

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BM036872.D
 Acq On : 08 Oct 2022 00:17
 Operator : CG/JU
 Sample : PB148014BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS014

Quant Time: Oct 08 02:24:05 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)

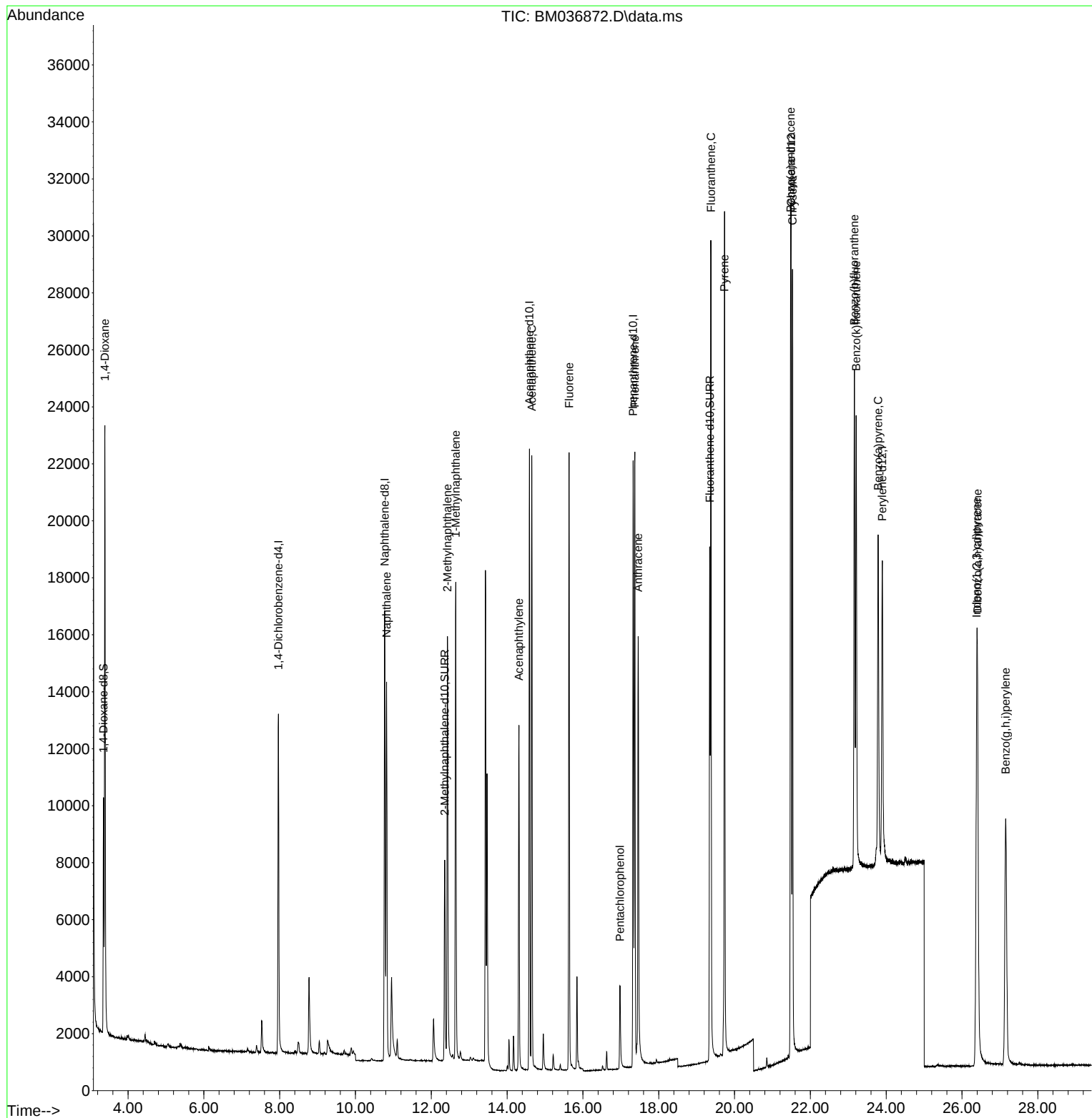
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	6534	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	22135	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.590	164	11736	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.327	188	24467	0.400	ng/ul	0.00
17) Chrysene-d12	21.493	240	20565	0.400	ng/ul	0.00
23) Perylene-d12	23.896	264	15952	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5201	0.564	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	10205	0.305	ng/ul	0.00
18) Fluoranthene-d10	19.346	212	19502	0.317	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	14177	1.574	ng/ul#	77
5) Naphthalene	10.820	128	18756	0.296	ng/ul	97
7) 2-Methylnaphthalene	12.426	142	11491	0.297	ng/ul	93
8) 1-Methylnaphthalene	12.646	142	11989	0.305	ng/ul	99
10) Acenaphthylene	14.312	152	14334	0.294	ng/ul	99
11) Acenaphthene	14.650	153	12369	0.292	ng/ul	99
12) Fluorene	15.635	166	13942	0.291	ng/ul	99
14) Pentachlorophenol	16.980	266	2465	0.416	ng/ul	99
15) Phenanthrene	17.369	178	22843	0.292	ng/ul	99
16) Anthracene	17.458	178	18393	0.282	ng/ul	99
19) Fluoranthene	19.378	202	24953	0.305	ng/ul	99
20) Pyrene	19.736	202	25439	0.298	ng/ul	99
21) Benzo(a)anthracene	21.478	228	21173	0.285	ng/ul	98
22) Chrysene	21.531	228	24277	0.304	ng/ul	99
24) Benzo(b)fluoranthene	23.162	252	22490	0.316	ng/ul	94
25) Benzo(k)fluoranthene	23.209	252	21382	0.308	ng/ul	94
26) Benzo(a)pyrene	23.788	252	19276	0.333	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.389	276	21852	0.267	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.409	278	18081	0.273	ng/ul#	91
29) Benzo(g,h,i)perylene	27.154	276	19964	0.277	ng/ul	99

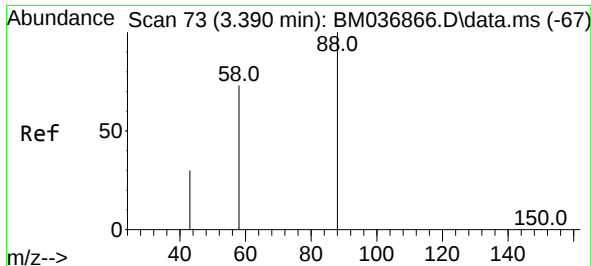
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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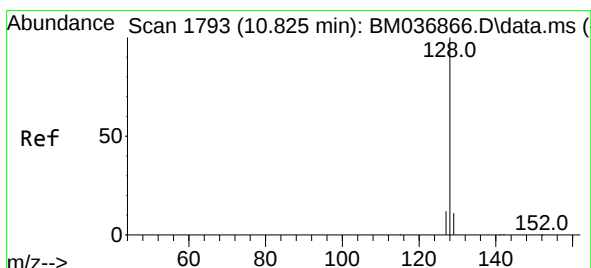
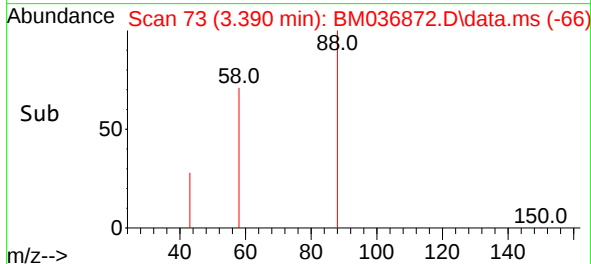
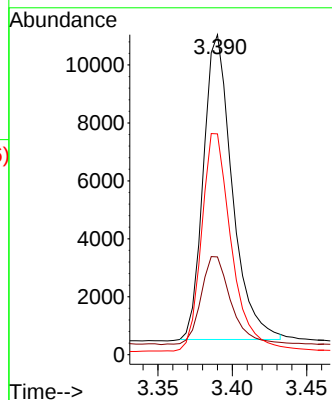
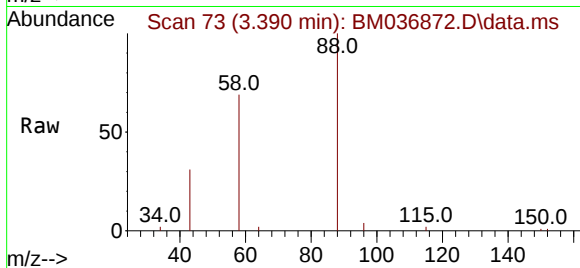




#2
1,4-Dioxane
Concen: 1.574 ng/ul
RT: 3.390 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

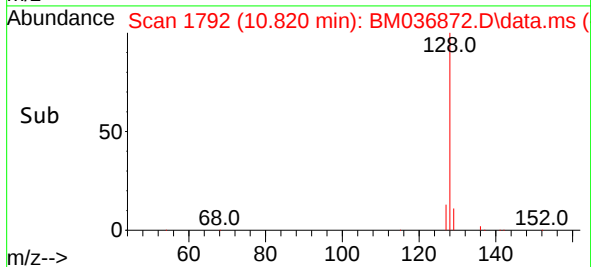
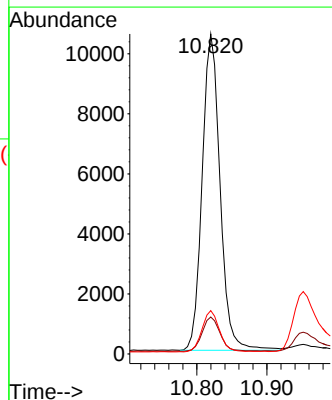
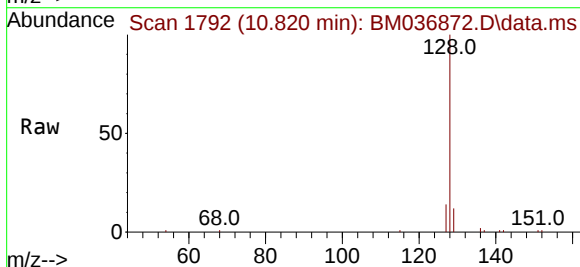
Instrument :
BNA_M
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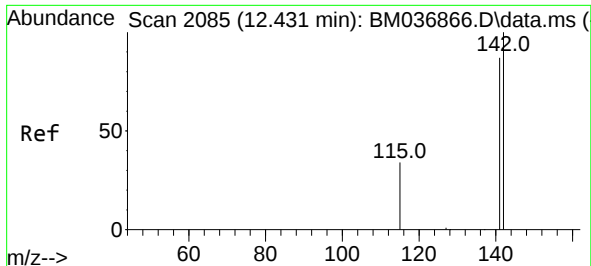
Tgt Ion: 88 Resp: 14177
Ion Ratio Lower Upper
88 100
43 30.5 37.8 56.6#
58 69.0 42.6 63.8#



#5
Naphthalene
Concen: 0.296 ng/ul
RT: 10.820 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion: 128 Resp: 18756
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.6 11.7 17.5

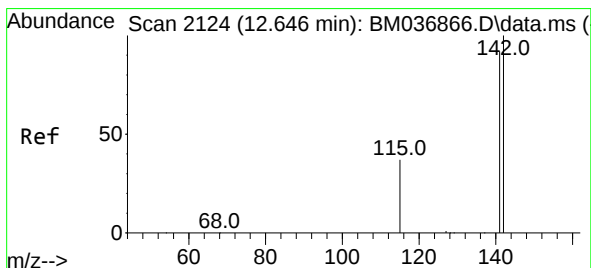
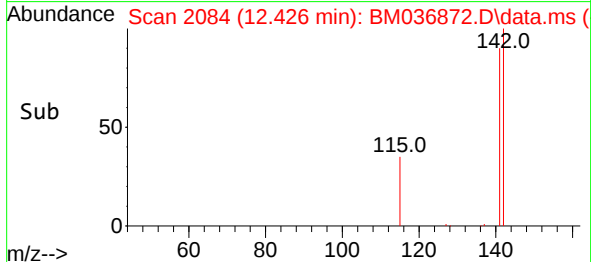
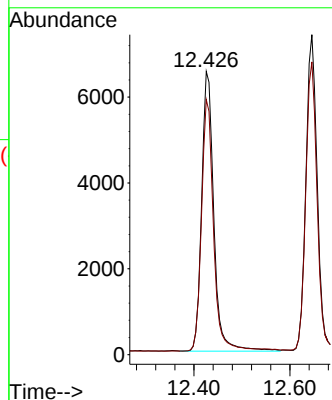
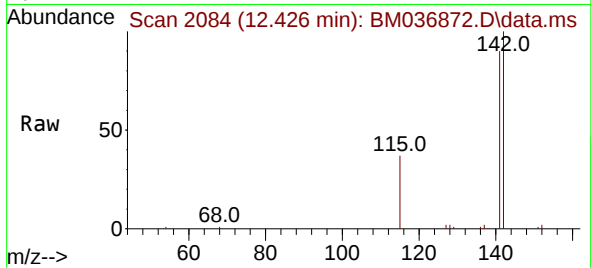




#7
2-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 12.426 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

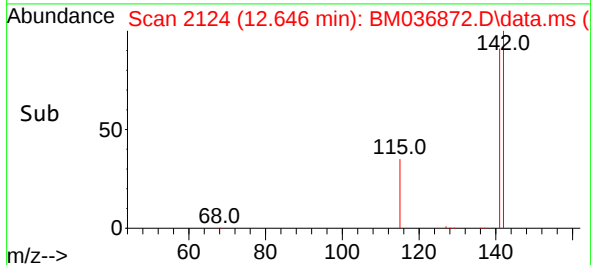
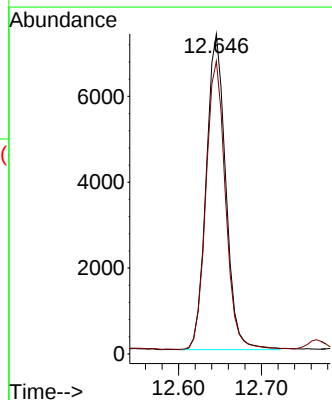
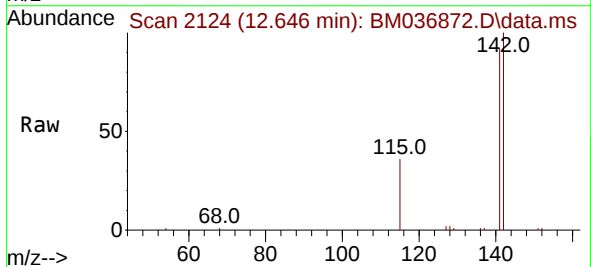
Instrument :
BNA_M
ClientSampleId :
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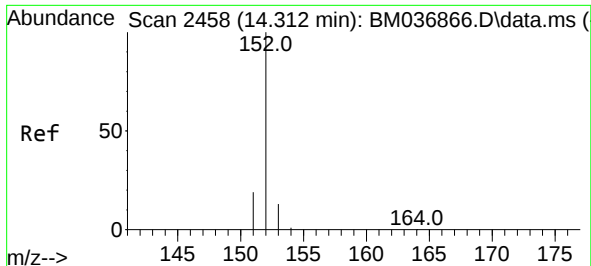
Tgt Ion:142 Resp: 11491
Ion Ratio Lower Upper
142 100
141 89.8 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.646 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:142 Resp: 11989
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1

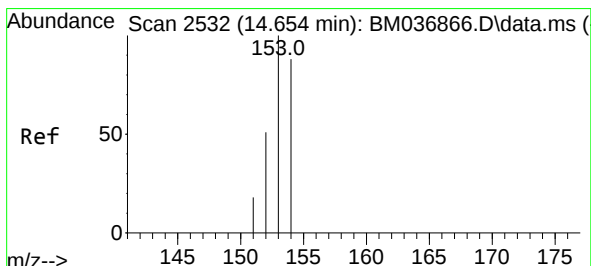
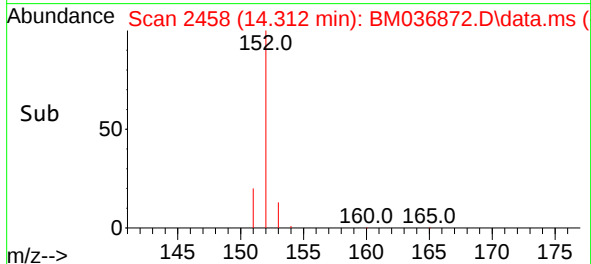
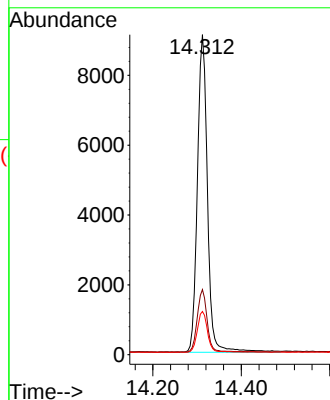
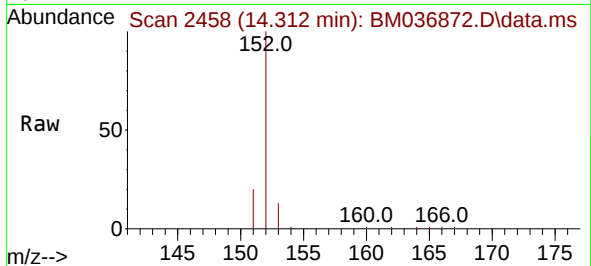




#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 14.312 min Scan# 2458
Delta R.T. -0.005 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

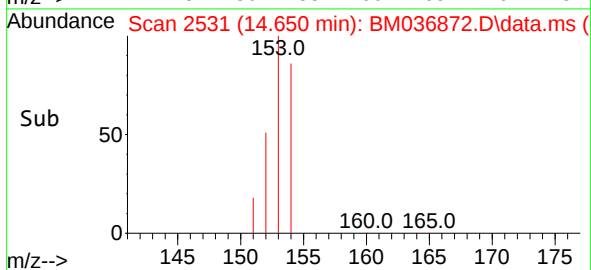
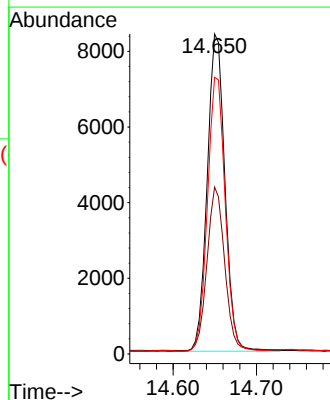
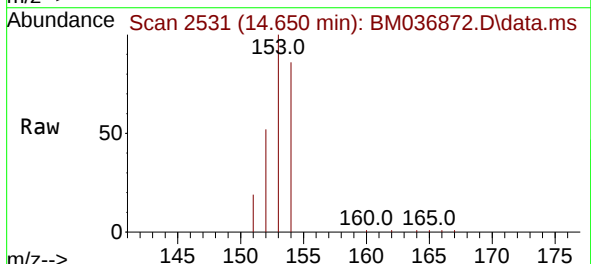
Instrument :
BNA_M
ClientSampleId :
SLCS014

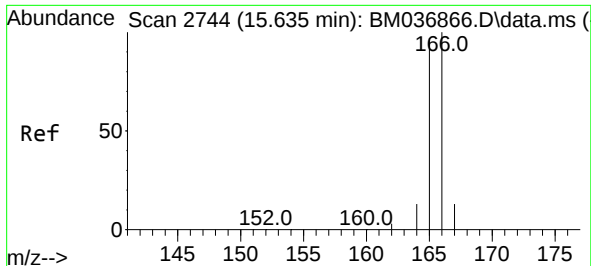
Tgt Ion:152 Resp: 14334
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 13.5 11.4 17.0



#11
Acenaphthene
Concen: 0.292 ng/ul
RT: 14.650 min Scan# 2531
Delta R.T. -0.005 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:153 Resp: 12369
Ion Ratio Lower Upper
153 100
152 52.2 40.2 60.4
154 86.5 69.7 104.5

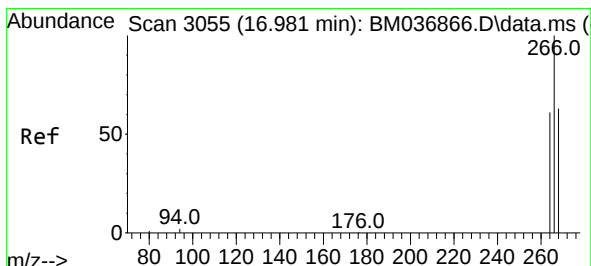
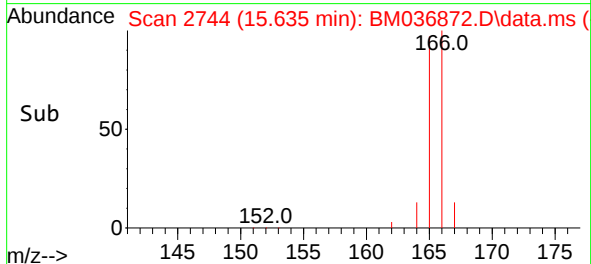
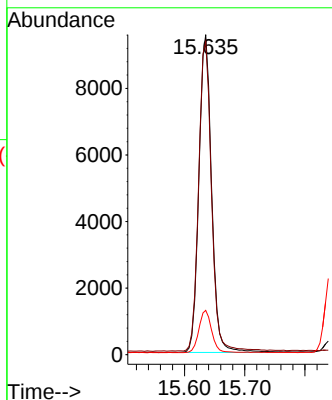
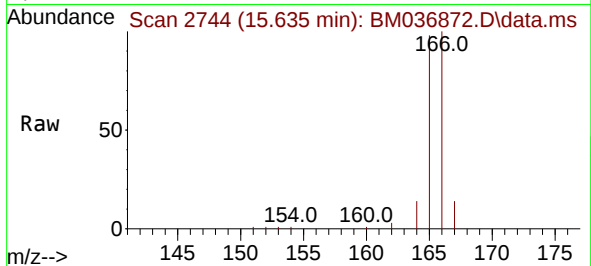




#12
Fluorene
Concen: 0.291 ng/ul
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

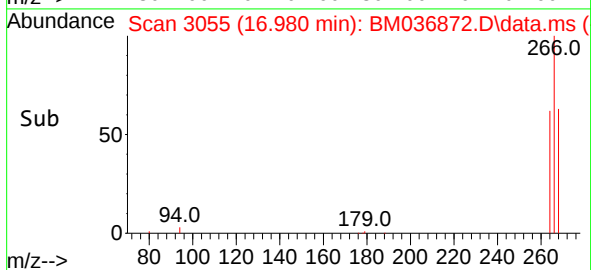
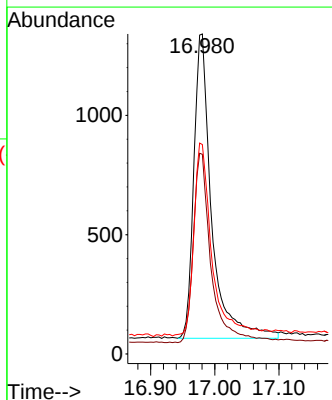
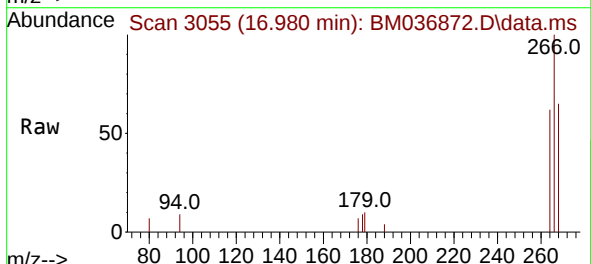
Instrument :
BNA_M
ClientSampleId :
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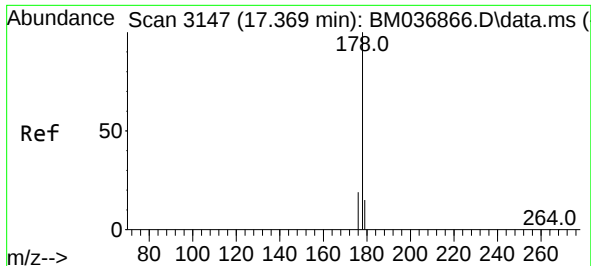
Tgt Ion:166 Resp: 13942
Ion Ratio Lower Upper
166 100
165 97.8 78.9 118.3
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.416 ng/ul
RT: 16.980 min Scan# 3055
Delta R.T. -0.009 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:266 Resp: 2465
Ion Ratio Lower Upper
266 100
264 62.2 50.3 75.5
268 65.5 53.5 80.3

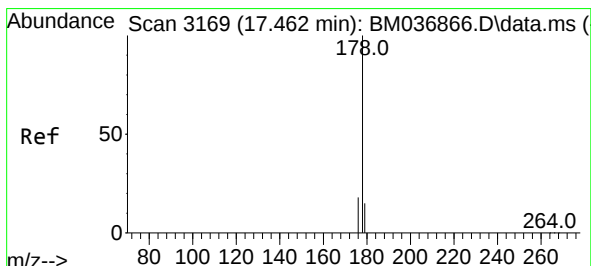
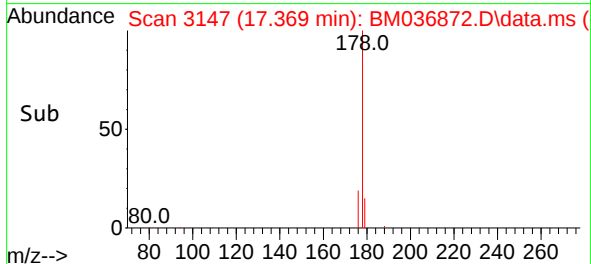
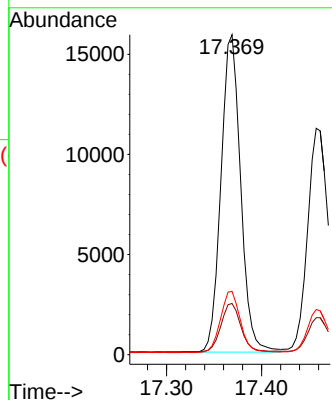
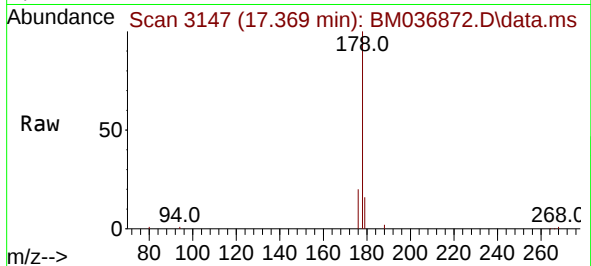




#15
Phenanthrene
Concen: 0.292 ng/ul
RT: 17.369 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

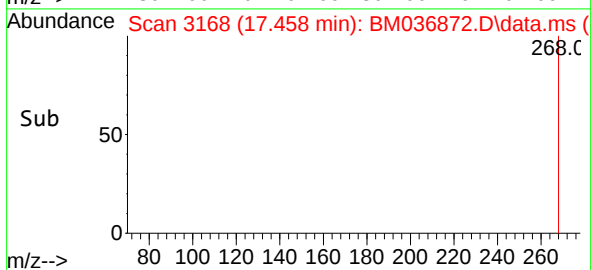
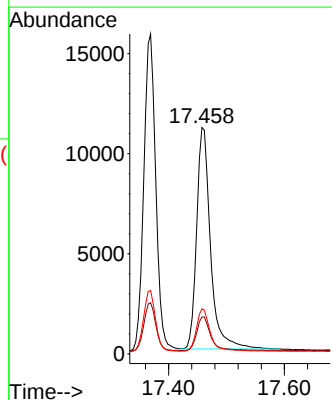
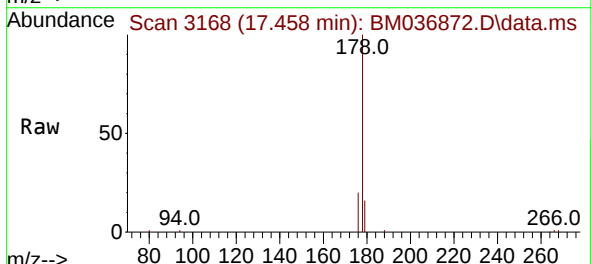
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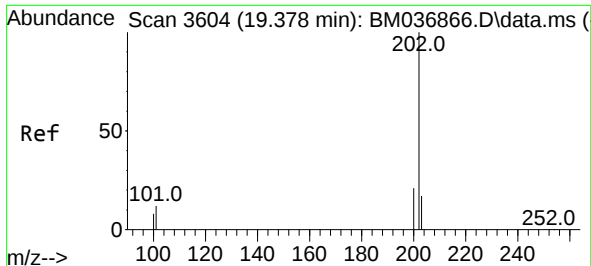
Tgt Ion:178 Resp: 22843
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.282 ng/ul
RT: 17.458 min Scan# 3168
Delta R.T. -0.004 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:178 Resp: 18393
Ion Ratio Lower Upper
178 100
179 16.3 13.6 20.4
176 19.9 15.6 23.4

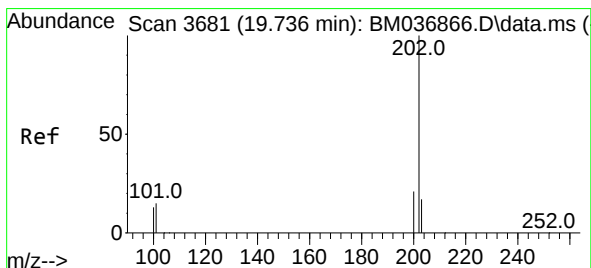
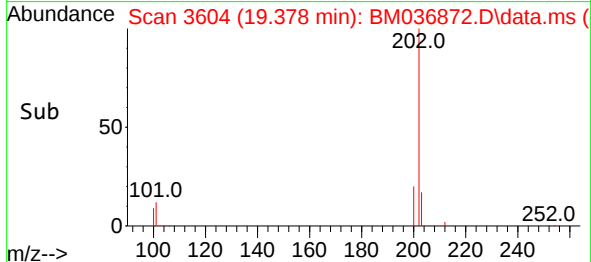
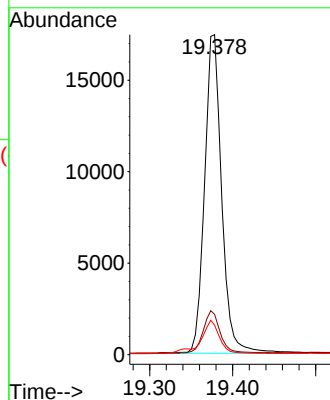
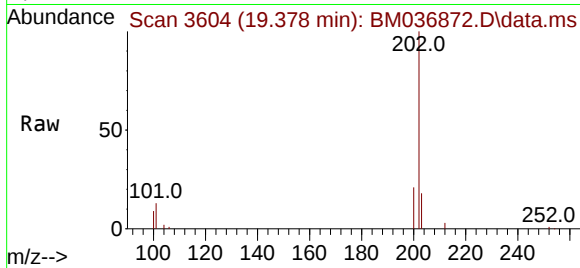




#19
Fluoranthene
Concen: 0.305 ng/ul
RT: 19.378 min Scan# 3604
Delta R.T. -0.000 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

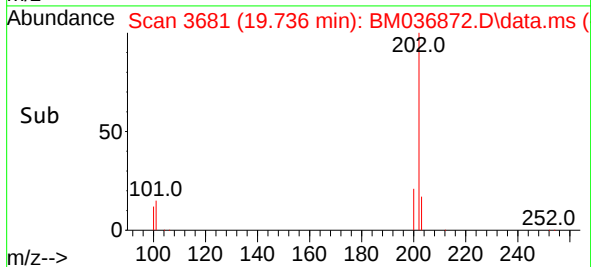
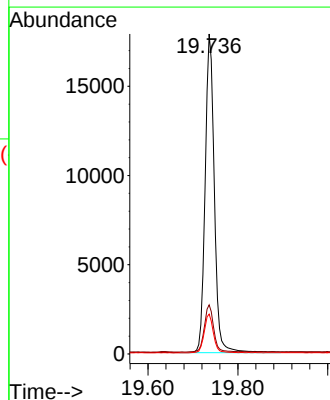
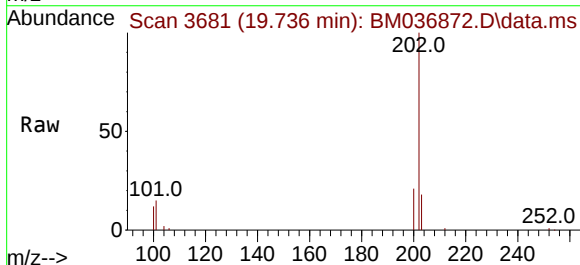
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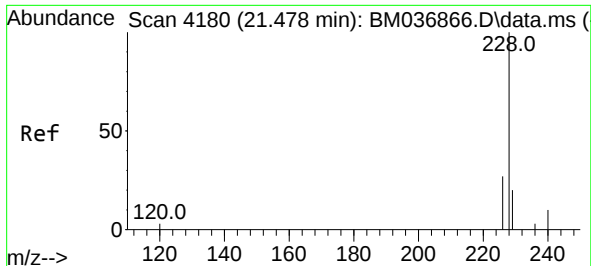
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.1	15.1
100	9.2	7.9	11.9



#20
Pyrene
Concen: 0.298 ng/ul
RT: 19.736 min Scan# 3681
Delta R.T. -0.005 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.0	18.0
100	12.4	9.8	14.6

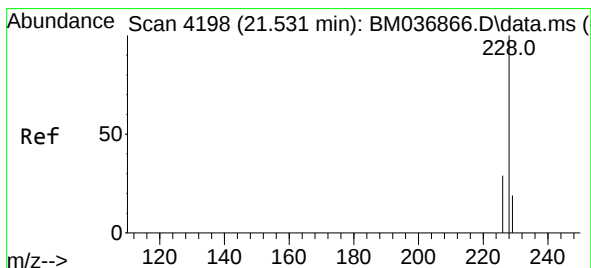
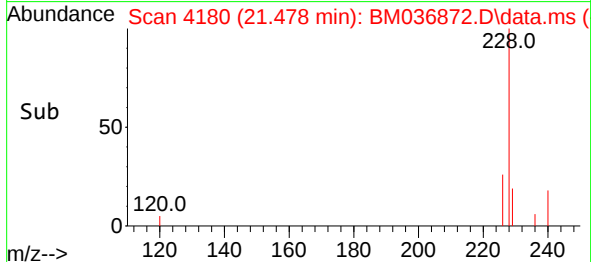
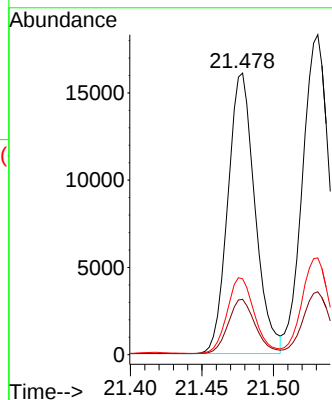
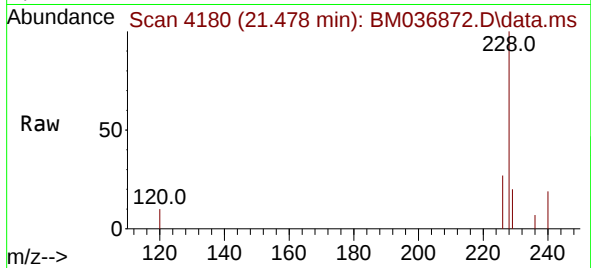




#21
Benzo(a)anthracene
Concen: 0.285 ng/ul
RT: 21.478 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

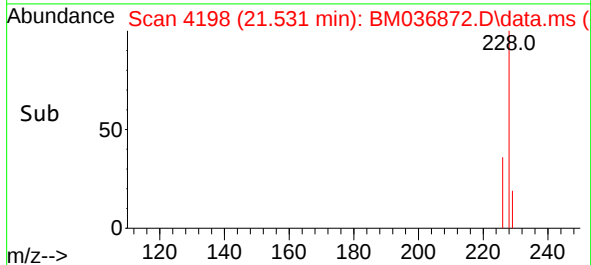
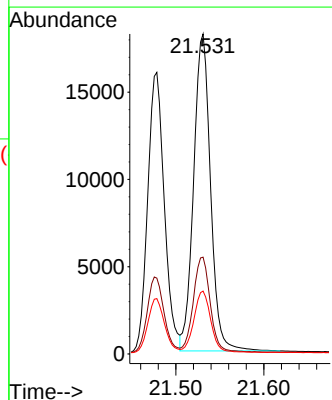
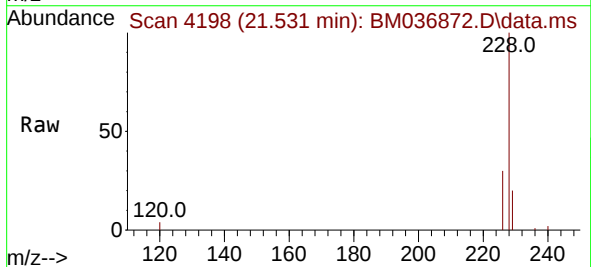
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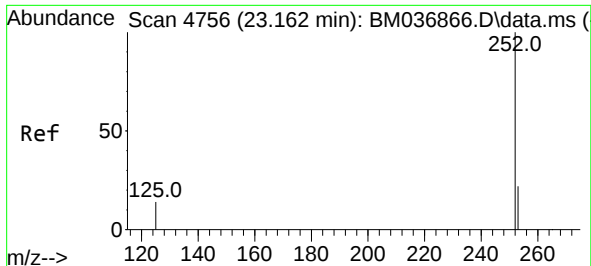
Tgt Ion:228 Resp: 21173
Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.2
226 26.9 22.5 33.7



#22
Chrysene
Concen: 0.304 ng/ul
RT: 21.531 min Scan# 4198
Delta R.T. -0.003 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:228 Resp: 24277
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.7 16.4 24.6

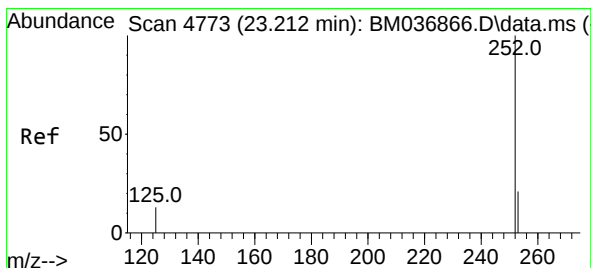
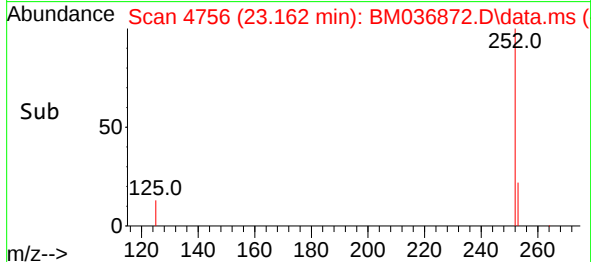
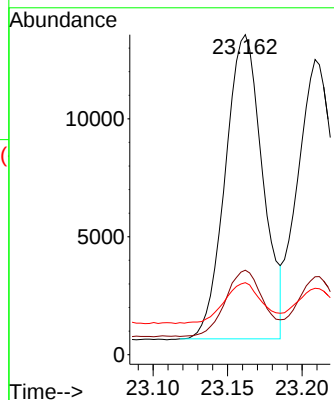
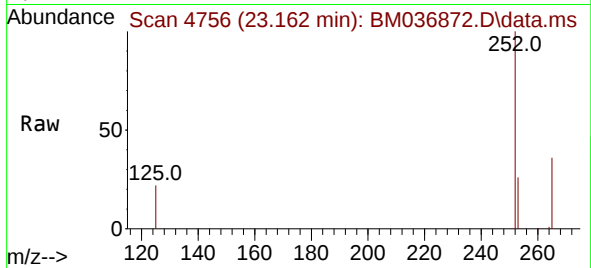




#24
Benzo(b)fluoranthene
Concen: 0.316 ng/ul
RT: 23.162 min Scan# 4756
Delta R.T. -0.006 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

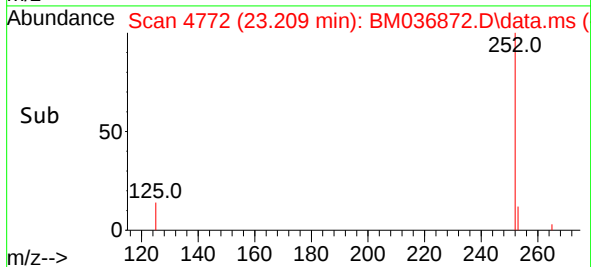
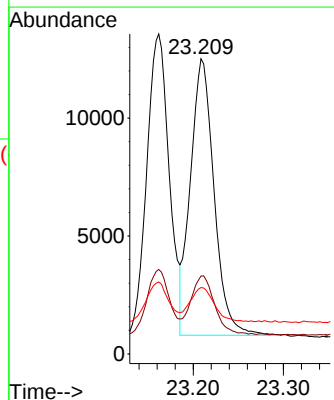
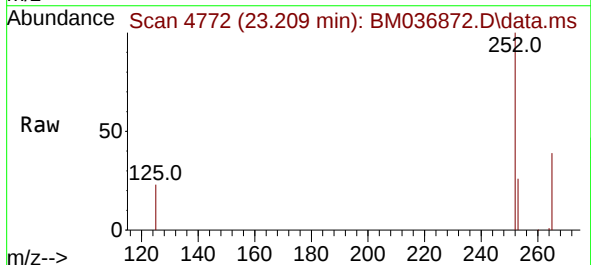
Instrument :
BNA_M
ClientSampleId :
SLCS014

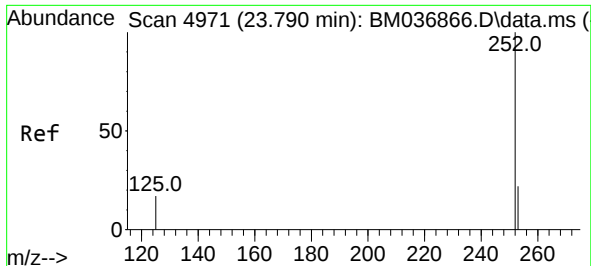
Tgt Ion:252 Resp: 22490
Ion Ratio Lower Upper
252 100
253 26.4 0.0 61.4
125 22.5 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.308 ng/ul
RT: 23.209 min Scan# 4772
Delta R.T. -0.009 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:252 Resp: 21382
Ion Ratio Lower Upper
252 100
253 26.4 25.2 37.8
125 22.5 18.3 27.5

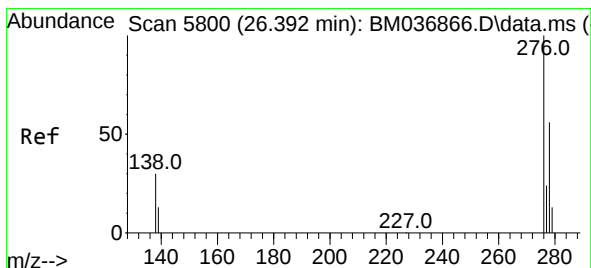
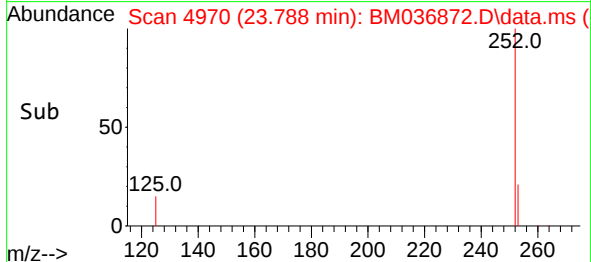
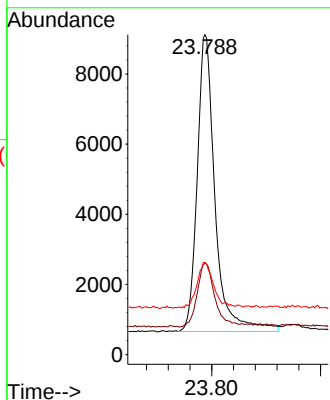
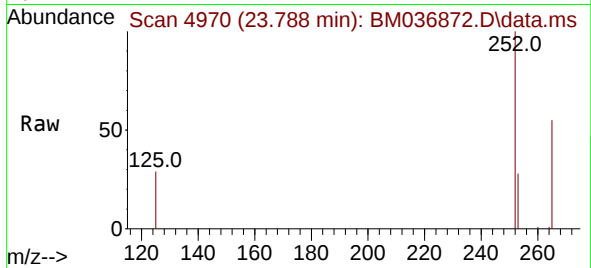




#26
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.788 min Scan# 4971
Delta R.T. -0.006 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

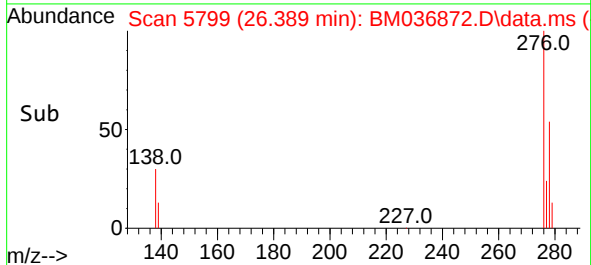
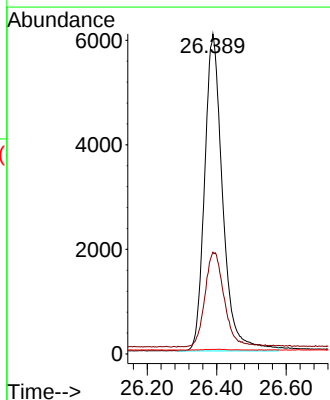
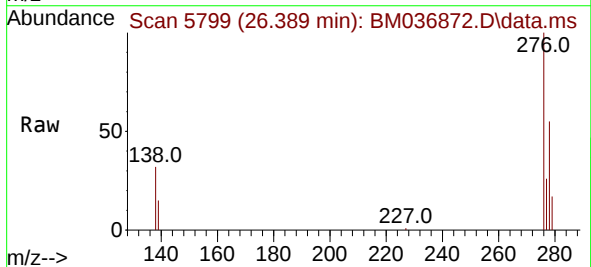
Instrument :
BNA_M
ClientSampleId :
SLCS014

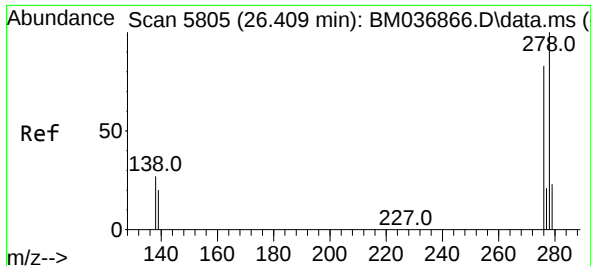
Tgt Ion:252 Resp: 19276
Ion Ratio Lower Upper
252 100
253 28.5 29.7 44.5#
125 28.8 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.267 ng/ul
RT: 26.389 min Scan# 5799
Delta R.T. -0.010 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:276 Resp: 21852
Ion Ratio Lower Upper
276 100
138 32.3 23.9 35.9
227 0.1 0.1 0.1#

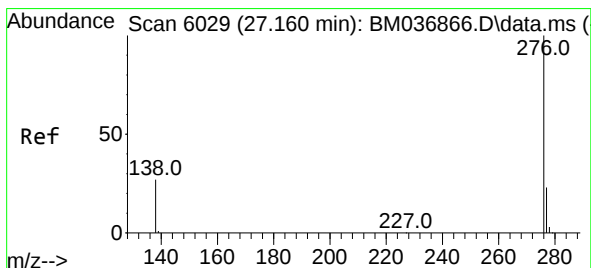
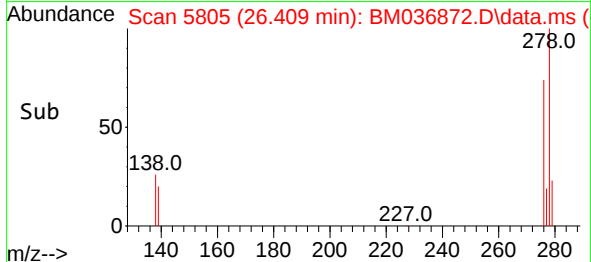
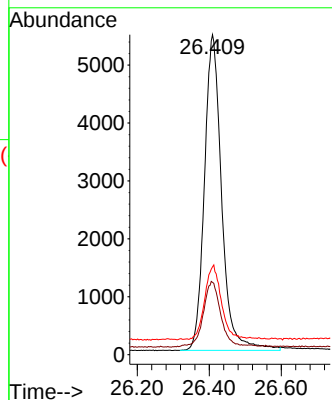
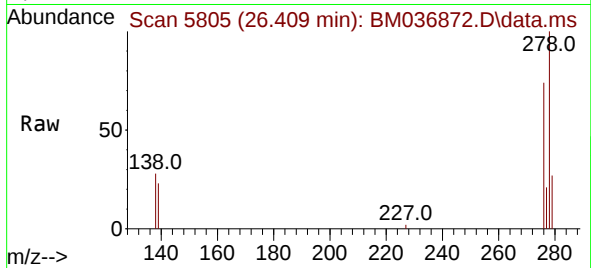




#28
Dibenzo(a,h)anthracene
Concen: 0.273 ng/ul
RT: 26.409 min Scan# 5805
Delta R.T. -0.010 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS014

Tgt Ion:278 Resp: 18081
Ion Ratio Lower Upper
278 100
139 22.6 19.8 29.6
279 27.5 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.277 ng/ul
RT: 27.154 min Scan# 6027
Delta R.T. -0.010 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:276 Resp: 19964
Ion Ratio Lower Upper
276 100
138 29.3 23.4 35.0
277 25.6 21.0 31.4

