

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110321\
 Data File : BN017271.D
 Acq On : 03 Nov 2021 12:10
 Operator : CG/JU
 Sample : PB140312BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS312

Quant Time: Nov 03 12:39:29 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)

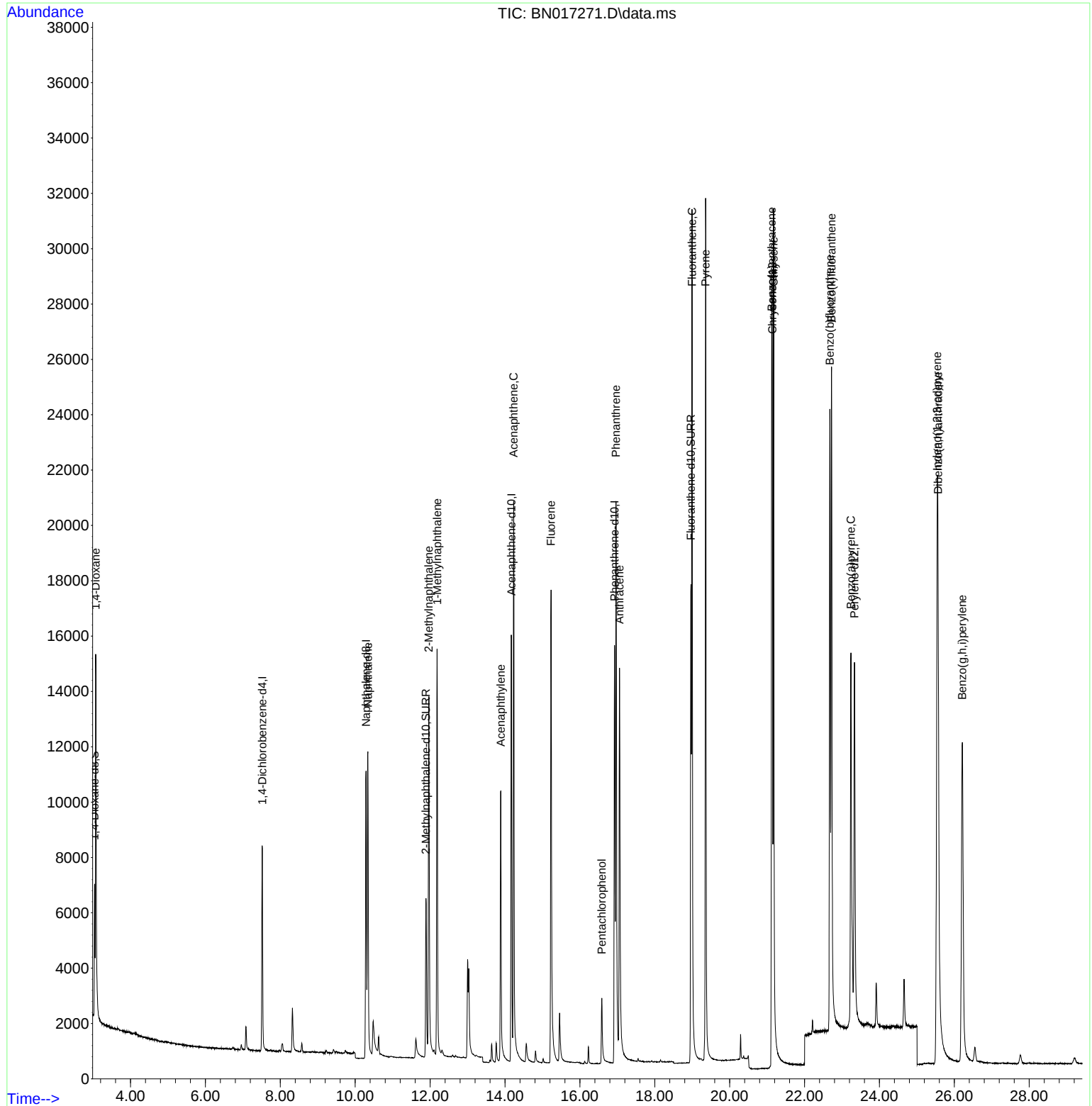
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	4010	0.400	ng/ul	0.00
4) Naphthalene-d8	10.289	136	15604	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.171	164	9248	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.924	188	20103	0.400	ng/ul	0.00
17) Chrysene-d12	21.139	240	19399	0.400	ng/ul	0.00
23) Perylene-d12	23.334	264	18377	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	3281	0.736	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152	8705	0.382	ng/ul	0.00
18) Fluoranthene-d10	18.967	212	21118	0.415	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.072	88	8401	1.754	ng/ul#	80
5) Naphthalene	10.339	128	16292	0.377	ng/ul	100
7) 2-Methylnaphthalene	11.967	142	10816	0.362	ng/ul	99
8) 1-Methylnaphthalene	12.187	142	10877	0.355	ng/ul	100
10) Acenaphthylene	13.889	152	13667	0.374	ng/ul	99
11) Acenaphthene	14.231	153	12543	0.391	ng/ul	99
12) Fluorene	15.230	166	14067	0.375	ng/ul	99
14) Pentachlorophenol	16.586	266	2080	0.459	ng/ul	99
15) Phenanthrene	16.966	178	24304	0.381	ng/ul	100
16) Anthracene	17.059	178	19622	0.371	ng/ul	100
19) Fluoranthene	18.995	202	27995	0.403	ng/ul	99
20) Pyrene	19.357	202	28551	0.401	ng/ul	96
21) Benzo(a)anthracene	21.121	228	22470	0.354	ng/ul	100
22) Chrysene	21.174	228	28680	0.398	ng/ul	99
24) Benzo(b)fluoranthene	22.676	252	27234	0.398	ng/ul	99
25) Benzo(k)fluoranthene	22.720	252	33272	0.428	ng/ul	96
26) Benzo(a)pyrene	23.237	252	23724	0.386	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.543	276	32313	0.371	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.563	278	25303	0.367	ng/ul	98
29) Benzo(g,h,i)perylene	26.210	276	26416	0.358	ng/ul	100

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

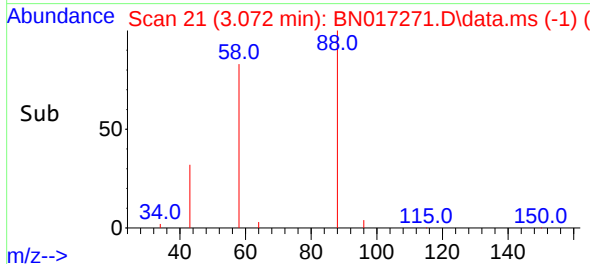
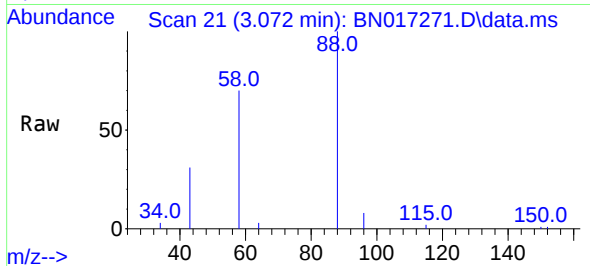
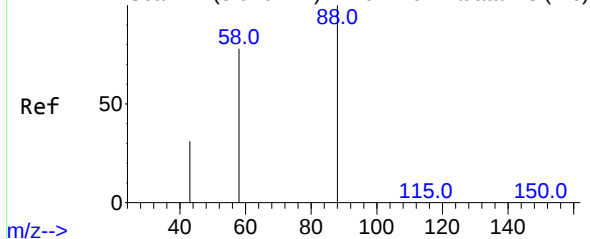
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110321\
Data File : BN017271.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 10:42:03 2021
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Abundance Scan 22 (3.076 min): BN017267.D\data.ms (-16)



#2

1,4-Dioxane

Concen: 1.754 ng/ul

RT: 3.072 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN017271.D

Acq: 03 Nov 2021 12:10

Instrument :

BNA_N

ClientSampleId :

SLCS312

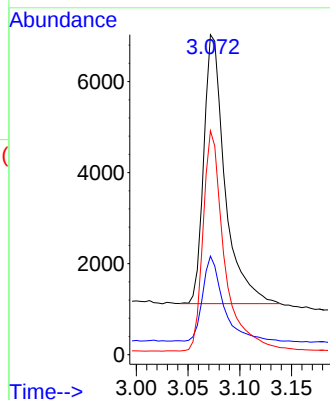
Tgt Ion: 88 Resp: 8401

Ion Ratio Lower Upper

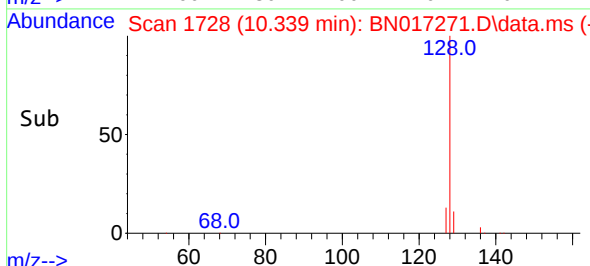
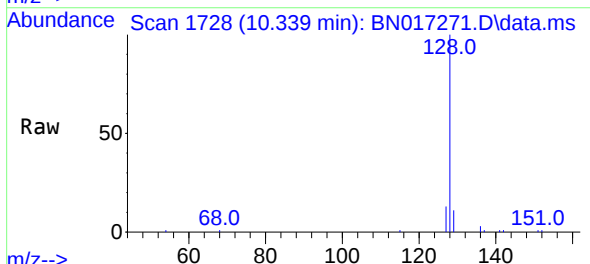
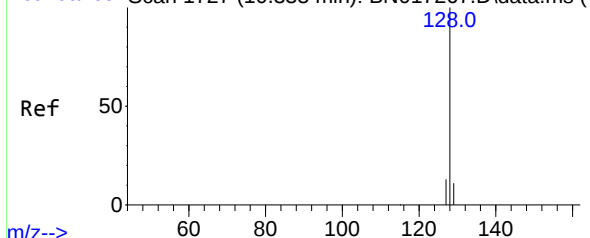
88 100

43 30.8 31.8 47.6#

58 70.0 41.9 62.9#



Abundance Scan 1727 (10.333 min): BN017267.D\data.ms (-16)



#5

Naphthalene

Concen: 0.377 ng/ul

RT: 10.339 min Scan# 1728

Delta R.T. 0.005 min

Lab File: BN017271.D

Acq: 03 Nov 2021 12:10

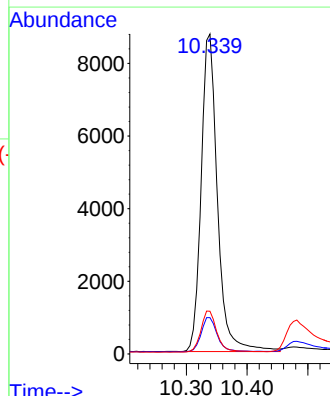
Tgt Ion: 128 Resp: 16292

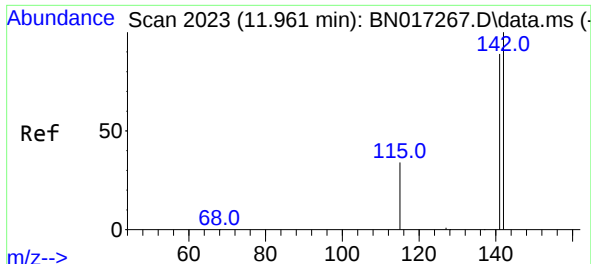
Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

127 13.3 10.8 16.2

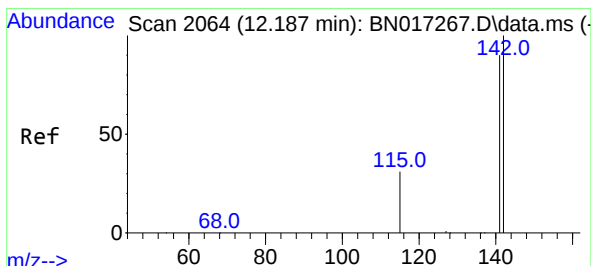
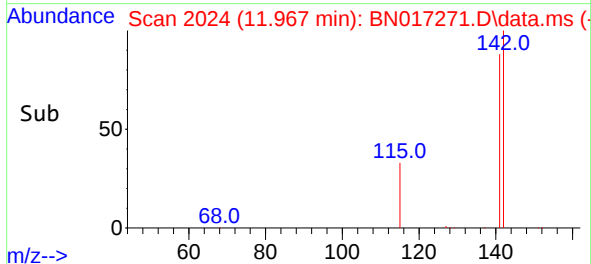
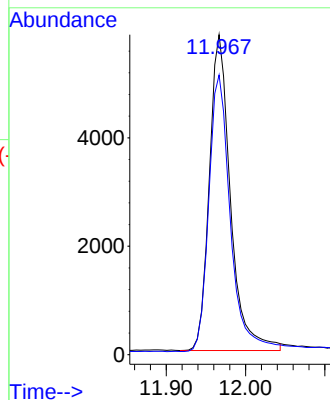
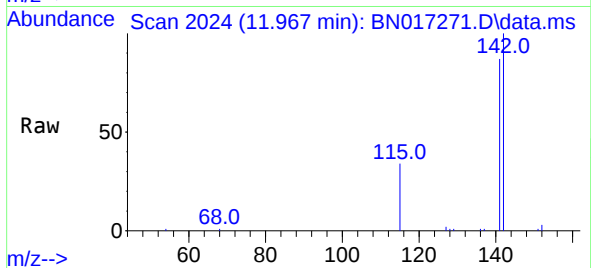




#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 11.967 min Scan# 2024
Delta R.T. 0.005 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

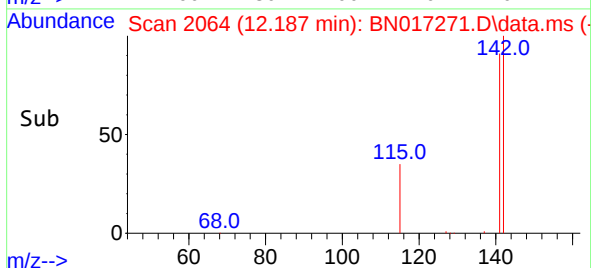
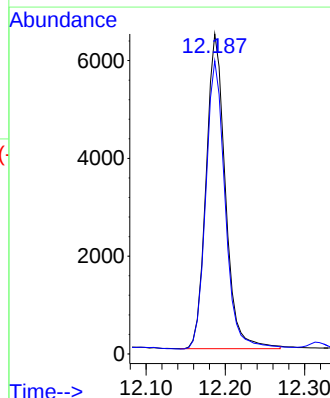
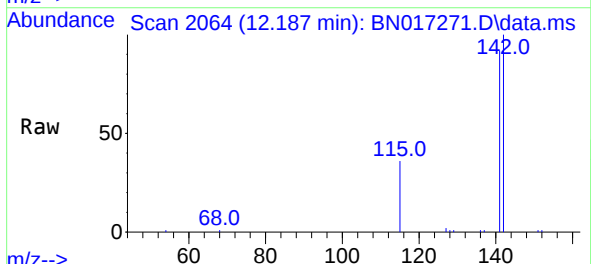
Instrument :
BNA_N
ClientSampleId :
SLCS312

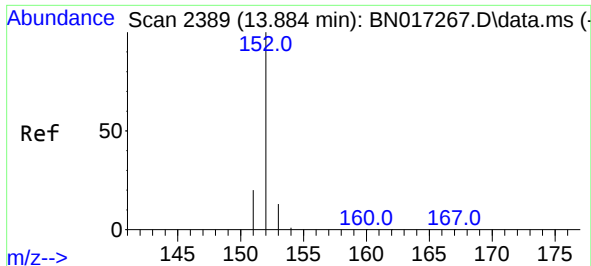
Tgt Ion:142 Resp: 10816
Ion Ratio Lower Upper
142 100
141 89.6 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.187 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

Tgt Ion:142 Resp: 10877
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.8

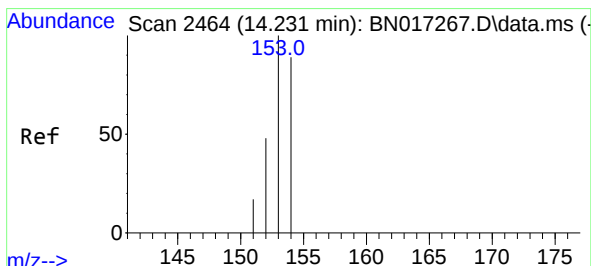
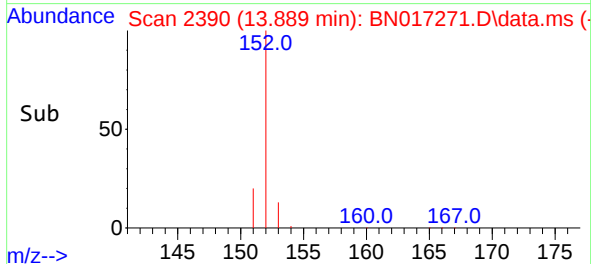
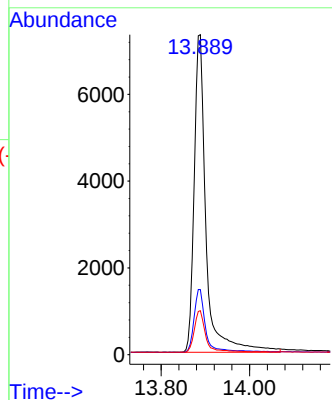
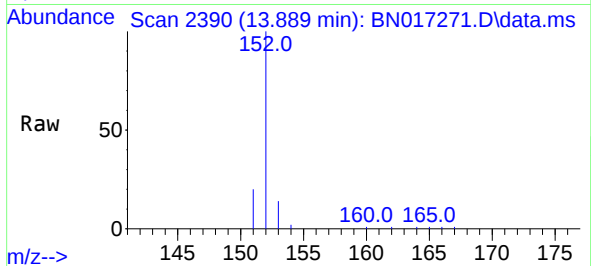




#10
Acenaphthylene
Concen: 0.374 ng/ul
RT: 13.889 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

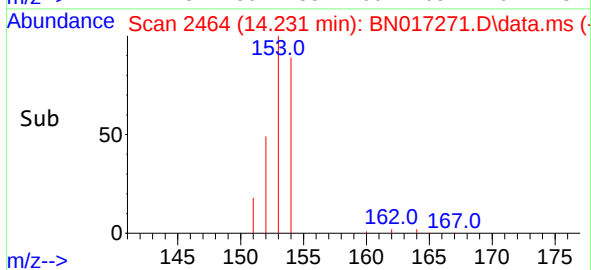
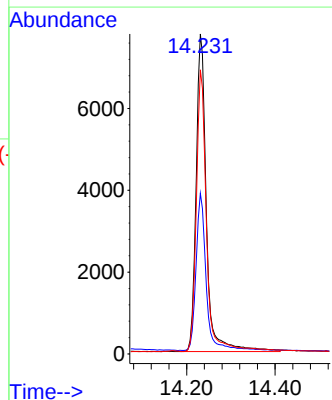
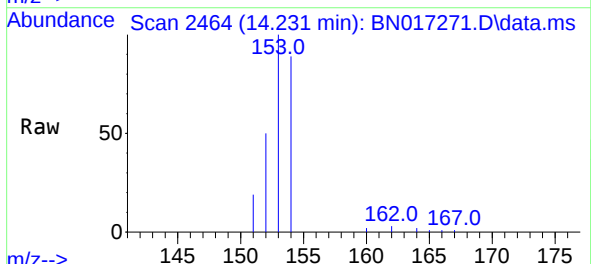
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BNA_N
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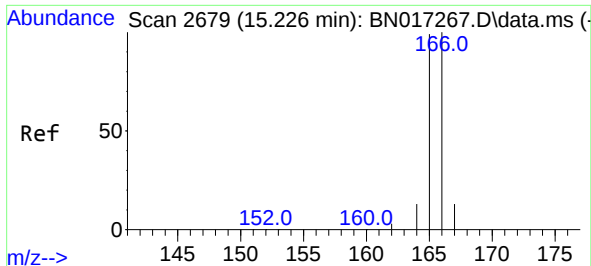
Tgt Ion:152 Resp: 13667
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.8 10.8 16.2



#11
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.231 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

Tgt Ion:153 Resp: 12543
Ion Ratio Lower Upper
153 100
152 50.2 39.5 59.3
154 88.8 70.0 105.0

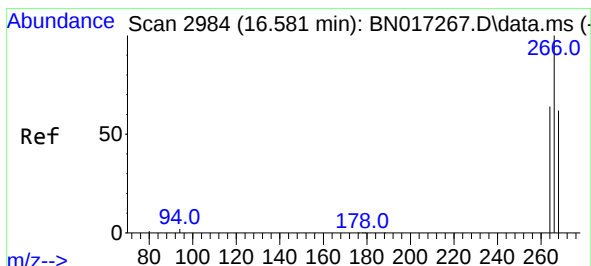
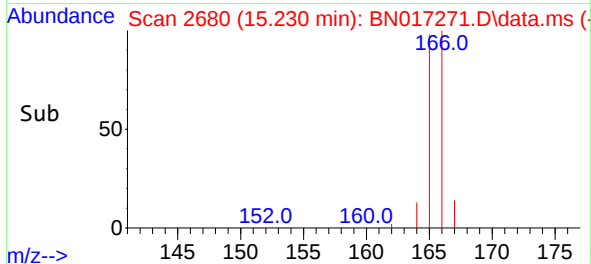
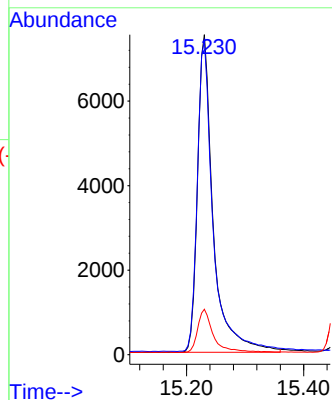
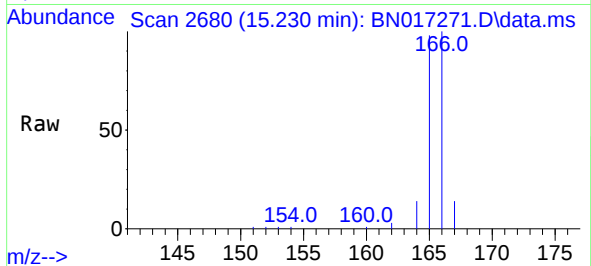




#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.230 min Scan# 20
Delta R.T. 0.005 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

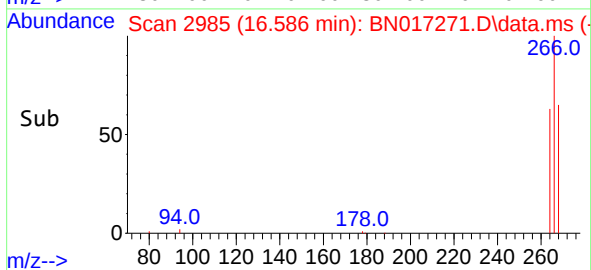
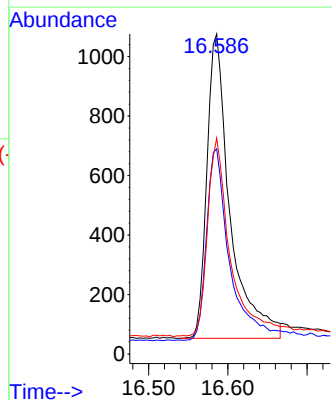
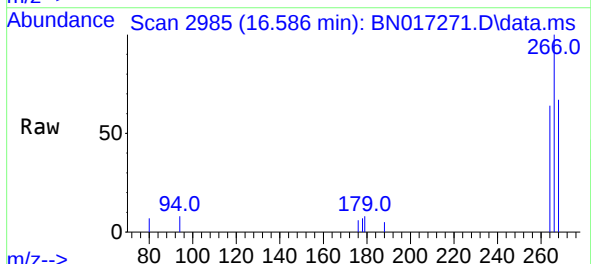
Instrument :
BNA_N
ClientSampleId :
SLCS312

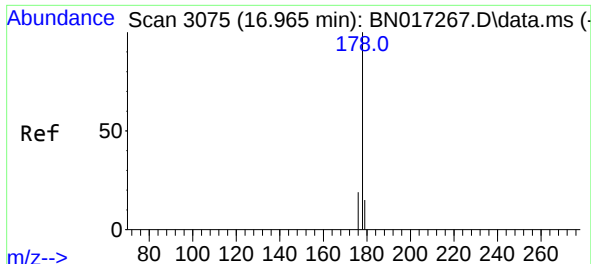
Tgt Ion:166 Resp: 14067
Ion Ratio Lower Upper
166 100
165 98.1 77.7 116.5
167 14.2 11.1 16.7



#14
Pentachlorophenol
Concen: 0.459 ng/ul
RT: 16.586 min Scan# 2985
Delta R.T. 0.005 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

Tgt Ion:266 Resp: 2080
Ion Ratio Lower Upper
266 100
264 63.0 49.9 74.9
268 64.5 51.2 76.8

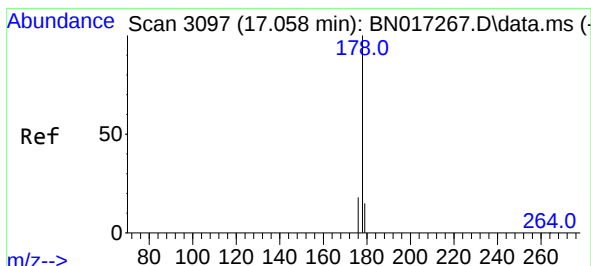
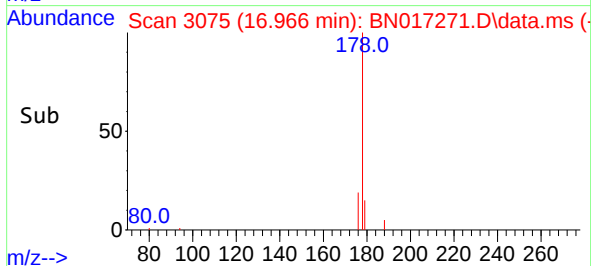
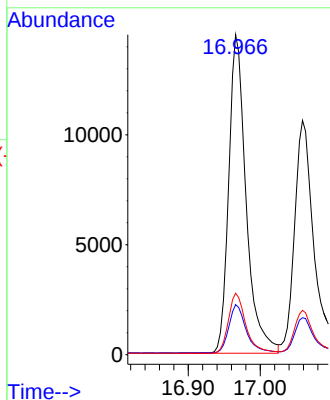
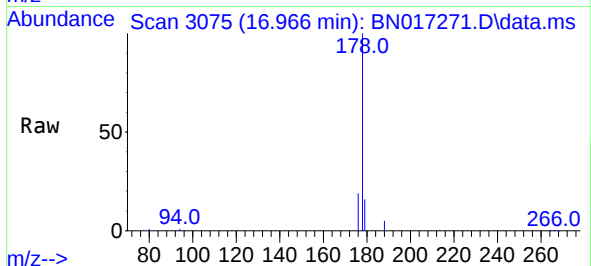




#15
Phenanthrene
Concen: 0.381 ng/u1
RT: 16.966 min Scan# 3075
Delta R.T. 0.000 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

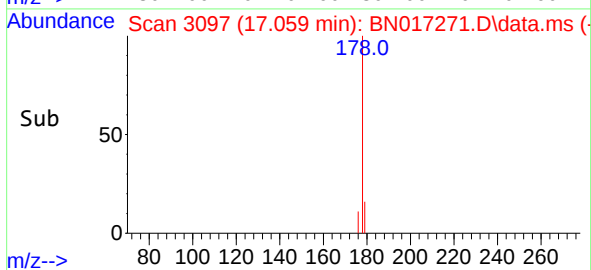
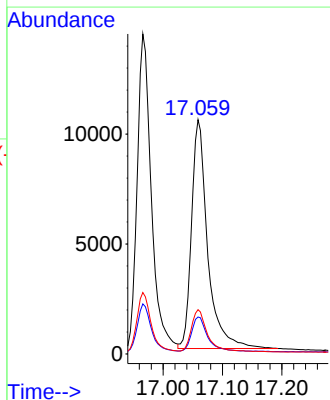
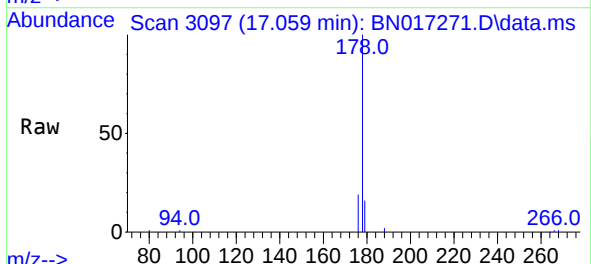
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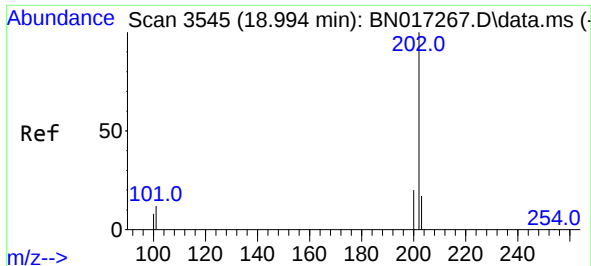
Tgt Ion:178 Resp: 24304
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.2 15.5 23.3



#16
Anthracene
Concen: 0.371 ng/u1
RT: 17.059 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

Tgt Ion:178 Resp: 19622
Ion Ratio Lower Upper
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179 15.8 12.6 19.0
176 18.9 15.2 22.8

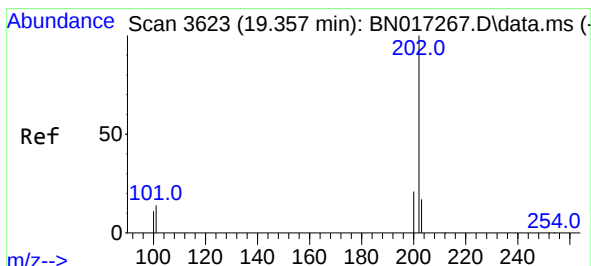
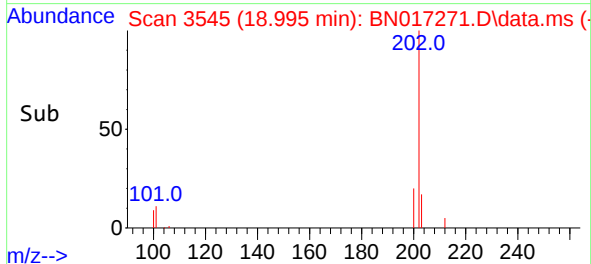
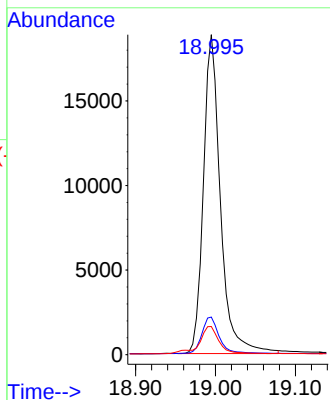
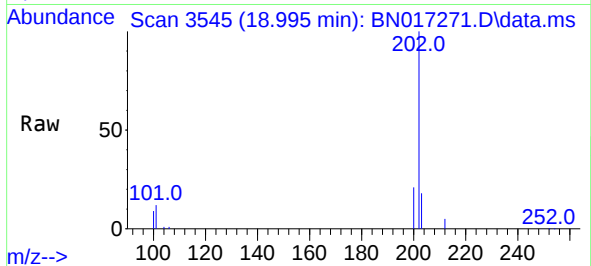




#19
Fluoranthene
Concen: 0.403 ng/u1
RT: 18.995 min Scan# 3545
Delta R.T. 0.000 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

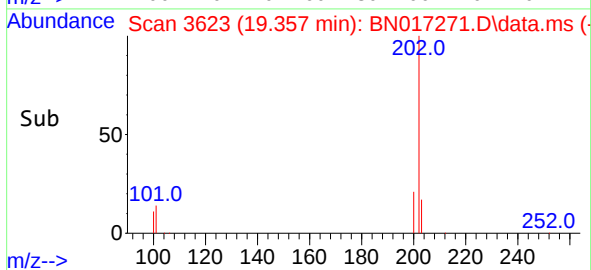
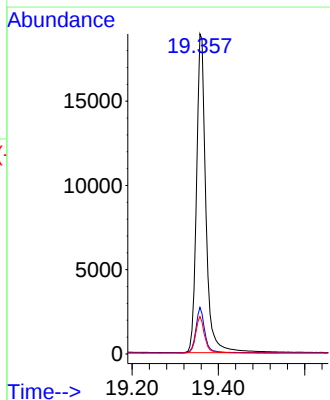
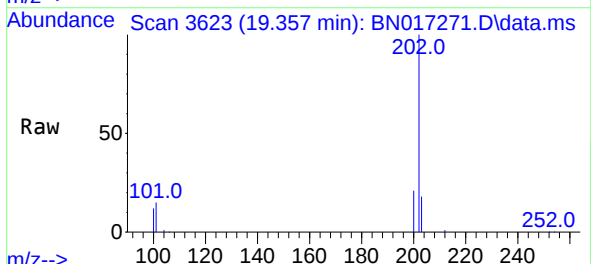
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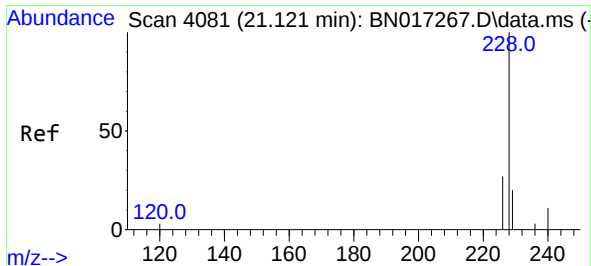
Tgt Ion:202 Resp: 27995
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 8.8 7.2 10.8



#20
Pyrene
Concen: 0.401 ng/u1
RT: 19.357 min Scan# 3623
Delta R.T. 0.000 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

Tgt Ion:202 Resp: 28551
Ion Ratio Lower Upper
202 100
101 14.6 10.3 15.5
100 11.7 8.2 12.2

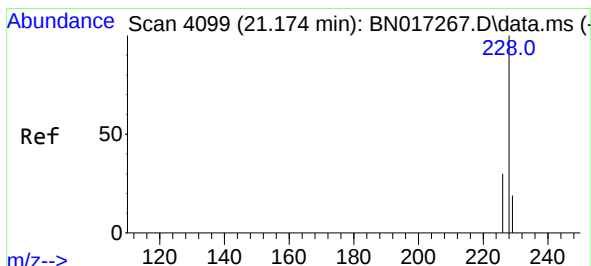
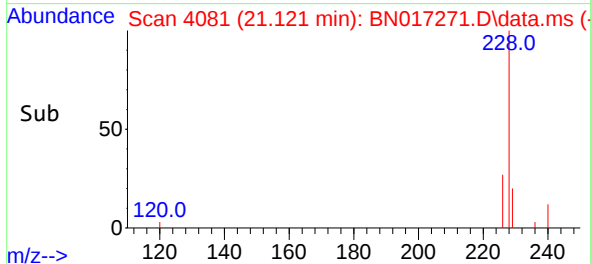
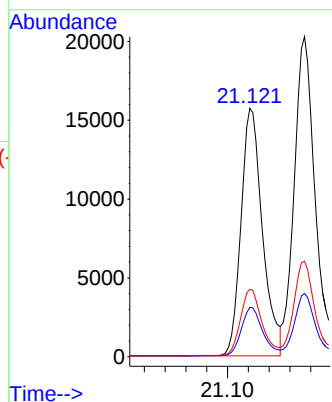
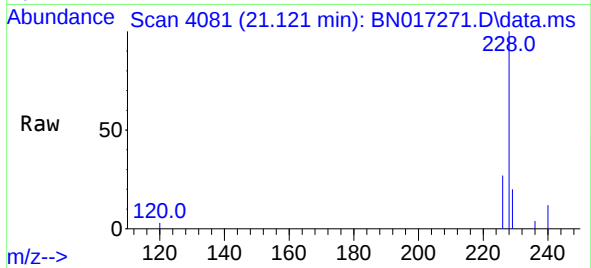




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.121 min Scan# 4081
Delta R.T. 0.000 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

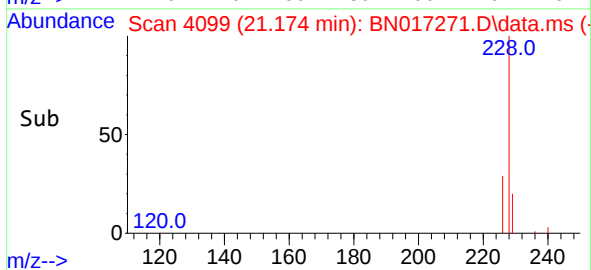
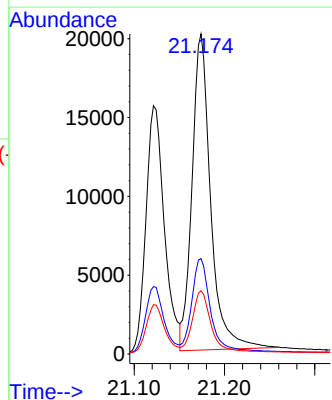
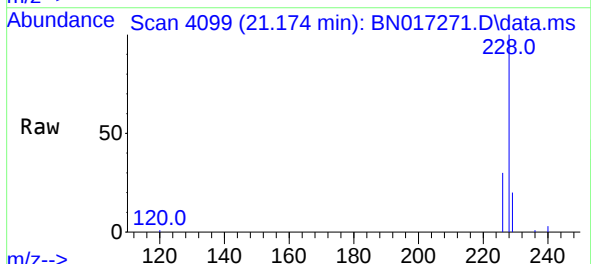
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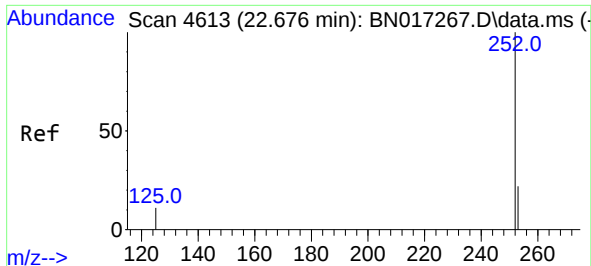
Tgt Ion:228 Resp: 22470
Ion Ratio Lower Upper
228 100
229 19.8 16.1 24.1
226 27.1 21.7 32.5



#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.174 min Scan# 4099
Delta R.T. 0.000 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

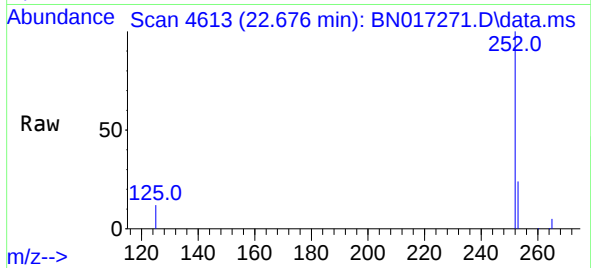
Tgt Ion:228 Resp: 28680
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 19.7 15.4 23.2



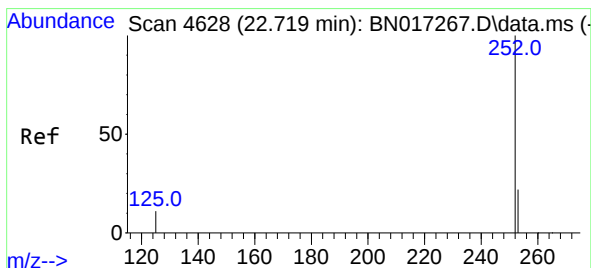
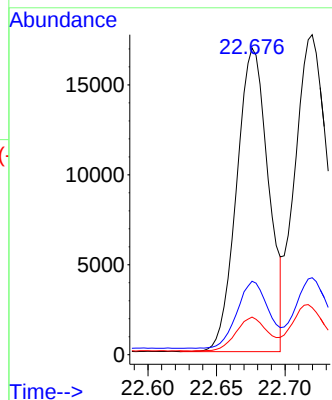


#24
Benzo(b)fluoranthene
Concen: 0.398 ng/ul
RT: 22.676 min Scan# 4613
Delta R.T. 0.000 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

Instrument :
BNA_N
ClientSampleId :
SLCS312

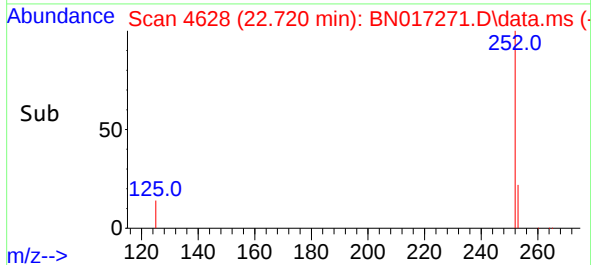
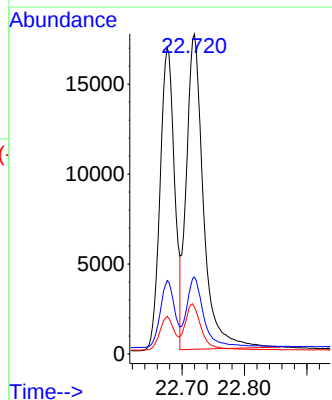
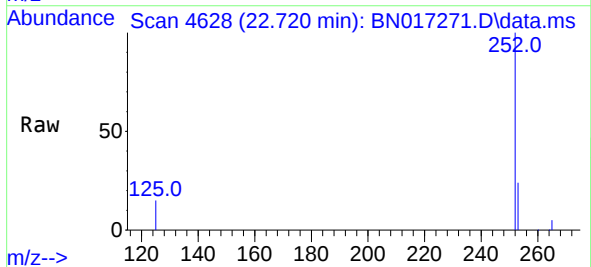


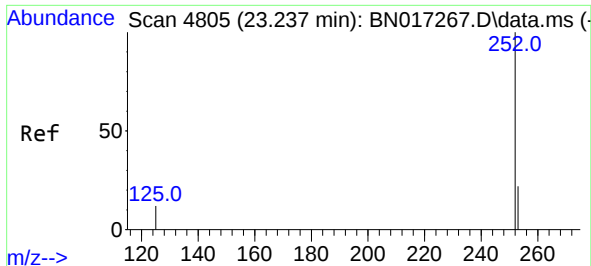
Tgt Ion:252 Resp: 27234
Ion Ratio Lower Upper
252 100
253 24.0 0.0 46.8
125 12.3 0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 0.428 ng/ul
RT: 22.720 min Scan# 4628
Delta R.T. 0.000 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

Tgt Ion:252 Resp: 33272
Ion Ratio Lower Upper
252 100
253 24.1 18.3 27.5
125 14.7 10.0 15.0

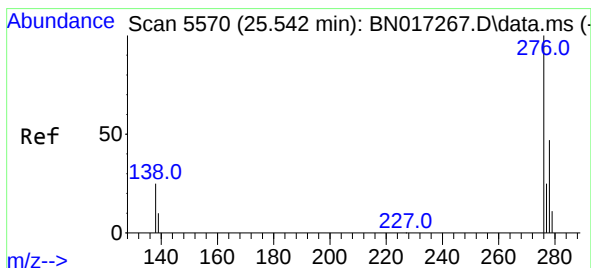
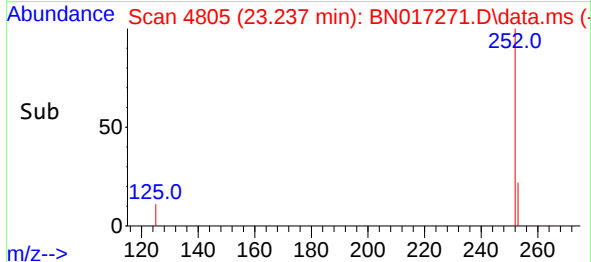
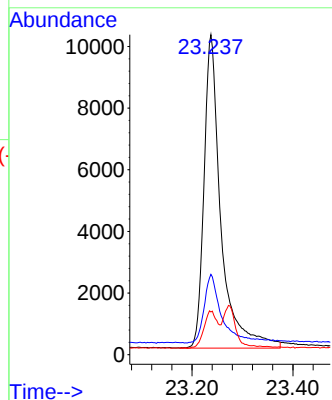
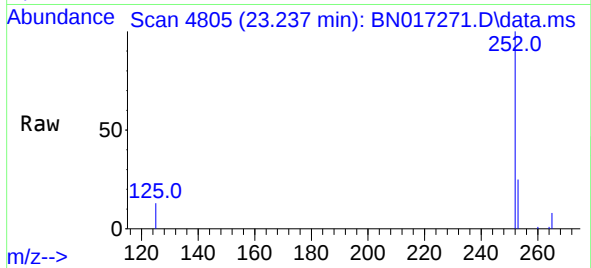




#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.237 min Scan# 4805
Delta R.T. 0.000 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

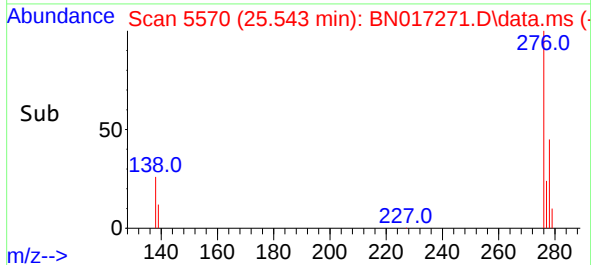
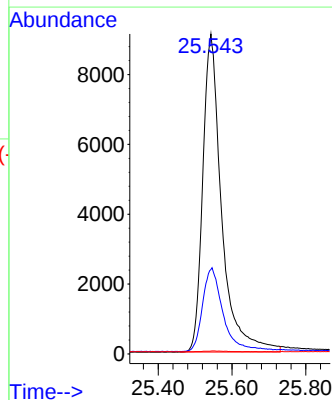
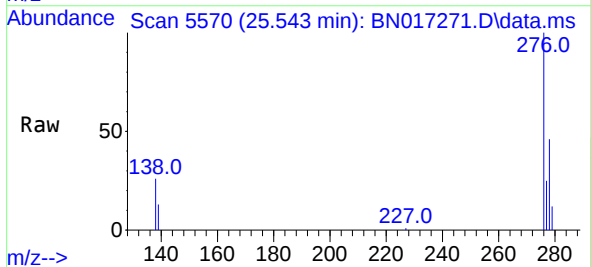
Instrument :
BNA_N
ClientSampleId :
SLCS312

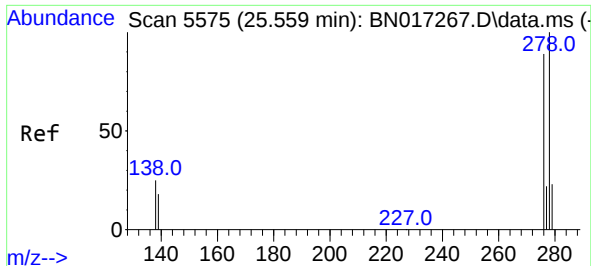
Tgt Ion:	252	Resp:	23724
Ion Ratio	Lower	Upper	
252	100		
253	25.1	19.3	28.9
125	13.4	10.8	16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng/ul
RT: 25.543 min Scan# 5570
Delta R.T. 0.000 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

Tgt Ion:	276	Resp:	32313
Ion Ratio	Lower	Upper	
276	100		
138	28.9	22.2	33.4
227	0.3	0.0	0.0

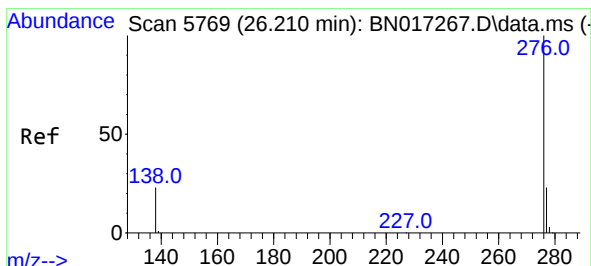
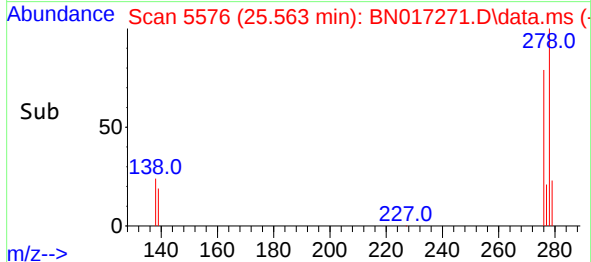
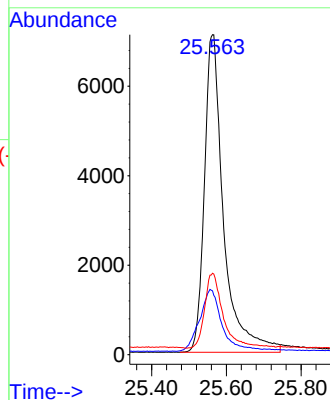
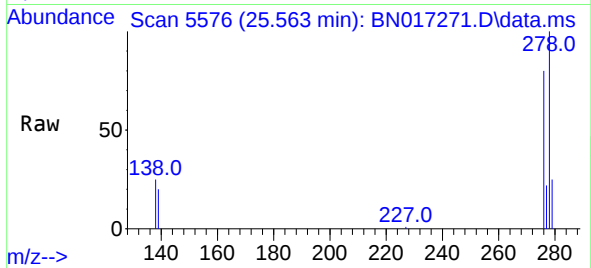




#28
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 25.563 min Scan# 51
Delta R.T. 0.004 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

Instrument :
BNA_N
ClientSampleId :
SLCS312

Tgt Ion:278 Resp: 25303
Ion Ratio Lower Upper
278 100
139 20.0 15.4 23.0
279 25.5 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 26.210 min Scan# 5769
Delta R.T. 0.000 min
Lab File: BN017271.D
Acq: 03 Nov 2021 12:10

Tgt Ion:276 Resp: 26416
Ion Ratio Lower Upper
276 100
138 24.1 19.2 28.8
277 24.0 19.0 28.6

