

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081121\
 Data File : BM031660.D
 Acq On : 11 Aug 2021 15:01
 Operator : CG/JU
 Sample : PB138247BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS247

Quant Time: Aug 11 15:36:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 11 11:28:24 2021
 Response via : Initial Calibration

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

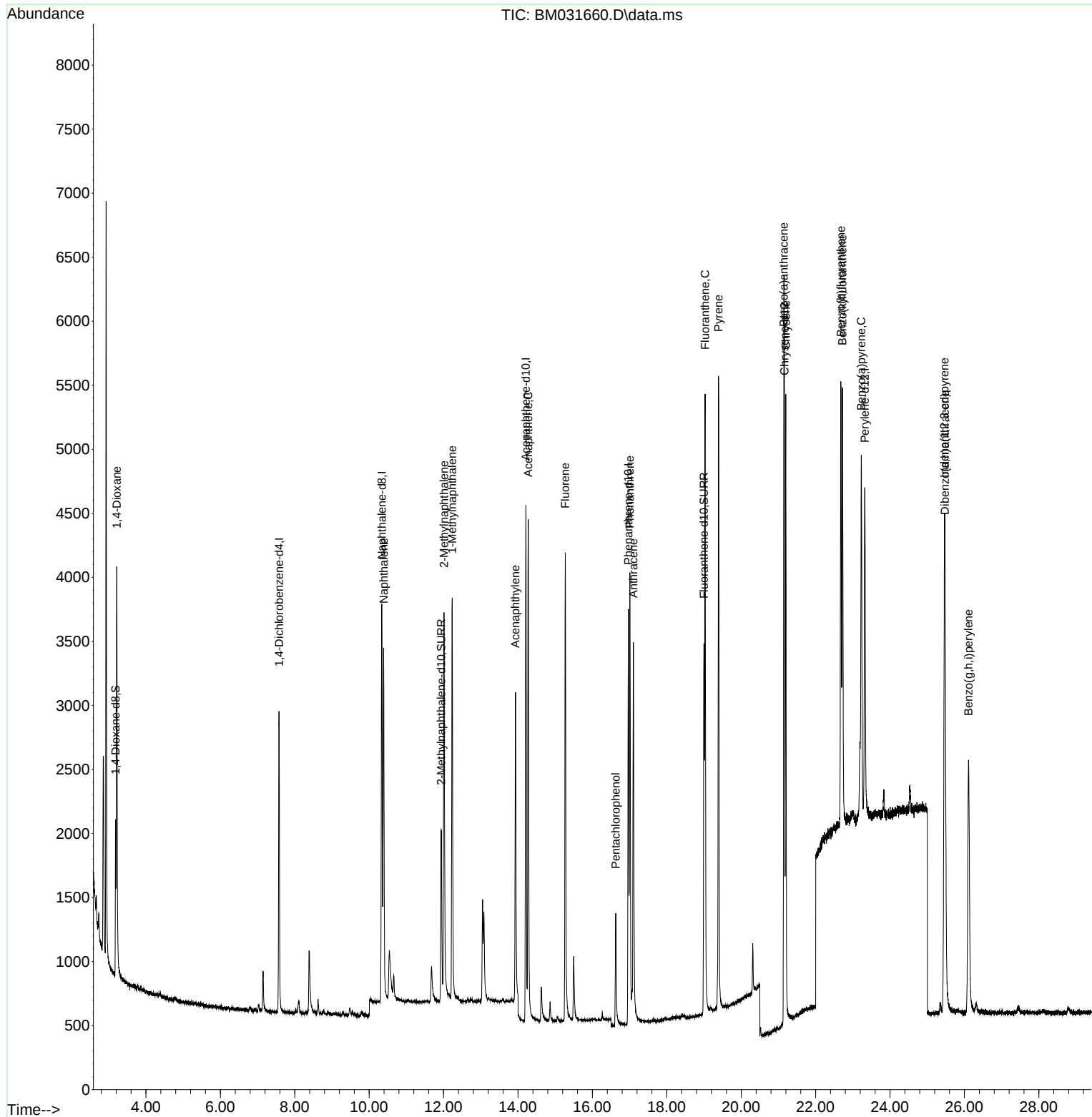
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	1231	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	4715	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.212	164	2488	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	4456	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.161	240	3377	0.400	ng/ul	# 0.00
23) Perylene-d12	23.321	264	3359	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	738	0.540	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	2205	0.278	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3741	0.332	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	2015	1.459	ng/ul#	75
5) Naphthalene	10.388	128	4010	0.286	ng/ul	99
7) 2-Methylnaphthalene	12.011	142	2606	0.272	ng/ul	97
8) 1-Methylnaphthalene	12.232	142	2385	0.252	ng/ul	100
10) Acenaphthylene	13.932	152	3369	0.318	ng/ul	100
11) Acenaphthene	14.277	153	2570	0.288	ng/ul	99
12) Fluorene	15.270	166	2769	0.270	ng/ul	95
14) Pentachlorophenol	16.628	266	742	0.520	ng/ul	98
15) Phenanthrene	17.006	178	4159	0.294	ng/ul	97
16) Anthracene	17.100	178	3885	0.293	ng/ul	99
19) Fluoranthene	19.027	202	4583	0.318	ng/ul#	95
20) Pyrene	19.390	202	4714	0.322	ng/ul#	93
21) Benzo(a)anthracene	21.144	228	4276	0.314	ng/ul	97
22) Chrysene	21.198	228	4476	0.317	ng/ul	99
24) Benzo(b)fluoranthene	22.677	252	4459	0.295	ng/ul	85
25) Benzo(k)fluoranthene	22.720	252	4649	0.297	ng/ul#	88
26) Benzo(a)pyrene	23.227	252	4081	0.308	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.466	276	5118	0.299	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.478	278	4054	0.294	ng/ul#	90
29) Benzo(g,h,i)perylene	26.110	276	4450	0.304	ng/ul#	92

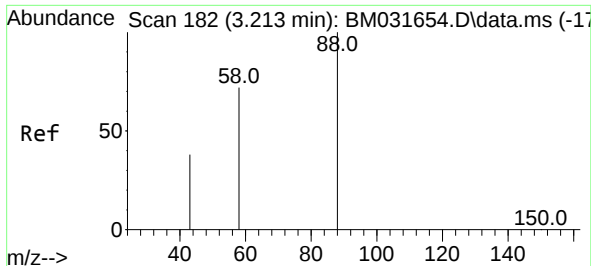
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081121\
Data File : BM031660.D
Acq On : 11 Aug 2021 15:01
Operator : CG/JU
Sample : PB138247BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS247

Quant Time: Aug 11 15:36:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 11 11:28:24 2021
Response via : Initial Calibration

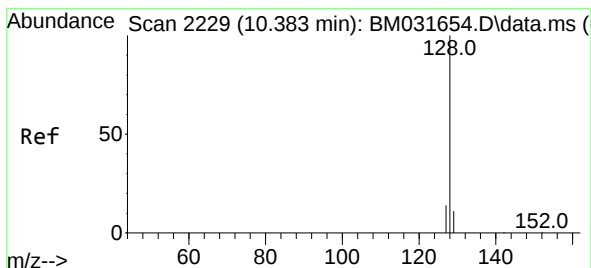
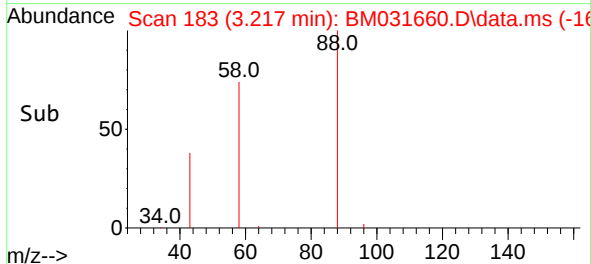
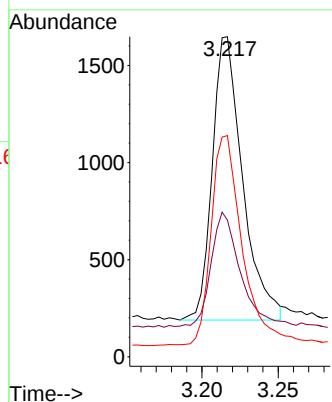
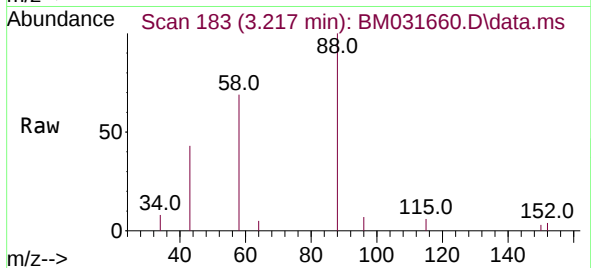




#2
1,4-Dioxane
Concen: 1.459 ng/ul
RT: 3.217 min Scan# 183
Delta R.T. 0.004 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

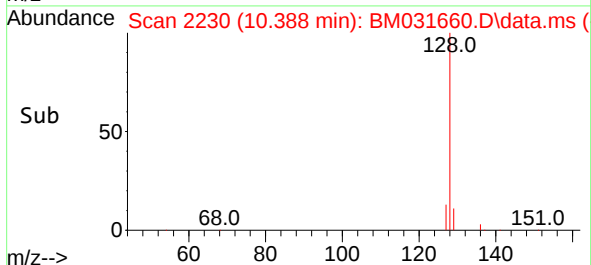
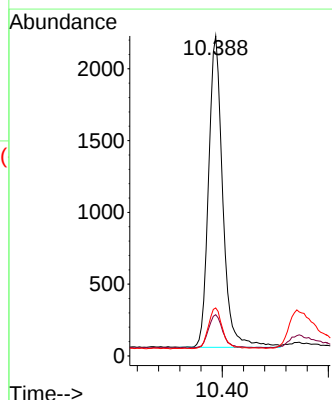
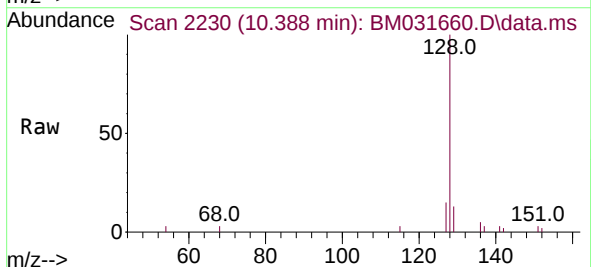
Instrument :
BNA_M
ClientSampleId :
SLCS247

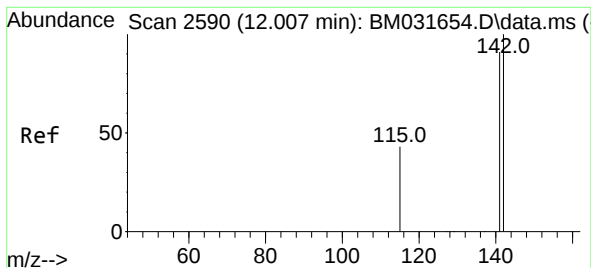
Tgt Ion: 88 Resp: 2015
Ion Ratio Lower Upper
88 100
43 42.7 29.7 44.5
58 69.1 35.6 53.4#



#5
Naphthalene
Concen: 0.286 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. 0.005 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

Tgt Ion: 128 Resp: 4010
Ion Ratio Lower Upper
128 100
129 12.9 10.0 15.0
127 15.0 11.6 17.4

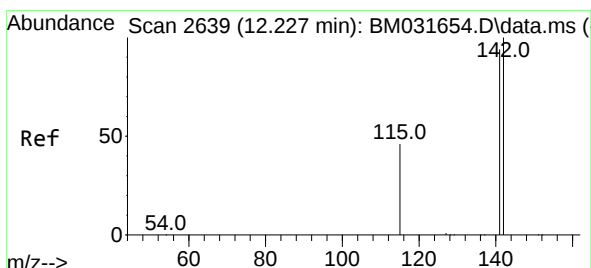
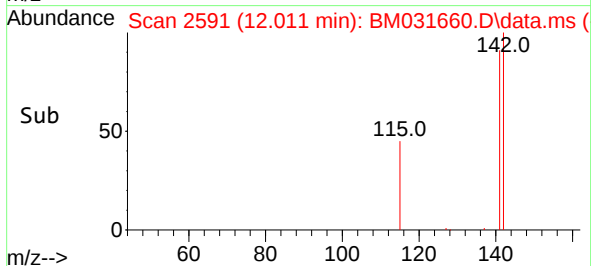
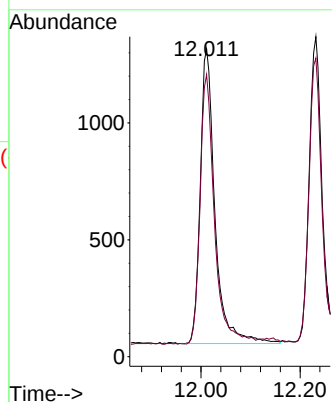
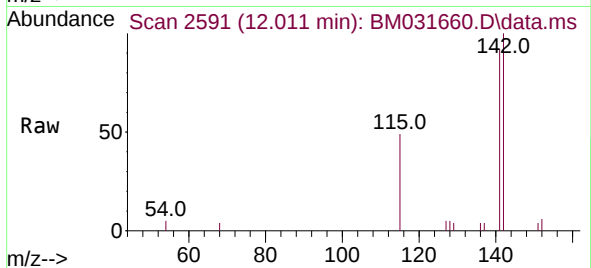




#7
2-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.011 min Scan# 2591
Delta R.T. 0.005 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

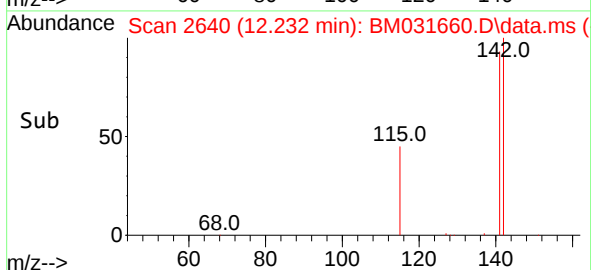
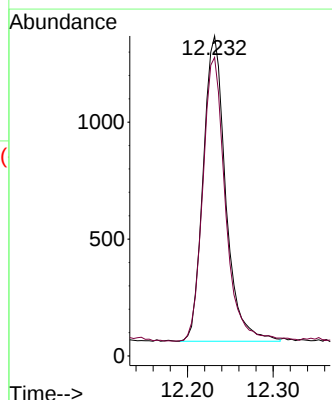
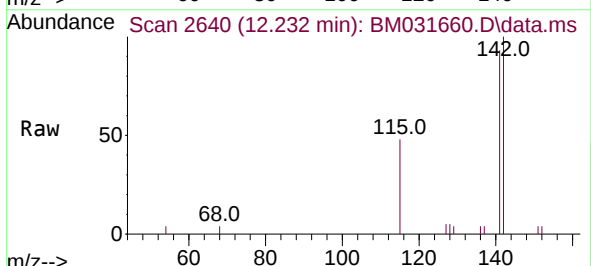
Instrument :
BNA_M
ClientSampleId :
SLCS247

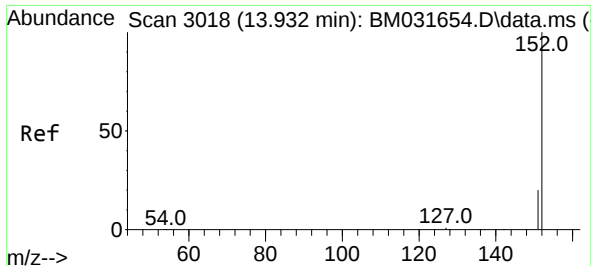
Tgt Ion:142 Resp: 2606
Ion Ratio Lower Upper
142 100
141 91.9 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.252 ng/ul
RT: 12.232 min Scan# 2640
Delta R.T. 0.005 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

Tgt Ion:142 Resp: 2385
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

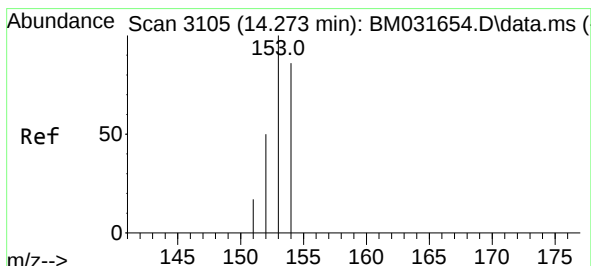
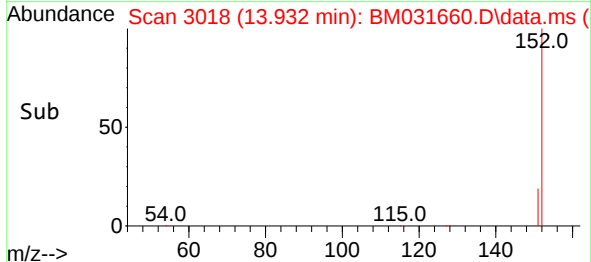
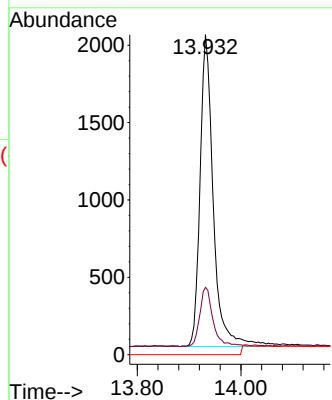
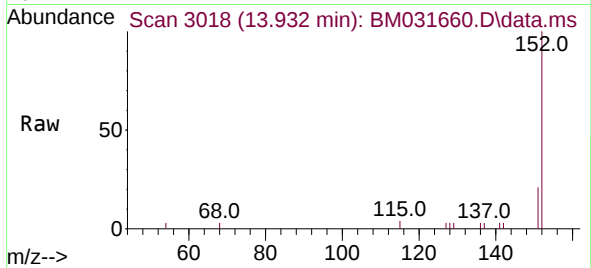




#10
Acenaphthylene
Concen: 0.318 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. 0.000 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

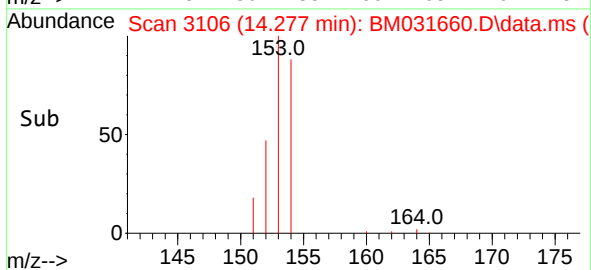
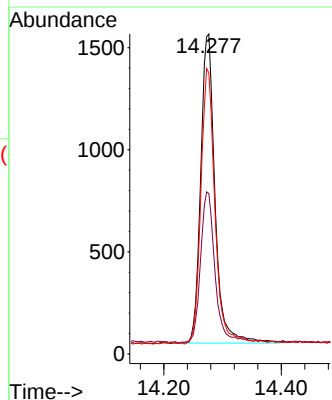
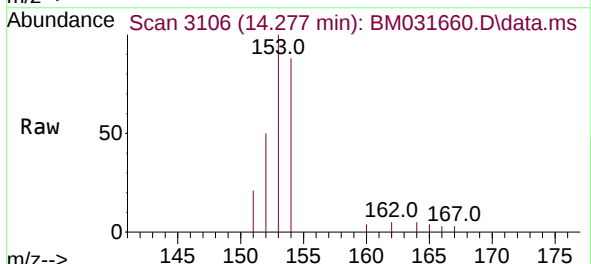
Instrument :
BNA_M
ClientSampleId :
SLCS247

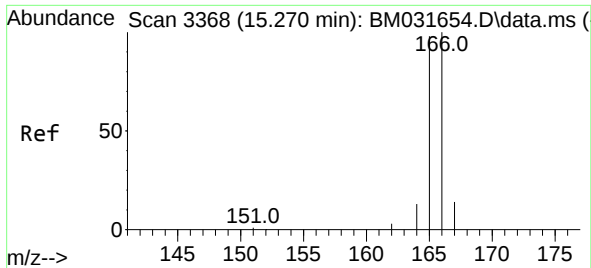
Tgt Ion:152 Resp: 3369
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.288 ng/ul
RT: 14.277 min Scan# 3106
Delta R.T. 0.004 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

Tgt Ion:153 Resp: 2570
Ion Ratio Lower Upper
153 100
152 50.2 40.7 61.1
154 87.9 70.2 105.2

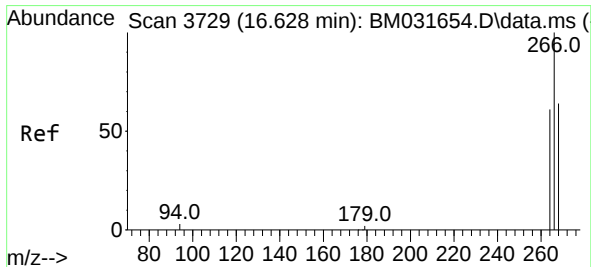
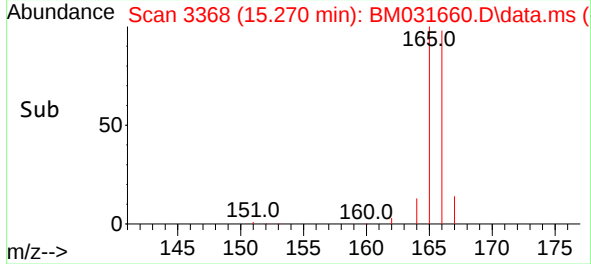
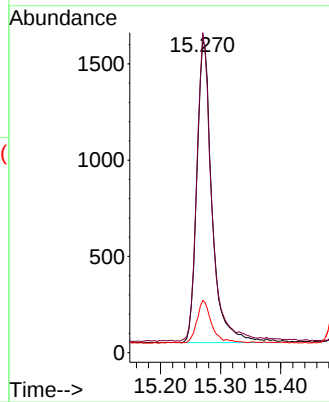
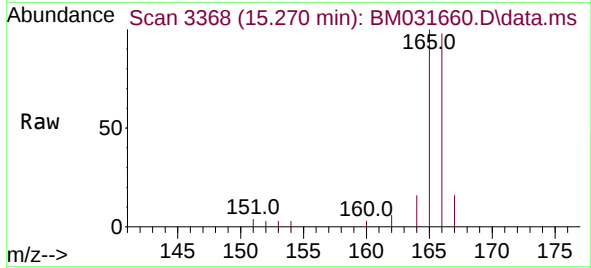




#12
Fluorene
Concen: 0.270 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. 0.000 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

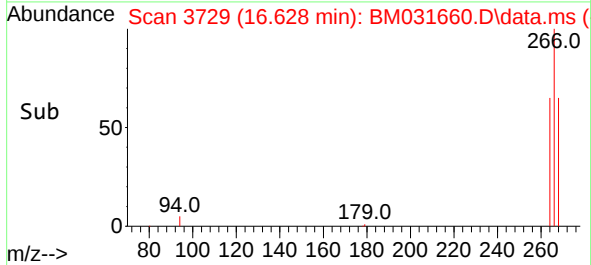
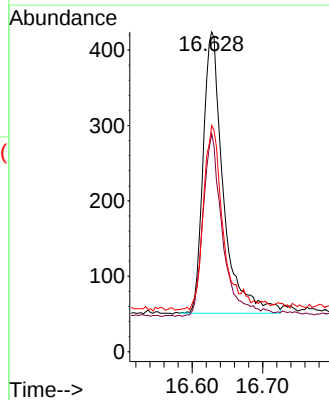
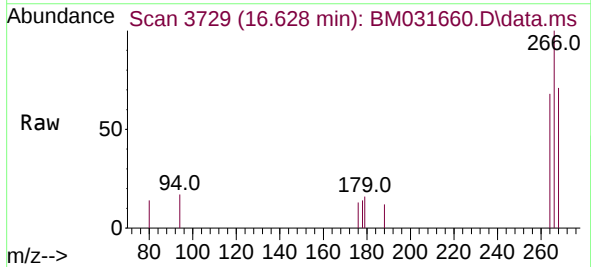
Instrument :
BNA_M
ClientSampleId :
SLCS247

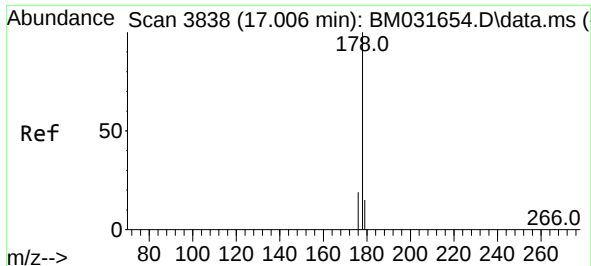
Tgt Ion:	166	Resp:	2769
Ion	Ratio	Lower	Upper
166	100		
165	102.5	78.0	117.0
167	16.7	12.0	18.0



#14
Pentachlorophenol
Concen: 0.520 ng/ul
RT: 16.628 min Scan# 3729
Delta R.T. 0.000 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

Tgt Ion:	266	Resp:	742
Ion	Ratio	Lower	Upper
266	100		
264	65.6	50.1	75.1
268	64.6	51.3	76.9

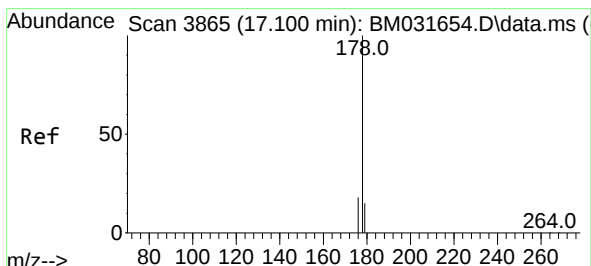
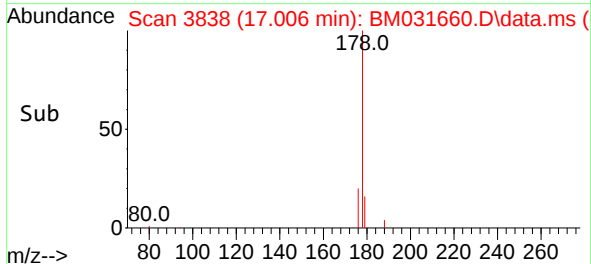
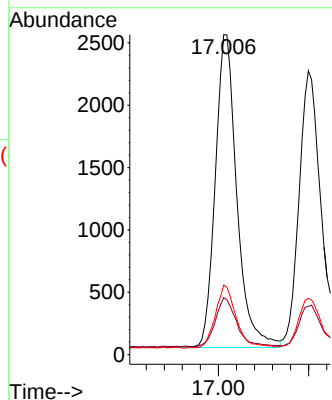
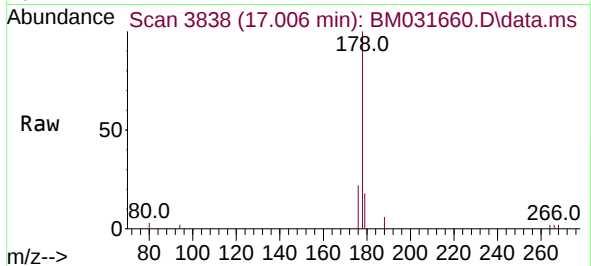




#15
Phenanthrene
Concen: 0.294 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. 0.000 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

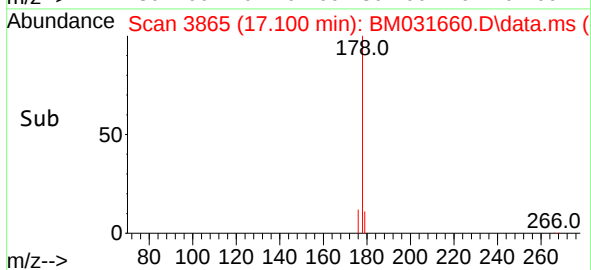
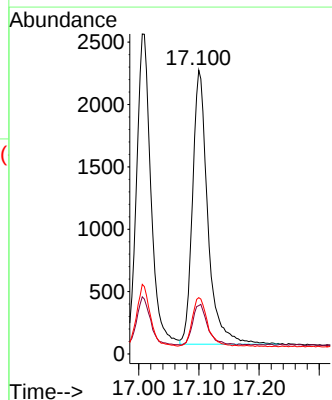
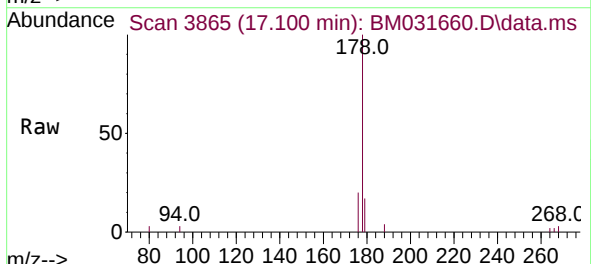
Instrument :
BNA_M
ClientSampleId :
SLCS247

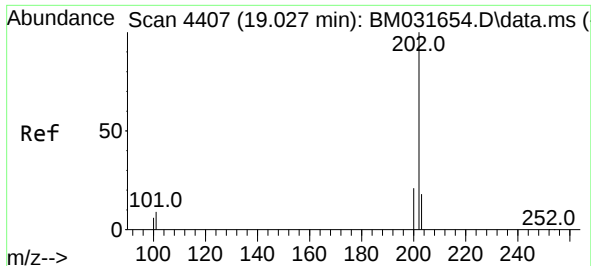
Tgt Ion:	178	Resp:	4159
Ion Ratio	Lower	Upper	
178	100		
179	17.8	13.3	19.9
176	21.7	16.2	24.4



#16
Anthracene
Concen: 0.293 ng/ul
RT: 17.100 min Scan# 3865
Delta R.T. 0.000 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

Tgt Ion:	178	Resp:	3885
Ion Ratio	Lower	Upper	
178	100		
179	17.0	13.0	19.6
176	19.9	15.6	23.4

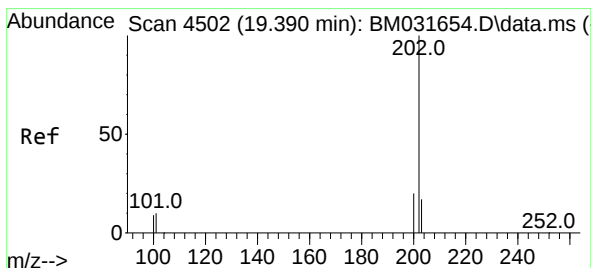
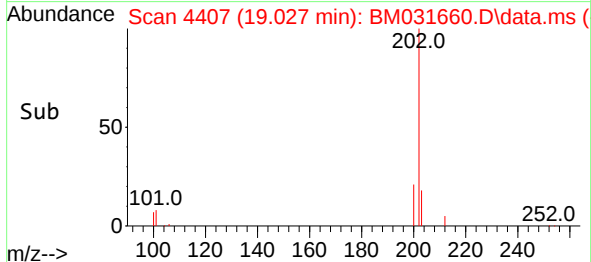
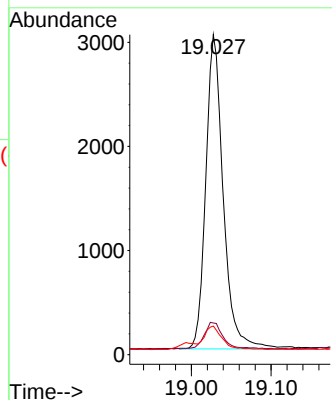
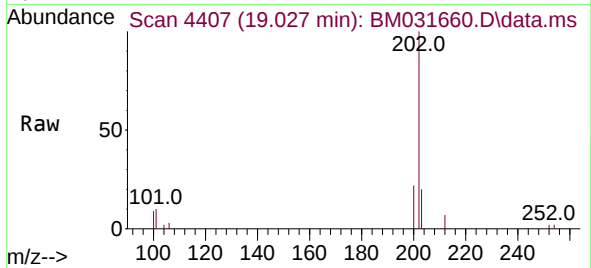




#19
Fluoranthene
Concen: 0.318 ng/ul
RT: 19.027 min Scan# 4407
Delta R.T. 0.000 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

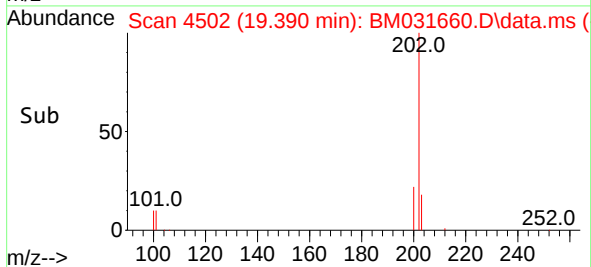
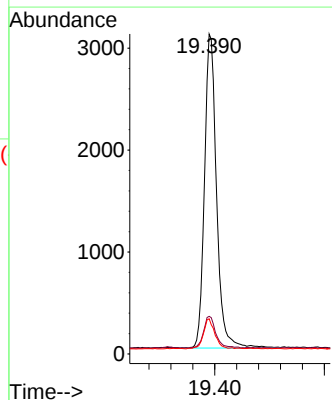
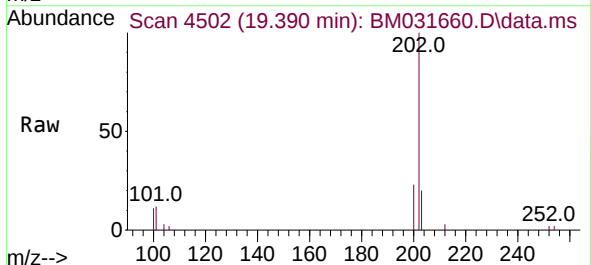
Instrument :
BNA_M
ClientSampleId :
SLCS247

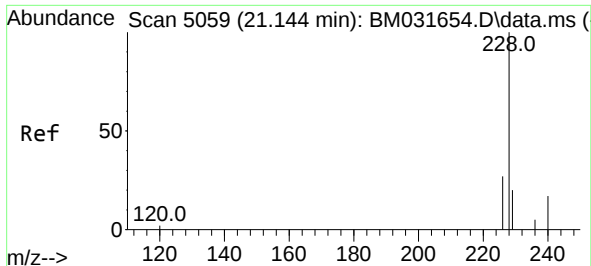
Tgt Ion:202 Resp: 4583
Ion Ratio Lower Upper
202 100
101 9.9 6.6 10.0
100 8.9 5.4 8.0#



#20
Pyrene
Concen: 0.322 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. 0.000 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

Tgt Ion:202 Resp: 4714
Ion Ratio Lower Upper
202 100
101 11.8 7.8 11.6#
100 11.0 6.6 10.0#

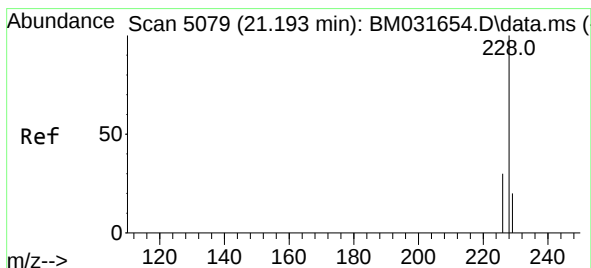
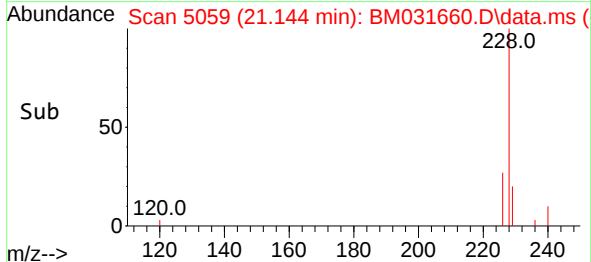
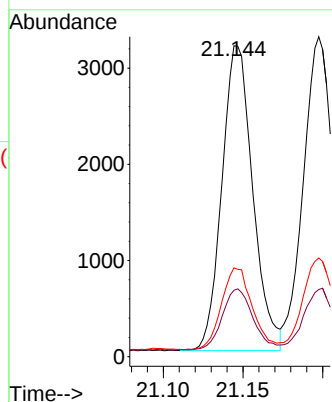
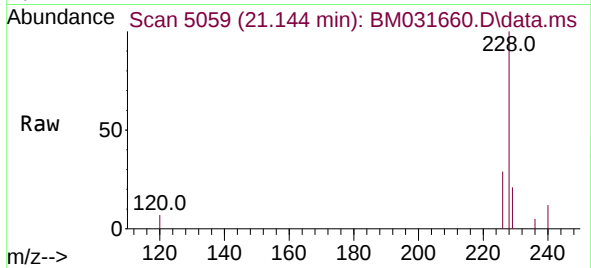




#21
Benzo(a)anthracene
Concen: 0.314 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. 0.000 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

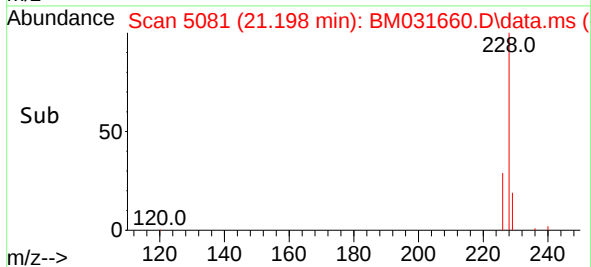
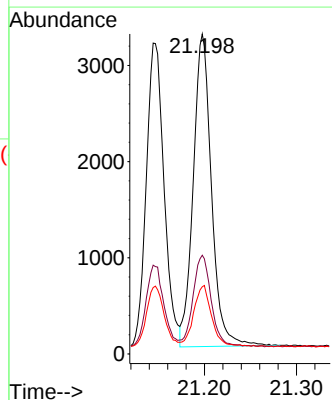
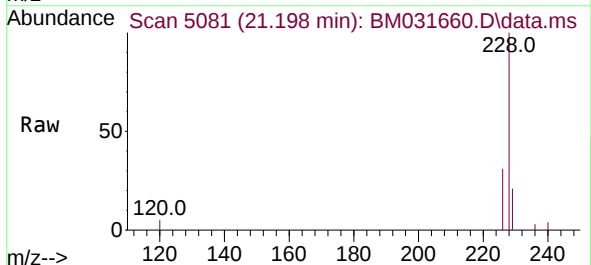
Instrument :
BNA_M
ClientSampleId :
SLCS247

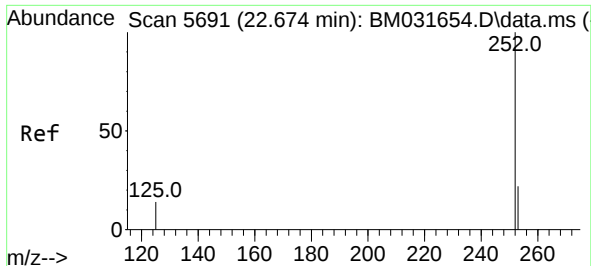
Tgt Ion:	228	Resp:	4276
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.6	23.4
226	28.6	21.7	32.5



#22
Chrysene
Concen: 0.317 ng/ul
RT: 21.198 min Scan# 5081
Delta R.T. 0.005 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

Tgt Ion:	228	Resp:	4476
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.7	37.1
229	21.0	16.2	24.2

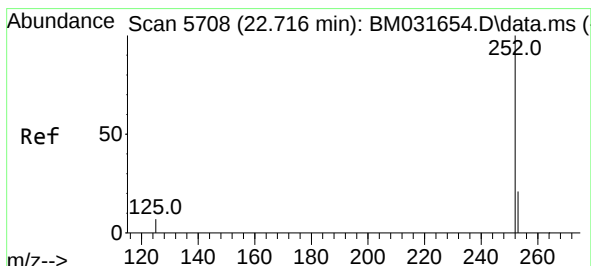
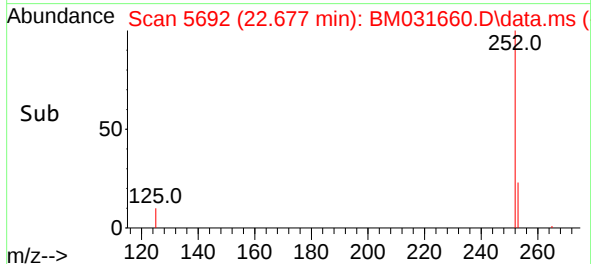
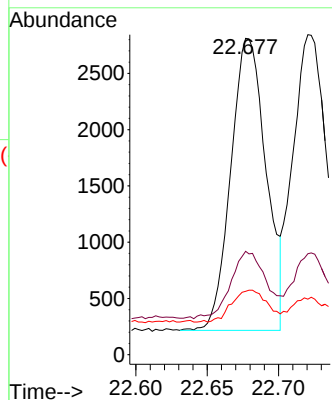
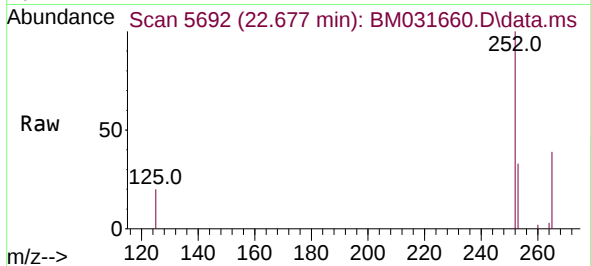




#24
Benzo(b)fluoranthene
Concen: 0.295 ng/ul
RT: 22.677 min Scan# 5692
Delta R.T. 0.003 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

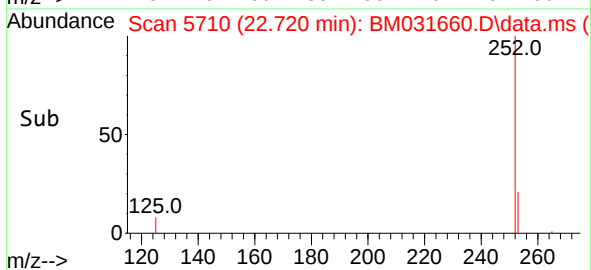
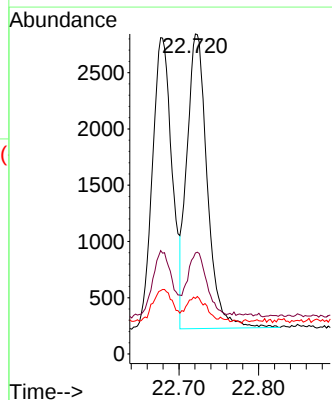
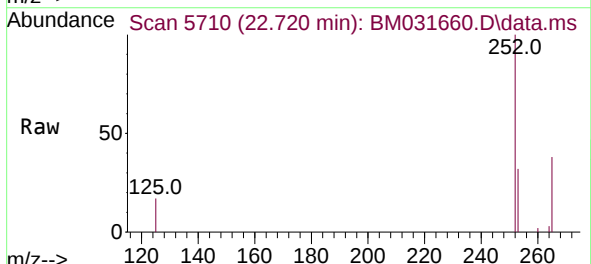
Instrument :
BNA_M
ClientSampleId :
SLCS247

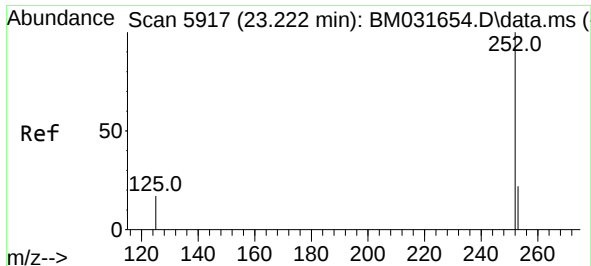
Tgt Ion:252	Resp:	4459
Ion Ratio	Lower	Upper
252	100	
253	32.7	0.0 53.0
125	20.1	0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.297 ng/ul
RT: 22.720 min Scan# 5710
Delta R.T. 0.005 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

Tgt Ion:252	Resp:	4649
Ion Ratio	Lower	Upper
252	100	
253	31.5	21.3 31.9
125	17.4	8.8 13.2#

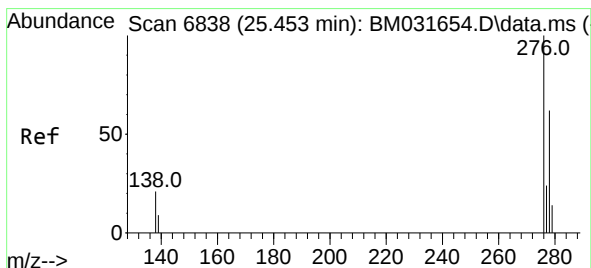
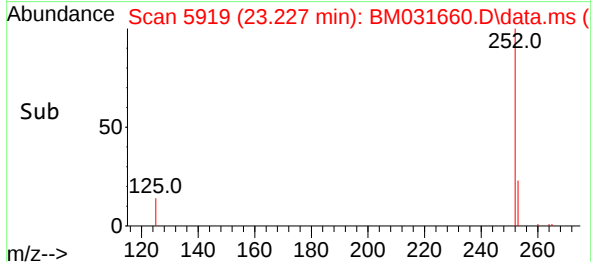
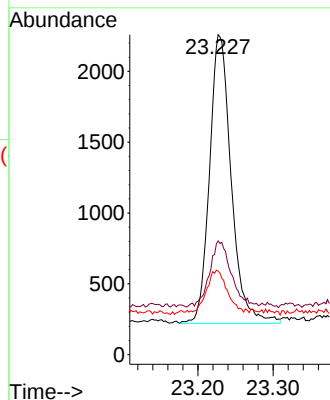
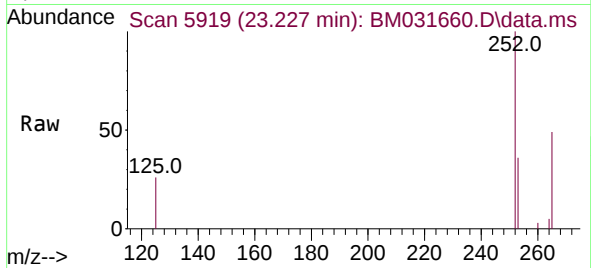




#26
Benzo(a)pyrene
Concen: 0.308 ng/ul
RT: 23.227 min Scan# 5919
Delta R.T. 0.005 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

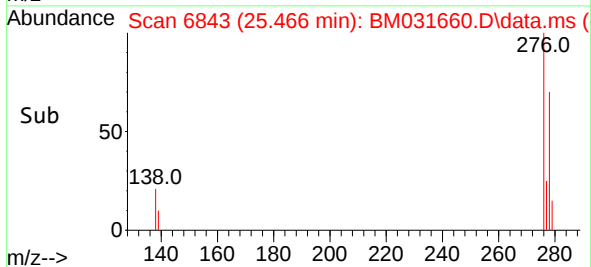
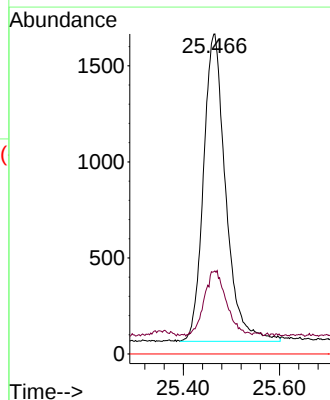
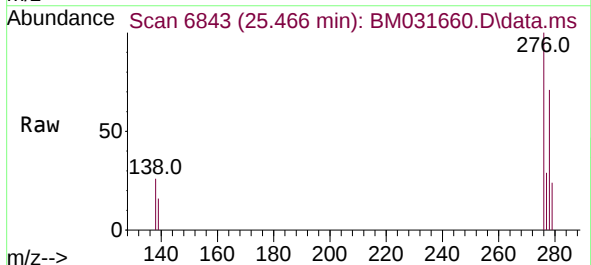
Instrument :
BNA_M
ClientSampleId :
SLCS247

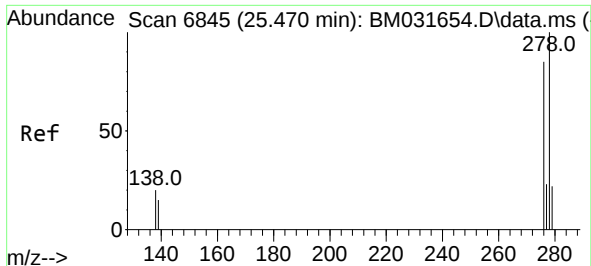
Tgt Ion:252	Resp:	4081
Ion Ratio	Lower	Upper
252	100	
253	35.5	22.4 33.6#
125	26.2	13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng/ul
RT: 25.466 min Scan# 6843
Delta R.T. 0.012 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

Tgt Ion:276	Resp:	5118
Ion Ratio	Lower	Upper
276	100	
138	21.6	15.8 23.8
227	0.0	0.0 0.0

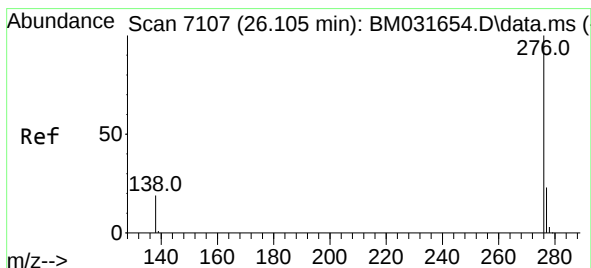
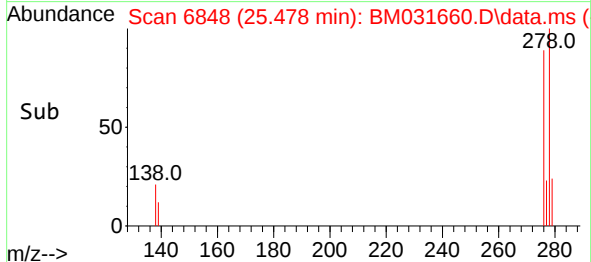
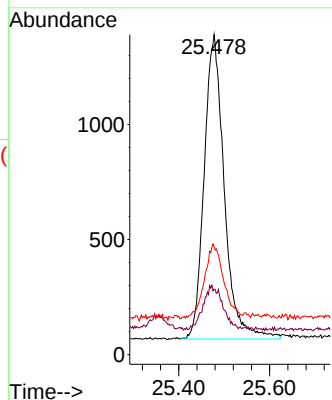
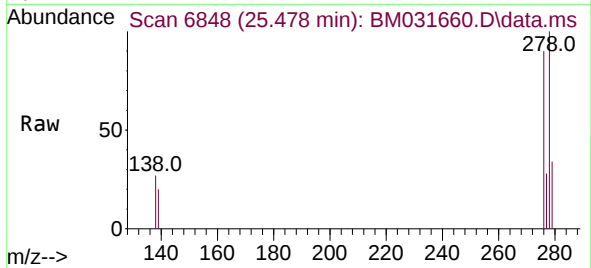




#28
Dibenzo(a,h)anthracene
Concen: 0.294 ng/ul
RT: 25.478 min Scan# 6848
Delta R.T. 0.007 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

Instrument :
BNA_M
ClientSampleId :
SLCS247

Tgt Ion:278 Resp: 4054
Ion Ratio Lower Upper
278 100
139 20.4 13.3 19.9#
279 33.7 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.304 ng/ul
RT: 26.110 min Scan# 7109
Delta R.T. 0.005 min
Lab File: BM031660.D
Acq: 11 Aug 2021 15:01

Tgt Ion:276 Resp: 4450
Ion Ratio Lower Upper
276 100
138 23.8 15.4 23.2#
277 28.1 19.9 29.9

