

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101421\
 Data File : BM032513.D
 Acq On : 14 Oct 2021 19:40
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV042

Quant Time: Oct 15 00:46:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 19:35:45 2021
 Response via : Initial Calibration

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

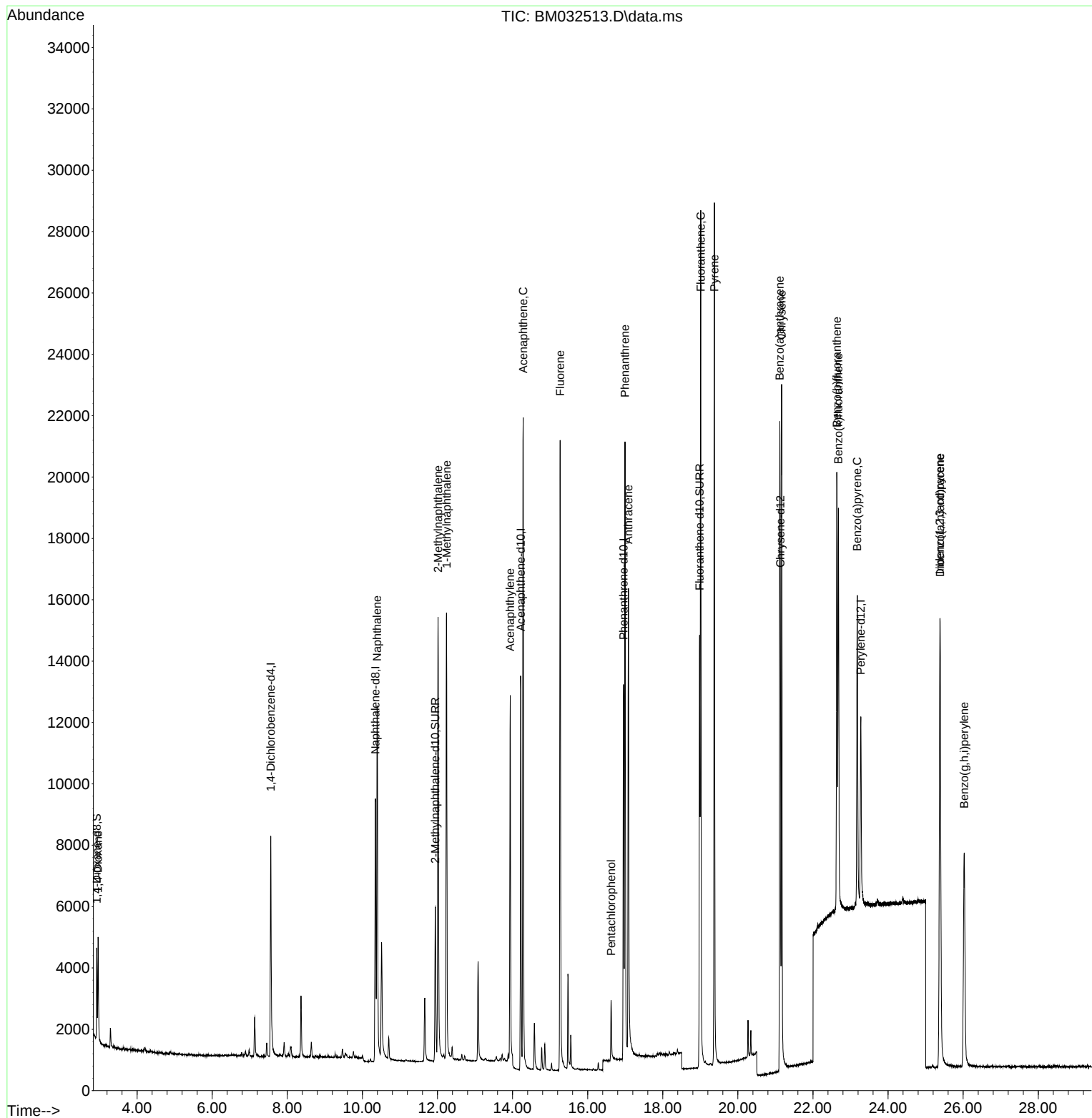
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	3980	0.400	ng/ul	0.00
4) Naphthalene-d8	10.348	136	12298	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.217	164	6850	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	14032	0.400	ng/ul	0.00
17) Chrysene-d12	21.133	240	9952	0.400	ng/ul	0.00
23) Perylene-d12	23.273	264	7743	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.927	96	1758	0.394	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	7259	0.442	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	14753	0.471	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.962	88	2152	0.438	ng/ul	93
5) Naphthalene	10.393	128	16692	0.448	ng/ul	99
7) 2-Methylnaphthalene	12.017	142	11104	0.455	ng/ul	100
8) 1-Methylnaphthalene	12.242	142	10339	0.429	ng/ul	99
10) Acenaphthylene	13.937	152	13325	0.456	ng/ul	99
11) Acenaphthene	14.281	153	12054	0.452	ng/ul	99
12) Fluorene	15.267	166	13439	0.447	ng/ul	100
14) Pentachlorophenol	16.623	266	1358	0.376	ng/ul	98
15) Phenanthrene	16.995	178	20800	0.441	ng/ul	99
16) Anthracene	17.085	178	17739	0.428	ng/ul	100
19) Fluoranthene	19.011	202	22814	0.463	ng/ul	99
20) Pyrene	19.374	202	23274	0.460	ng/ul	99
21) Benzo(a)anthracene	21.116	228	16290	0.419	ng/ul	100
22) Chrysene	21.167	228	18814	0.440	ng/ul	99
24) Benzo(b)fluoranthene	22.636	252	16650	0.465	ng/ul	98
25) Benzo(k)fluoranthene	22.677	252	16424	0.461	ng/ul	98
26) Benzo(a)pyrene	23.179	252	14499	0.484	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.381	276	15257	0.416	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.386	278	12085	0.418	ng/ul	98
29) Benzo(g,h,i)perylene	26.028	276	13522	0.423	ng/ul	99

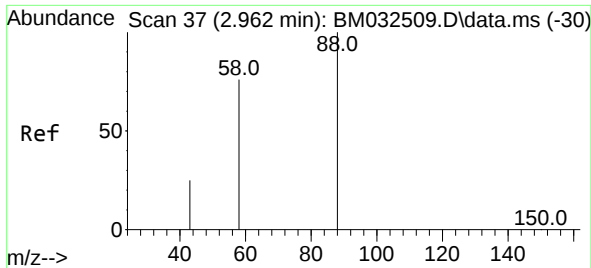
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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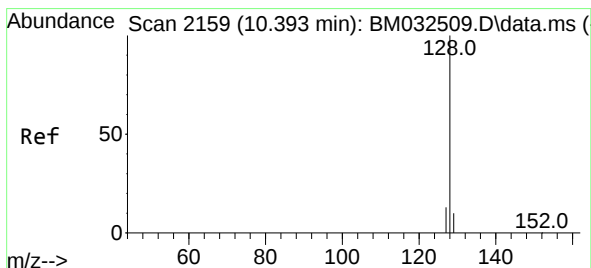
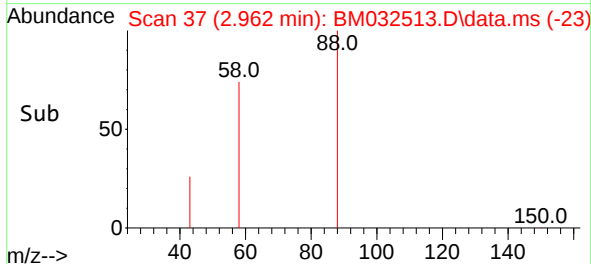
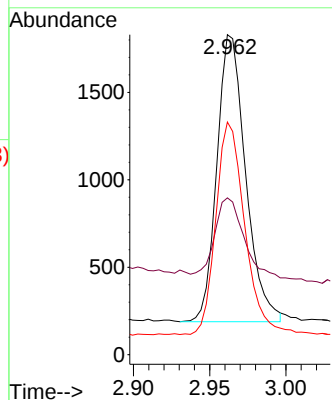
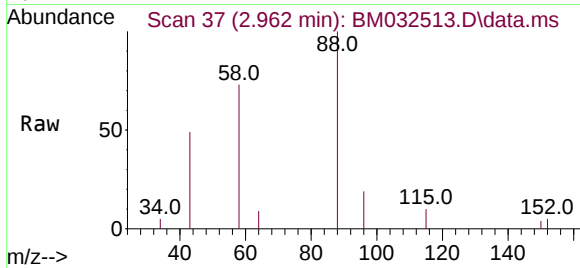




#2
1,4-Dioxane
Concen: 0.438 ng/ul
RT: 2.962 min Scan# 37
Delta R.T. -0.000 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

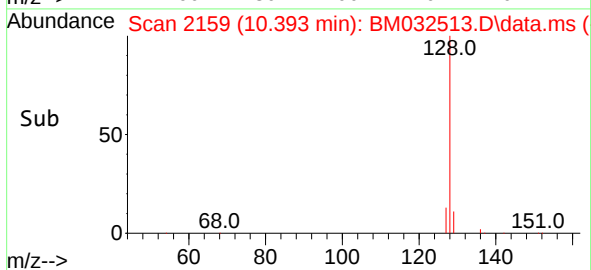
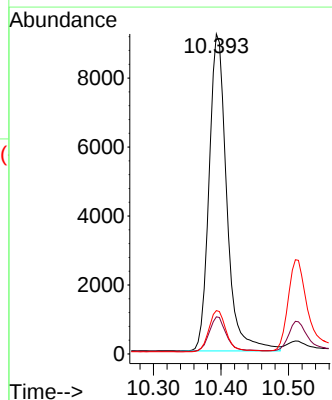
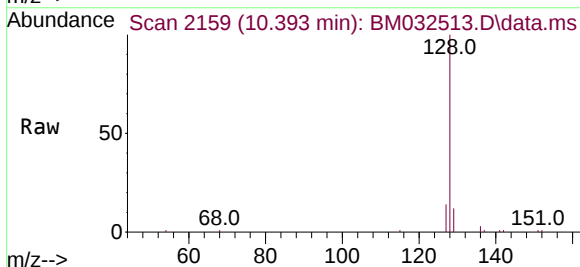
Instrument :
BNA_M
ClientSampleId :
SICV042

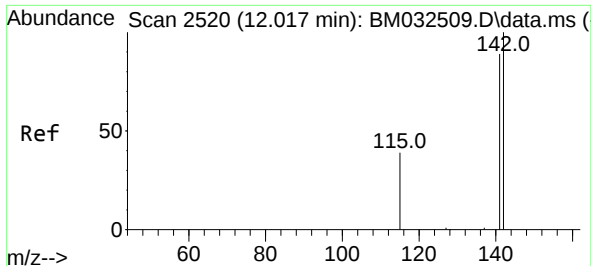
Tgt Ion:	88	Resp:	2152
Ion	Ratio	Lower	Upper
88	100		
43	49.0	46.6	69.8
58	72.7	60.7	91.1



#5
Naphthalene
Concen: 0.448 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

Tgt Ion:	128	Resp:	16692
Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.6	11.1	16.7

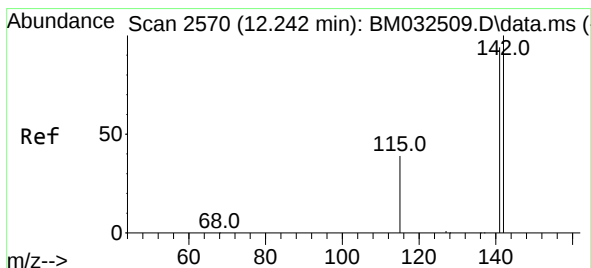
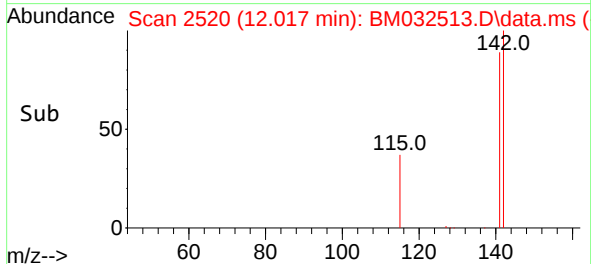
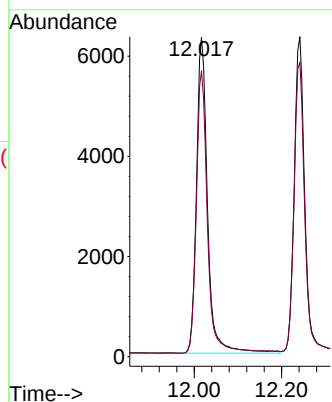
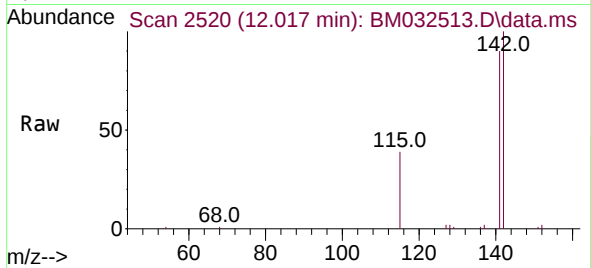




#7
2-Methylnaphthalene
Concen: 0.455 ng/ul
RT: 12.017 min Scan# 2520
Delta R.T. -0.000 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

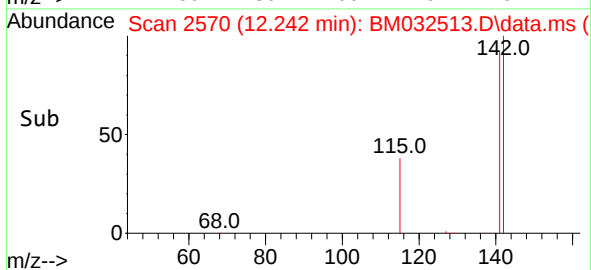
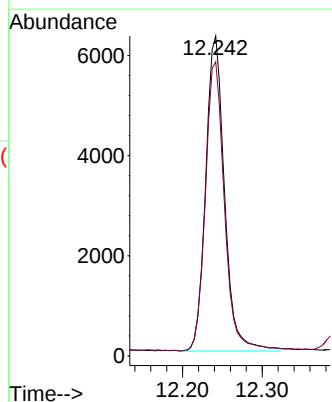
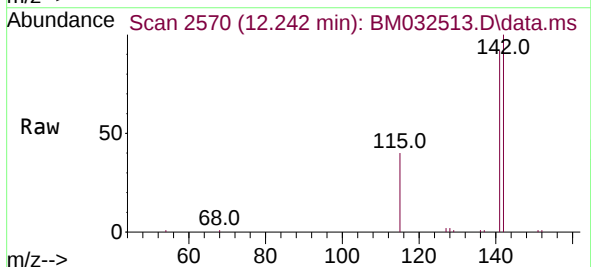
Instrument :
BNA_M
ClientSampled :
SICV042

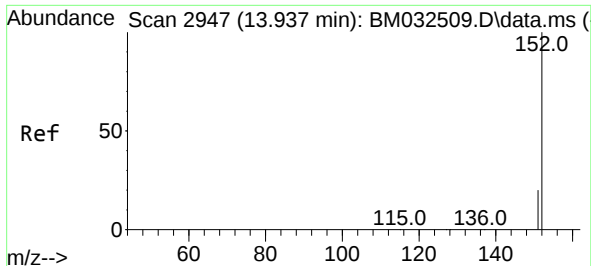
Tgt Ion:142 Resp: 11104
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.242 min Scan# 2570
Delta R.T. -0.000 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

Tgt Ion:142 Resp: 10339
Ion Ratio Lower Upper
142 100
141 93.0 74.9 112.3

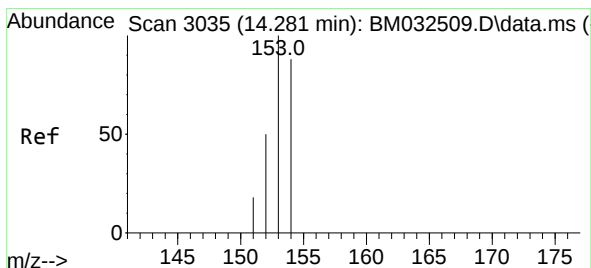
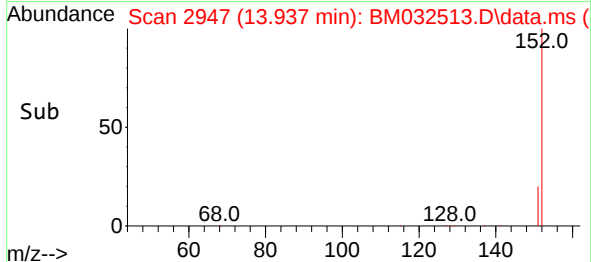
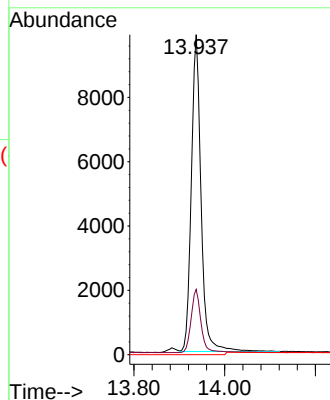
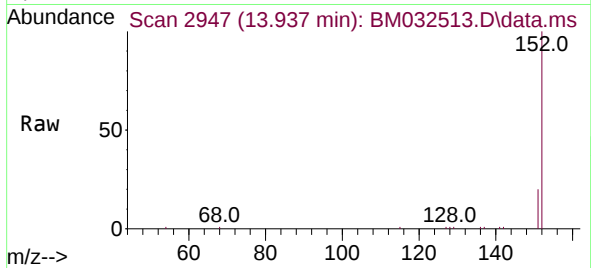




#10
Acenaphthylene
Concen: 0.456 ng/ul
RT: 13.937 min Scan# 2947
Delta R.T. -0.000 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

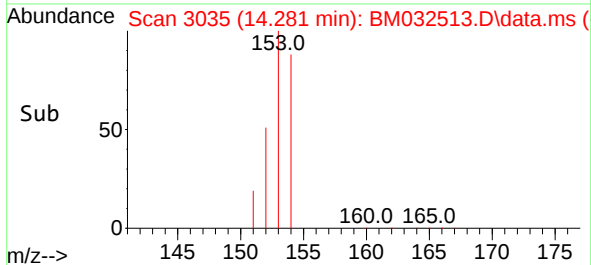
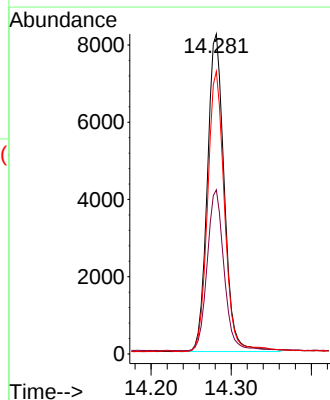
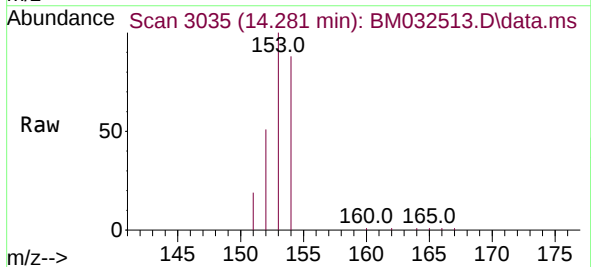
Instrument :
BNA_M
ClientSampleId :
SICV042

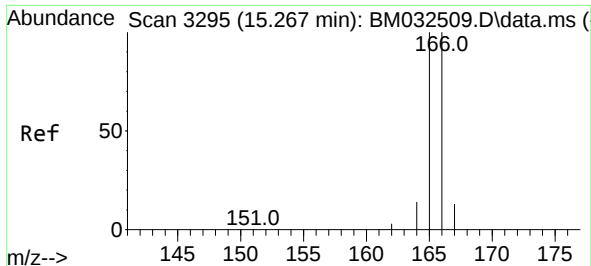
Tgt Ion:152 Resp: 13325
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.452 ng/ul
RT: 14.281 min Scan# 3035
Delta R.T. -0.000 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

Tgt Ion:153 Resp: 12054
Ion Ratio Lower Upper
153 100
152 51.3 40.4 60.6
154 88.3 70.8 106.2

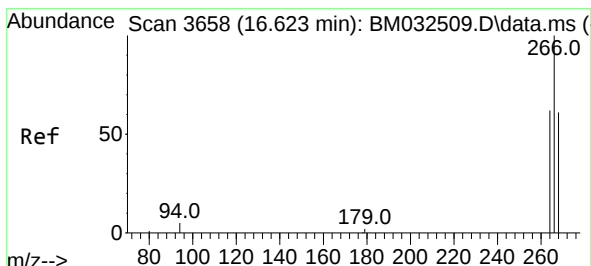
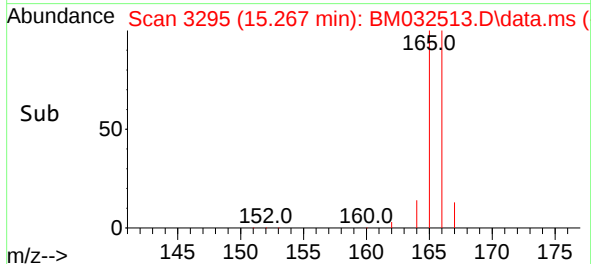
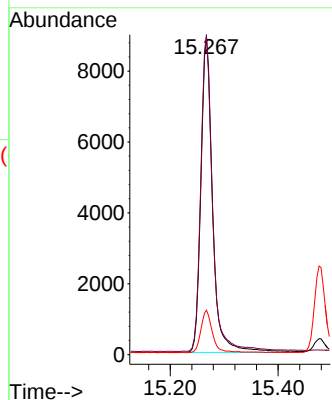
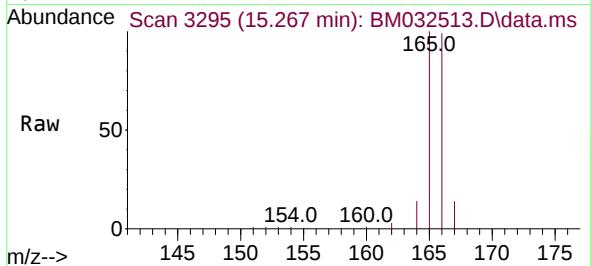




#12
Fluorene
Concen: 0.447 ng/ul
RT: 15.267 min Scan# 3295
Delta R.T. -0.000 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

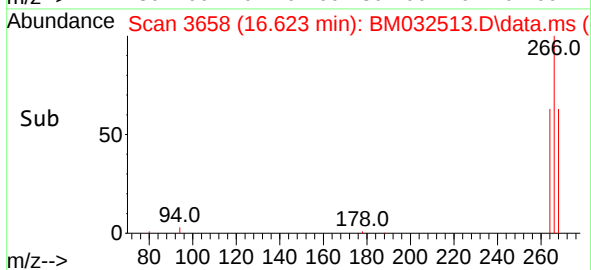
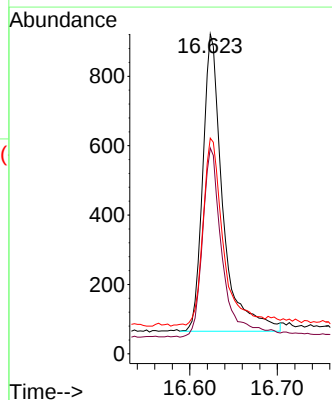
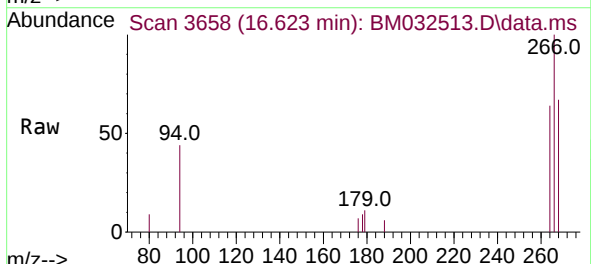
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ClientSampleId :
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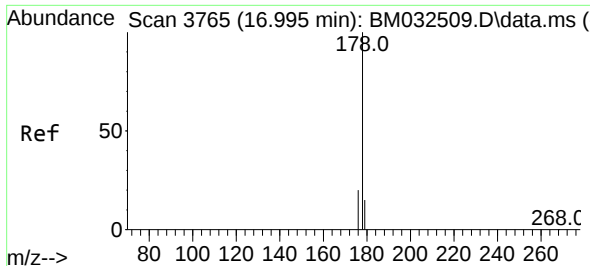
Tgt Ion:	166	Resp:	13439
Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.7	121.1
167	14.0	11.2	16.8



#14
Pentachlorophenol
Concen: 0.376 ng/ul
RT: 16.623 min Scan# 3658
Delta R.T. -0.000 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

Tgt Ion:	266	Resp:	1358
Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.8	76.2
268	66.3	50.2	75.2

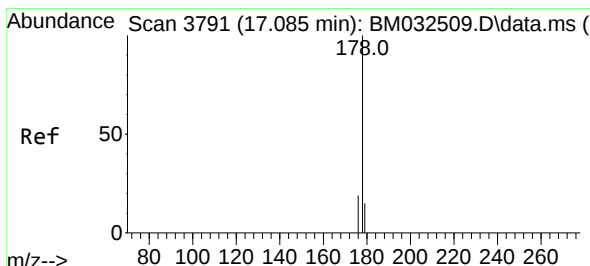
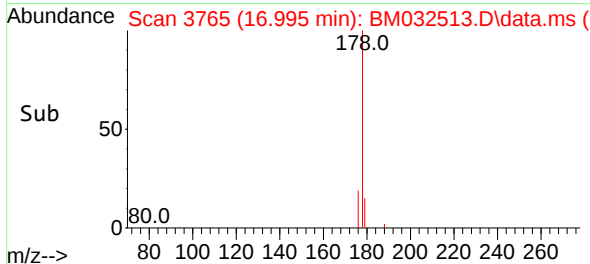
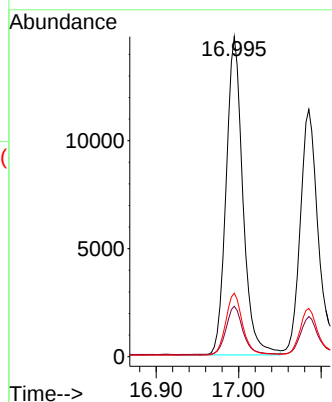
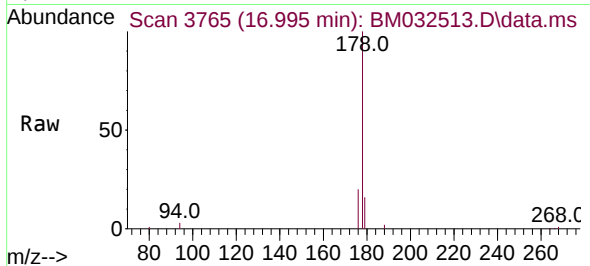




#15
Phenanthrene
Concen: 0.441 ng/ul
RT: 16.995 min Scan# 3765
Delta R.T. -0.000 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

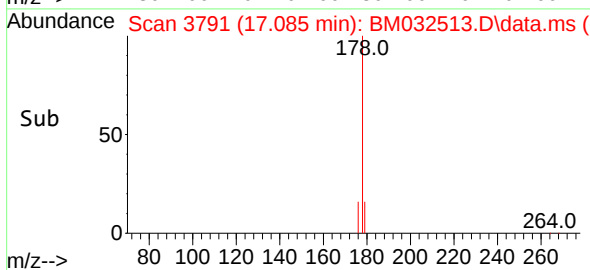
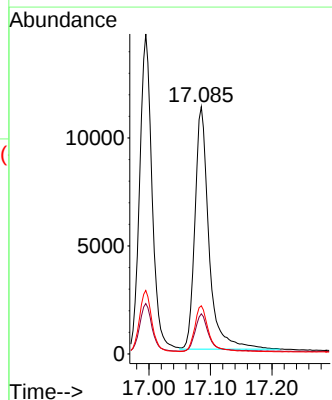
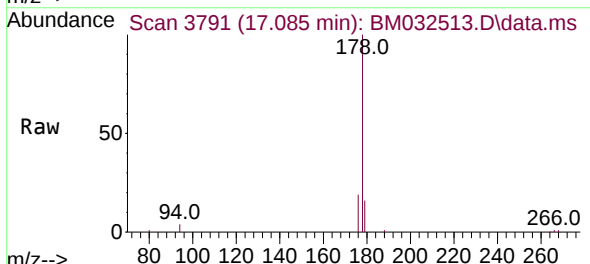
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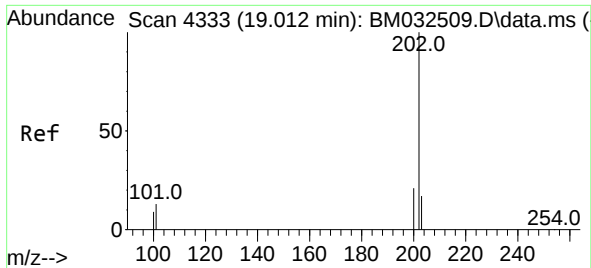
Tgt Ion:178 Resp: 20800
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.9 16.1 24.1



#16
Anthracene
Concen: 0.428 ng/ul
RT: 17.085 min Scan# 3791
Delta R.T. -0.000 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

Tgt Ion:178 Resp: 17739
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.5 15.8 23.6

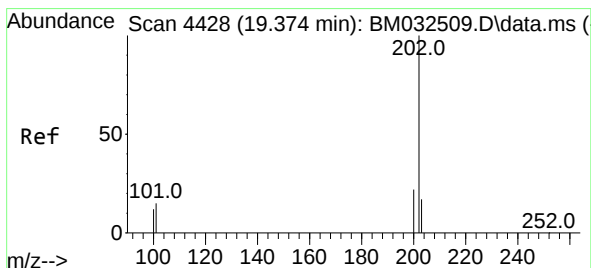
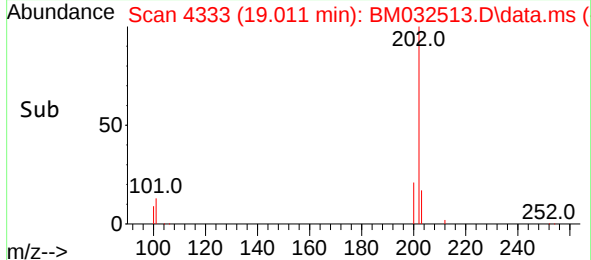
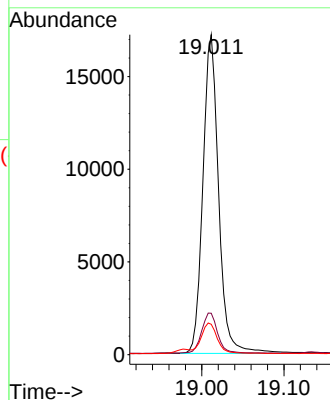
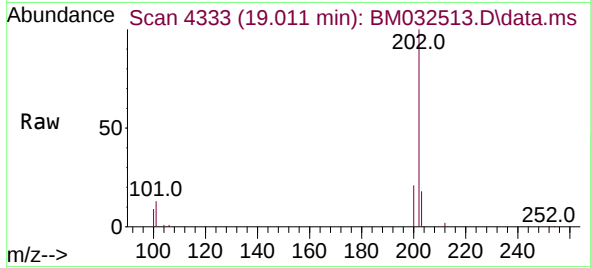




#19
Fluoranthene
Concen: 0.463 ng/ul
RT: 19.011 min Scan# 4333
Delta R.T. -0.000 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

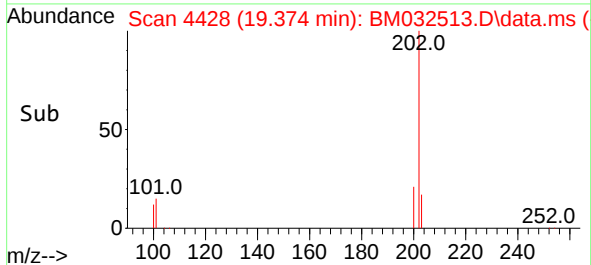
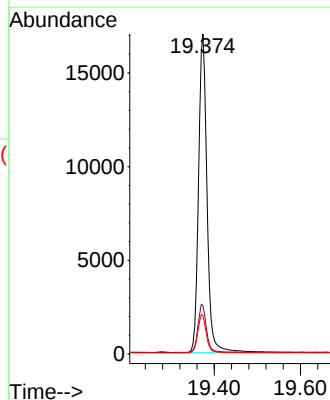
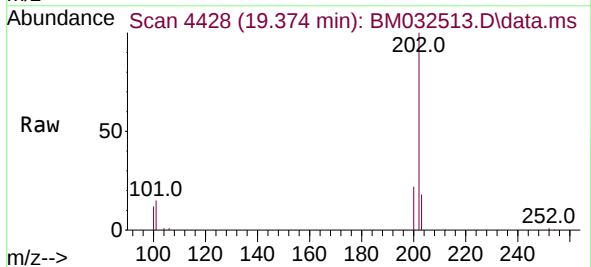
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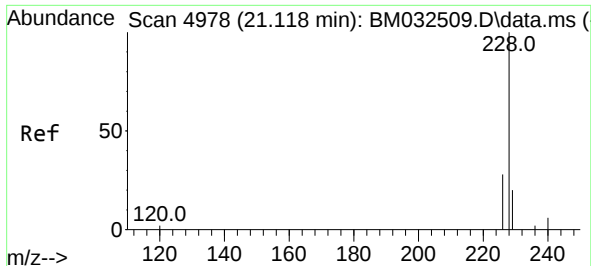
Tgt Ion:202	Resp:	22814
Ion Ratio	Lower	Upper
202	100	
101	13.0	10.6 16.0
100	9.5	7.8 11.8



#20
Pyrene
Concen: 0.460 ng/ul
RT: 19.374 min Scan# 4428
Delta R.T. -0.000 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

Tgt Ion:202	Resp:	23274
Ion Ratio	Lower	Upper
202	100	
101	15.1	12.3 18.5
100	11.9	10.1 15.1

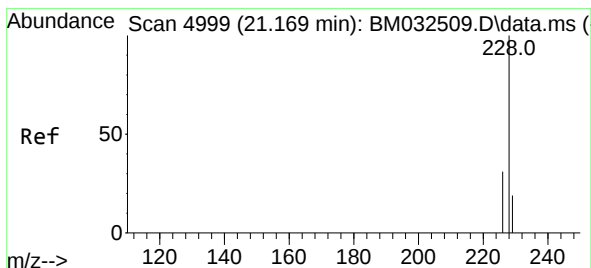
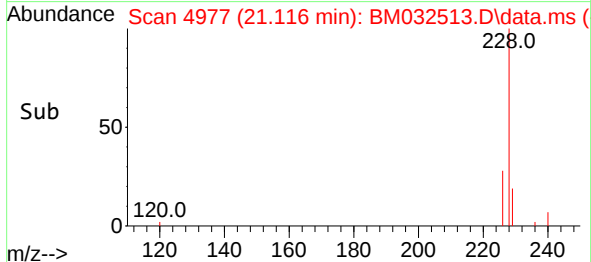
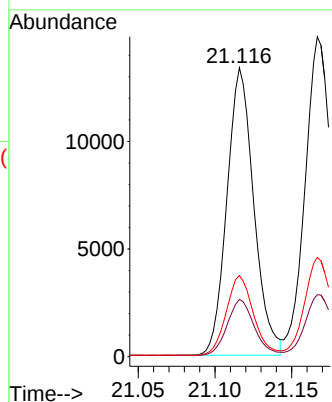
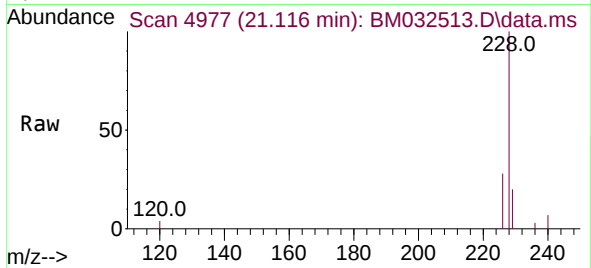




#21
Benzo(a)anthracene
Concen: 0.419 ng/ul
RT: 21.116 min Scan# 4977
Delta R.T. -0.002 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

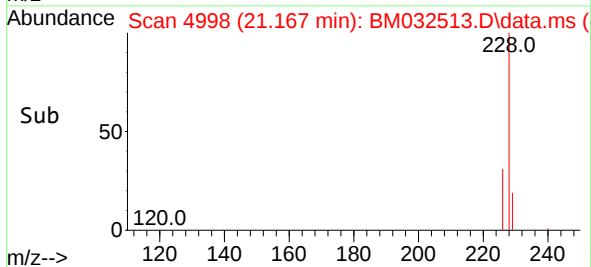
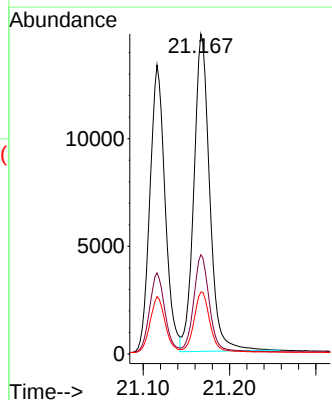
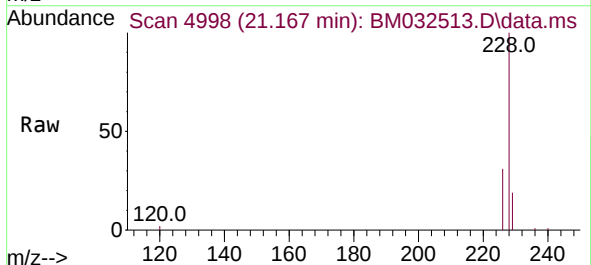
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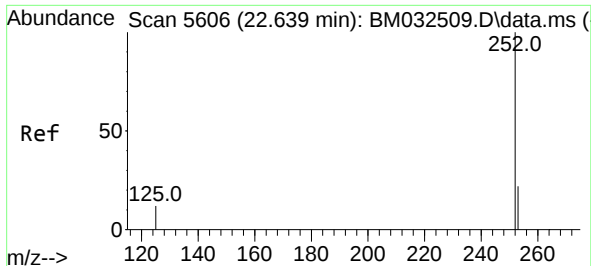
Tgt Ion:228	Resp:	16290
Ion Ratio	Lower	Upper
228	100	
229	19.8	15.9 23.9
226	28.1	22.4 33.6



#22
Chrysene
Concen: 0.440 ng/ul
RT: 21.167 min Scan# 4998
Delta R.T. -0.002 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

Tgt Ion:228	Resp:	18814
Ion Ratio	Lower	Upper
228	100	
226	31.0	25.1 37.7
229	19.3	15.7 23.5

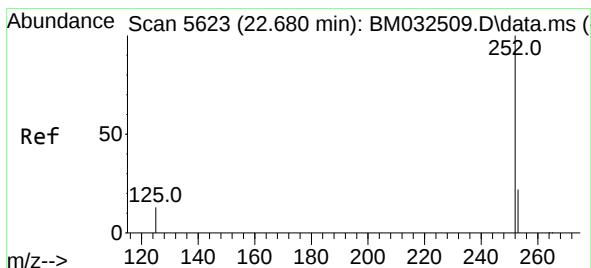
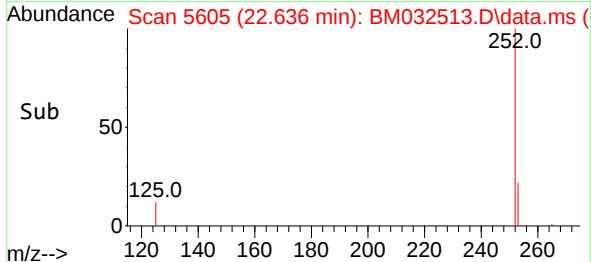
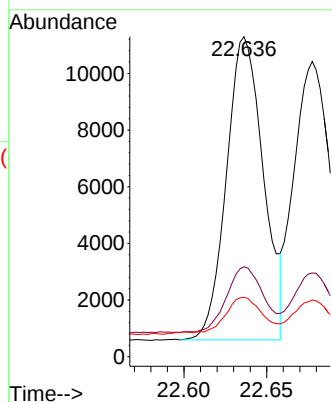
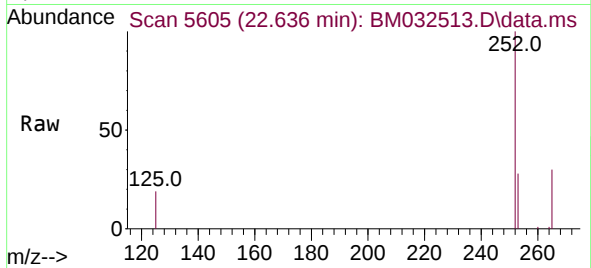




#24
Benzo(b)fluoranthene
Concen: 0.465 ng/ul
RT: 22.636 min Scan# 5605
Delta R.T. -0.002 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

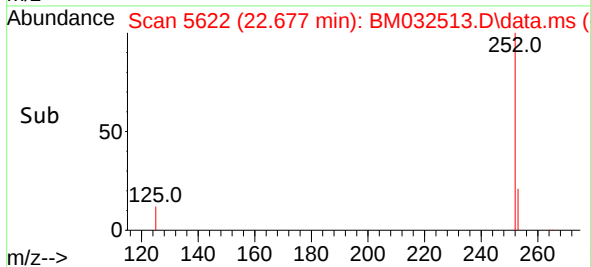
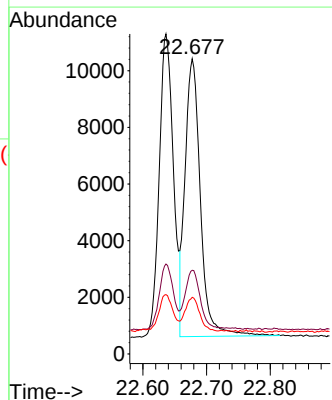
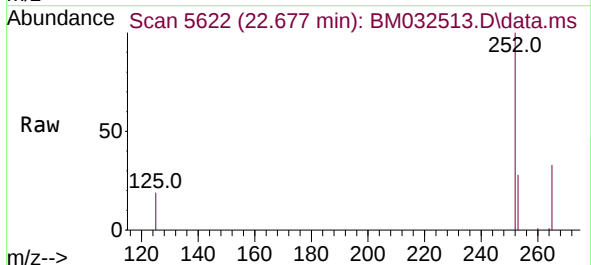
Instrument :
BNA_M
ClientSampleId :
SICV042

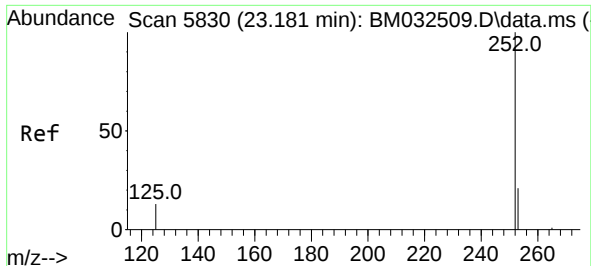
Tgt Ion:252 Resp: 16650
Ion Ratio Lower Upper
252 100
253 28.1 0.0 53.8
125 18.6 0.0 35.6



#25
Benzo(k)fluoranthene
Concen: 0.461 ng/ul
RT: 22.677 min Scan# 5622
Delta R.T. -0.002 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

Tgt Ion:252 Resp: 16424
Ion Ratio Lower Upper
252 100
253 28.4 21.8 32.6
125 19.2 14.4 21.6

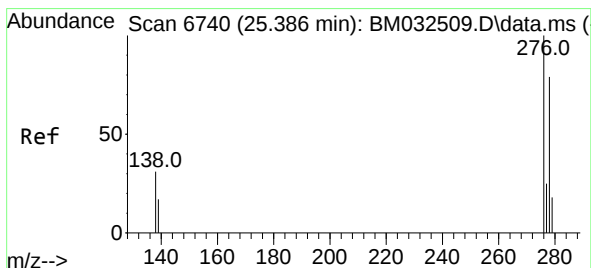
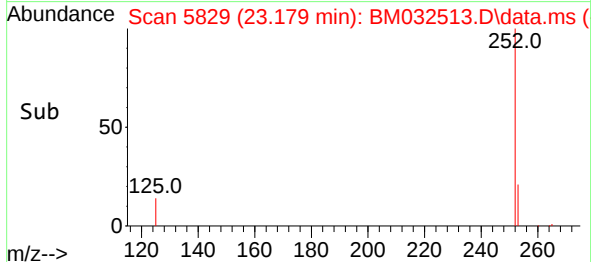
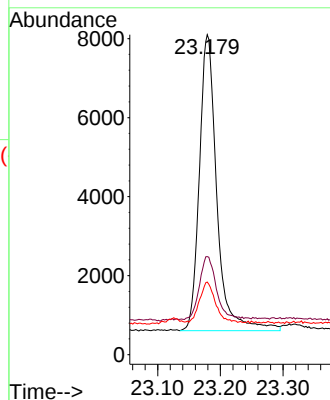
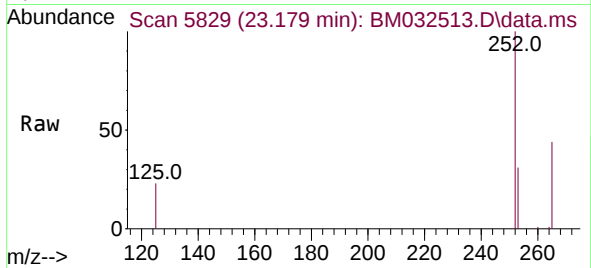




#26
Benzo(a)pyrene
Concen: 0.484 ng/ul
RT: 23.179 min Scan# 5829
Delta R.T. -0.002 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

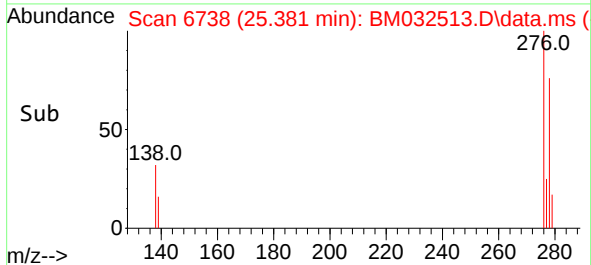
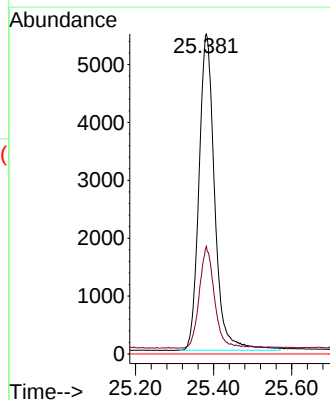
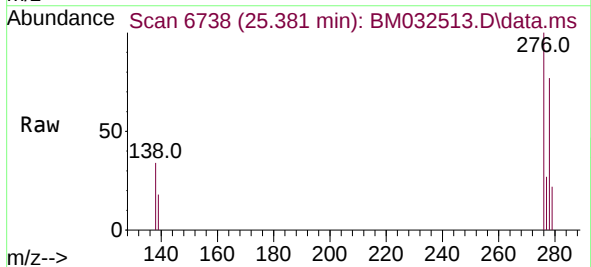
Instrument :
BNA_M
ClientSampleId :
SICV042

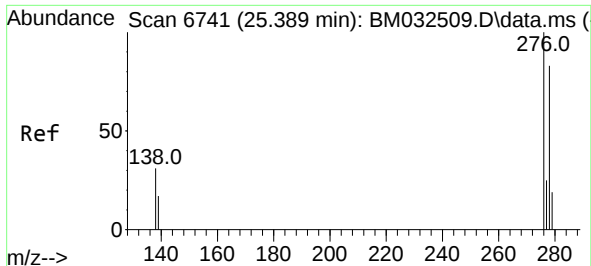
Tgt Ion:252	Resp:	14499
Ion Ratio	Lower	Upper
252	100	
253	30.7	23.6 35.4
125	22.7	17.1 25.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng/ul
RT: 25.381 min Scan# 6738
Delta R.T. -0.005 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

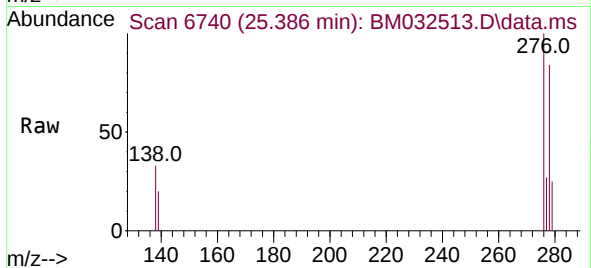
Tgt Ion:276	Resp:	15257
Ion Ratio	Lower	Upper
276	100	
138	30.6	24.9 37.3
227	0.0	0.0 0.0



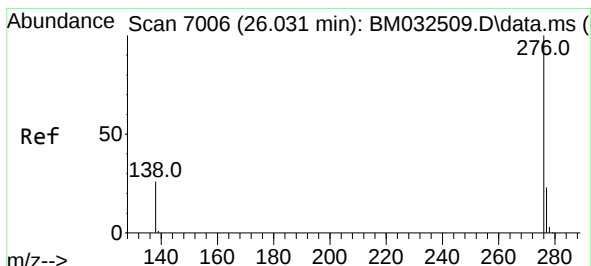
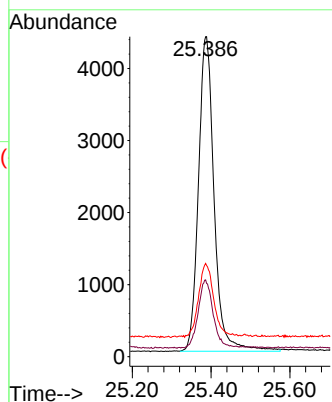
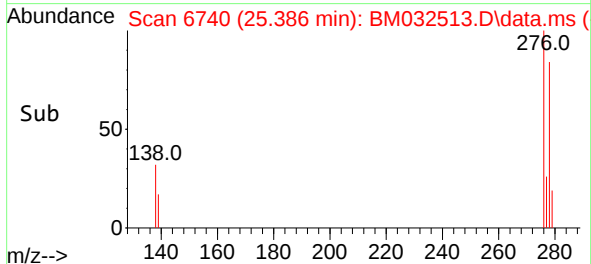


#28
Dibenzo(a,h)anthracene
Concen: 0.418 ng/ul
RT: 25.386 min Scan# 6740
Delta R.T. -0.002 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40

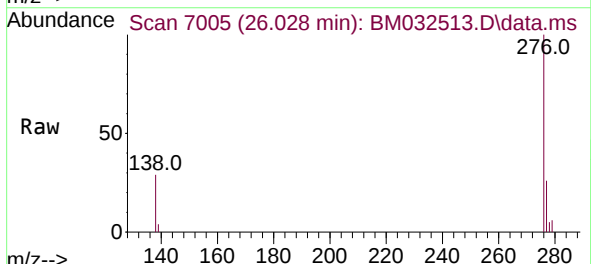
Instrument :
BNA_M
ClientSampleId :
SICV042



Tgt Ion:278 Resp: 12085
Ion Ratio Lower Upper
278 100
139 24.0 18.6 28.0
279 29.2 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.423 ng/ul
RT: 26.028 min Scan# 7005
Delta R.T. -0.002 min
Lab File: BM032513.D
Acq: 14 Oct 2021 19:40



Tgt Ion:276 Resp: 13522
Ion Ratio Lower Upper
276 100
138 28.9 22.6 33.8
277 25.7 19.9 29.9

