

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034771.D
 Acq On : 22 Apr 2022 17:04
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV035

Quant Time: Apr 22 19:03:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:54:34 2022
 Response via : Initial Calibration

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

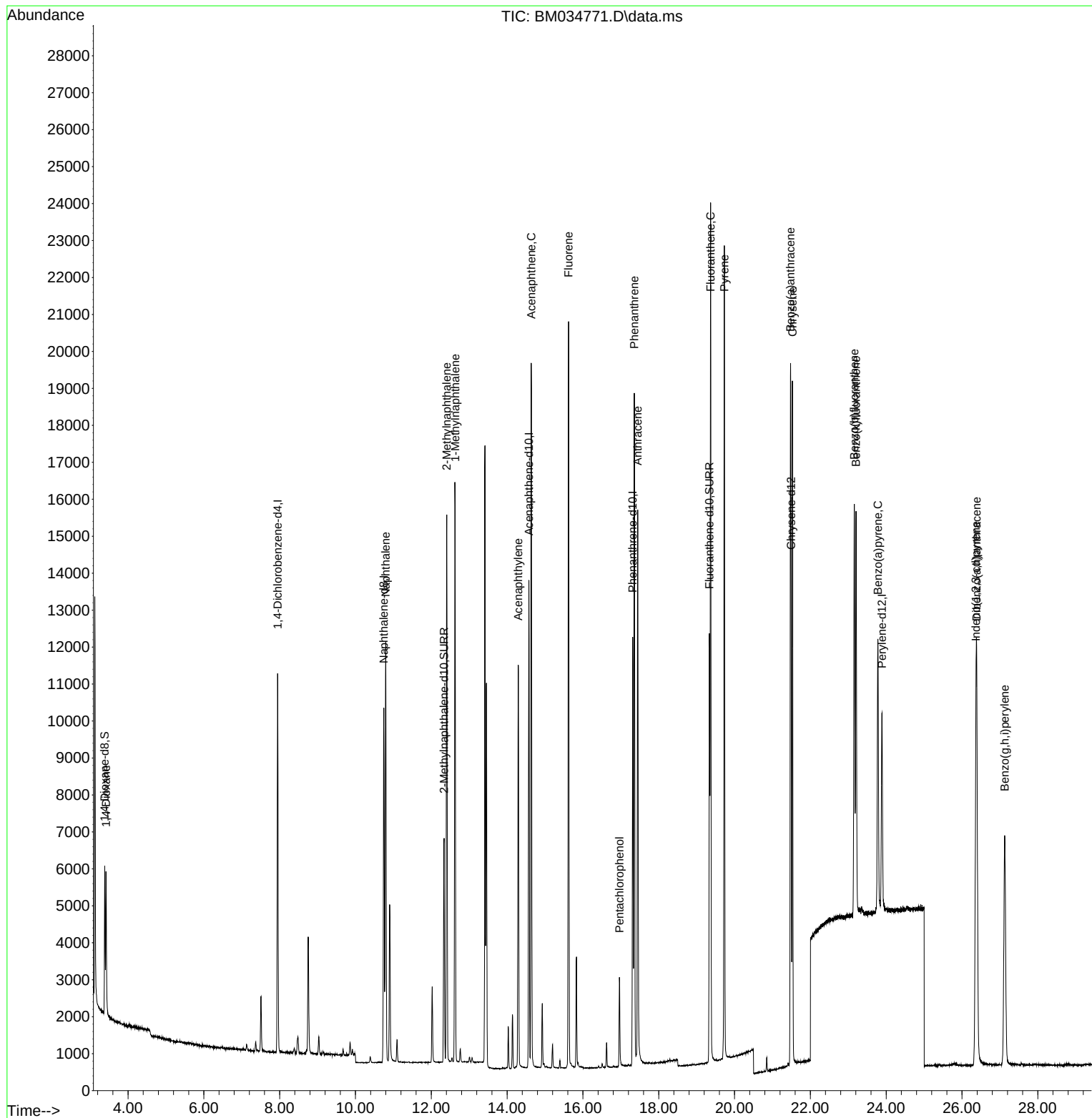
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	5130	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	13004	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.576	164	6969	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	13886	0.400	ng/ul #	0.00
17) Chrysene-d12	21.493	240	9047	0.400	ng/ul	0.00
23) Perylene-d12	23.890	264	7447	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	2509	0.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	7791	0.426	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	12807	0.449	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.420	88	2326	0.431	ng/ul#	76
5) Naphthalene	10.798	128	15719	0.423	ng/ul#	88
7) 2-Methylnaphthalene	12.409	142	10552	0.427	ng/ul	99
8) 1-Methylnaphthalene	12.629	142	10367	0.427	ng/ul	99
10) Acenaphthylene	14.294	152	12863	0.422	ng/ul#	90
11) Acenaphthene	14.636	153	10923	0.424	ng/ul	97
12) Fluorene	15.621	166	12436	0.428	ng/ul#	97
14) Pentachlorophenol	16.964	266	1619	0.393	ng/ul	97
15) Phenanthrene	17.356	178	19166	0.418	ng/ul	95
16) Anthracene	17.445	178	16837	0.412	ng/ul#	91
19) Fluoranthene	19.369	202	19321	0.445	ng/ul	96
20) Pyrene	19.731	202	19086	0.438	ng/ul	99
21) Benzo(a)anthracene	21.475	228	14585	0.414	ng/ul	97
22) Chrysene	21.528	228	15613	0.416	ng/ul	96
24) Benzo(b)fluoranthene	23.159	252	14902	0.438	ng/ul	94
25) Benzo(k)fluoranthene	23.206	252	14403	0.424	ng/ul	92
26) Benzo(a)pyrene	23.782	252	11706	0.422	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.369	276	16010	0.411	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.389	278	12910	0.407	ng/ul#	89
29) Benzo(g,h,i)perylene	27.127	276	14108	0.420	ng/ul	95

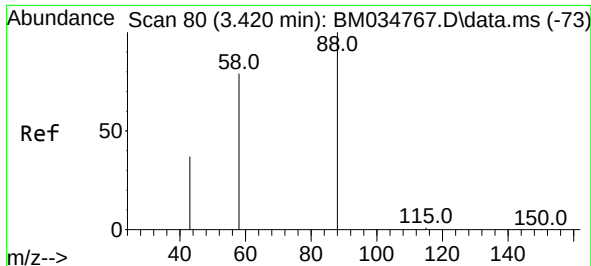
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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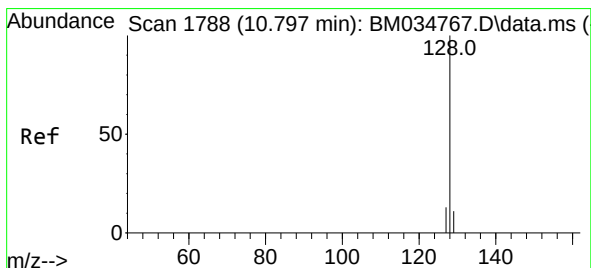
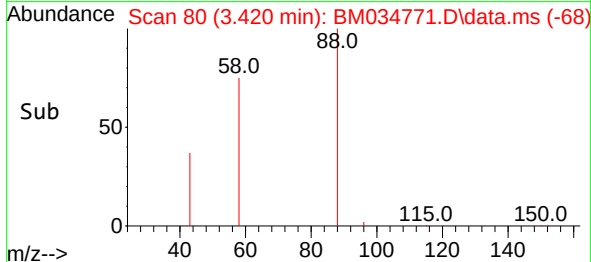
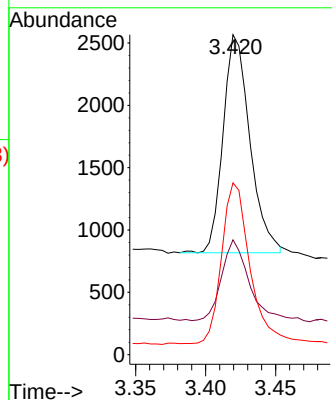
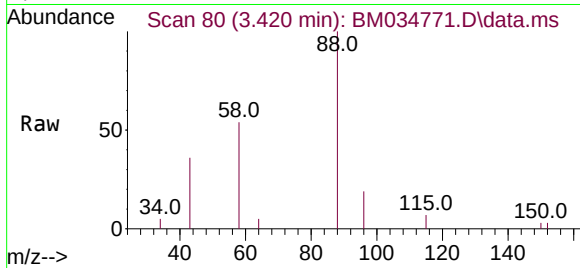




#2
1,4-Dioxane
Concen: 0.431 ng/ul
RT: 3.420 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

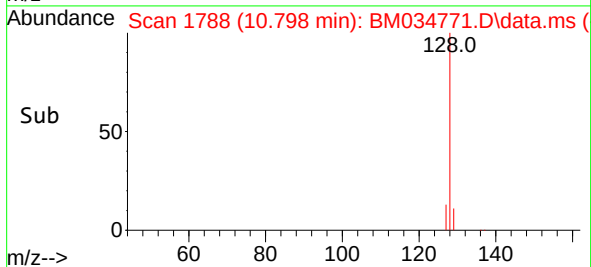
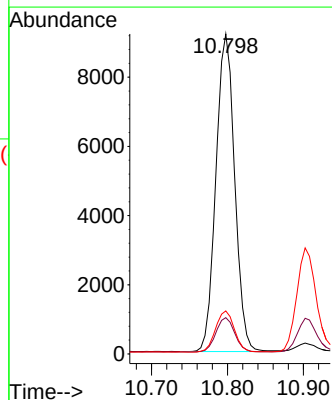
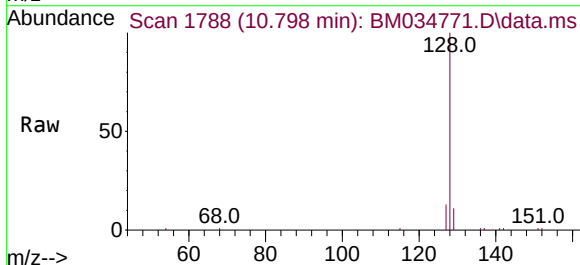
Instrument :
BNA_M
ClientSampleId :
SICV035

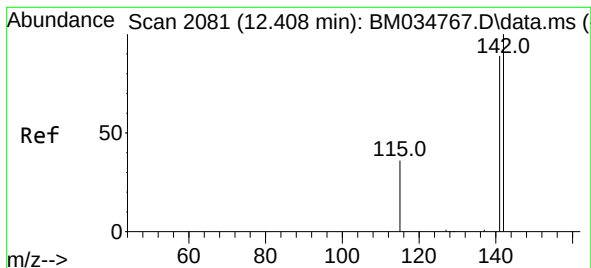
Tgt Ion: 88 Resp: 2326
Ion Ratio Lower Upper
88 100
43 35.9 49.7 74.5#
58 53.7 52.5 78.7



#5
Naphthalene
Concen: 0.423 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

Tgt Ion: 128 Resp: 15719
Ion Ratio Lower Upper
128 100
129 11.4 13.4 20.2#
127 13.4 15.2 22.8#

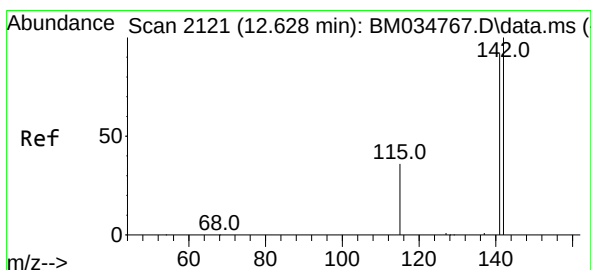
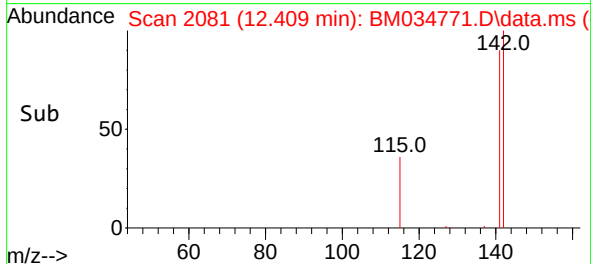
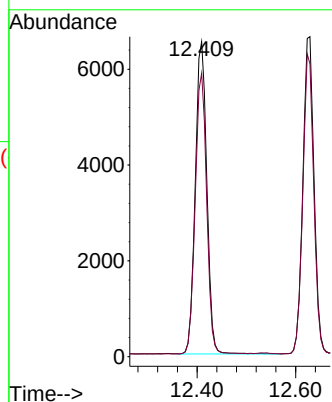
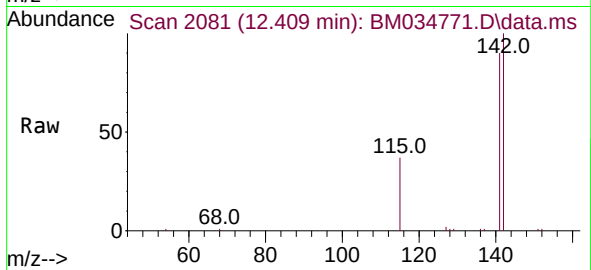




#7
2-Methylnaphthalene
Concen: 0.427 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

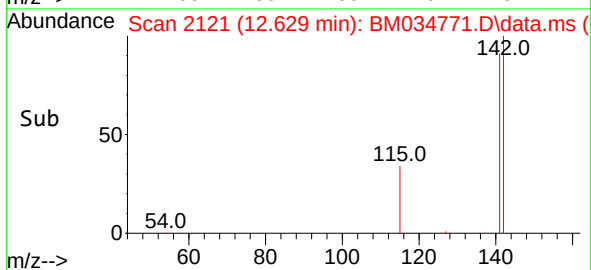
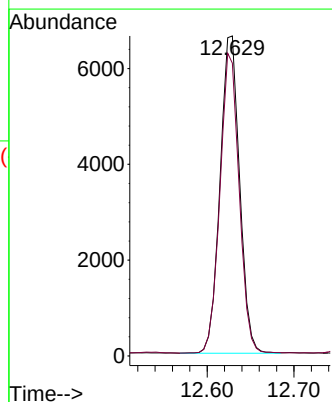
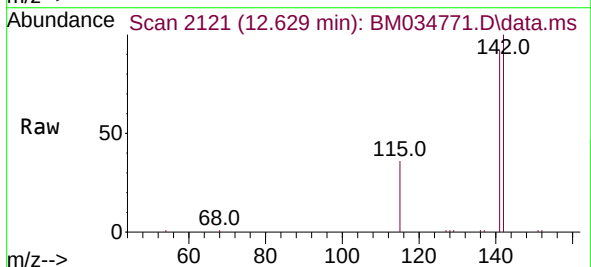
Instrument :
BNA_M
ClientSampleId :
SICV035

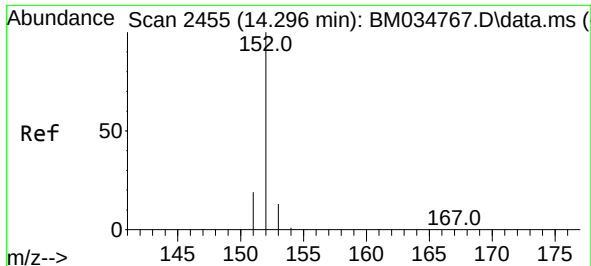
Tgt Ion:142 Resp: 10552
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.427 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.001 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

Tgt Ion:142 Resp: 10367
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4

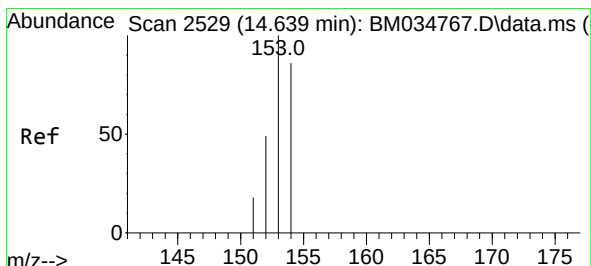
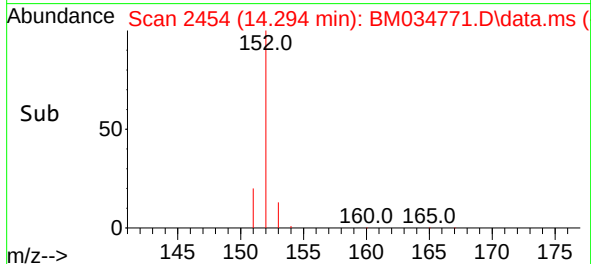
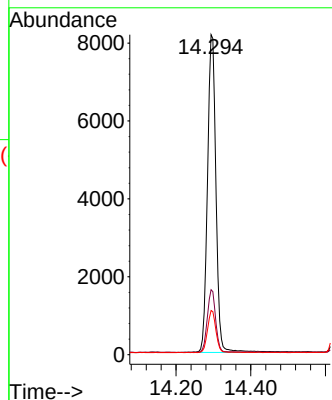
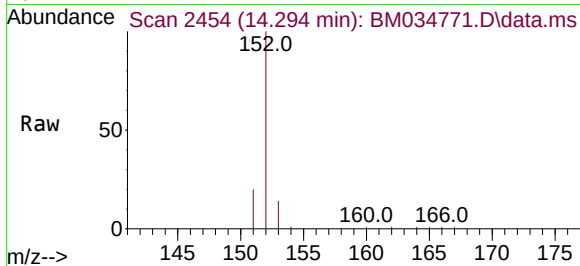




#10
Acenaphthylene
Concen: 0.422 ng/ul
RT: 14.294 min Scan# 2455
Delta R.T. -0.003 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

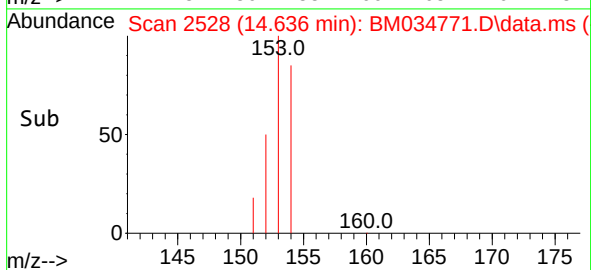
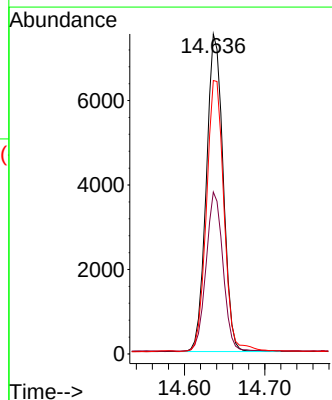
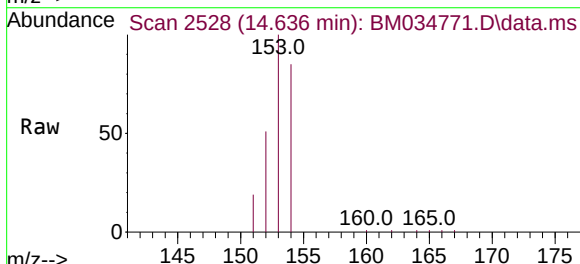
Instrument :
BNA_M
ClientSampleId :
SICV035

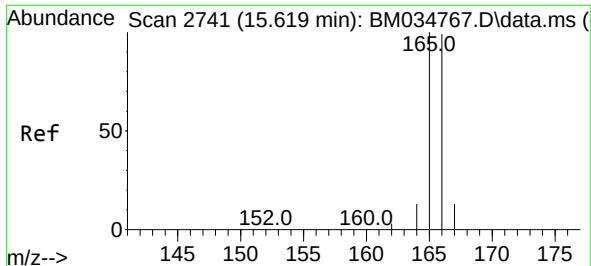
Tgt Ion:	152	Resp:	12863
Ion Ratio	Lower	Upper	
152	100		
151	20.3	19.9	29.9
153	13.8	15.0	22.4



#11
Acenaphthene
Concen: 0.424 ng/ul
RT: 14.636 min Scan# 2528
Delta R.T. -0.003 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

Tgt Ion:	153	Resp:	10923
Ion Ratio	Lower	Upper	
153	100		
152	50.6	42.4	63.6
154	85.4	66.2	99.2

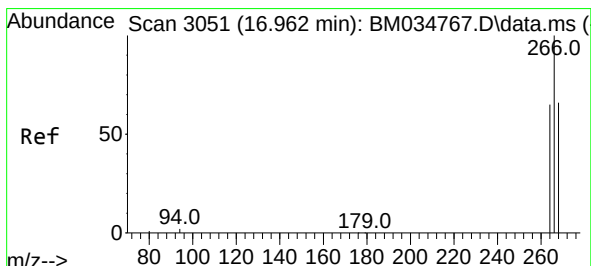
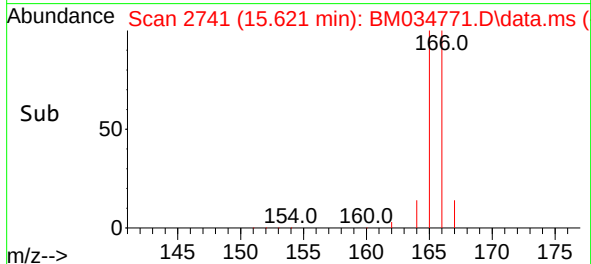
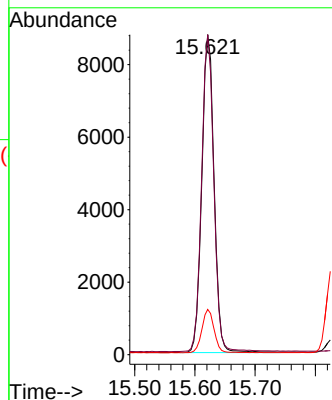
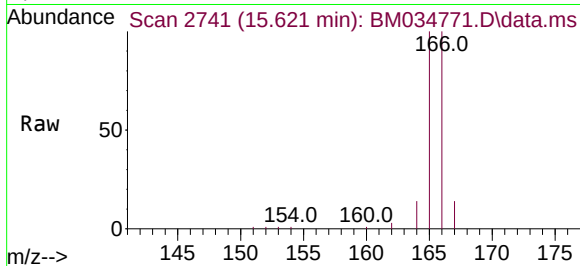




#12
Fluorene
Concen: 0.428 ng/ul
RT: 15.621 min Scan# 21
Delta R.T. 0.002 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

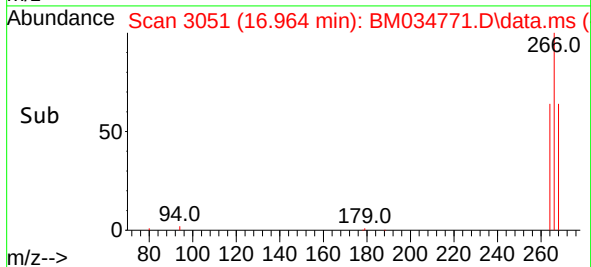
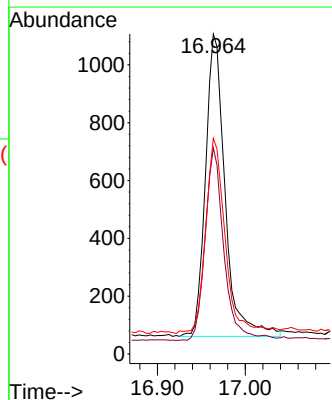
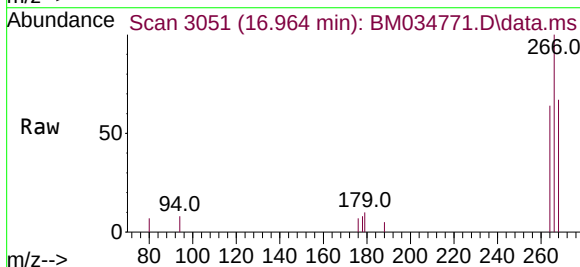
Instrument :
BNA_M
ClientSampleId :
SICV035

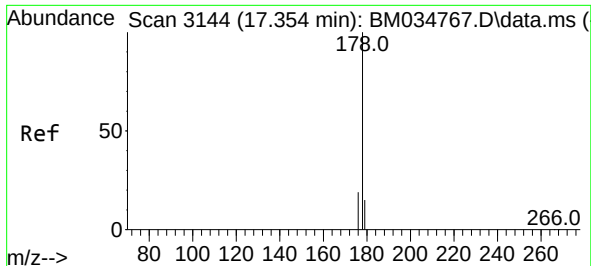
Tgt Ion:166 Resp: 12436
Ion Ratio Lower Upper
166 100
165 100.0 81.1 121.7
167 14.1 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.393 ng/ul
RT: 16.964 min Scan# 3051
Delta R.T. 0.002 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

Tgt Ion:266 Resp: 1619
Ion Ratio Lower Upper
266 100
264 61.1 51.4 77.0
268 64.9 53.1 79.7

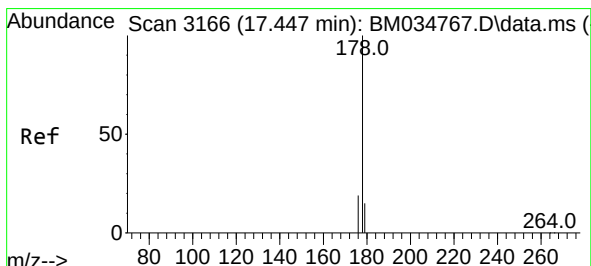
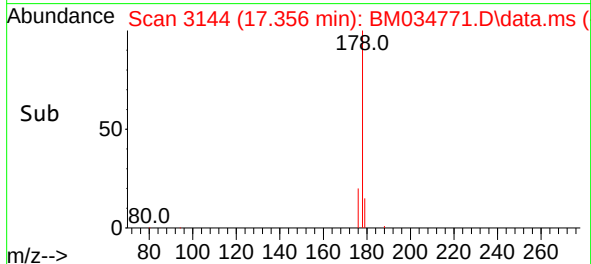
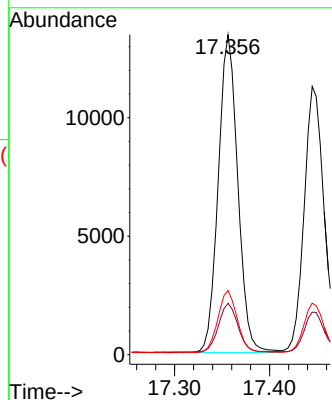
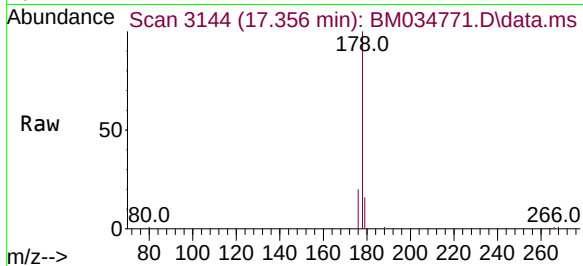




#15
Phenanthrene
Concen: 0.418 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.002 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

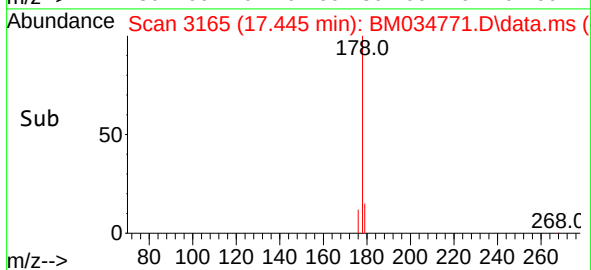
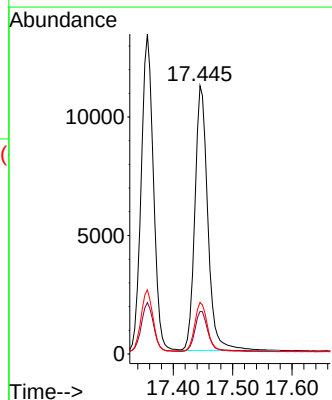
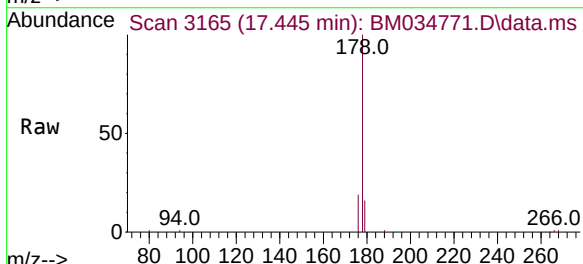
Instrument :
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ClientSampleId :
SICV035

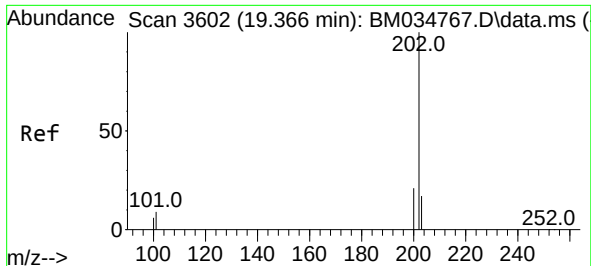
Tgt Ion:178 Resp: 19166
Ion Ratio Lower Upper
178 100
179 16.1 15.0 22.6
176 20.1 17.9 26.9



#16
Anthracene
Concen: 0.412 ng/ul
RT: 17.445 min Scan# 3165
Delta R.T. -0.002 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

Tgt Ion:178 Resp: 16837
Ion Ratio Lower Upper
178 100
179 15.9 16.5 24.7#
176 19.2 18.3 27.5

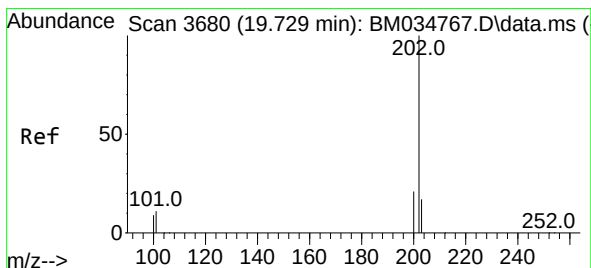
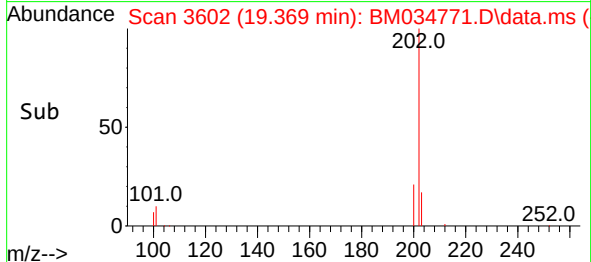
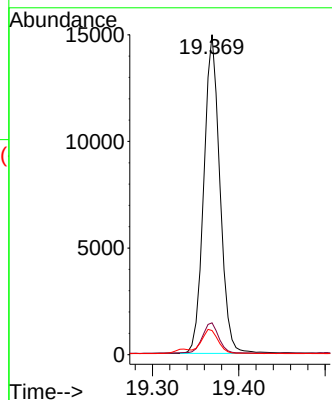
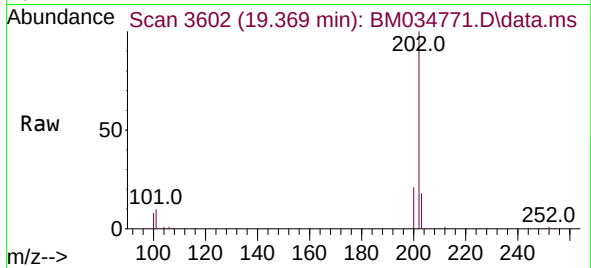




#19
Fluoranthene
Concen: 0.445 ng/u1
RT: 19.369 min Scan# 3602
Delta R.T. 0.002 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

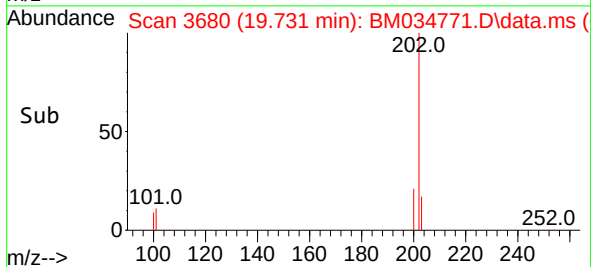
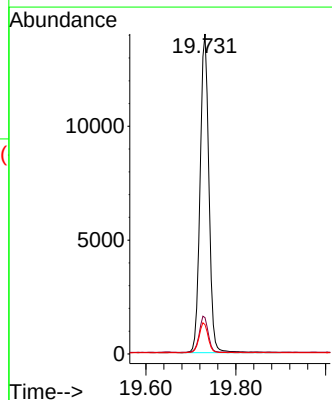
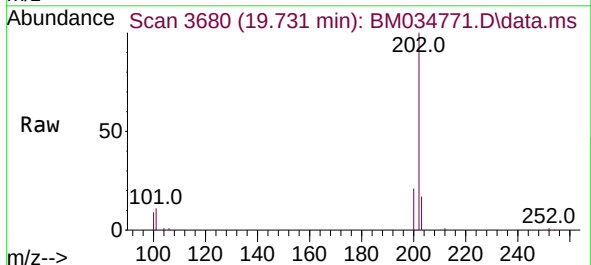
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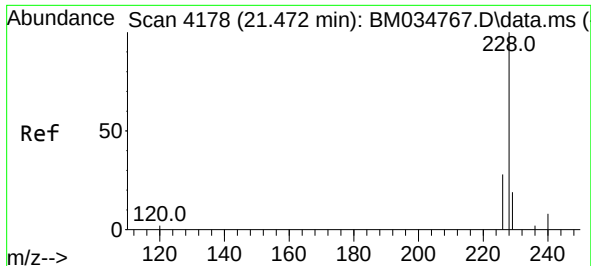
Tgt Ion:202 Resp: 19321
Ion Ratio Lower Upper
202 100
101 10.0 9.2 13.8
100 7.5 7.2 10.8



#20
Pyrene
Concen: 0.438 ng/u1
RT: 19.731 min Scan# 3680
Delta R.T. 0.002 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

Tgt Ion:202 Resp: 19086
Ion Ratio Lower Upper
202 100
101 11.3 9.3 13.9
100 9.1 7.8 11.6

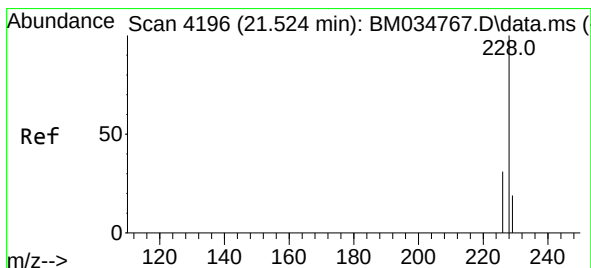
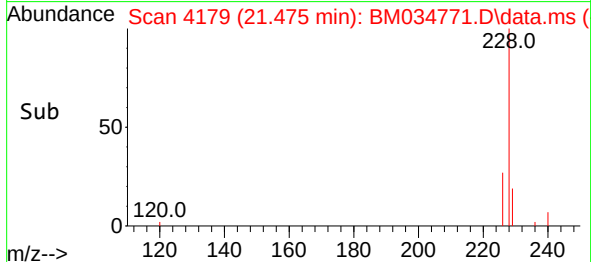
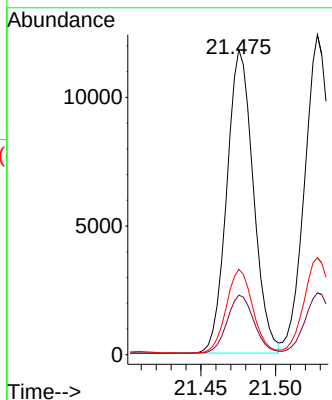
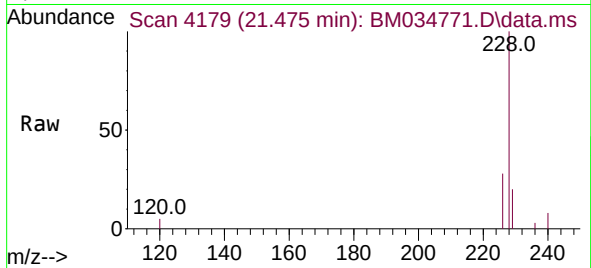




#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.475 min Scan# 4178
Delta R.T. 0.004 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

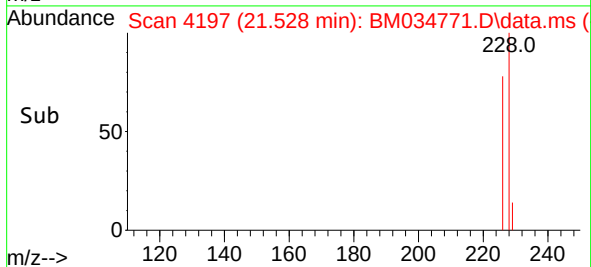
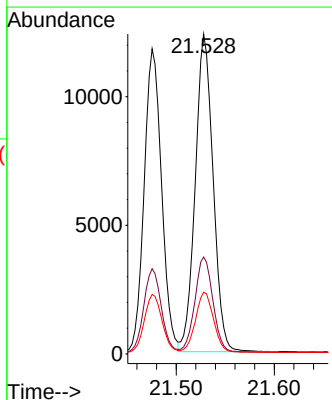
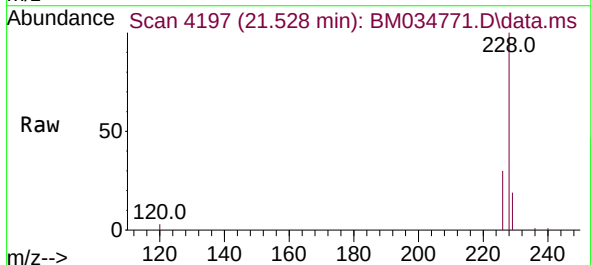
Instrument :
BNA_M
ClientSampleId :
SICV035

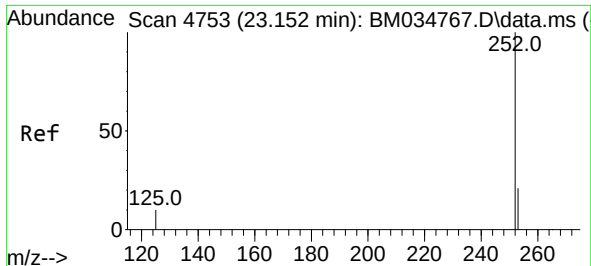
Tgt Ion:228 Resp: 14585
Ion Ratio Lower Upper
228 100
229 19.5 17.3 25.9
226 28.0 23.2 34.8



#22
Chrysene
Concen: 0.416 ng/ul
RT: 21.528 min Scan# 4197
Delta R.T. 0.004 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

Tgt Ion:228 Resp: 15613
Ion Ratio Lower Upper
228 100
226 30.3 25.8 38.8
229 19.3 16.7 25.1

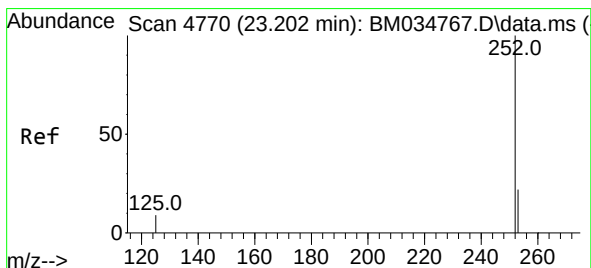
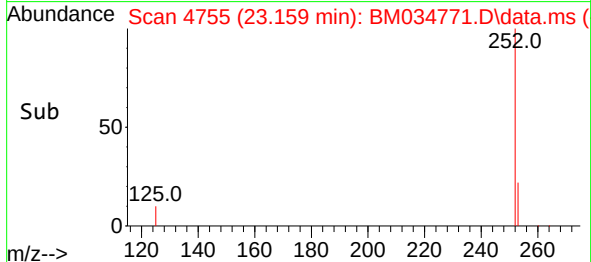
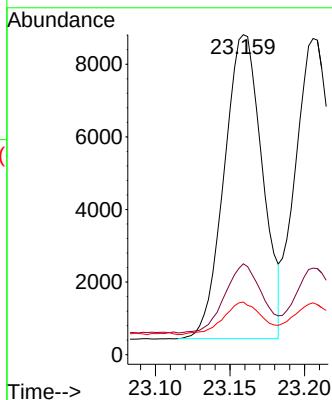
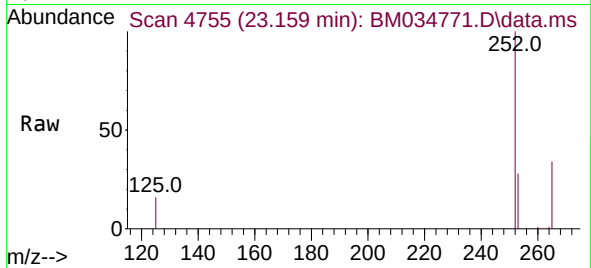




#24
Benzo(b)fluoranthene
Concen: 0.438 ng/ul
RT: 23.159 min Scan# 4753
Delta R.T. 0.007 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

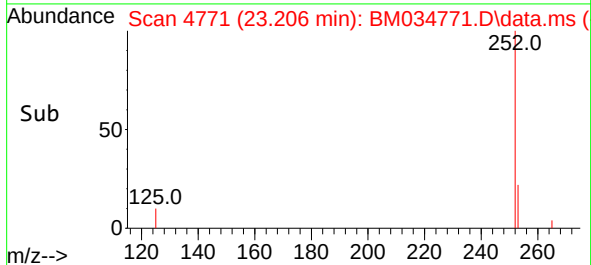
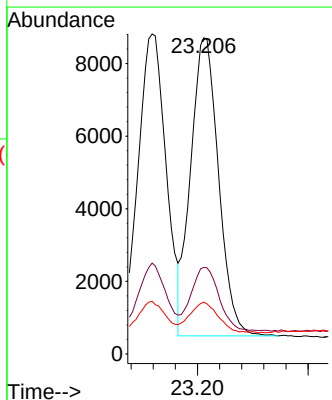
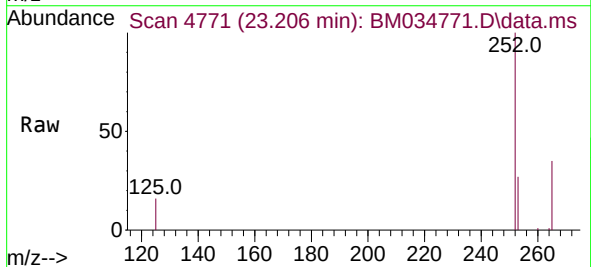
Instrument :
BNA_M
ClientSampleId :
SICV035

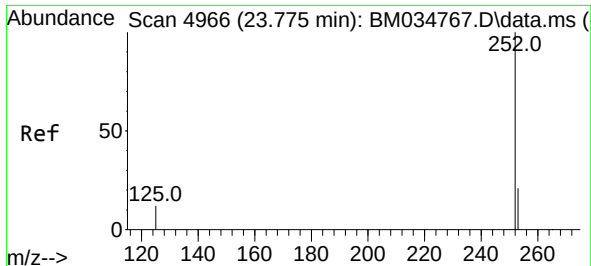
Tgt Ion:252 Resp: 14902
Ion Ratio Lower Upper
252 100
253 28.4 0.0 64.2
125 16.4 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.424 ng/ul
RT: 23.206 min Scan# 4771
Delta R.T. 0.004 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

Tgt Ion:252 Resp: 14403
Ion Ratio Lower Upper
252 100
253 27.4 26.8 40.2
125 16.4 12.0 18.0

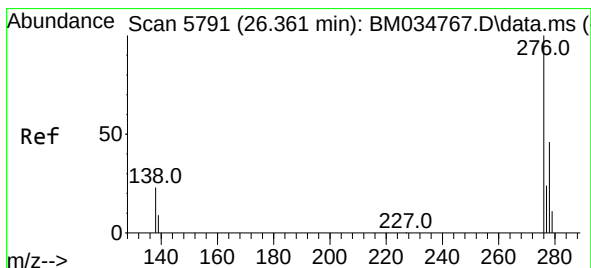
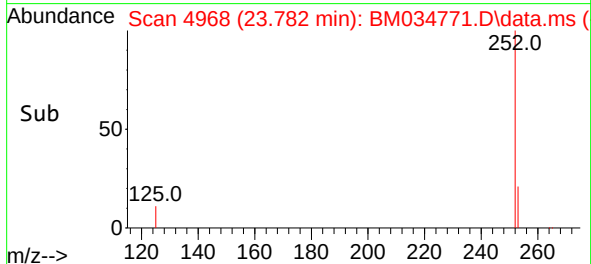
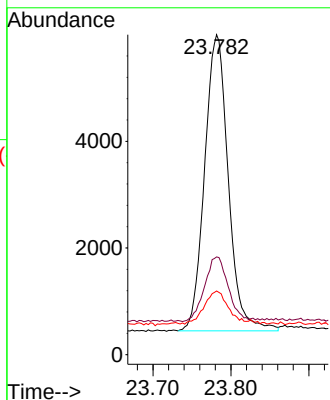
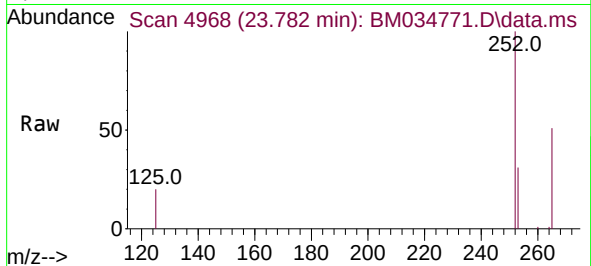




#26
Benzo(a)pyrene
Concen: 0.422 ng/ul
RT: 23.782 min Scan# 4966
Delta R.T. 0.007 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

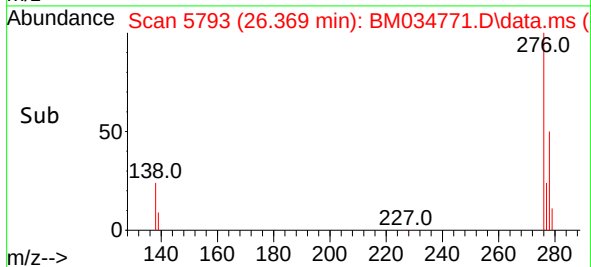
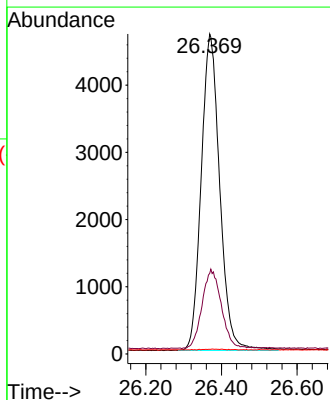
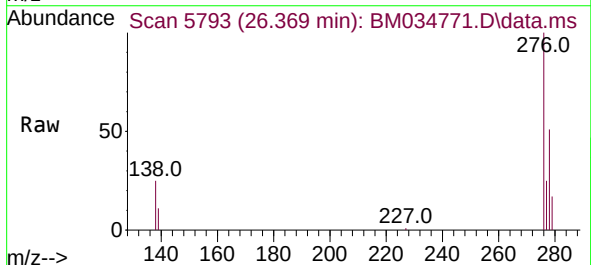
Instrument :
BNA_M
ClientSampleId :
SICV035

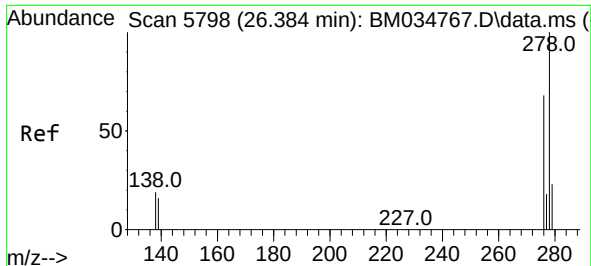
Tgt Ion:252 Resp: 11706
Ion Ratio Lower Upper
252 100
253 30.6 32.0 48.0#
125 19.9 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng/ul
RT: 26.369 min Scan# 5793
Delta R.T. 0.008 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

Tgt Ion:276 Resp: 16010
Ion Ratio Lower Upper
276 100
138 26.3 15.8 23.6#
227 0.0 0.0 0.0#

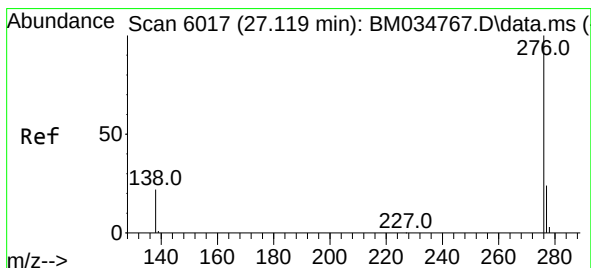
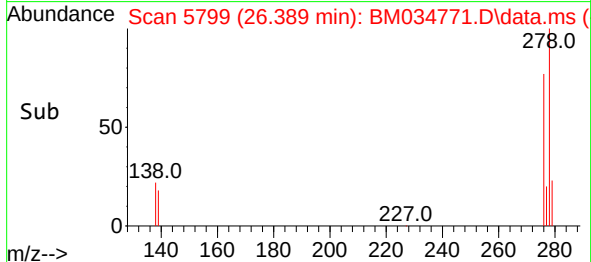
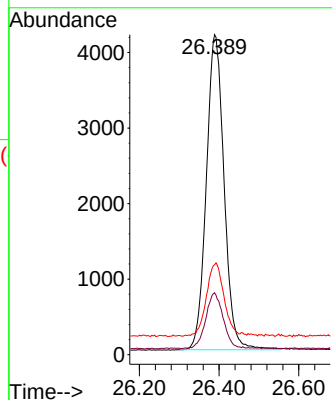
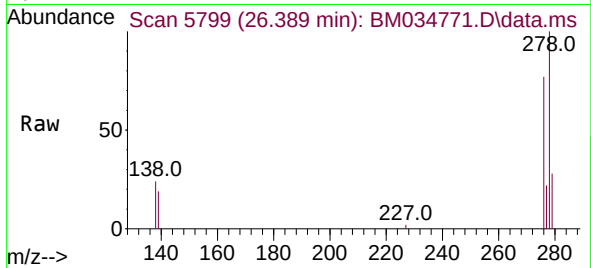




#28
Dibenzo(a,h)anthracene
Concen: 0.407 ng/ul
RT: 26.389 min Scan# 5798
Delta R.T. 0.004 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

Instrument :
BNA_M
ClientSampleId :
SICV035

Tgt Ion:278 Resp: 12910
Ion Ratio Lower Upper
278 100
139 19.3 18.0 27.0
279 28.1 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.420 ng/ul
RT: 27.127 min Scan# 6019
Delta R.T. 0.008 min
Lab File: BM034771.D
Acq: 22 Apr 2022 17:04

Tgt Ion:276 Resp: 14108
Ion Ratio Lower Upper
276 100
138 23.4 17.4 26.0
277 25.1 22.6 33.8

