

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017137.D
 Acq On : 27 Oct 2021 21:21
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV235

Quant Time: Oct 28 01:22:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 28 01:21:35 2021
 Response via : Initial Calibration

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

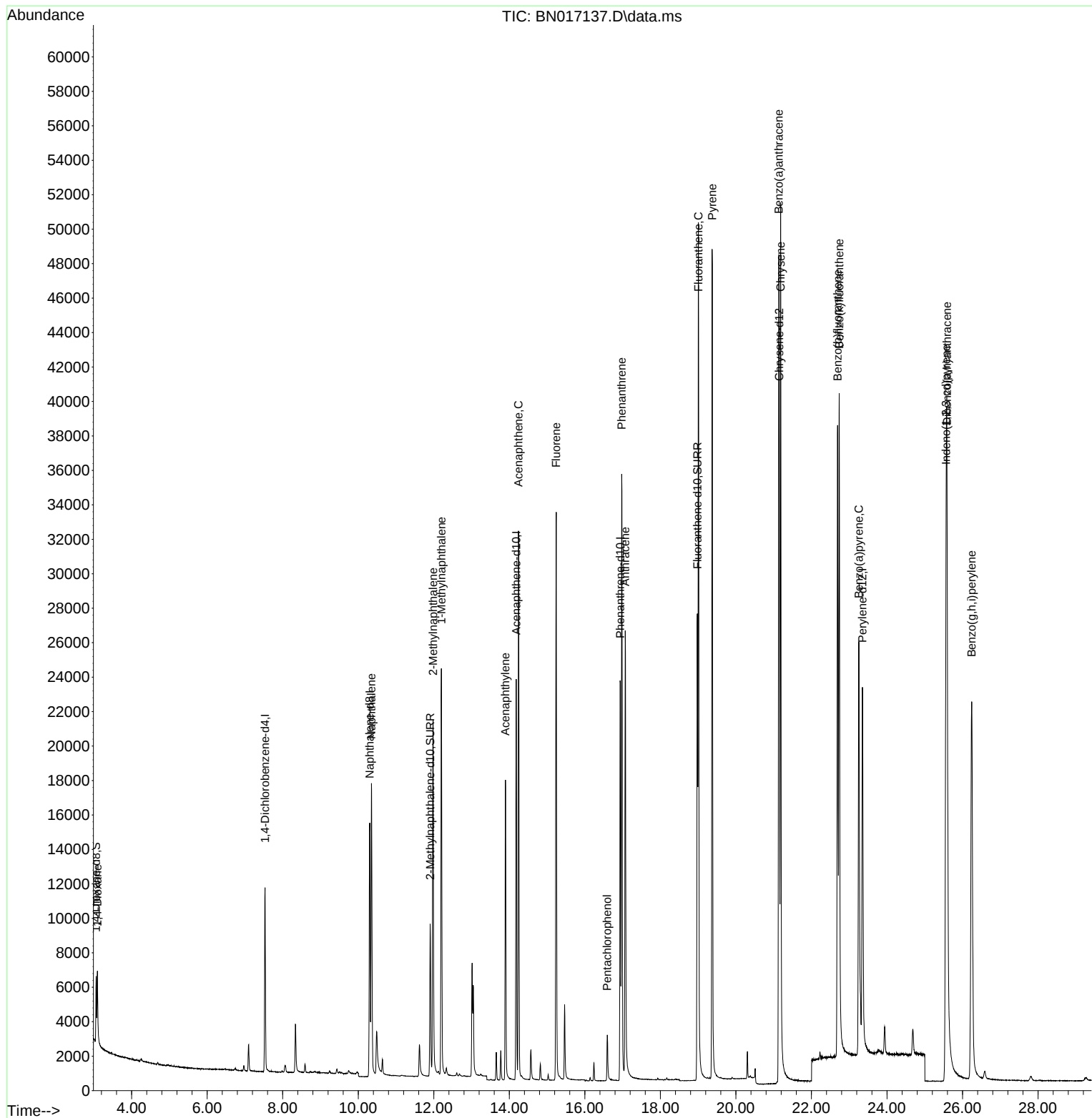
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	5522	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	20891	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	12814	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	27902	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	27995	0.400	ng/ul	0.00
23) Perylene-d12	23.350	264	28168	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	2659	0.433	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	12495	0.410	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	31559	0.430	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.092	88	2854	0.433	ng/ul#	87
5) Naphthalene	10.348	128	24120	0.417	ng/ul	100
7) 2-Methylnaphthalene	11.982	142	16390	0.409	ng/ul	100
8) 1-Methylnaphthalene	12.201	142	16849	0.411	ng/ul	100
10) Acenaphthylene	13.896	152	20895	0.412	ng/ul	100
11) Acenaphthene	14.243	153	18735	0.421	ng/ul	99
12) Fluorene	15.243	166	21716	0.418	ng/ul	100
14) Pentachlorophenol	16.593	266	2080	0.331	ng/ul	99
15) Phenanthrene	16.977	178	37730	0.426	ng/ul	99
16) Anthracene	17.070	178	30757	0.419	ng/ul	100
19) Fluoranthene	19.007	202	43267	0.432	ng/ul	100
20) Pyrene	19.374	202	43888	0.427	ng/ul	100
21) Benzo(a)anthracene	21.134	228	37764	0.412	ng/ul	100
22) Chrysene	21.184	228	44981	0.433	ng/ul	100
24) Benzo(b)fluoranthene	22.692	252	44214	0.421	ng/ul	99
25) Benzo(k)fluoranthene	22.736	252	51872	0.436	ng/ul	99
26) Benzo(a)pyrene	23.256	252	39297	0.417	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.565	276	56708	0.424	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.588	278	44673	0.423	ng/ul	99
29) Benzo(g,h,i)perylene	26.242	276	48126	0.426	ng/ul	99

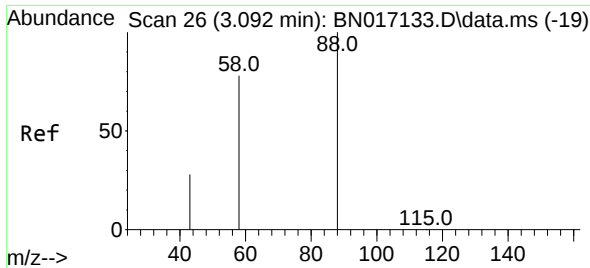
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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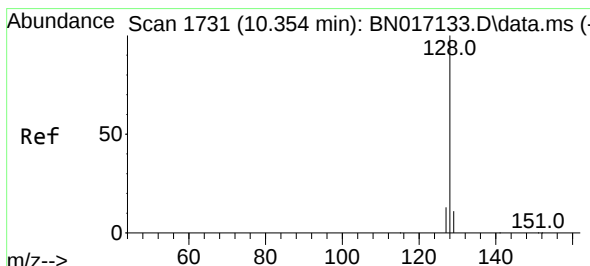
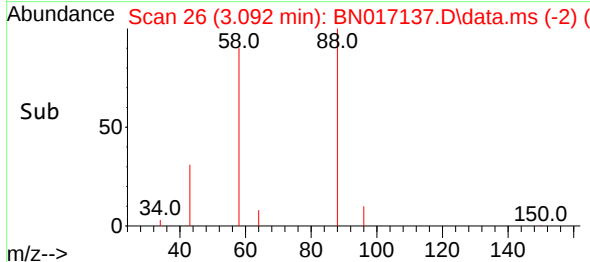
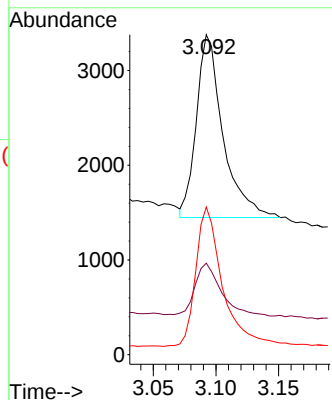
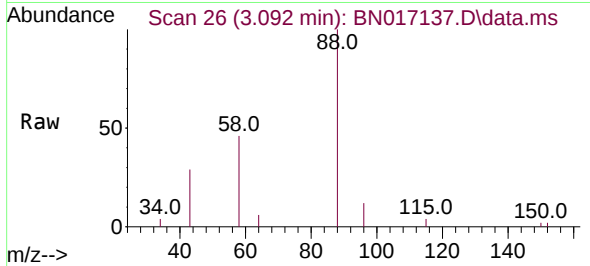




#2
1,4-Dioxane
Concen: 0.433 ng/ul
RT: 3.092 min Scan# 26
Delta R.T. -0.000 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

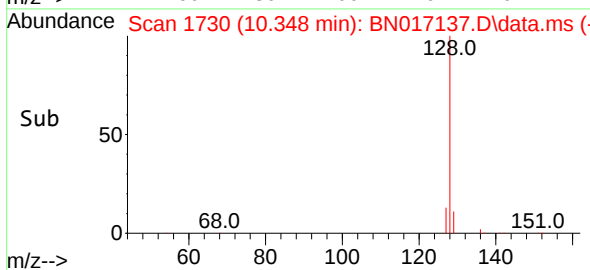
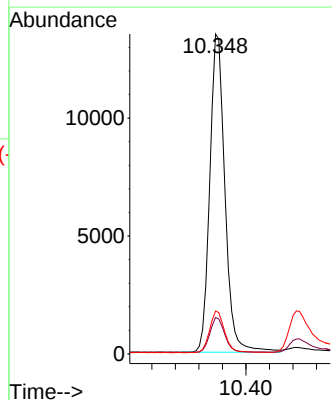
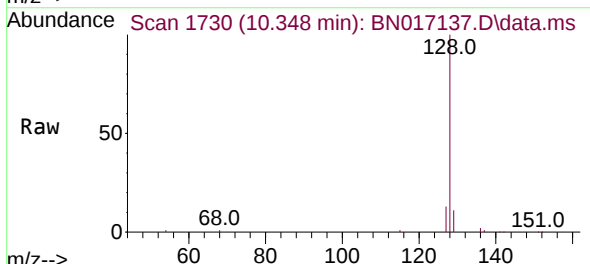
Instrument :
BNA_N
ClientSampleId :
SICV235

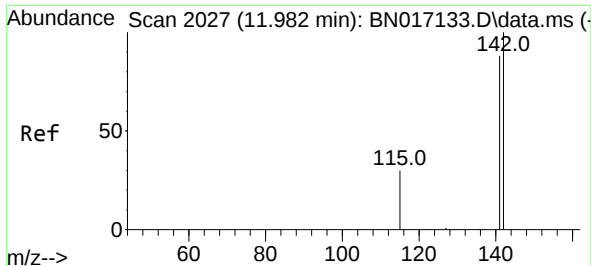
Tgt Ion: 88 Resp: 2854
Ion Ratio Lower Upper
88 100
43 28.6 31.8 47.6#
58 46.1 41.9 62.9



#5
Naphthalene
Concen: 0.417 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

Tgt Ion:128 Resp: 24120
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.4 10.8 16.2

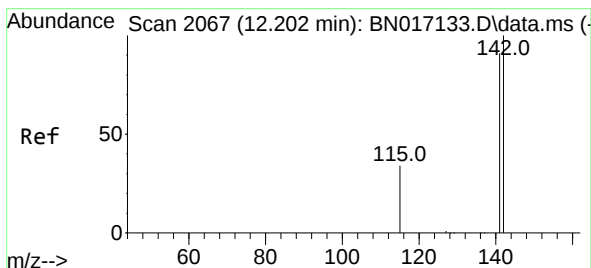
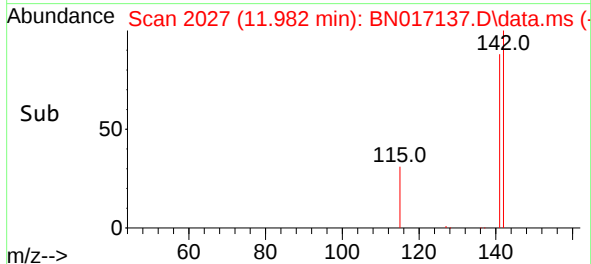
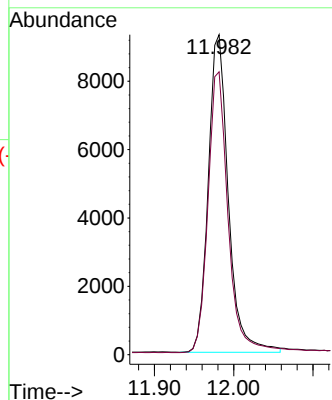
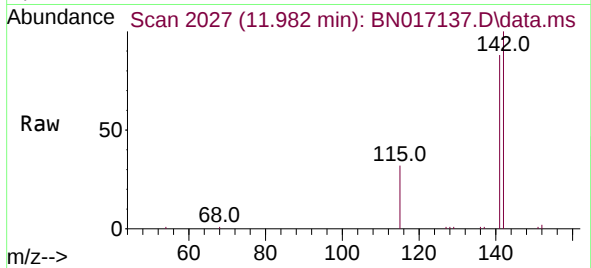




#7
2-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

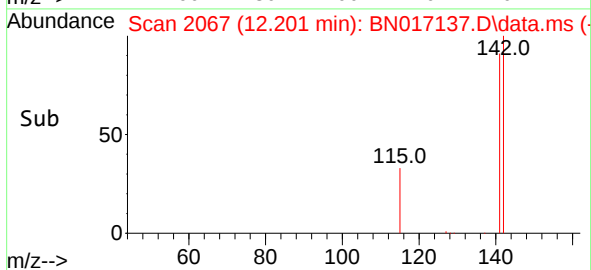
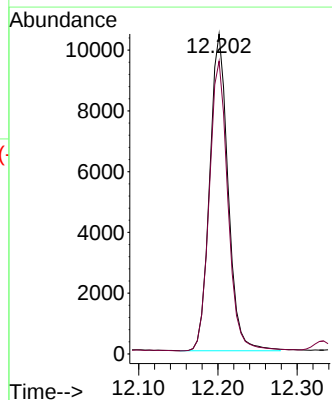
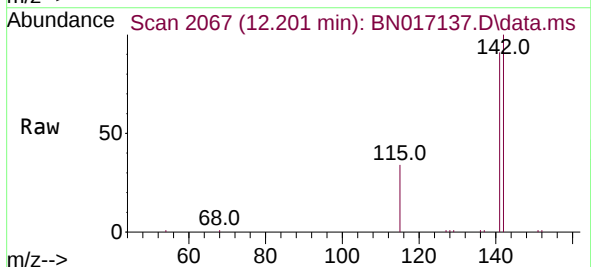
Instrument :
BNA_N
ClientSampled :
SICV235

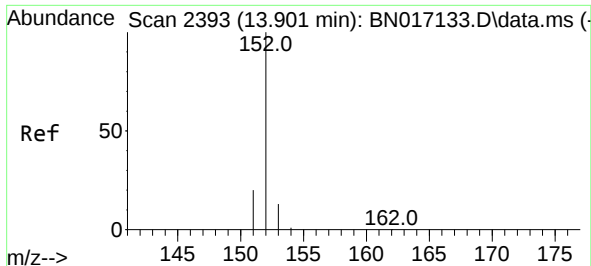
Tgt Ion:142 Resp: 16390
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.201 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

Tgt Ion:142 Resp: 16849
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.8

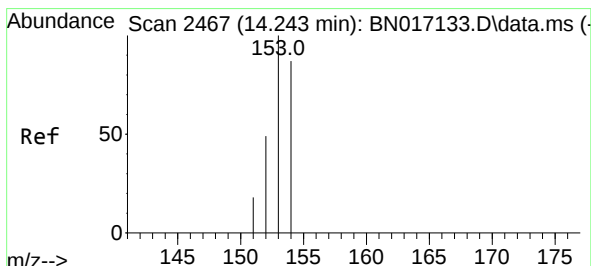
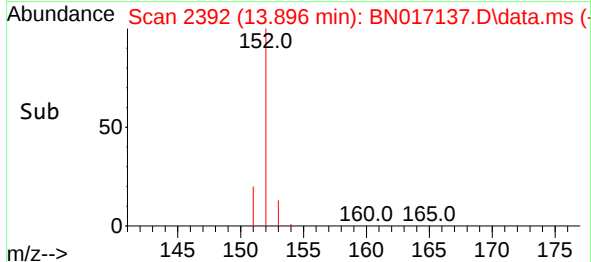
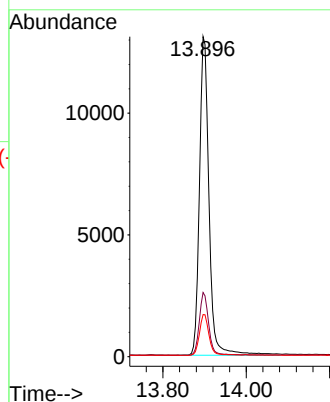
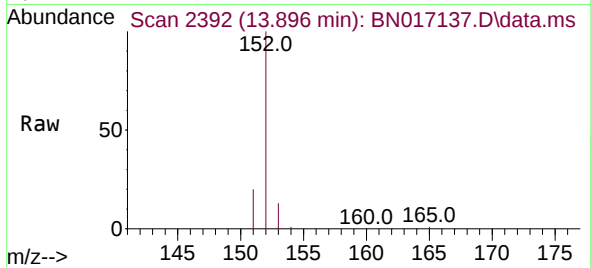




#10
Acenaphthylene
Concen: 0.412 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.005 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

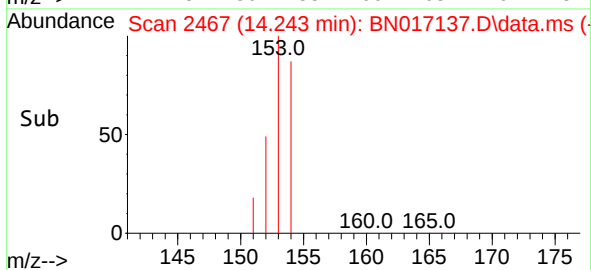
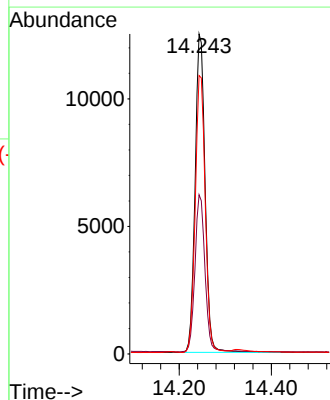
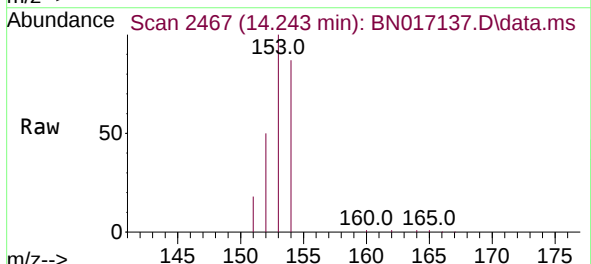
Instrument :
BNA_N
ClientSampleId :
SICV235

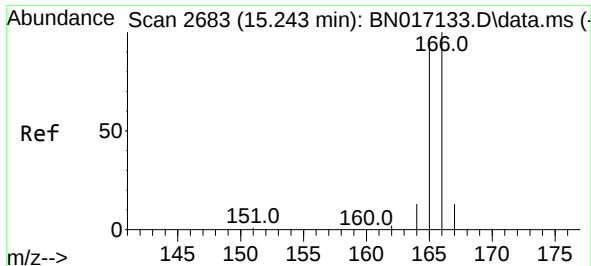
Tgt Ion:152	Resp: 20895
Ion Ratio	Lower Upper
152	100
151	20.0 16.0 24.0
153	13.1 10.8 16.2



#11
Acenaphthene
Concen: 0.421 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.000 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

Tgt Ion:153	Resp: 18735
Ion Ratio	Lower Upper
153	100
152	49.8 39.5 59.3
154	87.0 70.0 105.0

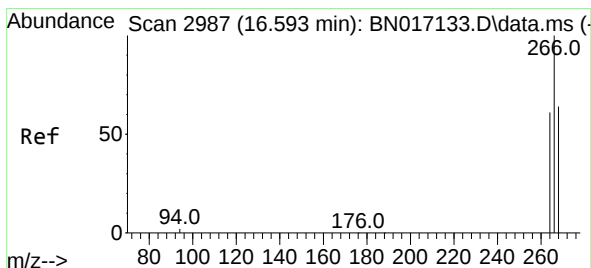
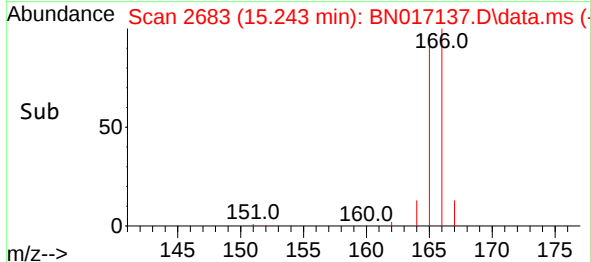
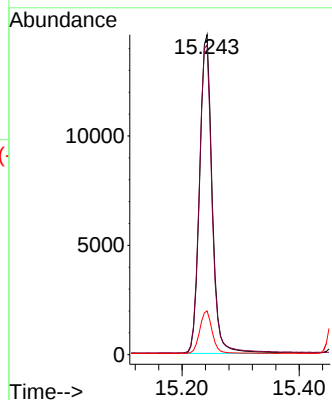
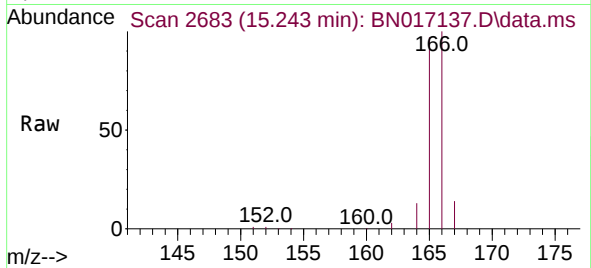




#12
Fluorene
Concen: 0.418 ng/ul
RT: 15.243 min Scan# 2683
Delta R.T. -0.000 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

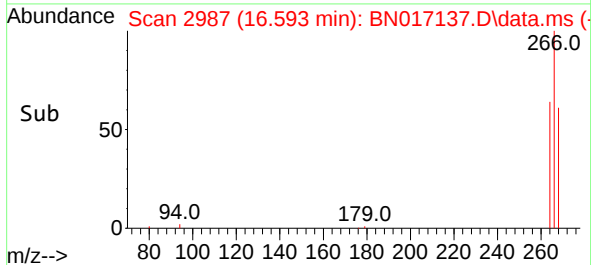
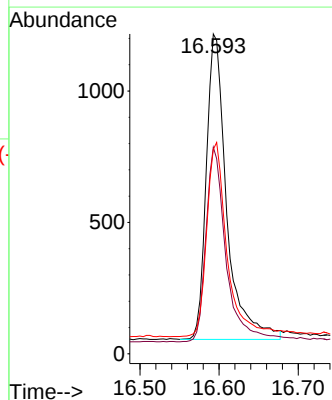
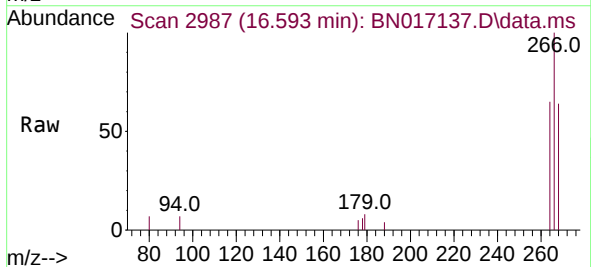
Instrument :
BNA_N
ClientSampleId :
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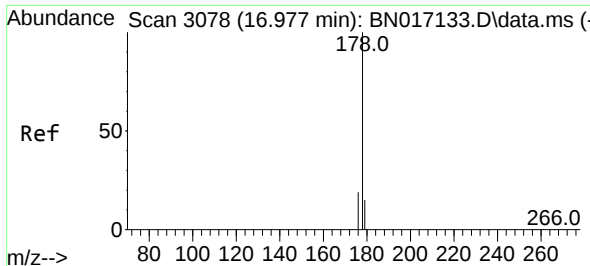
Tgt Ion:166 Resp: 21716
Ion Ratio Lower Upper
166 100
165 96.8 77.7 116.5
167 13.7 11.1 16.7



#14
Pentachlorophenol
Concen: 0.331 ng/ul
RT: 16.593 min Scan# 2987
Delta R.T. -0.000 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

Tgt Ion:266 Resp: 2080
Ion Ratio Lower Upper
266 100
264 62.8 49.9 74.9
268 63.7 51.2 76.8

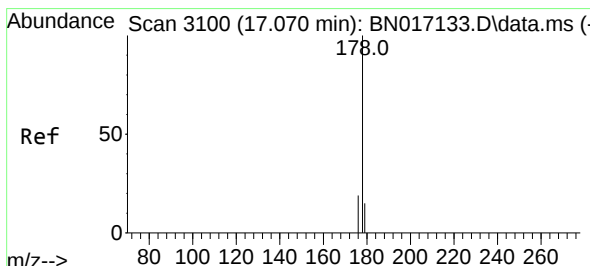
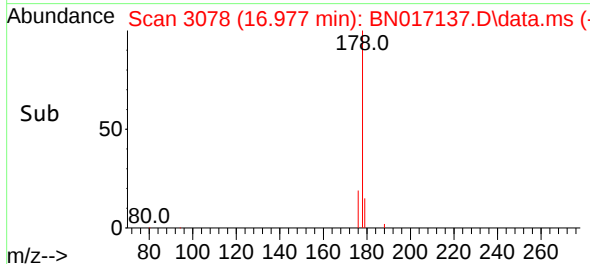
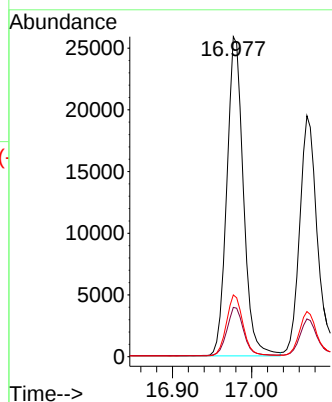
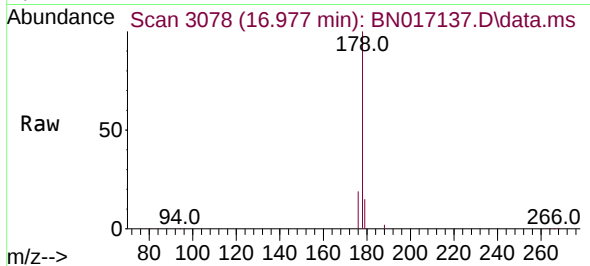




#15
Phenanthrene
Concen: 0.426 ng/ul
RT: 16.977 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

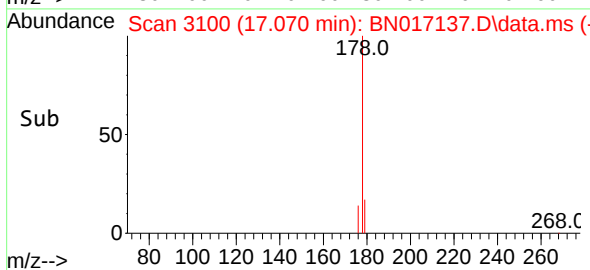
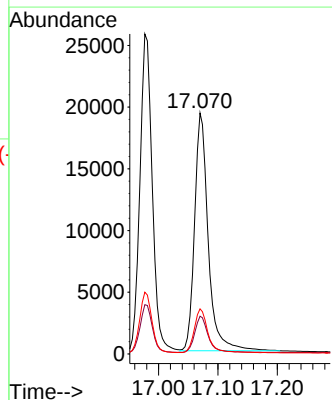
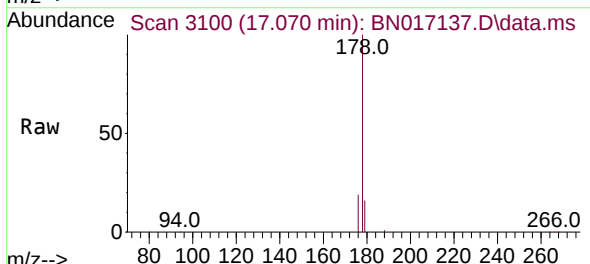
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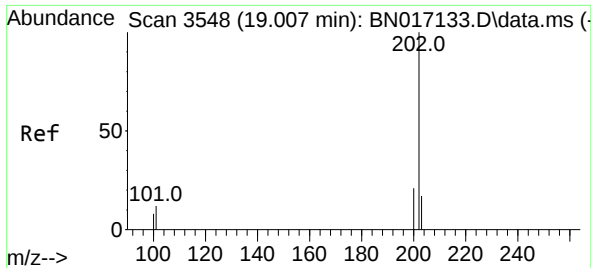
Tgt Ion:178	Resp:	37730
Ion Ratio	Lower	Upper
178	100	
179	15.4	12.6 19.0
176	19.3	15.5 23.3



#16
Anthracene
Concen: 0.419 ng/ul
RT: 17.070 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

Tgt Ion:178	Resp:	30757
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.6 19.0
176	18.7	15.2 22.8

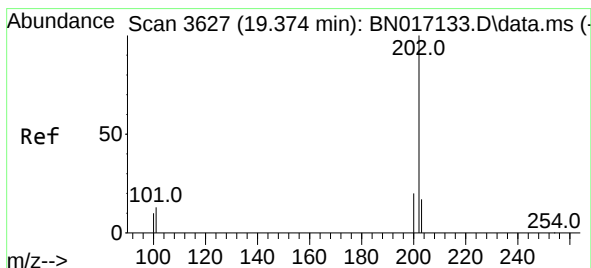
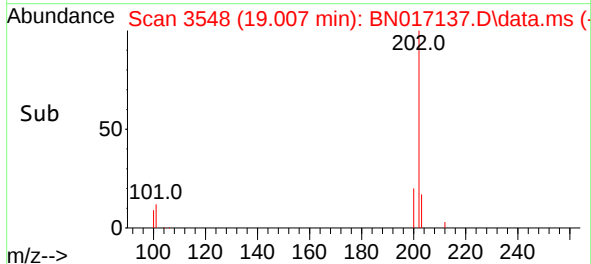
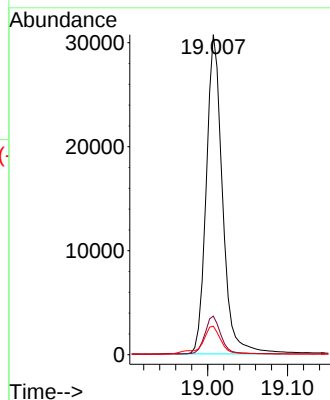
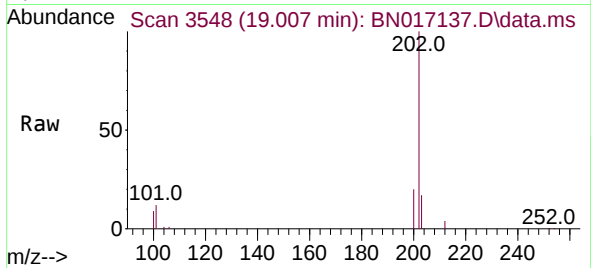




#19
Fluoranthene
Concen: 0.432 ng/ul
RT: 19.007 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

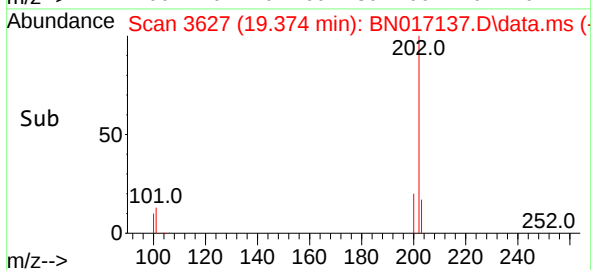
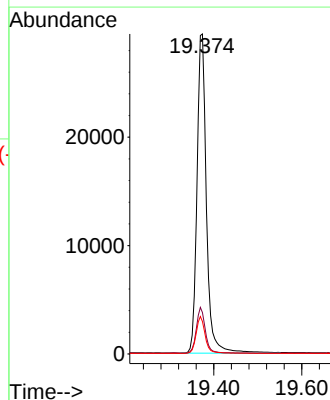
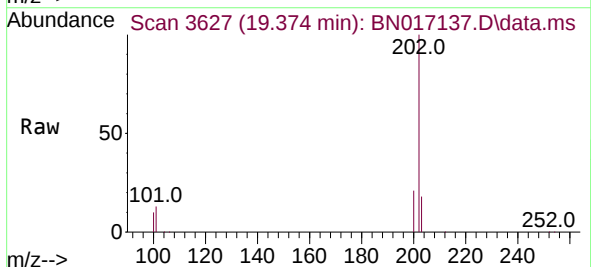
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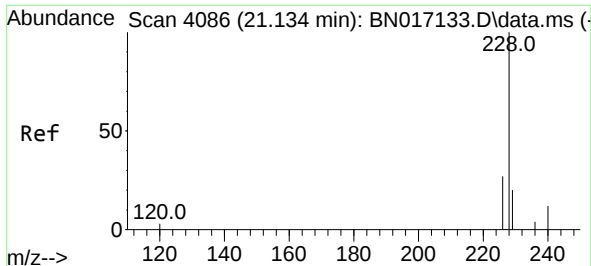
Tgt Ion:202 Resp: 43267
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 8.9 7.2 10.8



#20
Pyrene
Concen: 0.427 ng/ul
RT: 19.374 min Scan# 3627
Delta R.T. -0.000 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

Tgt Ion:202 Resp: 43888
Ion Ratio Lower Upper
202 100
101 13.0 10.3 15.5
100 10.1 8.2 12.2

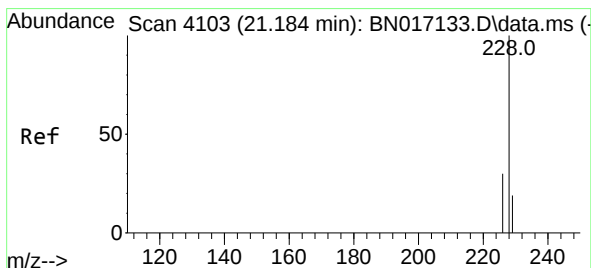
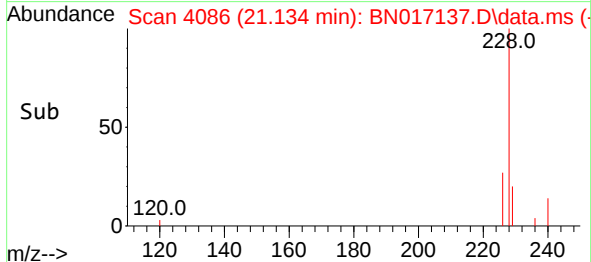
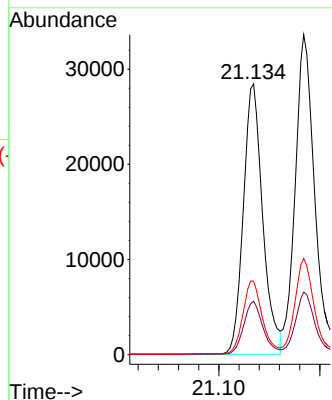
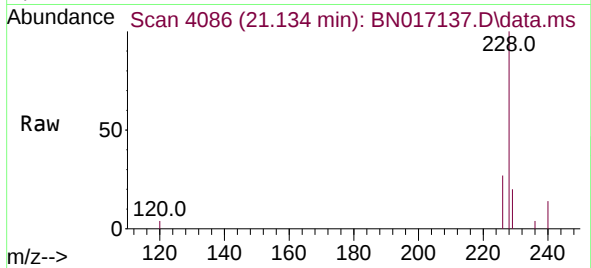




#21
Benzo(a)anthracene
Concen: 0.412 ng/ul
RT: 21.134 min Scan# 4086
Delta R.T. -0.000 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

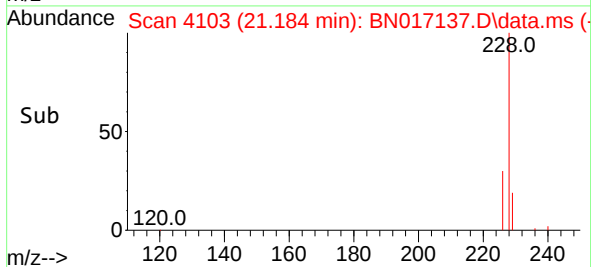
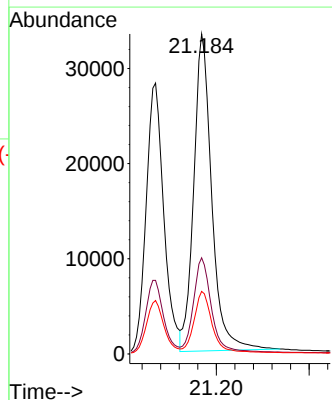
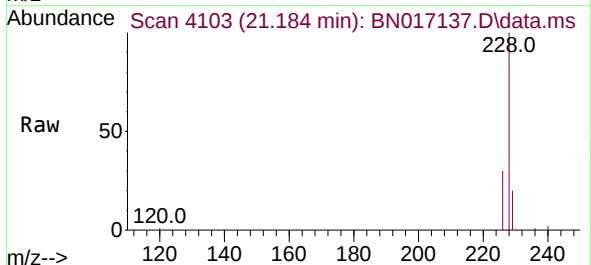
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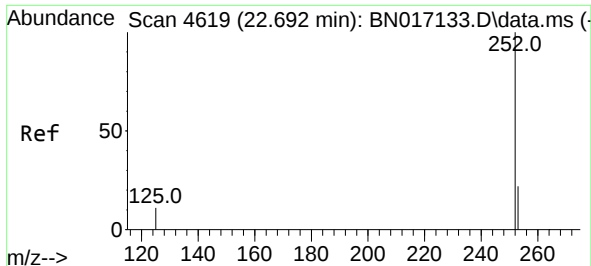
Tgt Ion:	228	Resp:	37764
Ion Ratio	Lower	Upper	
228	100		
229	19.7	16.1	24.1
226	27.2	21.7	32.5



#22
Chrysene
Concen: 0.433 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. -0.000 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

Tgt Ion:	228	Resp:	44981
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.1	36.1
229	19.5	15.4	23.2

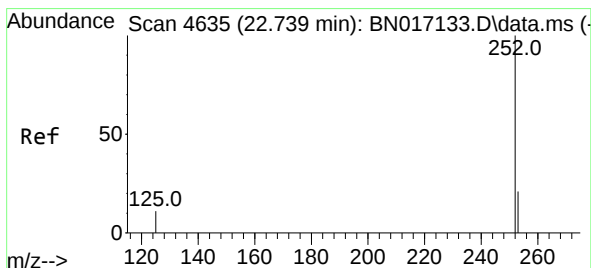
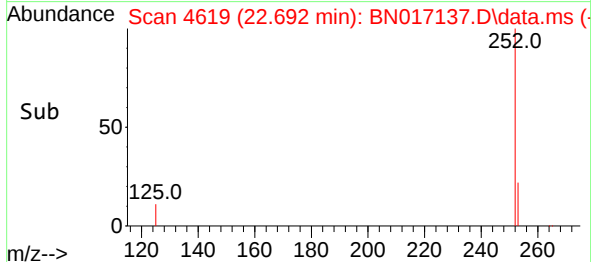
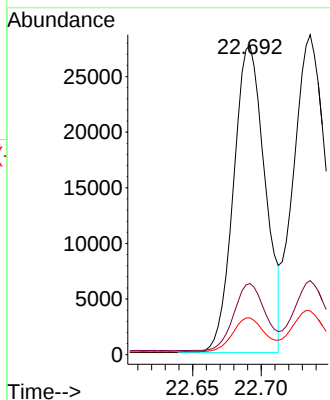
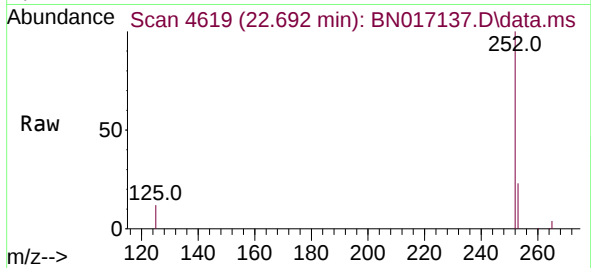




#24
Benzo(b)fluoranthene
Concen: 0.421 ng/ul
RT: 22.692 min Scan# 4619
Delta R.T. -0.000 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

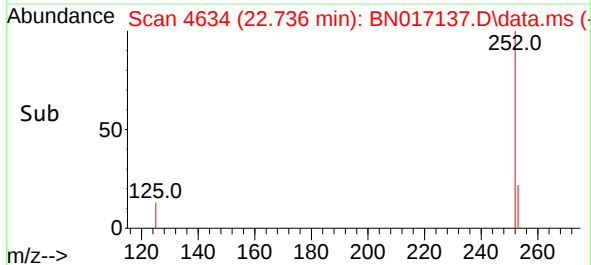
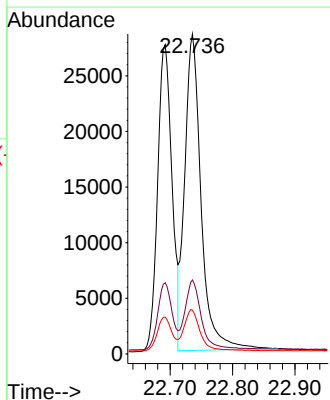
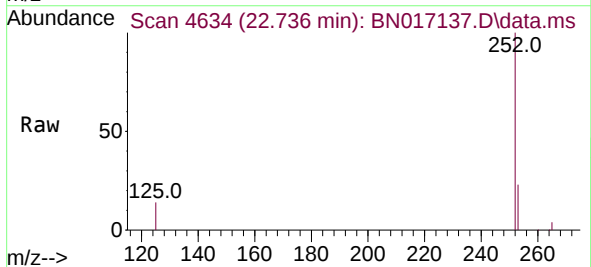
Instrument :
BNA_N
ClientSampled :
SICV235

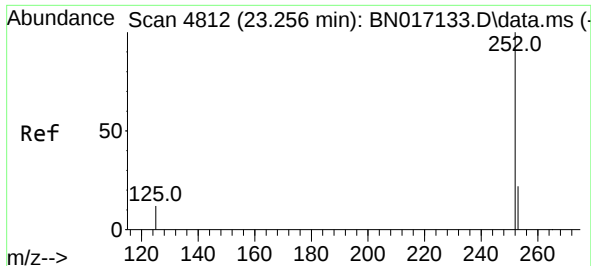
Tgt Ion:252 Resp: 44214
Ion Ratio Lower Upper
252 100
253 23.0 0.0 46.8
125 11.9 0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 0.436 ng/ul
RT: 22.736 min Scan# 4634
Delta R.T. -0.003 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

Tgt Ion:252 Resp: 51872
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 13.7 10.0 15.0

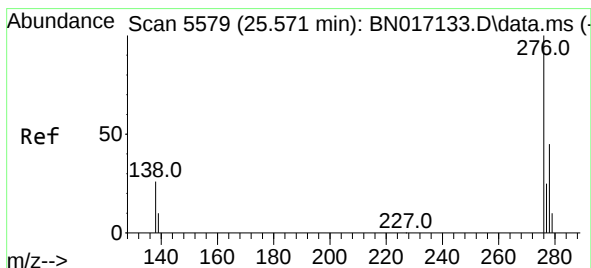
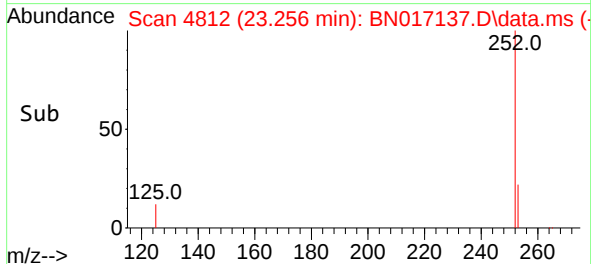
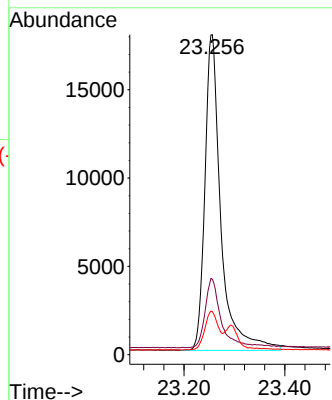
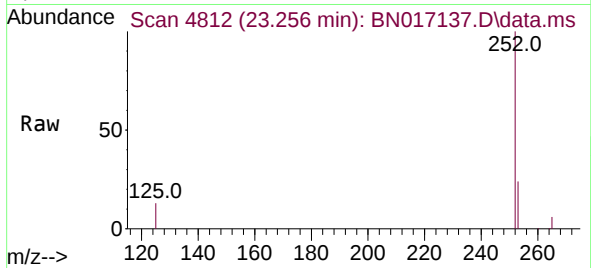




#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 23.256 min Scan# 4812
Delta R.T. -0.000 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

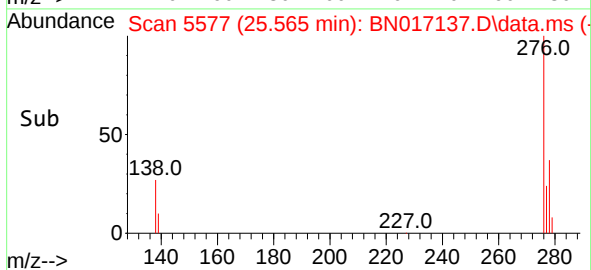
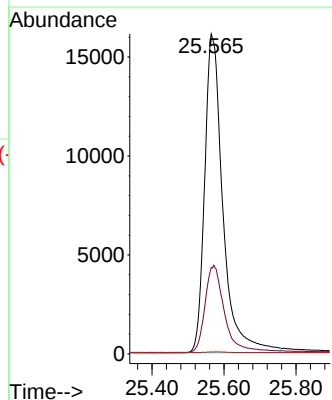
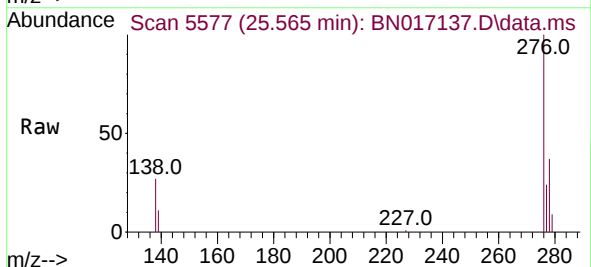
Instrument :
BNA_N
ClientSampleId :
SICV235

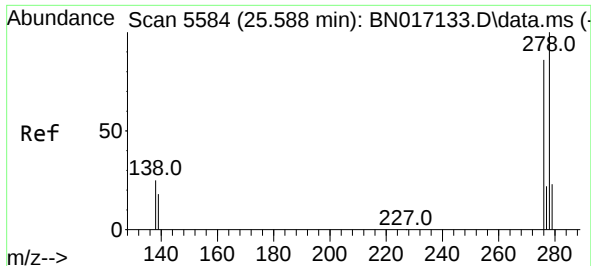
Tgt Ion:	252	Resp:	39297
Ion Ratio	Lower	Upper	
252	100		
253	23.6	19.3	28.9
125	13.5	10.8	16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng/ul
RT: 25.565 min Scan# 5577
Delta R.T. -0.007 min
Lab File: BN017137.D
Acq: 27 Oct 2021 21:21

Tgt Ion:	276	Resp:	56708
Ion Ratio	Lower	Upper	
276	100		
138	29.1	22.2	33.4
227	0.2	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.423 ng/ul

RT: 25.588 min Scan# 5584

Delta R.T. -0.000 min

Lab File: BN017137.D

Acq: 27 Oct 2021 21:21

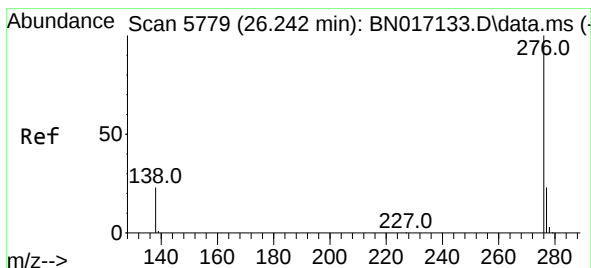
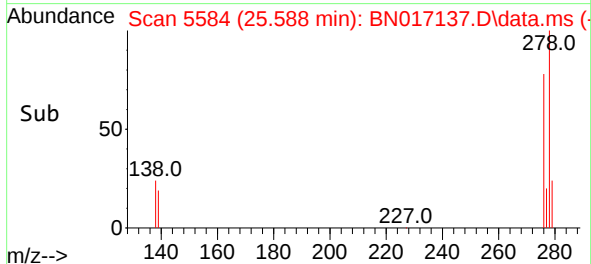
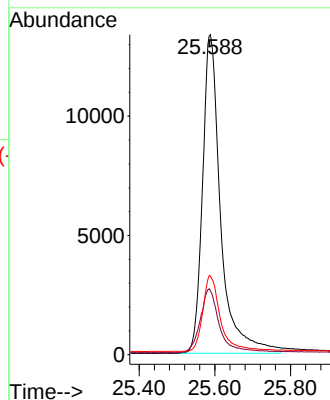
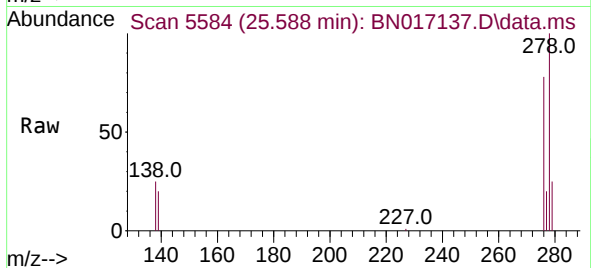
Instrument :

BNA_N

ClientSampleId :

SICV235

Tgt Ion:	278	Resp:	44673
Ion Ratio	Lower	Upper	
278	100		
139	20.0	15.4	23.0
279	24.6	19.5	29.3



#29

Benzo(g,h,i)perylene

Concen: 0.426 ng/ul

RT: 26.242 min Scan# 5779

Delta R.T. -0.000 min

Lab File: BN017137.D

Acq: 27 Oct 2021 21:21

Tgt Ion:	276	Resp:	48126
Ion Ratio	Lower	Upper	
276	100		
138	24.5	19.2	28.8
277	23.6	19.0	28.6

