

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102221\
 Data File : BN017039.D
 Acq On : 21 Oct 2021 10:03
 Operator : CG/JU
 Sample : PB140017BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS017

Quant Time: Oct 21 10:39:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN101921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 21 10:28:56 2021
 Response via : Initial Calibration

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

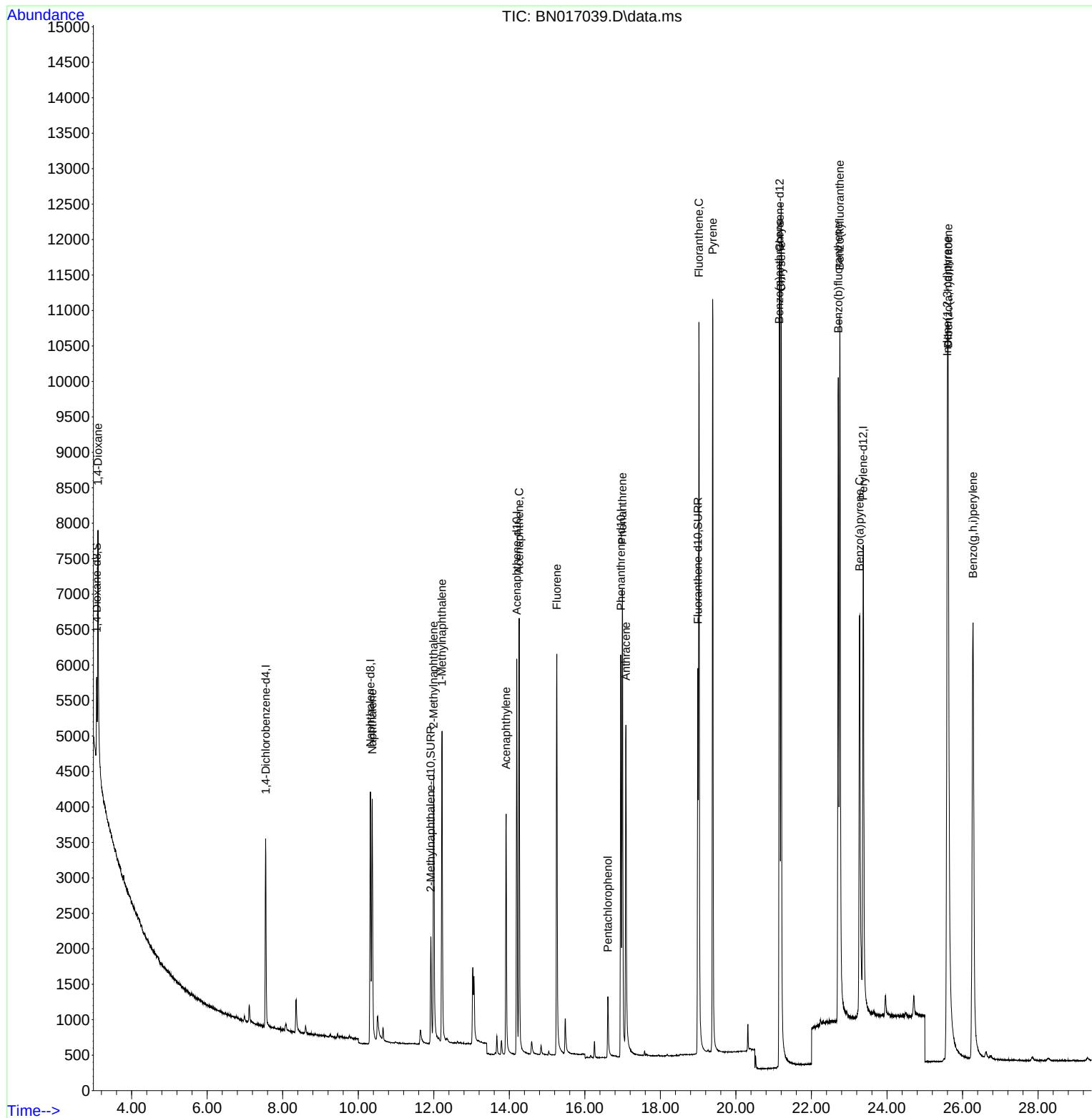
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	1407	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	5273	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	3072	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.952	188	7070	0.400	ng/ul	0.00
17) Chrysene-d12	21.161	240	7848	0.400	ng/ul	0.00
23) Perylene-d12	23.370	264	9011	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	938	0.613	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	2360	0.314	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	6377	0.329	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.109	88	2535	1.378	ng/ul#	45
5) Naphthalene	10.370	128	5124	0.321	ng/ul	98
7) 2-Methylnaphthalene	11.998	142	3233	0.325	ng/ul	100
8) 1-Methylnaphthalene	12.218	142	3307	0.327	ng/ul	100
10) Acenaphthylene	13.915	152	4346	0.350	ng/ul	99
11) Acenaphthene	14.262	153	3724	0.349	ng/ul	98
12) Fluorene	15.257	166	4109	0.333	ng/ul	99
14) Pentachlorophenol	16.610	266	718	0.422	ng/ul	98
15) Phenanthrene	16.994	178	7649	0.341	ng/ul	99
16) Anthracene	17.087	178	6019	0.318	ng/ul	98
19) Fluoranthene	19.021	202	9214	0.343	ng/ul	99
20) Pyrene	19.384	202	9557	0.346	ng/ul	98
21) Benzo(a)anthracene	21.146	228	8205	0.321	ng/ul	100
22) Chrysene	21.199	228	11027	0.379	ng/ul	100
24) Benzo(b)fluoranthene	22.710	252	11834	0.349	ng/ul	99
25) Benzo(k)fluoranthene	22.753	252	13861	0.371	ng/ul	99
26) Benzo(a)pyrene	23.277	252	10237	0.338	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.598	276	16434	0.382	ng/ul	99
28) Dibenzo(a,h)anthracene	25.622	278	12787	0.374	ng/ul	98
29) Benzo(g,h,i)perylene	26.279	276	14025	0.376	ng/ul	99

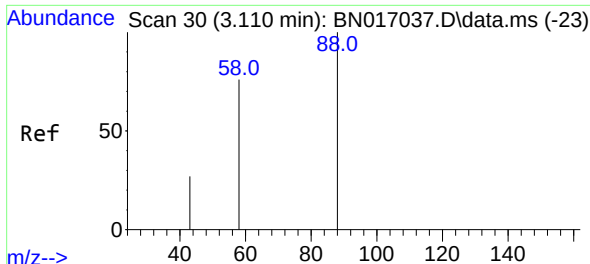
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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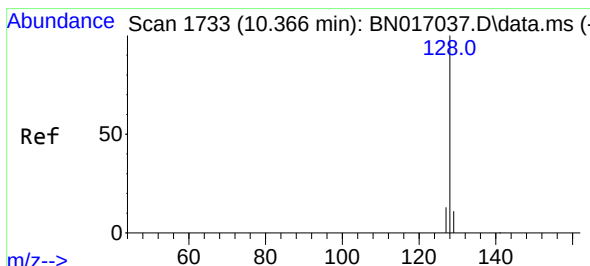
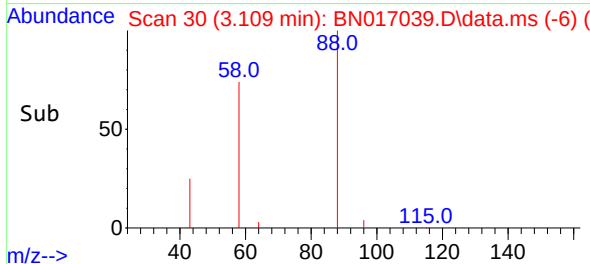
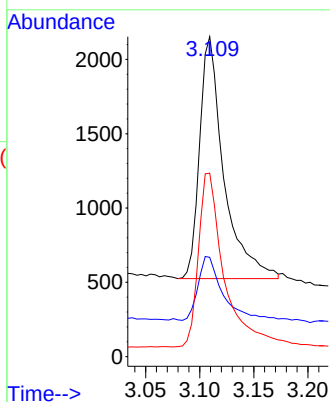
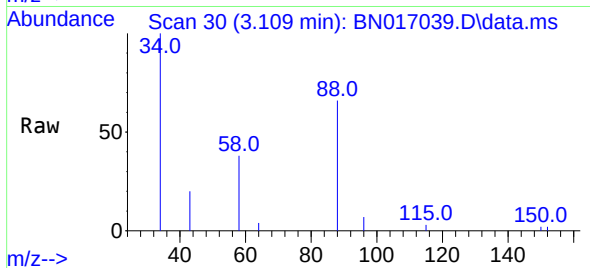




#2
1,4-Dioxane
Concen: 1.378 ng/ul
RT: 3.109 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

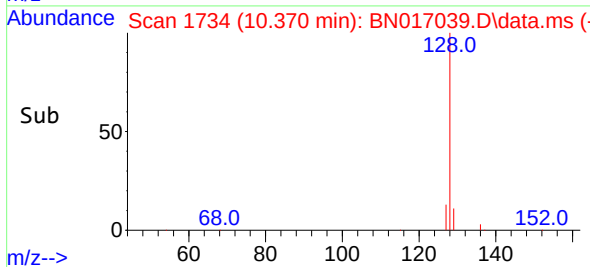
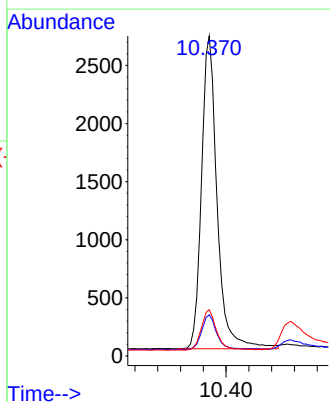
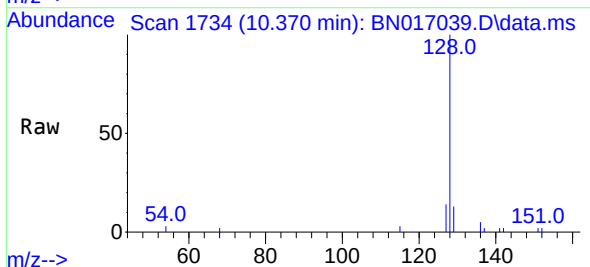
Instrument :
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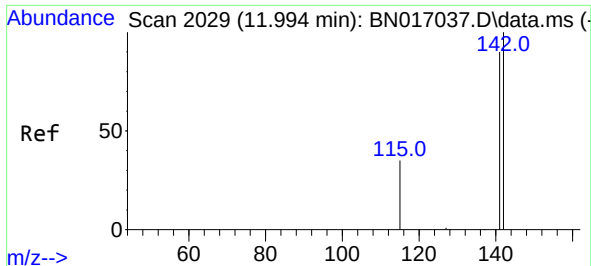
Tgt Ion: 88 Resp: 2535
Ion Ratio Lower Upper
88 100
43 31.0 85.8 128.8#
58 57.4 38.0 57.0#



#5
Naphthalene
Concen: 0.321 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. 0.004 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

Tgt Ion: 128 Resp: 5124
Ion Ratio Lower Upper
128 100
129 12.8 9.6 14.4
127 14.4 11.0 16.4

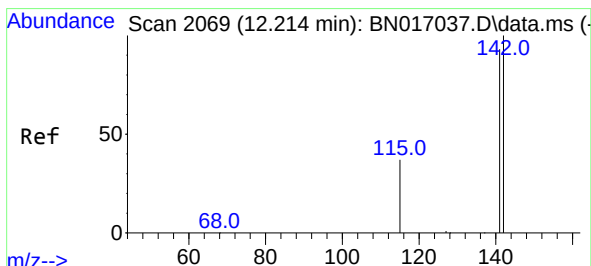
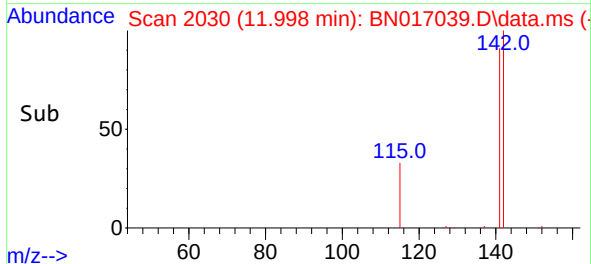
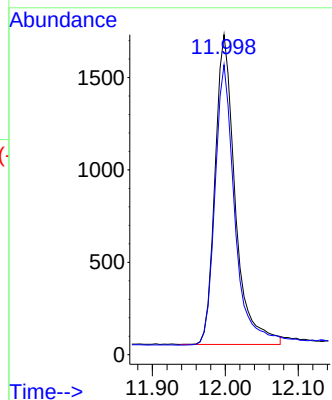
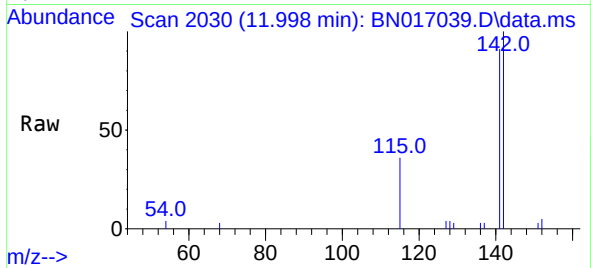




#7
2-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 11.998 min Scan# 2030
Delta R.T. 0.004 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

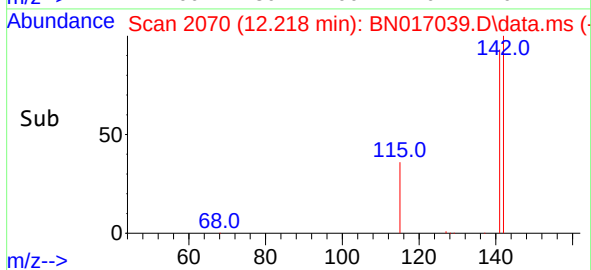
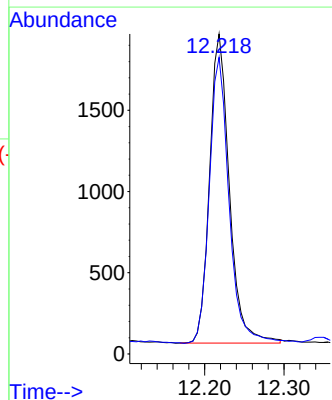
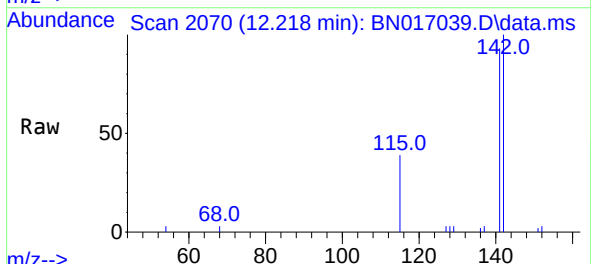
Instrument :
BNA_N
ClientSampleId :
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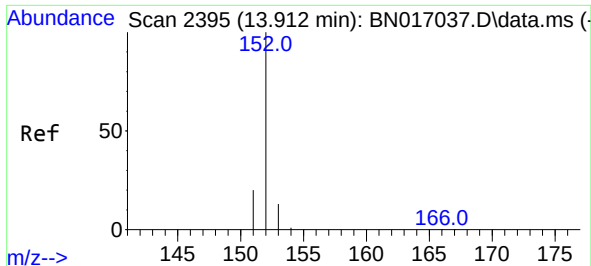
Tgt Ion:142 Resp: 3233
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. 0.004 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

Tgt Ion:142 Resp: 3307
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5

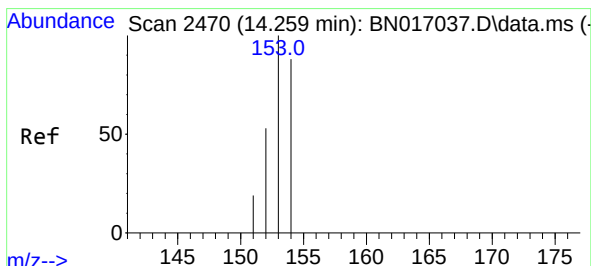
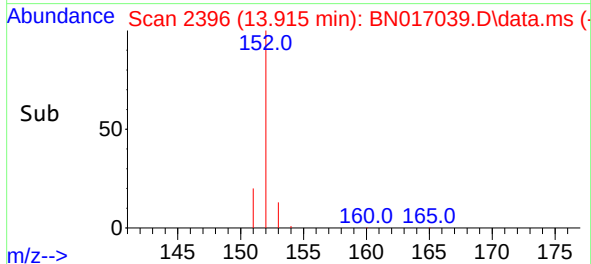
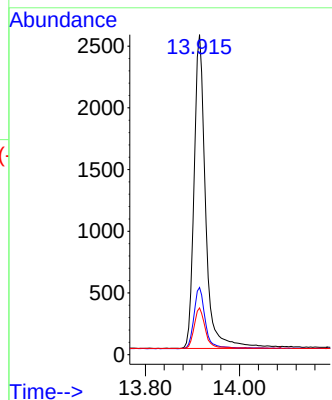
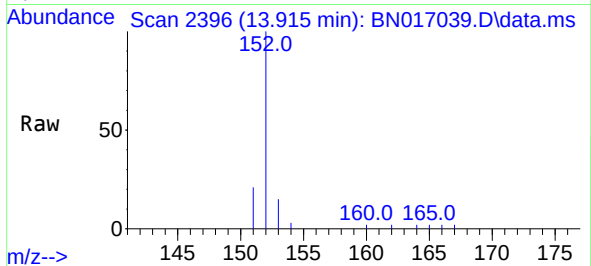




#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. 0.003 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

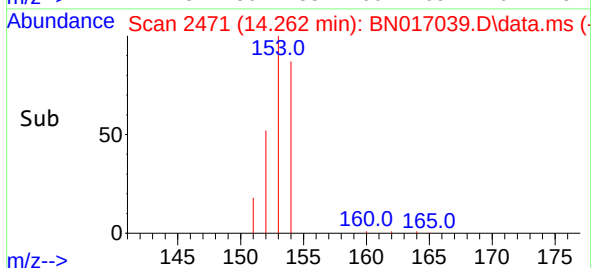
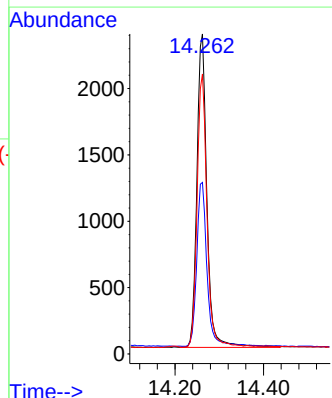
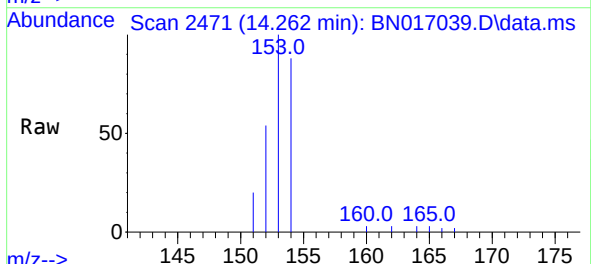
Instrument :
BNA_N
ClientSampleId :
SLCS017

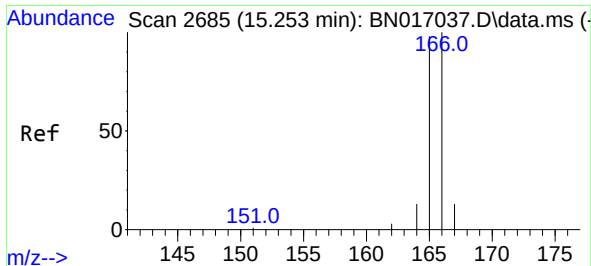
Tgt Ion:	152	Resp:	4346
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.4	24.6
153	14.6	11.3	16.9



#11
Acenaphthene
Concen: 0.349 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. 0.003 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

Tgt Ion:	153	Resp:	3724
Ion Ratio	Lower	Upper	
153	100		
152	53.6	40.7	61.1
154	87.5	70.7	106.1

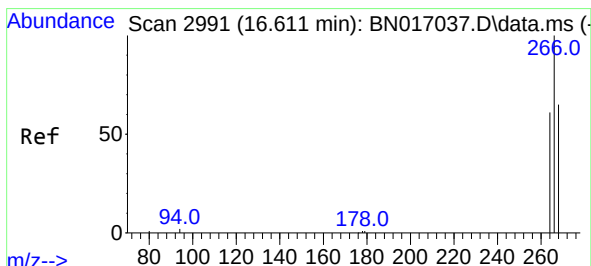
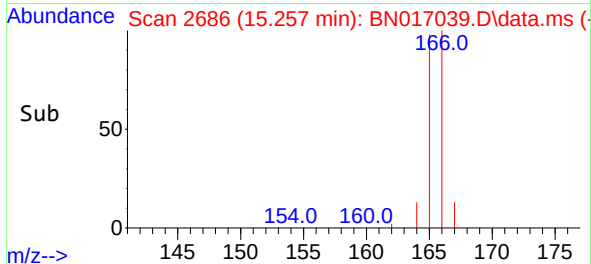
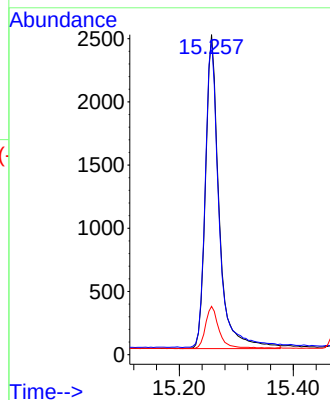
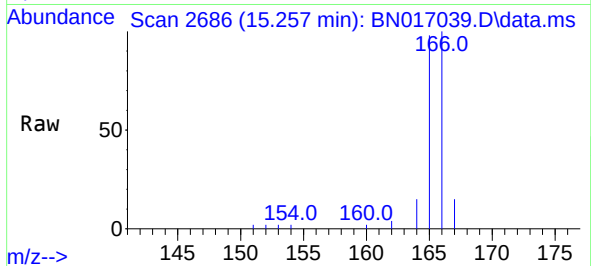




#12
Fluorene
Concen: 0.333 ng/ul
RT: 15.257 min Scan# 2686
Delta R.T. 0.003 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

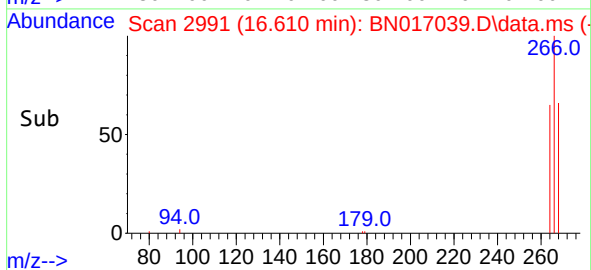
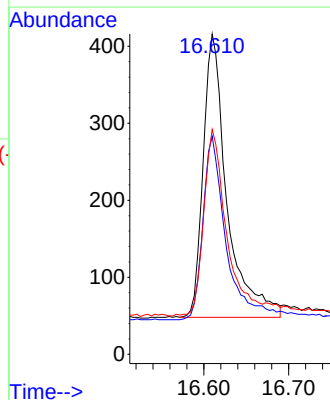
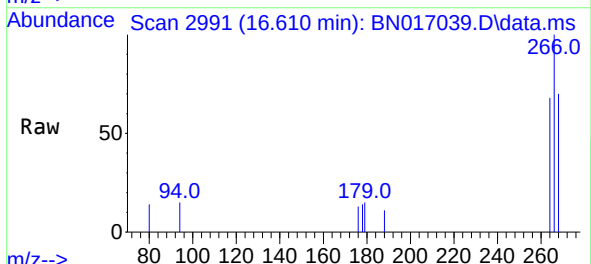
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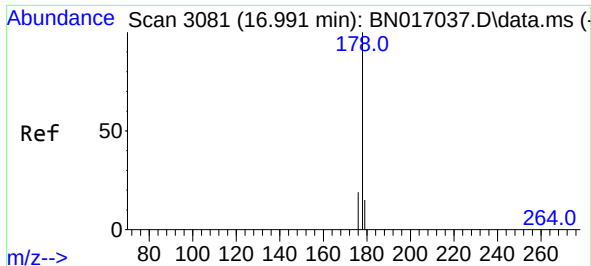
Tgt Ion:	166	Resp:	4109
Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.4
167	15.1	11.2	16.8



#14
Pentachlorophenol
Concen: 0.422 ng/ul
RT: 16.610 min Scan# 2991
Delta R.T. -0.002 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

Tgt Ion:	266	Resp:	718
Ion	Ratio	Lower	Upper
266	100		
264	63.4	49.8	74.6
268	65.5	50.5	75.7

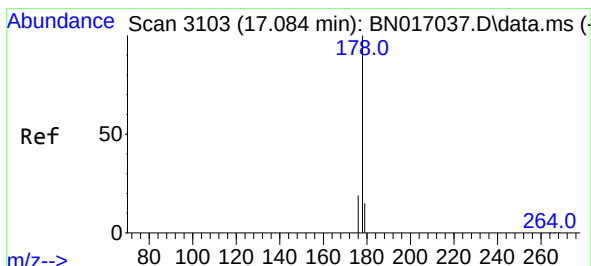
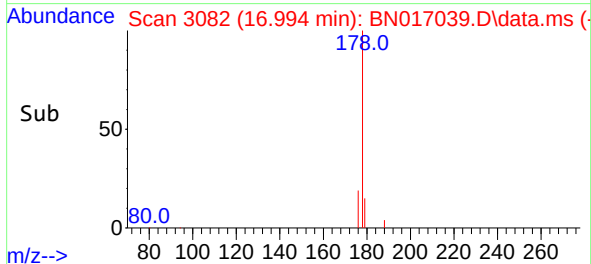
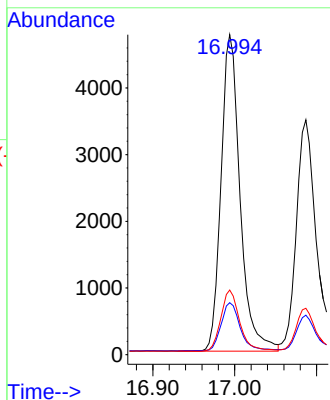
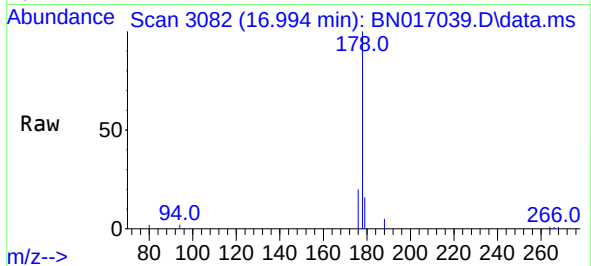




#15
Phenanthrene
Concen: 0.341 ng/ul
RT: 16.994 min Scan# 3082
Delta R.T. 0.003 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

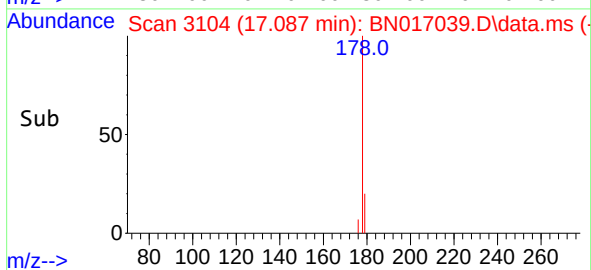
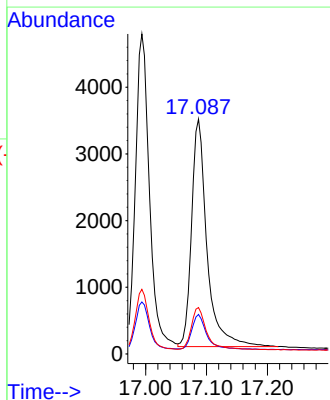
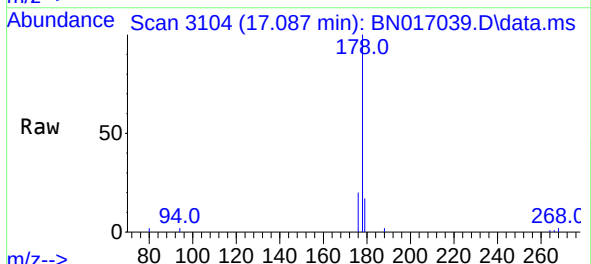
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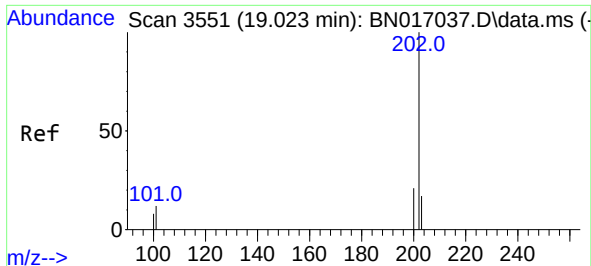
Tgt Ion:178	Resp:	7649
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.6 19.0
176	20.2	15.9 23.9



#16
Anthracene
Concen: 0.318 ng/ul
RT: 17.087 min Scan# 3104
Delta R.T. 0.003 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

Tgt Ion:178	Resp:	6019
Ion Ratio	Lower	Upper
178	100	
179	16.8	12.9 19.3
176	19.8	15.0 22.6

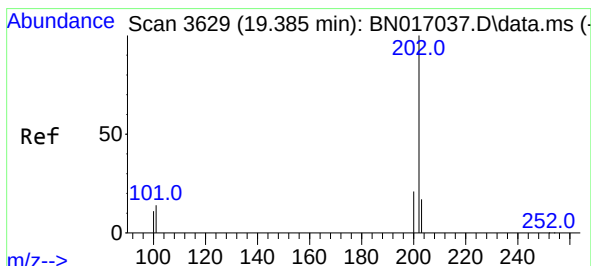
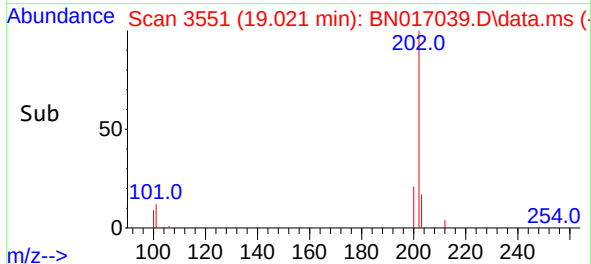
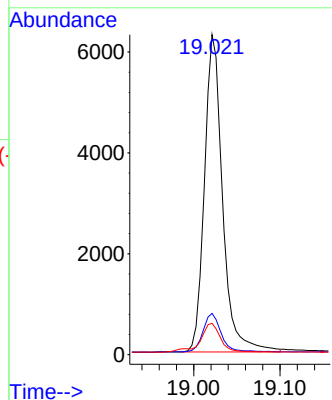
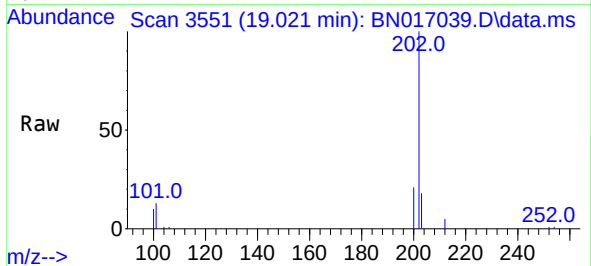




#19
Fluoranthene
Concen: 0.343 ng/u1
RT: 19.021 min Scan# 3551
Delta R.T. -0.002 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

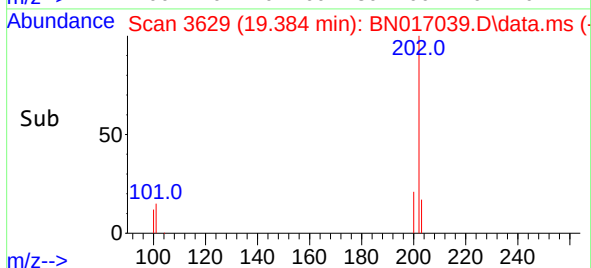
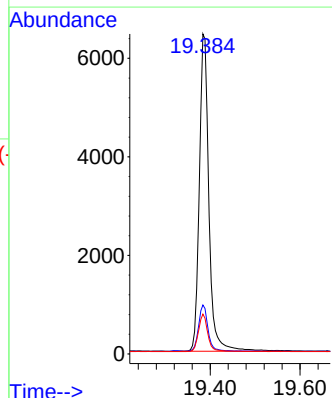
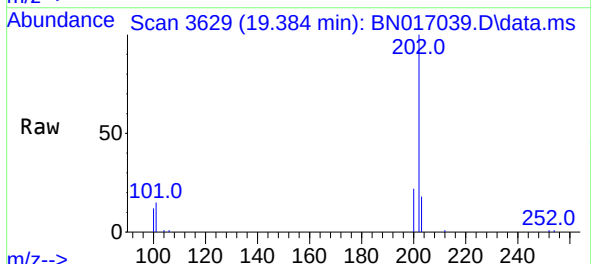
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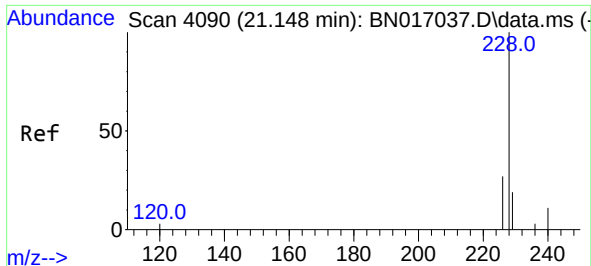
Tgt Ion:	202	Resp:	9214
Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	16.0
100	9.8	7.9	11.9



#20
Pyrene
Concen: 0.346 ng/u1
RT: 19.384 min Scan# 3629
Delta R.T. -0.002 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

Tgt Ion:	202	Resp:	9557
Ion	Ratio	Lower	Upper
202	100		
101	15.3	11.6	17.4
100	12.5	9.3	13.9

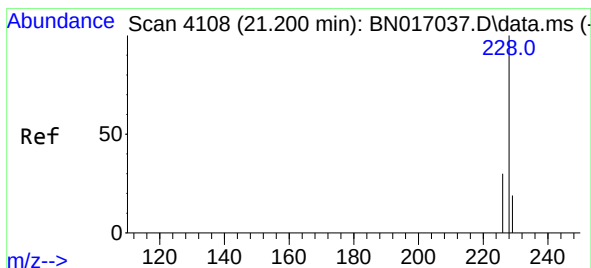
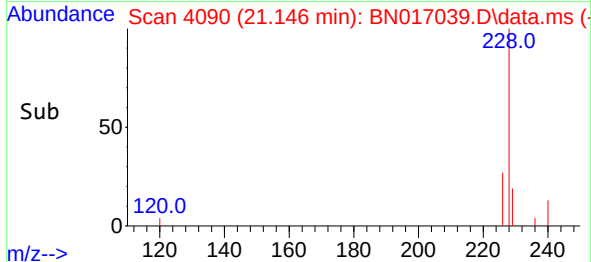
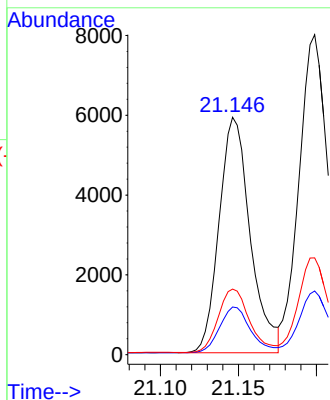
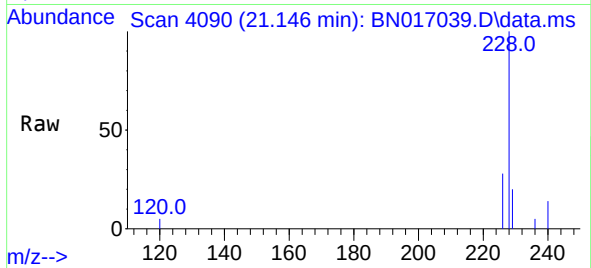




#21
Benzo(a)anthracene
Concen: 0.321 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. -0.002 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

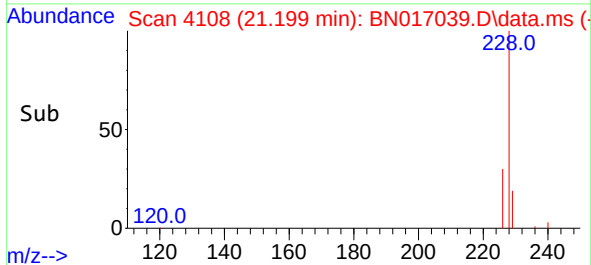
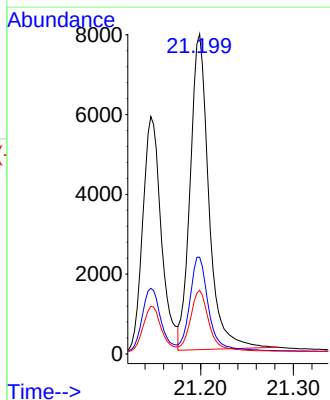
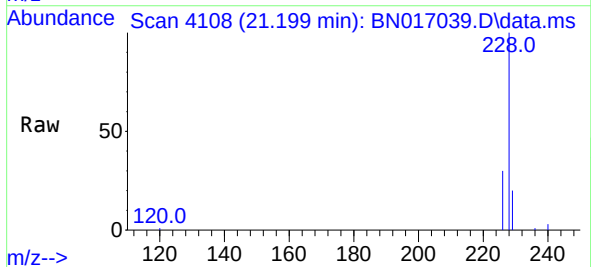
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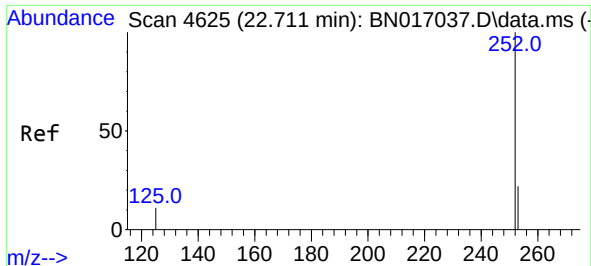
Tgt Ion:	228	Resp:	8205
Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	27.6	22.0	33.0



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.199 min Scan# 4108
Delta R.T. -0.002 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

Tgt Ion:	228	Resp:	11027
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.9	15.8	23.8

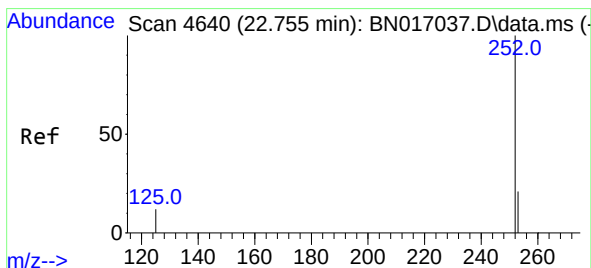
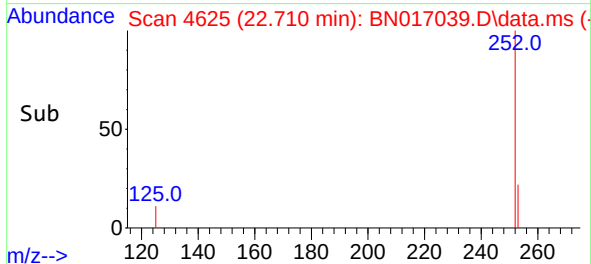
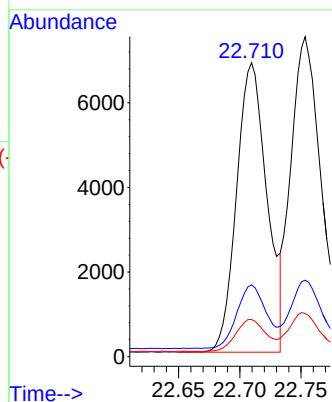
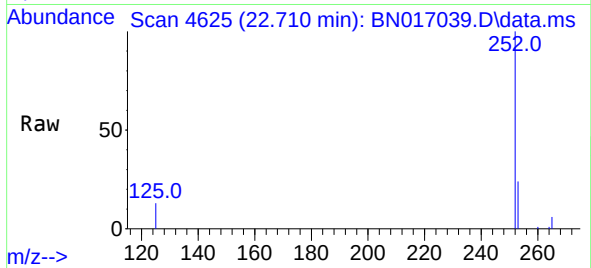




#24
Benzo(b)fluoranthene
Concen: 0.349 ng/ul
RT: 22.710 min Scan# 4625
Delta R.T. -0.002 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

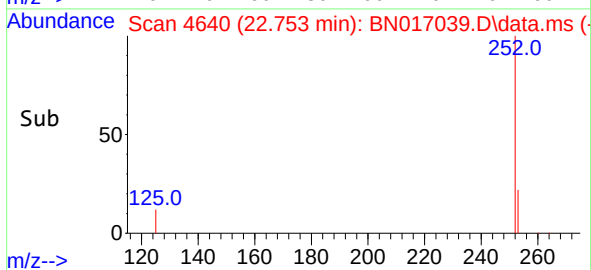
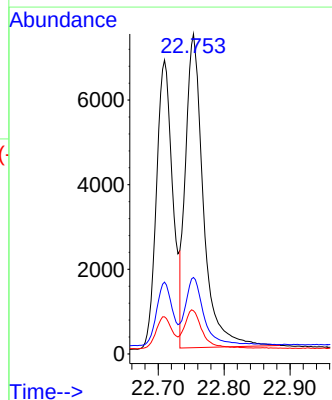
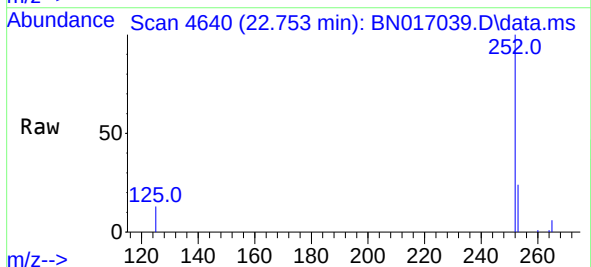
Instrument :
BNA_N
ClientSampleId :
SLCS017

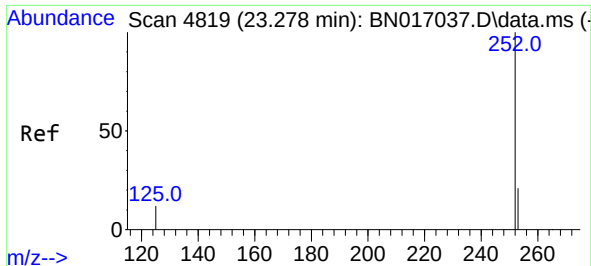
Tgt Ion:252 Resp: 11834
Ion Ratio Lower Upper
252 100
253 24.4 0.0 47.4
125 12.6 0.0 24.6



#25
Benzo(k)fluoranthene
Concen: 0.371 ng/ul
RT: 22.753 min Scan# 4640
Delta R.T. -0.002 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

Tgt Ion:252 Resp: 13861
Ion Ratio Lower Upper
252 100
253 23.9 19.2 28.8
125 13.5 9.7 14.5

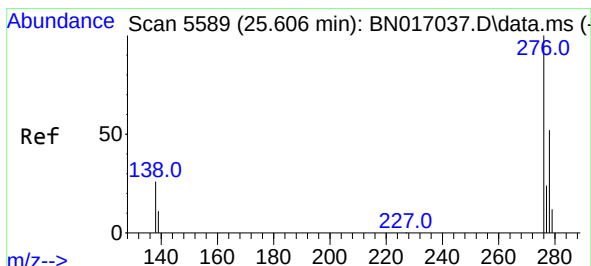
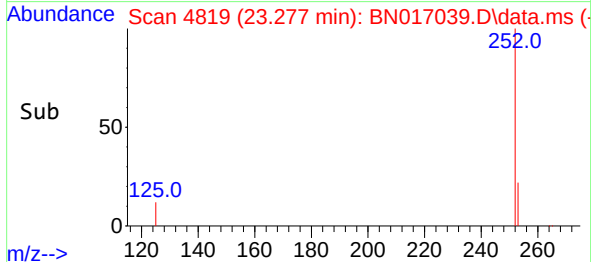
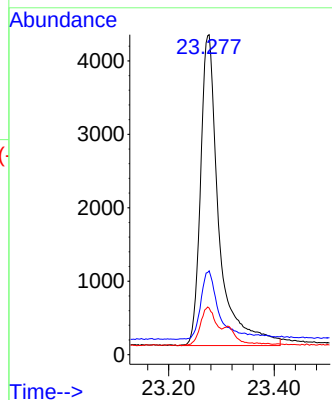
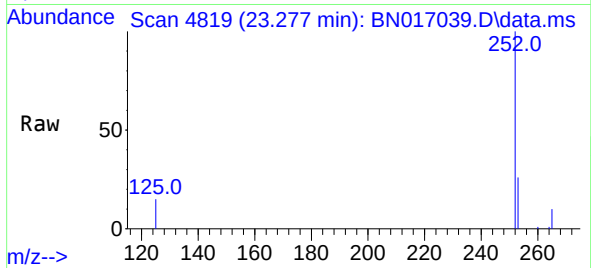




#26
Benzo(a)pyrene
Concen: 0.338 ng/ul
RT: 23.277 min Scan# 4819
Delta R.T. -0.002 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

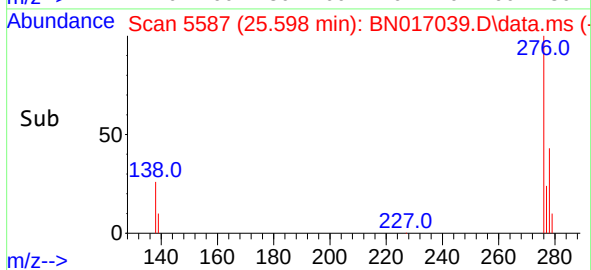
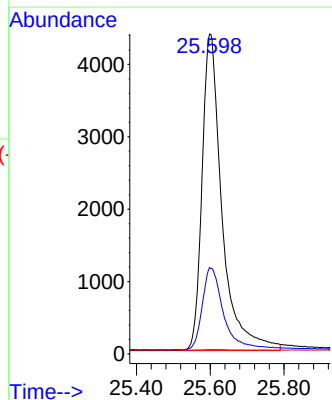
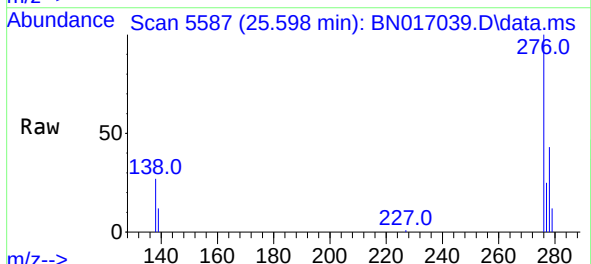
Instrument :
BNA_N
ClientSampleId :
SLCS017

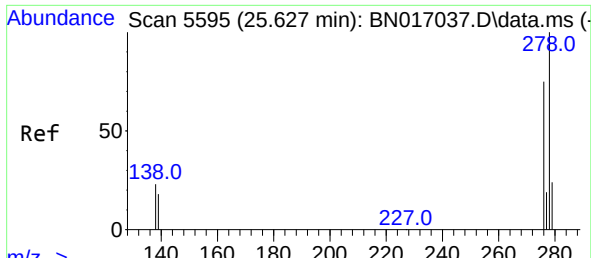
Tgt Ion:	252	Resp:	10237
Ion Ratio	Lower	Upper	
252	100		
253	26.2	19.8	29.6
125	14.6	10.9	16.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng/ul
RT: 25.598 min Scan# 5587
Delta R.T. -0.008 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

Tgt Ion:	276	Resp:	16434
Ion Ratio	Lower	Upper	
276	100		
138	27.7	21.8	32.8
227	0.2	0.2	0.2

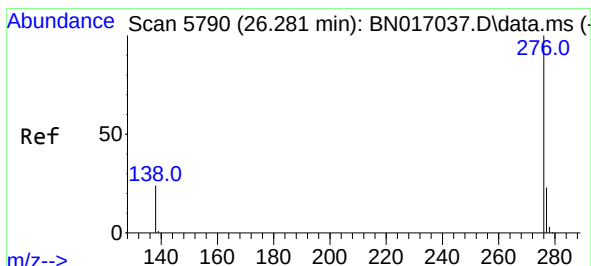
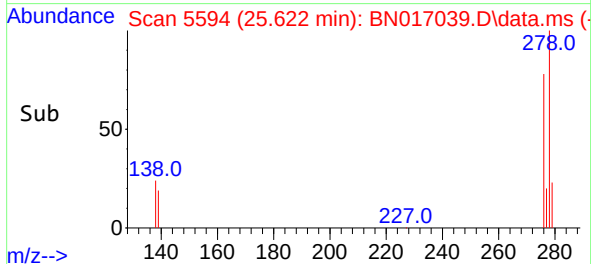
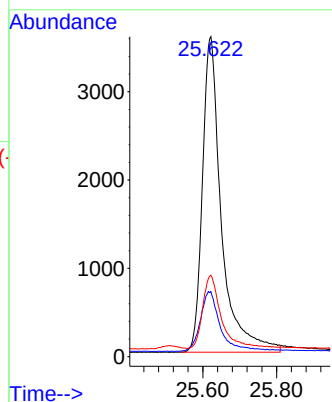
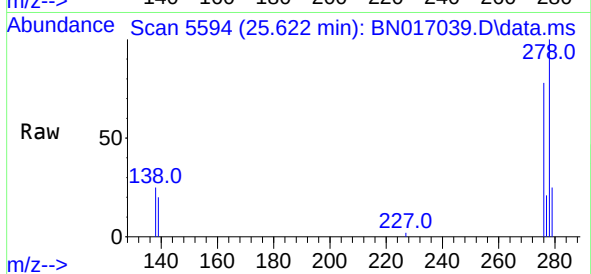




#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 25.622 min Scan# 5594
Delta R.T. -0.005 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

Instrument :
BNA_N
ClientSampleId :
SLCS017

Tgt Ion:278 Resp: 12787
Ion Ratio Lower Upper
278 100
139 20.4 15.2 22.8
279 25.4 19.9 29.9



#29
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 26.279 min Scan# 5790
Delta R.T. -0.002 min
Lab File: BN017039.D
Acq: 21 Oct 2021 10:03

Tgt Ion:276 Resp: 14025
Ion Ratio Lower Upper
276 100
138 23.8 19.8 29.6
277 24.3 19.4 29.0

