

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042966.D
 Acq On : 22 Nov 2023 23:34
 Operator : MA/JU
 Sample : PB157008BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS008

Quant Time: Nov 23 00:12:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 22 10:35:26 2023
 Response via : Initial Calibration

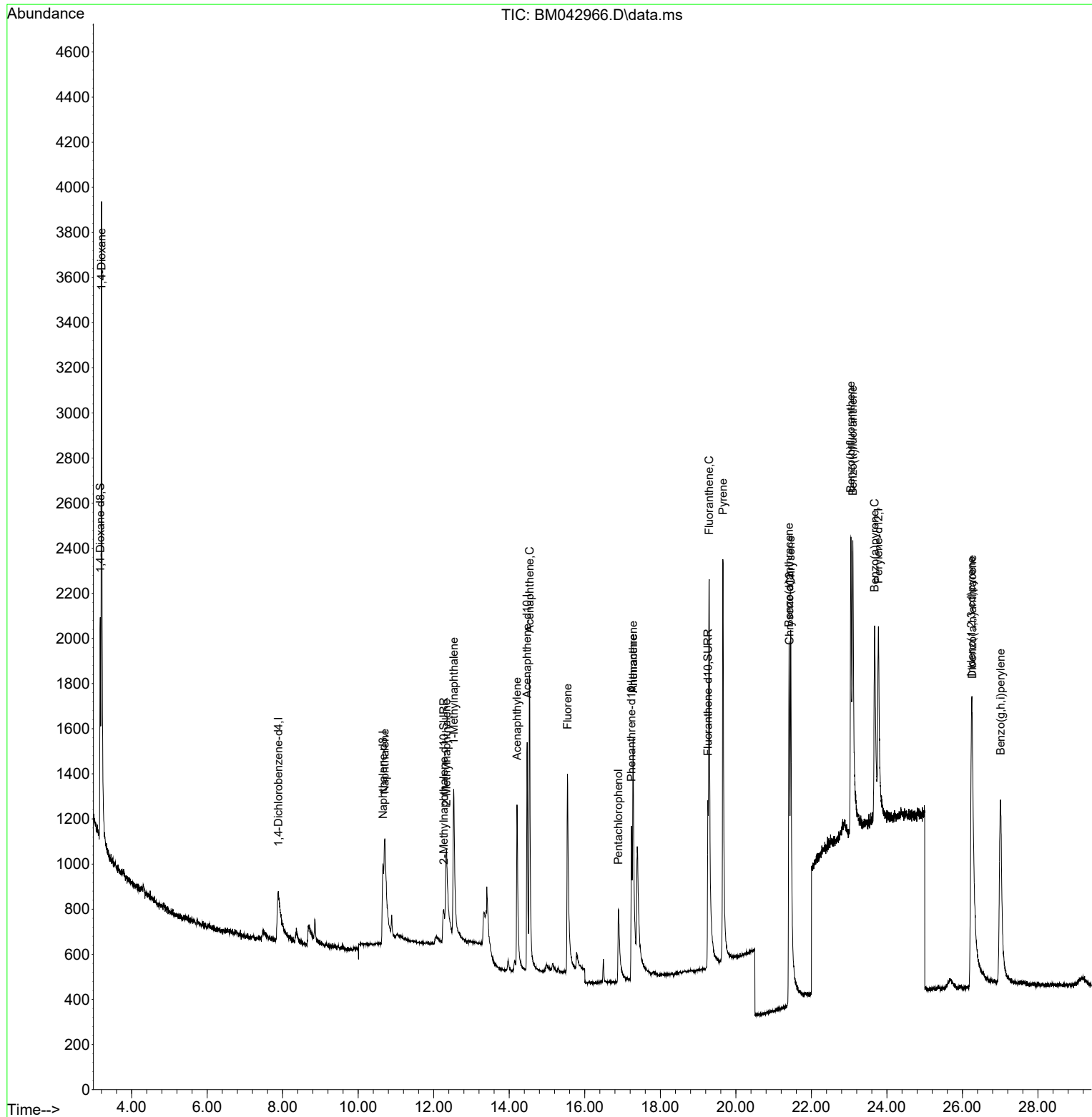
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.885	152	460	0.400	ng/ul	0.05
4) Naphthalene-d8	10.655	136	1252	0.400	ng/ul #	0.02
9) Acenaphthene-d10	14.473	164	702	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.237	188	1505	0.400	ng/ul #	0.00
17) Chrysene-d12	21.421	240	1098	0.400	ng/ul	0.00
23) Perylene-d12	23.774	264	1616	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	623	0.862	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.266	152	534	0.338	ng/ul	0.03
18) Fluoranthene-d10	19.261	212	1247	0.348	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	1817	2.260	ng/ul#	54
5) Naphthalene	10.704	128	1276	0.324	ng/ul#	84
7) 2-Methylnaphthalene	12.337	142	738	0.320	ng/ul	97
8) 1-Methylnaphthalene	12.530	142	786	0.324	ng/ul	99
10) Acenaphthylene	14.205	152	1432	0.307	ng/ul#	92
11) Acenaphthene	14.538	153	1068	0.327	ng/ul	98
12) Fluorene	15.542	166	1104	0.314	ng/ul#	98
14) Pentachlorophenol	16.891	266	526	0.629	ng/ul	94
15) Phenanthrene	17.279	178	1683	0.318	ng/ul	95
16) Anthracene	17.279	178	1661	0.303	ng/ul	98
19) Fluoranthene	19.294	202	2290	0.330	ng/ul	96
20) Pyrene	19.656	202	2493	0.334	ng/ul	96
21) Benzo(a)anthracene	21.406	228	1570	0.305	ng/ul	97
22) Chrysene	21.453	228	2422	0.364	ng/ul	99
24) Benzo(b)fluoranthene	23.046	252	2123	0.327	ng/ul	98
25) Benzo(k)fluoranthene	23.098	252	2809	0.347	ng/ul	98
26) Benzo(a)pyrene	23.674	252	2183	0.327	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.235	276	2991	0.335	ng/ul	95
28) Dibenzo(a,h)anthracene	26.262	278	2191	0.329	ng/ul	98
29) Benzo(g,h,i)perylene	27.013	276	2720	0.358	ng/ul	96

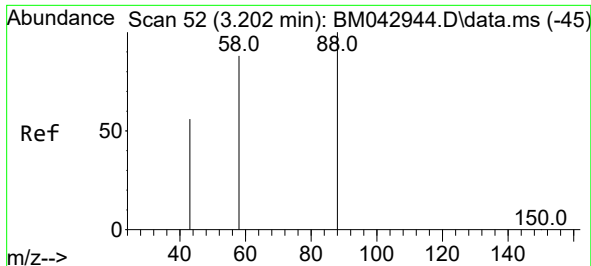
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 00:12:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 22 10:35:26 2023
Response via : Initial Calibration

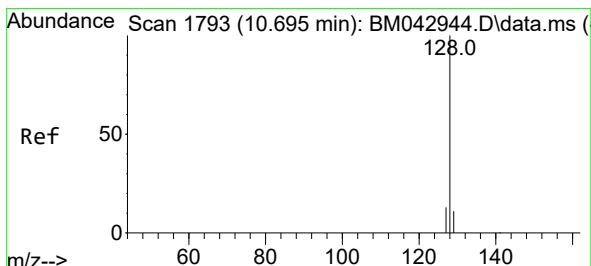
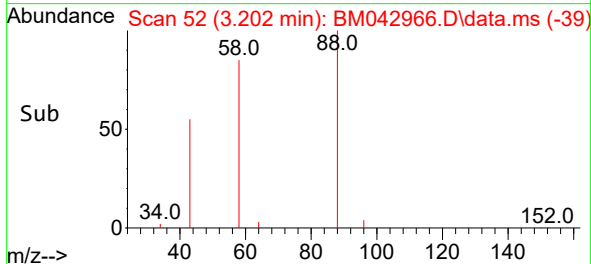
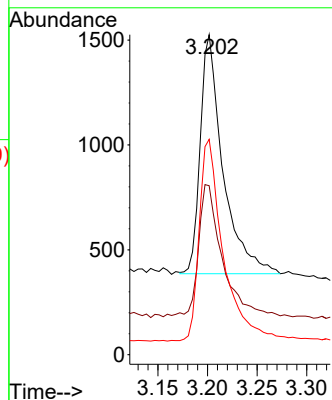
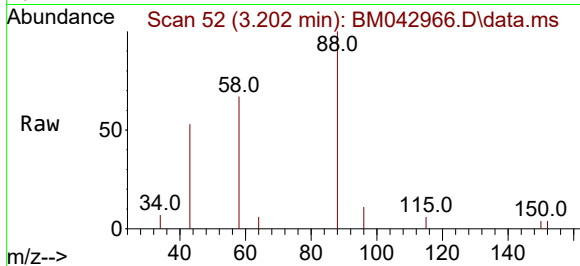




#2
1,4-Dioxane
Concen: 2.260 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

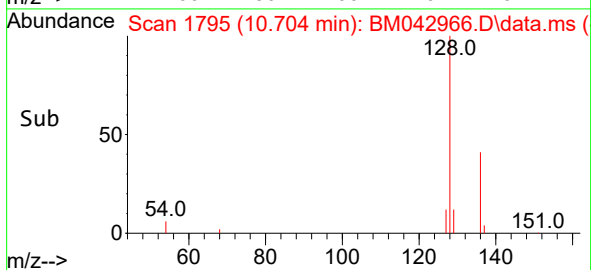
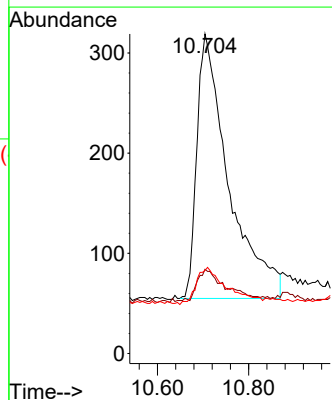
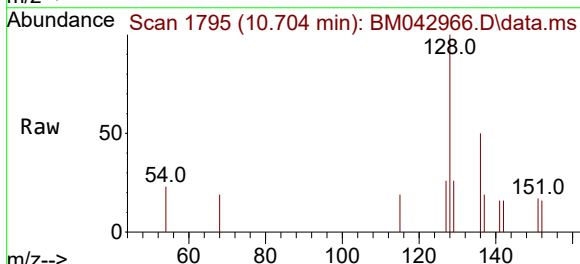
Instrument :
BNA_M
ClientSampleId :
SLCS008

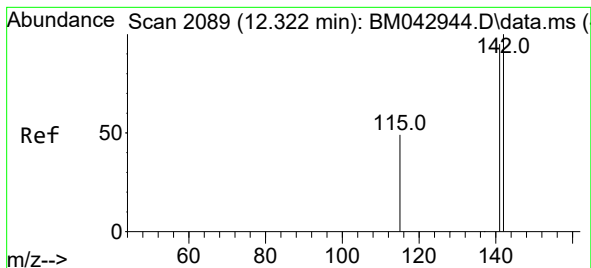
Tgt Ion: 88 Resp: 1817
Ion Ratio Lower Upper
88 100
43 52.8 30.5 45.7#
58 67.3 21.8 32.6#



#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.704 min Scan# 1795
Delta R.T. 0.022 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

Tgt Ion: 128 Resp: 1276
Ion Ratio Lower Upper
128 100
129 26.3 14.2 21.4#
127 26.0 15.8 23.6#

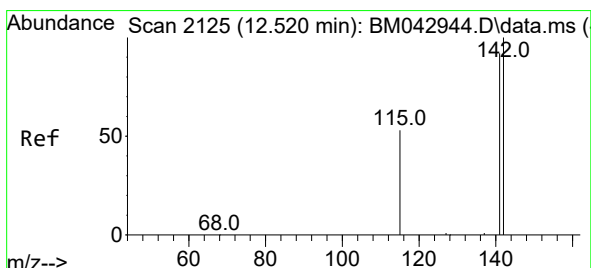
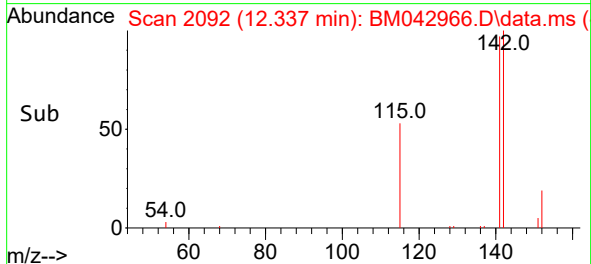
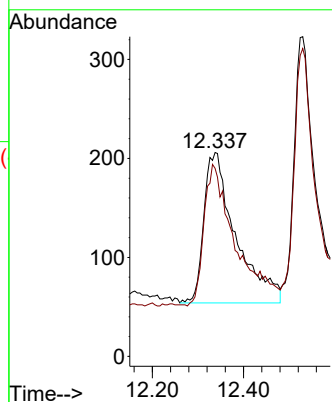
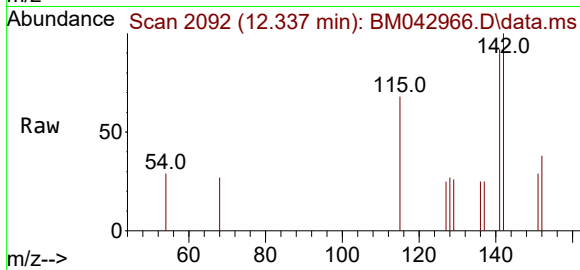




#7
2-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.337 min Scan# 2089
Delta R.T. 0.027 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

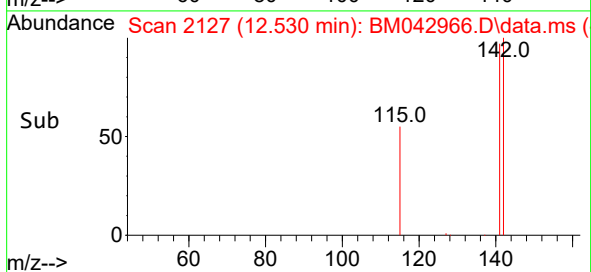
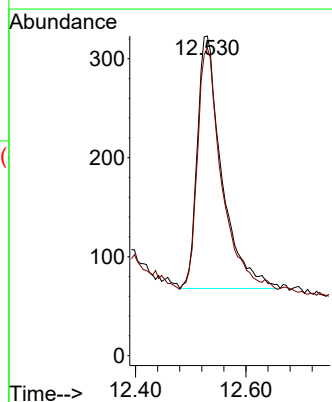
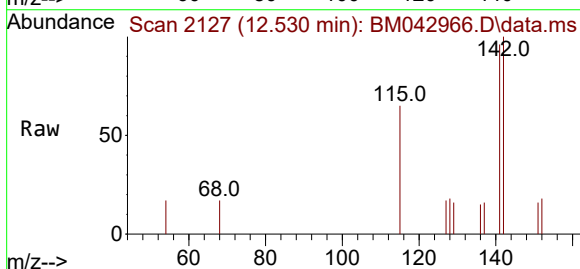
Instrument :
BNA_M
ClientSampleId :
SLCS008

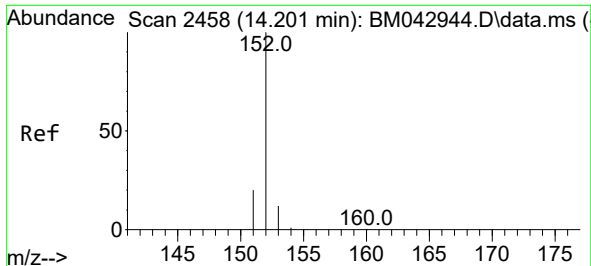
Tgt Ion:142 Resp: 738
Ion Ratio Lower Upper
142 100
141 94.0 77.2 115.8



#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.530 min Scan# 2127
Delta R.T. 0.011 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

Tgt Ion:142 Resp: 786
Ion Ratio Lower Upper
142 100
141 94.4 74.6 112.0

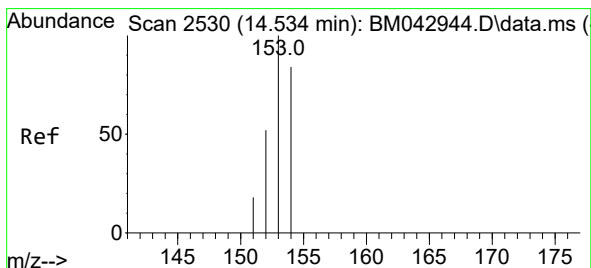
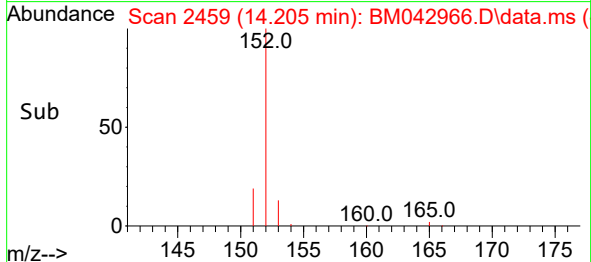
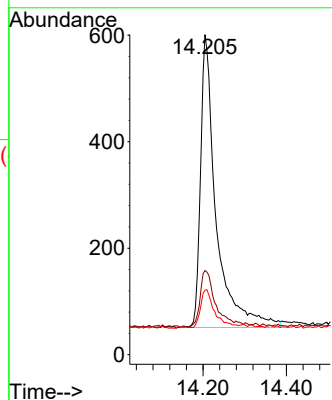
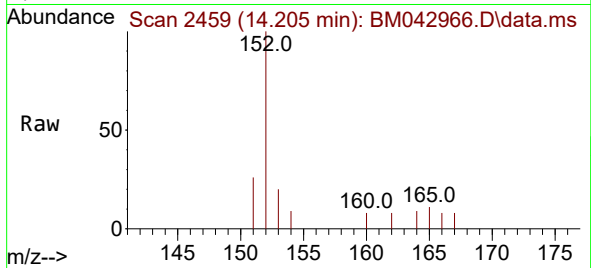




#10
Acenaphthylene
Concen: 0.307 ng/ul
RT: 14.205 min Scan# 2458
Delta R.T. 0.005 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

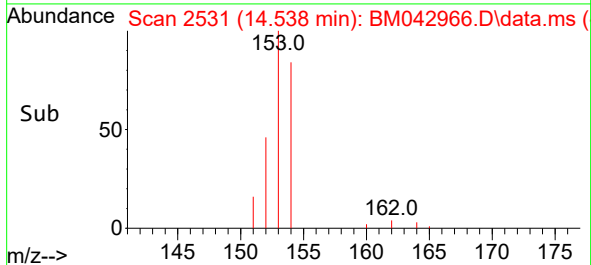
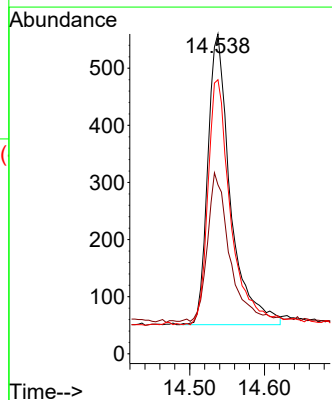
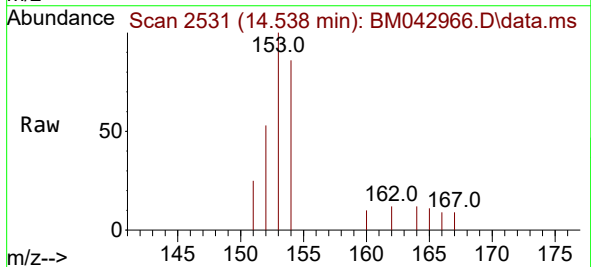
Instrument :
BNA_M
ClientSampleId :
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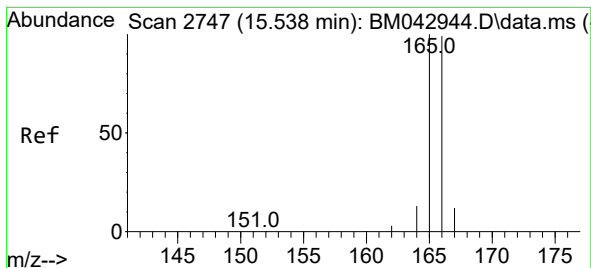
Tgt Ion:152 Resp: 1432
Ion Ratio Lower Upper
152 100
151 26.3 18.5 27.7
153 20.1 12.9 19.3#



#11
Acenaphthene
Concen: 0.327 ng/ul
RT: 14.538 min Scan# 2531
Delta R.T. 0.005 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

Tgt Ion:153 Resp: 1068
Ion Ratio Lower Upper
153 100
152 52.9 43.3 64.9
154 85.7 70.6 105.8





#12

Fluorene

Concen: 0.314 ng/ul

RT: 15.542 min Scan# 21

Delta R.T. 0.014 min

Lab File: BM042966.D

Acq: 22 Nov 2023 23:34

Instrument :

BNA_M

ClientSampleId :

SLCS008

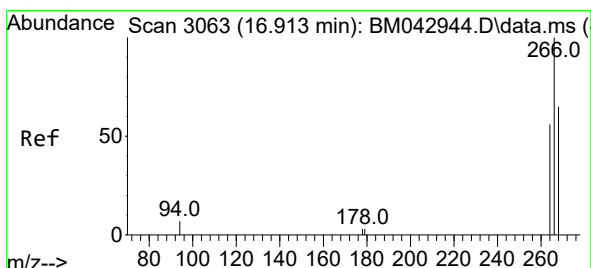
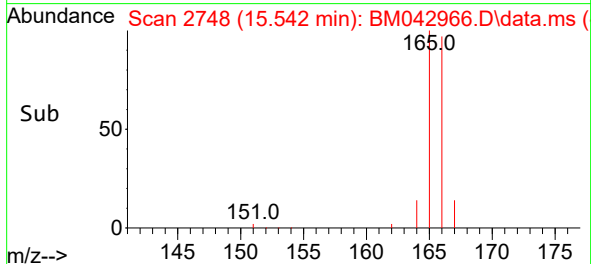
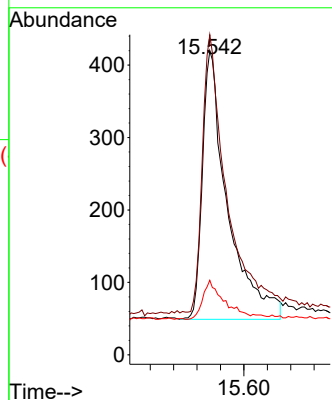
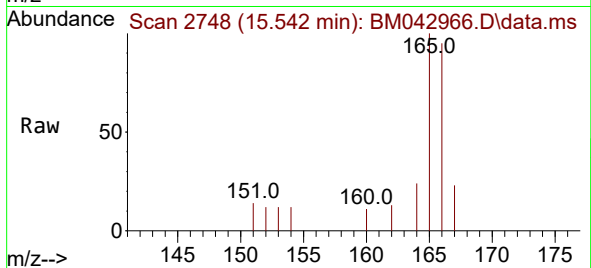
Tgt Ion:166 Resp: 1104

Ion Ratio Lower Upper

166 100

165 105.2 84.3 126.5

167 24.5 15.0 22.6#



#14

Pentachlorophenol

Concen: 0.629 ng/ul

RT: 16.891 min Scan# 3058

Delta R.T. -0.000 min

Lab File: BM042966.D

Acq: 22 Nov 2023 23:34

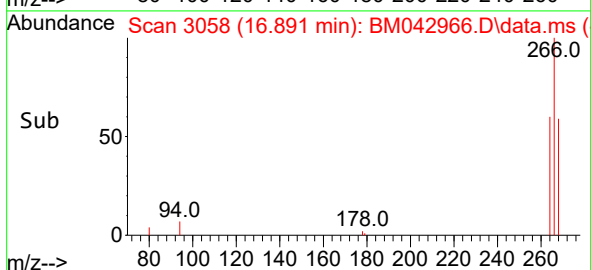
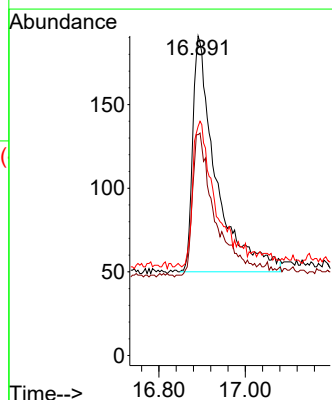
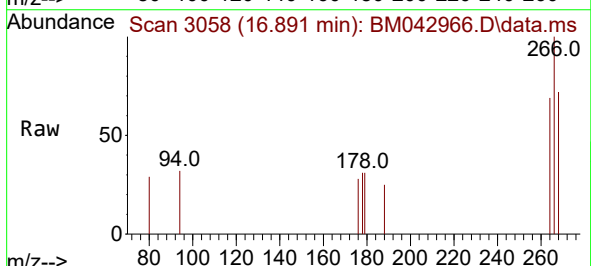
Tgt Ion:266 Resp: 526

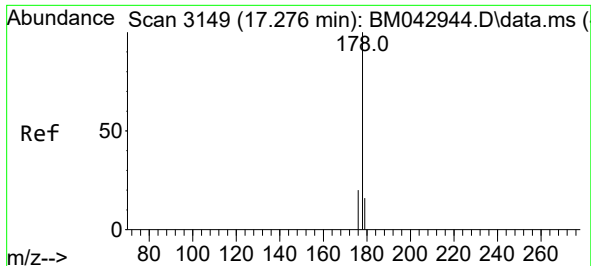
Ion Ratio Lower Upper

266 100

264 61.2 52.2 78.2

268 65.8 48.0 72.0

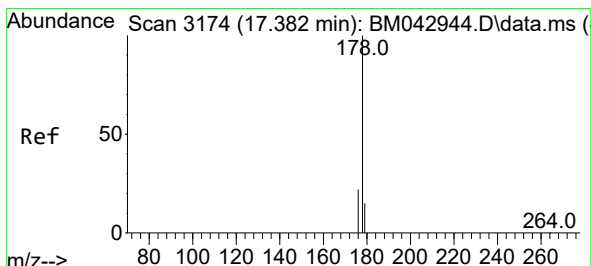
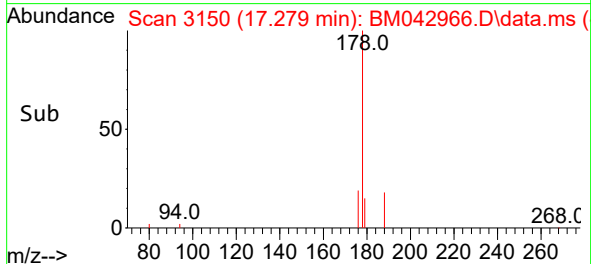
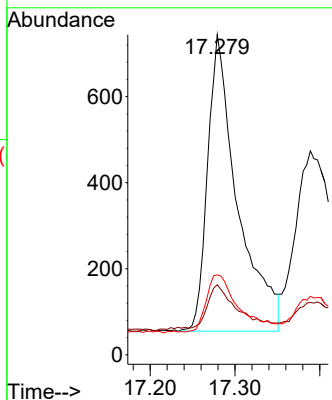
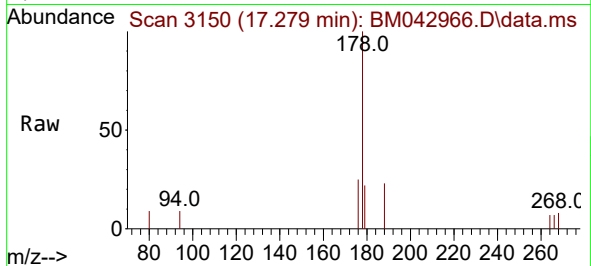




#15
Phenanthrene
Concen: 0.318 ng/ul
RT: 17.279 min Scan# 3149
Delta R.T. 0.008 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

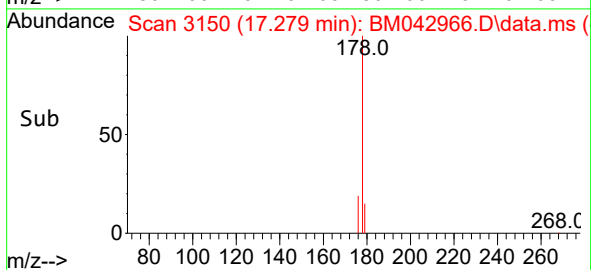
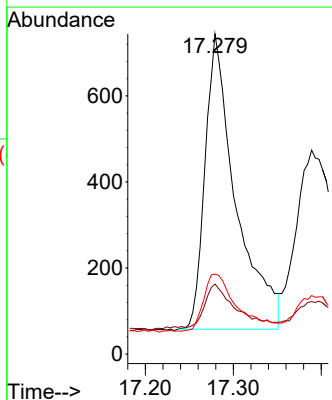
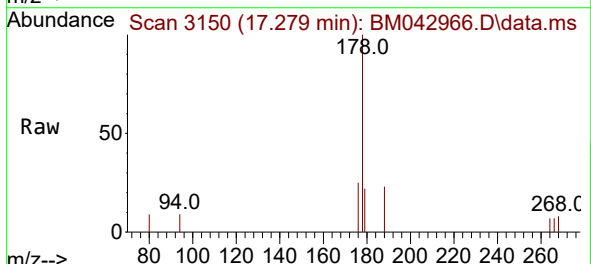
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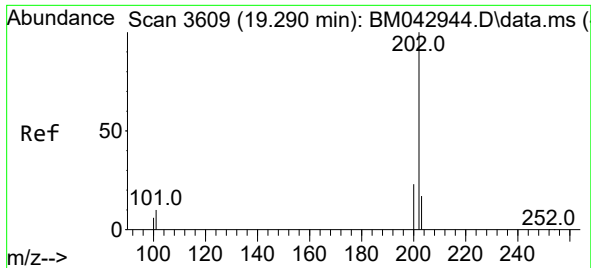
Tgt Ion:178	Resp:	1683
Ion Ratio	Lower	Upper
178	100	
179	21.9	14.9 22.3
176	25.0	18.6 27.8



#16
Anthracene
Concen: 0.303 ng/ul
RT: 17.279 min Scan# 3150
Delta R.T. -0.093 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

Tgt Ion:178	Resp:	1661
Ion Ratio	Lower	Upper
178	100	
179	21.9	16.6 24.8
176	25.0	20.3 30.5

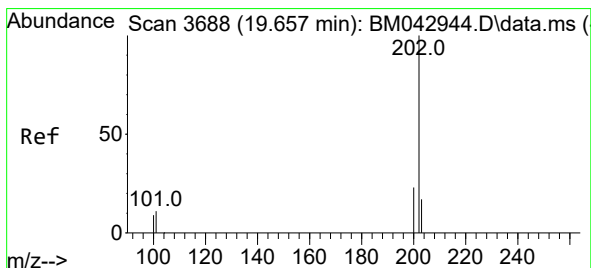
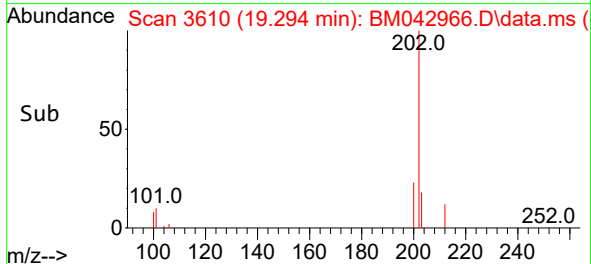
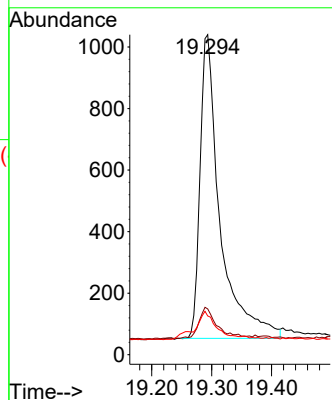
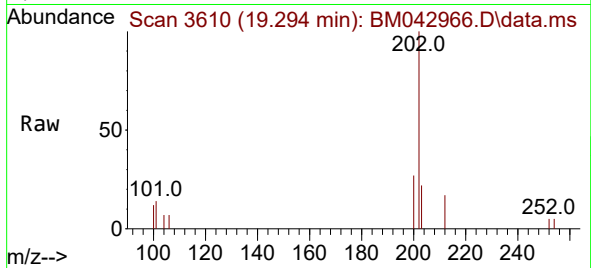




#19
Fluoranthene
Concen: 0.330 ng/u1
RT: 19.294 min Scan# 3610
Delta R.T. 0.009 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

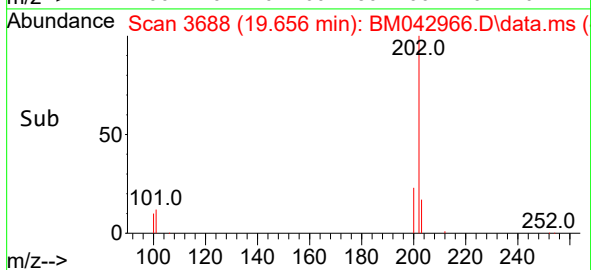
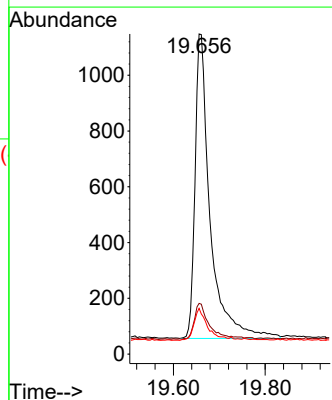
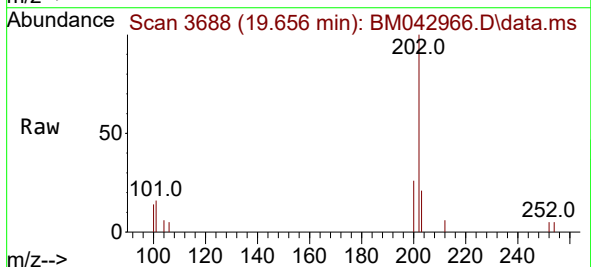
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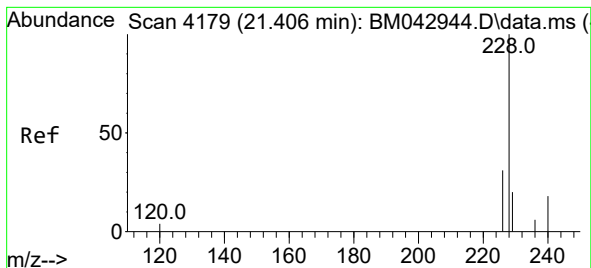
Tgt Ion:202 Resp: 2290
Ion Ratio Lower Upper
202 100
101 14.3 10.2 15.4
100 12.1 8.2 12.2



#20
Pyrene
Concen: 0.334 ng/u1
RT: 19.656 min Scan# 3688
Delta R.T. 0.005 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

Tgt Ion:202 Resp: 2493
Ion Ratio Lower Upper
202 100
101 15.9 11.2 16.8
100 14.3 10.3 15.5





#21

Benzo(a)anthracene

Concen: 0.305 ng/ul

RT: 21.406 min Scan# 4179

Delta R.T. 0.006 min

Lab File: BM042966.D

Acq: 22 Nov 2023 23:34

Instrument :

BNA_M

ClientSampleId :

SLCS008

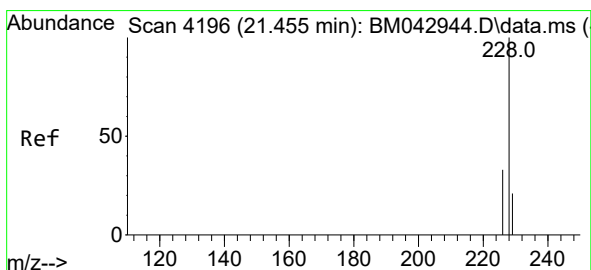
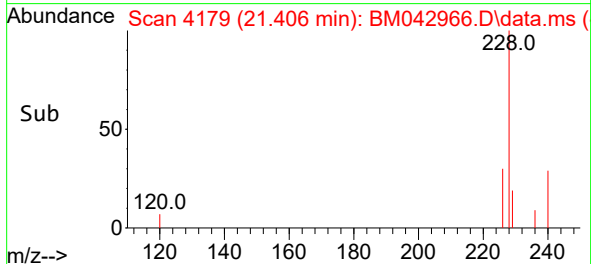
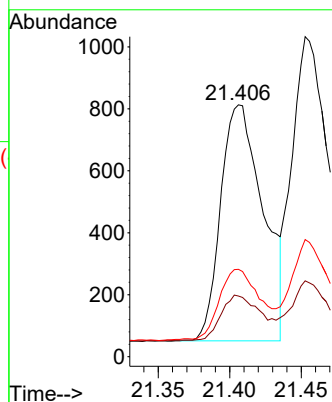
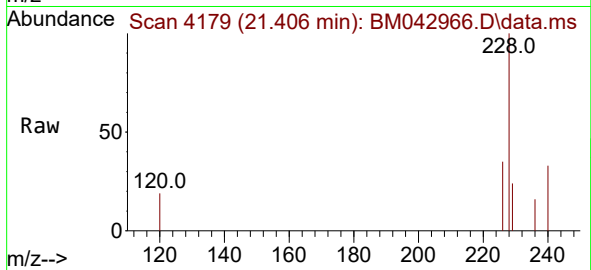
Tgt Ion:228 Resp: 1570

Ion Ratio Lower Upper

228 100

229 24.1 18.6 28.0

226 34.7 26.2 39.2



#22

Chrysene

Concen: 0.364 ng/ul

RT: 21.453 min Scan# 4195

Delta R.T. 0.003 min

Lab File: BM042966.D

Acq: 22 Nov 2023 23:34

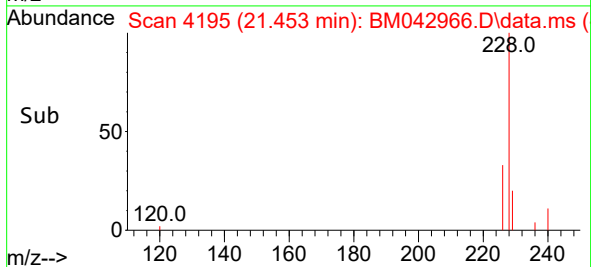
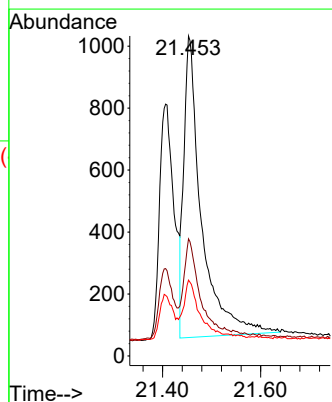
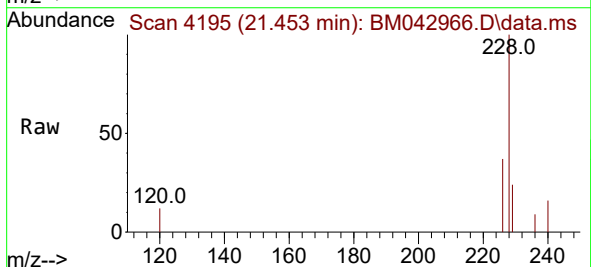
Tgt Ion:228 Resp: 2422

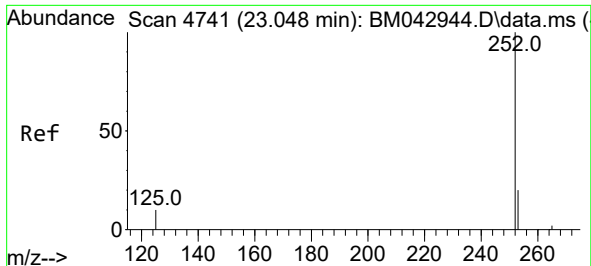
Ion Ratio Lower Upper

228 100

226 36.6 29.2 43.8

229 23.7 19.4 29.2

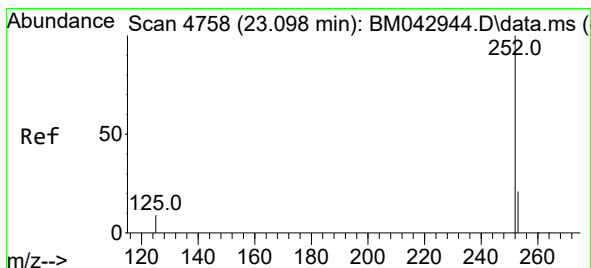
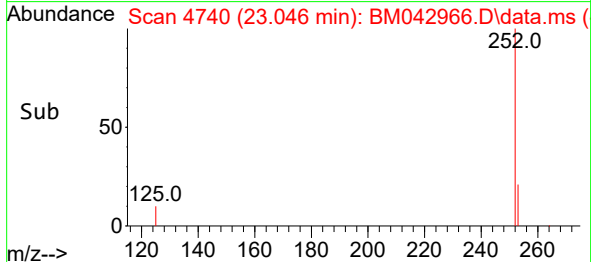
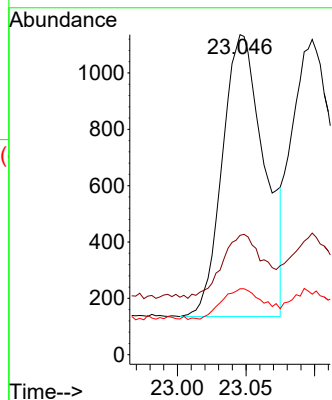
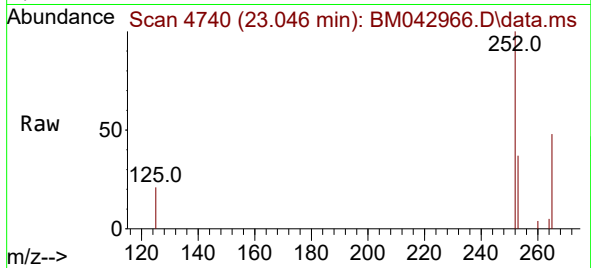




#24
Benzo(b)fluoranthene
Concen: 0.327 ng/ul
RT: 23.046 min Scan# 4740
Delta R.T. 0.003 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

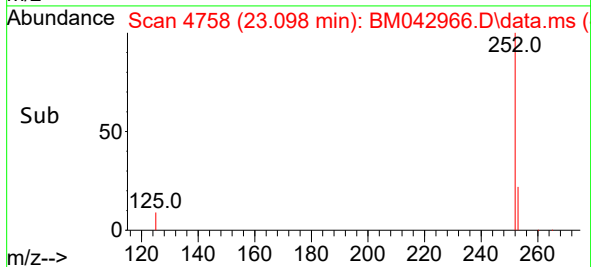
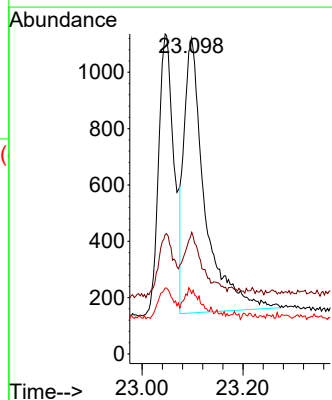
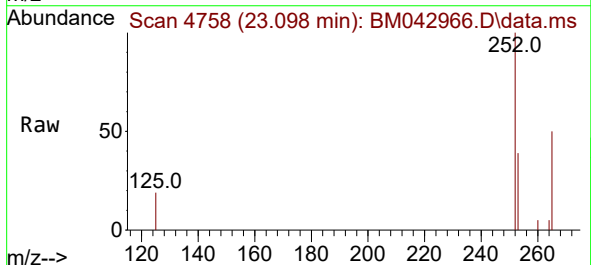
Instrument :
BNA_M
ClientSampleId :
SLCS008

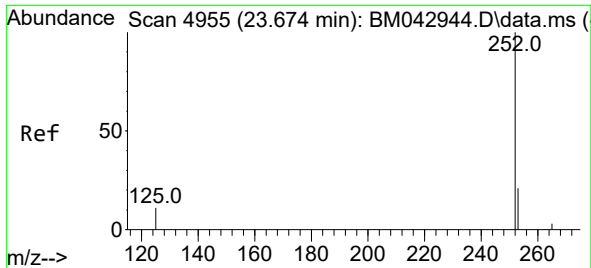
Tgt Ion:252 Resp: 2123
Ion Ratio Lower Upper
252 100
253 37.3 0.0 77.4
125 20.6 0.0 42.0



#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 23.098 min Scan# 4758
Delta R.T. 0.009 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

Tgt Ion:252 Resp: 2809
Ion Ratio Lower Upper
252 100
253 38.6 30.5 45.7
125 19.2 17.2 25.8

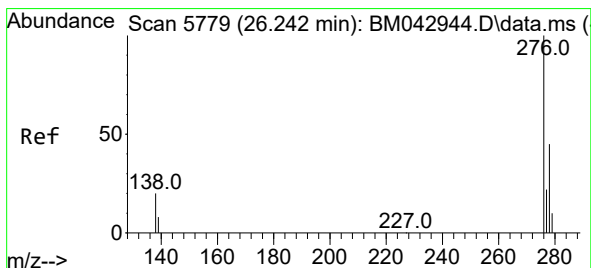
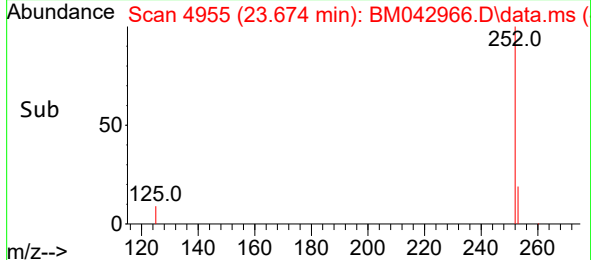
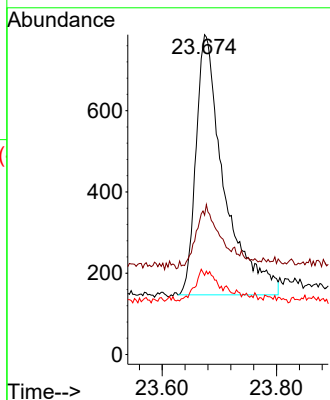
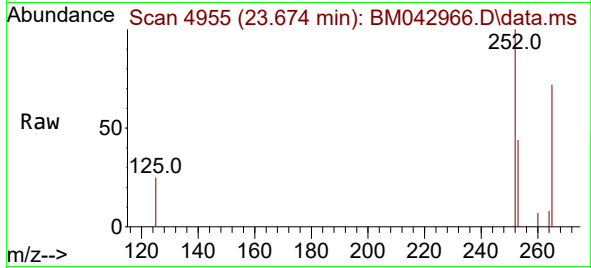




#26
Benzo(a)pyrene
Concen: 0.327 ng/ul
RT: 23.674 min Scan# 4955
Delta R.T. 0.006 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

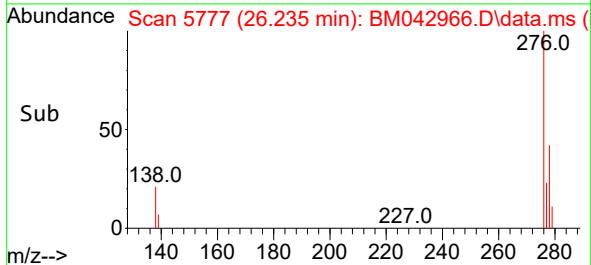
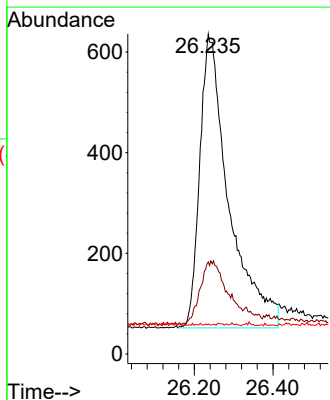
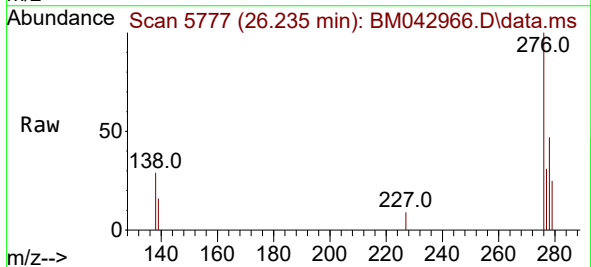
Instrument :
BNA_M
ClientSampleId :
SLCS008

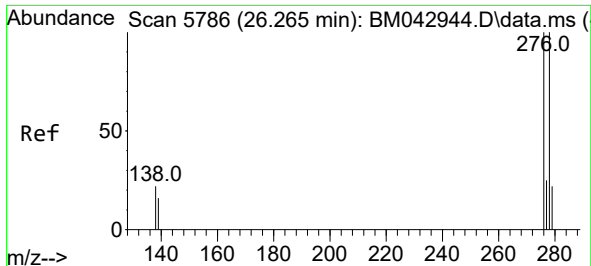
Tgt Ion:	252	Resp:	2183
Ion Ratio	Lower	Upper	
252	100		
253	43.6	35.1	52.7
125	24.8	21.2	31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng/ul
RT: 26.235 min Scan# 5777
Delta R.T. 0.007 min
Lab File: BM042966.D
Acq: 22 Nov 2023 23:34

Tgt Ion:	276	Resp:	2991
Ion Ratio	Lower	Upper	
276	100		
138	21.9	19.5	29.3
227	0.1	0.1	0.1

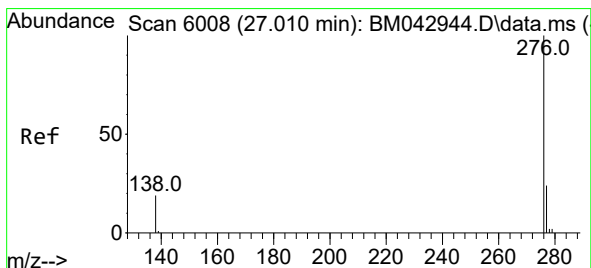
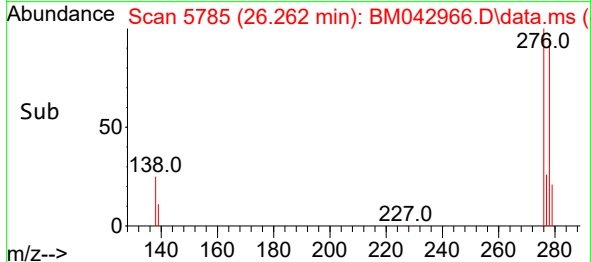
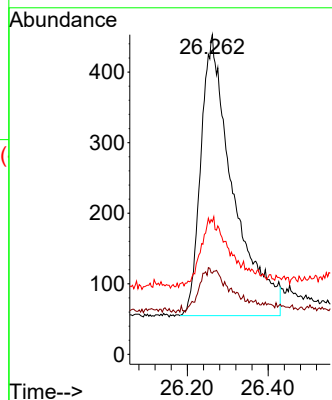
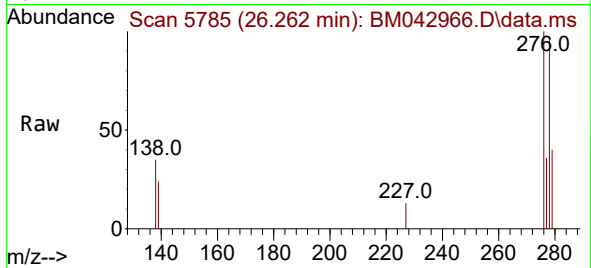




#28
 Dibenzo(a,h)anthracene
 Concen: 0.329 ng/ul
 RT: 26.262 min Scan# 51
 Delta R.T. 0.020 min
 Lab File: BM042966.D
 Acq: 22 Nov 2023 23:34

Instrument :
 BNA_M
 ClientSampleId :
 SLCS008

Tgt Ion:278 Resp: 2191
 Ion Ratio Lower Upper
 278 100
 139 25.4 21.8 32.6
 279 41.5 33.4 50.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.358 ng/ul
 RT: 27.013 min Scan# 6009
 Delta R.T. 0.017 min
 Lab File: BM042966.D
 Acq: 22 Nov 2023 23:34

Tgt Ion:276 Resp: 2720
 Ion Ratio Lower Upper
 276 100
 138 27.0 22.2 33.4
 277 29.1 25.9 38.9

