

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041513.D
 Acq On : 26 Aug 2023 03:14
 Operator : MA/JU
 Sample : PB154994BS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS994

Quant Time: Aug 26 04:04:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 24 18:34:12 2023
 Response via : Initial Calibration

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

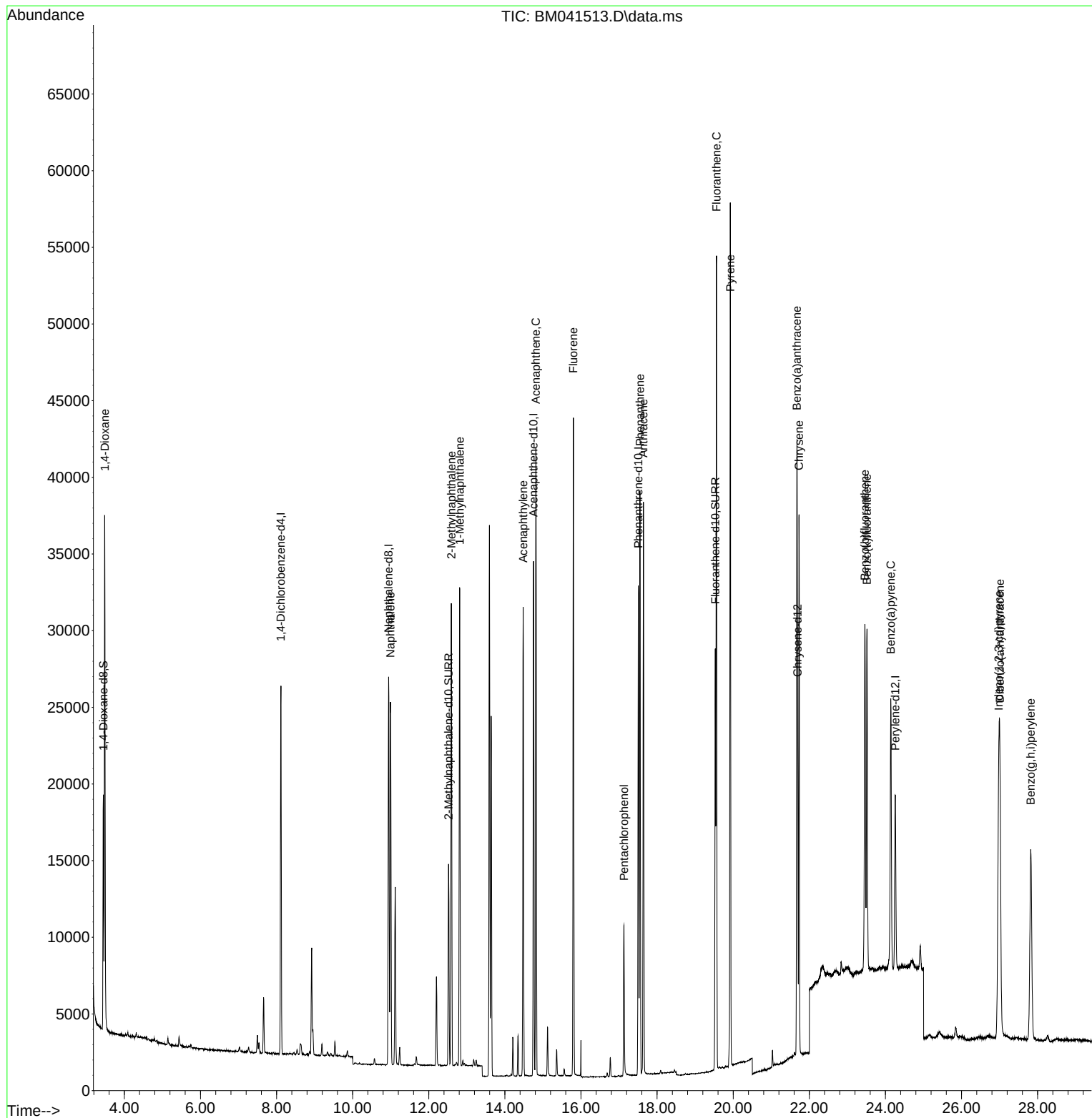
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	11921	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	33425	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	17068	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.510	188	34409	0.400	ng/ul	0.00
17) Chrysene-d12	21.694	240	15243	0.400	ng/ul	-0.01
23) Perylene-d12	24.257	264	16191	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	9214	0.611	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	16369	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	24805	0.369	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.486	88	22152	1.427	ng/ul#	94
5) Naphthalene	10.994	128	32267	0.324	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	20211	0.338	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	21669	0.356	ng/ul	100
10) Acenaphthylene	14.481	152	33232	0.324	ng/ul	99
11) Acenaphthene	14.814	153	22977	0.322	ng/ul	98
12) Fluorene	15.800	166	26138	0.328	ng/ul	100
14) Pentachlorophenol	17.130	266	6486	1.000	ng/ul	97
15) Phenanthrene	17.548	178	40038	0.317	ng/ul	99
16) Anthracene	17.641	178	38589	0.336	ng/ul	100
19) Fluoranthene	19.562	202	43476	0.311	ng/ul	96
20) Pyrene	19.924	202	44214	0.313	ng/ul	99
21) Benzo(a)anthracene	21.673	228	32483	0.327	ng/ul	97
22) Chrysene	21.732	228	31061	0.290	ng/ul	98
24) Benzo(b)fluoranthene	23.462	252	31224	0.282	ng/ul	84
25) Benzo(k)fluoranthene	23.515	252	30523	0.275	ng/ul#	85
26) Benzo(a)pyrene	24.143	252	26785	0.294	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.978	276	35827	0.315	ng/ul#	98
28) Dibenzo(a,h)anthracene	27.008	278	26458	0.304	ng/ul#	89
29) Benzo(g,h,i)perylene	27.820	276	29399	0.293	ng/ul	95

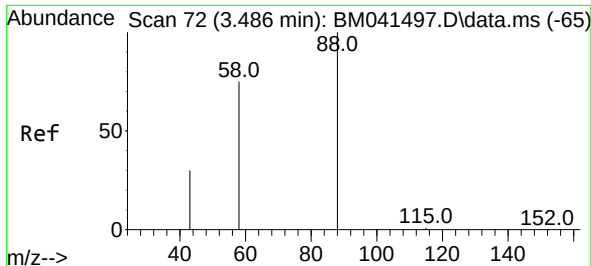
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041513.D
Acq On : 26 Aug 2023 03:14
Operator : MA/JU
Sample : PB154994BS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS994

Quant Time: Aug 26 04:04:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration

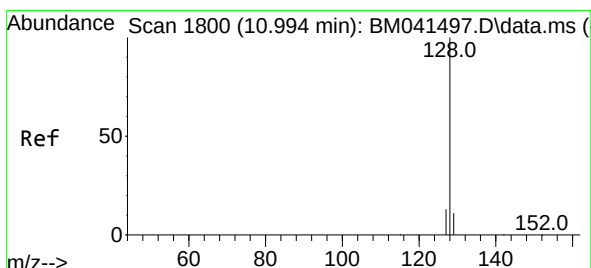
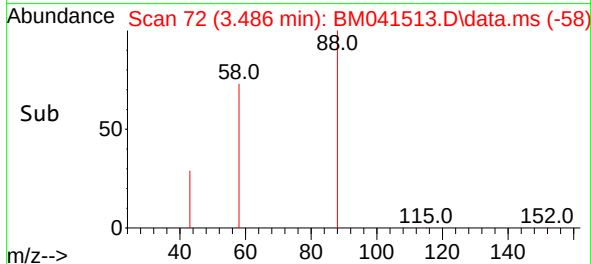
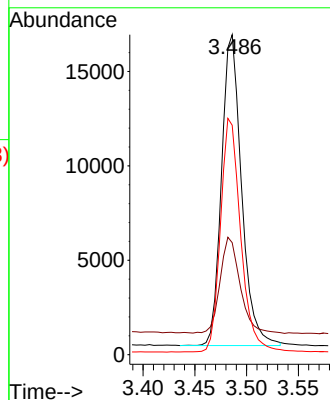
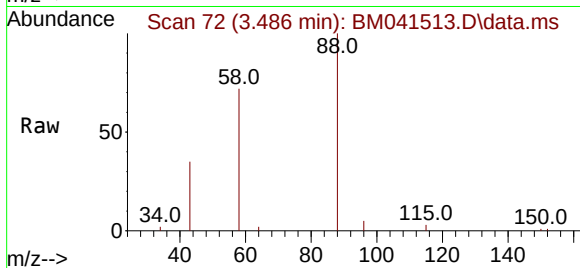




#2
1,4-Dioxane
Concen: 1.427 ng/ul
RT: 3.486 min Scan# 72
Delta R.T. 0.000 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

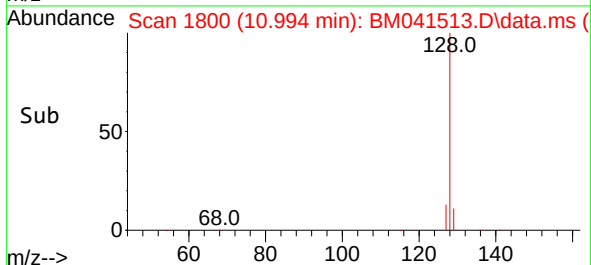
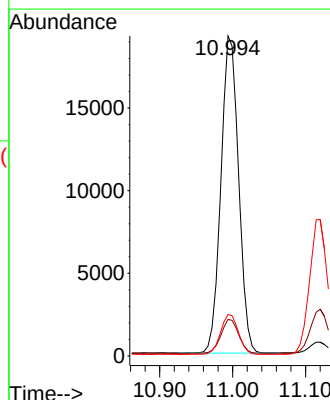
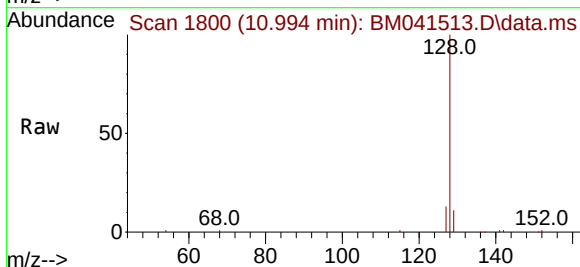
Instrument :
BNA_M
ClientSampleId :
SLCS994

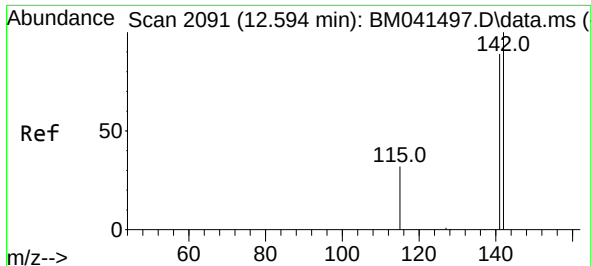
Tgt Ion: 88 Resp: 22152
Ion Ratio Lower Upper
88 100
43 35.0 35.4 53.2#
58 71.7 57.3 85.9



#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.994 min Scan# 1800
Delta R.T. -0.005 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

Tgt Ion: 128 Resp: 32267
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 12.9 10.6 15.8

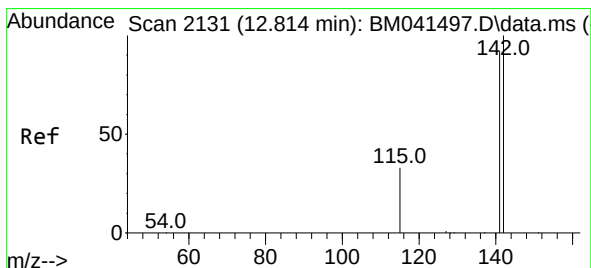
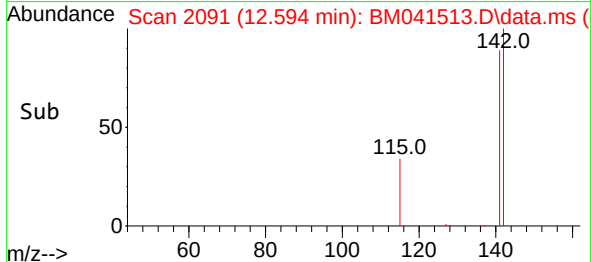
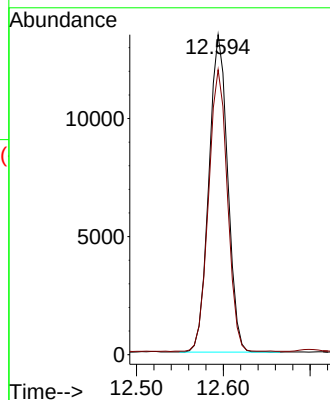
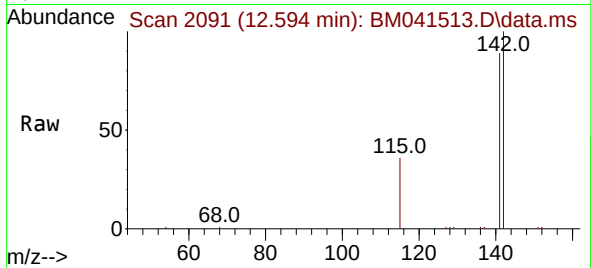




#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

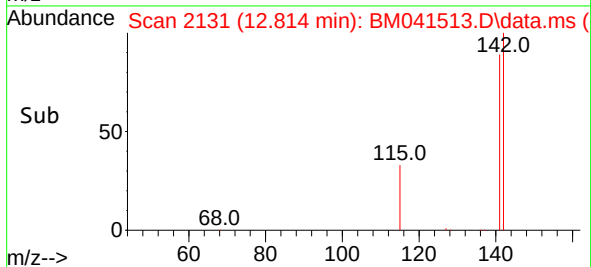
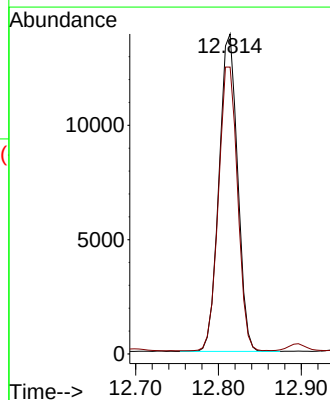
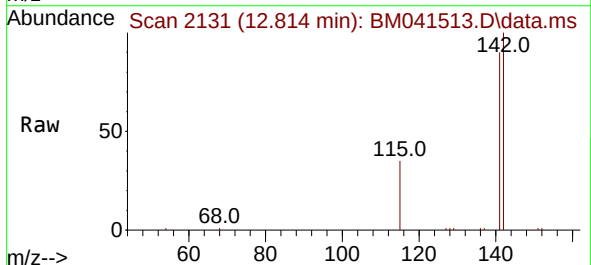
Instrument :
BNA_M
ClientSampleId :
SLCS994

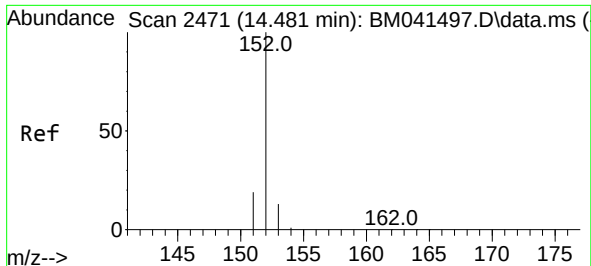
Tgt Ion:142 Resp: 20211
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

Tgt Ion:142 Resp: 21669
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2

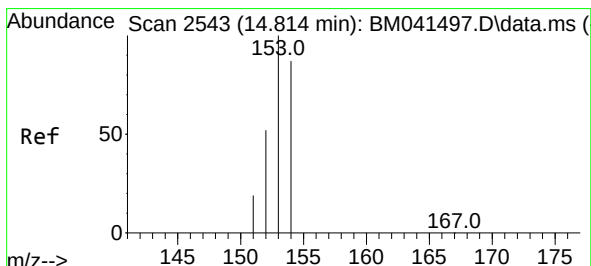
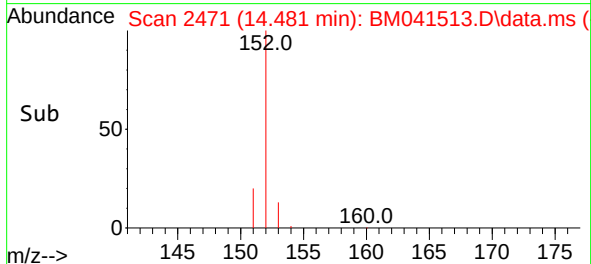
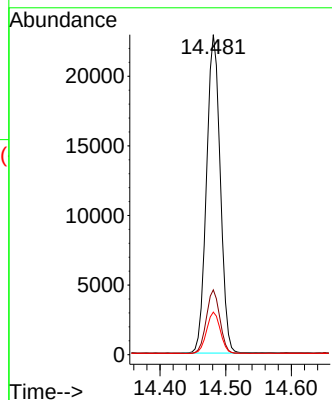
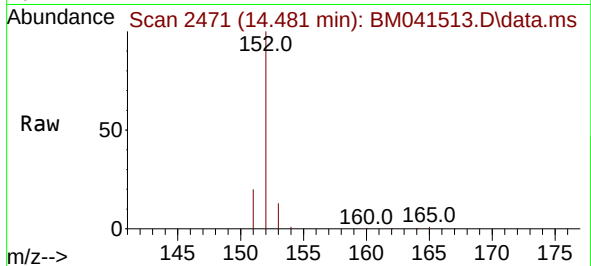




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. -0.005 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

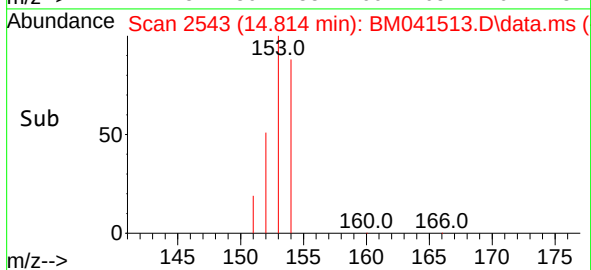
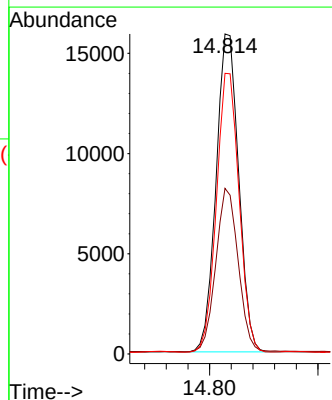
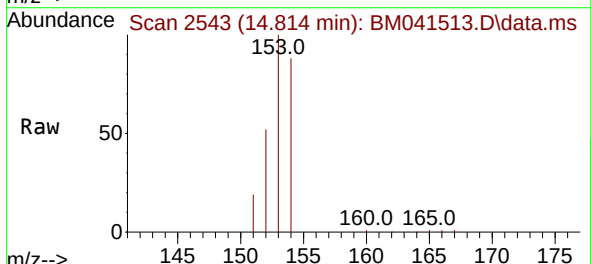
Instrument :
BNA_M
ClientSampleId :
SLCS994

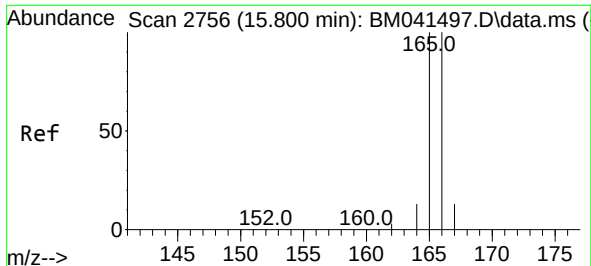
Tgt Ion:152 Resp: 33232
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.6
153 13.3 10.6 15.8



#11
Acenaphthene
Concen: 0.322 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.005 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

Tgt Ion:153 Resp: 22977
Ion Ratio Lower Upper
153 100
152 51.7 42.9 64.3
154 87.7 68.9 103.3

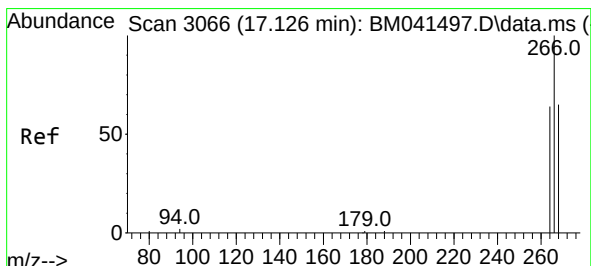
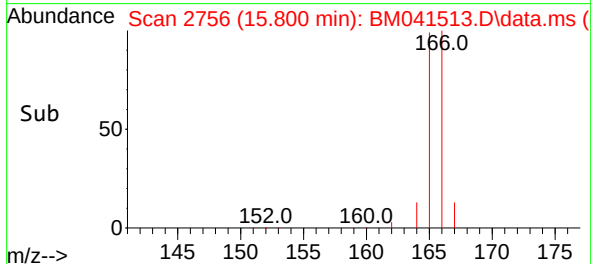
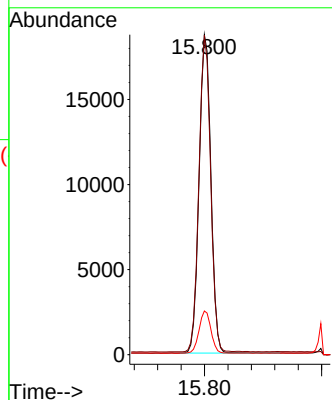
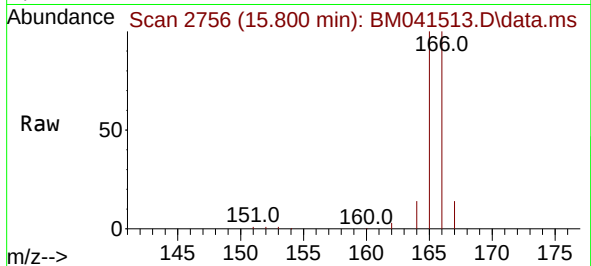




#12
 Fluorene
 Concen: 0.328 ng/ul
 RT: 15.800 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM041513.D
 Acq: 26 Aug 2023 03:14

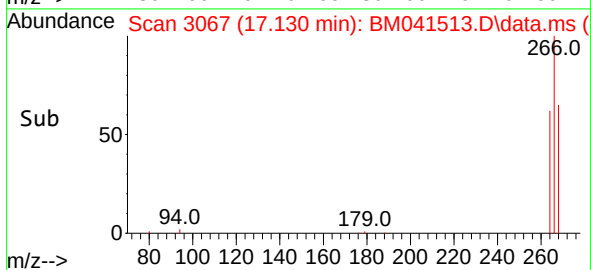
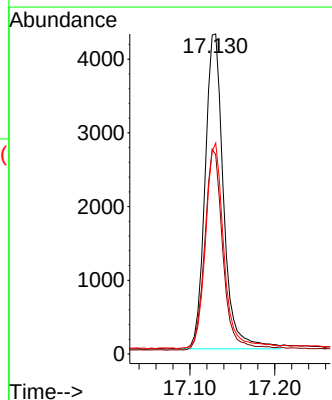
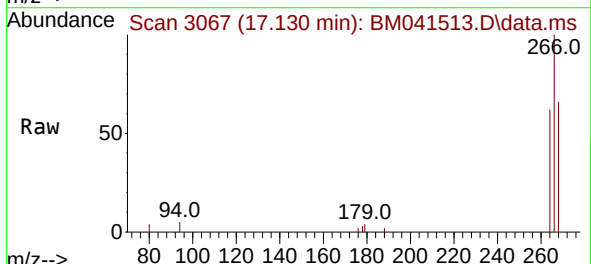
Instrument :
 BNA_M
 ClientSampleId :
 SLCS994

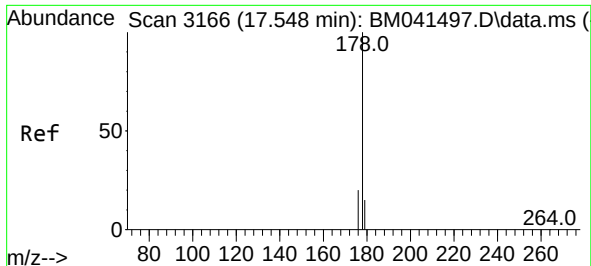
Tgt Ion:166 Resp: 26138
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.4 119.2
 167 13.7 11.0 16.6



#14
 Pentachlorophenol
 Concen: 1.000 ng/ul
 RT: 17.130 min Scan# 3067
 Delta R.T. 0.000 min
 Lab File: BM041513.D
 Acq: 26 Aug 2023 03:14

Tgt Ion:266 Resp: 6486
 Ion Ratio Lower Upper
 266 100
 264 63.0 50.1 75.1
 268 64.8 48.6 73.0

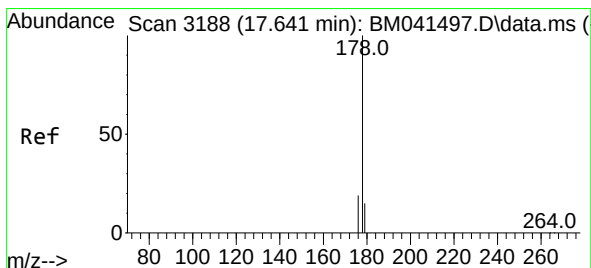
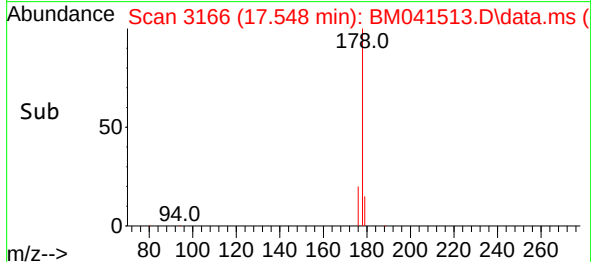
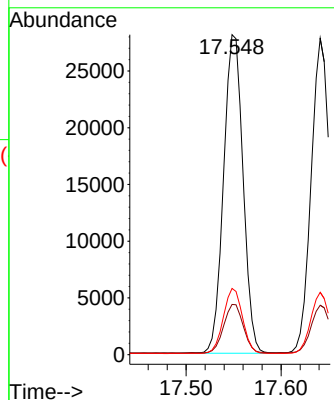
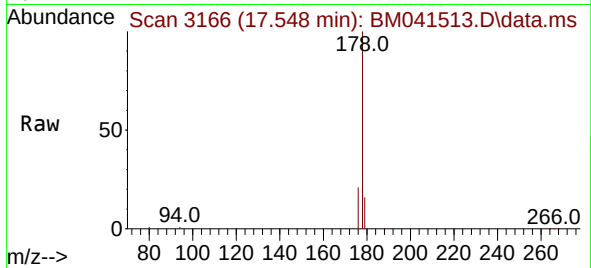




#15
Phenanthrene
Concen: 0.317 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.008 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

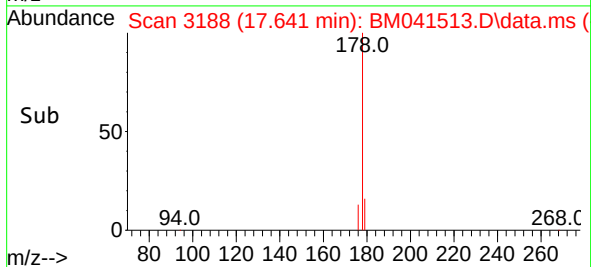
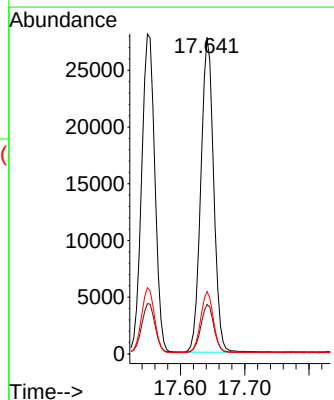
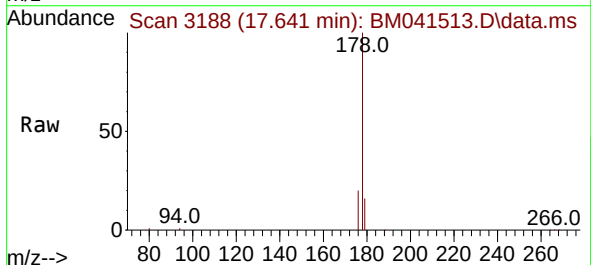
Instrument :
BNA_M
ClientSampleId :
SLCS994

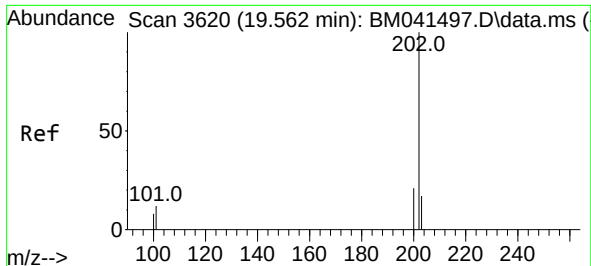
Tgt Ion:178 Resp: 40038
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 20.7 15.8 23.8



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.641 min Scan# 3188
Delta R.T. -0.004 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

Tgt Ion:178 Resp: 38589
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.7 15.5 23.3

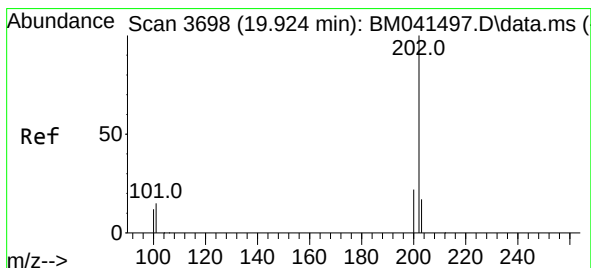
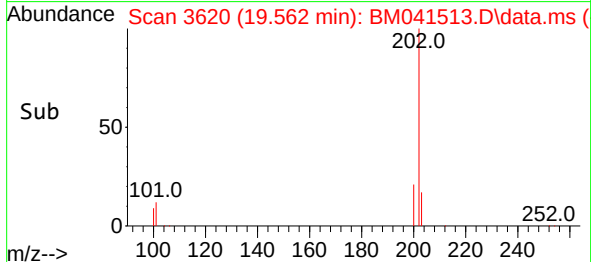
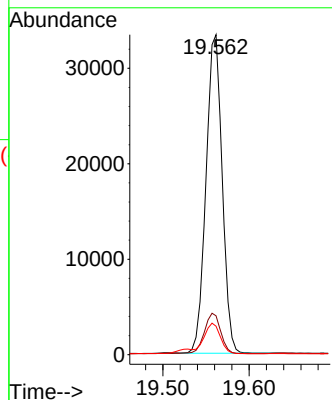
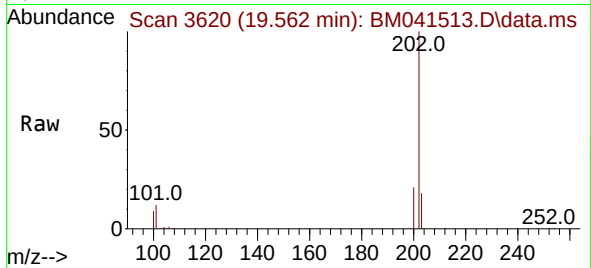




#19
Fluoranthene
Concen: 0.311 ng/ul
RT: 19.562 min Scan# 3620
Delta R.T. -0.005 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

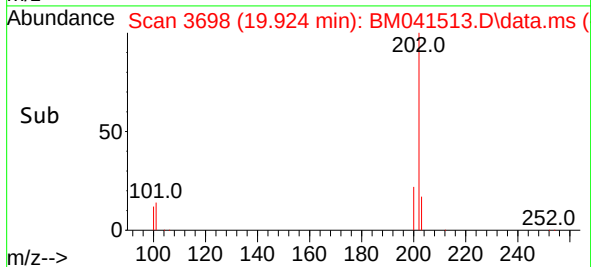
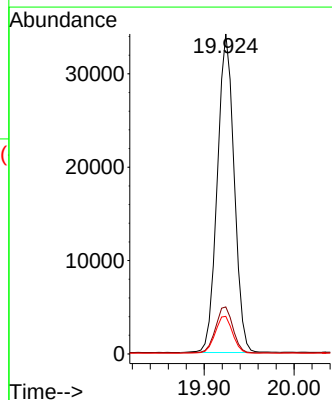
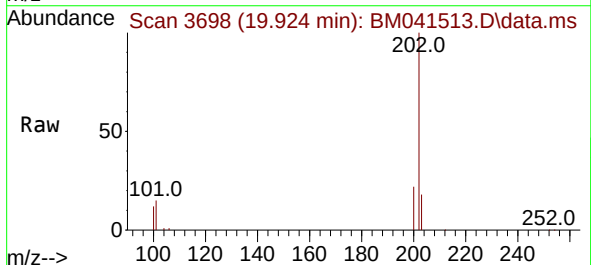
Instrument :
BNA_M
ClientSampleId :
SLCS994

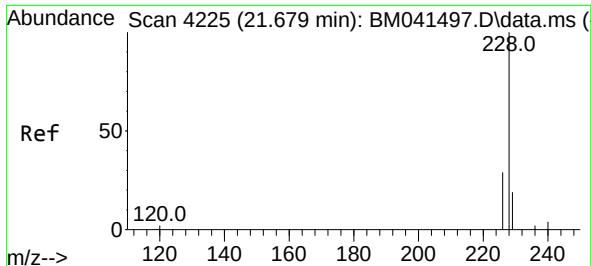
Tgt Ion:202 Resp: 43476
Ion Ratio Lower Upper
202 100
101 12.1 11.0 16.6
100 8.9 7.9 11.9



#20
Pyrene
Concen: 0.313 ng/ul
RT: 19.924 min Scan# 3698
Delta R.T. -0.009 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

Tgt Ion:202 Resp: 44214
Ion Ratio Lower Upper
202 100
101 14.7 12.2 18.2
100 11.8 9.8 14.8

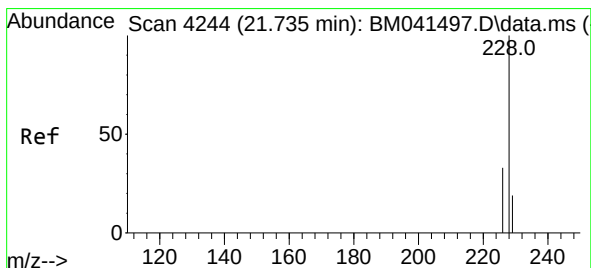
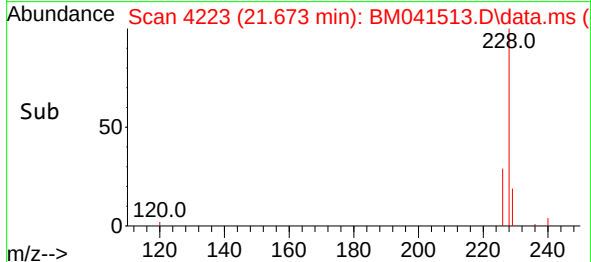
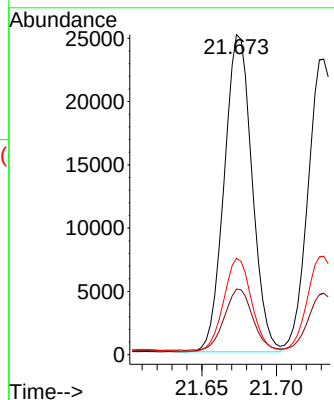
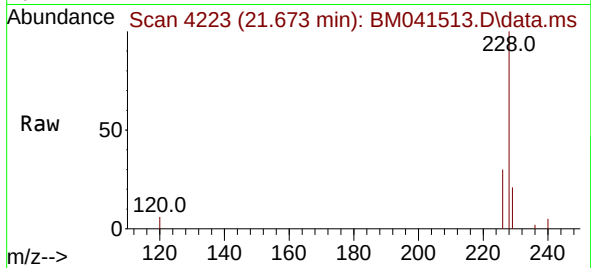




#21
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 21.673 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

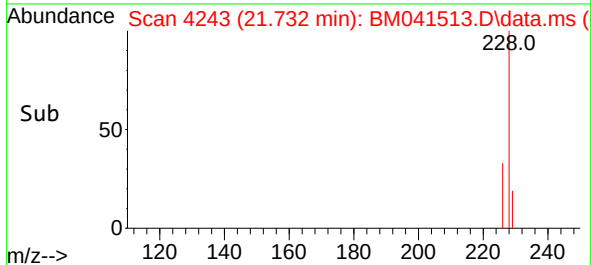
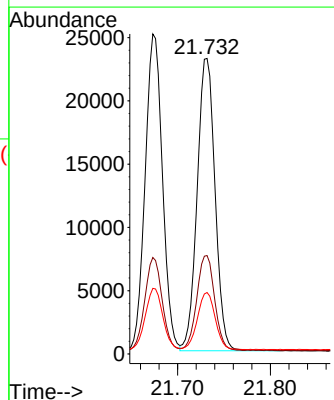
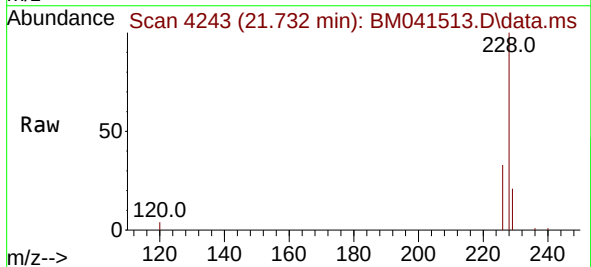
Instrument :
BNA_M
ClientSampleId :
SLCS994

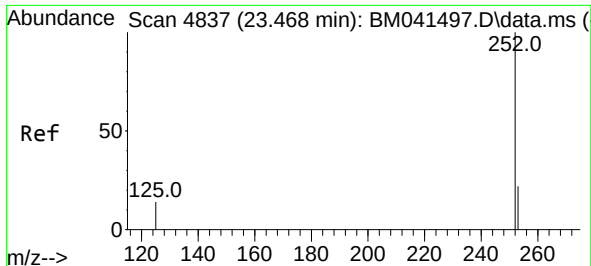
Tgt Ion:228 Resp: 32483
Ion Ratio Lower Upper
228 100
229 20.5 15.3 22.9
226 30.2 22.7 34.1



#22
Chrysene
Concen: 0.290 ng/ul
RT: 21.732 min Scan# 4243
Delta R.T. -0.012 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

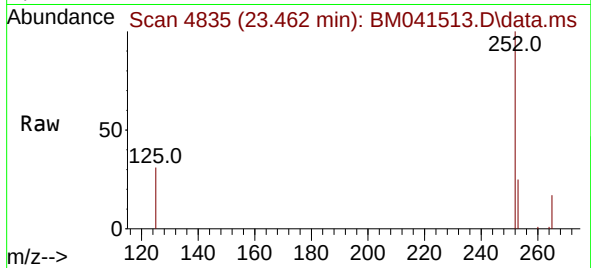
Tgt Ion:228 Resp: 31061
Ion Ratio Lower Upper
228 100
226 33.3 25.6 38.4
229 20.8 15.7 23.5



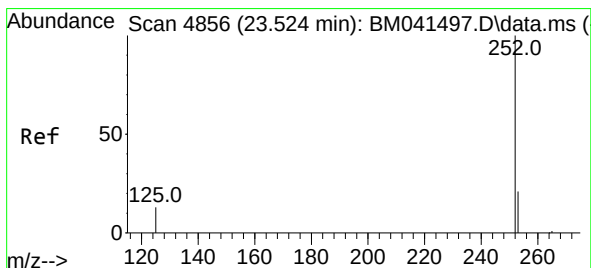
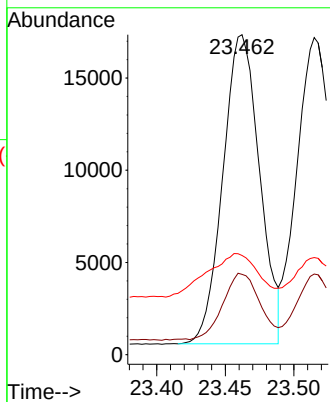
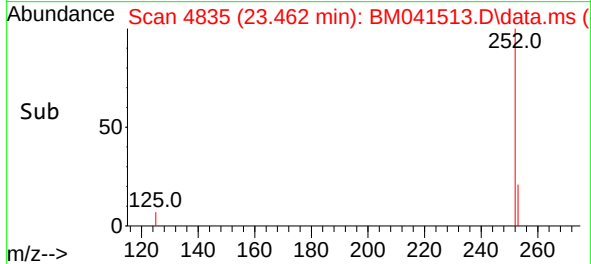


#24
Benzo(b)fluoranthene
Concen: 0.282 ng/ul
RT: 23.462 min Scan# 4835
Delta R.T. -0.020 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

Instrument :
BNA_M
ClientSampleId :
SLCS994

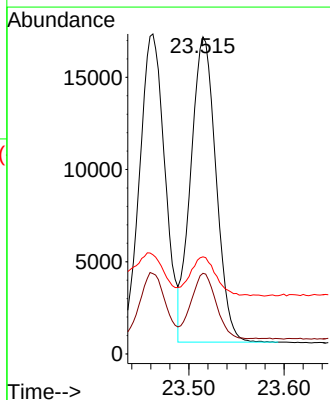
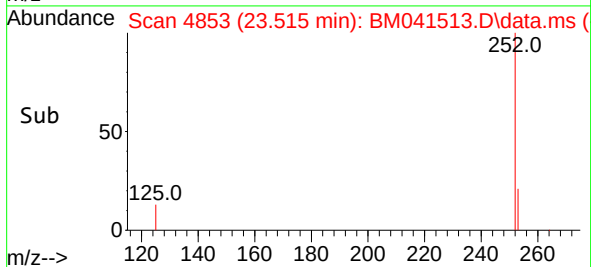
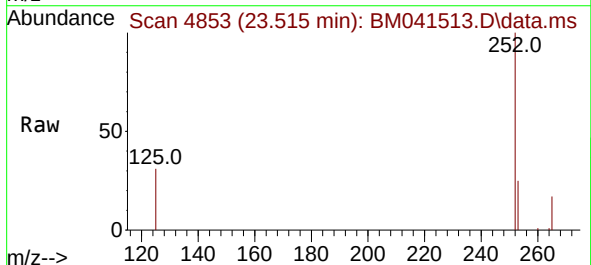


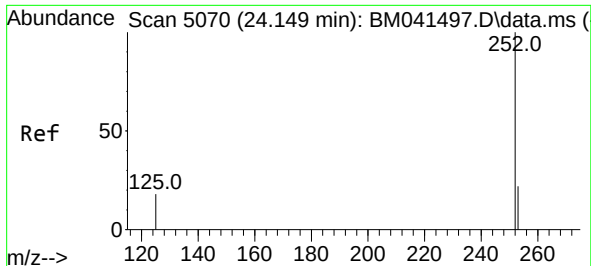
Tgt Ion:252 Resp: 31224
Ion Ratio Lower Upper
252 100
253 25.1 0.0 46.8
125 31.0 0.0 32.8



#25
Benzo(k)fluoranthene
Concen: 0.275 ng/ul
RT: 23.515 min Scan# 4853
Delta R.T. -0.020 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

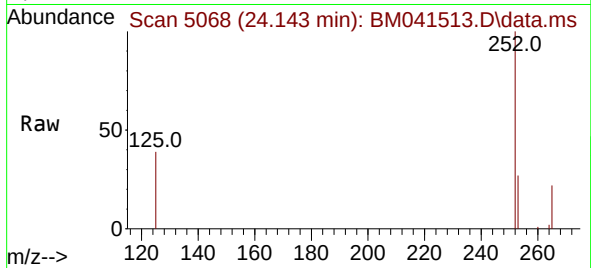
Tgt Ion:252 Resp: 30523
Ion Ratio Lower Upper
252 100
253 25.4 19.1 28.7
125 30.6 13.4 20.0#



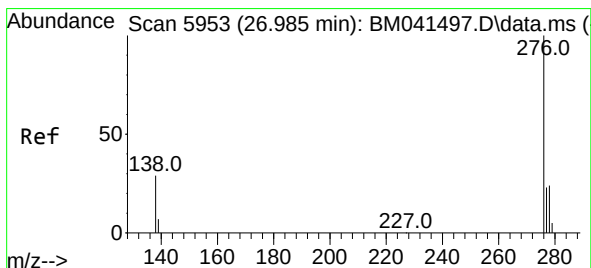
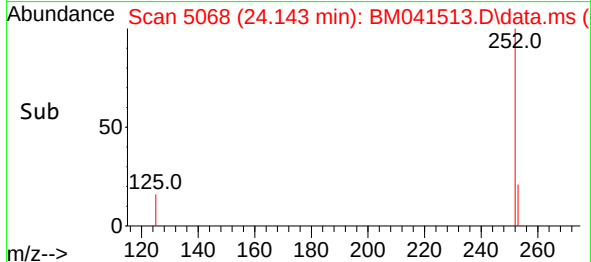
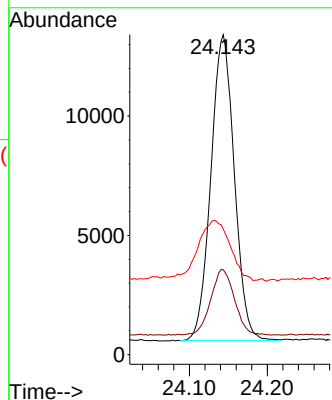


#26
Benzo(a)pyrene
Concen: 0.294 ng/ul
RT: 24.143 min Scan# 5070
Delta R.T. -0.020 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

Instrument :
BNA_M
ClientSampleId :
SLCS994

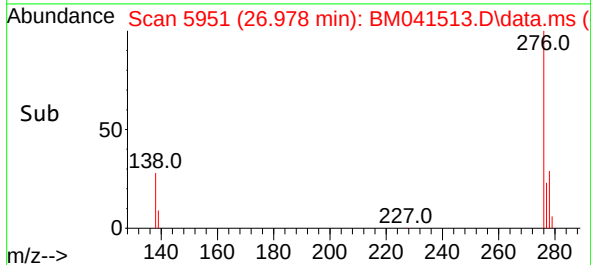
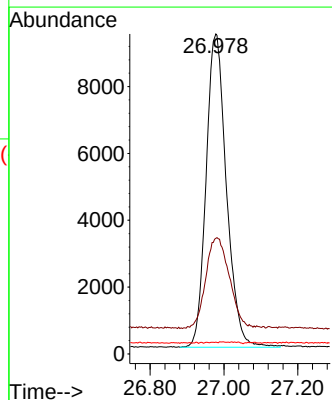
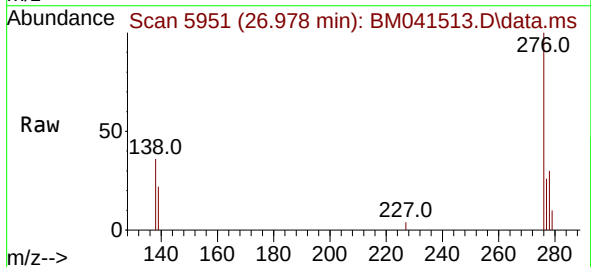


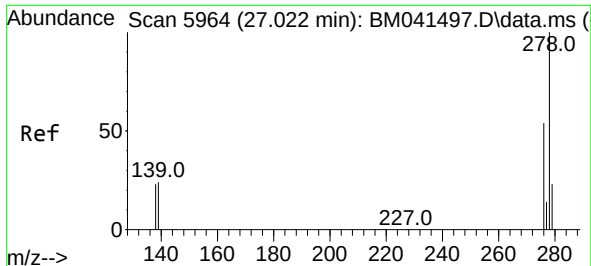
Tgt Ion:252 Resp: 26785
Ion Ratio Lower Upper
252 100
253 26.6 19.5 29.3
125 39.3 16.0 24.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 26.978 min Scan# 5951
Delta R.T. -0.027 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

Tgt Ion:276 Resp: 35827
Ion Ratio Lower Upper
276 100
138 33.7 27.8 41.6
227 0.1 0.0 0.0#

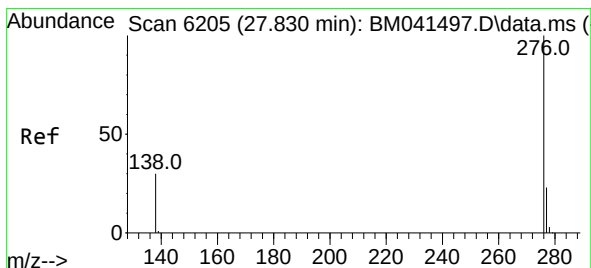
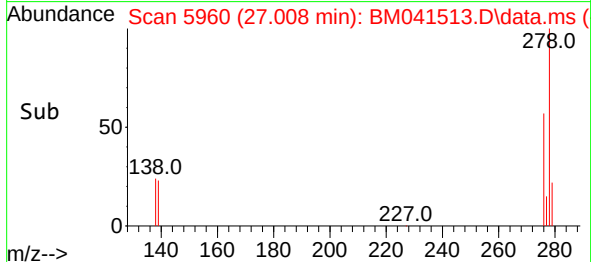
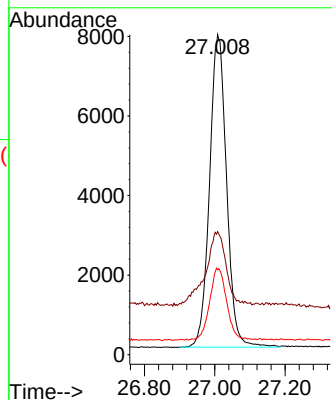
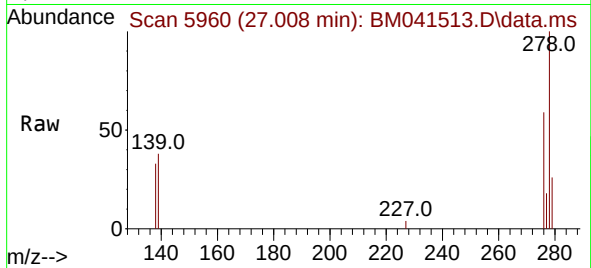




#28
Dibenzo(a,h)anthracene
Concen: 0.304 ng/ul
RT: 27.008 min Scan# 5964
Delta R.T. -0.037 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

Instrument :
BNA_M
ClientSampleId :
SLCS994

Tgt Ion:278 Resp: 26458
Ion Ratio Lower Upper
278 100
139 38.5 21.9 32.9#
279 26.5 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.293 ng/ul
RT: 27.820 min Scan# 6202
Delta R.T. -0.034 min
Lab File: BM041513.D
Acq: 26 Aug 2023 03:14

Tgt Ion:276 Resp: 29399
Ion Ratio Lower Upper
276 100
138 36.2 25.9 38.9
277 25.3 19.4 29.2

