

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BM036870.D
 Acq On : 07 Oct 2022 23:06
 Operator : CG/JU
 Sample : PB148013BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS013

Quant Time: Oct 08 02:23:48 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 : Thu Oct 06 17:02:30 2022
 Response via : Initial Calibration

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

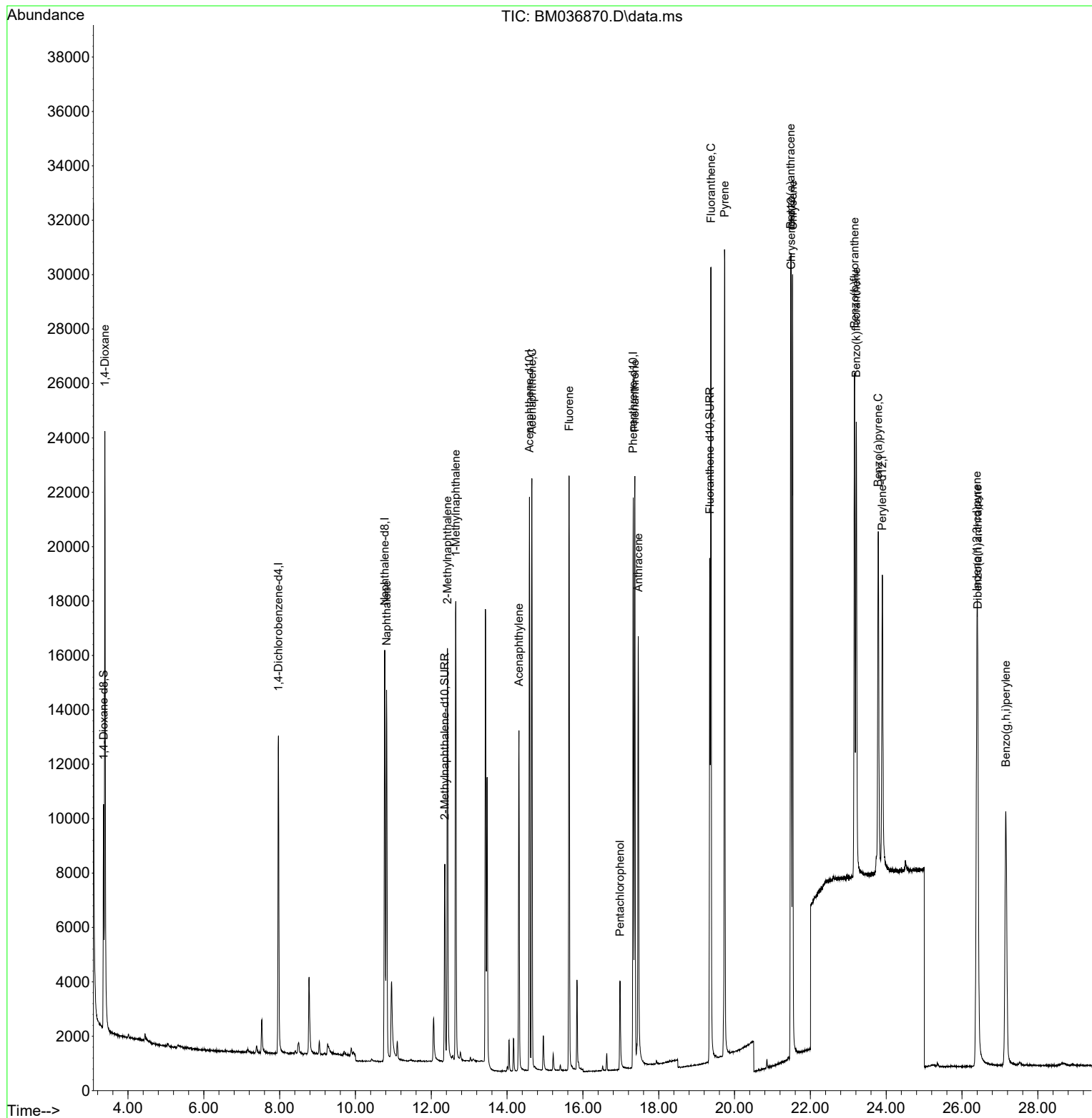
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	6445	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	21507	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.589	164	11397	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	23569	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	19989	0.400	ng/ul	0.00
23) Perylene-d12	23.897	264	16048	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	5530	0.608	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	10348	0.319	ng/ul	0.00
18) Fluoranthene-d10	19.345	212	19862	0.332	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	14666	1.651	ng/ul#	77
5) Naphthalene	10.820	128	18963	0.308	ng/ul	97
7) 2-Methylnaphthalene	12.426	142	11660	0.310	ng/ul	93
8) 1-Methylnaphthalene	12.646	142	12100	0.317	ng/ul	99
10) Acenaphthylene	14.311	152	14624	0.309	ng/ul	99
11) Acenaphthene	14.654	153	12554	0.305	ng/ul	99
12) Fluorene	15.635	166	14056	0.302	ng/ul	100
14) Pentachlorophenol	16.976	266	2630	0.461	ng/ul	100
15) Phenanthrene	17.368	178	23142	0.308	ng/ul	99
16) Anthracene	17.461	178	18839	0.300	ng/ul	99
19) Fluoranthene	19.378	202	25412	0.320	ng/ul	100
20) Pyrene	19.740	202	25910	0.313	ng/ul	98
21) Benzo(a)anthracene	21.479	228	21899	0.303	ng/ul	99
22) Chrysene	21.532	228	25039	0.323	ng/ul	99
24) Benzo(b)fluoranthene	23.163	252	23727	0.331	ng/ul	94
25) Benzo(k)fluoranthene	23.210	252	22625	0.324	ng/ul	94
26) Benzo(a)pyrene	23.789	252	20702	0.356	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.390	276	23975	0.291	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.413	278	19748	0.297	ng/ul#	91
29) Benzo(g,h,i)perylene	27.155	276	21410	0.295	ng/ul	99

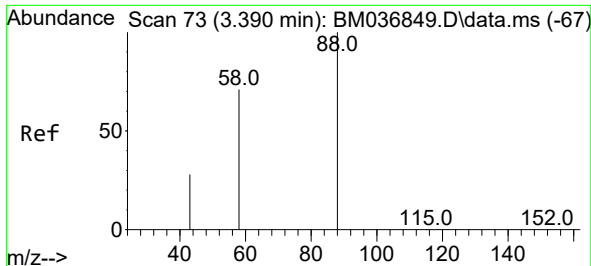
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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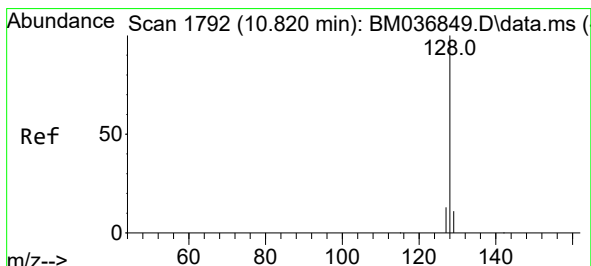
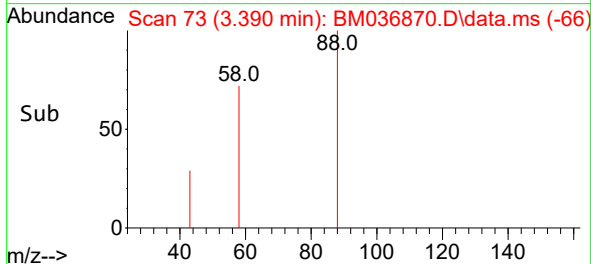
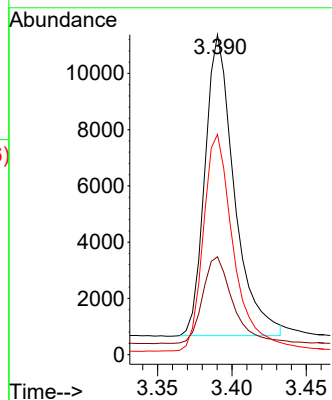
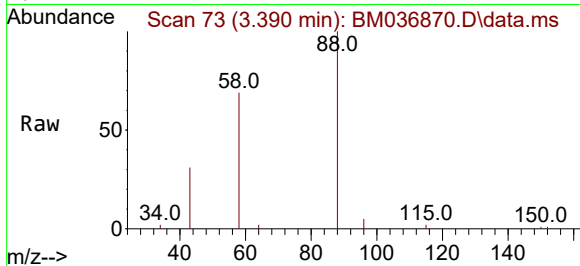




#2
1,4-Dioxane
Concen: 1.651 ng/ul
RT: 3.390 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

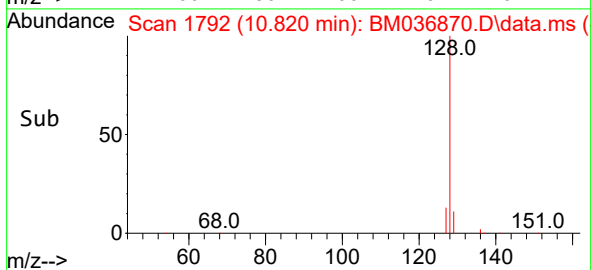
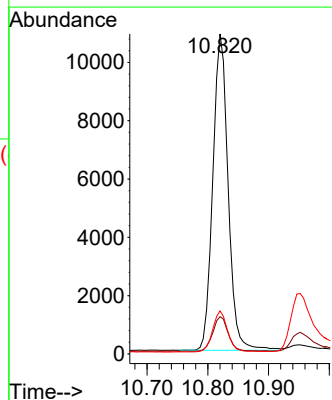
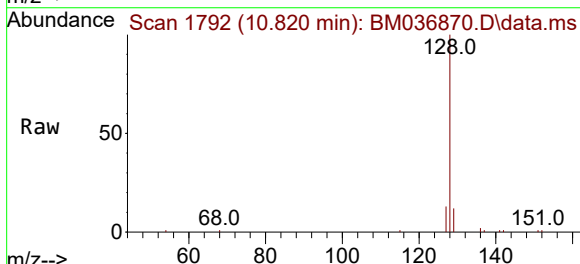
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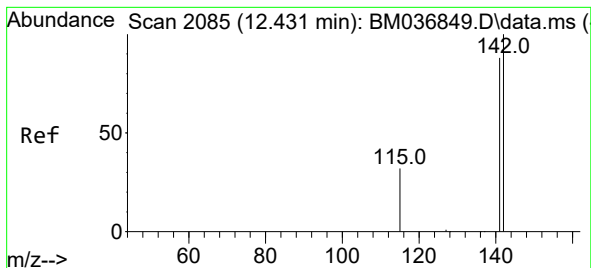
Tgt Ion: 88 Resp: 14666
Ion Ratio Lower Upper
88 100
43 30.6 37.8 56.6#
58 68.8 42.6 63.8#



#5
Naphthalene
Concen: 0.308 ng/ul
RT: 10.820 min Scan# 1792
Delta R.T. -0.005 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion: 128 Resp: 18963
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.4 11.7 17.5

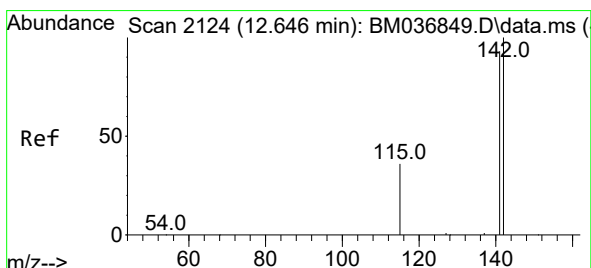
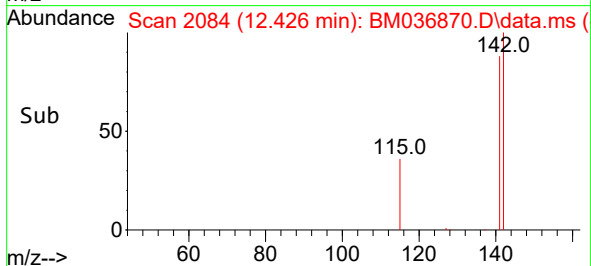
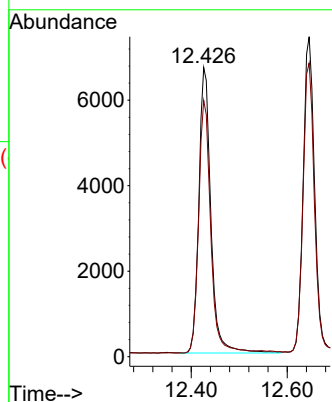
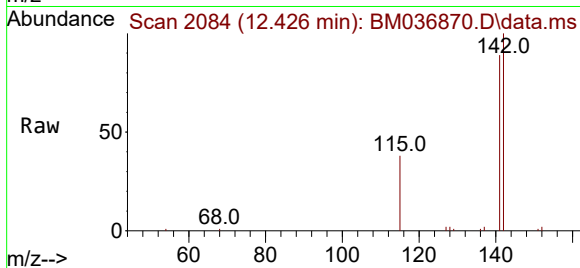




#7
2-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.426 min Scan# 2084
Delta R.T. -0.005 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

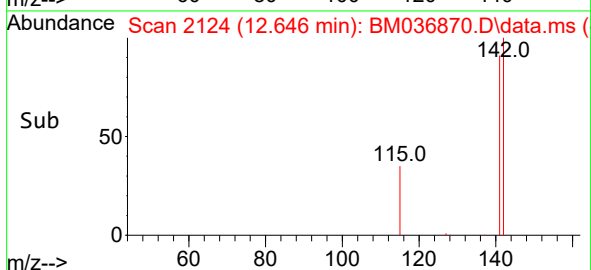
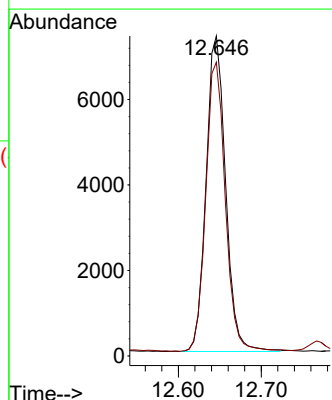
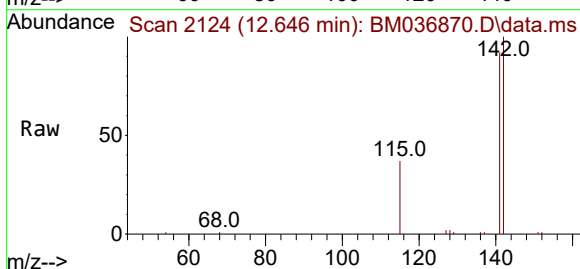
Instrument :
BNA_M
ClientSampleId :
SLCS013

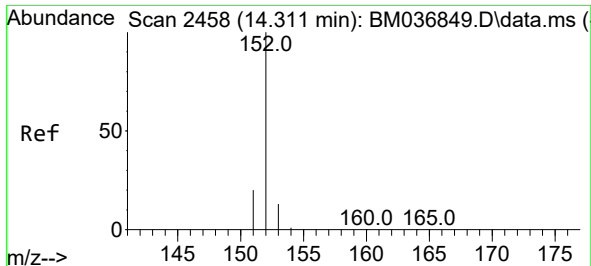
Tgt Ion:142 Resp: 11660
Ion Ratio Lower Upper
142 100
141 89.8 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.646 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:142 Resp: 12100
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1

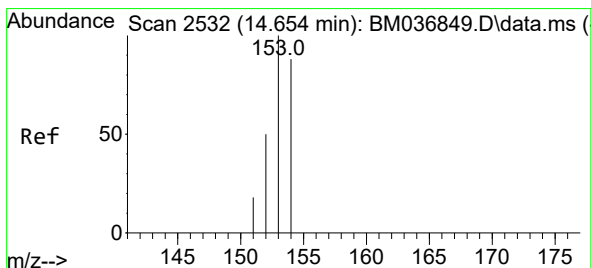
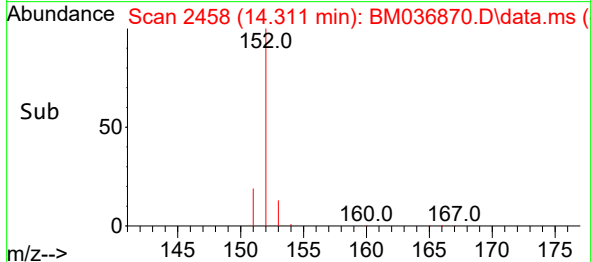
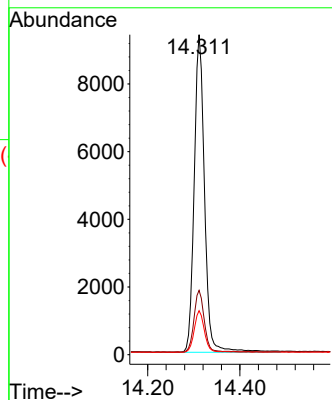
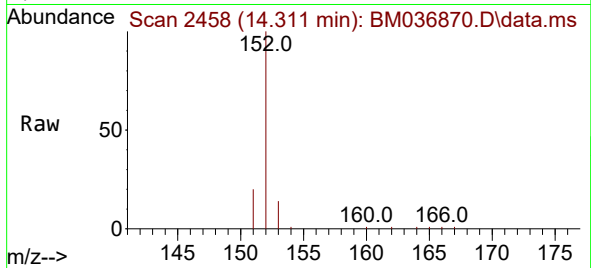




#10
Acenaphthylene
Concen: 0.309 ng/ul
RT: 14.311 min Scan# 2458
Delta R.T. -0.005 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

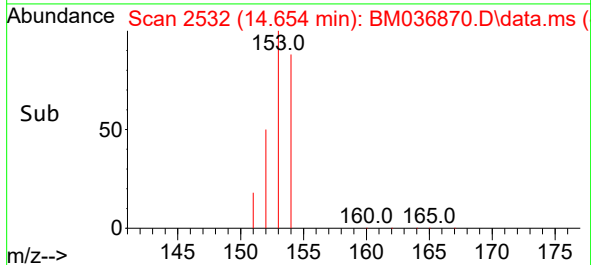
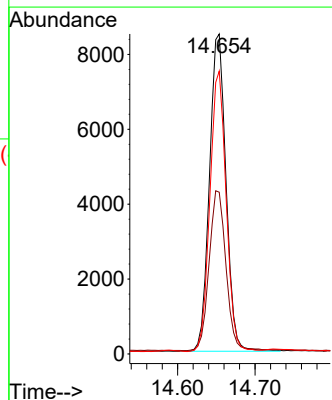
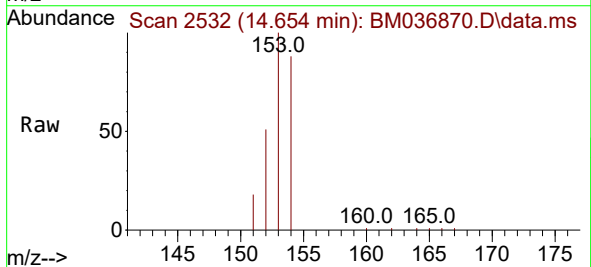
Instrument :
BNA_M
ClientSampleId :
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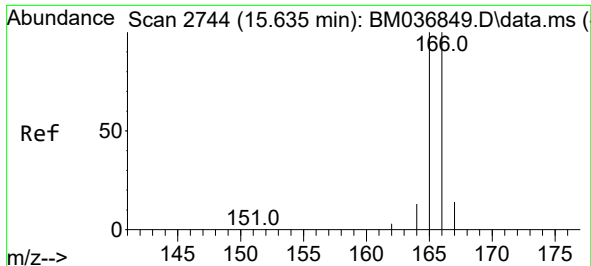
Tgt Ion:152 Resp: 14624
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.7 11.4 17.0



#11
Acenaphthene
Concen: 0.305 ng/ul
RT: 14.654 min Scan# 2532
Delta R.T. -0.001 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:153 Resp: 12554
Ion Ratio Lower Upper
153 100
152 50.6 40.2 60.4
154 88.4 69.7 104.5

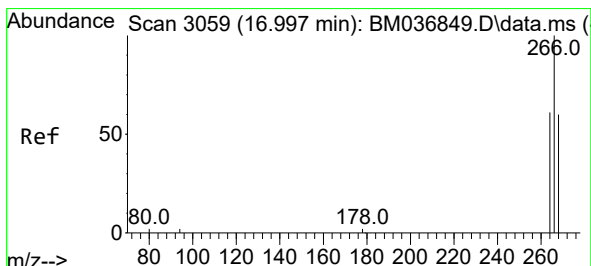
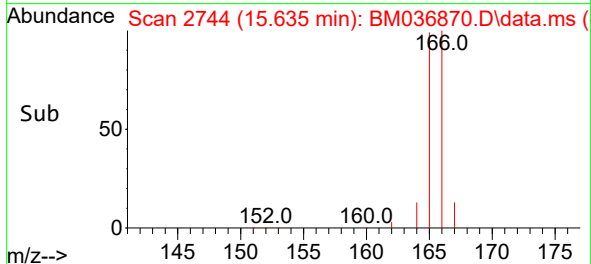
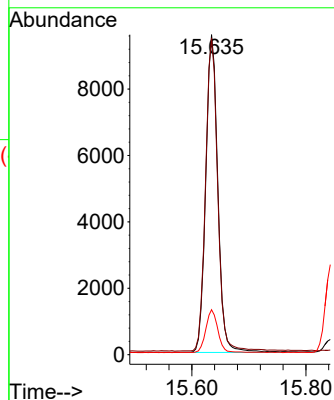
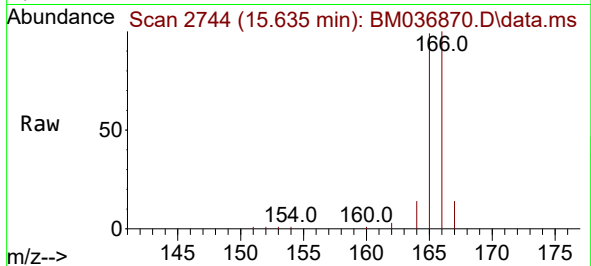




#12
Fluorene
Concen: 0.302 ng/ul
RT: 15.635 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

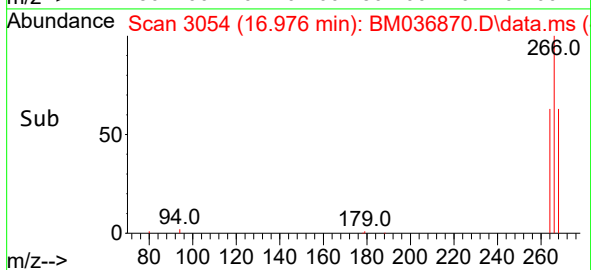
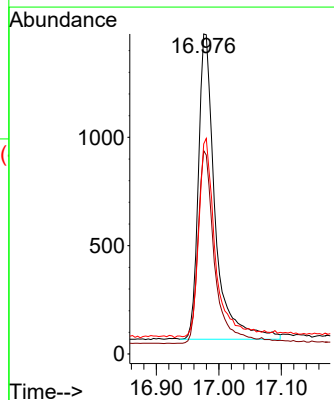
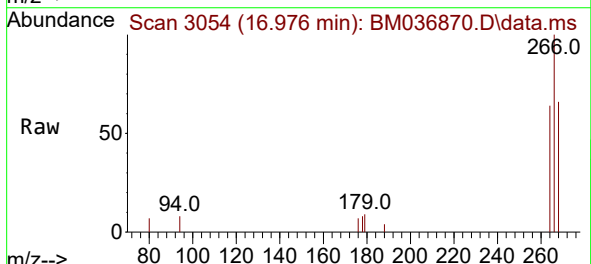
Instrument :
BNA_M
ClientSampleId :
SLCS013

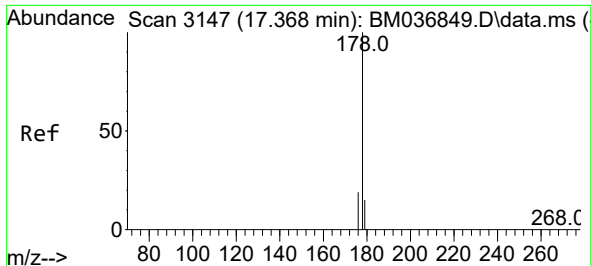
Tgt Ion:166 Resp: 14056
Ion Ratio Lower Upper
166 100
165 99.0 78.9 118.3
167 14.0 11.3 16.9



#14
Pentachlorophenol
Concen: 0.461 ng/ul
RT: 16.976 min Scan# 3054
Delta R.T. -0.013 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:266 Resp: 2630
Ion Ratio Lower Upper
266 100
264 63.1 50.3 75.5
268 66.4 53.5 80.3

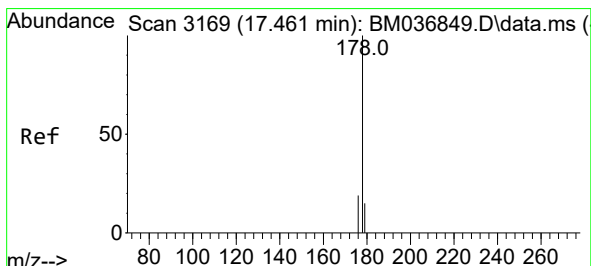
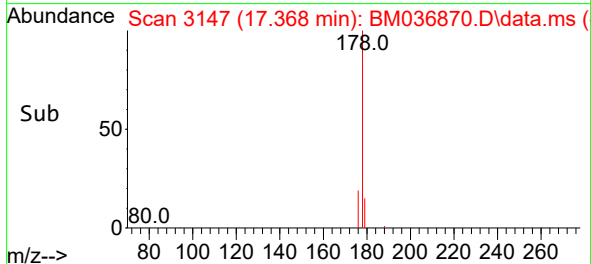
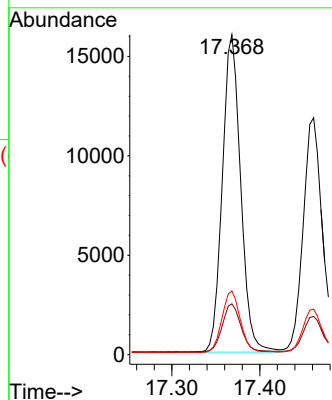
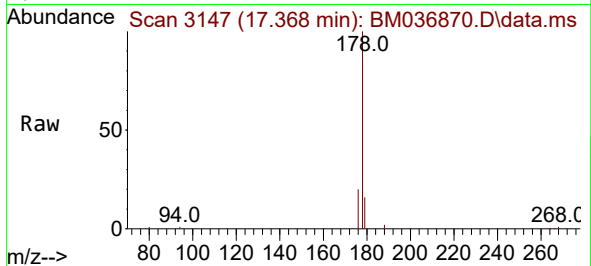




#15
Phenanthrene
Concen: 0.308 ng/ul
RT: 17.368 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

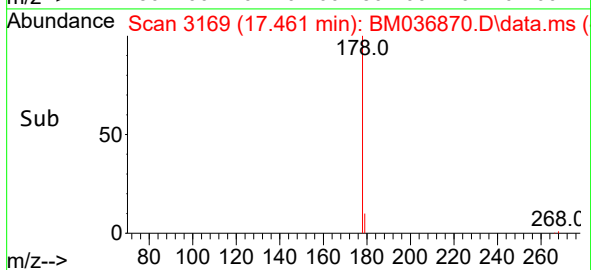
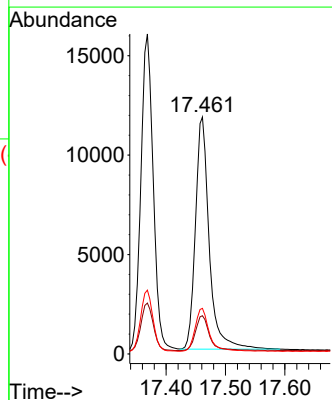
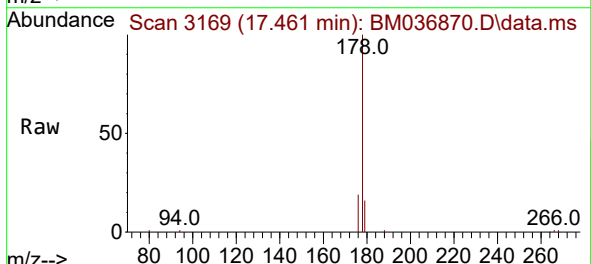
Instrument :
BNA_M
ClientSampleId :
SLCS013

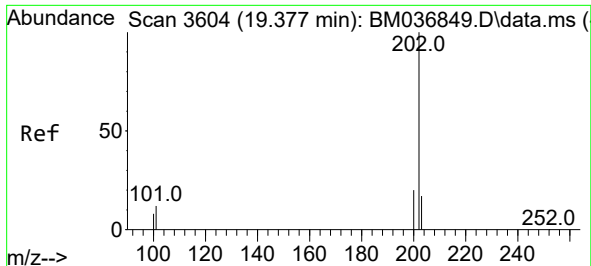
Tgt Ion:	178	Resp:	23142
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.0	19.6
176	20.0	15.6	23.4



#16
Anthracene
Concen: 0.300 ng/ul
RT: 17.461 min Scan# 3169
Delta R.T. -0.001 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:	178	Resp:	18839
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.6	20.4
176	19.3	15.6	23.4

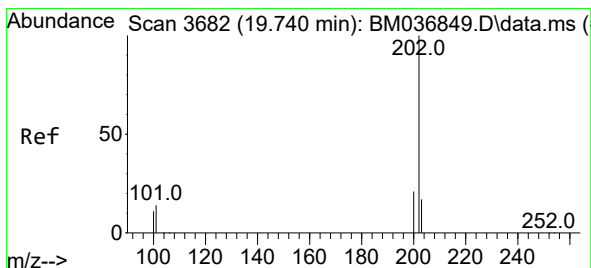
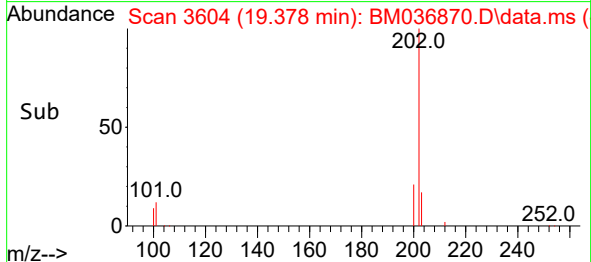
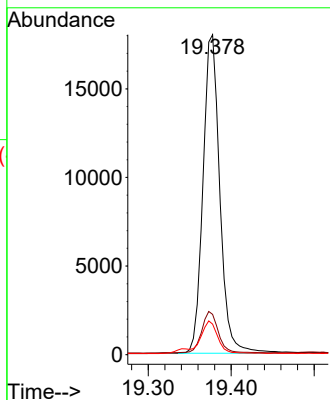
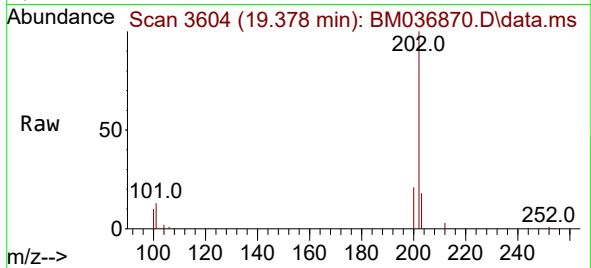




#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.378 min Scan# 30
Delta R.T. -0.001 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

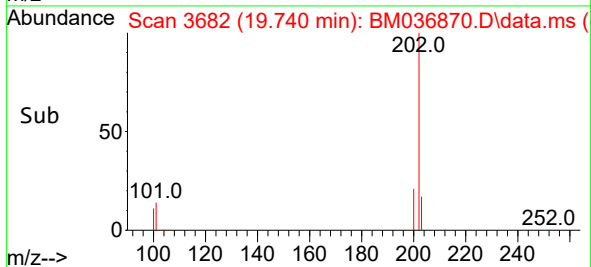
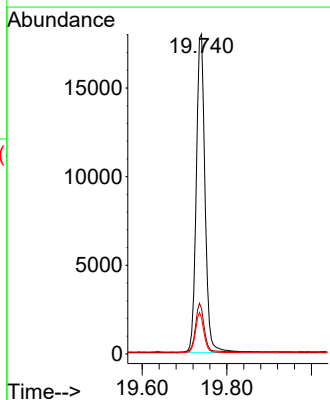
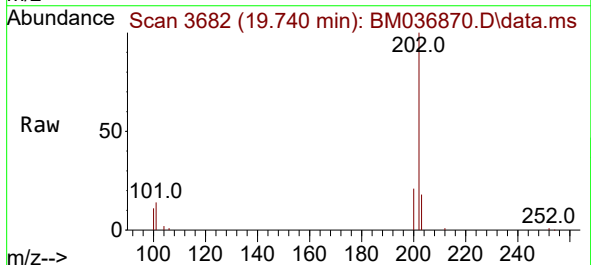
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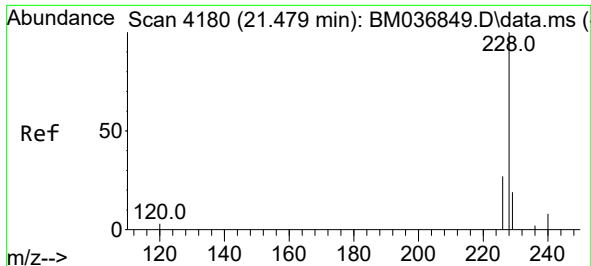
Tgt Ion:202 Resp: 25412
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.5 7.9 11.9



#20
Pyrene
Concen: 0.313 ng/ul
RT: 19.740 min Scan# 3682
Delta R.T. -0.001 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:202 Resp: 25910
Ion Ratio Lower Upper
202 100
101 14.2 12.0 18.0
100 11.2 9.8 14.6

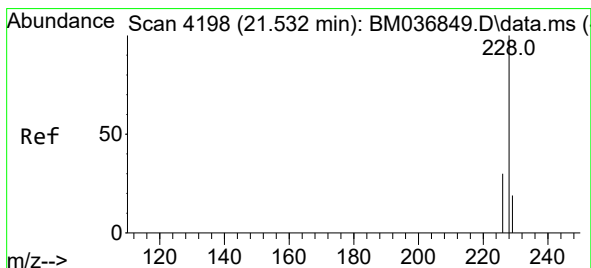
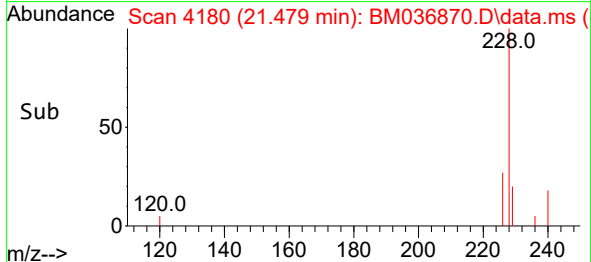
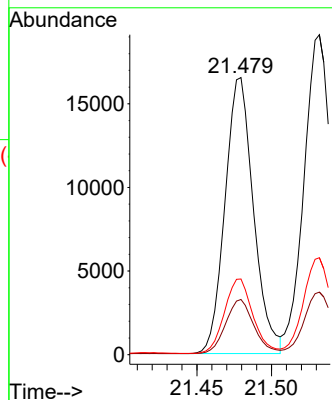
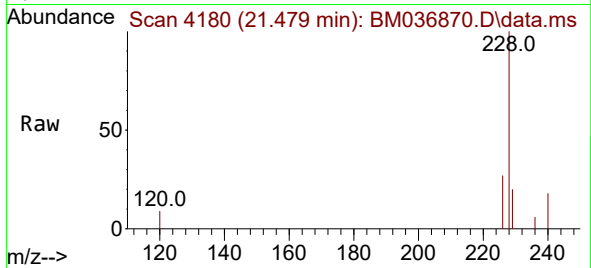




#21
Benzo(a)anthracene
Concen: 0.303 ng/ul
RT: 21.479 min Scan# 4180
Delta R.T. -0.002 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

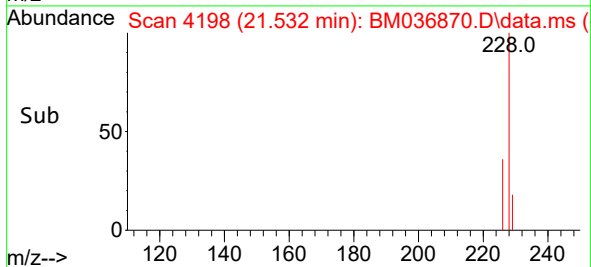
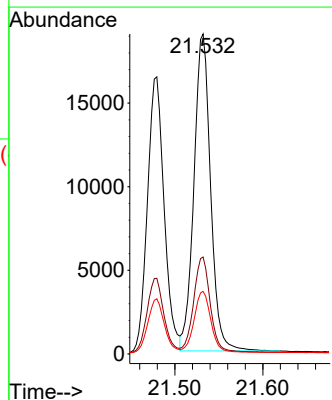
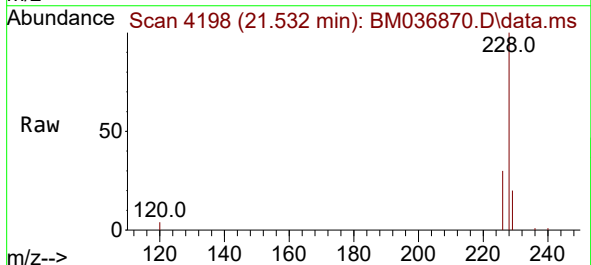
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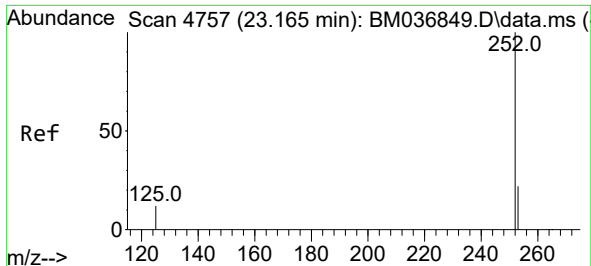
Tgt Ion:228 Resp: 21899
Ion Ratio Lower Upper
228 100
229 19.9 16.2 24.2
226 27.3 22.5 33.7



#22
Chrysene
Concen: 0.323 ng/ul
RT: 21.532 min Scan# 4198
Delta R.T. -0.002 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:228 Resp: 25039
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.6 16.4 24.6

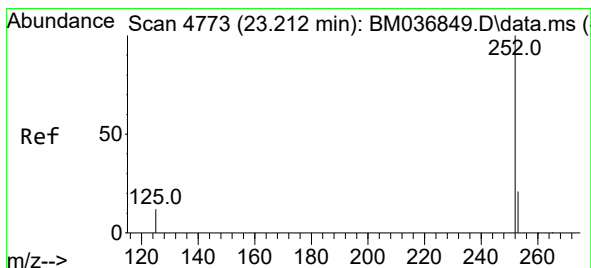
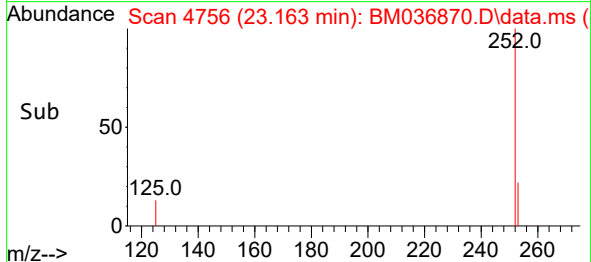
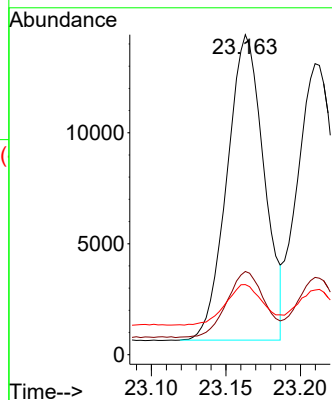
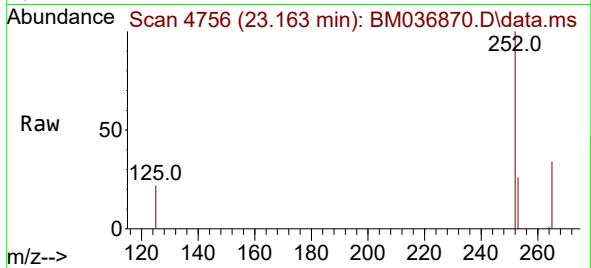




#24
Benzo(b)fluoranthene
Concen: 0.331 ng/ul
RT: 23.163 min Scan# 4756
Delta R.T. -0.005 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

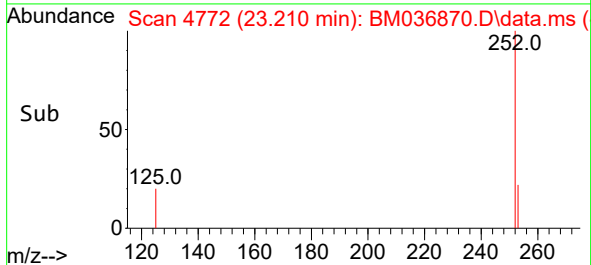
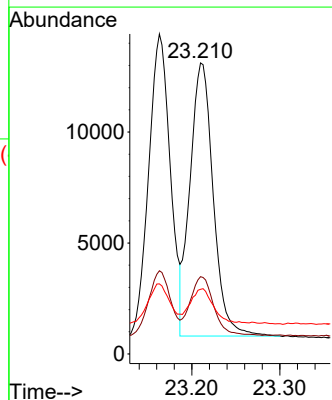
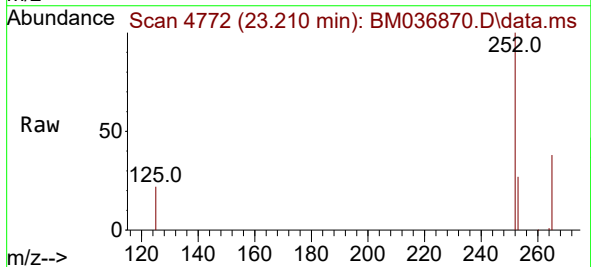
Instrument :
BNA_M
ClientSampleId :
SLCS013

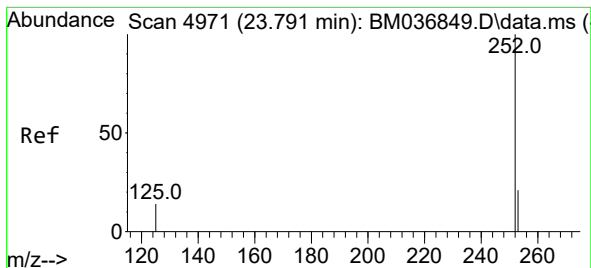
Tgt Ion:252 Resp: 23727
Ion Ratio Lower Upper
252 100
253 26.0 0.0 61.4
125 21.9 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.324 ng/ul
RT: 23.210 min Scan# 4772
Delta R.T. -0.008 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:252 Resp: 22625
Ion Ratio Lower Upper
252 100
253 26.6 25.2 37.8
125 22.2 18.3 27.5





#26

Benzo(a)pyrene

Concen: 0.356 ng/ul

RT: 23.789 min Scan# 4971

Delta R.T. -0.005 min

Lab File: BM036870.D

Acq: 07 Oct 2022 23:06

Instrument :

BNA_M

ClientSampleId :

SLCS013

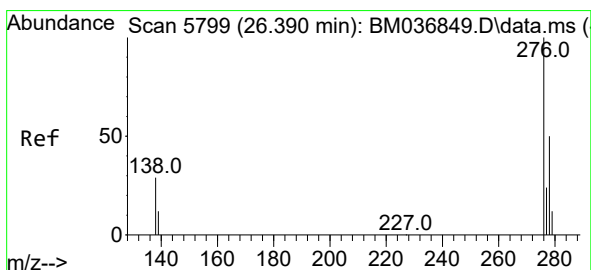
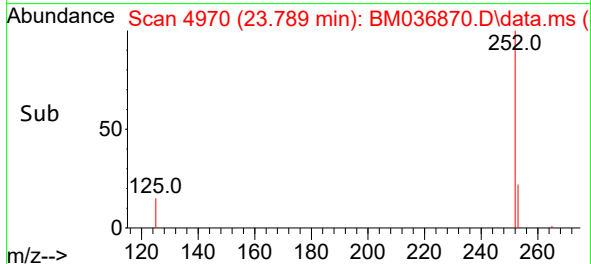
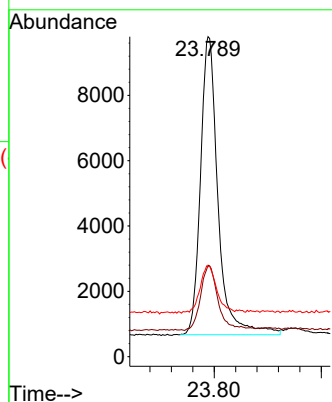
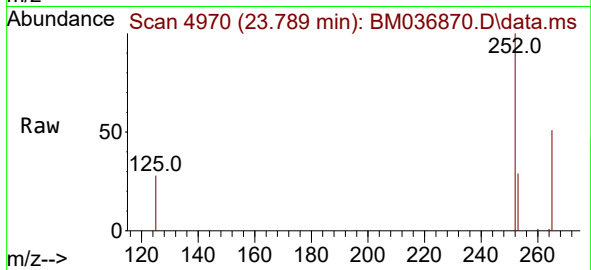
Tgt Ion:252 Resp: 20702

Ion Ratio Lower Upper

252 100

253 28.6 29.7 44.5#

125 28.1 23.6 35.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.291 ng/ul

RT: 26.390 min Scan# 5799

Delta R.T. -0.009 min

Lab File: BM036870.D

Acq: 07 Oct 2022 23:06

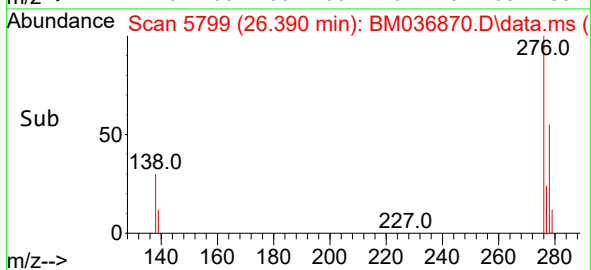
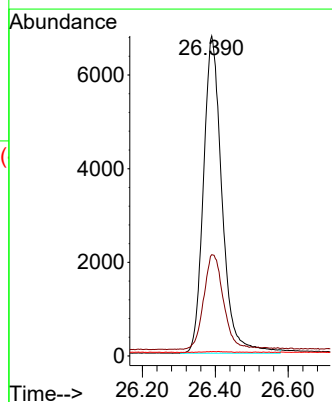
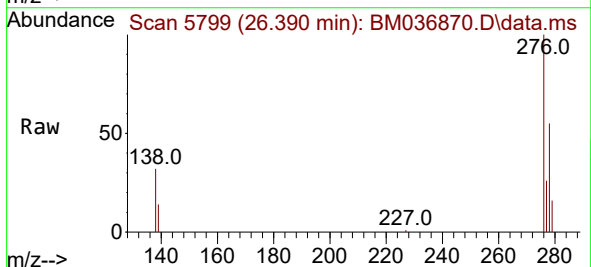
Tgt Ion:276 Resp: 23975

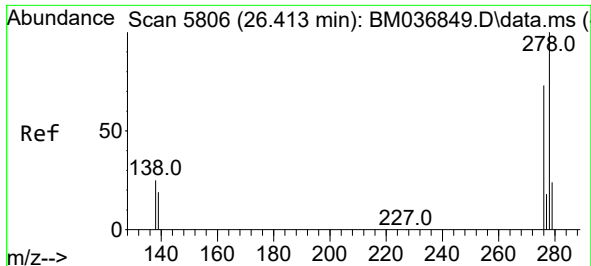
Ion Ratio Lower Upper

276 100

138 31.9 23.9 35.9

227 0.2 0.1 0.1#

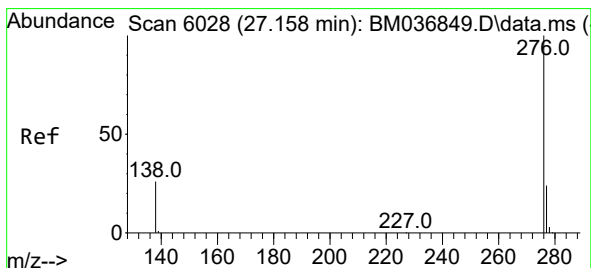
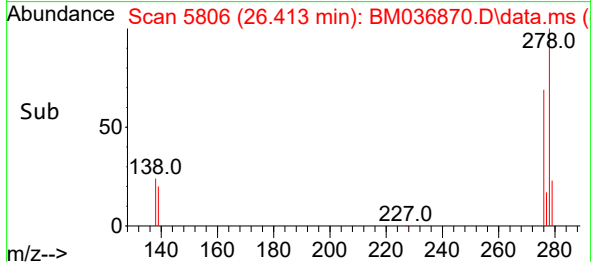
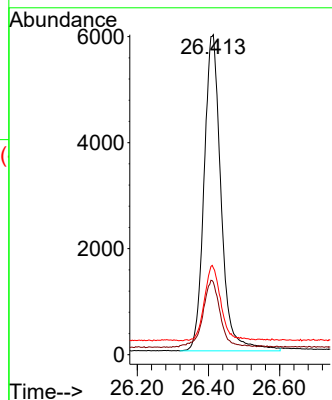
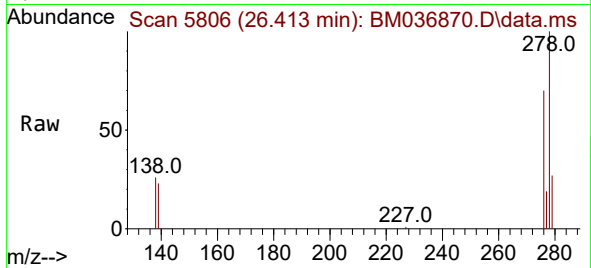




#28
Dibenzo(a,h)anthracene
Concen: 0.297 ng/ul
RT: 26.413 min Scan# 5806
Delta R.T. -0.006 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Instrument :
BNA_M
ClientSampleId :
SLCS013

Tgt Ion:278 Resp: 19748
Ion Ratio Lower Upper
278 100
139 22.7 19.8 29.6
279 27.2 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.295 ng/ul
RT: 27.155 min Scan# 6027
Delta R.T. -0.009 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:276 Resp: 21410
Ion Ratio Lower Upper
276 100
138 29.3 23.4 35.0
277 25.1 21.0 31.4

