

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110321\
 Data File : BN017300.D
 Acq On : 04 Nov 2021 06:58
 Operator : CG/JU
 Sample : PB140424BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS424

Quant Time: Nov 08 01:08:07 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)

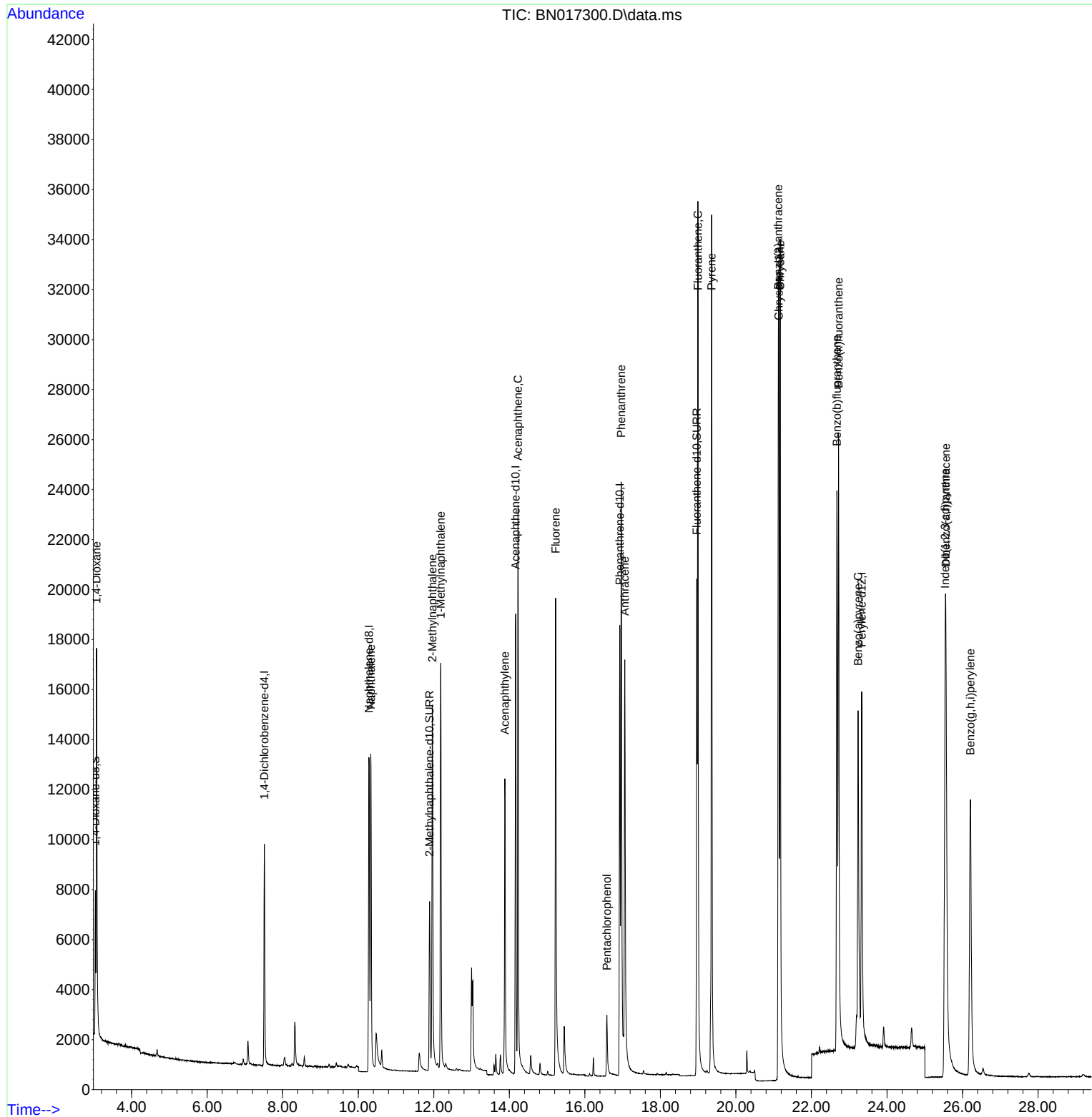
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	4754	0.400	ng/ul	0.00
4) Naphthalene-d8	10.282	136	18540	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.169	164	10869	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.926	188	23881	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	21658	0.400	ng/ul	0.00
23) Perylene-d12	23.332	264	19369	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	3832	0.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.888	152	9926	0.367	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	23970	0.422	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.071	88	9758	1.719	ng/ul#	77
5) Naphthalene	10.332	128	18396	0.358	ng/ul	100
7) 2-Methylnaphthalene	11.965	142	12176	0.343	ng/ul	99
8) 1-Methylnaphthalene	12.185	142	12189	0.335	ng/ul	100
10) Acenaphthylene	13.882	152	15193	0.353	ng/ul	99
11) Acenaphthene	14.229	153	13989	0.371	ng/ul	99
12) Fluorene	15.229	166	15755	0.358	ng/ul	100
14) Pentachlorophenol	16.584	266	2161	0.401	ng/ul	99
15) Phenanthrene	16.964	178	27467	0.363	ng/ul	100
16) Anthracene	17.057	178	22365	0.356	ng/ul	99
19) Fluoranthene	18.993	202	31368	0.405	ng/ul	100
20) Pyrene	19.355	202	31992	0.402	ng/ul	97
21) Benzo(a)anthracene	21.123	228	23950	0.338	ng/ul	100
22) Chrysene	21.172	228	31350	0.390	ng/ul	99
24) Benzo(b)fluoranthene	22.674	252	29052	0.402	ng/ul	100
25) Benzo(k)fluoranthene	22.718	252	33229	0.406	ng/ul	99
26) Benzo(a)pyrene	23.236	252	23752	0.367	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.541	276	30777	0.335	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.558	278	23849	0.328	ng/ul	98
29) Benzo(g,h,i)perylene	26.208	276	25569	0.329	ng/ul	99

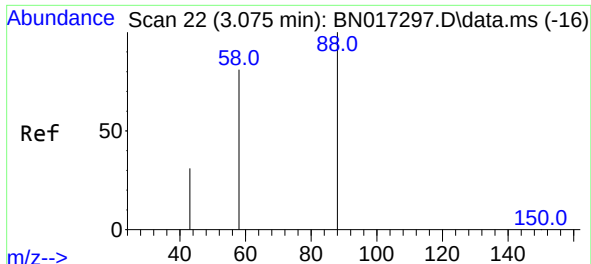
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

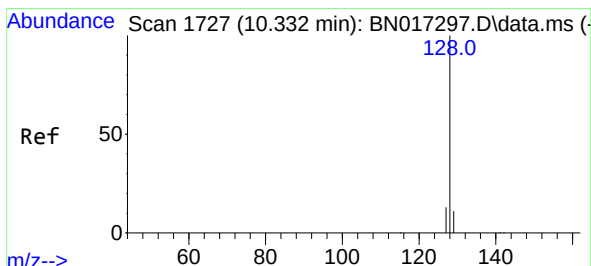
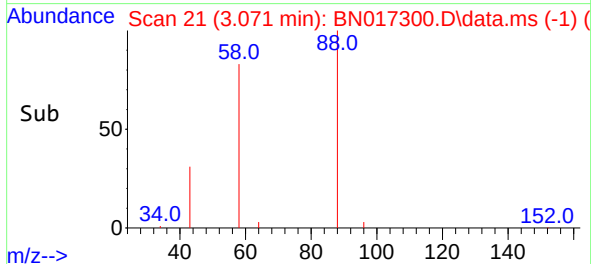
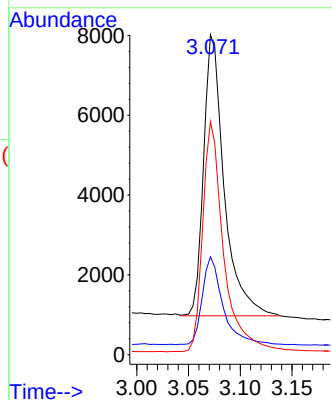
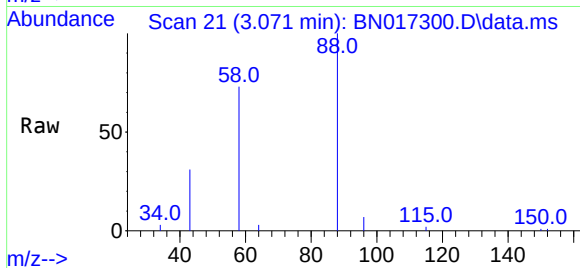




#2
1,4-Dioxane
Concen: 1.719 ng/ul
RT: 3.071 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

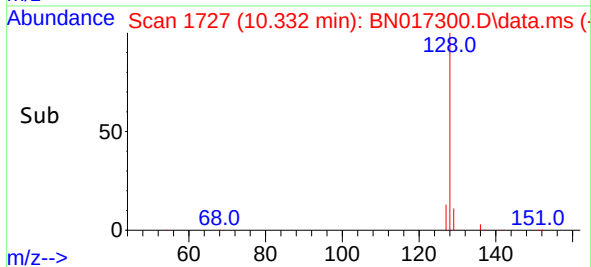
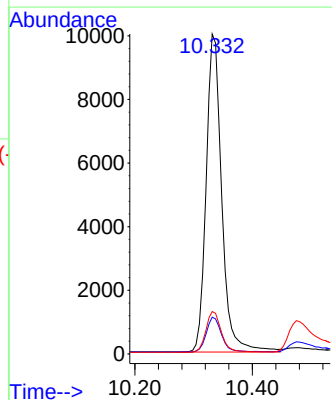
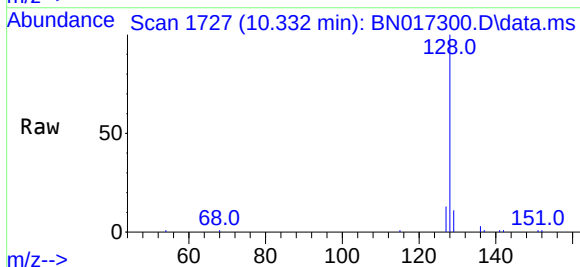
Instrument :
BNA_N
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SLCS424

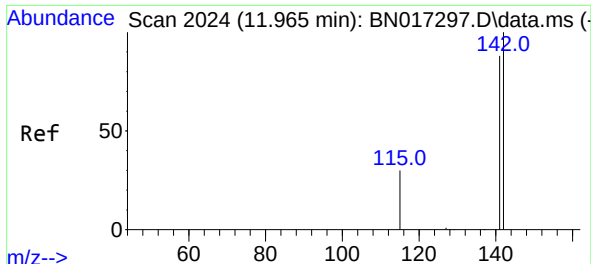
Tgt Ion: 88 Resp: 9758
Ion Ratio Lower Upper
88 100
43 30.6 31.8 47.6#
58 72.8 41.9 62.9#



#5
Naphthalene
Concen: 0.358 ng/ul
RT: 10.332 min Scan# 1727
Delta R.T. -0.002 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

Tgt Ion: 128 Resp: 18396
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.2 10.8 16.2

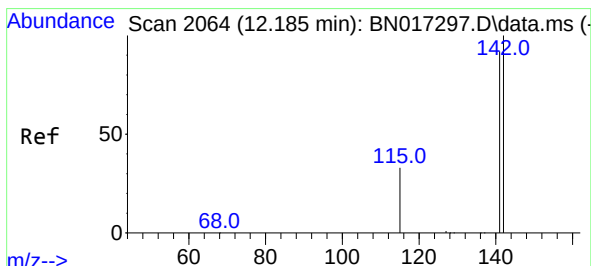
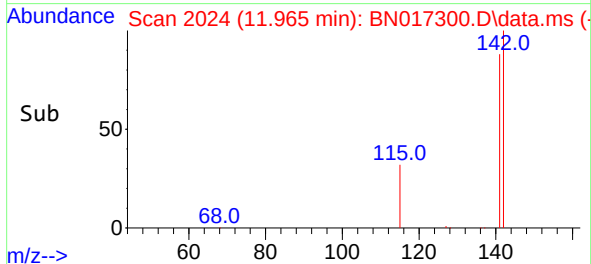
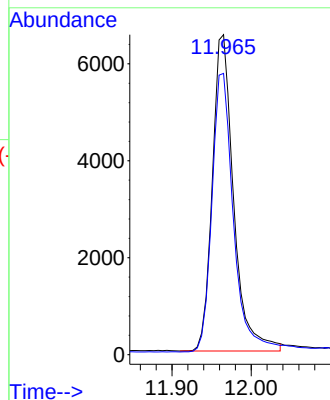
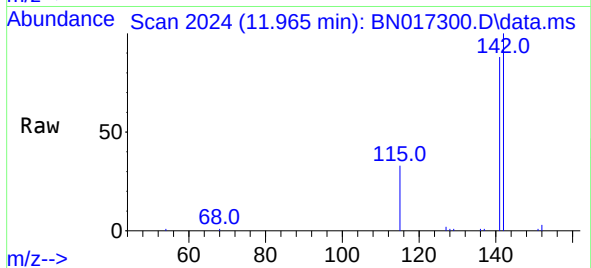




#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 11.965 min Scan# 2024
Delta R.T. 0.004 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

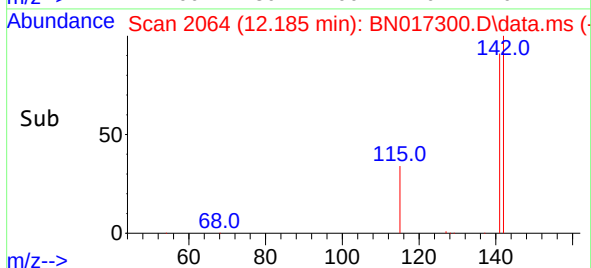
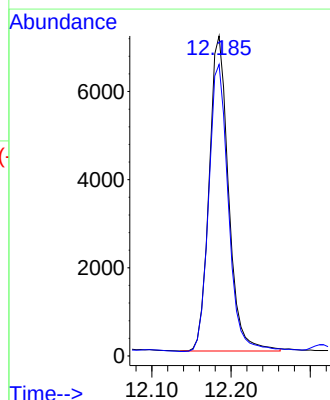
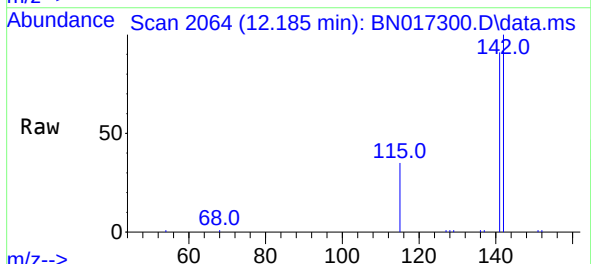
Instrument :
BNA_N
ClientSampleId :
SLCS424

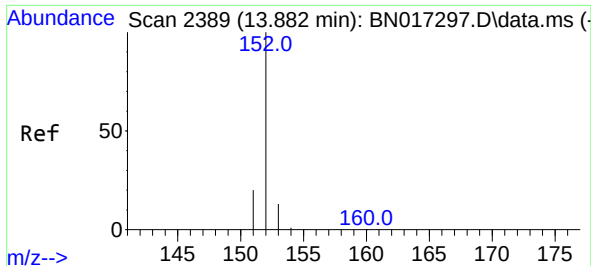
Tgt Ion:142 Resp: 12176
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.185 min Scan# 2064
Delta R.T. -0.002 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

Tgt Ion:142 Resp: 12189
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.8

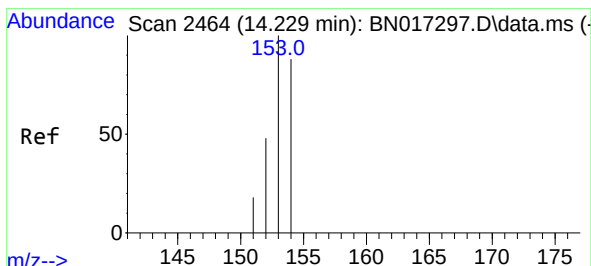
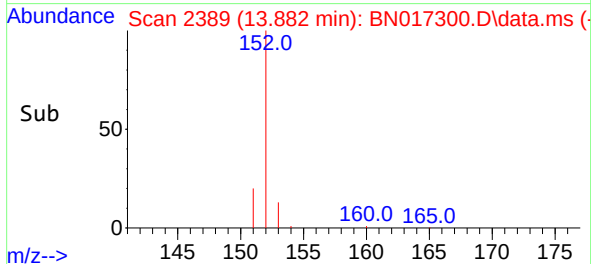
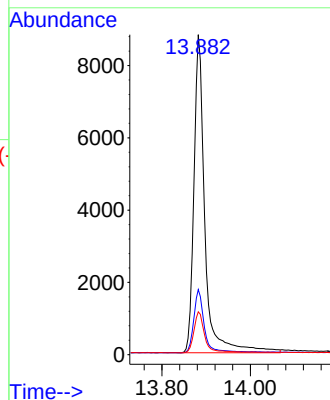
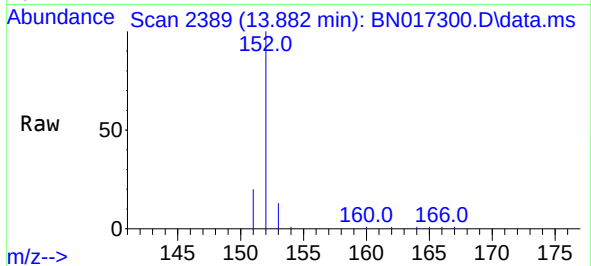




#10
Acenaphthylene
Concen: 0.353 ng/ul
RT: 13.882 min Scan# 2389
Delta R.T. -0.002 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

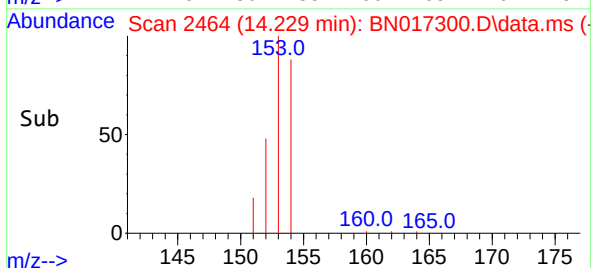
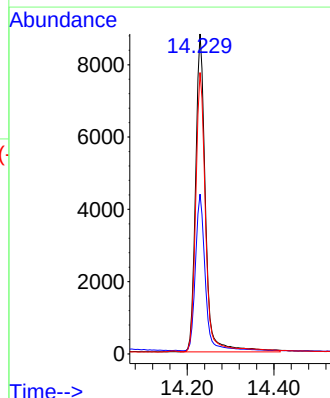
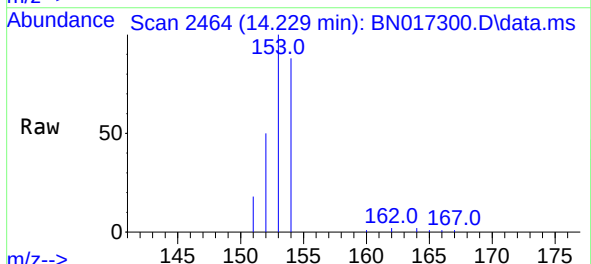
Instrument :
BNA_N
ClientSampleId :
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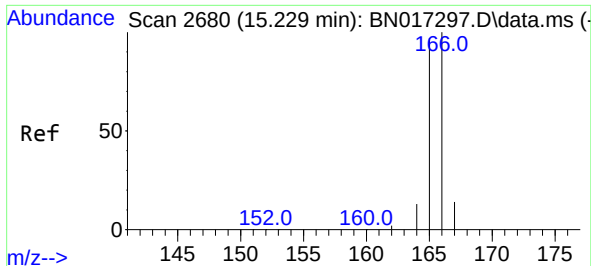
Tgt Ion:	152	Resp:	15193
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.4	10.8	16.2



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.229 min Scan# 2464
Delta R.T. -0.002 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

Tgt Ion:	153	Resp:	13989
Ion	Ratio	Lower	Upper
153	100		
152	49.9	39.5	59.3
154	88.0	70.0	105.0

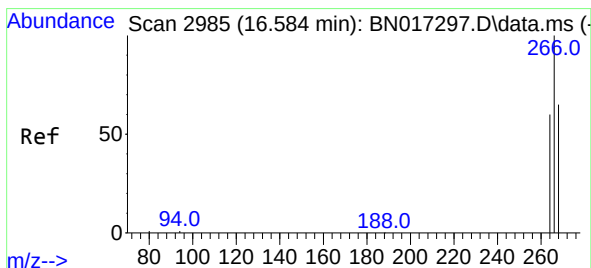
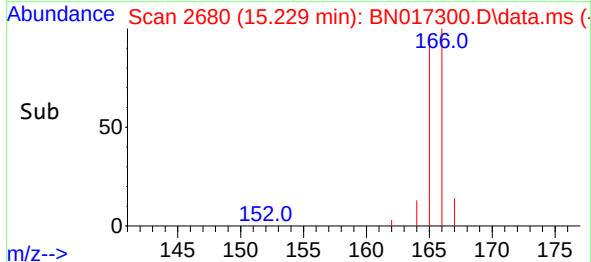
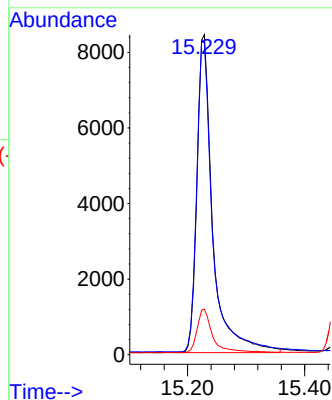
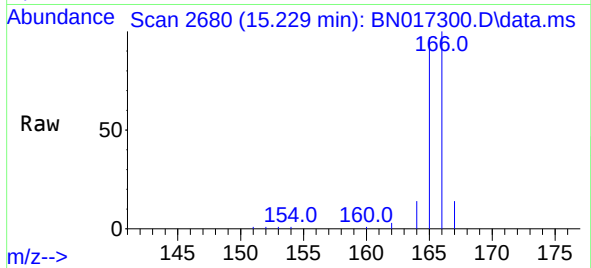




#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.229 min Scan# 2680
Delta R.T. 0.003 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

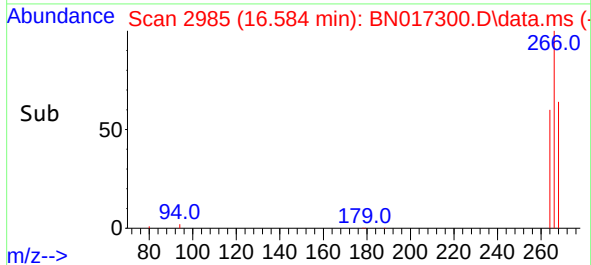
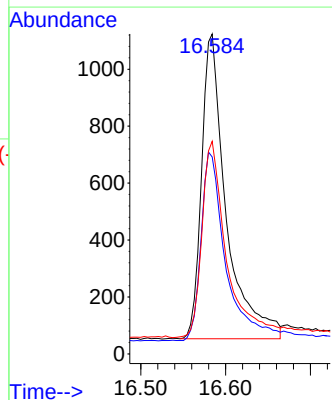
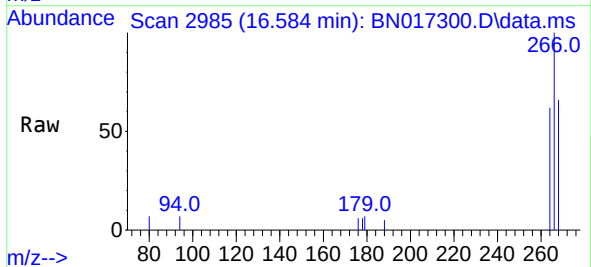
Instrument :
BNA_N
ClientSampleId :
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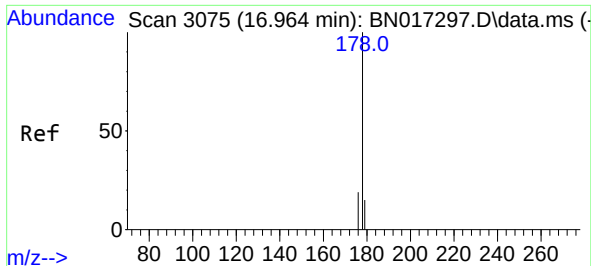
Tgt Ion:166 Resp: 15755
Ion Ratio Lower Upper
166 100
165 97.4 77.7 116.5
167 14.2 11.1 16.7



#14
Pentachlorophenol
Concen: 0.401 ng/ul
RT: 16.584 min Scan# 2985
Delta R.T. 0.003 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

Tgt Ion:266 Resp: 2161
Ion Ratio Lower Upper
266 100
264 62.2 49.9 74.9
268 64.8 51.2 76.8



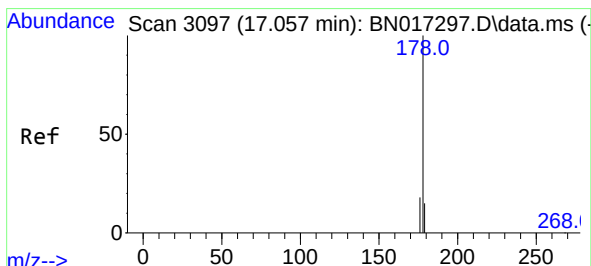
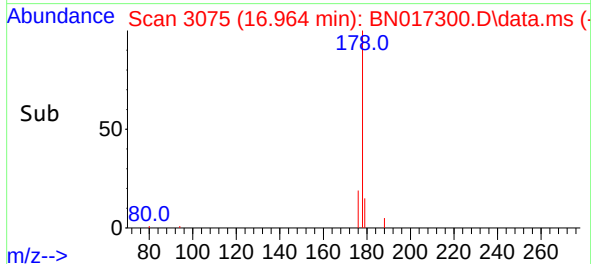
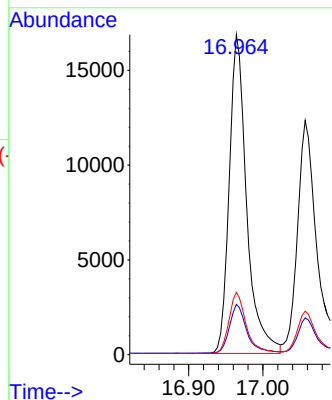
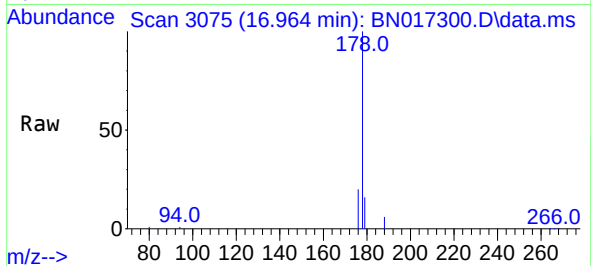


#15
Phenanthrene
Concen: 0.363 ng/u1
RT: 16.964 min Scan# 3075
Delta R.T. -0.001 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

Instrument :
BNA_N
ClientSampleId :
SLCS424

Tgt Ion:178 Resp: 27467

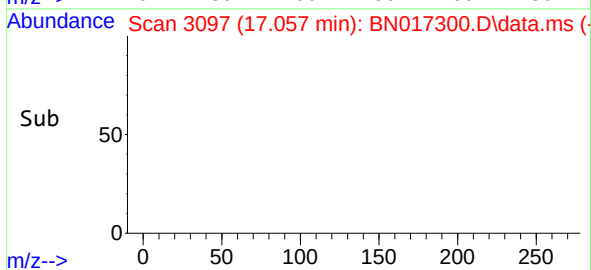
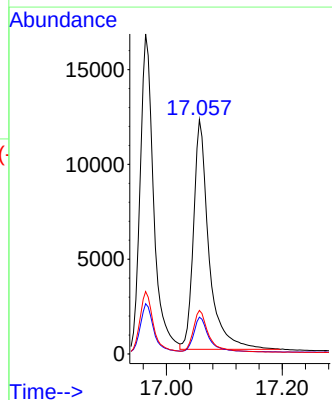
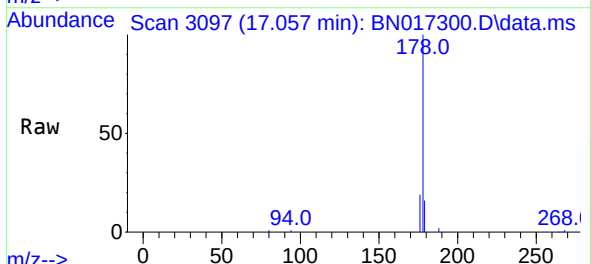
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.5	15.5	23.3

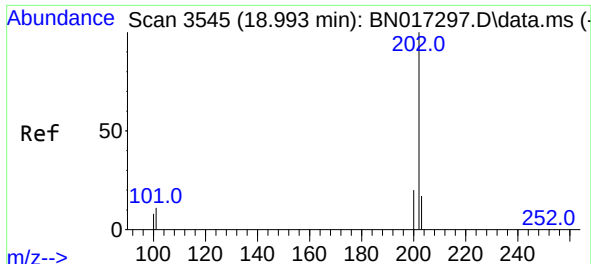


#16
Anthracene
Concen: 0.356 ng/u1
RT: 17.057 min Scan# 3097
Delta R.T. -0.001 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

Tgt Ion:178 Resp: 22365

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.6	15.2	22.8

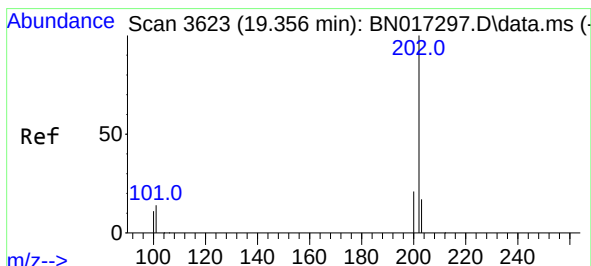
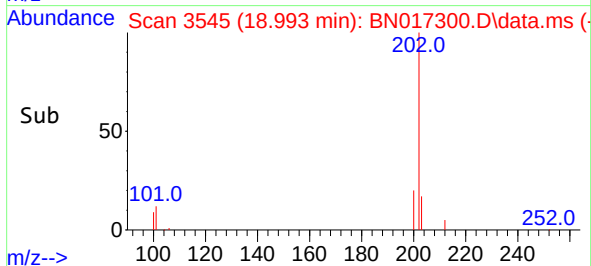
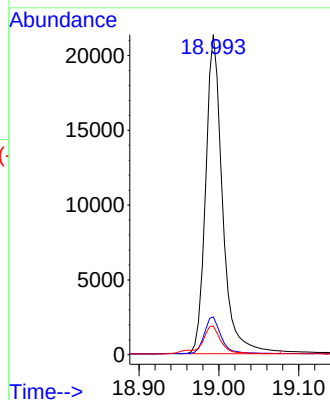
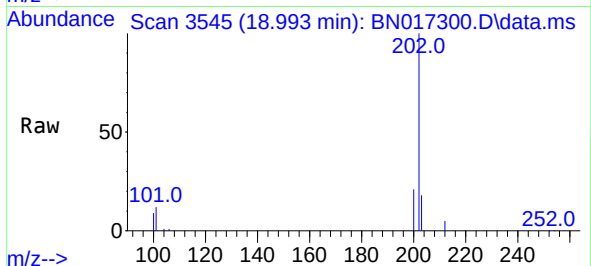




#19
Fluoranthene
Concen: 0.405 ng/u1
RT: 18.993 min Scan# 31
Delta R.T. -0.001 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

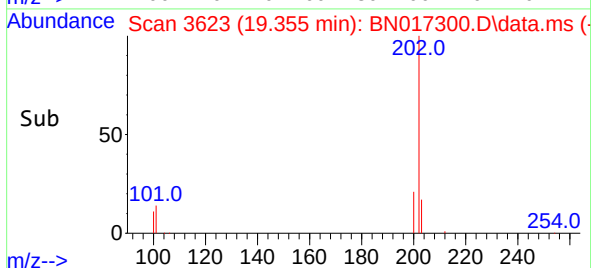
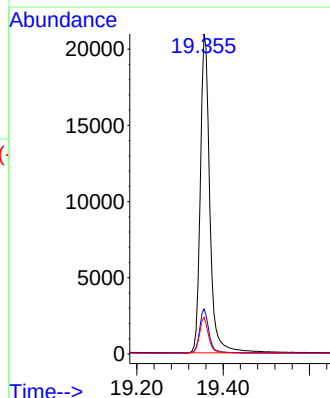
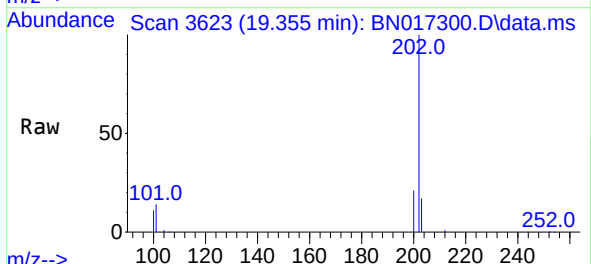
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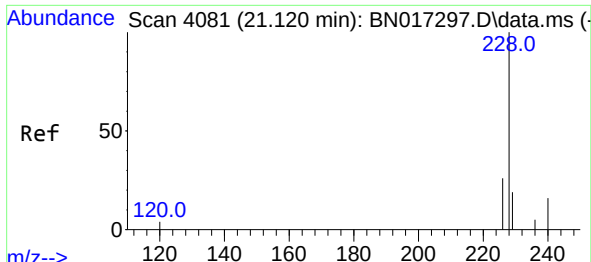
Tgt Ion:202 Resp: 31368
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 9.0 7.2 10.8



#20
Pyrene
Concen: 0.402 ng/u1
RT: 19.355 min Scan# 3623
Delta R.T. -0.001 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

Tgt Ion:202 Resp: 31992
Ion Ratio Lower Upper
202 100
101 14.1 10.3 15.5
100 11.5 8.2 12.2

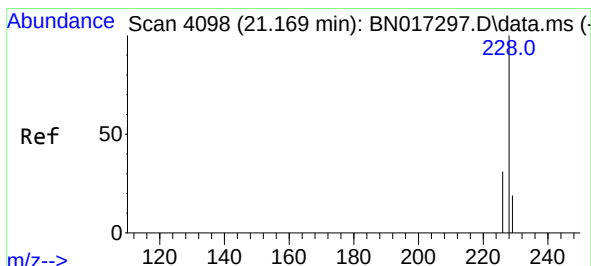
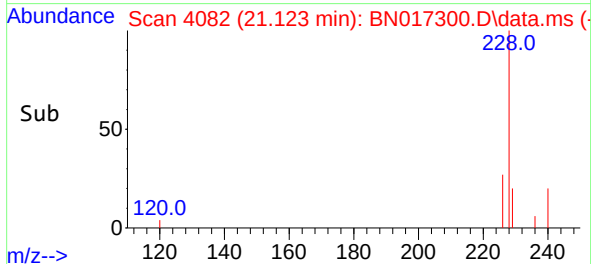
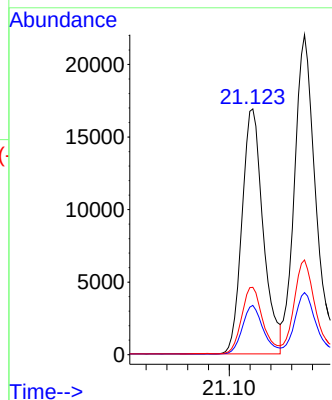
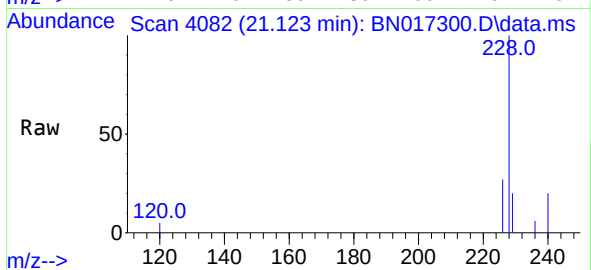




#21
Benzo(a)anthracene
Concen: 0.338 ng/u1
RT: 21.123 min Scan# 4081
Delta R.T. 0.002 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

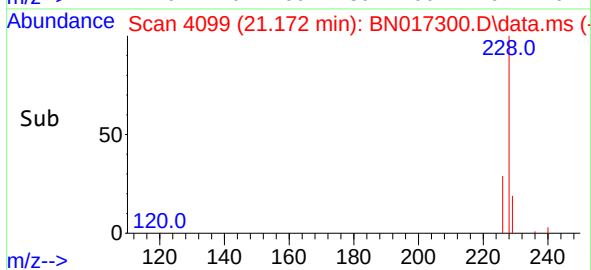
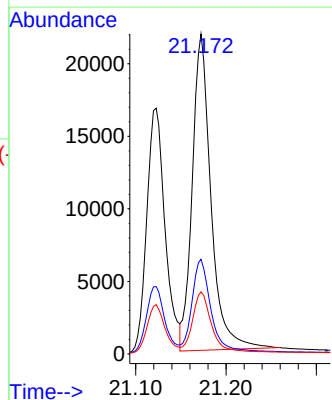
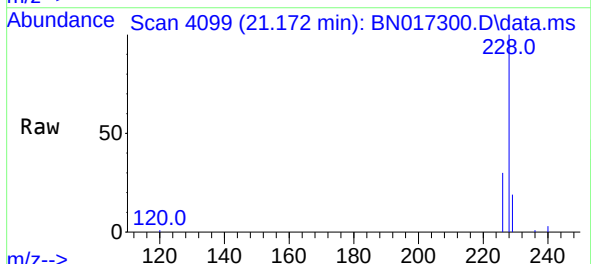
Instrument :
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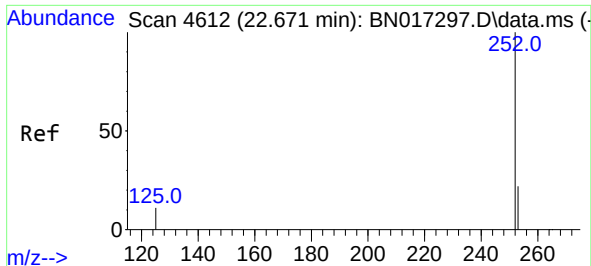
Tgt Ion:228 Resp: 23950
Ion Ratio Lower Upper
228 100
229 20.0 16.1 24.1
226 27.4 21.7 32.5



#22
Chrysene
Concen: 0.390 ng/u1
RT: 21.172 min Scan# 4099
Delta R.T. -0.001 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

Tgt Ion:228 Resp: 31350
Ion Ratio Lower Upper
228 100
226 29.6 24.1 36.1
229 19.4 15.4 23.2

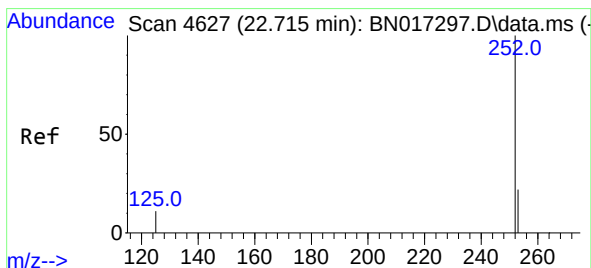
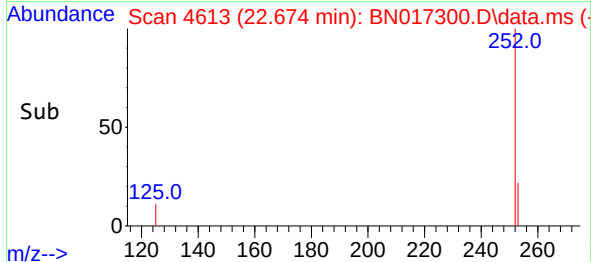
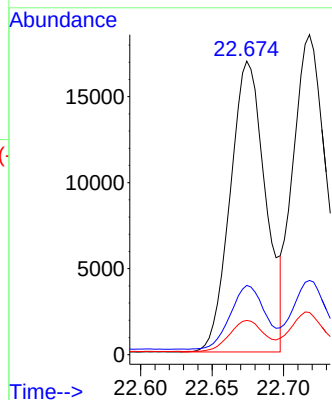
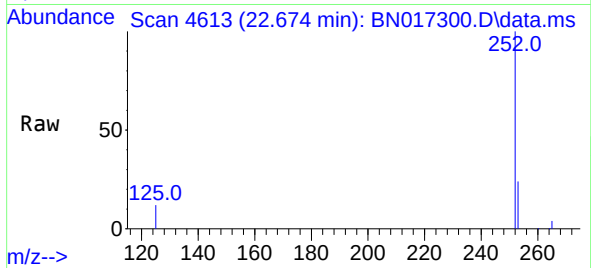




#24
Benzo(b)fluoranthene
Concen: 0.402 ng/ul
RT: 22.674 min Scan# 4612
Delta R.T. -0.001 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

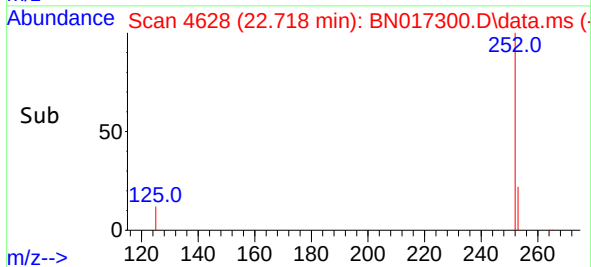
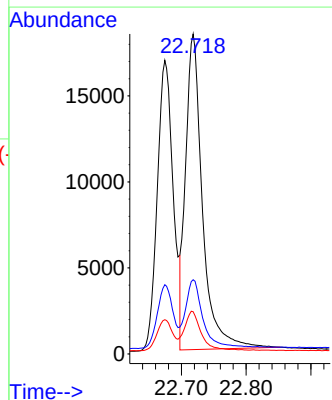
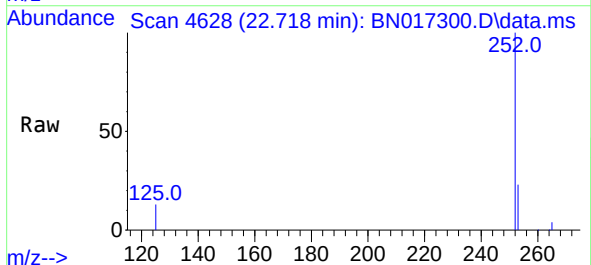
Instrument :
BNA_N
ClientSampleId :
SLCS424

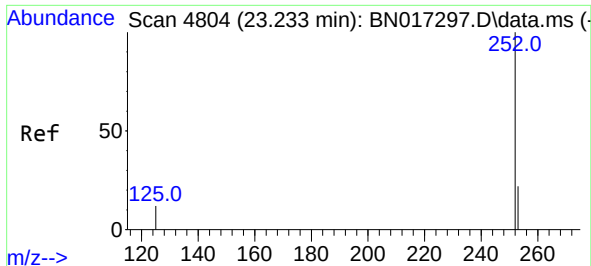
Tgt Ion:252	Resp:	29052
Ion Ratio	Lower	Upper
252	100	
253	23.6	0.0 46.8
125	11.7	0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 0.406 ng/ul
RT: 22.718 min Scan# 4628
Delta R.T. -0.001 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

Tgt Ion:252	Resp:	33229
Ion Ratio	Lower	Upper
252	100	
253	23.2	18.3 27.5
125	13.2	10.0 15.0

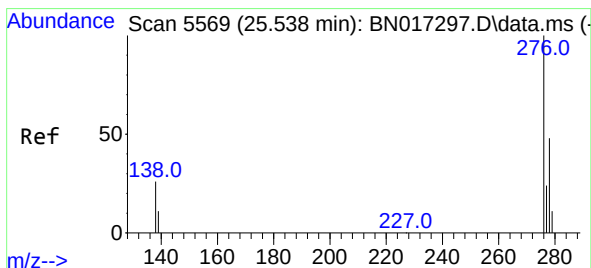
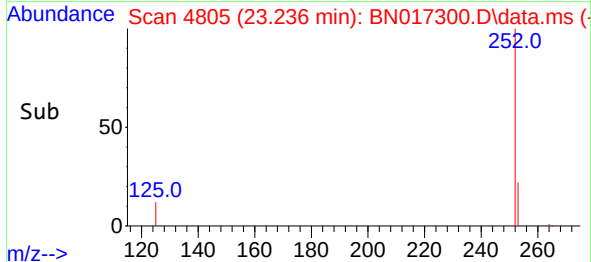
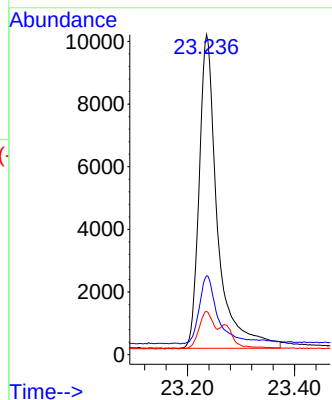
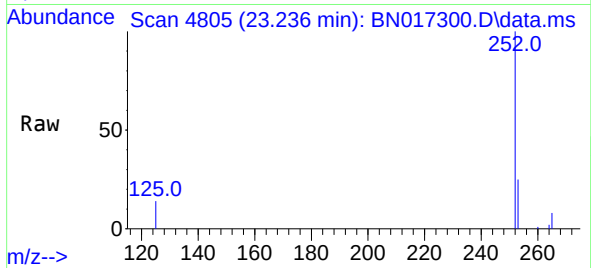




#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.236 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

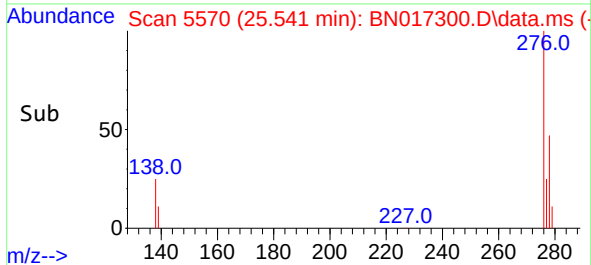
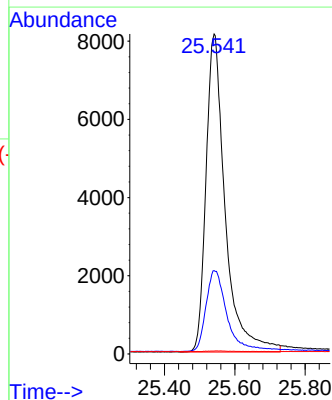
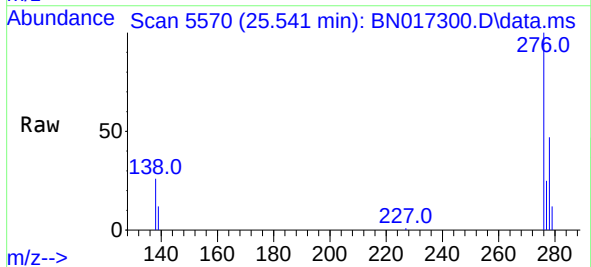
Instrument :
BNA_N
ClientSampleId :
SLCS424

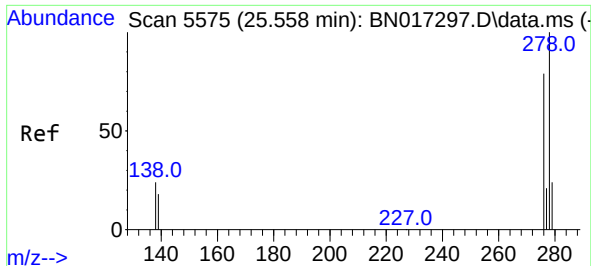
Tgt Ion:	252	Resp:	23752
Ion Ratio	Lower	Upper	
252	100		
253	24.7	19.3	28.9
125	13.5	10.8	16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng/ul
RT: 25.541 min Scan# 5570
Delta R.T. -0.001 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

Tgt Ion:	276	Resp:	30777
Ion Ratio	Lower	Upper	
276	100		
138	28.1	22.2	33.4
227	0.2	0.0	0.0

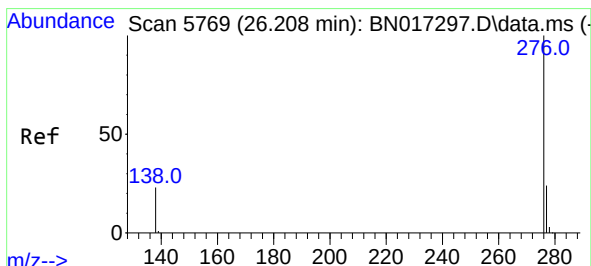
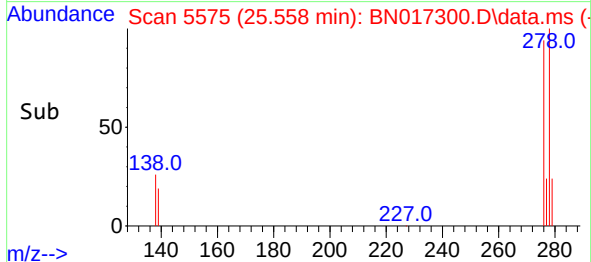
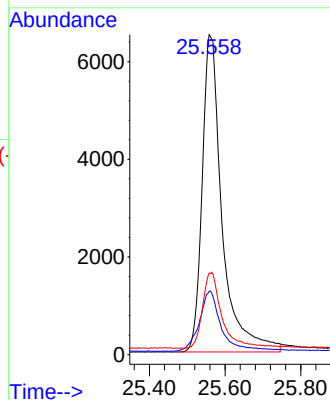
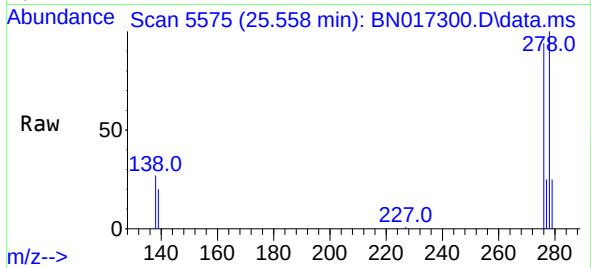




#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 25.558 min Scan# 51
Delta R.T. -0.001 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

Instrument :
BNA_N
ClientSampleId :
SLCS424

Tgt Ion:278 Resp: 23849
Ion Ratio Lower Upper
278 100
139 19.8 15.4 23.0
279 25.5 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.329 ng/ul
RT: 26.208 min Scan# 5769
Delta R.T. -0.001 min
Lab File: BN017300.D
Acq: 04 Nov 2021 06:58

Tgt Ion:276 Resp: 25569
Ion Ratio Lower Upper
276 100
138 24.0 19.2 28.8
277 24.3 19.0 28.6

