

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN12221\
 Data File : BN018170.D
 Acq On : 23 Dec 2021 02:46
 Operator : CG/JU
 Sample : PB141605BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS605

Quant Time: Dec 23 03:26:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 14:08:04 2021
 Response via : Initial Calibration

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

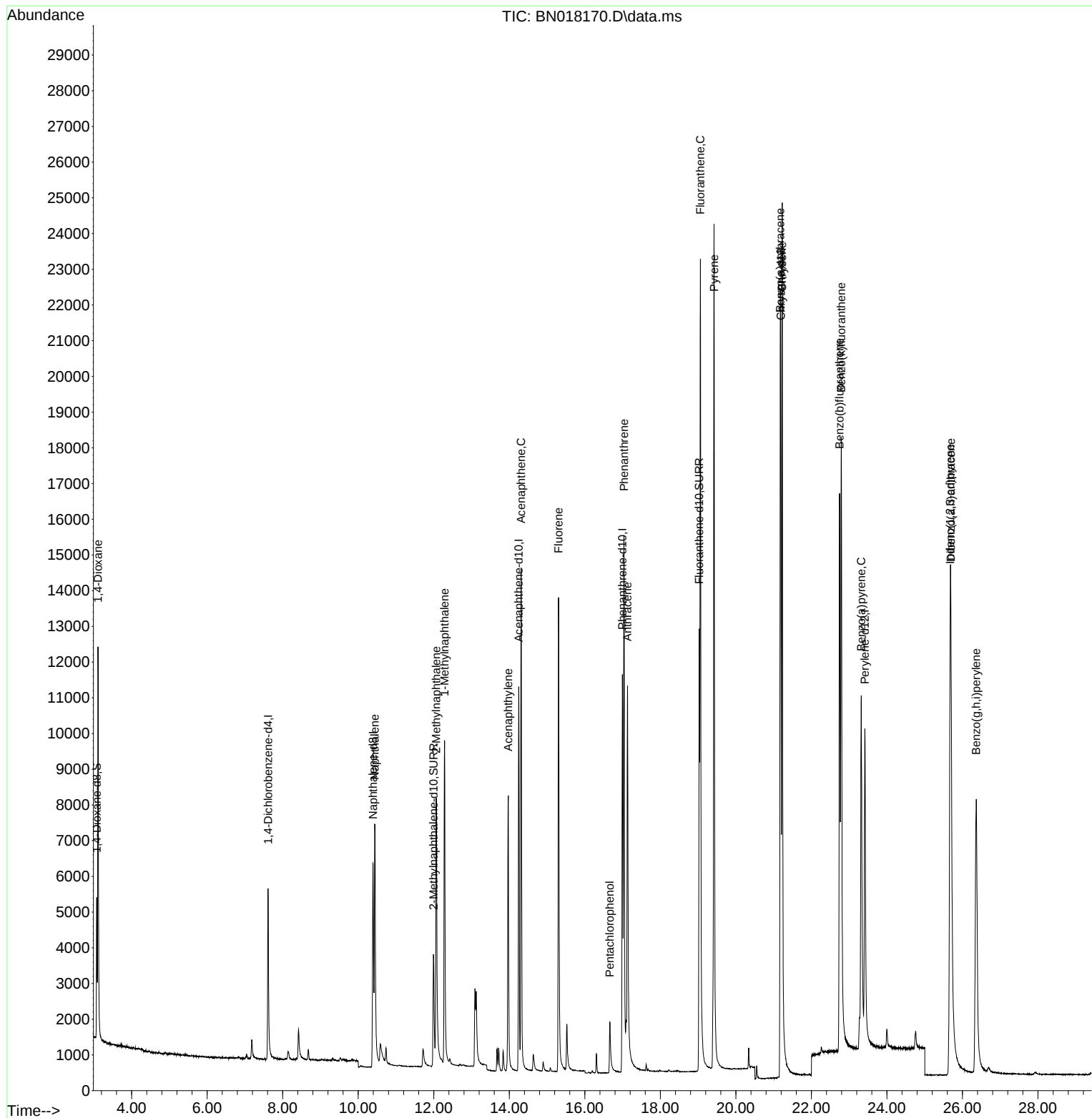
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	3076	0.400	ng/ul	0.00
4) Naphthalene-d8	10.394	136	9923	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	6329	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	14174	0.400	ng/ul	0.00
17) Chrysene-d12	21.189	240	13852	0.400	ng/ul	0.00
23) Perylene-d12	23.416	264	12616	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	2445	0.769	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.994	152	5546	0.406	ng/ul	0.00
18) Fluoranthene-d10	19.027	212	16197	0.431	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.109	88	7196	1.872	ng/ul	90
5) Naphthalene	10.438	128	11385	0.404	ng/ul	100
7) 2-Methylnaphthalene	12.066	142	7156	0.395	ng/ul	99
8) 1-Methylnaphthalene	12.286	142	7386	0.392	ng/ul	100
10) Acenaphthylene	13.972	152	9897	0.395	ng/ul	99
11) Acenaphthene	14.314	153	8762	0.397	ng/ul	99
12) Fluorene	15.304	166	10127	0.396	ng/ul	100
14) Pentachlorophenol	16.662	266	1490	0.559	ng/ul	97
15) Phenanthrene	17.038	178	18488	0.400	ng/ul	99
16) Anthracene	17.130	178	14743	0.394	ng/ul	99
19) Fluoranthene	19.060	202	22941	0.432	ng/ul	100
20) Pyrene	19.422	202	24012	0.431	ng/ul	99
21) Benzo(a)anthracene	21.174	228	17980	0.390	ng/ul	99
22) Chrysene	21.227	228	24227	0.429	ng/ul	100
24) Benzo(b)fluoranthene	22.746	252	21513	0.445	ng/ul	99
25) Benzo(k)fluoranthene	22.790	252	26378	0.438	ng/ul	100
26) Benzo(a)pyrene	23.319	252	19197	0.420	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.674	276	24215	0.402	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.694	278	18230	0.399	ng/ul	98
29) Benzo(g,h,i)perylene	26.365	276	20354	0.409	ng/ul	99

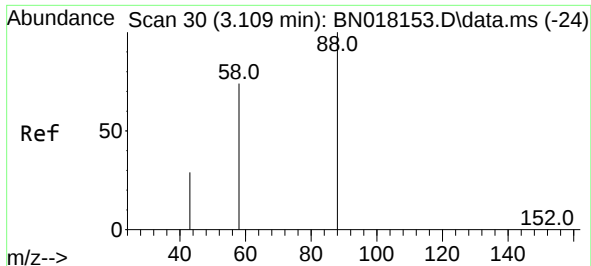
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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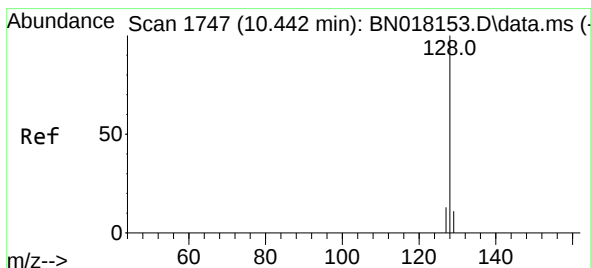
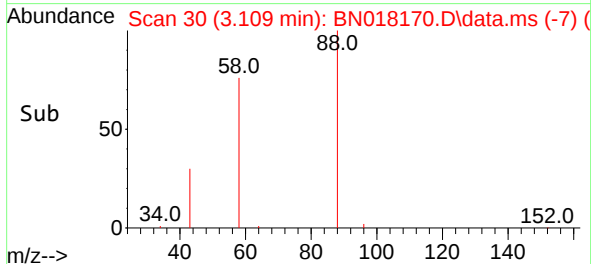
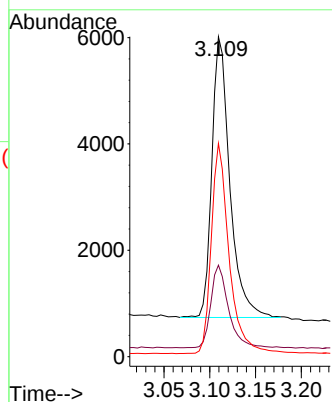
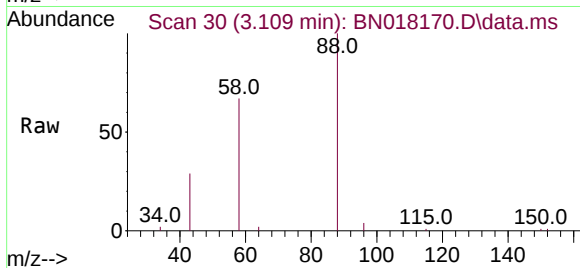




#2
1,4-Dioxane
Concen: 1.872 ng/ul
RT: 3.109 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

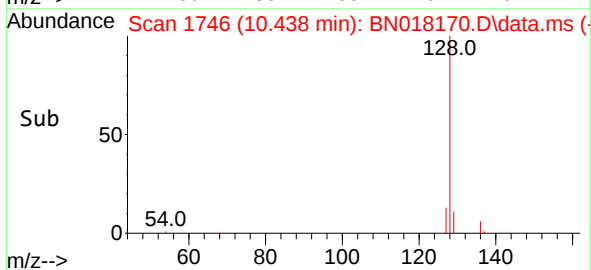
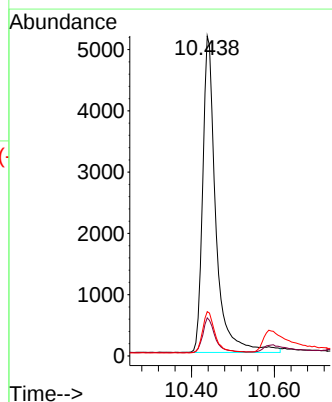
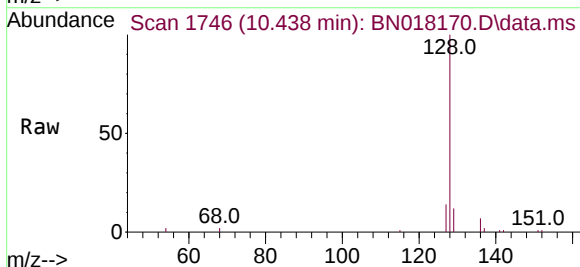
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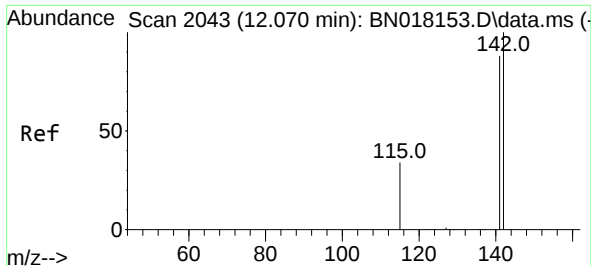
Tgt Ion: 88 Resp: 7196
Ion Ratio Lower Upper
88 100
43 28.6 24.6 36.8
58 66.7 45.2 67.8



#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.438 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

Tgt Ion: 128 Resp: 11385
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 13.8 11.1 16.7

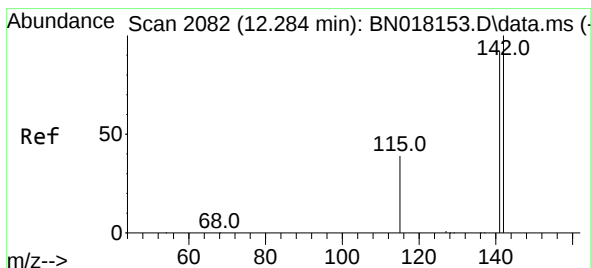
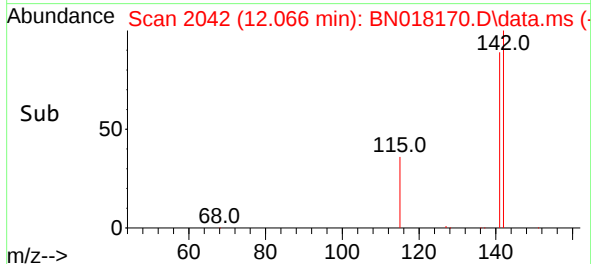
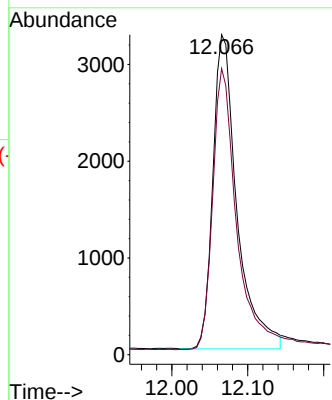
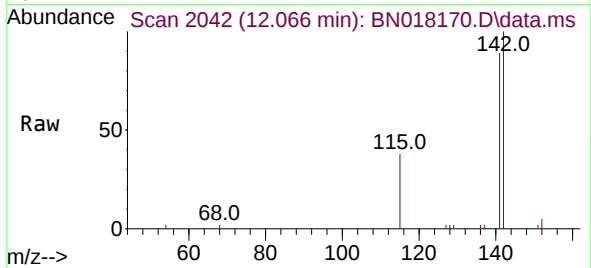




#7
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.066 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

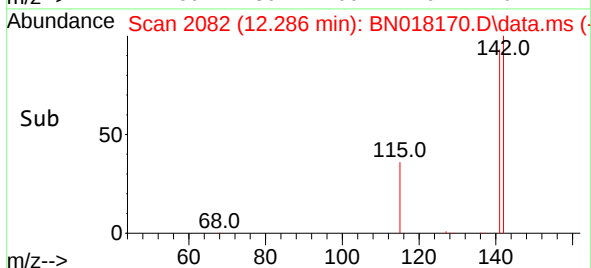
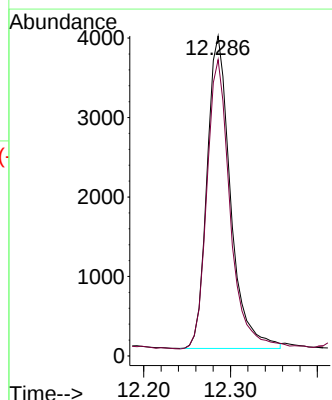
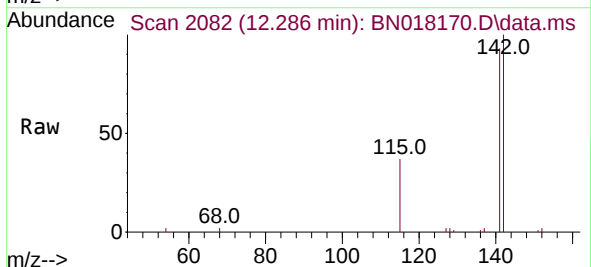
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BNA_N
ClientSampleId :
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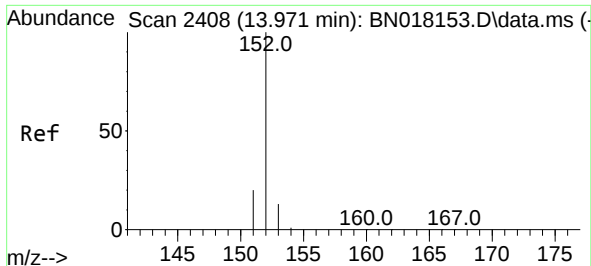
Tgt Ion:142 Resp: 7156
Ion Ratio Lower Upper
142 100
141 89.0 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.286 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

Tgt Ion:142 Resp: 7386
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8

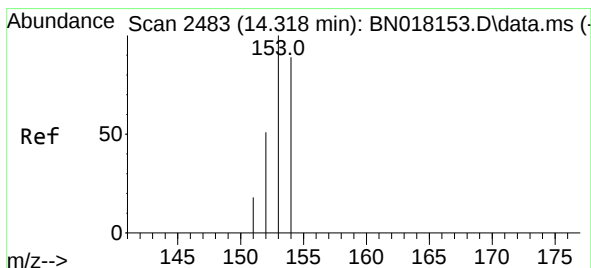
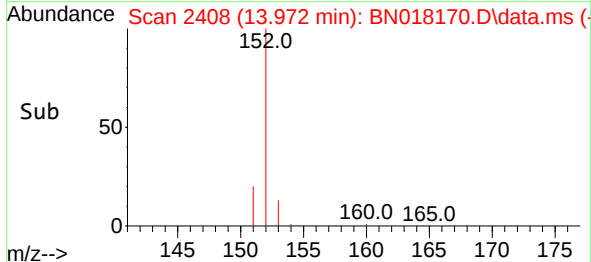
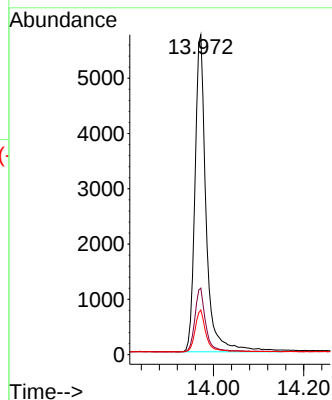
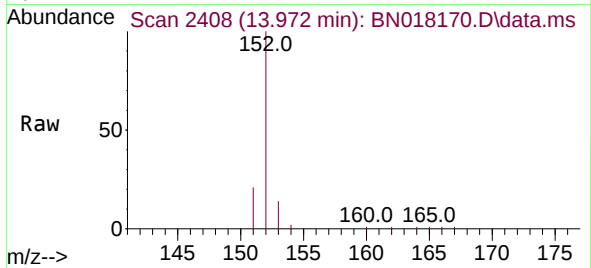




#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 13.972 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

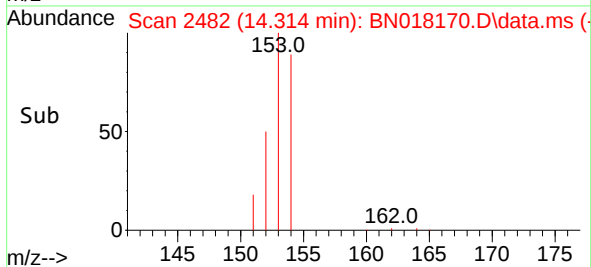
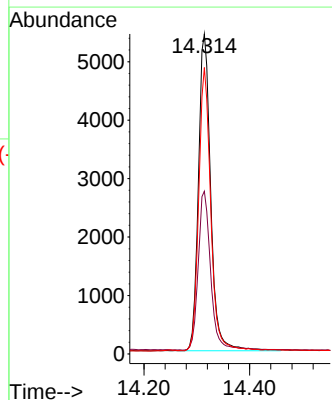
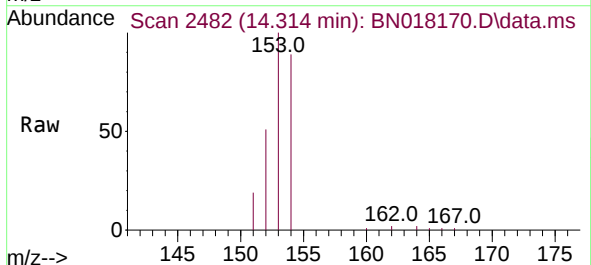
Instrument :
BNA_N
ClientSampleId :
SLCS605

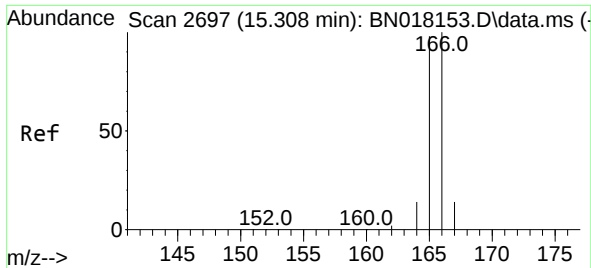
Tgt Ion:152 Resp: 9897
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 13.9 11.0 16.4



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.314 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

Tgt Ion:153 Resp: 8762
Ion Ratio Lower Upper
153 100
152 50.9 40.8 61.2
154 89.5 70.3 105.5

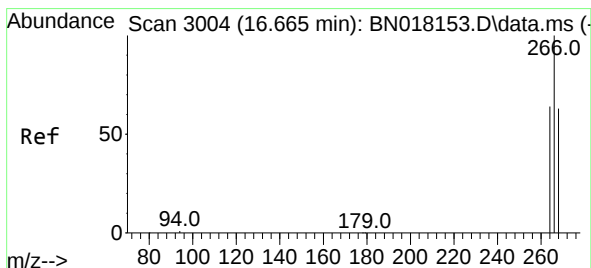
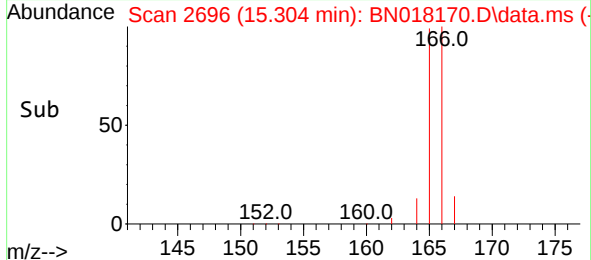
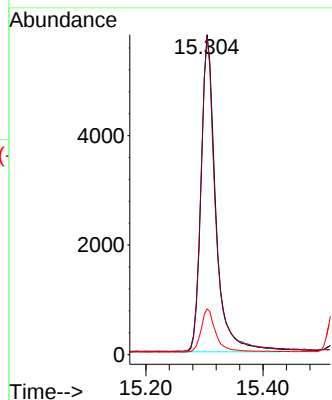
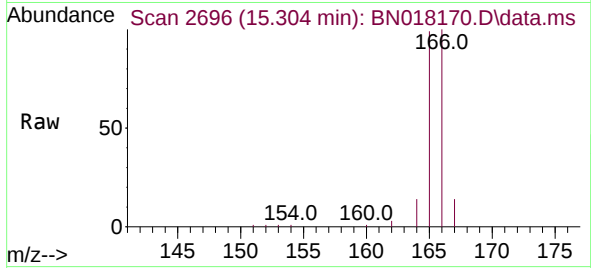




#12
 Fluorene
 Concen: 0.396 ng/ul
 RT: 15.304 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: BN018170.D
 Acq: 23 Dec 2021 02:46

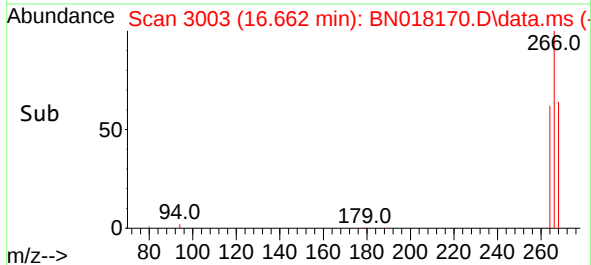
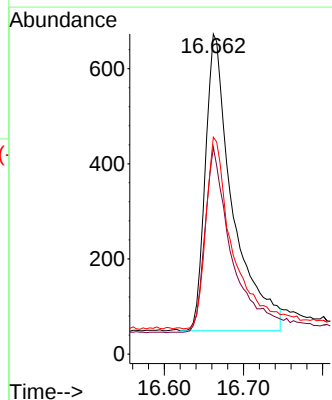
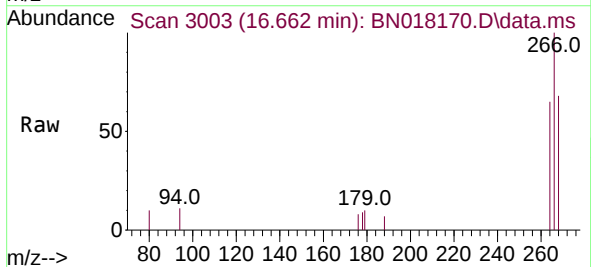
Instrument :
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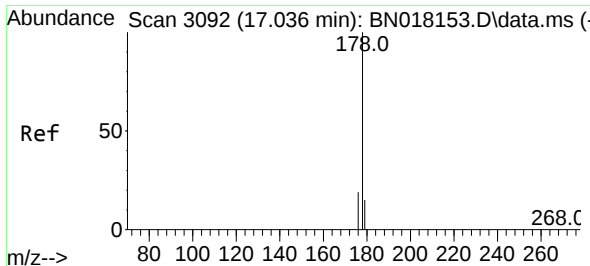
Tgt Ion:166 Resp: 10127
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.2 118.8
 167 14.3 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.559 ng/ul
 RT: 16.662 min Scan# 3003
 Delta R.T. -0.000 min
 Lab File: BN018170.D
 Acq: 23 Dec 2021 02:46

Tgt Ion:266 Resp: 1490
 Ion Ratio Lower Upper
 266 100
 264 61.1 51.9 77.9
 268 63.9 51.8 77.6

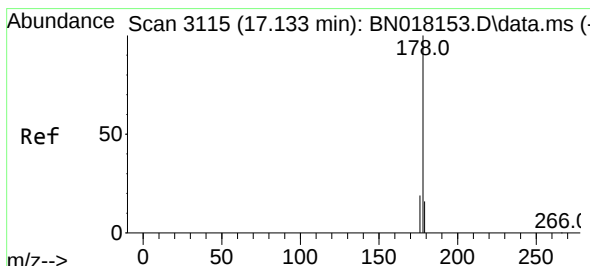
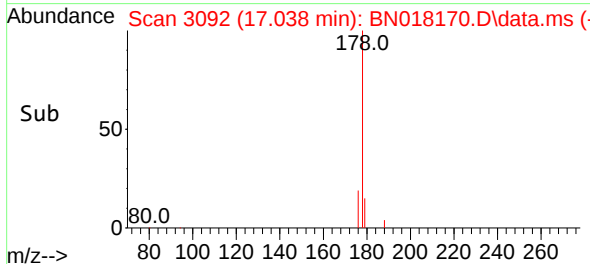
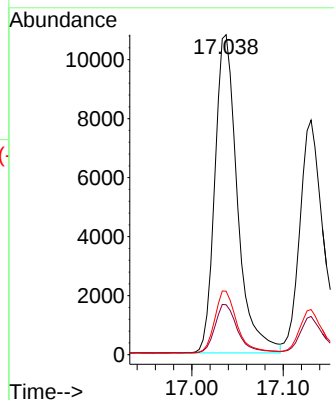
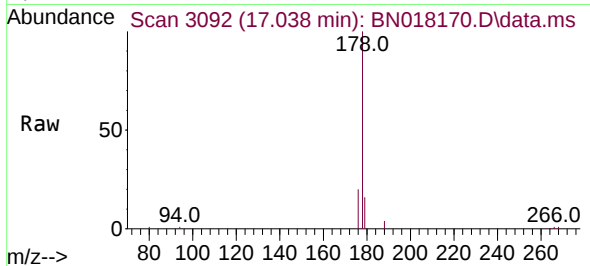




#15
Phenanthrene
Concen: 0.400 ng/ul
RT: 17.038 min Scan# 3092
Delta R.T. -0.000 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

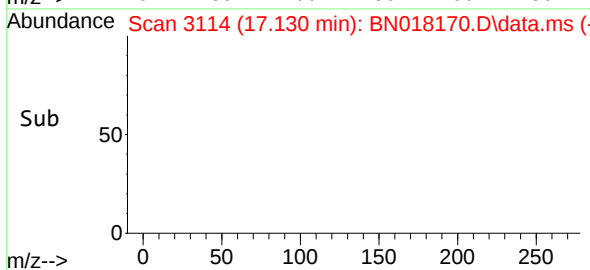
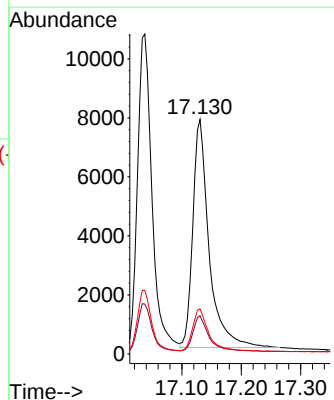
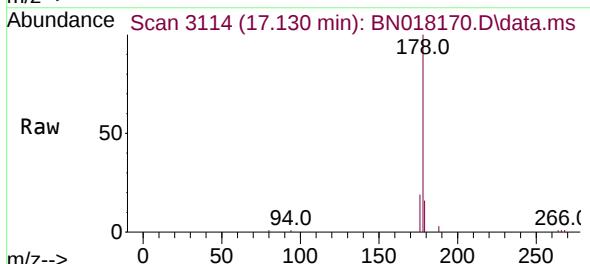
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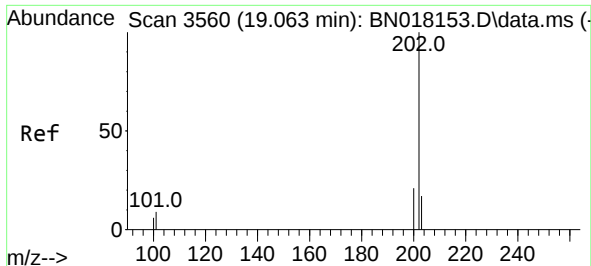
Tgt Ion:178	Resp:	18488
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.4 18.6
176	19.9	15.5 23.3



#16
Anthracene
Concen: 0.394 ng/ul
RT: 17.130 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

Tgt Ion:178	Resp:	14743
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.7 19.1
176	19.2	15.3 22.9

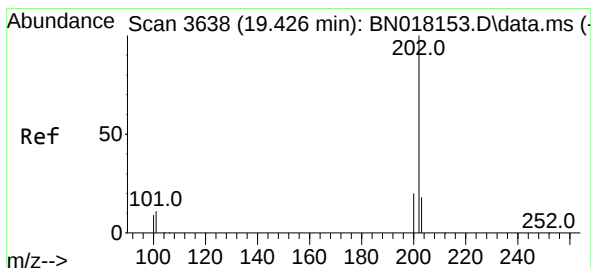
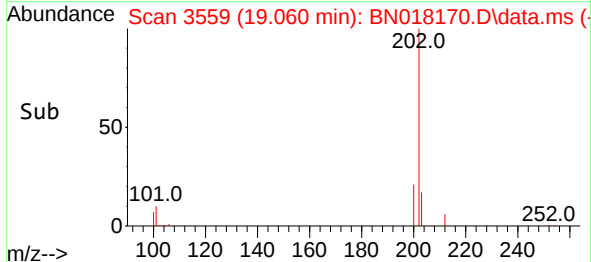
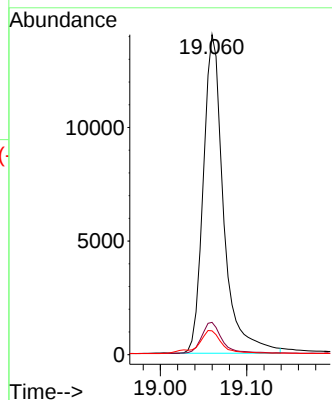
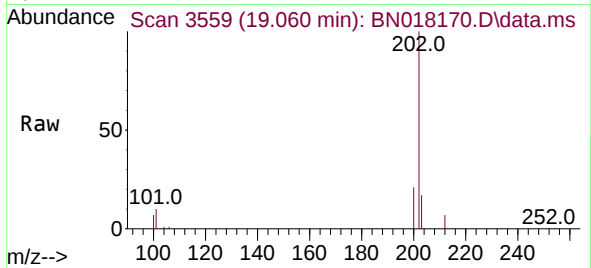




#19
Fluoranthene
Concen: 0.432 ng/ul
RT: 19.060 min Scan# 3560
Delta R.T. -0.000 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

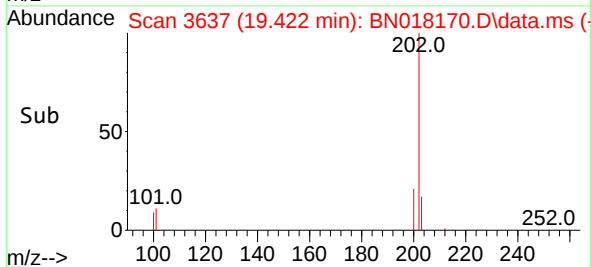
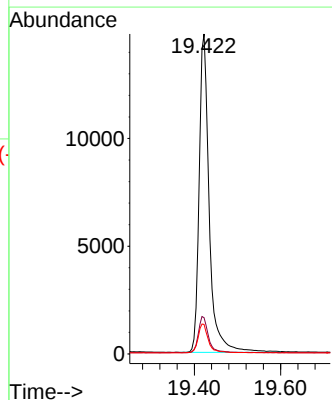
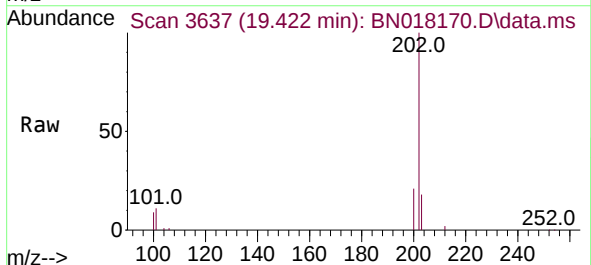
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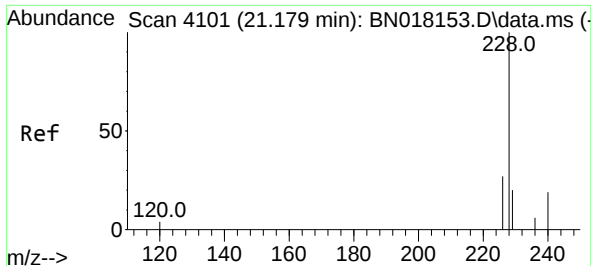
Tgt Ion:202 Resp: 22941
Ion Ratio Lower Upper
202 100
101 10.1 7.9 11.9
100 7.4 5.8 8.8



#20
Pyrene
Concen: 0.431 ng/ul
RT: 19.422 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

Tgt Ion:202 Resp: 24012
Ion Ratio Lower Upper
202 100
101 11.4 8.9 13.3
100 9.2 7.0 10.4

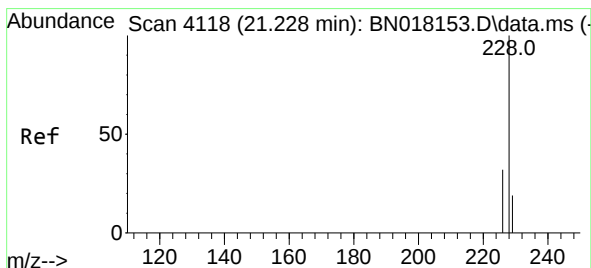
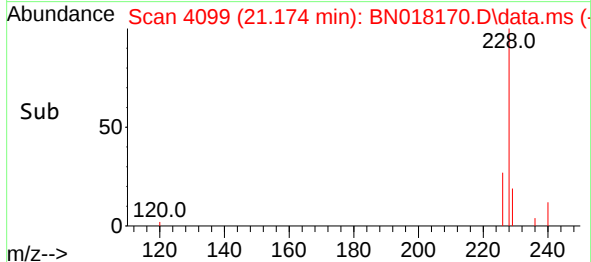
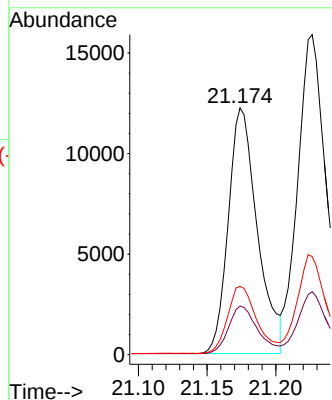
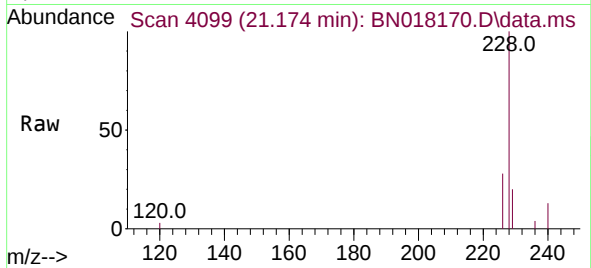




#21
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 21.174 min Scan# 4101
Delta R.T. -0.000 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

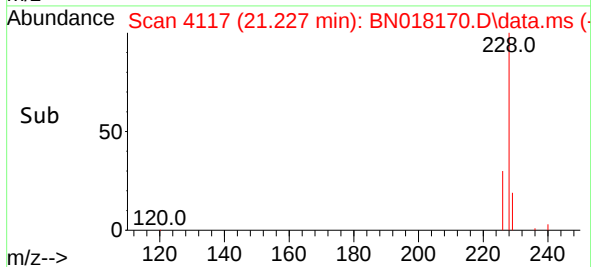
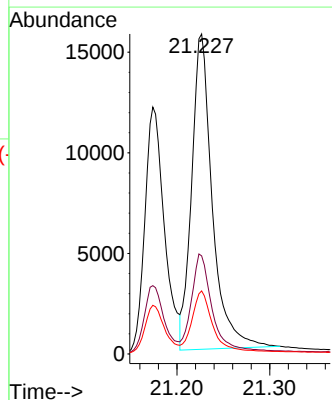
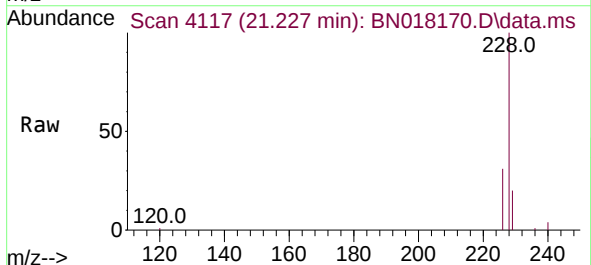
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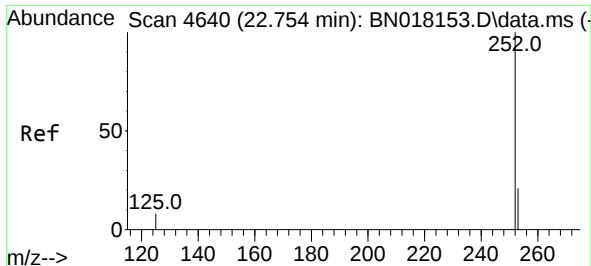
Tgt Ion:228 Resp: 17980
Ion Ratio Lower Upper
228 100
229 19.7 15.3 22.9
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.429 ng/ul
RT: 21.227 min Scan# 4117
Delta R.T. -0.000 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

Tgt Ion:228 Resp: 24227
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 19.7 15.7 23.5

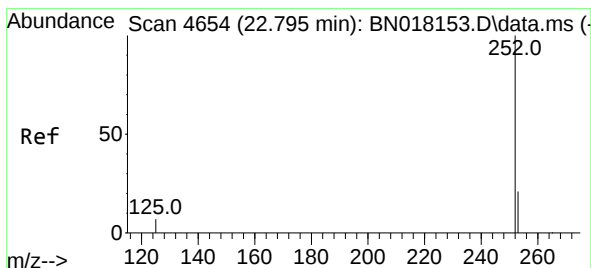
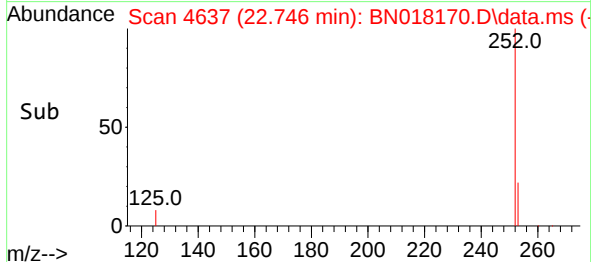
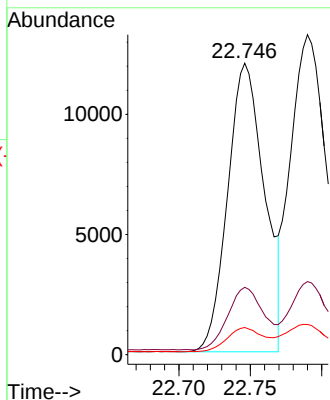
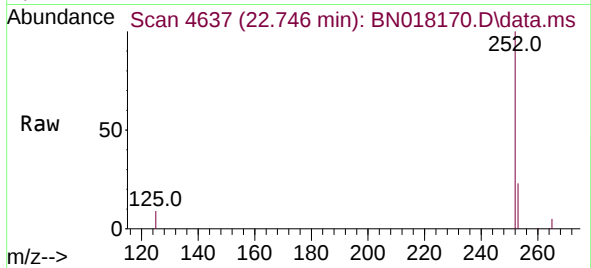




#24
Benzo(b)fluoranthene
Concen: 0.445 ng/ul
RT: 22.746 min Scan# 4637
Delta R.T. -0.000 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

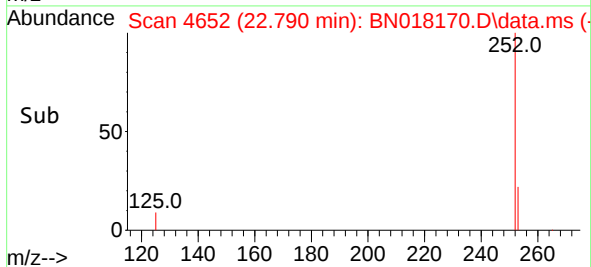
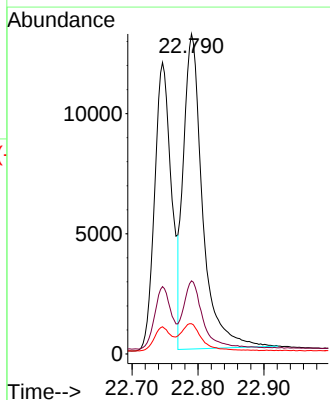
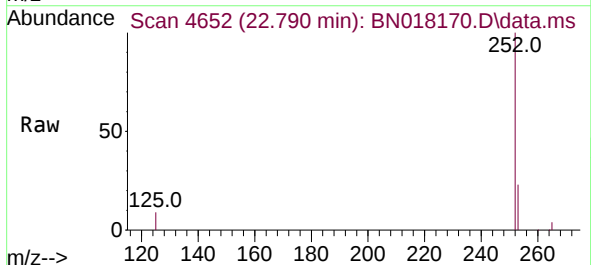
Instrument :
BNA_N
ClientSampleId :
SLCS605

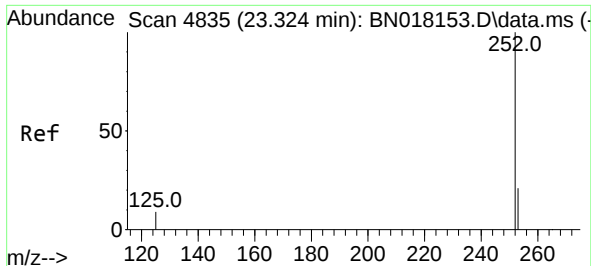
Tgt Ion:252 Resp: 21513
Ion Ratio Lower Upper
252 100
253 23.1 0.0 45.2
125 9.3 0.0 18.2



#25
Benzo(k)fluoranthene
Concen: 0.438 ng/ul
RT: 22.790 min Scan# 4652
Delta R.T. -0.000 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

Tgt Ion:252 Resp: 26378
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 9.5 7.7 11.5

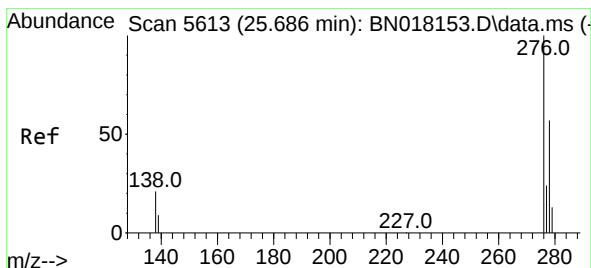
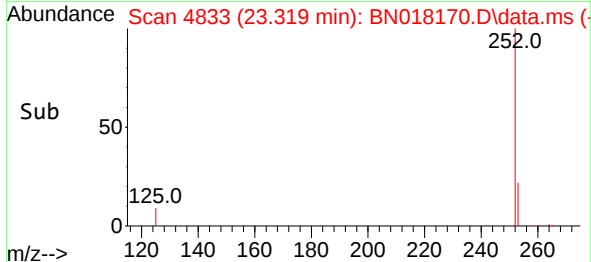
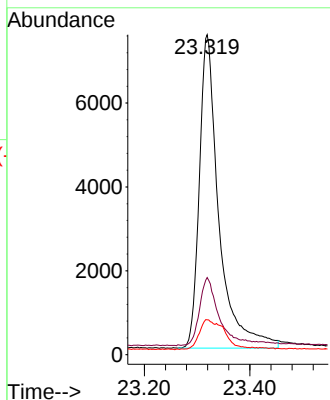
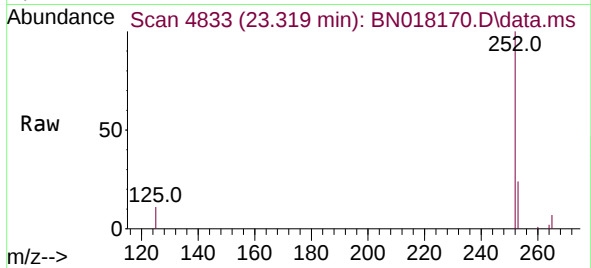




#26
Benzo(a)pyrene
Concen: 0.420 ng/ul
RT: 23.319 min Scan# 4833
Delta R.T. -0.000 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

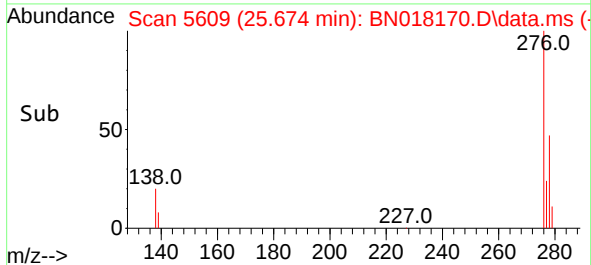
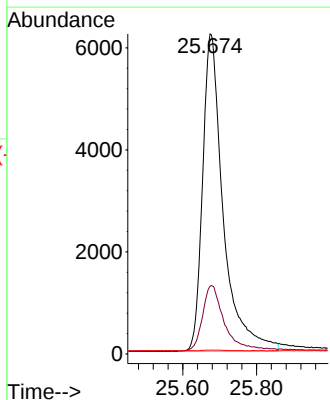
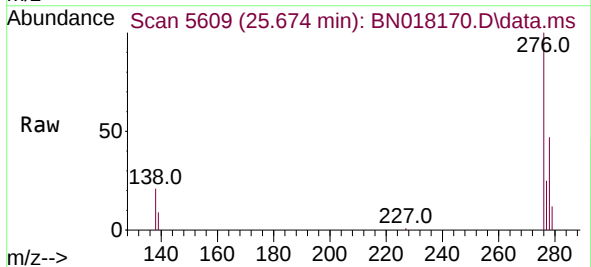
Instrument :
BNA_N
ClientSampleId :
SLCS605

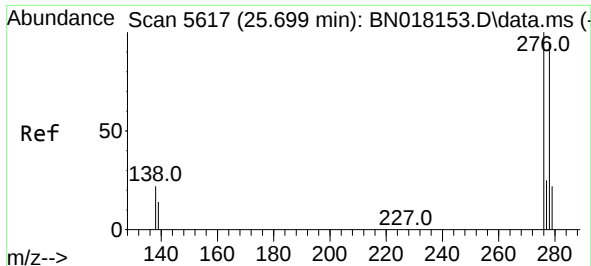
Tgt Ion:	252	Resp:	19197
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.6	28.0
125	10.9	8.8	13.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 25.674 min Scan# 5609
Delta R.T. -0.003 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

Tgt Ion:	276	Resp:	24215
Ion Ratio	Lower	Upper	
276	100		
138	21.9	17.7	26.5
227	0.3	0.1	0.1

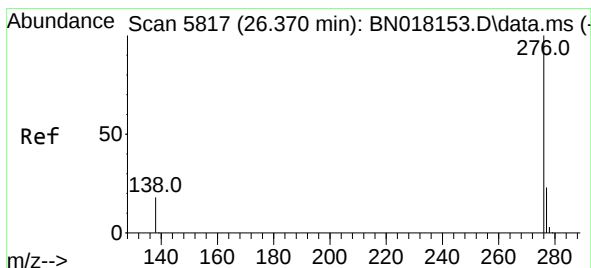
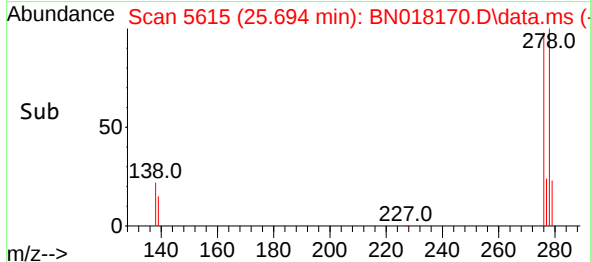
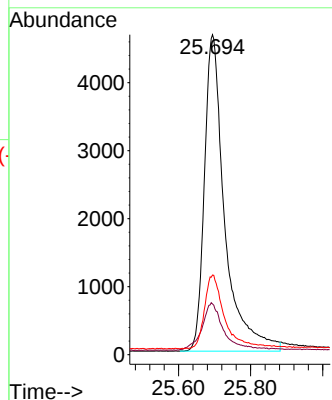
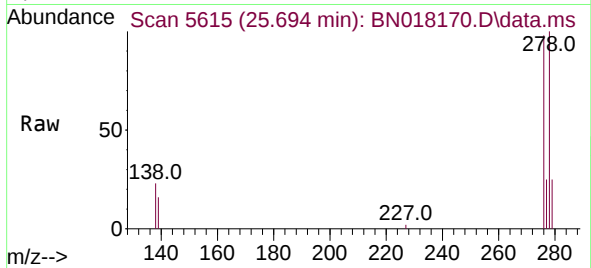




#28
Dibenzo(a,h)anthracene
Concen: 0.399 ng/ul
RT: 25.694 min Scan# 5615
Delta R.T. -0.003 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

Instrument :
BNA_N
ClientSampleId :
SLCS605

Tgt Ion:278 Resp: 18230
Ion Ratio Lower Upper
278 100
139 15.9 13.1 19.7
279 24.9 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.409 ng/ul
RT: 26.365 min Scan# 5815
Delta R.T. -0.003 min
Lab File: BN018170.D
Acq: 23 Dec 2021 02:46

Tgt Ion:276 Resp: 20354
Ion Ratio Lower Upper
276 100
138 19.3 15.8 23.8
277 24.2 19.7 29.5

