

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110821\
 Data File : BN017331.D
 Acq On : 08 Nov 2021 12:11
 Operator : CG/JU
 Sample : PB140351BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS351

Quant Time: Nov 08 12:49:37 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 : Mon Nov 08 11:43:44 2021
 Response via : Initial Calibration

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

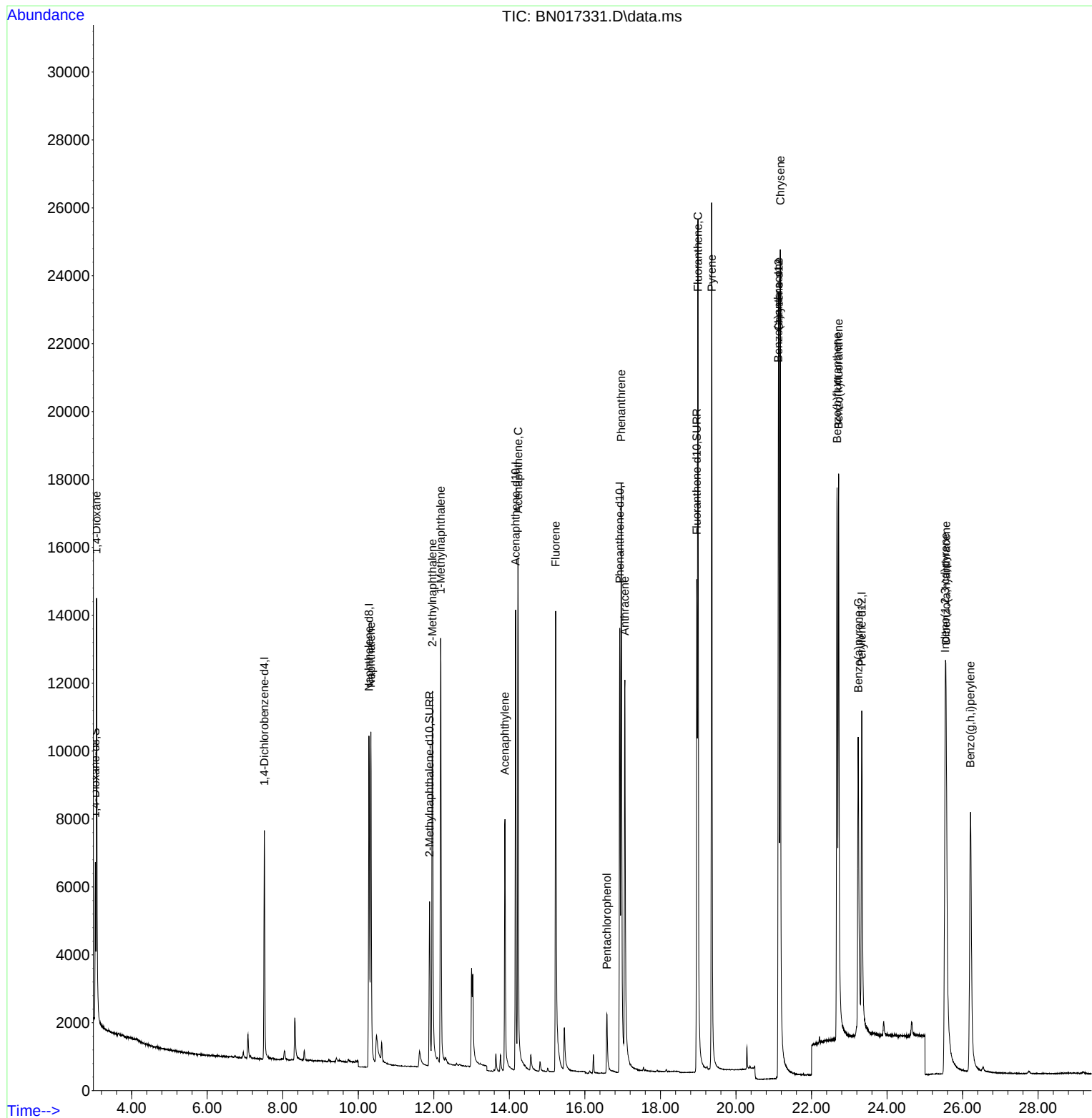
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.515	152	3694	0.400	ng/ul	0.00
4) Naphthalene-d8	10.284	136	14429	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.166	164	7822	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.924	188	17575	0.400	ng/ul	0.00
17) Chrysene-d12	21.136	240	15572	0.400	ng/ul	0.00
23) Perylene-d12	23.331	264	13171	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	2903	0.707	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152	7473	0.355	ng/ul	0.00
18) Fluoranthene-d10	18.962	212	17976	0.440	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.072	88	7711	1.748	ng/ul#	79
5) Naphthalene	10.333	128	14514	0.363	ng/ul	100
7) 2-Methylnaphthalene	11.961	142	9448	0.342	ng/ul	100
8) 1-Methylnaphthalene	12.181	142	9514	0.336	ng/ul	100
10) Acenaphthylene	13.884	152	10570	0.342	ng/ul	100
11) Acenaphthene	14.231	153	9890	0.364	ng/ul	99
12) Fluorene	15.226	166	11941	0.377	ng/ul	99
14) Pentachlorophenol	16.582	266	1609	0.406	ng/ul	99
15) Phenanthrene	16.966	178	20966	0.376	ng/ul	100
16) Anthracene	17.059	178	16515	0.357	ng/ul	100
19) Fluoranthene	18.995	202	23927	0.429	ng/ul	99
20) Pyrene	19.357	202	24436	0.428	ng/ul	98
21) Benzo(a)anthracene	21.121	228	17190	0.337	ng/ul	99
22) Chrysene	21.174	228	23330	0.403	ng/ul	99
24) Benzo(b)fluoranthene	22.676	252	20338	0.414	ng/ul	99
25) Benzo(k)fluoranthene	22.717	252	24556	0.441	ng/ul	98
26) Benzo(a)pyrene	23.237	252	16684	0.379	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.539	276	21093	0.338	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.563	278	16181	0.327	ng/ul	97
29) Benzo(g,h,i)perylene	26.210	276	18583	0.351	ng/ul	99

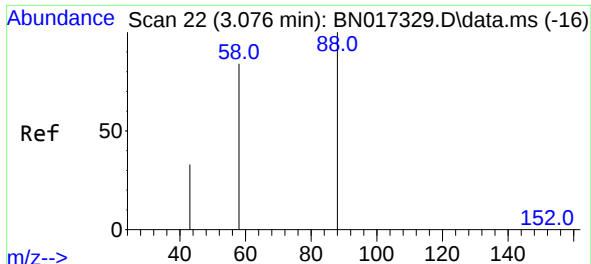
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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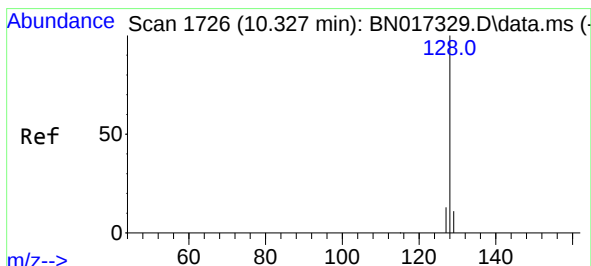
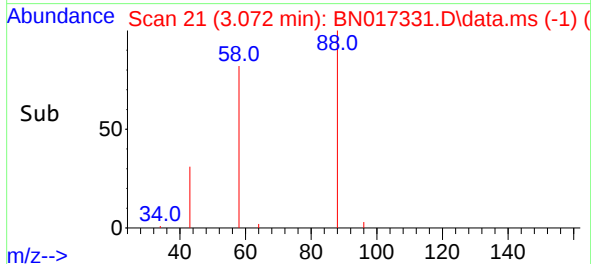
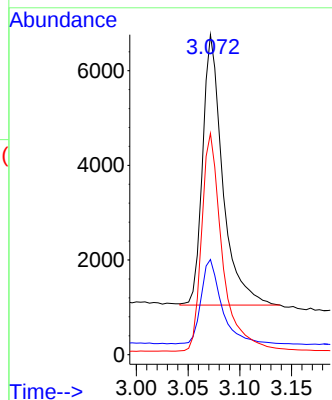
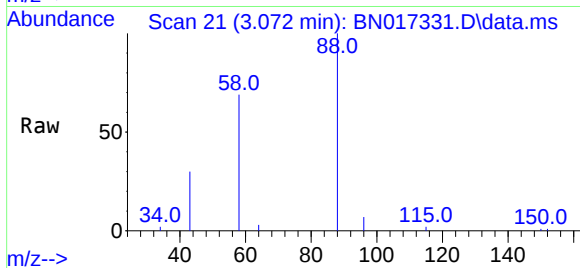




#2
1,4-Dioxane
Concen: 1.748 ng/ul
RT: 3.072 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

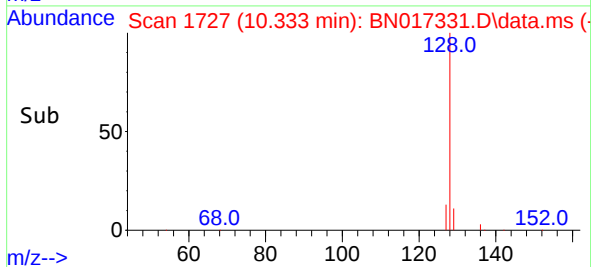
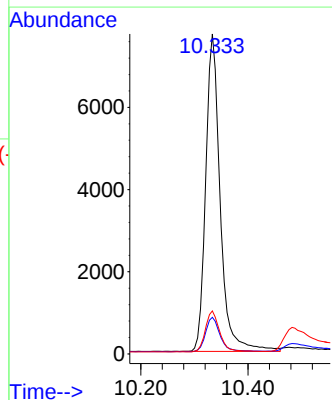
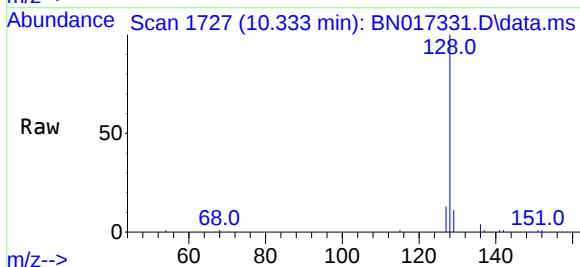
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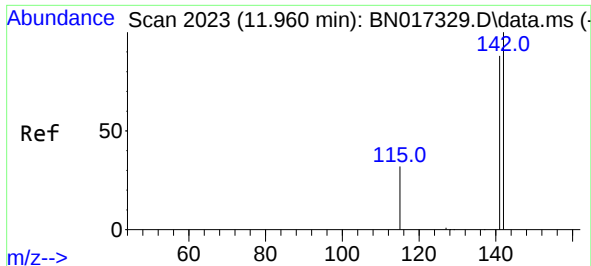
Tgt Ion: 88 Resp: 7711
Ion Ratio Lower Upper
88 100
43 29.7 31.8 47.6#
58 69.2 41.9 62.9#



#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.333 min Scan# 1727
Delta R.T. 0.007 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

Tgt Ion: 128 Resp: 14514
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.5 10.8 16.2

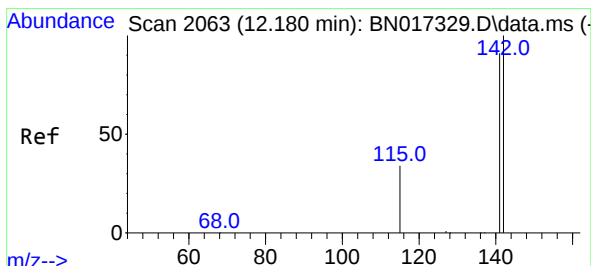
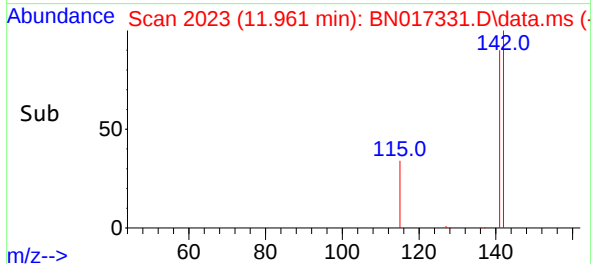
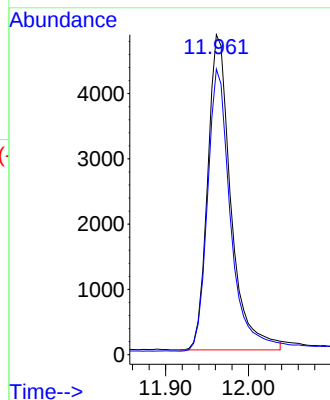
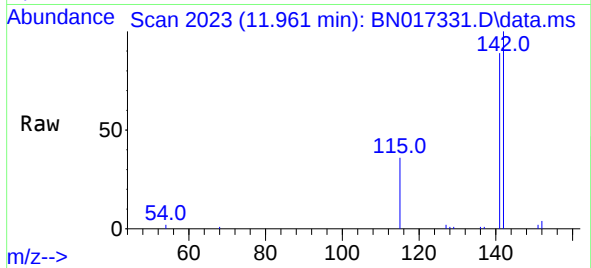




#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 11.961 min Scan# 2023
Delta R.T. 0.001 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

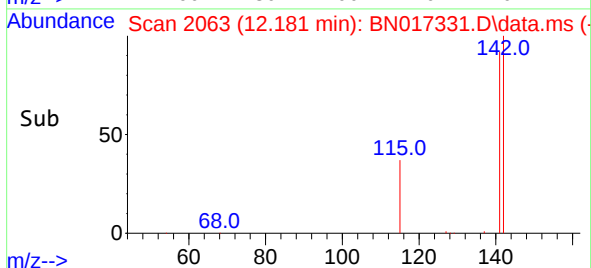
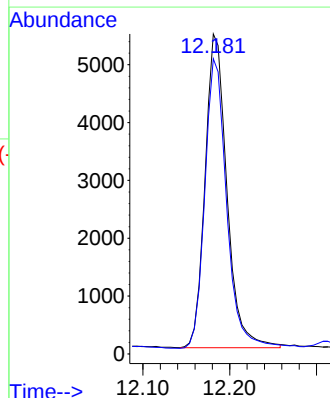
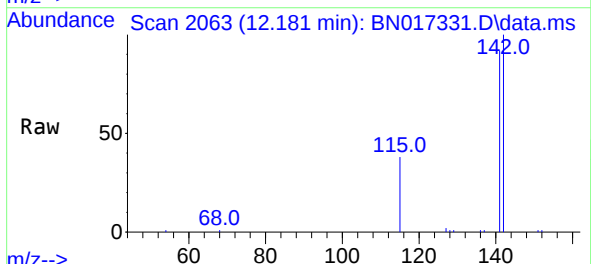
Instrument :
BNA_N
ClientSampleId :
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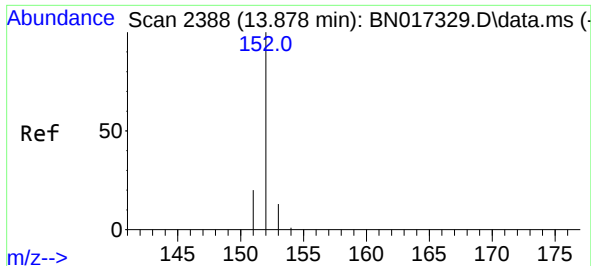
Tgt Ion:142 Resp: 9448
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.181 min Scan# 2063
Delta R.T. 0.001 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

Tgt Ion:142 Resp: 9514
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.8

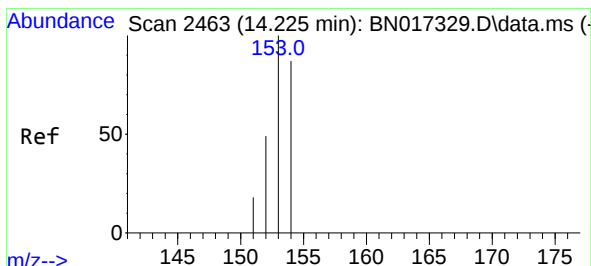
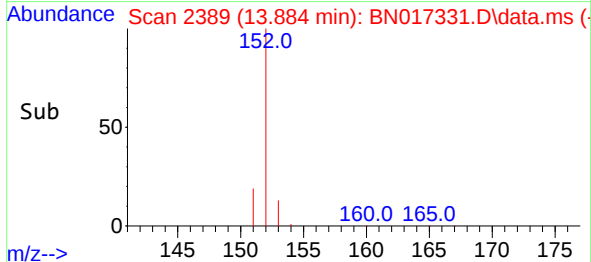
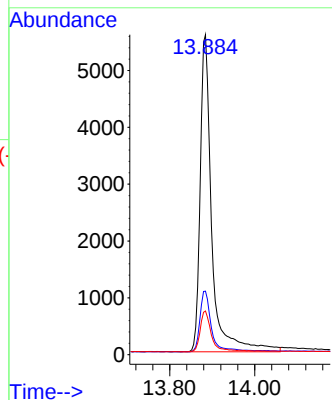
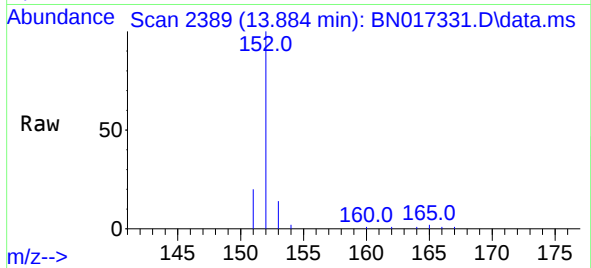




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 13.884 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

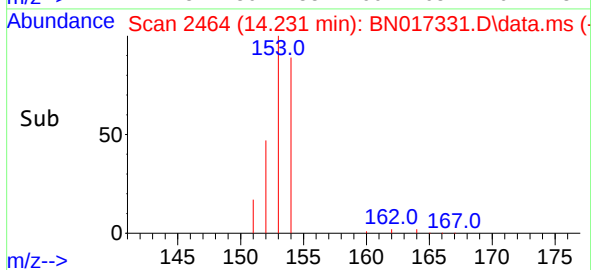
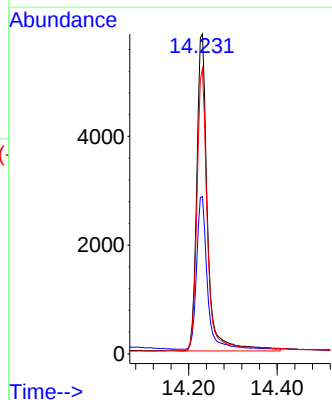
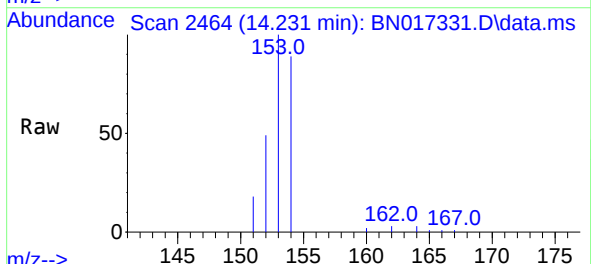
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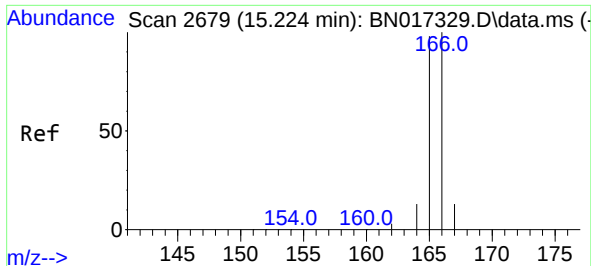
Tgt Ion:152 Resp: 10570
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.7 10.8 16.2



#11
Acenaphthene
Concen: 0.364 ng/ul
RT: 14.231 min Scan# 2464
Delta R.T. 0.006 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

Tgt Ion:153 Resp: 9890
Ion Ratio Lower Upper
153 100
152 49.2 39.5 59.3
154 89.1 70.0 105.0

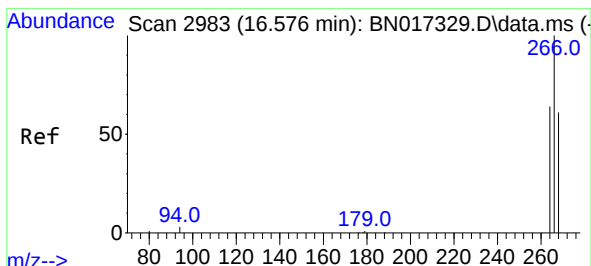
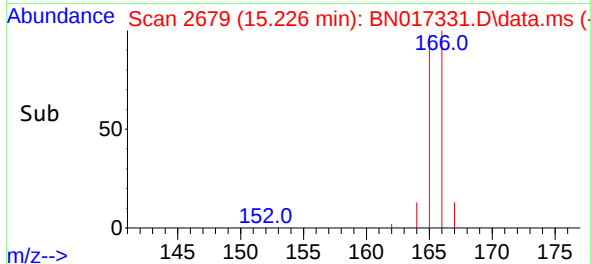
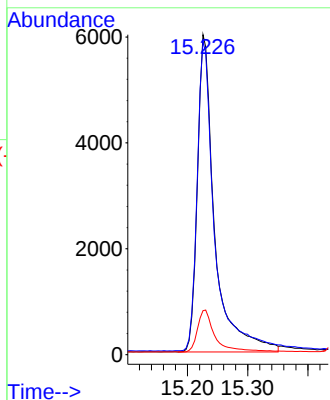
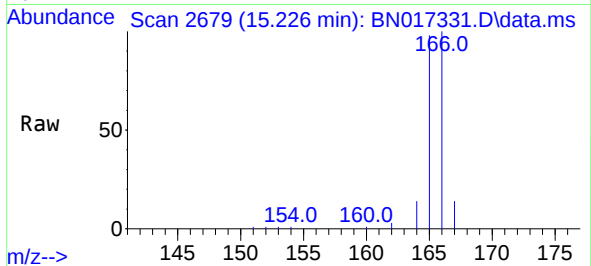




#12
Fluorene
Concen: 0.377 ng/ul
RT: 15.226 min Scan# 2679
Delta R.T. 0.001 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

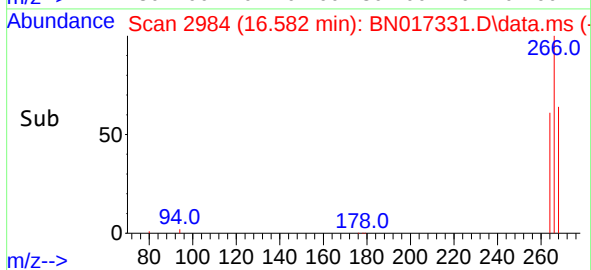
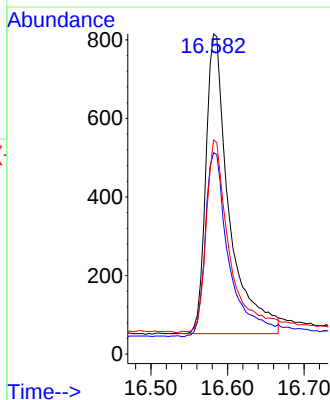
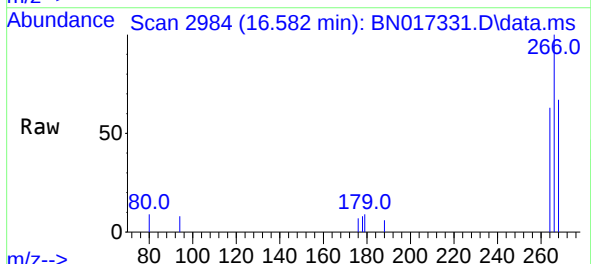
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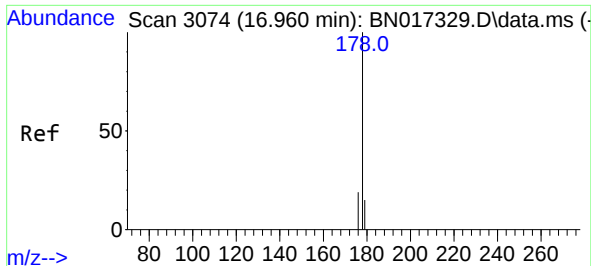
Tgt Ion:166	Resp:	11941
Ion Ratio	Lower	Upper
166	100	
165	97.9	77.7 116.5
167	13.7	11.1 16.7



#14
Pentachlorophenol
Concen: 0.406 ng/ul
RT: 16.582 min Scan# 2984
Delta R.T. 0.006 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

Tgt Ion:266	Resp:	1609
Ion Ratio	Lower	Upper
266	100	
264	63.0	49.9 74.9
268	64.9	51.2 76.8

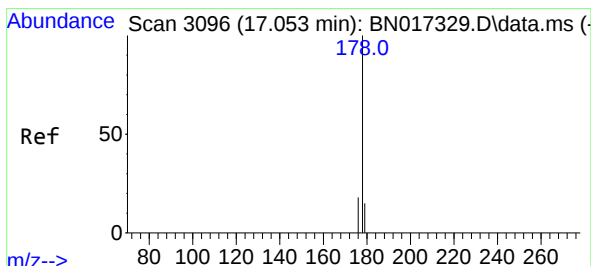
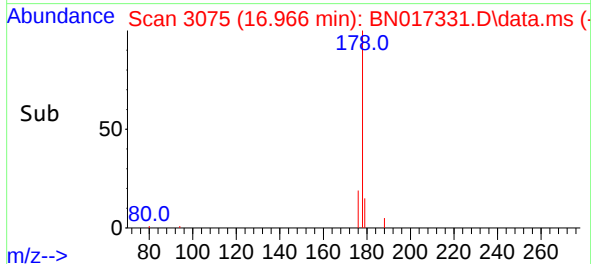
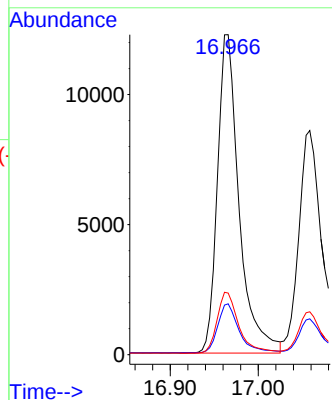
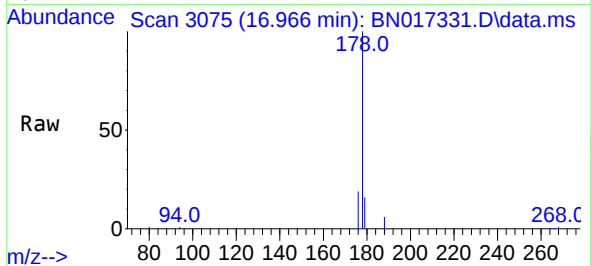




#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 16.966 min Scan# 3074
Delta R.T. 0.006 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

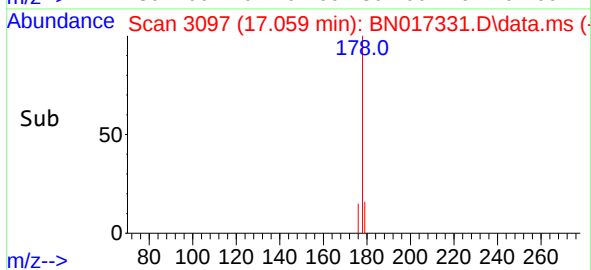
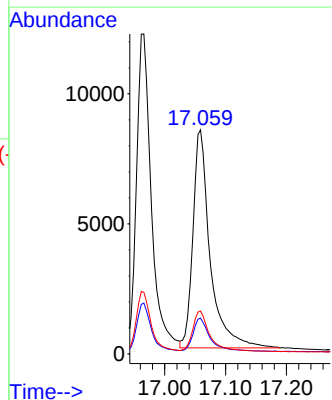
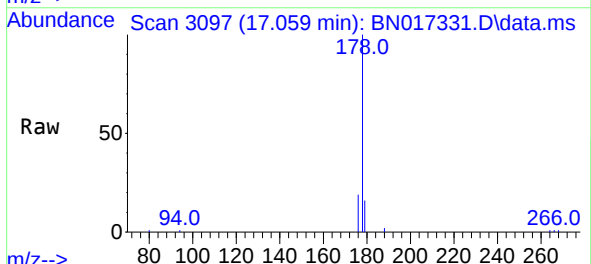
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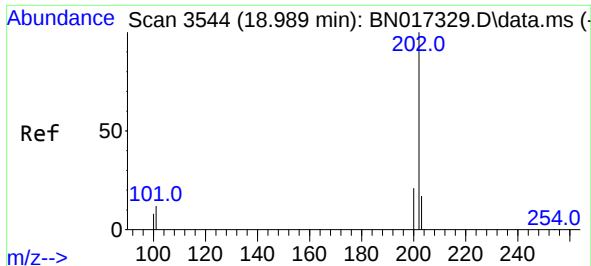
Tgt Ion:178 Resp: 20966
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.3 15.5 23.3



#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.059 min Scan# 3097
Delta R.T. 0.006 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

Tgt Ion:178 Resp: 16515
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.1 15.2 22.8

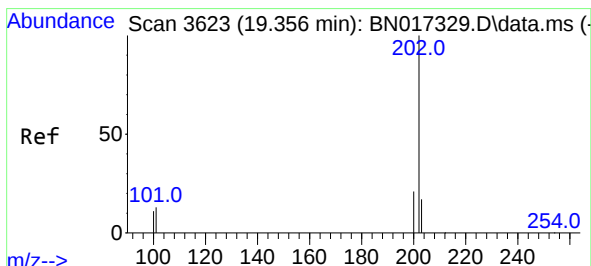
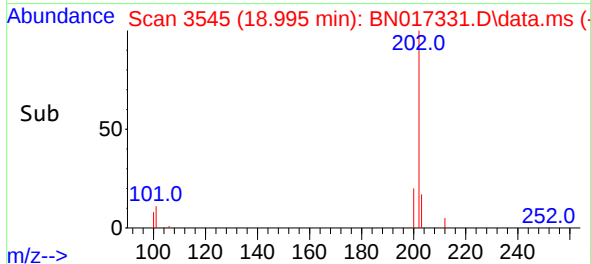
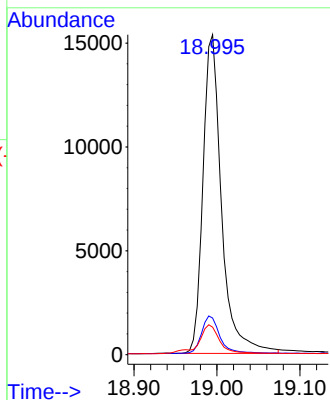
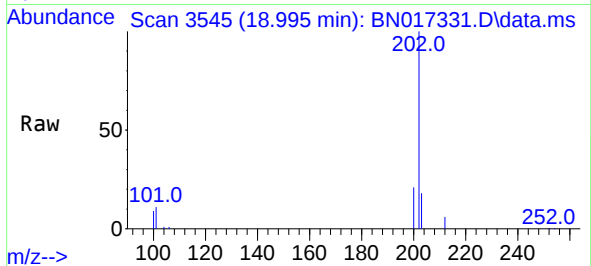




#19
Fluoranthene
Concen: 0.429 ng/u1
RT: 18.995 min Scan# 3545
Delta R.T. 0.006 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

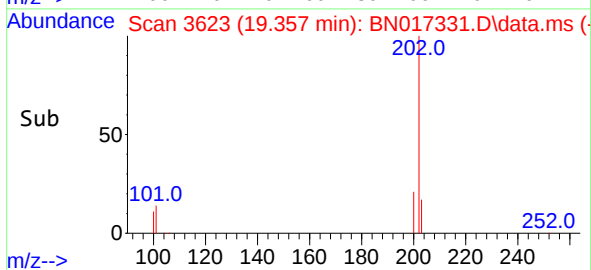
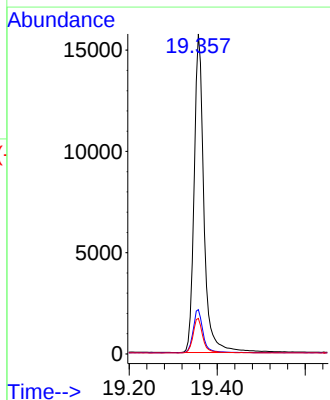
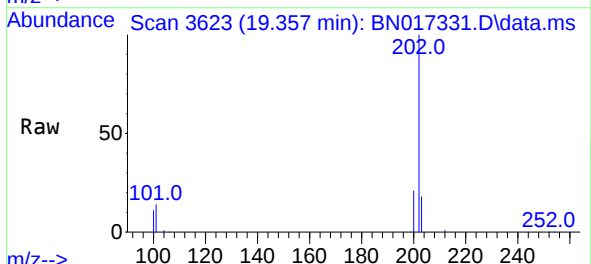
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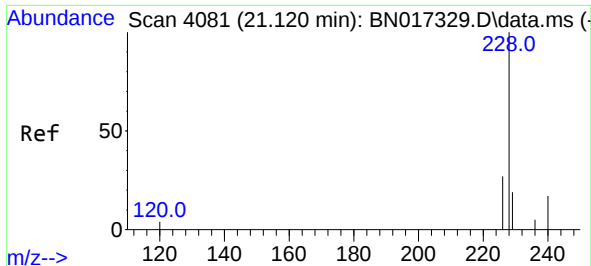
Tgt Ion:	202	Resp:	23927
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.7	14.5
100	8.6	7.2	10.8



#20
Pyrene
Concen: 0.428 ng/u1
RT: 19.357 min Scan# 3623
Delta R.T. 0.001 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

Tgt Ion:	202	Resp:	24436
Ion Ratio	Lower	Upper	
202	100		
101	13.8	10.3	15.5
100	11.1	8.2	12.2

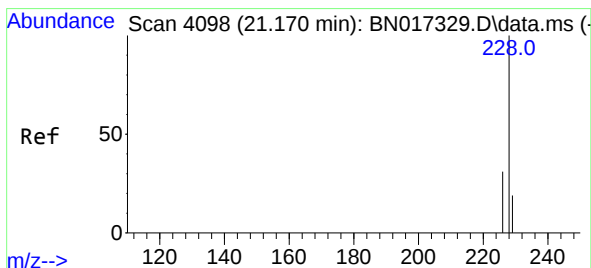
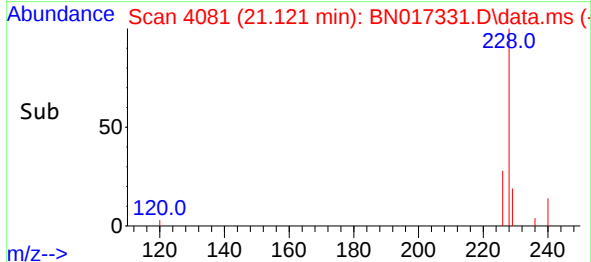
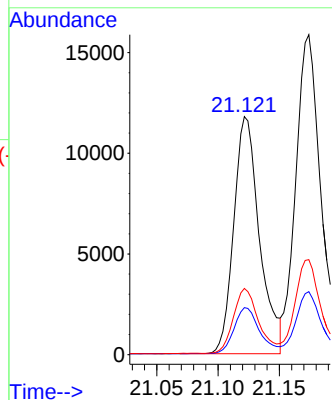
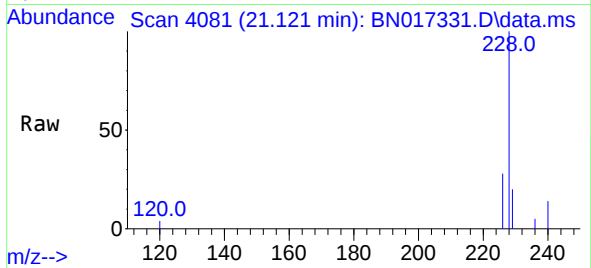




#21
Benzo(a)anthracene
Concen: 0.337 ng/ul
RT: 21.121 min Scan# 4081
Delta R.T. 0.001 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

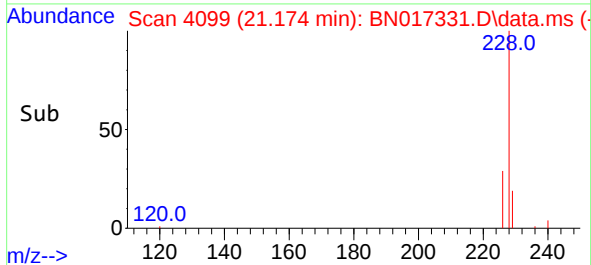
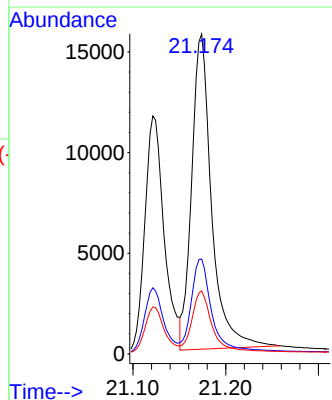
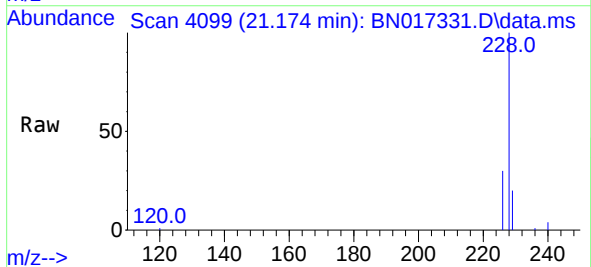
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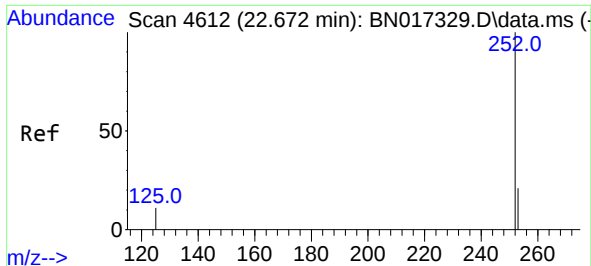
Tgt Ion:228 Resp: 17190
Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 27.8 21.7 32.5



#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.174 min Scan# 4099
Delta R.T. 0.004 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

Tgt Ion:228 Resp: 23330
Ion Ratio Lower Upper
228 100
226 29.7 24.1 36.1
229 19.7 15.4 23.2

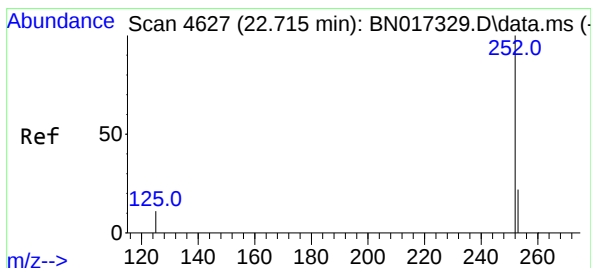
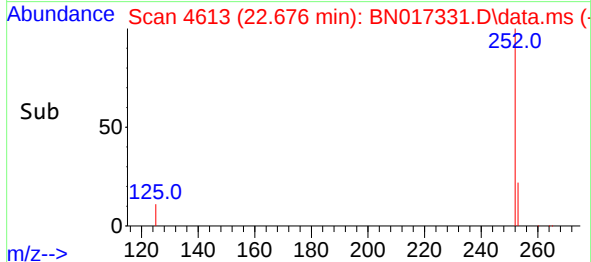
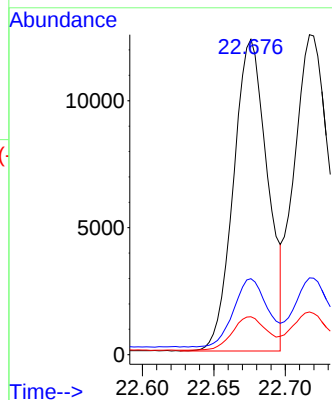
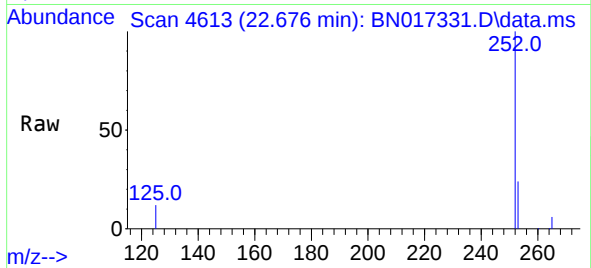




#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 22.676 min Scan# 4613
Delta R.T. 0.004 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

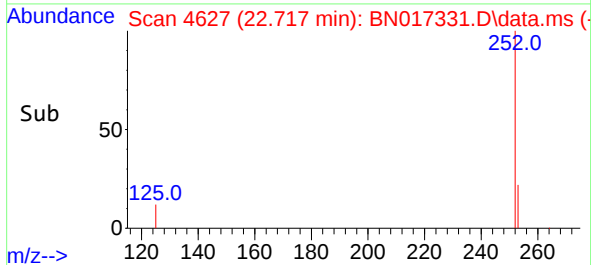
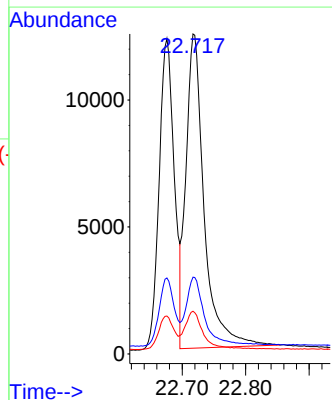
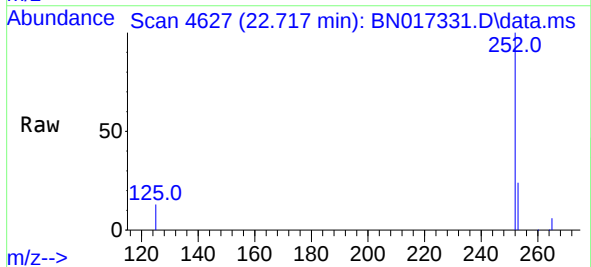
Instrument :
BNA_N
ClientSampleId :
SLCS351

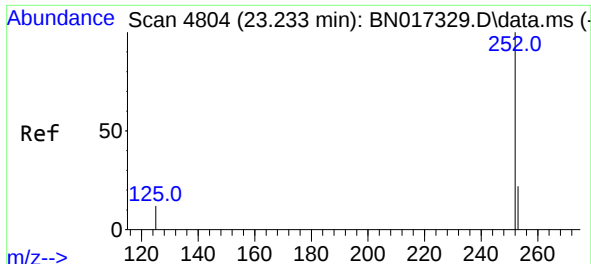
Tgt Ion:252 Resp: 20338
Ion Ratio Lower Upper
252 100
253 24.1 0.0 46.8
125 12.0 0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 0.441 ng/ul
RT: 22.717 min Scan# 4627
Delta R.T. 0.001 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

Tgt Ion:252 Resp: 24556
Ion Ratio Lower Upper
252 100
253 24.0 18.3 27.5
125 13.3 10.0 15.0

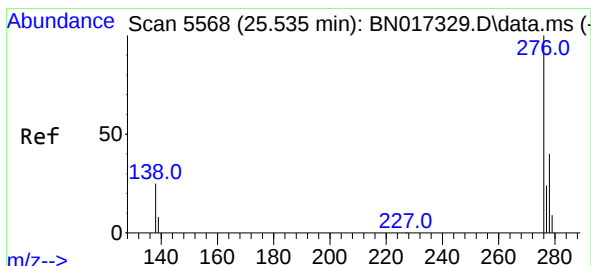
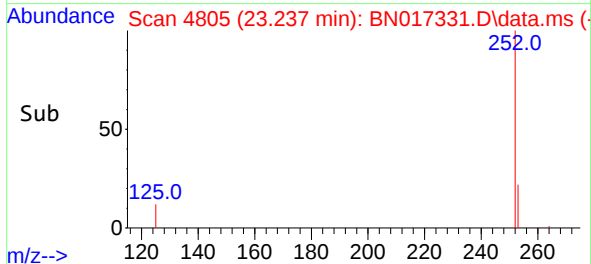
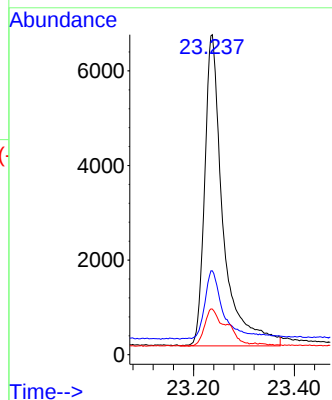
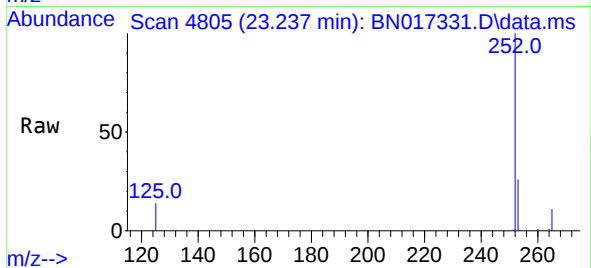




#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.237 min Scan# 4804
Delta R.T. 0.004 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

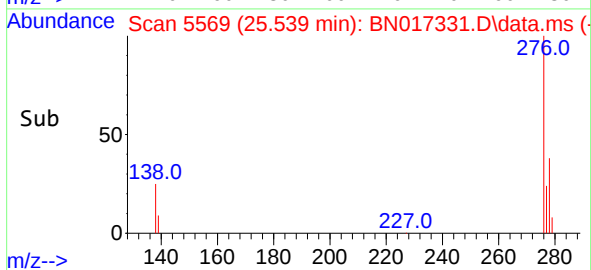
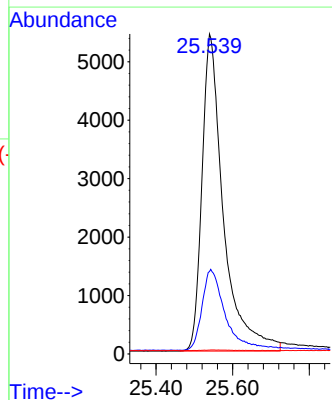
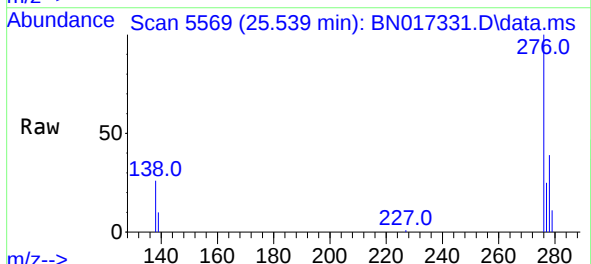
Instrument :
BNA_N
ClientSampleId :
SLCS351

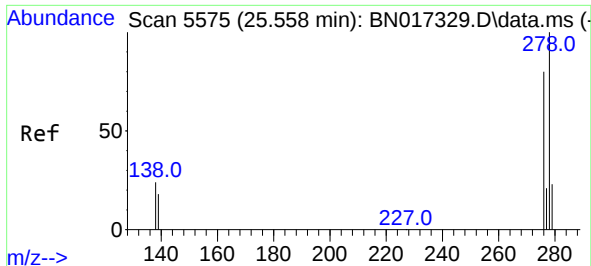
Tgt Ion:	252	Resp:	16684
Ion Ratio	Lower	Upper	
252	100		
253	26.2	19.3	28.9
125	14.2	10.8	16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng/ul
RT: 25.539 min Scan# 5569
Delta R.T. 0.005 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

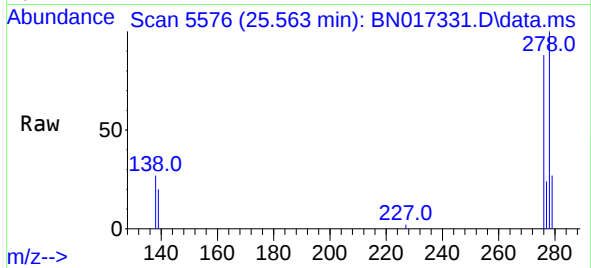
Tgt Ion:	276	Resp:	21093
Ion Ratio	Lower	Upper	
276	100		
138	27.7	22.2	33.4
227	0.2	0.0	0.0



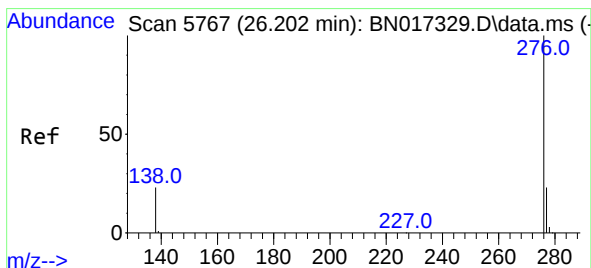
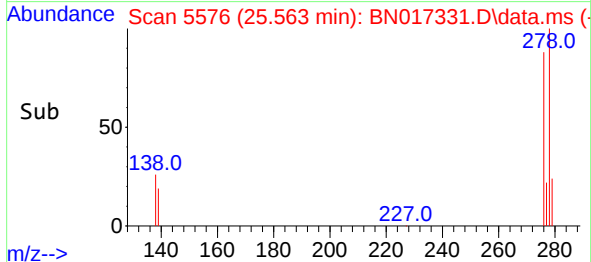
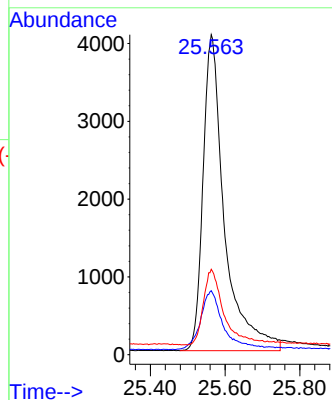


#28
Dibenzo(a,h)anthracene
Concen: 0.327 ng/ul
RT: 25.563 min Scan# 51
Delta R.T. 0.005 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

Instrument :
BNA_N
ClientSampleId :
SLCS351



Tgt Ion:278 Resp: 16181
Ion Ratio Lower Upper
278 100
139 20.0 15.4 23.0
279 26.7 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 26.210 min Scan# 5769
Delta R.T. 0.008 min
Lab File: BN017331.D
Acq: 08 Nov 2021 12:11

Tgt Ion:276 Resp: 18583
Ion Ratio Lower Upper
276 100
138 24.8 19.2 28.8
277 23.5 19.0 28.6

