

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110321\
 Data File : BN017285.D
 Acq On : 03 Nov 2021 21:21
 Operator : CG/JU
 Sample : PB140308BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS308

Quant Time: Nov 08 01:06:47 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 : Wed Nov 03 10:42:03 2021
 Response via : Initial Calibration

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

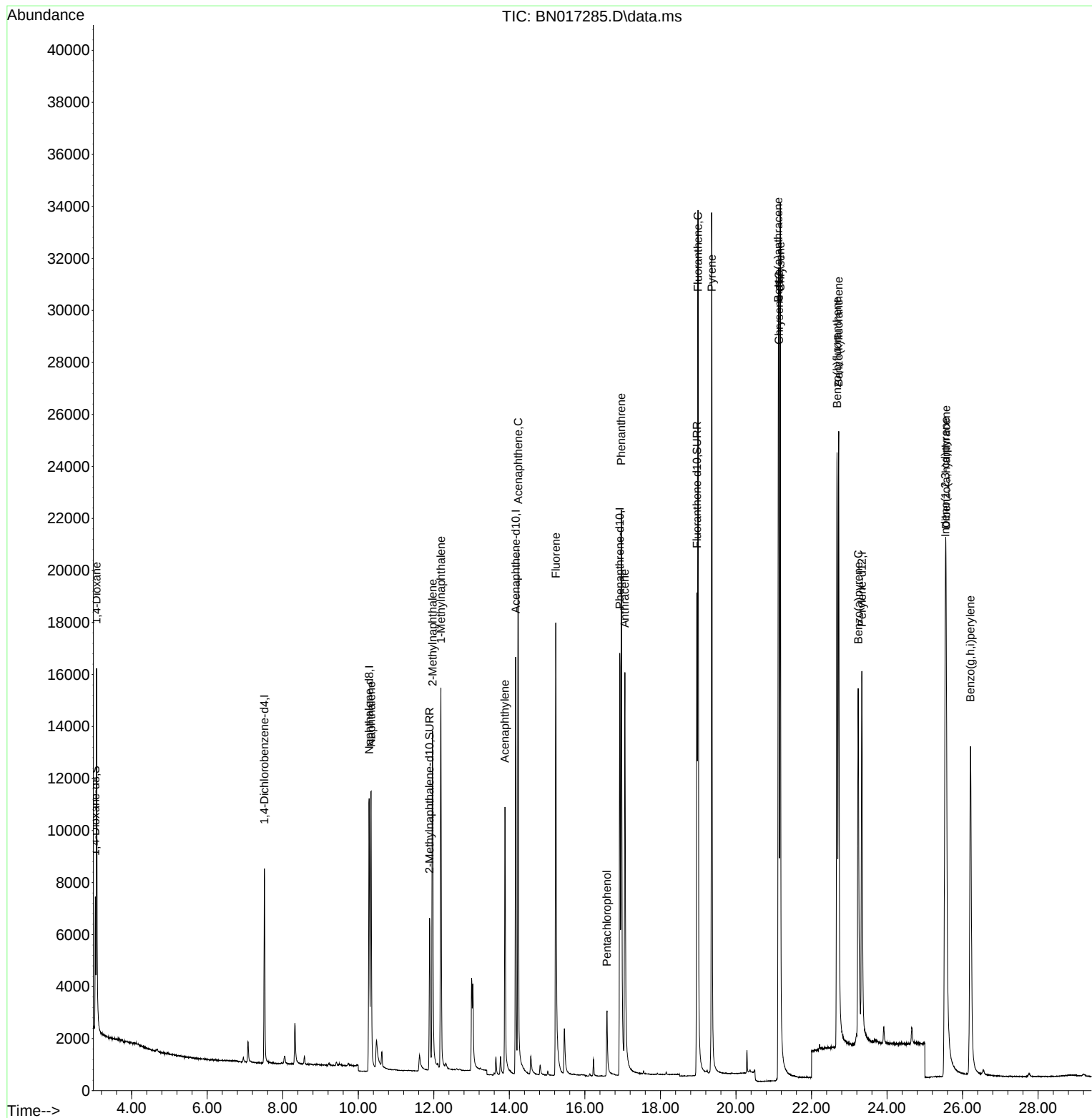
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.515	152	4000	0.400	ng/ul	0.00
4) Naphthalene-d8	10.289	136	15733	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.171	164	9664	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.924	188	21909	0.400	ng/ul	0.00
17) Chrysene-d12	21.139	240	21030	0.400	ng/ul	0.00
23) Perylene-d12	23.334	264	19150	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	3186	0.716	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152	8685	0.378	ng/ul	0.00
18) Fluoranthene-d10	18.967	212	22929	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.072	88	8434	1.766	ng/ul#	78
5) Naphthalene	10.339	128	16073	0.369	ng/ul	100
7) 2-Methylnaphthalene	11.967	142	10867	0.360	ng/ul	99
8) 1-Methylnaphthalene	12.187	142	10897	0.353	ng/ul	100
10) Acenaphthylene	13.884	152	13891	0.363	ng/ul	100
11) Acenaphthene	14.231	153	12850	0.383	ng/ul	100
12) Fluorene	15.230	166	14769	0.377	ng/ul	99
14) Pentachlorophenol	16.586	266	2232	0.452	ng/ul	99
15) Phenanthrene	16.966	178	26114	0.376	ng/ul	99
16) Anthracene	17.059	178	20942	0.363	ng/ul	100
19) Fluoranthene	18.995	202	30226	0.402	ng/ul	100
20) Pyrene	19.357	202	30754	0.398	ng/ul	96
21) Benzo(a)anthracene	21.121	228	24010	0.349	ng/ul	99
22) Chrysene	21.174	228	30883	0.395	ng/ul	100
24) Benzo(b)fluoranthene	22.676	252	29039	0.407	ng/ul	99
25) Benzo(k)fluoranthene	22.720	252	33944	0.419	ng/ul	99
26) Benzo(a)pyrene	23.237	252	24415	0.381	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.543	276	32712	0.360	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.563	278	25798	0.359	ng/ul	98
29) Benzo(g,h,i)perylene	26.211	276	27994	0.364	ng/ul	99

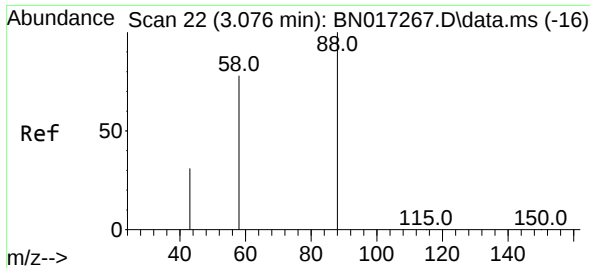
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 10:42:03 2021
Response via : Initial Calibration

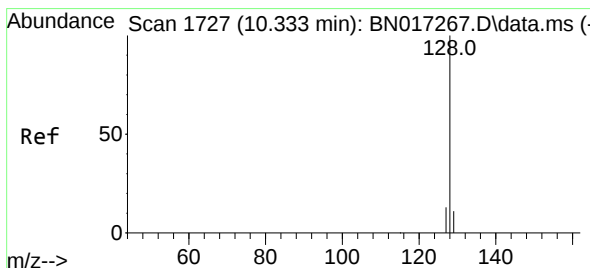
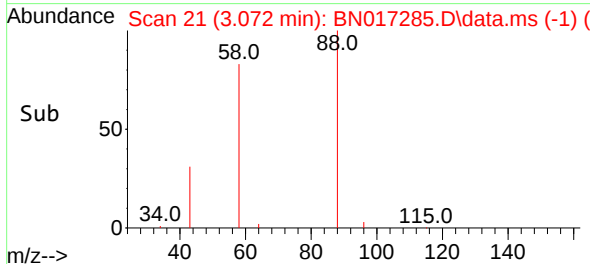
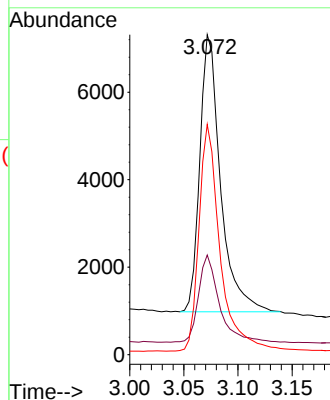
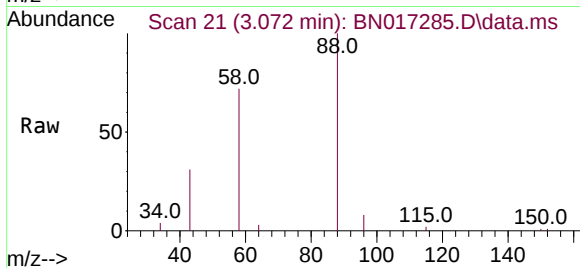




#2
1,4-Dioxane
Concen: 1.766 ng/ul
RT: 3.072 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

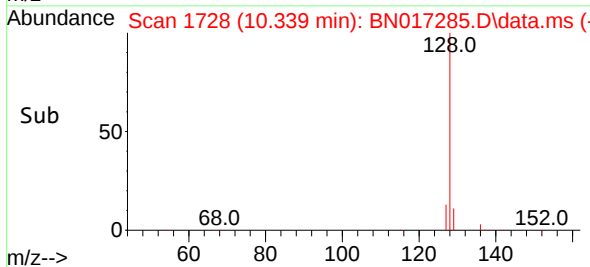
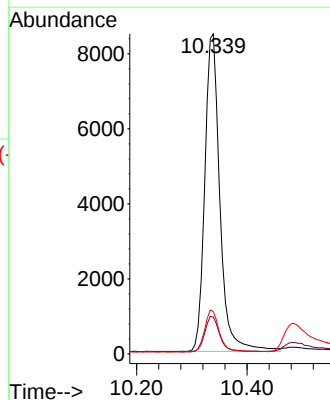
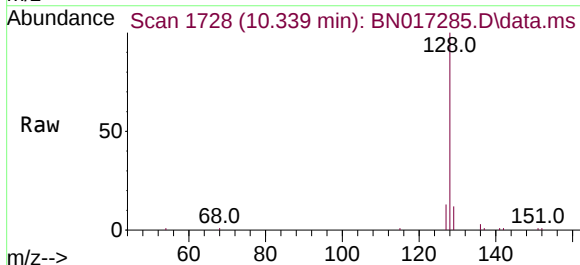
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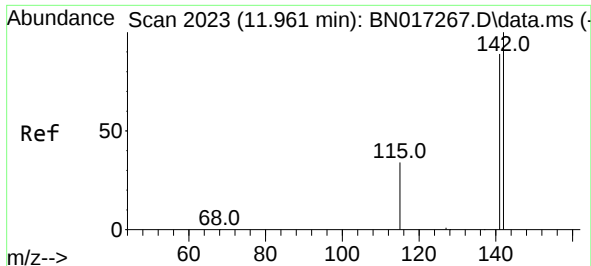
Tgt Ion: 88 Resp: 8434
Ion Ratio Lower Upper
88 100
43 31.1 31.8 47.6#
58 72.0 41.9 62.9#



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.339 min Scan# 1728
Delta R.T. 0.005 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

Tgt Ion: 128 Resp: 16073
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.2 10.8 16.2

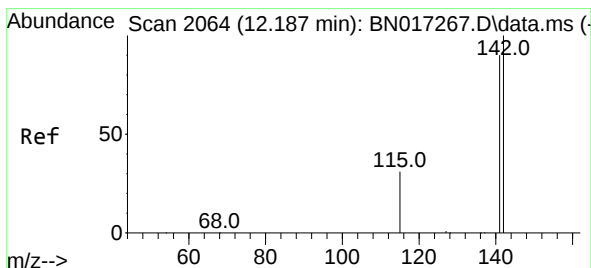
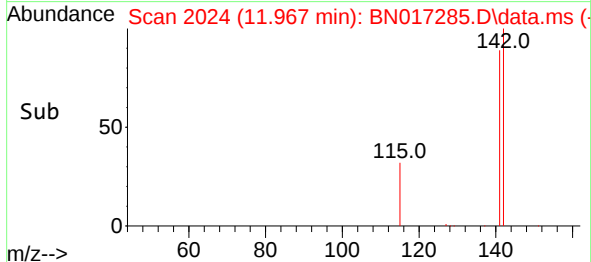
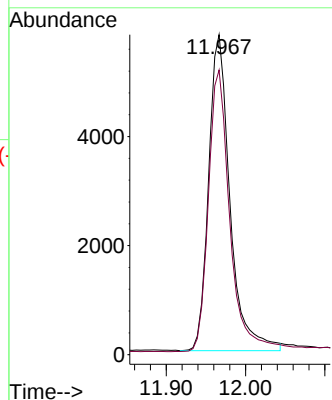
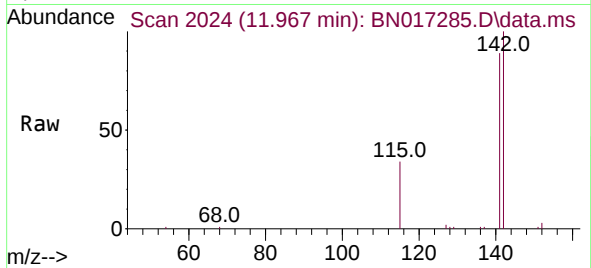




#7
2-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 11.967 min Scan# 2023
Delta R.T. 0.005 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

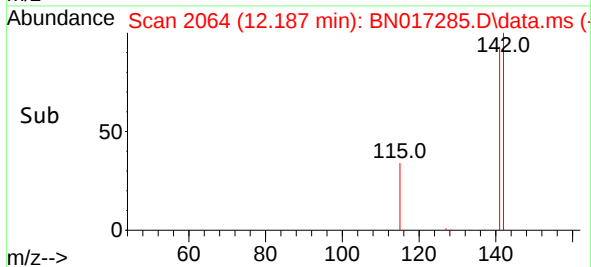
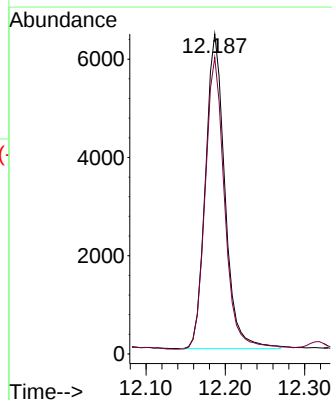
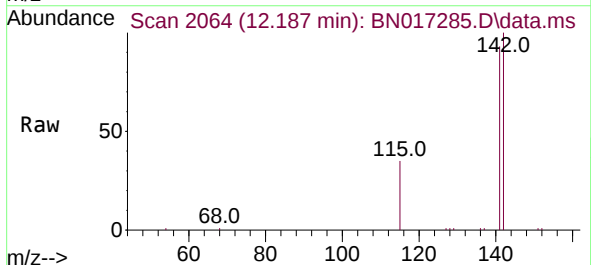
Instrument :
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ClientSampleId :
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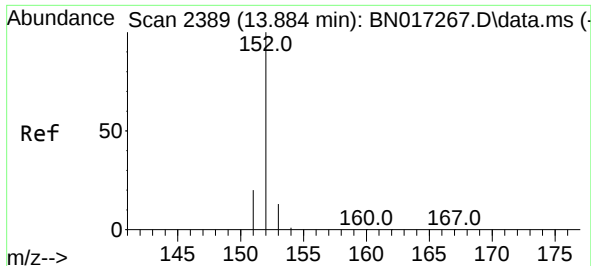
Tgt Ion:142 Resp: 10867
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.187 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

Tgt Ion:142 Resp: 10897
Ion Ratio Lower Upper
142 100
141 92.8 73.8 110.8

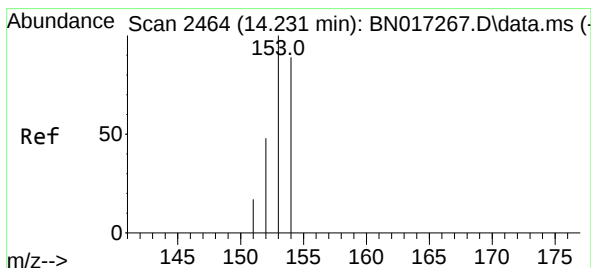
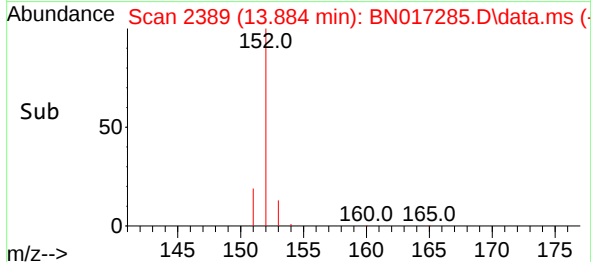
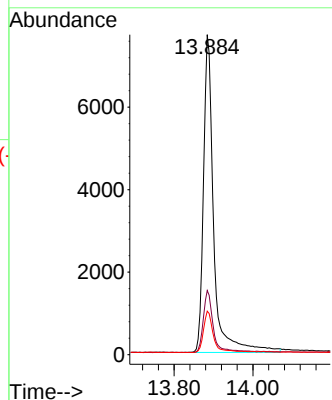
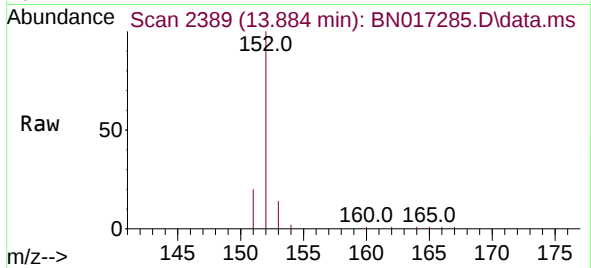




#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 13.884 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

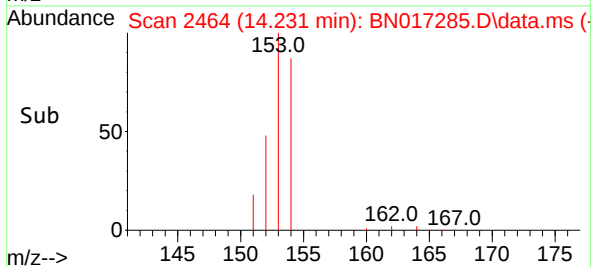
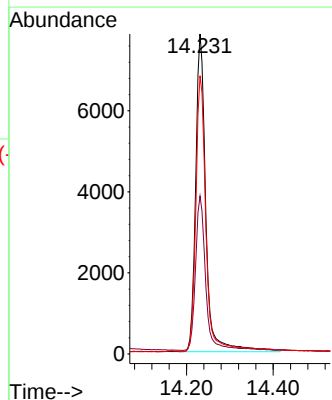
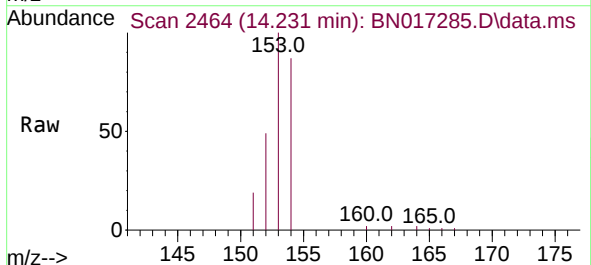
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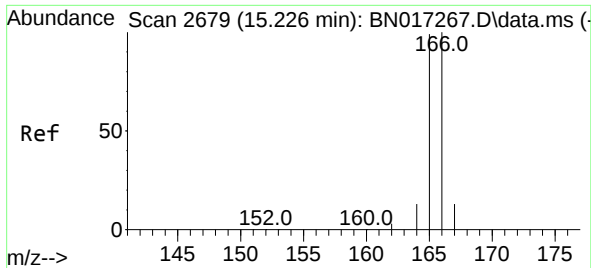
Tgt Ion:152 Resp: 13891
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.231 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

Tgt Ion:153 Resp: 12850
Ion Ratio Lower Upper
153 100
152 49.3 39.5 59.3
154 87.0 70.0 105.0

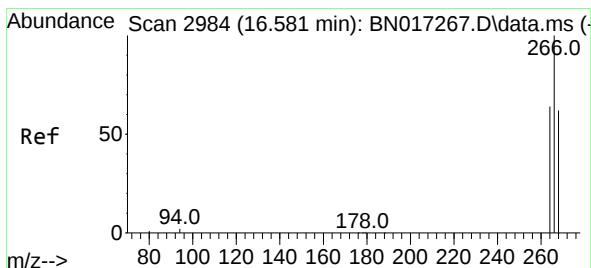
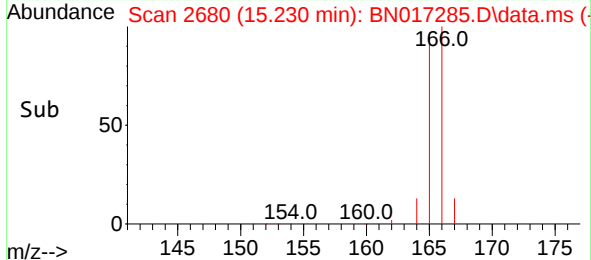
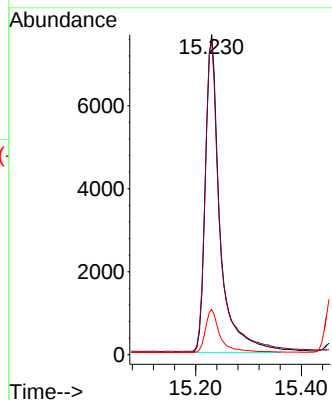
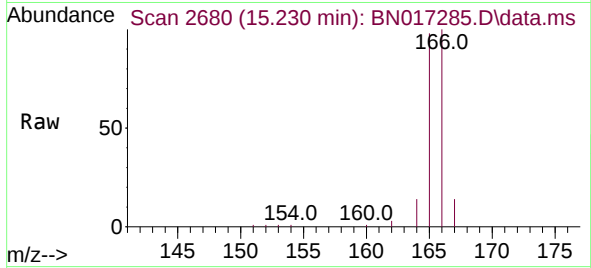




#12
 Fluorene
 Concen: 0.377 ng/ul
 RT: 15.230 min Scan# 2085
 Delta R.T. 0.005 min
 Lab File: BN017285.D
 Acq: 03 Nov 2021 21:21

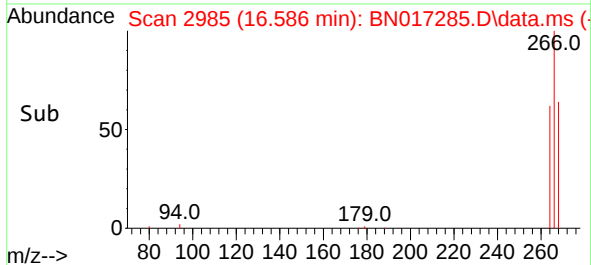
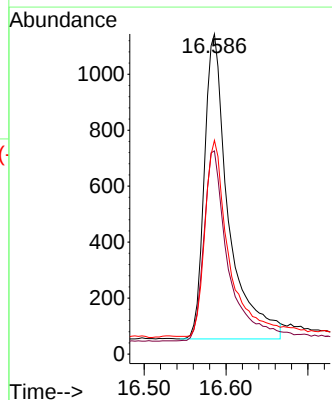
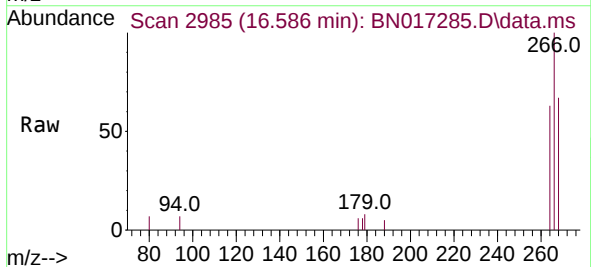
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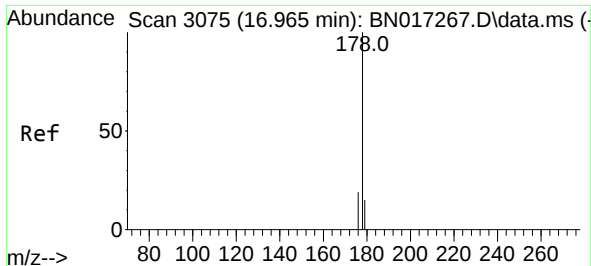
Tgt Ion:166	Resp:	14769
Ion Ratio	Lower	Upper
166	100	
165	97.7	77.7 116.5
167	14.1	11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.452 ng/ul
 RT: 16.586 min Scan# 2985
 Delta R.T. 0.005 min
 Lab File: BN017285.D
 Acq: 03 Nov 2021 21:21

Tgt Ion:266	Resp:	2232
Ion Ratio	Lower	Upper
266	100	
264	63.4	49.9 74.9
268	63.8	51.2 76.8

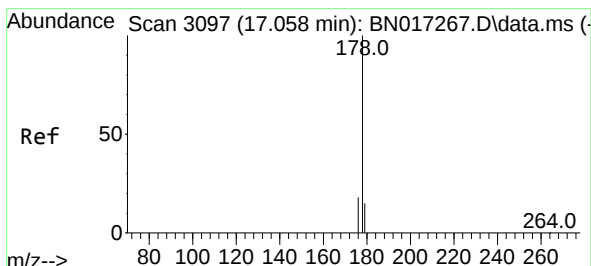
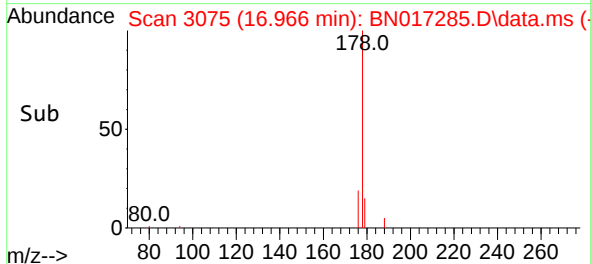
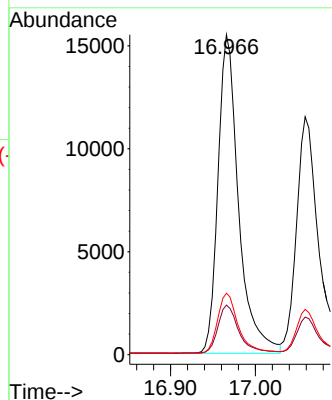
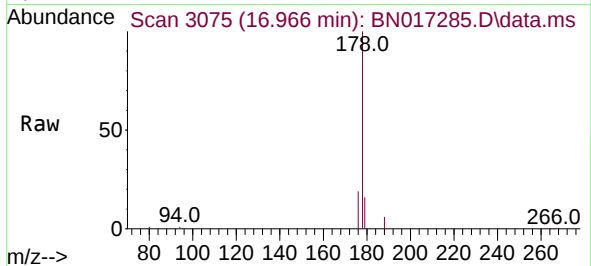




#15
Phenanthrene
Concen: 0.376 ng/u1
RT: 16.966 min Scan# 3075
Delta R.T. 0.000 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

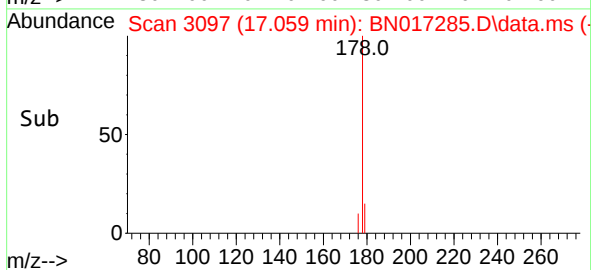
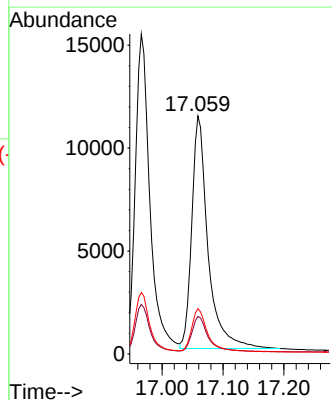
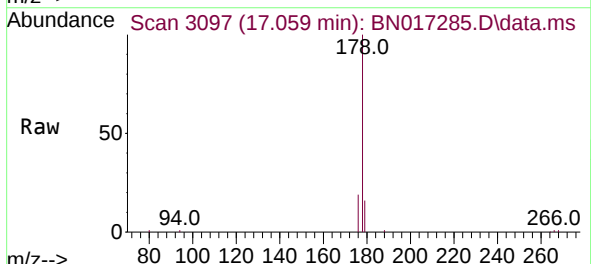
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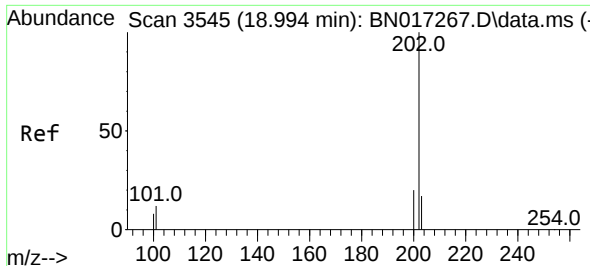
Tgt Ion:178 Resp: 26114
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.2 15.5 23.3



#16
Anthracene
Concen: 0.363 ng/u1
RT: 17.059 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

Tgt Ion:178 Resp: 20942
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.1 15.2 22.8

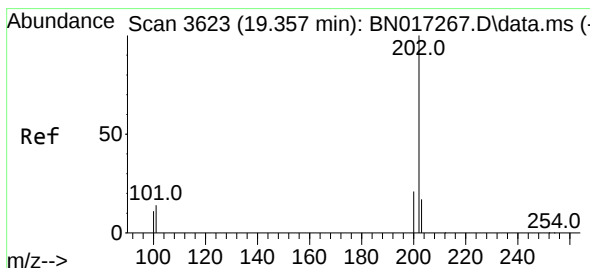
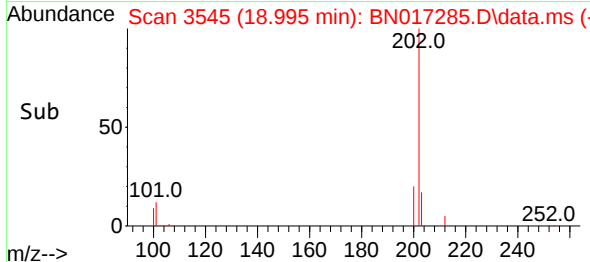
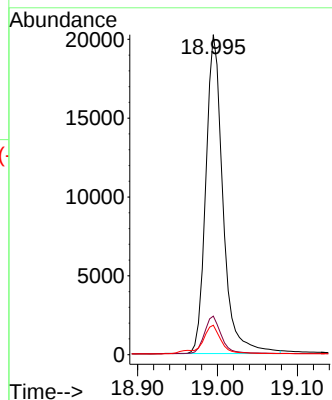
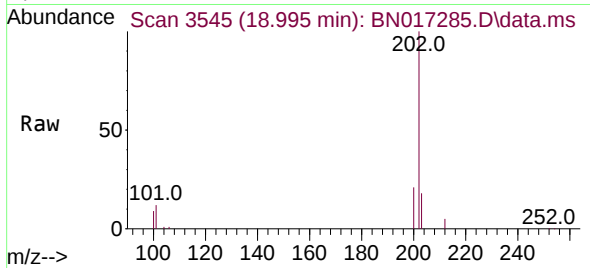




#19
Fluoranthene
Concen: 0.402 ng/u1
RT: 18.995 min Scan# 3545
Delta R.T. 0.000 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

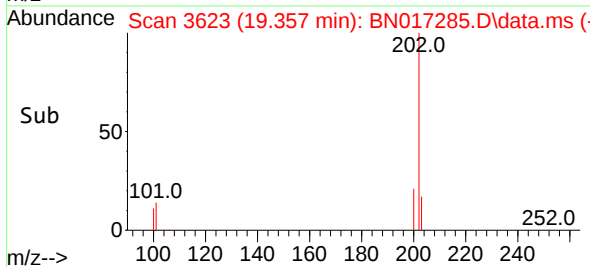
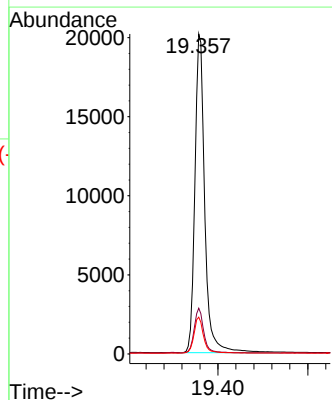
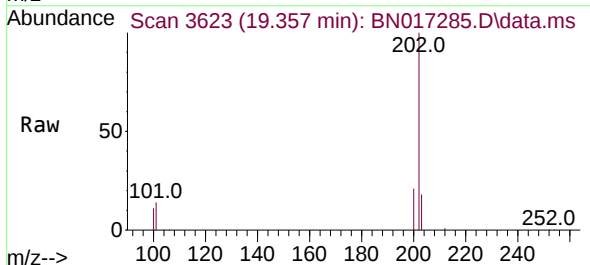
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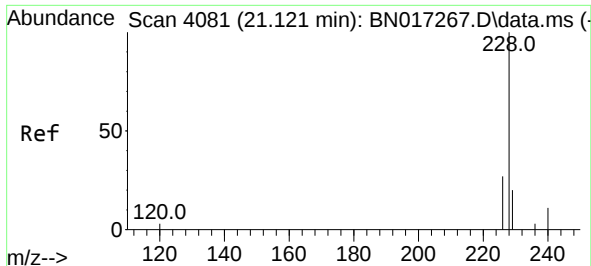
Tgt Ion:202 Resp: 30226
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.2 7.2 10.8



#20
Pyrene
Concen: 0.398 ng/u1
RT: 19.357 min Scan# 3623
Delta R.T. 0.000 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

Tgt Ion:202 Resp: 30754
Ion Ratio Lower Upper
202 100
101 14.3 10.3 15.5
100 11.5 8.2 12.2

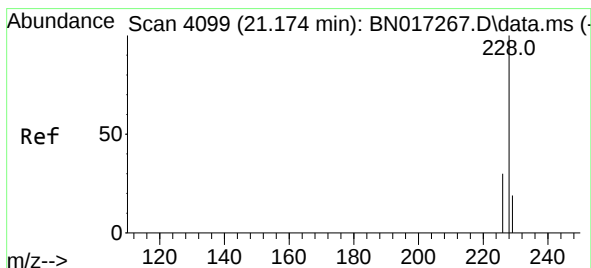
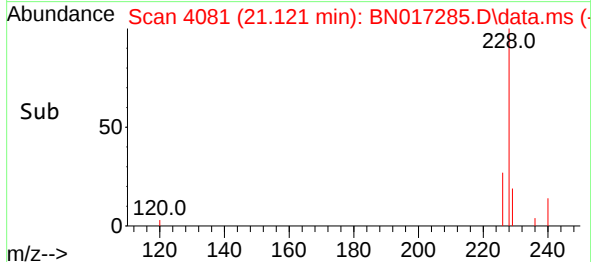
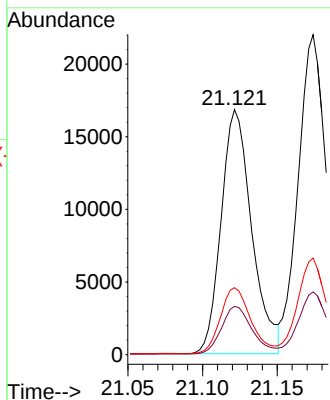
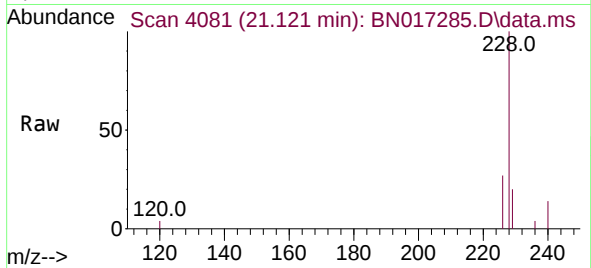




#21
Benzo(a)anthracene
Concen: 0.349 ng/ul
RT: 21.121 min Scan# 4081
Delta R.T. 0.000 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

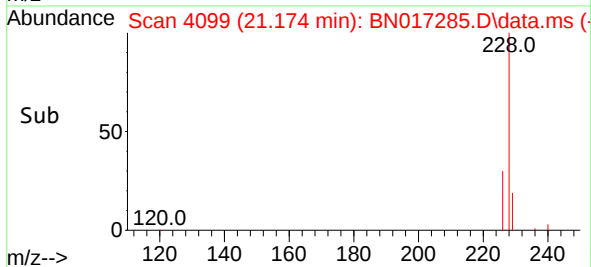
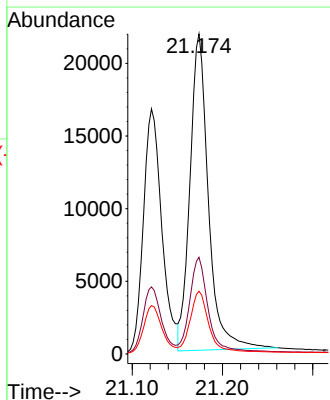
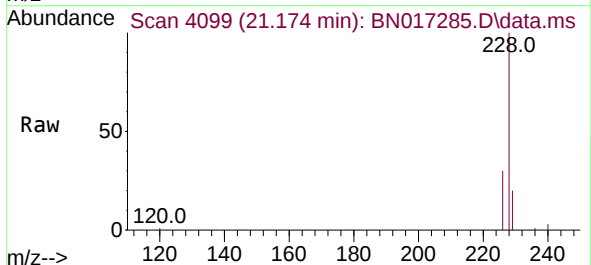
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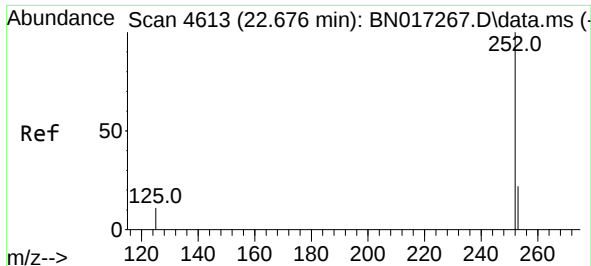
Tgt Ion:228 Resp: 24010
Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 27.4 21.7 32.5



#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.174 min Scan# 4099
Delta R.T. 0.000 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

Tgt Ion:228 Resp: 30883
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.6 15.4 23.2

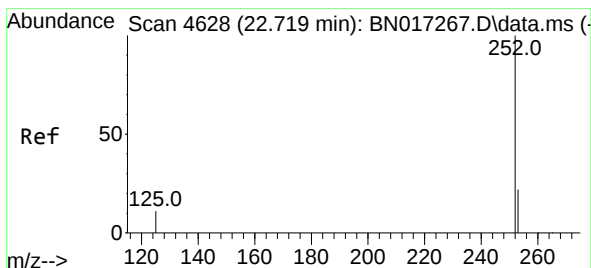
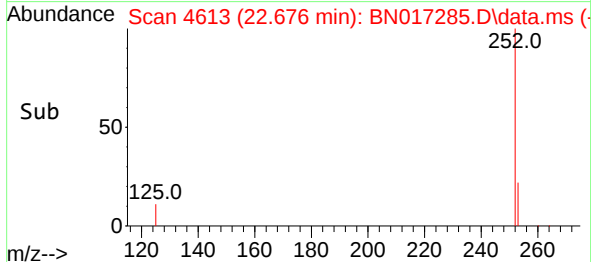
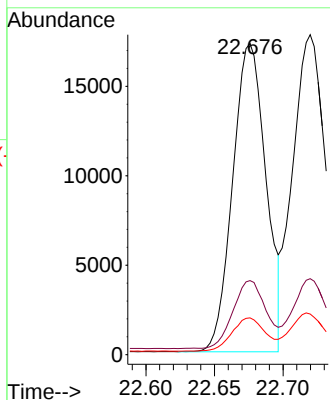
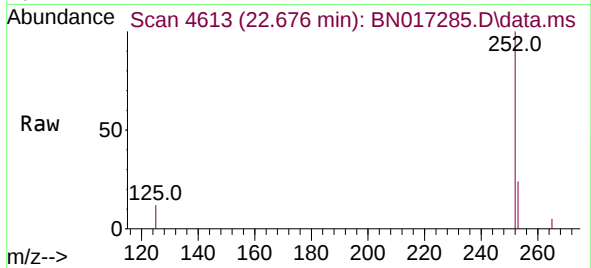




#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 22.676 min Scan# 4613
Delta R.T. 0.000 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

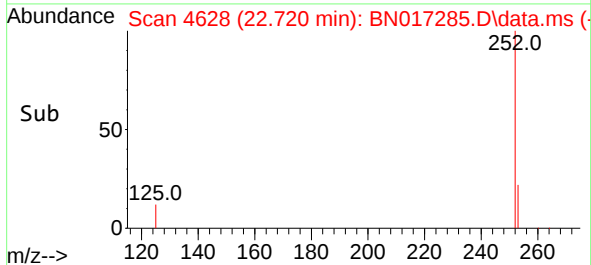
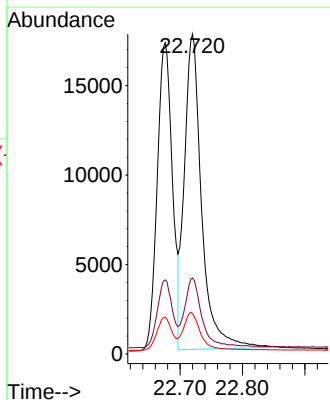
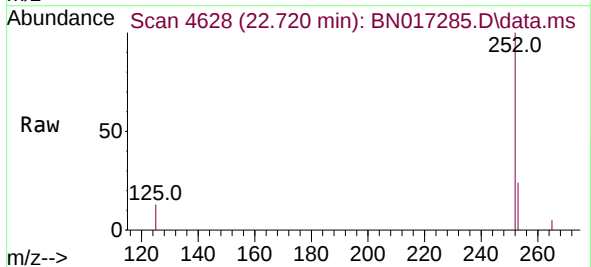
Instrument :
BNA_N
ClientSampleId :
SLCS308

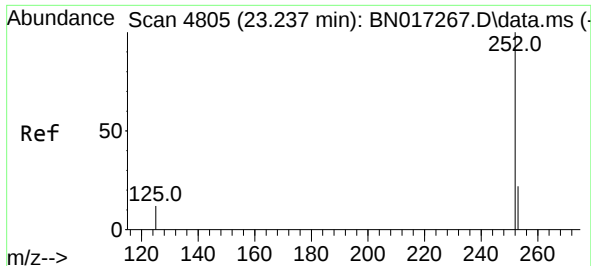
Tgt Ion:252 Resp: 29039
Ion Ratio Lower Upper
252 100
253 23.8 0.0 46.8
125 11.8 0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 0.419 ng/ul
RT: 22.720 min Scan# 4628
Delta R.T. 0.000 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

Tgt Ion:252 Resp: 33944
Ion Ratio Lower Upper
252 100
253 23.8 18.3 27.5
125 12.7 10.0 15.0

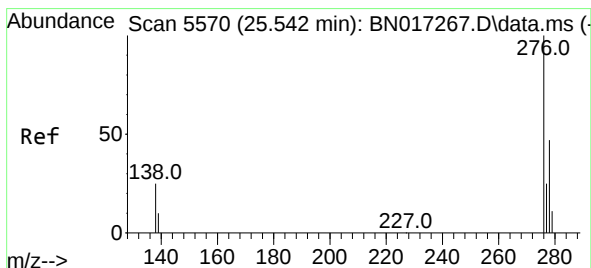
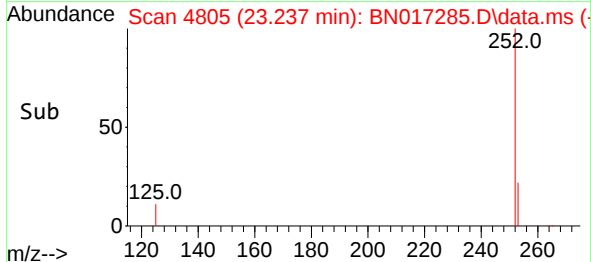
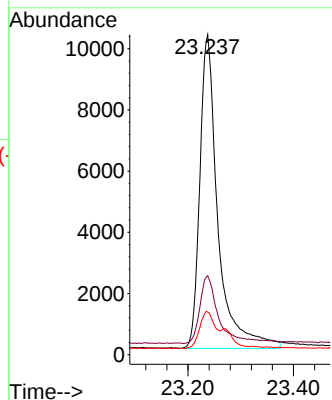
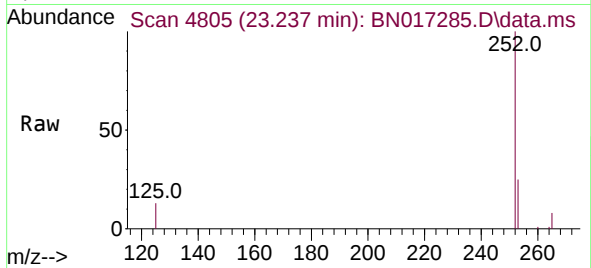




#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.237 min Scan# 4805
Delta R.T. 0.000 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

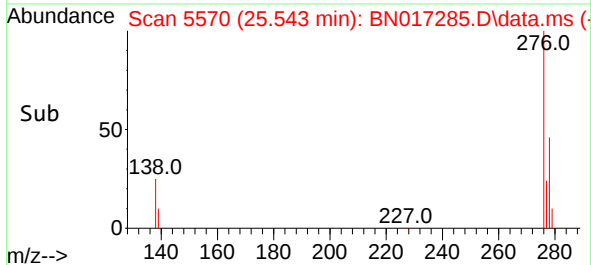
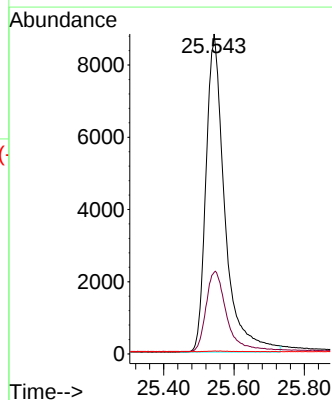
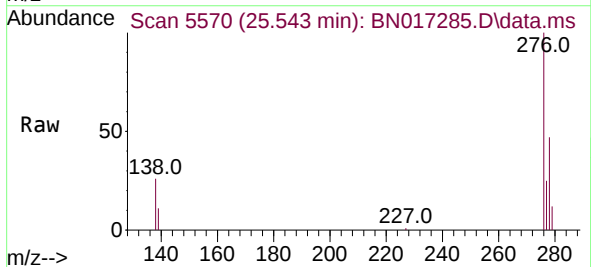
Instrument :
BNA_N
ClientSampleId :
SLCS308

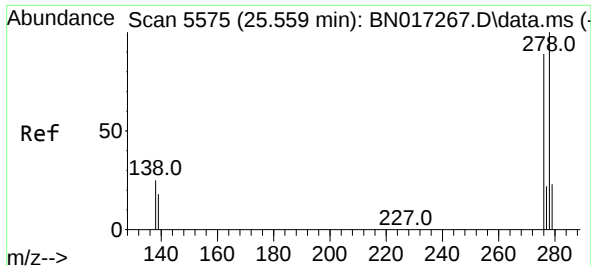
Tgt Ion:	252	Resp:	24415
Ion Ratio	Lower	Upper	
252	100		
253	24.7	19.3	28.9
125	13.3	10.8	16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng/ul
RT: 25.543 min Scan# 5570
Delta R.T. 0.001 min
Lab File: BN017285.D
Acq: 03 Nov 2021 21:21

Tgt Ion:	276	Resp:	32712
Ion Ratio	Lower	Upper	
276	100		
138	27.9	22.2	33.4
227	0.3	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.359 ng/ul

RT: 25.563 min Scan# 51

Delta R.T. 0.004 min

Lab File: BN017285.D

Acq: 03 Nov 2021 21:21

Instrument :

BNA_N

ClientSampleId :

SLCS308

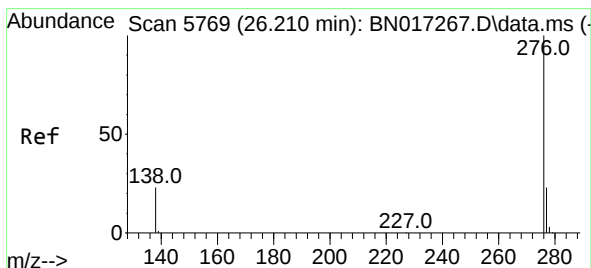
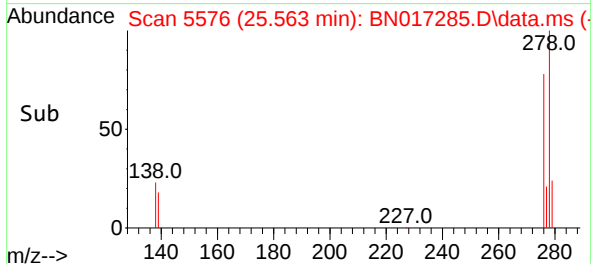
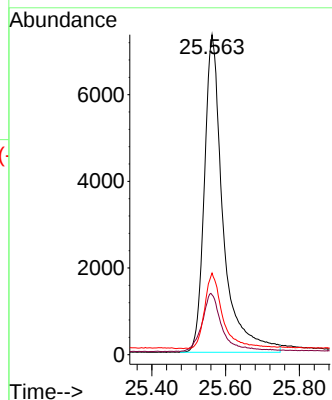
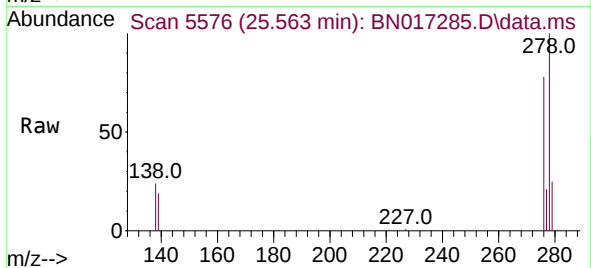
Tgt Ion:278 Resp: 25798

Ion Ratio Lower Upper

278 100

139 18.7 15.4 23.0

279 25.5 19.5 29.3



#29

Benzo(g,h,i)perylene

Concen: 0.364 ng/ul

RT: 26.211 min Scan# 5769

Delta R.T. 0.001 min

Lab File: BN017285.D

Acq: 03 Nov 2021 21:21

Tgt Ion:276 Resp: 27994

Ion Ratio Lower Upper

276 100

138 24.0 19.2 28.8

277 24.4 19.0 28.6

