

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031576.D
 Acq On : 08 Aug 2021 07:28
 Operator : CG/JU
 Sample : PB138049BS
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS049

Quant Time: Aug 09 04:13:24 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 : Fri Aug 06 18:39:21 2021
 Response via : Initial Calibration

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

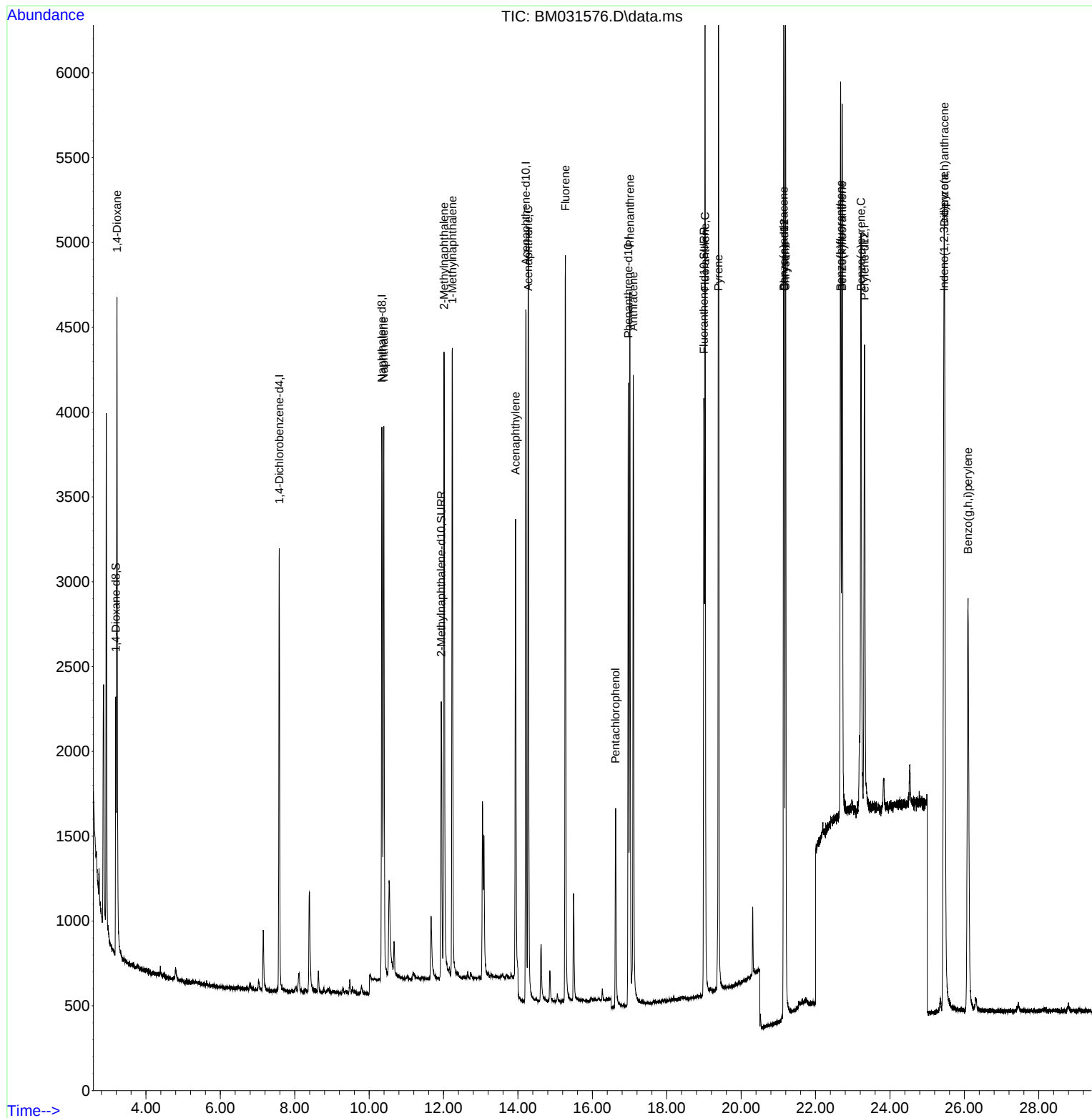
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.583	152	1306	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	4705	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.212	164	2484	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	4680	0.400	ng/ul	0.00
17) Chrysene-d12	21.159	240	3656	0.400	ng/ul	0.00
23) Perylene-d12	23.317	264	3560	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	874	0.603	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	2512	0.317	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	4312	0.353	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.220	88	2453	1.674	ng/ul#	77
5) Naphthalene	10.392	128	4528	0.323	ng/ul	100
7) 2-Methylnaphthalene	12.016	142	2947	0.308	ng/ul	99
8) 1-Methylnaphthalene	12.236	142	2729	0.288	ng/ul	100
10) Acenaphthylene	13.936	152	3638	0.344	ng/ul	100
11) Acenaphthene	14.277	153	2896	0.325	ng/ul	100
12) Fluorene	15.274	166	3128	0.305	ng/ul	99
14) Pentachlorophenol	16.624	266	877	0.585	ng/ul	99
15) Phenanthrene	17.010	178	4761	0.320	ng/ul	99
16) Anthracene	17.100	178	4516	0.325	ng/ul	98
19) Fluoranthene	19.028	202	5424	0.347	ng/ul#	96
20) Pyrene	19.390	202	5541	0.350	ng/ul#	96
21) Benzo(a)anthracene	21.142	228	5075	0.344	ng/ul	97
22) Chrysene	21.193	228	5403	0.354	ng/ul	99
24) Benzo(b)fluoranthene	22.672	252	5405	0.337	ng/ul	95
25) Benzo(k)fluoranthene	22.716	252	5580	0.337	ng/ul	96
26) Benzo(a)pyrene	23.222	252	4814	0.343	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.454	276	6053	0.333	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.468	278	4763	0.325	ng/ul	98
29) Benzo(g,h,i)perylene	26.098	276	5329	0.344	ng/ul	96

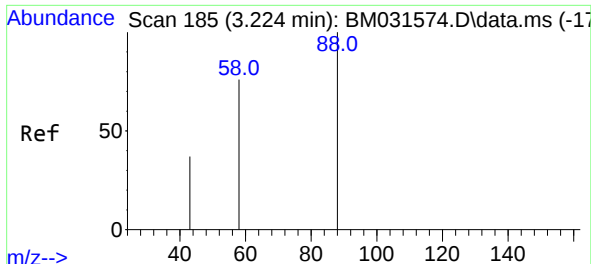
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031576.D
Acq On : 08 Aug 2021 07:28
Operator : CG/JU
Sample : PB138049BS
Misc :
ALS Vial : 102 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS049

Quant Time: Aug 09 04:13:24 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 : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

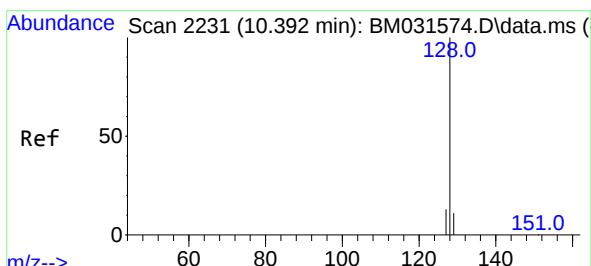
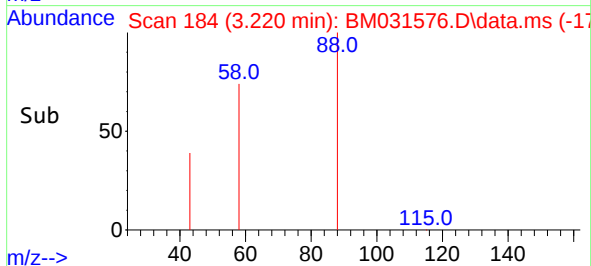
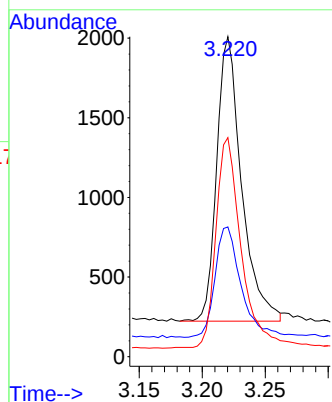
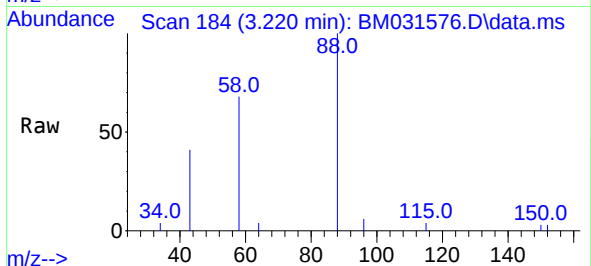




#2
1,4-Dioxane
Concen: 1.674 ng/ul
RT: 3.220 min Scan# 184
Delta R.T. -0.007 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

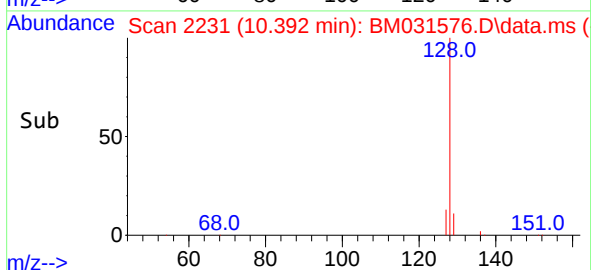
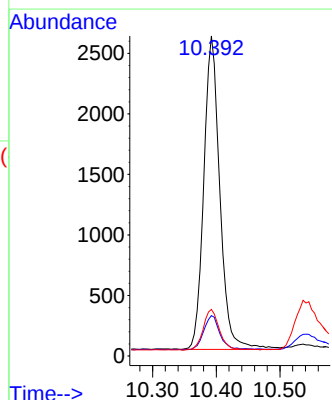
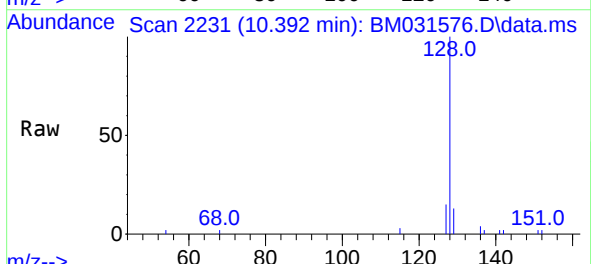
Instrument :
BNA_M
ClientSampled :
SLCS049

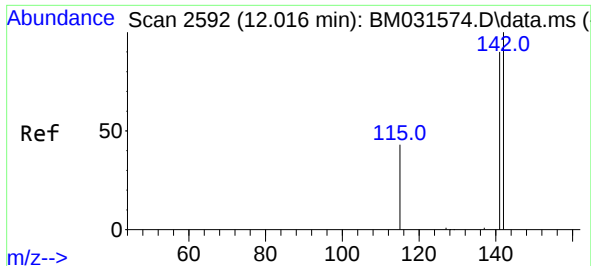
Tgt Ion: 88 Resp: 2453
Ion Ratio Lower Upper
88 100
43 40.6 29.7 44.5
58 68.4 35.6 53.4#



#5
Naphthalene
Concen: 0.323 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. -0.003 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

Tgt Ion: 128 Resp: 4528
Ion Ratio Lower Upper
128 100
129 12.6 10.0 15.0
127 14.6 11.6 17.4

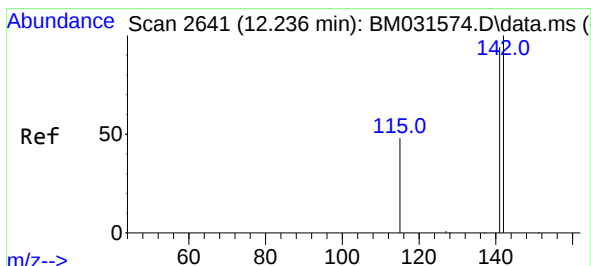
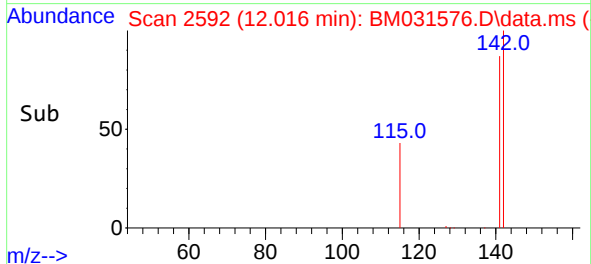
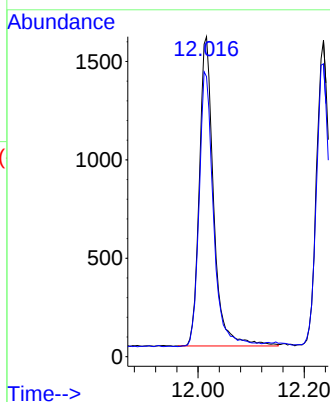
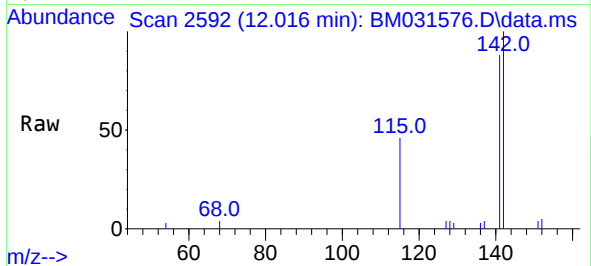




#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.003 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

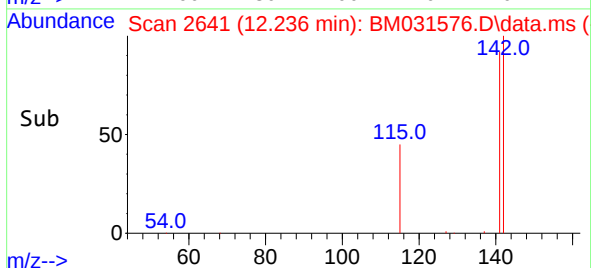
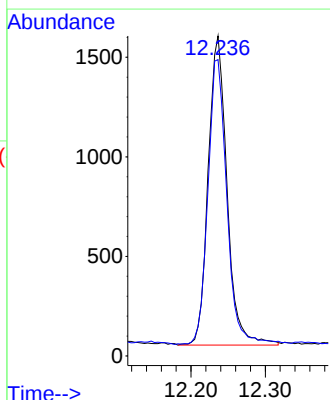
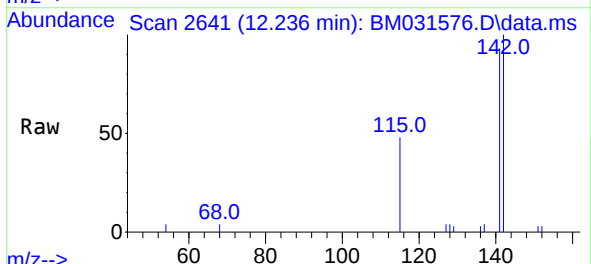
Instrument :
BNA_M
ClientSampled :
SLCS049

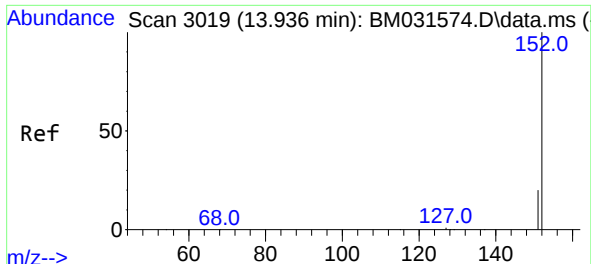
Tgt Ion:142 Resp: 2947
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.288 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.003 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

Tgt Ion:142 Resp: 2729
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1

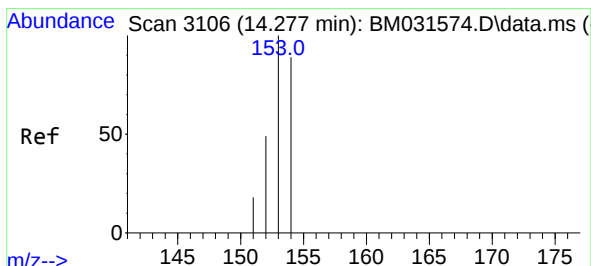
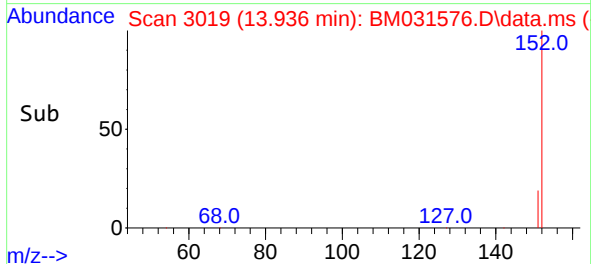
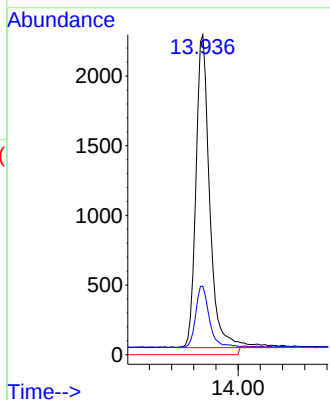
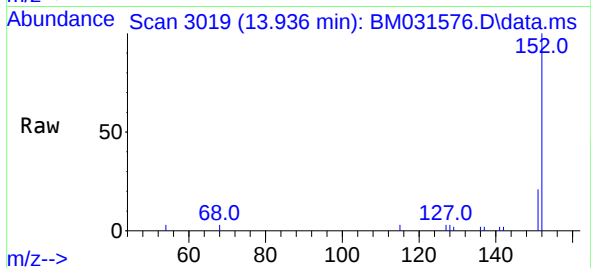




#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.003 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

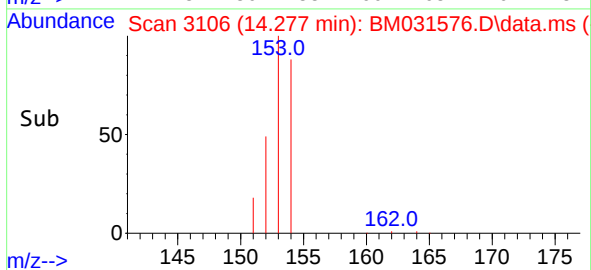
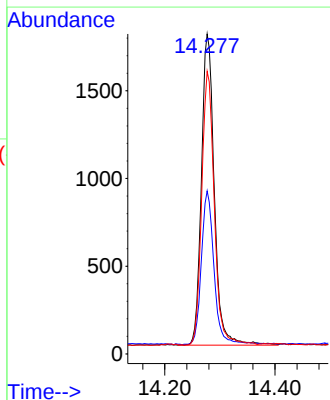
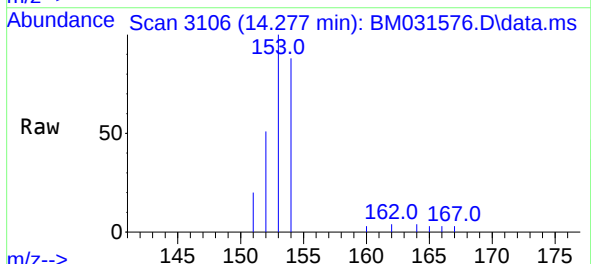
Instrument :
BNA_M
ClientSampleId :
SLCS049

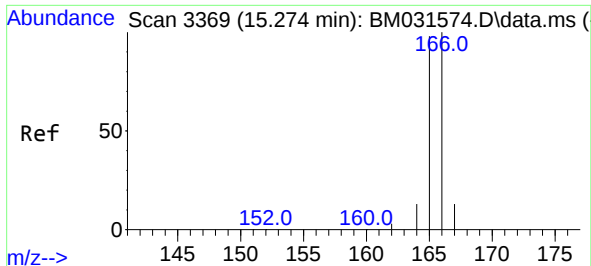
Tgt Ion:152 Resp: 3638
Ion Ratio Lower Upper
152 100
151 21.3 16.9 25.3
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.277 min Scan# 3106
Delta R.T. -0.007 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

Tgt Ion:153 Resp: 2896
Ion Ratio Lower Upper
153 100
152 50.9 40.7 61.1
154 88.3 70.2 105.2

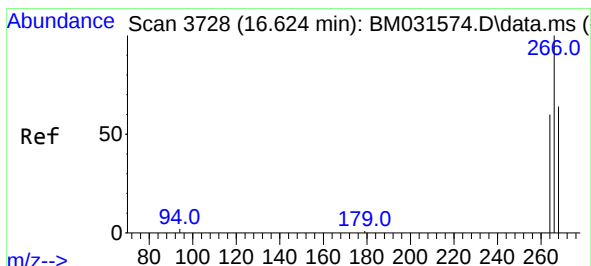
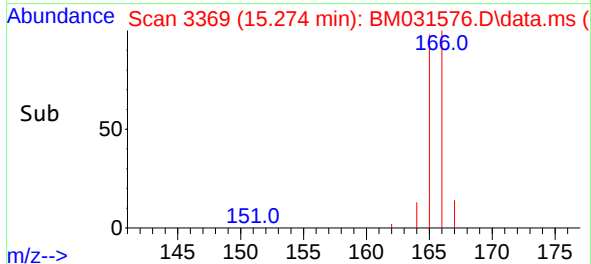
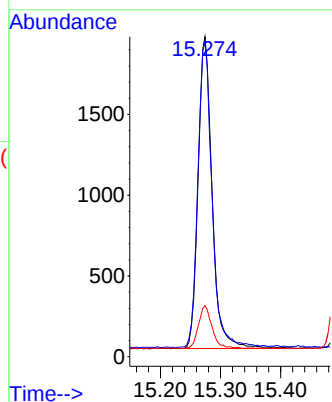
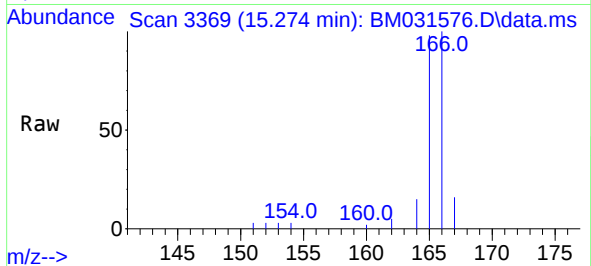




#12
Fluorene
Concen: 0.305 ng/ul
RT: 15.274 min Scan# 3369
Delta R.T. 0.000 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

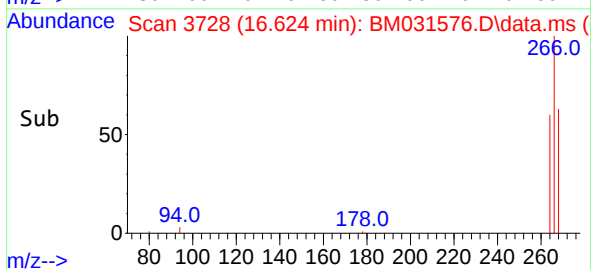
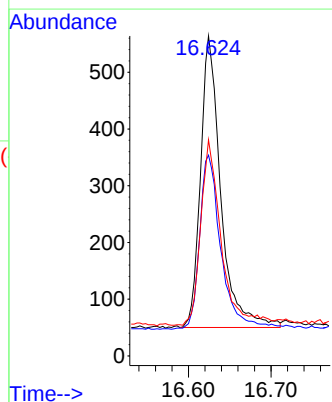
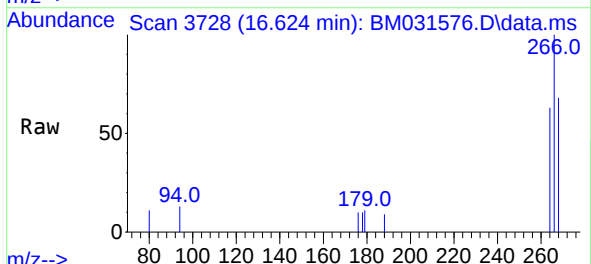
Instrument :
BNA_M
ClientSampleId :
SLCS049

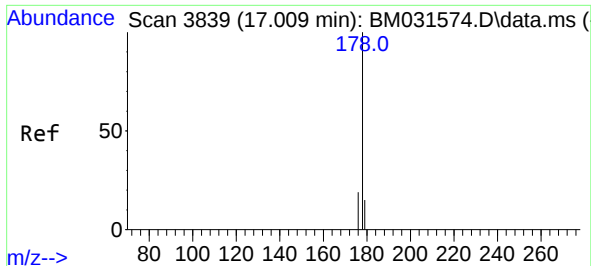
Tgt Ion:166 Resp: 3128
Ion Ratio Lower Upper
166 100
165 98.2 78.0 117.0
167 16.0 12.0 18.0



#14
Pentachlorophenol
Concen: 0.585 ng/ul
RT: 16.624 min Scan# 3728
Delta R.T. -0.003 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

Tgt Ion:266 Resp: 877
Ion Ratio Lower Upper
266 100
264 63.7 50.1 75.1
268 64.1 51.3 76.9

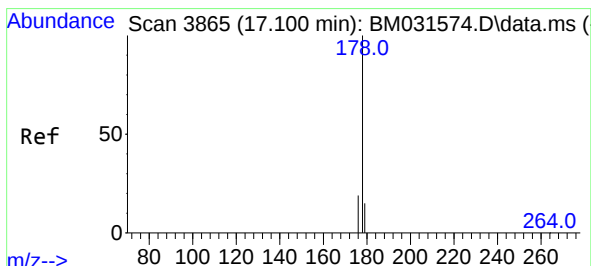
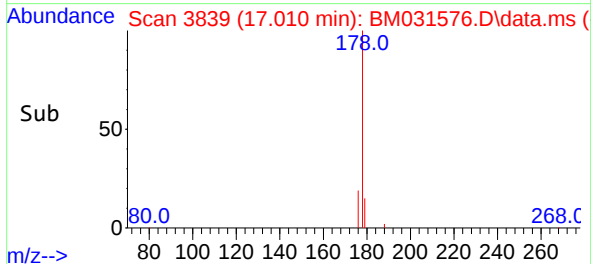
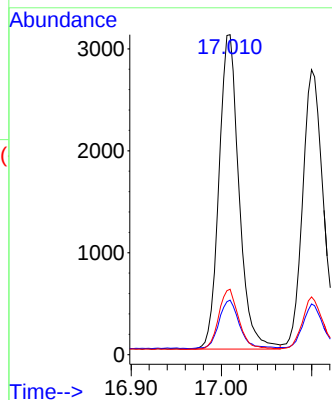
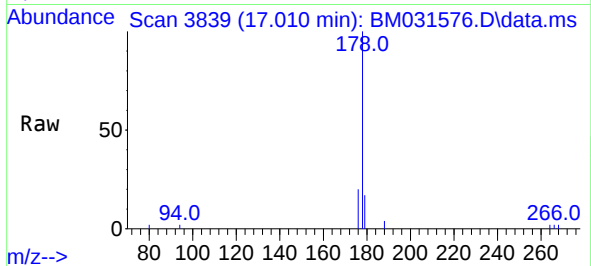




#15
Phenanthrene
Concen: 0.320 ng/ul
RT: 17.010 min Scan# 3839
Delta R.T. -0.003 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

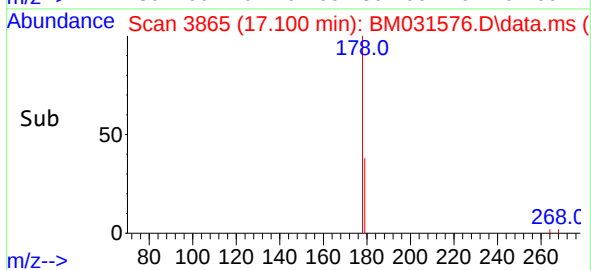
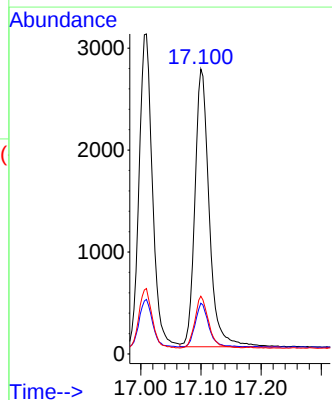
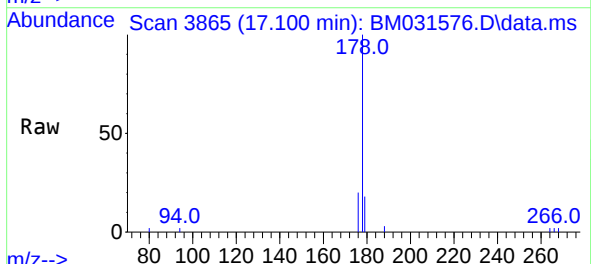
Instrument :
BNA_M
ClientSampleId :
SLCS049

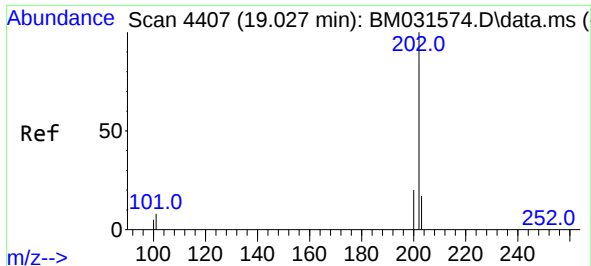
Tgt Ion:	178	Resp:	4761
Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.3	19.9
176	20.5	16.2	24.4



#16
Anthracene
Concen: 0.325 ng/ul
RT: 17.100 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

Tgt Ion:	178	Resp:	4516
Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.0	19.6
176	20.3	15.6	23.4

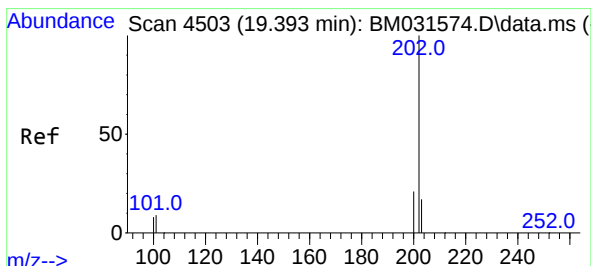
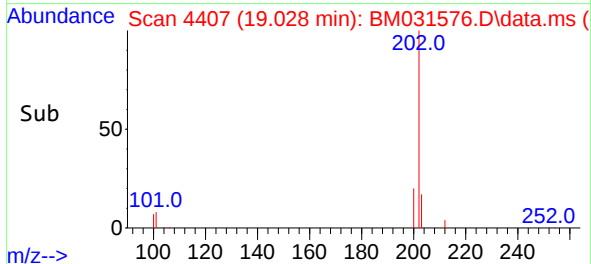
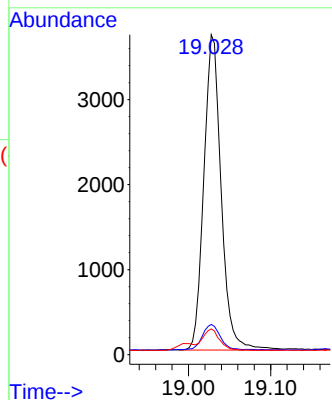
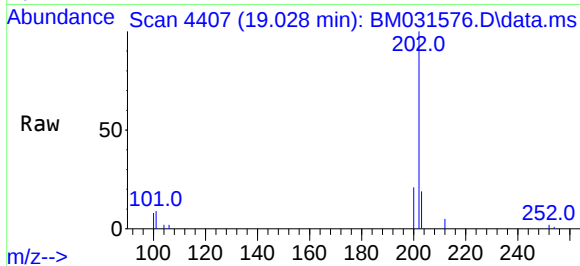




#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 19.028 min Scan# 4407
Delta R.T. -0.003 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

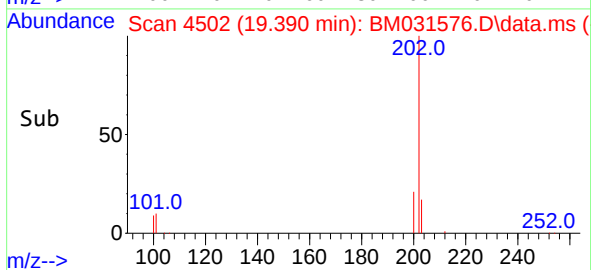
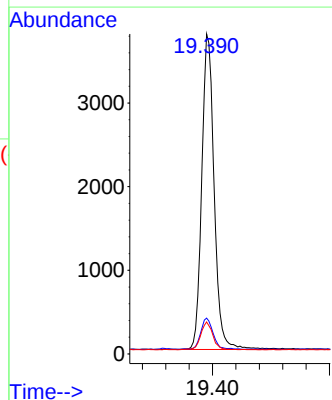
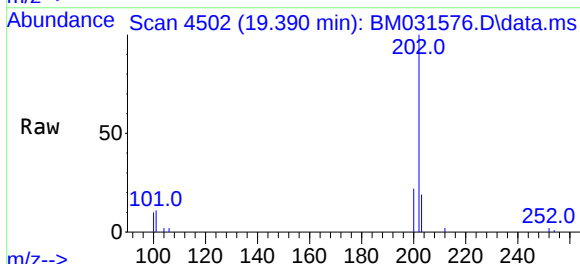
Instrument :
BNA_M
ClientSampleId :
SLCS049

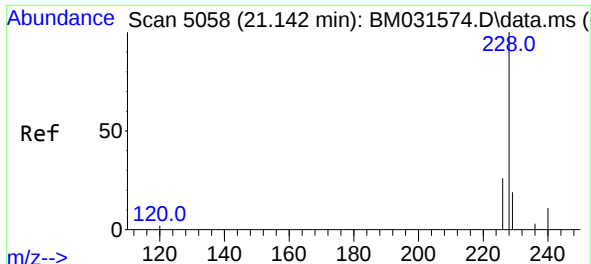
Tgt Ion:202 Resp: 5424
Ion Ratio Lower Upper
202 100
101 9.5 6.6 10.0
100 8.0 5.4 8.0#



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.007 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

Tgt Ion:202 Resp: 5541
Ion Ratio Lower Upper
202 100
101 11.2 7.8 11.6
100 10.0 6.6 10.0#

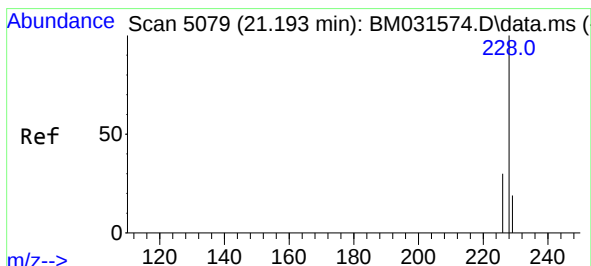
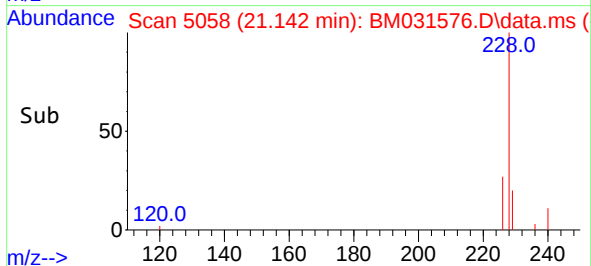
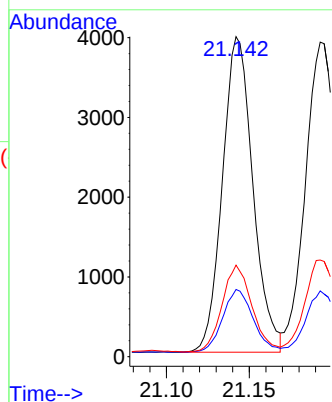
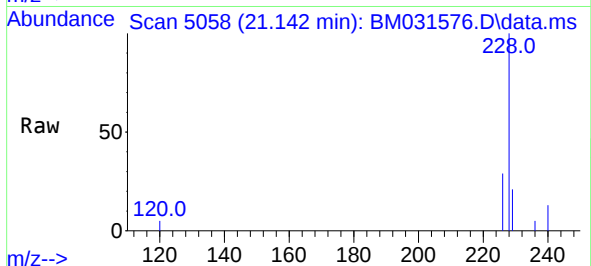




#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.009 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

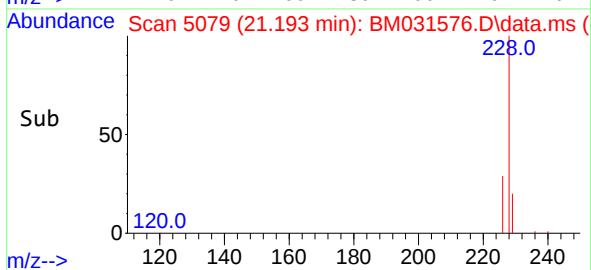
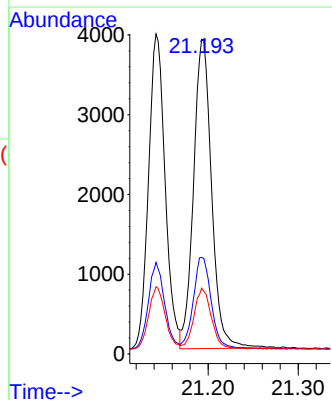
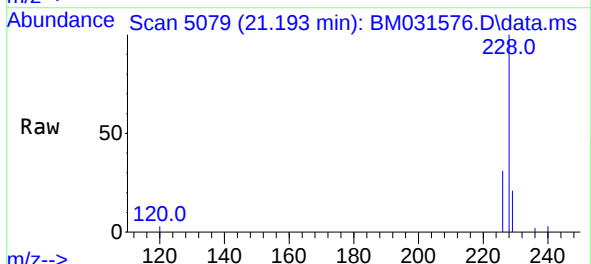
Instrument :
BNA_M
ClientSampleId :
SLCS049

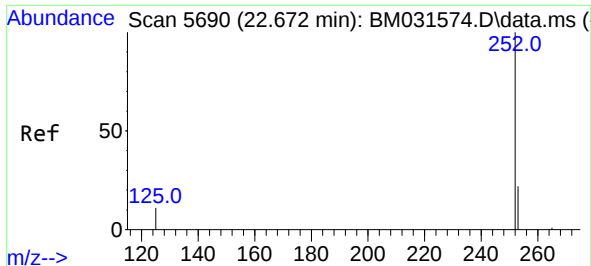
Tgt Ion:228	Resp:	5075
Ion Ratio	Lower	Upper
228	100	
229	21.0	15.6 23.4
226	28.6	21.7 32.5



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.007 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

Tgt Ion:228	Resp:	5403
Ion Ratio	Lower	Upper
228	100	
226	30.7	24.7 37.1
229	20.9	16.2 24.2

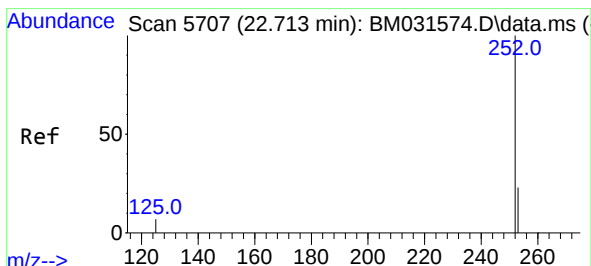
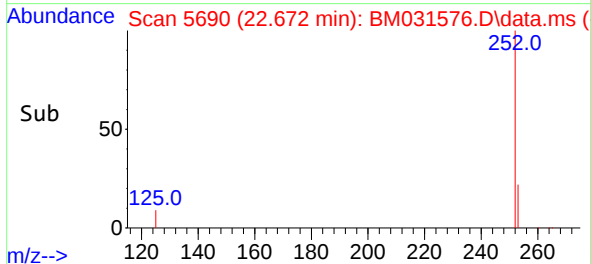
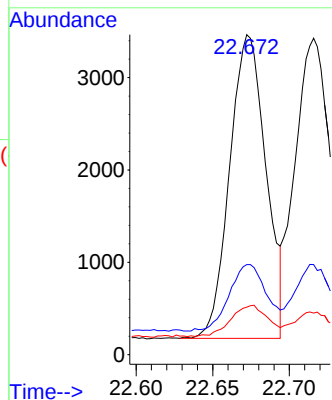
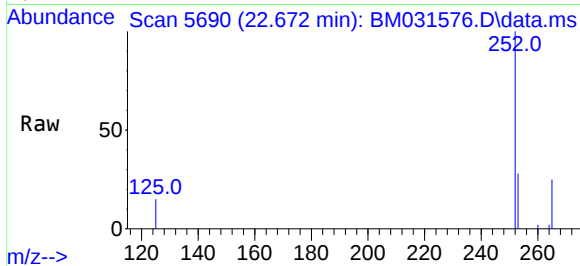




#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 22.672 min Scan# 5690
Delta R.T. -0.009 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

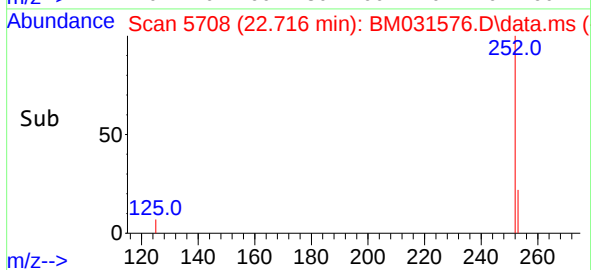
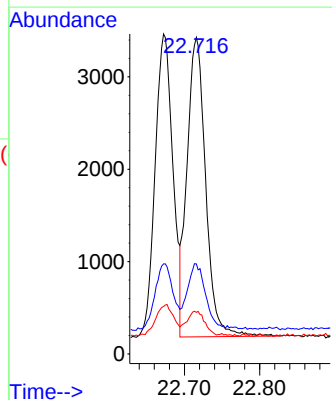
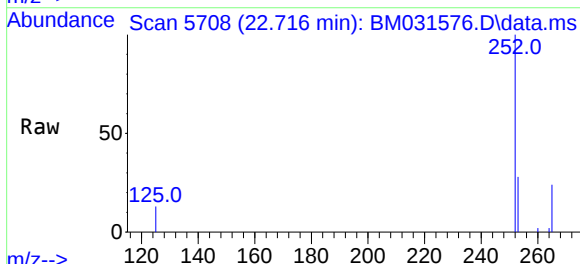
Instrument :
BNA_M
ClientSampleId :
SLCS049

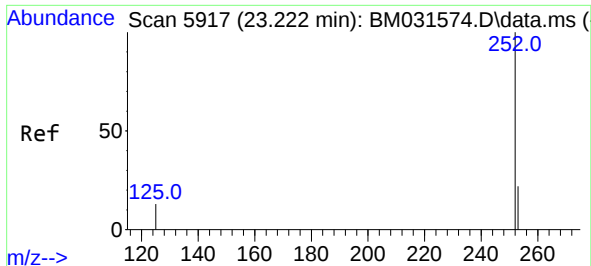
Tgt Ion:	252	Resp:	5405
Ion	Ratio	Lower	Upper
252	100		
253	28.1	0.0	53.0
125	14.9	0.0	22.8



#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul
RT: 22.716 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

Tgt Ion:	252	Resp:	5580
Ion	Ratio	Lower	Upper
252	100		
253	28.5	21.3	31.9
125	13.1	8.8	13.2

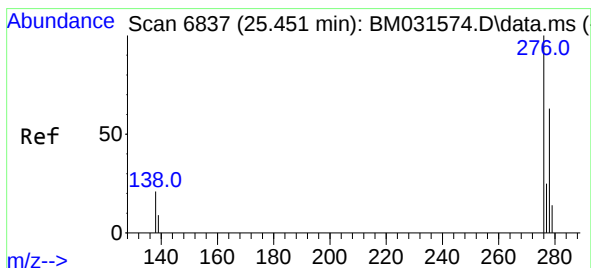
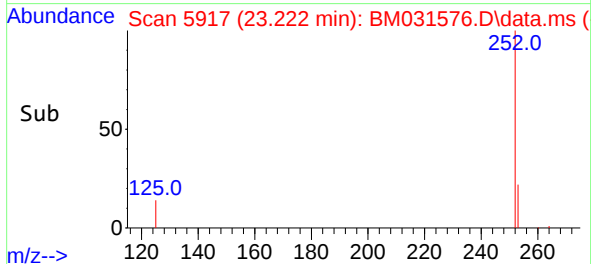
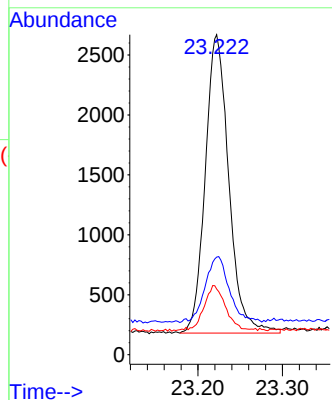
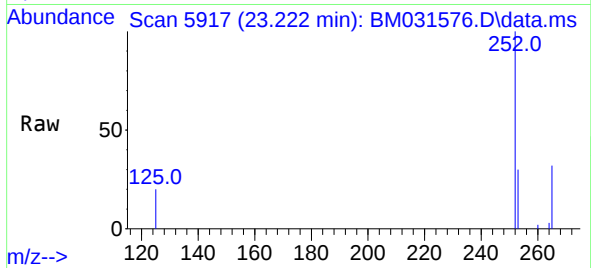




#26
Benzo(a)pyrene
Concen: 0.343 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.009 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

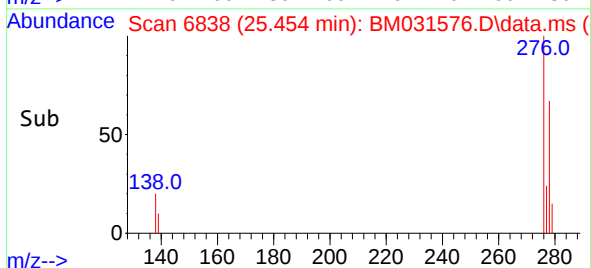
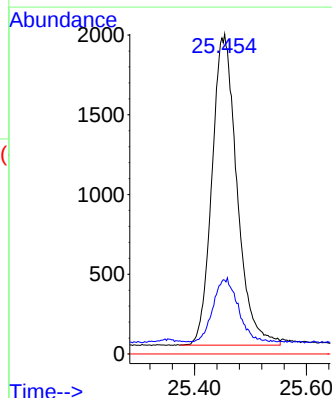
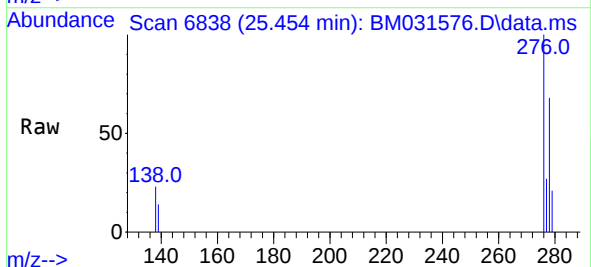
Instrument :
BNA_M
ClientSampleId :
SLCS049

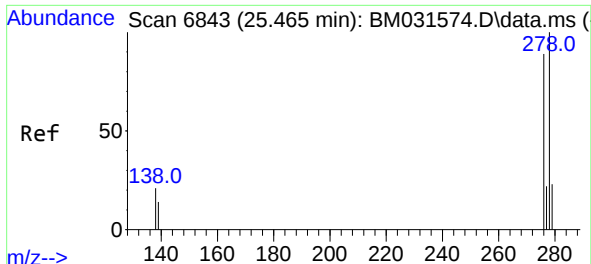
Tgt Ion:	252	Resp:	4814
Ion Ratio	Lower	Upper	
252	100		
253	30.5	22.4	33.6
125	20.5	13.0	19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 25.454 min Scan# 6838
Delta R.T. -0.009 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

Tgt Ion:	276	Resp:	6053
Ion Ratio	Lower	Upper	
276	100		
138	20.3	15.8	23.8
227	0.0	0.0	0.0

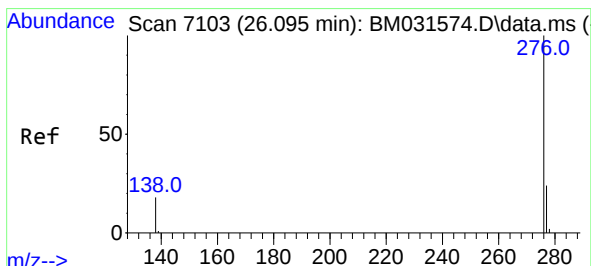
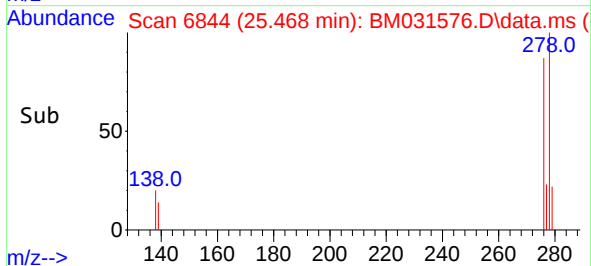
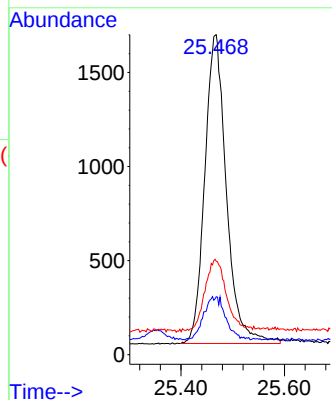
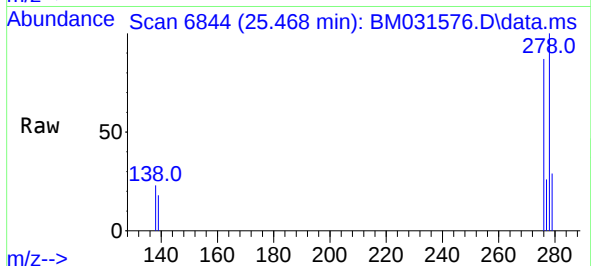




#28
Dibenzo(a,h)anthracene
Concen: 0.325 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. -0.007 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

Instrument :
BNA_M
ClientSampled :
SLCS049

Tgt Ion:278 Resp: 4763
Ion Ratio Lower Upper
278 100
139 18.1 13.3 19.9
279 29.2 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.344 ng/ul
RT: 26.098 min Scan# 7104
Delta R.T. -0.017 min
Lab File: BM031576.D
Acq: 08 Aug 2021 07:28

Tgt Ion:276 Resp: 5329
Ion Ratio Lower Upper
276 100
138 21.7 15.4 23.2
277 26.6 19.9 29.9

