion Ratio	Lower	Upper	
276	100		
138	31.9	23.9	35.9
227	0.1	0.1	0.1

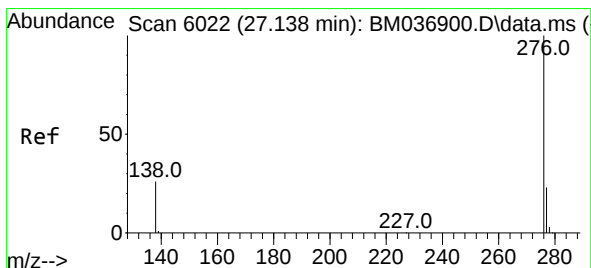
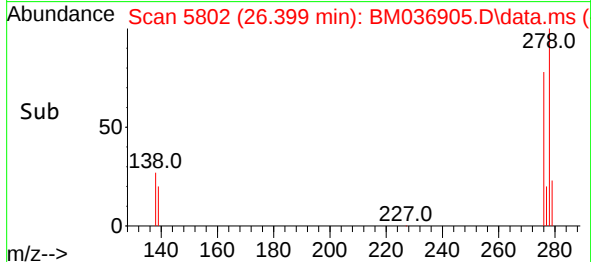
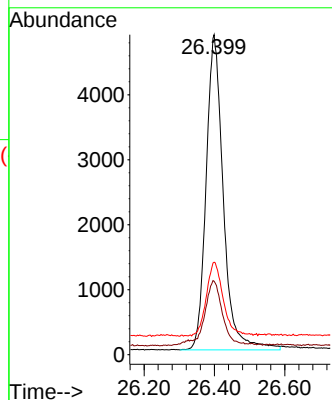
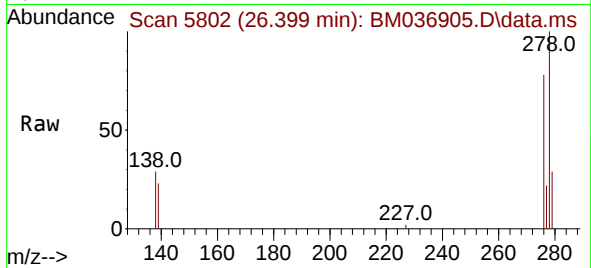




#28
Dibenzo(a,h)anthracene
Concen: 0.268 ng/ul
RT: 26.399 min Scan# 5800
Delta R.T. -0.000 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

Instrument :
BNA_M
ClientSampleId :
SLCS999

Tgt Ion:278 Resp: 16489
Ion Ratio Lower Upper
278 100
139 22.9 19.8 29.6
279 28.9 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.270 ng/ul
RT: 27.144 min Scan# 6024
Delta R.T. -0.003 min
Lab File: BM036905.D
Acq: 10 Oct 2022 13:37

Tgt Ion:276 Resp: 18117
Ion Ratio Lower Upper
276 100
138 29.1 23.4 35.0
277 25.4 21.0 31.4

