

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BM036869.D
 Acq On : 07 Oct 2022 22:30
 Operator : CG/JU
 Sample : PB147969BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS969

Quant Time: Oct 08 02:23:37 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)

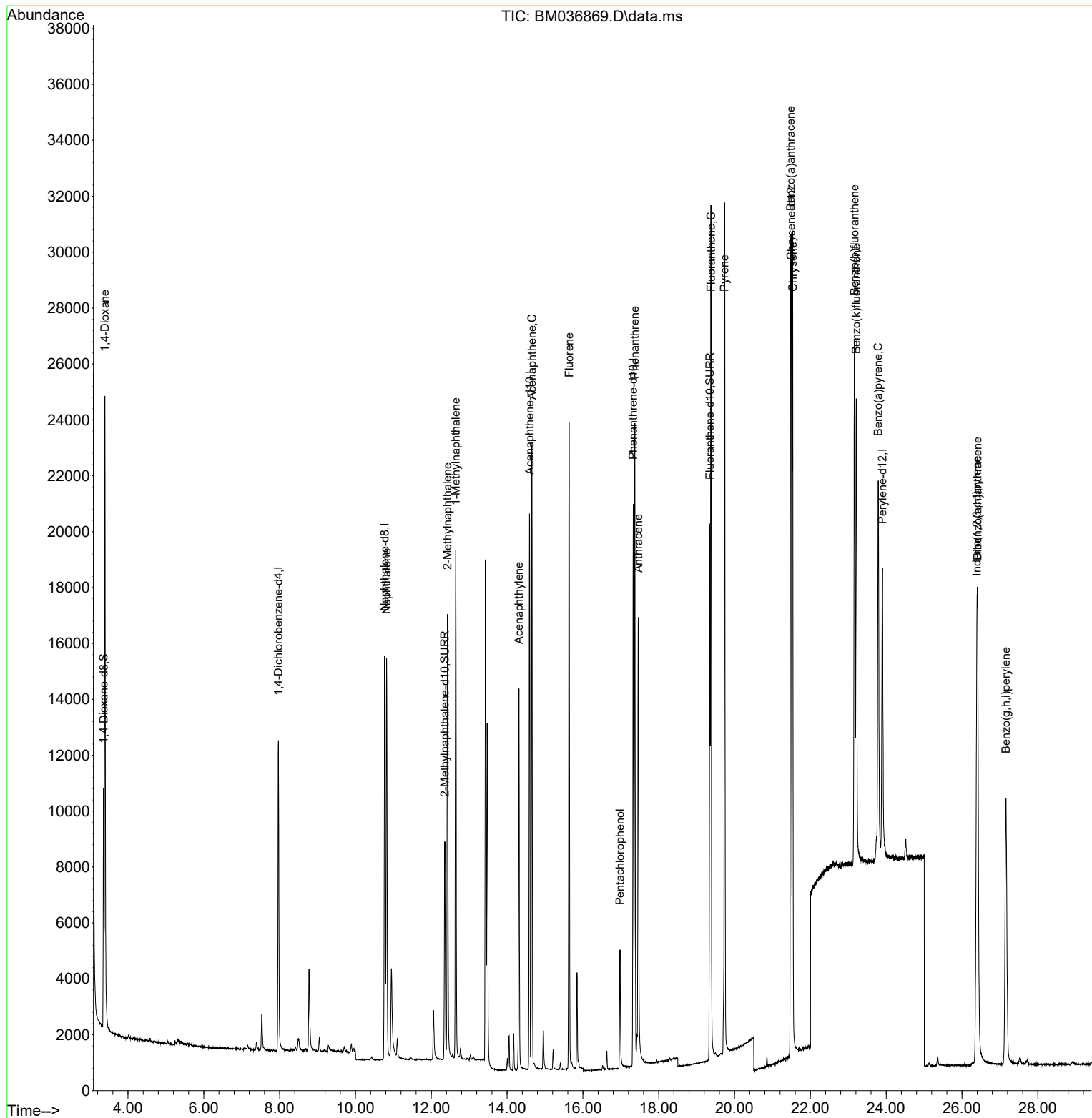
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	6098	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	20496	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.594	164	11101	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	22937	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	19190	0.400	ng/ul	0.00
23) Perylene-d12	23.900	264	15227	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	5580	0.649	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	10892	0.352	ng/ul	0.00
18) Fluoranthene-d10	19.345	212	20844	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	14871	1.769	ng/ul#	77
5) Naphthalene	10.820	128	19574	0.334	ng/ul	97
7) 2-Methylnaphthalene	12.426	142	12174	0.340	ng/ul	93
8) 1-Methylnaphthalene	12.646	142	12542	0.345	ng/ul	100
10) Acenaphthylene	14.311	152	15327	0.332	ng/ul	98
11) Acenaphthene	14.654	153	13022	0.325	ng/ul	98
12) Fluorene	15.634	166	14609	0.322	ng/ul	99
14) Pentachlorophenol	16.976	266	3162	0.570	ng/ul	98
15) Phenanthrene	17.368	178	23874	0.326	ng/ul	99
16) Anthracene	17.461	178	19460	0.318	ng/ul	99
19) Fluoranthene	19.378	202	26191	0.343	ng/ul	99
20) Pyrene	19.735	202	26494	0.333	ng/ul	99
21) Benzo(a)anthracene	21.479	228	22480	0.324	ng/ul	98
22) Chrysene	21.532	228	25803	0.347	ng/ul	99
24) Benzo(b)fluoranthene	23.163	252	24465	0.360	ng/ul	95
25) Benzo(k)fluoranthene	23.210	252	23140	0.349	ng/ul	95
26) Benzo(a)pyrene	23.789	252	21869	0.396	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.390	276	24763	0.317	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.410	278	20362	0.322	ng/ul#	91
29) Benzo(g,h,i)perylene	27.158	276	21620	0.314	ng/ul	99

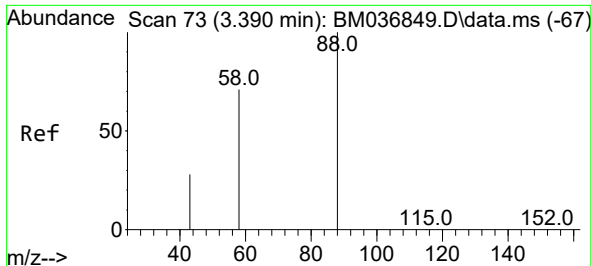
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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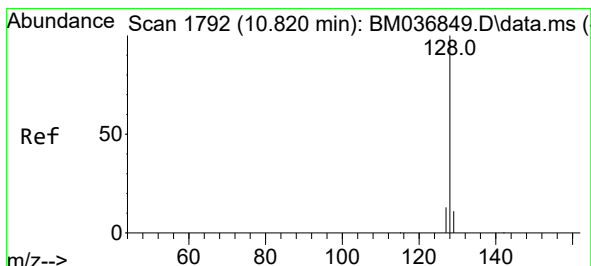
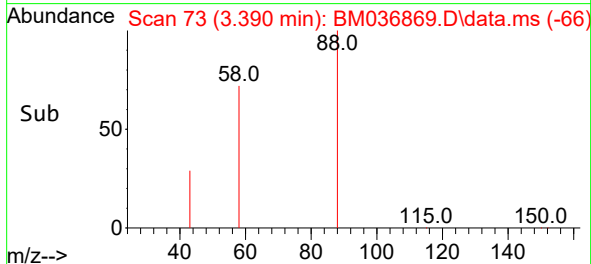
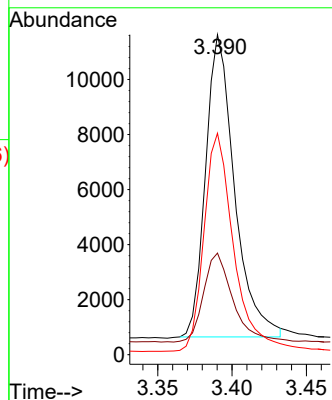
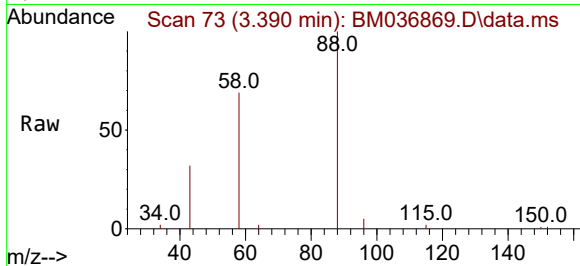




#2
1,4-Dioxane
Concen: 1.769 ng/ul
RT: 3.390 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

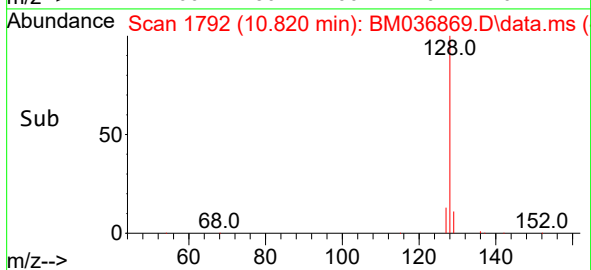
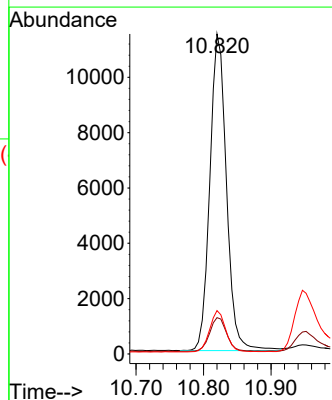
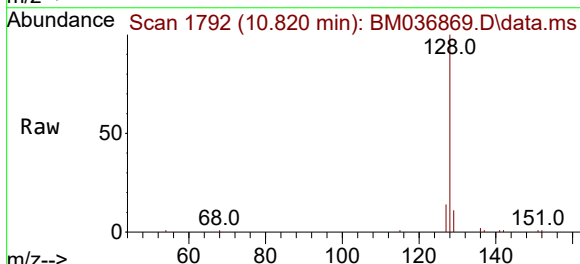
Instrument :
BNA_M
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SLCS969

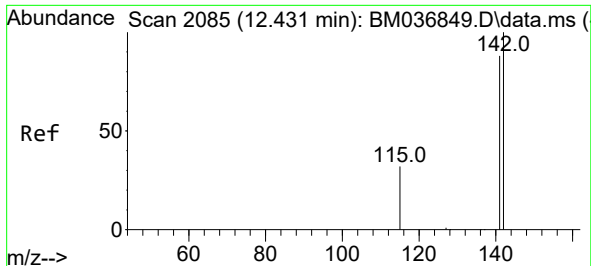
Tgt Ion: 88 Resp: 14871
Ion Ratio Lower Upper
88 100
43 31.8 37.8 56.6#
58 69.2 42.6 63.8#



#5
Naphthalene
Concen: 0.334 ng/ul
RT: 10.820 min Scan# 1792
Delta R.T. -0.005 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

Tgt Ion: 128 Resp: 19574
Ion Ratio Lower Upper
128 100
129 11.3 10.2 15.2
127 13.5 11.7 17.5

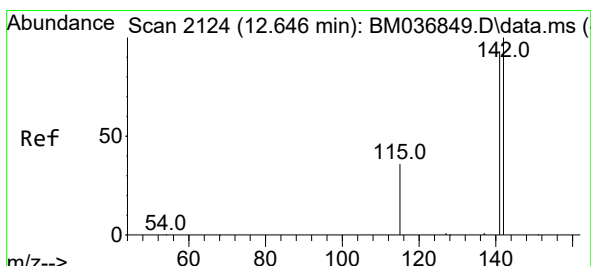
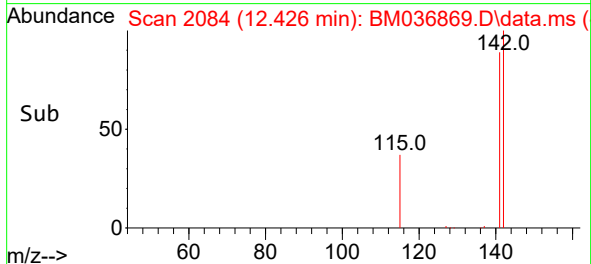
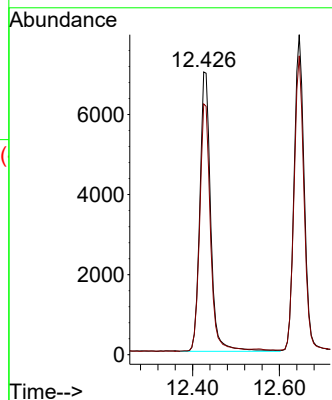
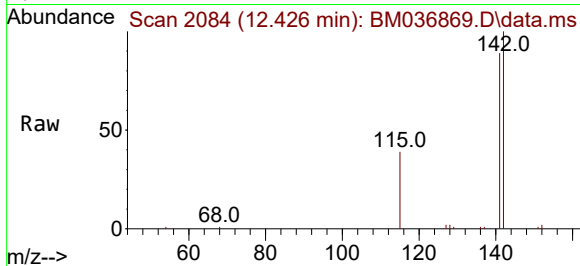




#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.426 min Scan# 2084
Delta R.T. -0.005 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

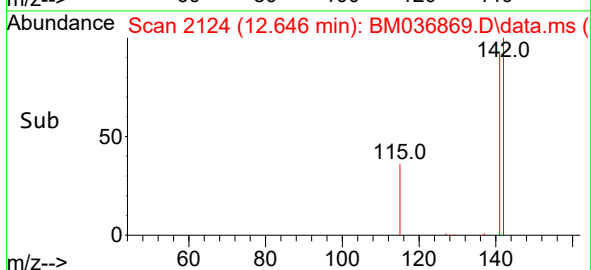
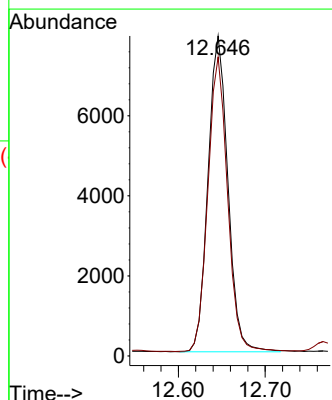
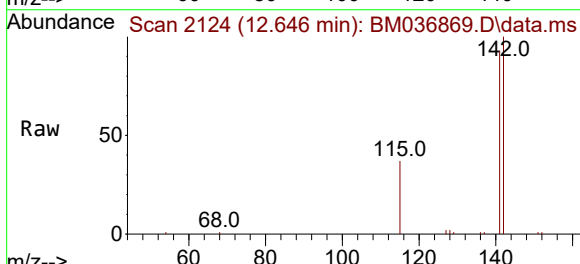
Instrument :
BNA_M
ClientSampleId :
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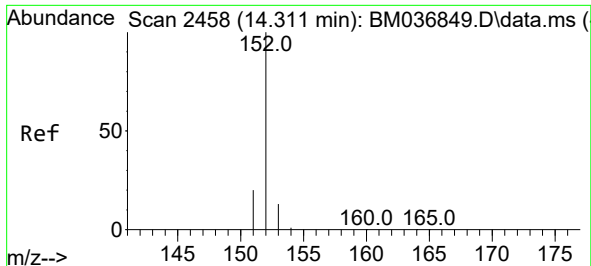
Tgt Ion:142 Resp: 12174
Ion Ratio Lower Upper
142 100
141 89.6 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.646 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

Tgt Ion:142 Resp: 12542
Ion Ratio Lower Upper
142 100
141 92.2 74.1 111.1

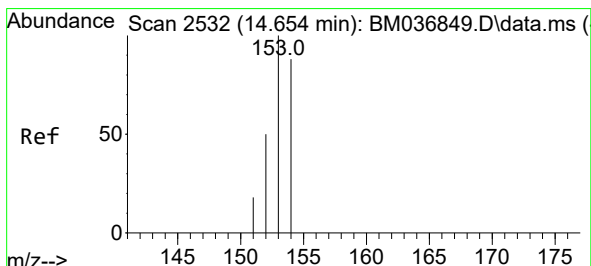
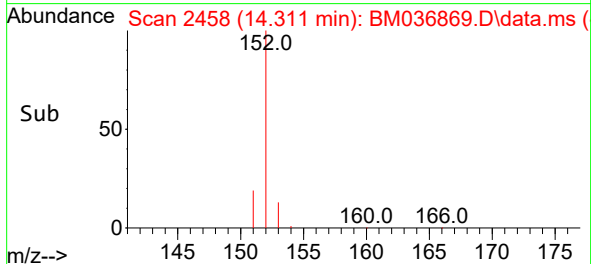
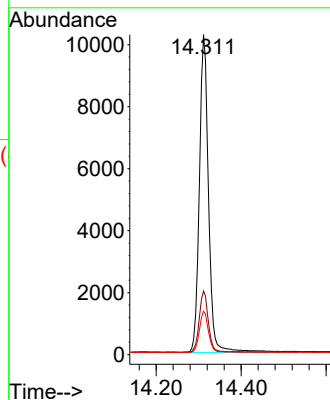
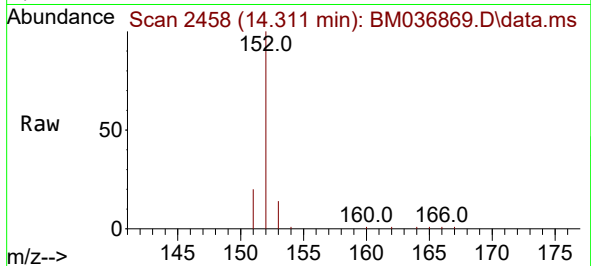




#10
Acenaphthylene
Concen: 0.332 ng/ul
RT: 14.311 min Scan# 2458
Delta R.T. -0.006 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

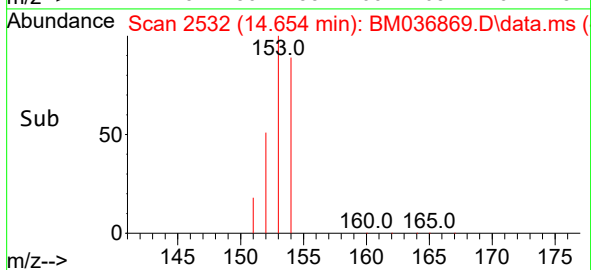
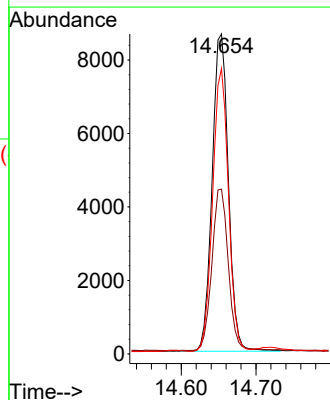
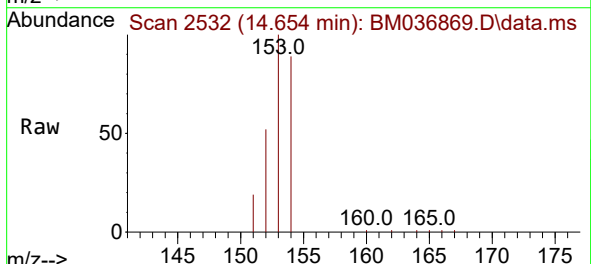
Instrument :
BNA_M
ClientSampleId :
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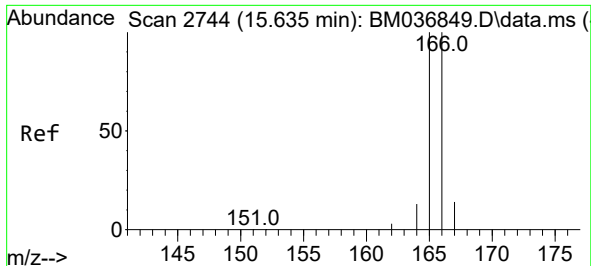
Tgt Ion:152 Resp: 15327
Ion Ratio Lower Upper
152 100
151 19.9 16.6 24.8
153 13.6 11.4 17.0



#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.654 min Scan# 2532
Delta R.T. -0.001 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

Tgt Ion:153 Resp: 13022
Ion Ratio Lower Upper
153 100
152 51.5 40.2 60.4
154 89.2 69.7 104.5

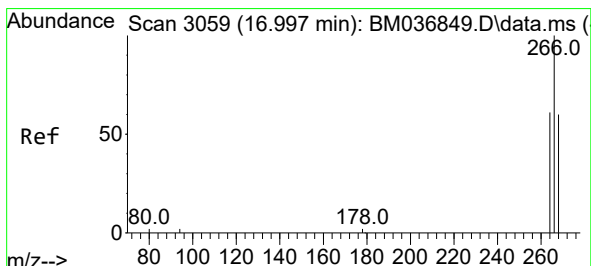
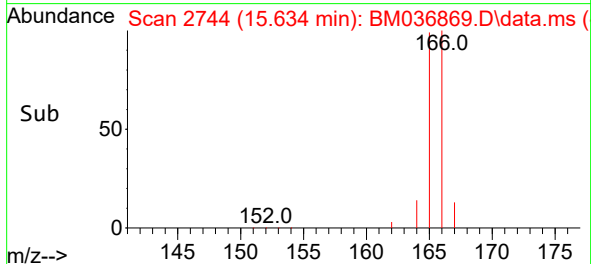
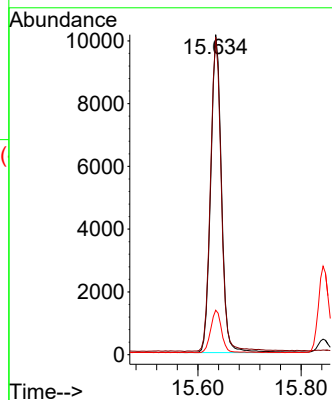
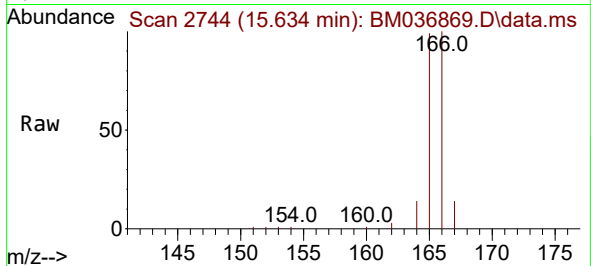




#12
Fluorene
Concen: 0.322 ng/ul
RT: 15.634 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

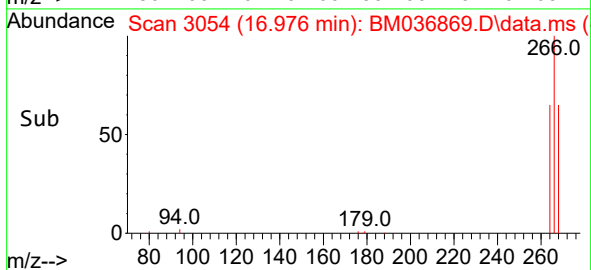
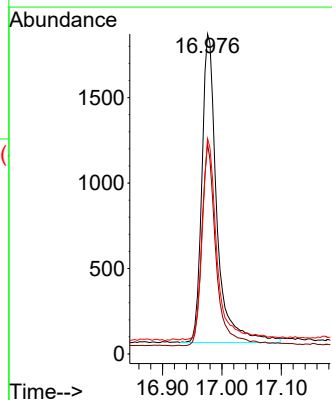
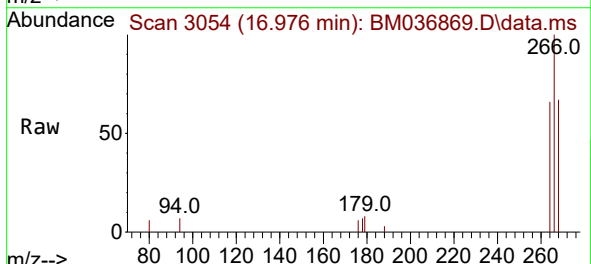
Instrument :
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ClientSampleId :
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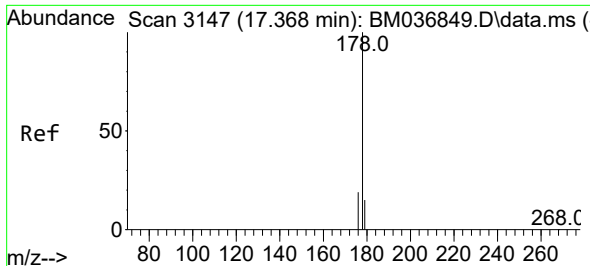
Tgt Ion:166 Resp: 14609
Ion Ratio Lower Upper
166 100
165 99.3 78.9 118.3
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.570 ng/ul
RT: 16.976 min Scan# 3054
Delta R.T. -0.014 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

Tgt Ion:266 Resp: 3162
Ion Ratio Lower Upper
266 100
264 62.9 50.3 75.5
268 63.8 53.5 80.3

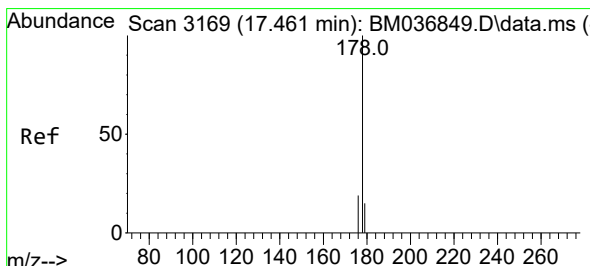
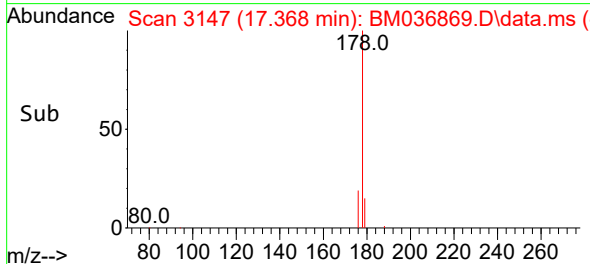
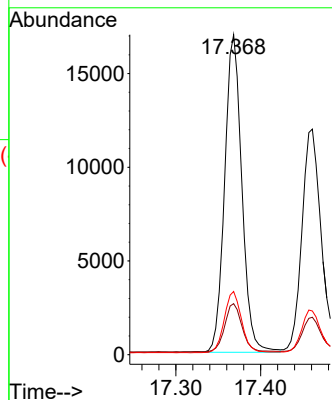
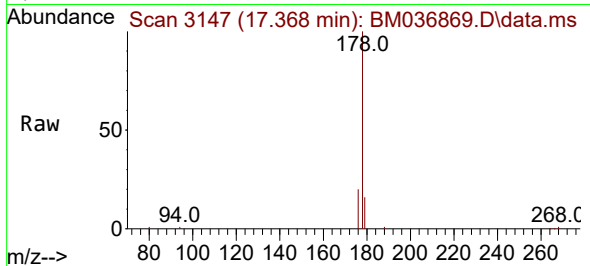




#15
Phenanthrene
Concen: 0.326 ng/ul
RT: 17.368 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

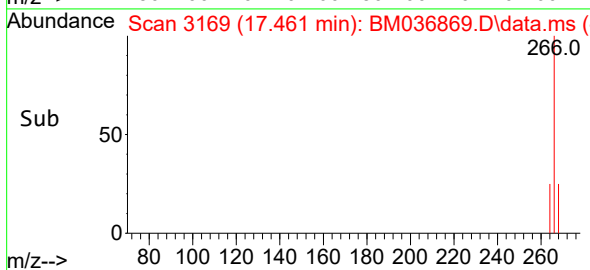
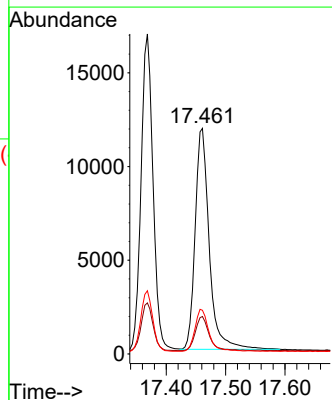
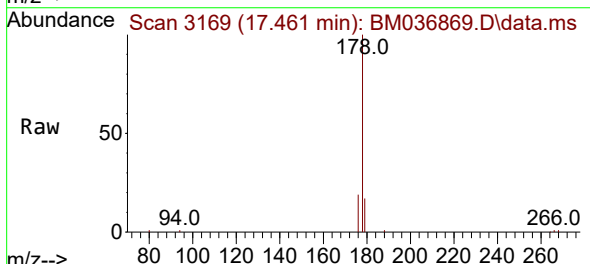
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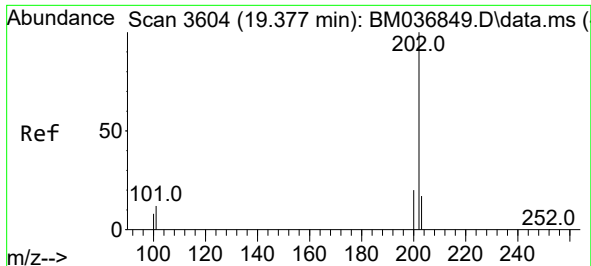
Tgt Ion:178 Resp: 23874
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.318 ng/ul
RT: 17.461 min Scan# 3169
Delta R.T. -0.001 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

Tgt Ion:178 Resp: 19460
Ion Ratio Lower Upper
178 100
179 16.6 13.6 20.4
176 19.4 15.6 23.4

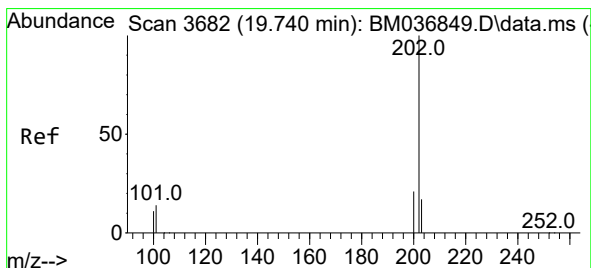
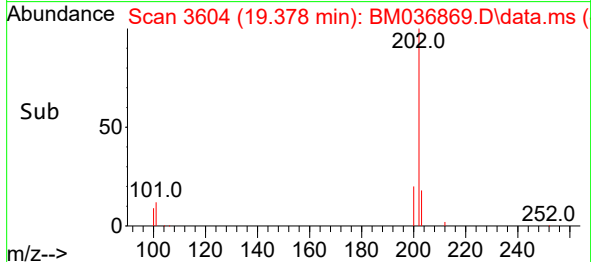
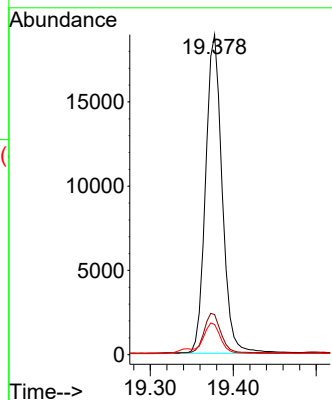
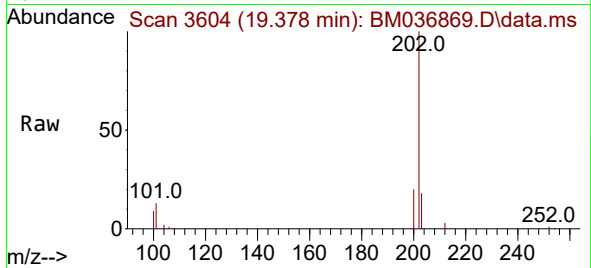




#19
Fluoranthene
Concen: 0.343 ng/ul
RT: 19.378 min Scan# 3604
Delta R.T. -0.001 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

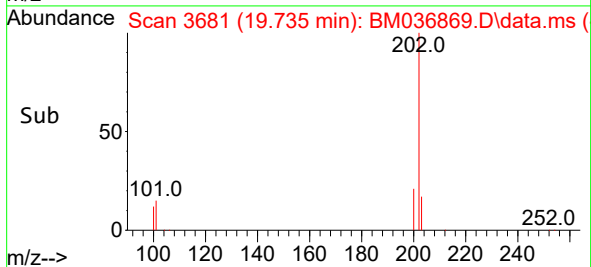
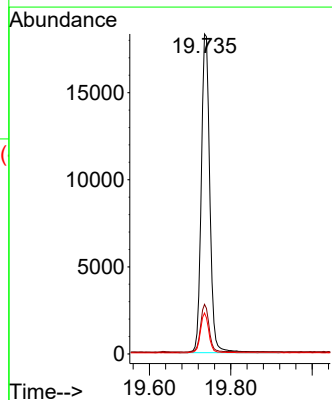
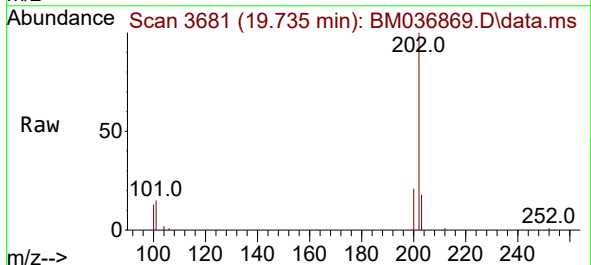
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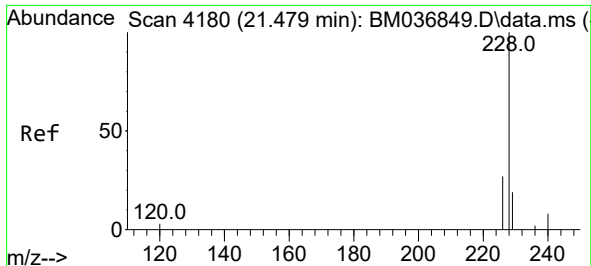
Tgt Ion:202 Resp: 26191
Ion Ratio Lower Upper
202 100
101 12.5 10.1 15.1
100 9.4 7.9 11.9



#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.735 min Scan# 3681
Delta R.T. -0.006 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

Tgt Ion:202 Resp: 26494
Ion Ratio Lower Upper
202 100
101 15.5 12.0 18.0
100 12.8 9.8 14.6

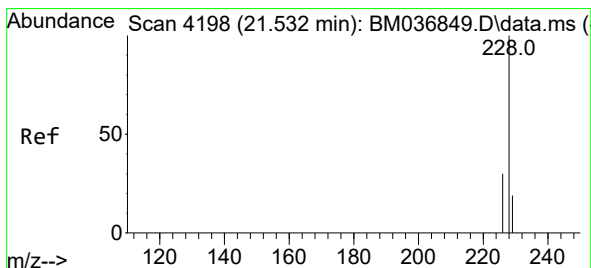
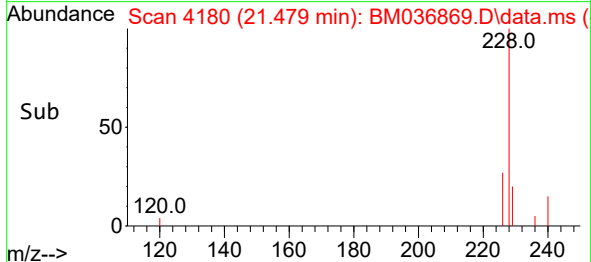
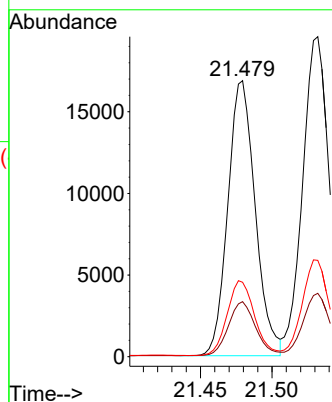
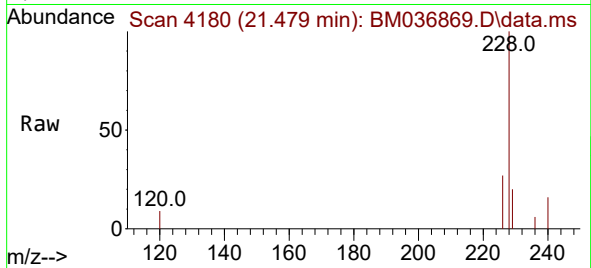




#21
Benzo(a)anthracene
Concen: 0.324 ng/ul
RT: 21.479 min Scan# 4180
Delta R.T. -0.002 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

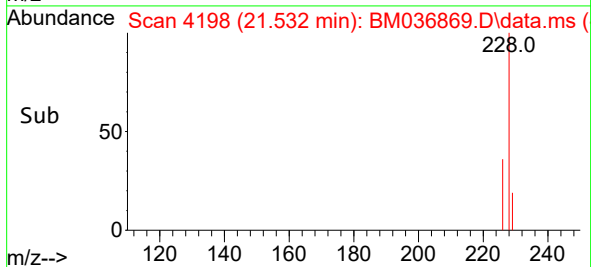
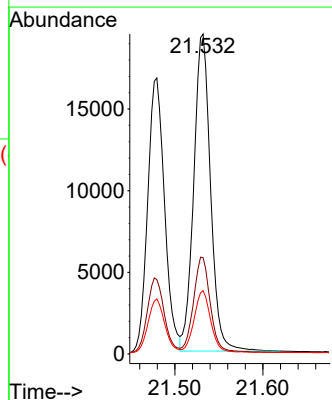
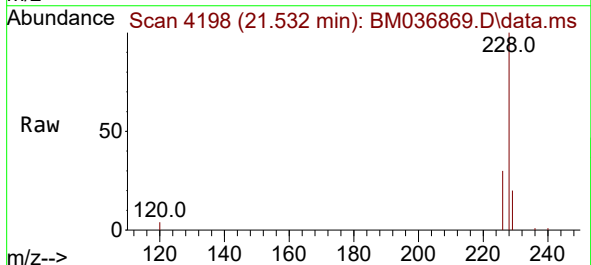
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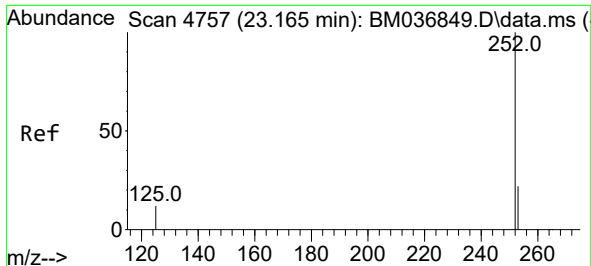
Tgt Ion:228 Resp: 22480
Ion Ratio Lower Upper
228 100
229 19.9 16.2 24.2
226 27.0 22.5 33.7



#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.532 min Scan# 4198
Delta R.T. -0.002 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

Tgt Ion:228 Resp: 25803
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.8 16.4 24.6

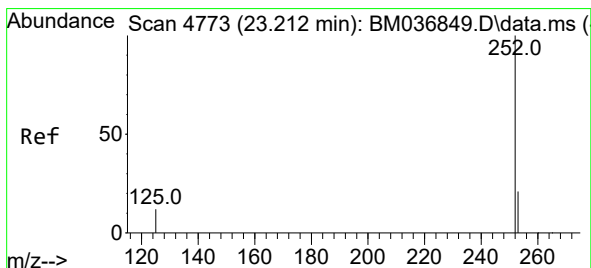
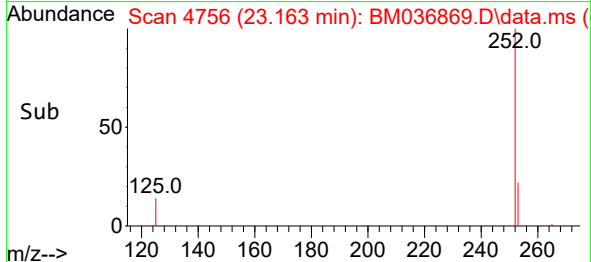
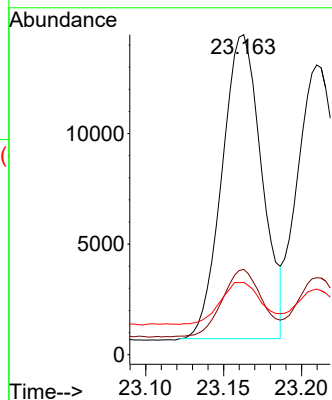
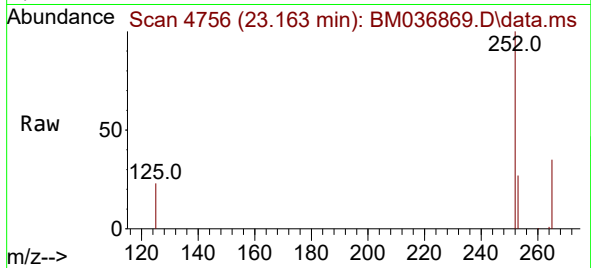




#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 23.163 min Scan# 4756
Delta R.T. -0.005 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

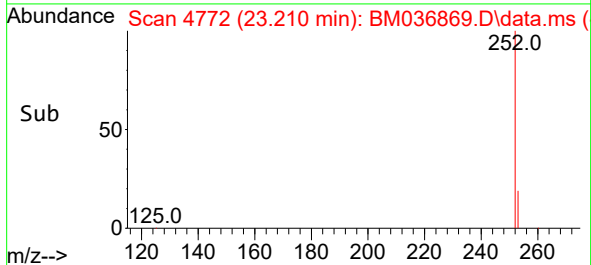
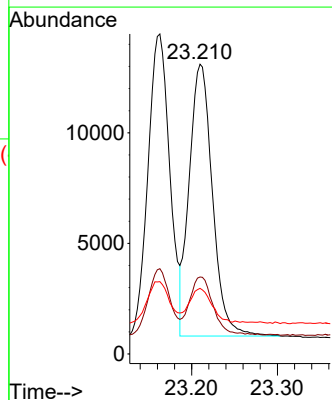
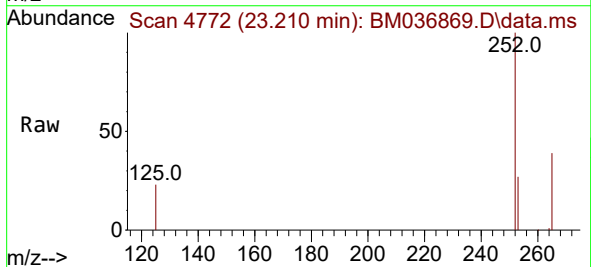
Instrument :
BNA_M
ClientSampleId :
SLCS969

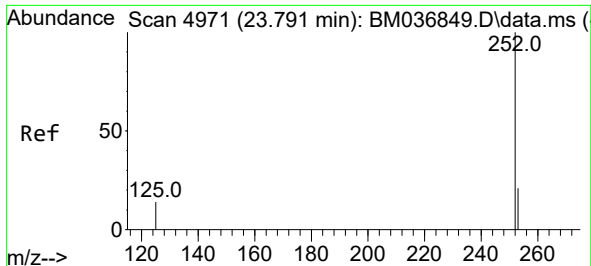
Tgt Ion:252 Resp: 24465
Ion Ratio Lower Upper
252 100
253 26.7 0.0 61.4
125 22.6 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 23.210 min Scan# 4772
Delta R.T. -0.008 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

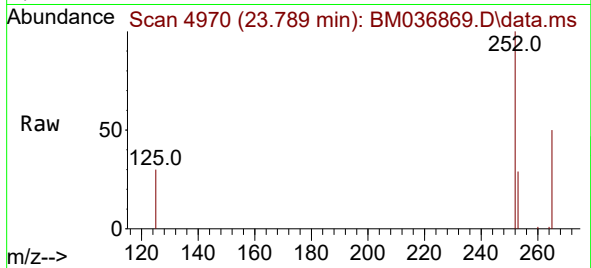
Tgt Ion:252 Resp: 23140
Ion Ratio Lower Upper
252 100
253 26.5 25.2 37.8
125 22.6 18.3 27.5



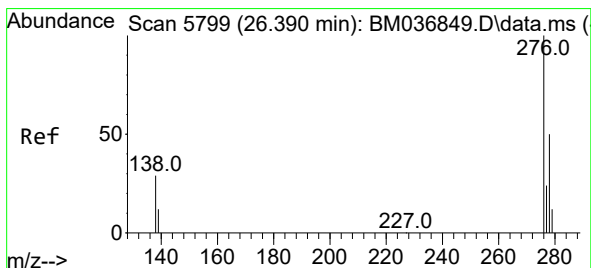
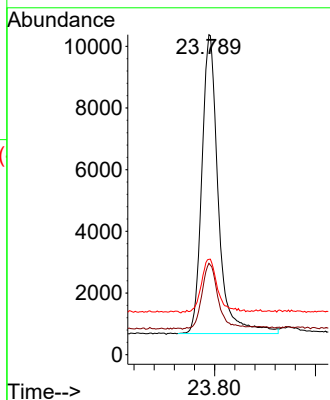
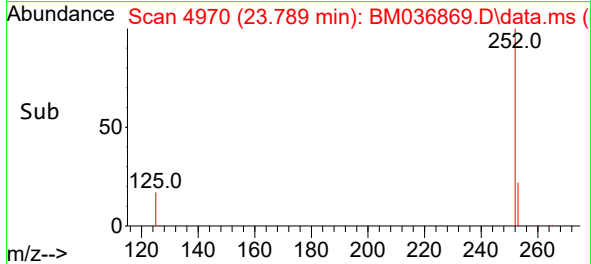


#26
Benzo(a)pyrene
Concen: 0.396 ng/ul
RT: 23.789 min Scan# 4971
Delta R.T. -0.005 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

Instrument :
BNA_M
ClientSampleId :
SLCS969

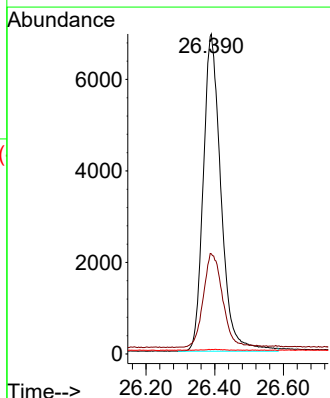
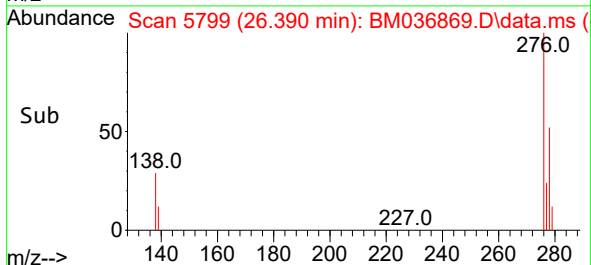
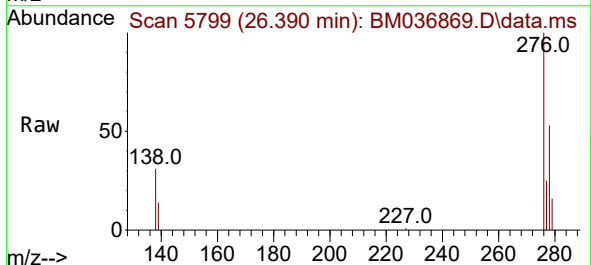


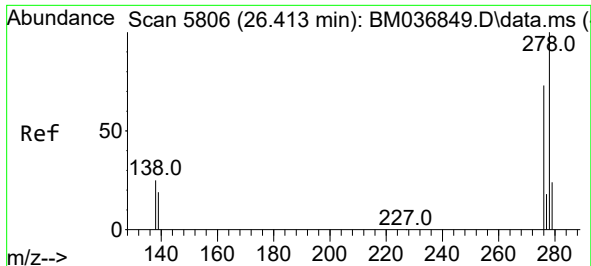
Tgt Ion:252 Resp: 21869
Ion Ratio Lower Upper
252 100
253 28.6 29.7 44.5#
125 29.8 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng/ul
RT: 26.390 min Scan# 5799
Delta R.T. -0.009 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

Tgt Ion:276 Resp: 24763
Ion Ratio Lower Upper
276 100
138 31.9 23.9 35.9
227 0.3 0.1 0.1#

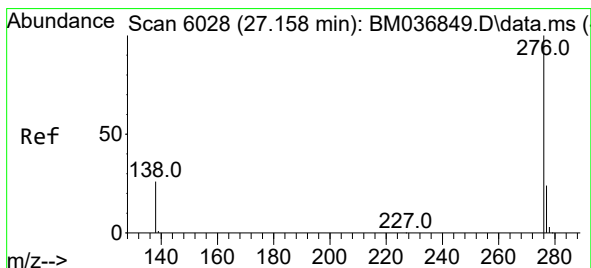
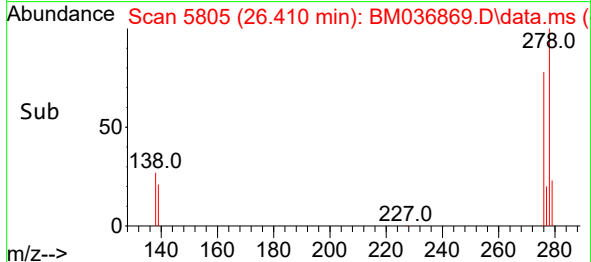
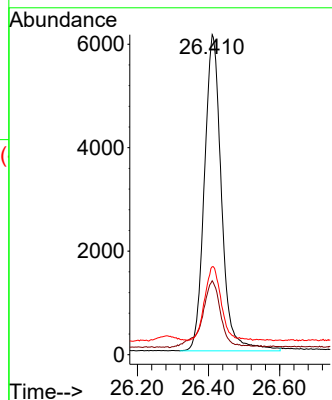
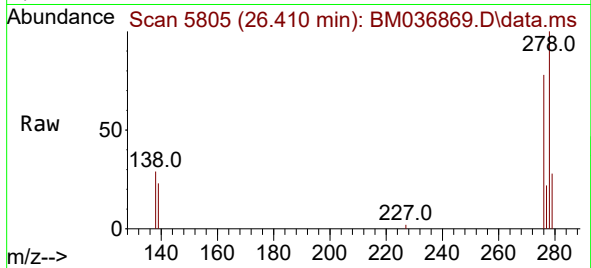




#28
Dibenzo(a,h)anthracene
Concen: 0.322 ng/ul
RT: 26.410 min Scan# 5806
Delta R.T. -0.009 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

Instrument :
BNA_M
ClientSampleId :
SLCS969

Tgt Ion:278 Resp: 20362
Ion Ratio Lower Upper
278 100
139 23.1 19.8 29.6
279 27.5 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.314 ng/ul
RT: 27.158 min Scan# 6028
Delta R.T. -0.006 min
Lab File: BM036869.D
Acq: 07 Oct 2022 22:30

Tgt Ion:276 Resp: 21620
Ion Ratio Lower Upper
276 100
138 29.5 23.4 35.0
277 25.1 21.0 31.4

