

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BM036887.D
 Acq On : 08 Oct 2022 09:43
 Operator : CG/JU
 Sample : PB148001BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS001

Quant Time: Oct 10 01:25:08 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)

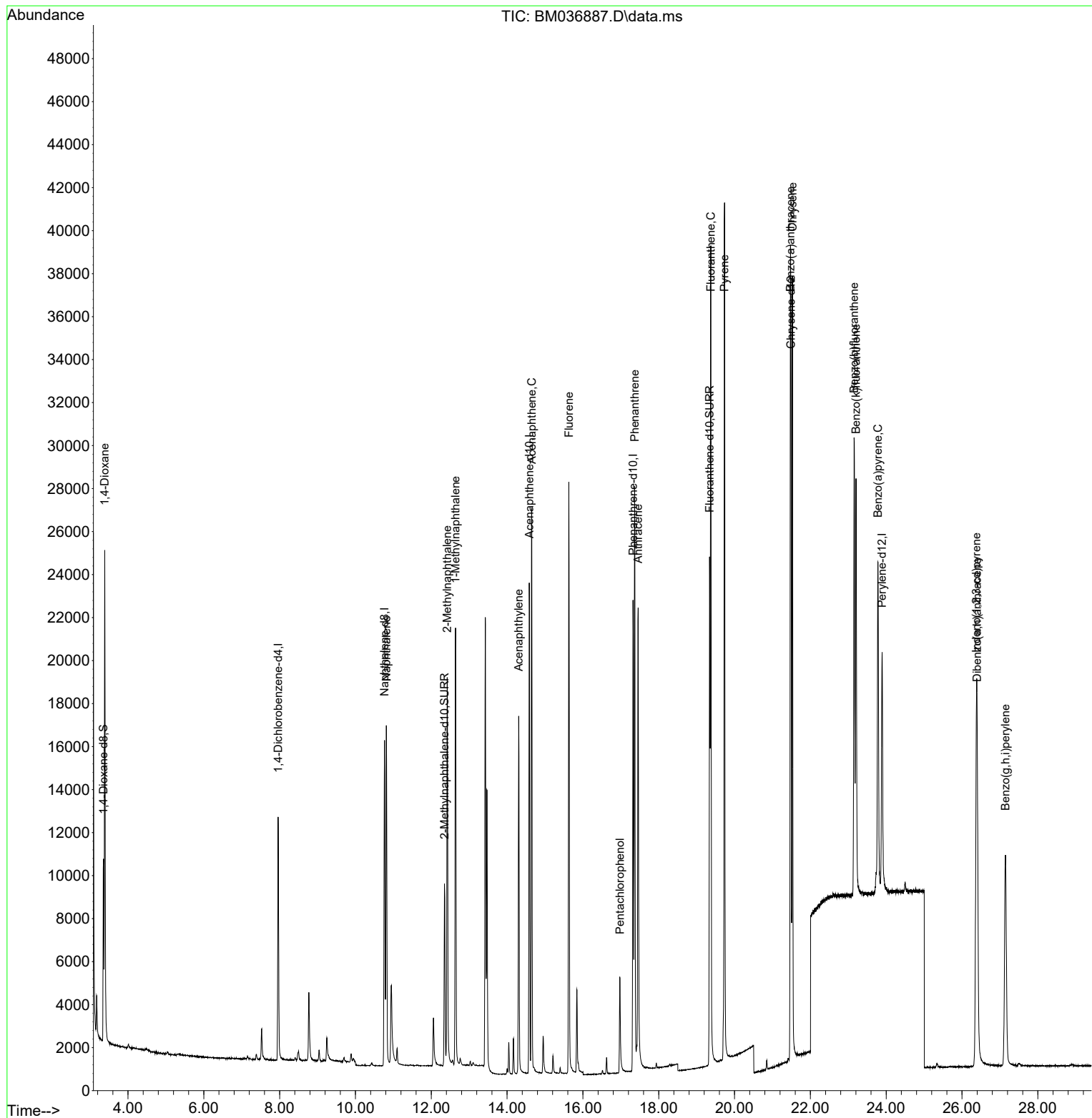
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	6155	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	21126	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.584	164	12370	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	26325	0.400	ng/ul	0.00
17) Chrysene-d12	21.488	240	21633	0.400	ng/ul	0.00
23) Perylene-d12	23.891	264	16101	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5551	0.640	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	12083	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	26088	0.403	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.386	88	15300	1.803	ng/ul#	76
5) Naphthalene	10.814	128	21955	0.364	ng/ul	96
7) 2-Methylnaphthalene	12.420	142	13984	0.379	ng/ul	91
8) 1-Methylnaphthalene	12.640	142	14637	0.390	ng/ul	99
10) Acenaphthylene	14.307	152	19270	0.375	ng/ul	98
11) Acenaphthene	14.649	153	15604	0.350	ng/ul	98
12) Fluorene	15.630	166	17918	0.354	ng/ul	100
14) Pentachlorophenol	16.976	266	3662	0.575	ng/ul	98
15) Phenanthrene	17.364	178	30045	0.358	ng/ul	99
16) Anthracene	17.457	178	25558	0.364	ng/ul	99
19) Fluoranthene	19.373	202	33985	0.395	ng/ul	98
20) Pyrene	19.735	202	34459	0.384	ng/ul	97
21) Benzo(a)anthracene	21.474	228	29177	0.373	ng/ul	99
22) Chrysene	21.526	228	31736	0.378	ng/ul	99
24) Benzo(b)fluoranthene	23.154	252	28163	0.392	ng/ul	96
25) Benzo(k)fluoranthene	23.204	252	26211	0.374	ng/ul	94
26) Benzo(a)pyrene	23.783	252	24802	0.425	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.380	276	25663	0.310	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.400	278	20968	0.314	ng/ul	92
29) Benzo(g,h,i)perylene	27.144	276	22588	0.310	ng/ul	99

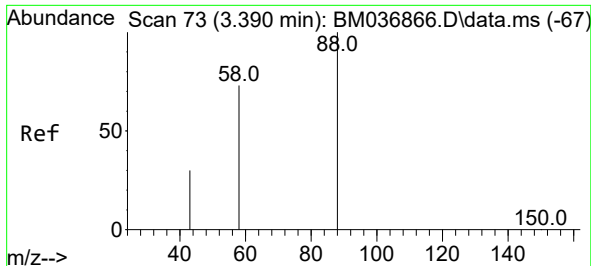
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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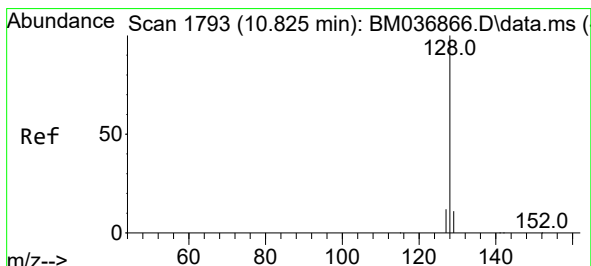
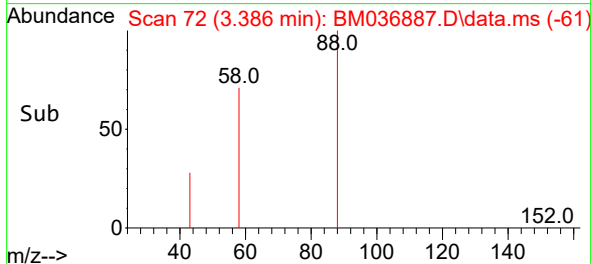
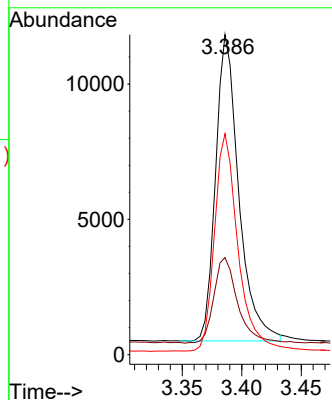
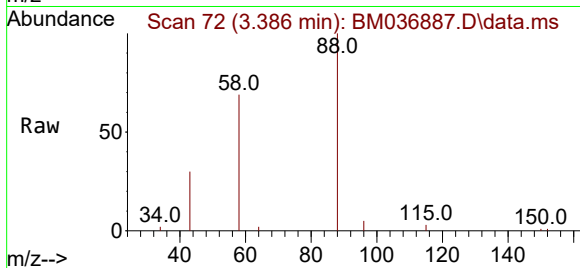




#2
1,4-Dioxane
Concen: 1.803 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

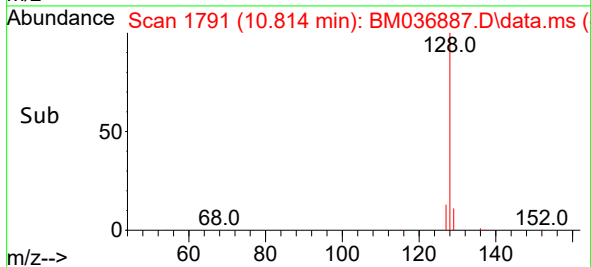
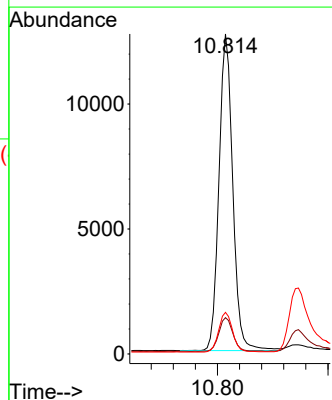
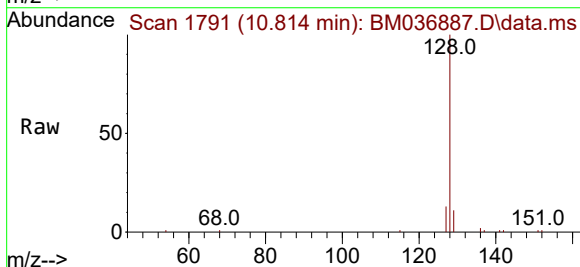
Instrument :
BNA_M
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SLCS001

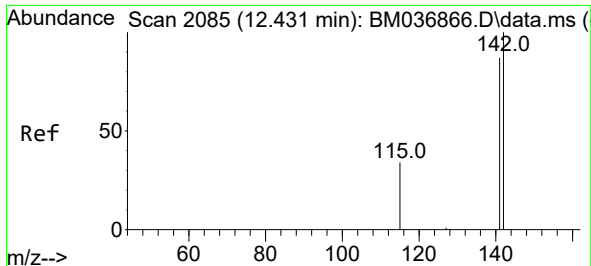
Tgt Ion: 88 Resp: 15300
Ion Ratio Lower Upper
88 100
43 30.4 37.8 56.6#
58 69.1 42.6 63.8#



#5
Naphthalene
Concen: 0.364 ng/ul
RT: 10.814 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

Tgt Ion: 128 Resp: 21955
Ion Ratio Lower Upper
128 100
129 11.3 10.2 15.2
127 13.0 11.7 17.5

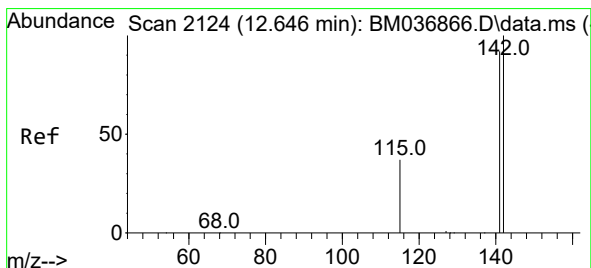
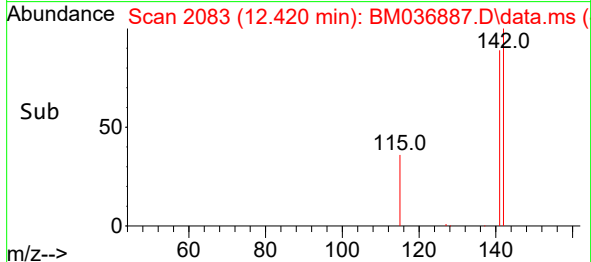
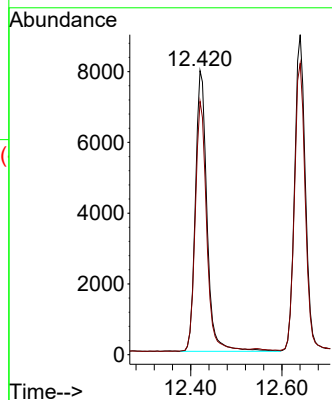
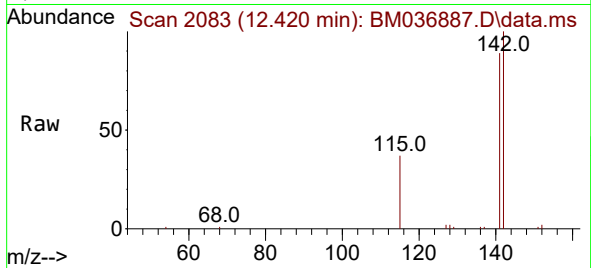




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.420 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

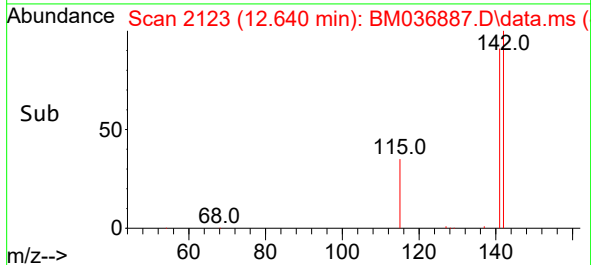
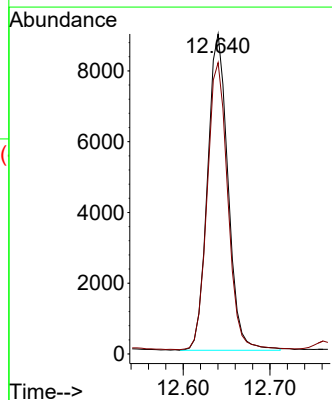
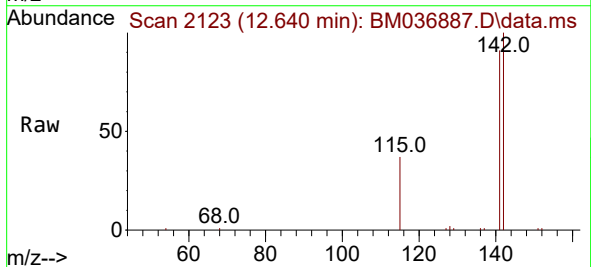
Instrument :
BNA_M
ClientSampleId :
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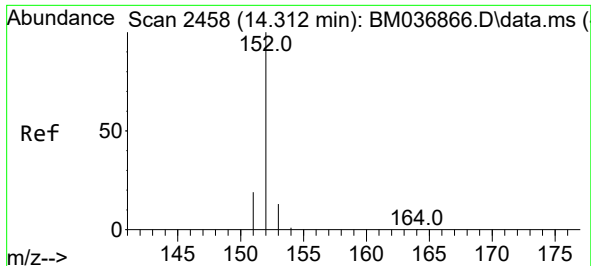
Tgt Ion:142 Resp: 13984
Ion Ratio Lower Upper
142 100
141 88.2 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.640 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

Tgt Ion:142 Resp: 14637
Ion Ratio Lower Upper
142 100
141 91.2 74.1 111.1

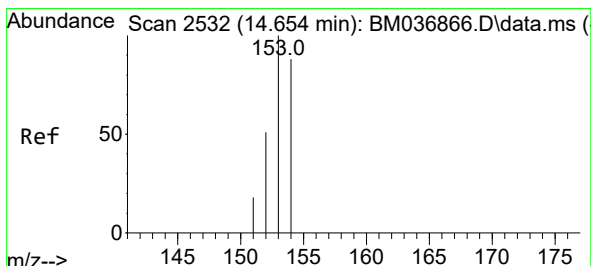
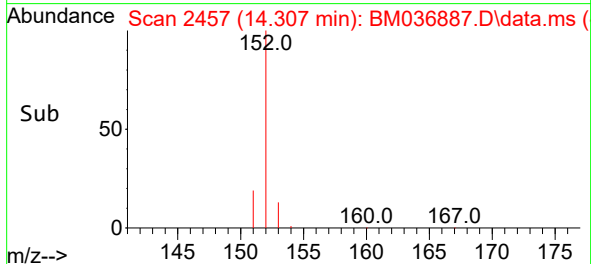
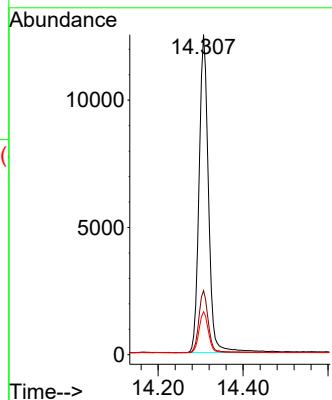
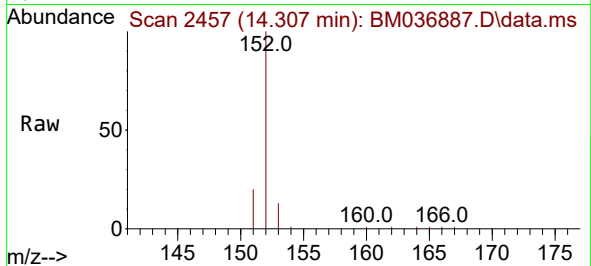




#10
Acenaphthylene
Concen: 0.375 ng/ul
RT: 14.307 min Scan# 2458
Delta R.T. -0.001 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

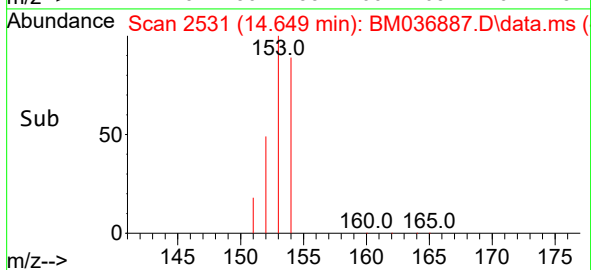
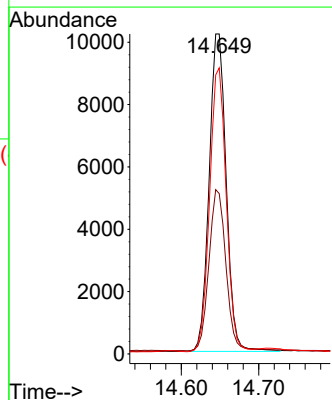
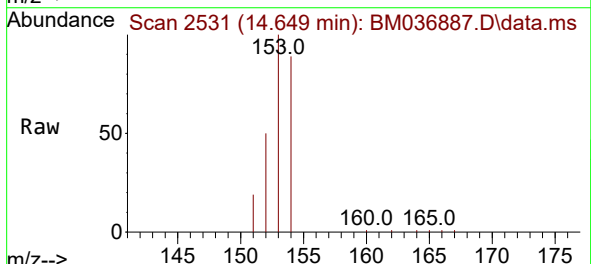
Instrument :
BNA_M
ClientSampleId :
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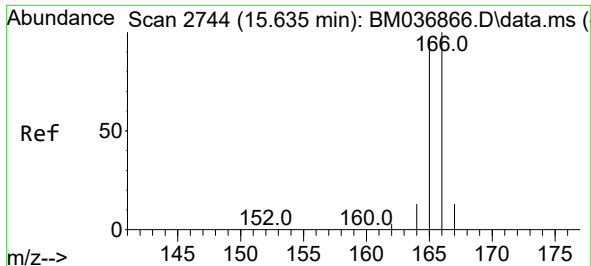
Tgt Ion:152 Resp: 19270
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 13.4 11.4 17.0



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.649 min Scan# 2531
Delta R.T. 0.004 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

Tgt Ion:153 Resp: 15604
Ion Ratio Lower Upper
153 100
152 50.1 40.2 60.4
154 89.4 69.7 104.5

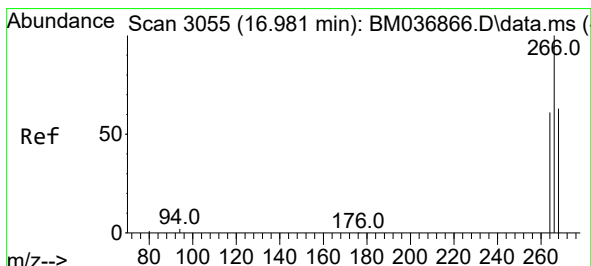
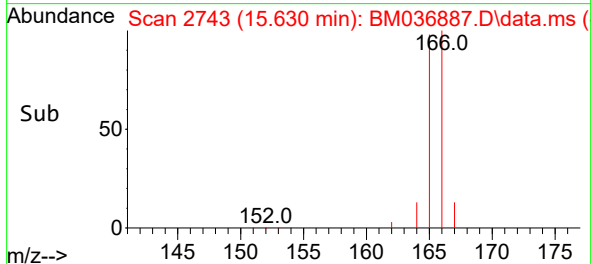
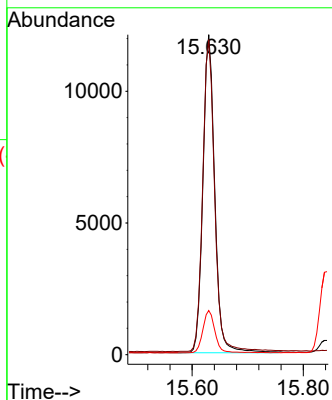
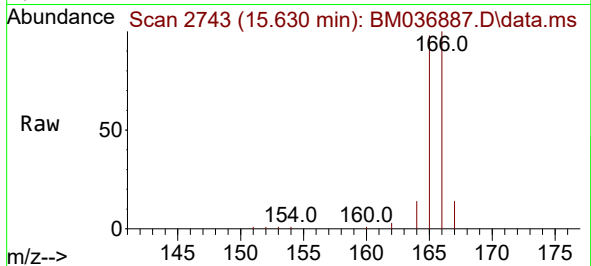




#12
Fluorene
Concen: 0.354 ng/ul
RT: 15.630 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

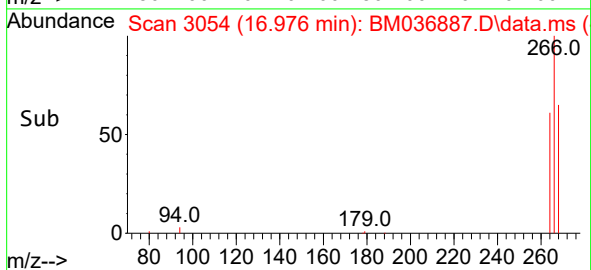
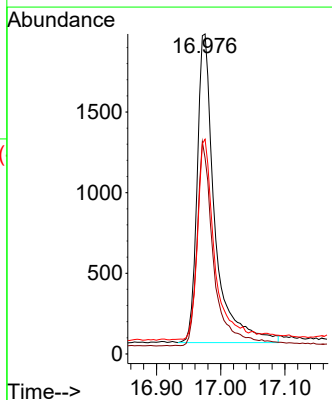
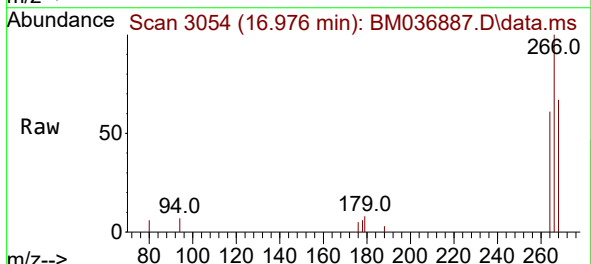
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ClientSampleId :
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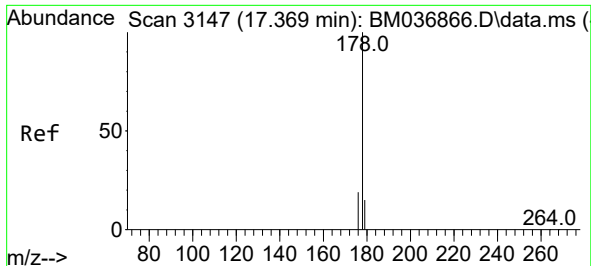
Tgt Ion:166 Resp: 17918
Ion Ratio Lower Upper
166 100
165 98.4 78.9 118.3
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.575 ng/ul
RT: 16.976 min Scan# 3054
Delta R.T. -0.001 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

Tgt Ion:266 Resp: 3662
Ion Ratio Lower Upper
266 100
264 62.5 50.3 75.5
268 64.7 53.5 80.3

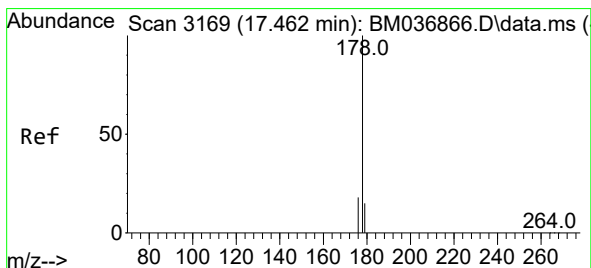
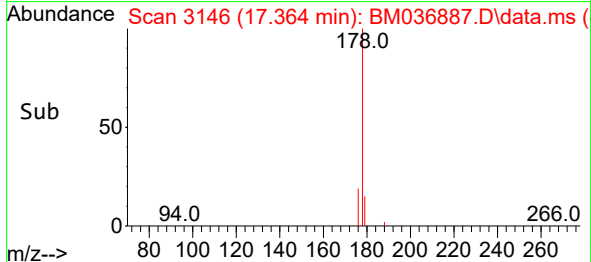
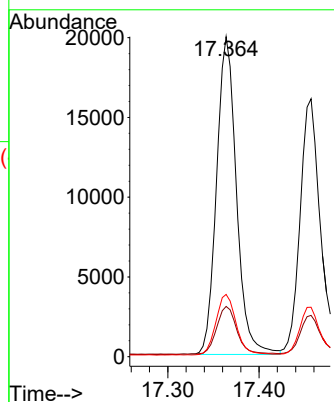
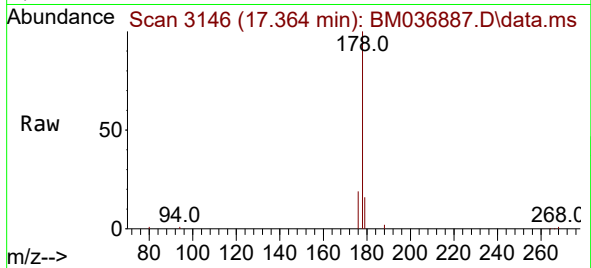




#15
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.364 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

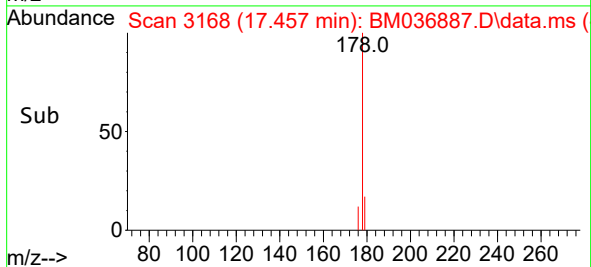
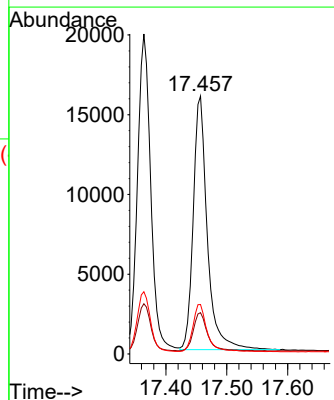
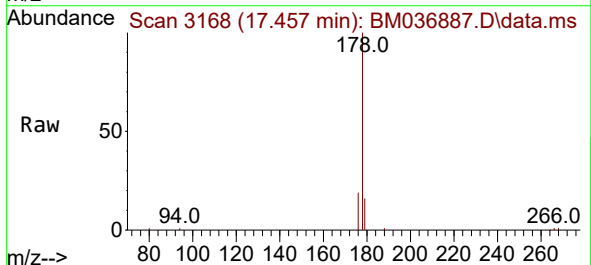
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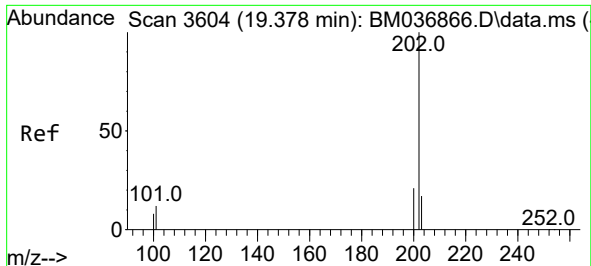
Tgt Ion:178 Resp: 30045
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.457 min Scan# 3168
Delta R.T. 0.003 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

Tgt Ion:178 Resp: 25558
Ion Ratio Lower Upper
178 100
179 16.0 13.6 20.4
176 19.2 15.6 23.4

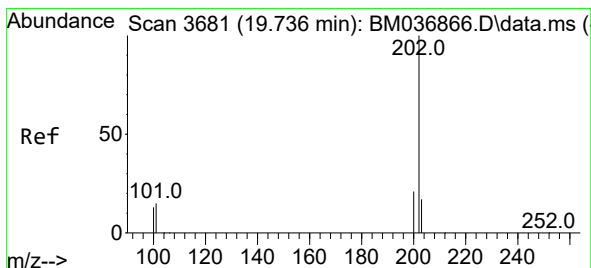
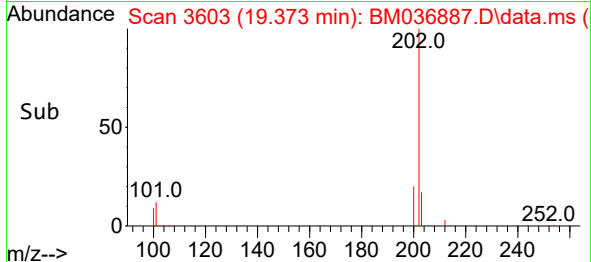
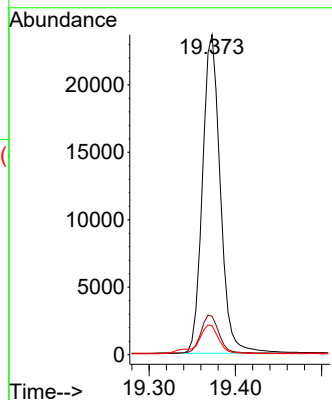
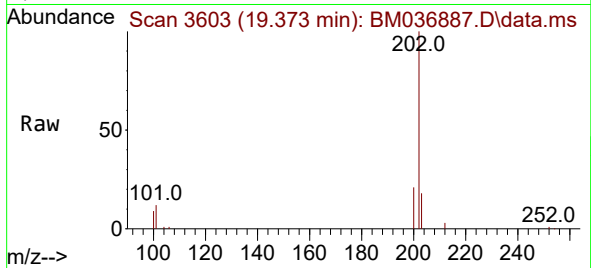




#19
Fluoranthene
Concen: 0.395 ng/ul
RT: 19.373 min Scan# 3603
Delta R.T. -0.001 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

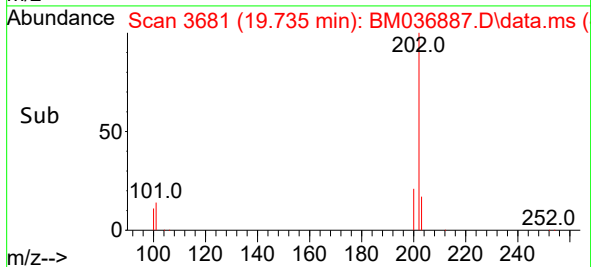
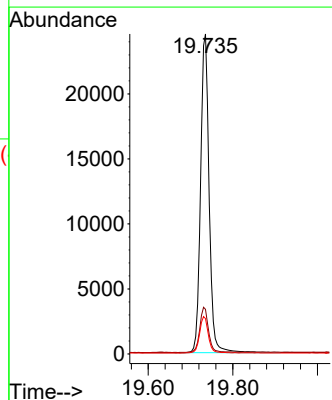
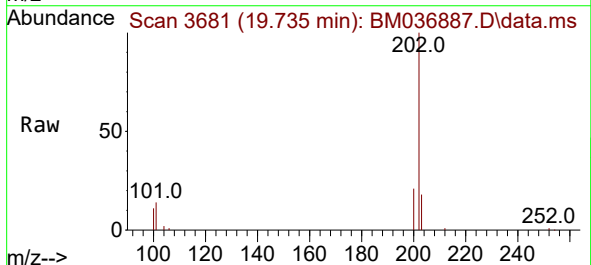
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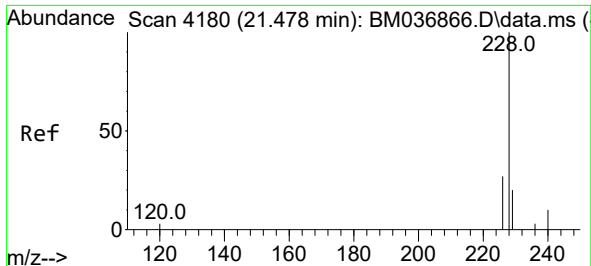
Tgt Ion:202 Resp: 33985
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 9.1 7.9 11.9



#20
Pyrene
Concen: 0.384 ng/ul
RT: 19.735 min Scan# 3681
Delta R.T. 0.004 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

Tgt Ion:202 Resp: 34459
Ion Ratio Lower Upper
202 100
101 13.9 12.0 18.0
100 11.0 9.8 14.6

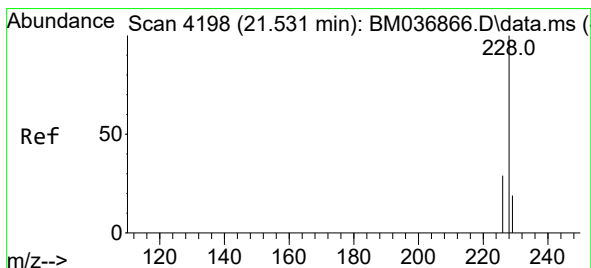
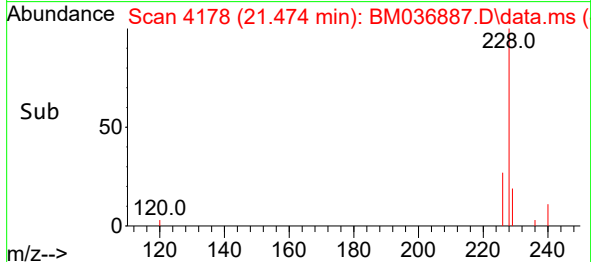
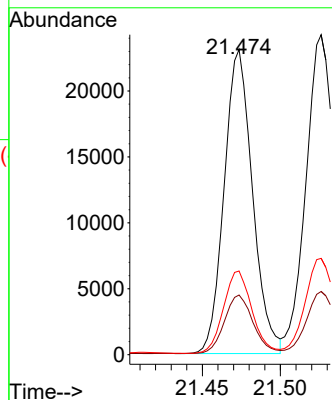
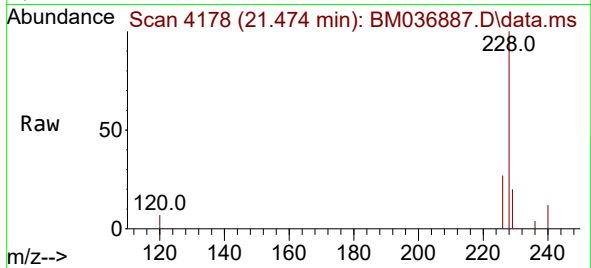




#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.474 min Scan# 4180
Delta R.T. 0.001 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

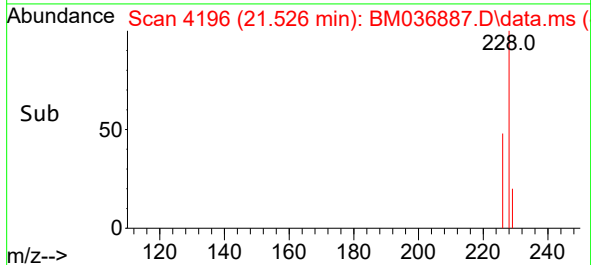
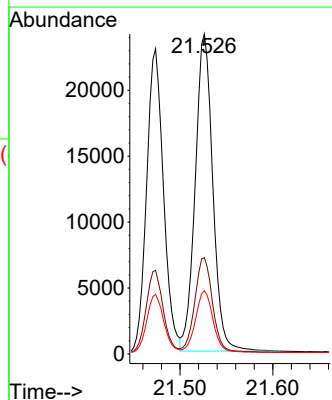
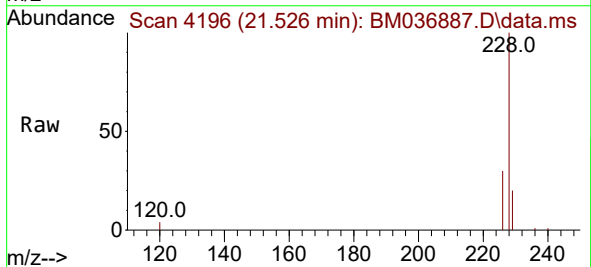
Instrument :
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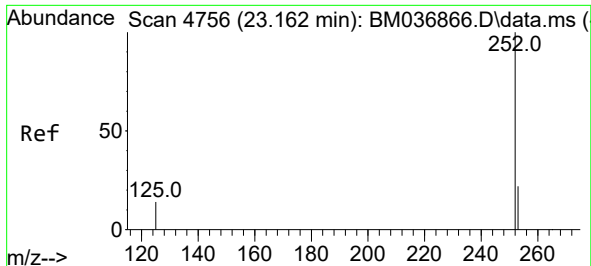
Tgt Ion:228	Resp:	29177
Ion Ratio	Lower	Upper
228	100	
229	19.5	16.2 24.2
226	27.4	22.5 33.7



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.526 min Scan# 4196
Delta R.T. 0.001 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

Tgt Ion:228	Resp:	31736
Ion Ratio	Lower	Upper
228	100	
226	30.1	24.6 37.0
229	19.8	16.4 24.6

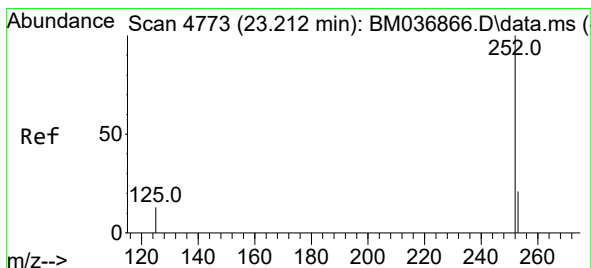
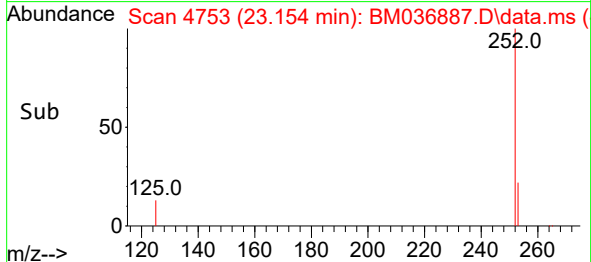
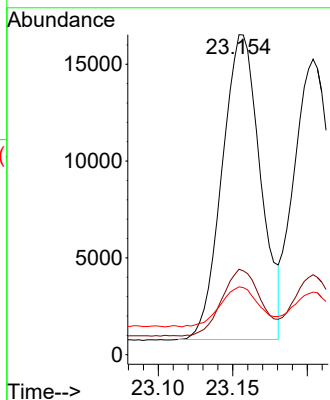
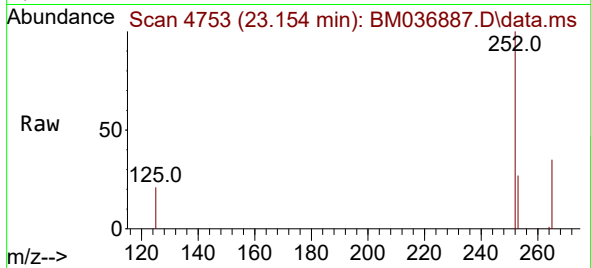




#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. -0.002 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

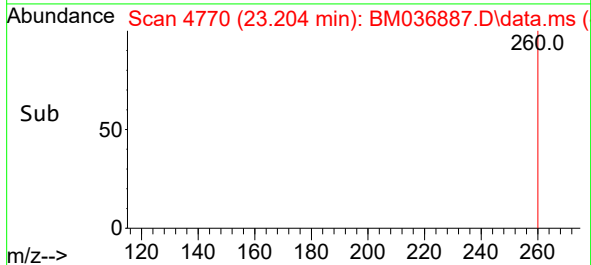
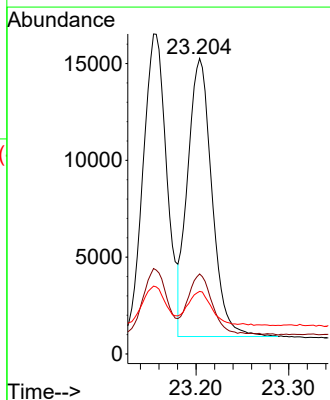
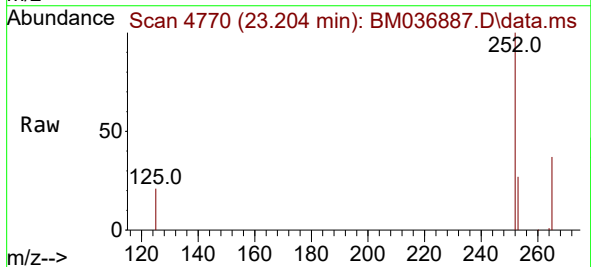
Instrument :
BNA_M
ClientSampleId :
SLCS001

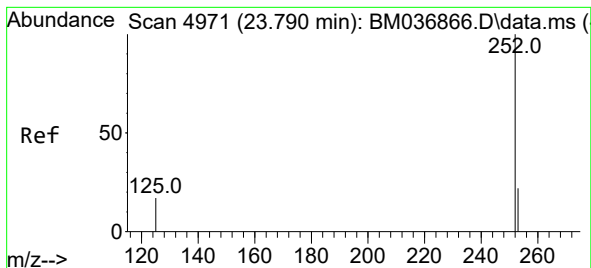
Tgt Ion:252 Resp: 28163
Ion Ratio Lower Upper
252 100
253 26.7 0.0 61.4
125 21.2 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.374 ng/ul
RT: 23.204 min Scan# 4770
Delta R.T. 0.001 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

Tgt Ion:252 Resp: 26211
Ion Ratio Lower Upper
252 100
253 27.1 25.2 37.8
125 21.2 18.3 27.5





#26

Benzo(a)pyrene

Concen: 0.425 ng/ul

RT: 23.783 min Scan# 4971

Delta R.T. 0.001 min

Lab File: BM036887.D

Acq: 08 Oct 2022 09:43

Instrument :

BNA_M

ClientSampleId :

SLCS001

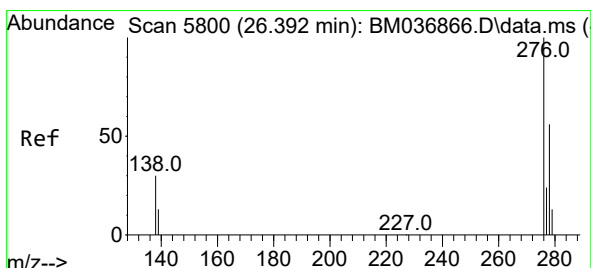
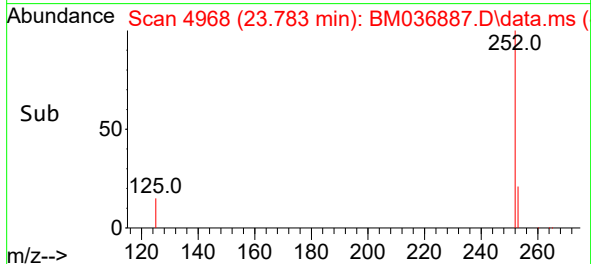
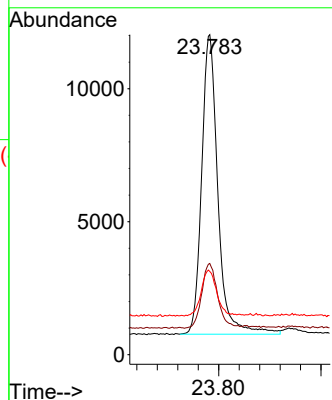
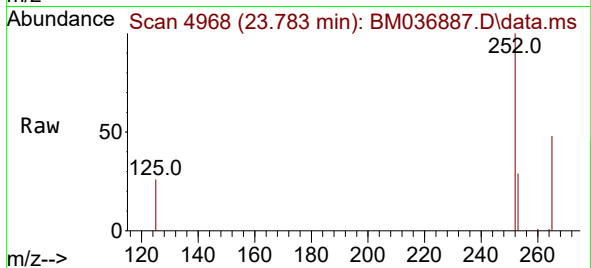
Tgt Ion:252 Resp: 24802

Ion Ratio Lower Upper

252 100

253 28.5 29.7 44.5#

125 26.0 23.6 35.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.310 ng/ul

RT: 26.380 min Scan# 5796

Delta R.T. -0.003 min

Lab File: BM036887.D

Acq: 08 Oct 2022 09:43

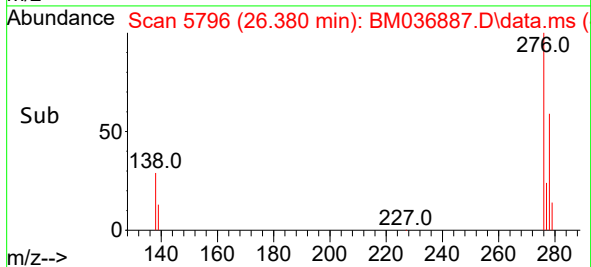
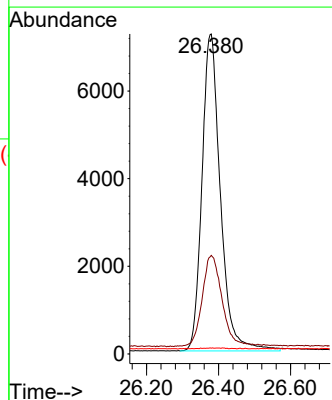
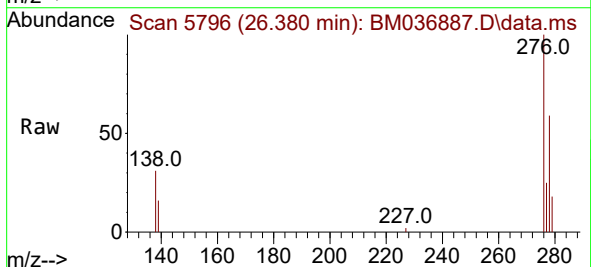
Tgt Ion:276 Resp: 25663

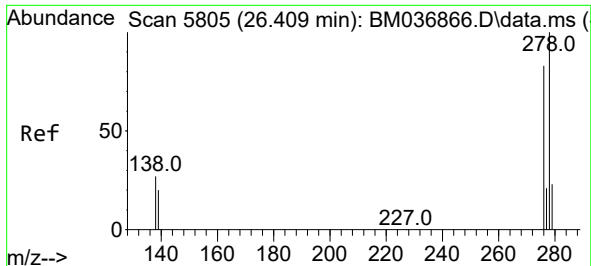
Ion Ratio Lower Upper

276 100

138 30.3 23.9 35.9

227 0.0 0.1 0.1#

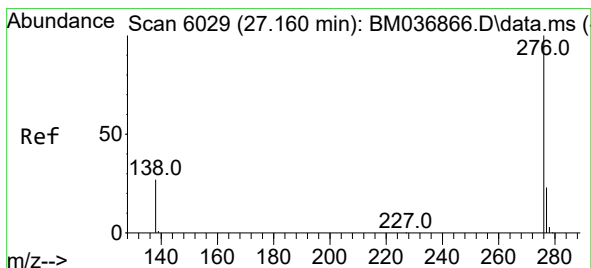
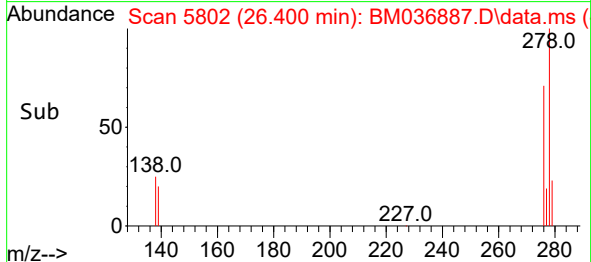
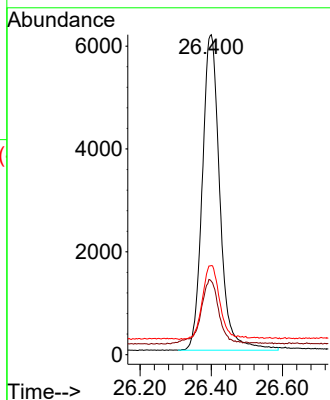
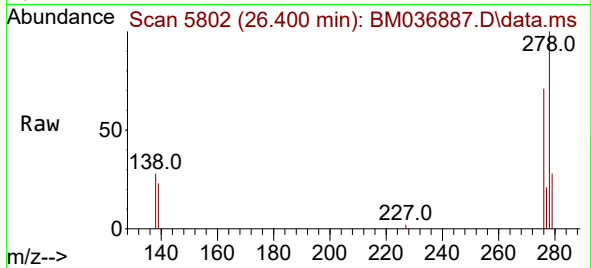




#28
Dibenzo(a,h)anthracene
Concen: 0.314 ng/ul
RT: 26.400 min Scan# 5805
Delta R.T. 0.001 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

Instrument :
BNA_M
ClientSampleId :
SLCS001

Tgt Ion:278 Resp: 20968
Ion Ratio Lower Upper
278 100
139 22.9 19.8 29.6
279 27.8 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.310 ng/ul
RT: 27.144 min Scan# 6024
Delta R.T. -0.003 min
Lab File: BM036887.D
Acq: 08 Oct 2022 09:43

Tgt Ion:276 Resp: 22588
Ion Ratio Lower Upper
276 100
138 29.1 23.4 35.0
277 25.0 21.0 31.4

