

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062122\
 Data File : BN020332.D
 Acq On : 22 Jun 2022 06:28
 Operator : CG/JU
 Sample : PB145593BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS593

Quant Time: Jun 22 07:17:38 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:13:51 2022
 Response via : Initial Calibration

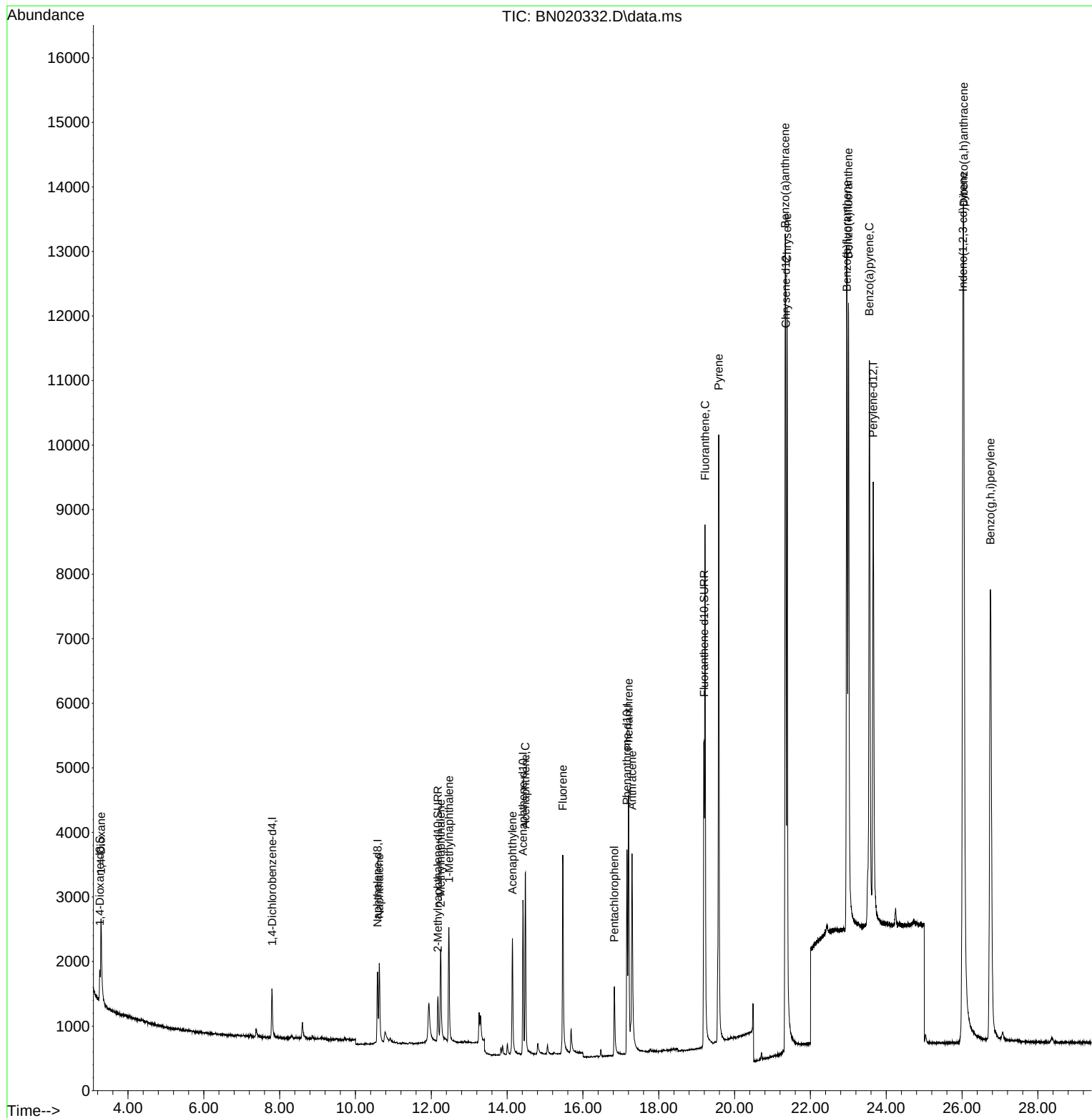
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	528	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	1907	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.419	164	1515	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	4346	0.400	ng/ul	0.00
17) Chrysene-d12	21.350	240	7742	0.400	ng/ul	0.00
23) Perylene-d12	23.656	264	9991	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	410	0.680	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	1200	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	6175	0.386	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	1049	1.808	ng/ul#	72
5) Naphthalene	10.628	128	2044	0.335	ng/ul#	95
7) 2-Methylnaphthalene	12.251	142	1338	0.339	ng/ul	96
8) 1-Methylnaphthalene	12.465	142	1470	0.379	ng/ul	99
10) Acenaphthylene	14.141	152	2623	0.362	ng/ul	96
11) Acenaphthene	14.483	153	2004	0.289	ng/ul	99
12) Fluorene	15.469	166	2509	0.350	ng/ul	99
14) Pentachlorophenol	16.829	266	937	1.123	ng/ul	99
15) Phenanthrene	17.204	178	5033	0.320	ng/ul	97
16) Anthracene	17.297	178	4493	0.338	ng/ul	98
19) Fluoranthene	19.220	202	7772	0.249	ng/ul	98
20) Pyrene	19.583	202	8686	0.256	ng/ul	98
21) Benzo(a)anthracene	21.335	228	9968	0.332	ng/ul	98
22) Chrysene	21.385	228	11202	0.299	ng/ul	100
24) Benzo(b)fluoranthene	22.960	252	14238	0.200	ng/ul	97
25) Benzo(k)fluoranthene	23.004	252	14022	0.211	ng/ul	97
26) Benzo(a)pyrene	23.557	252	14682	0.325	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.027	276	19094	0.260	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.044	278	15326	0.261	ng/ul	98
29) Benzo(g,h,i)perylene	26.748	276	17107	0.264	ng/ul	99

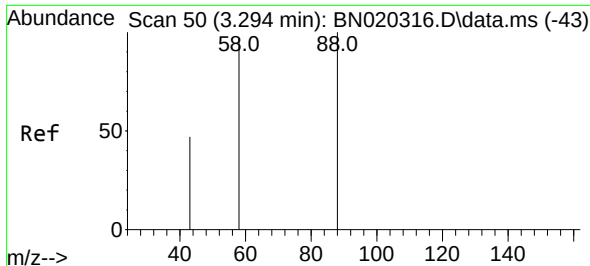
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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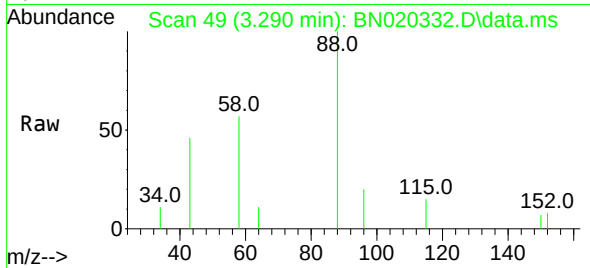
Quant Time: Jun 22 07:17:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
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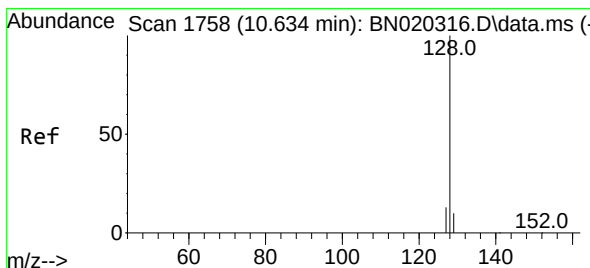
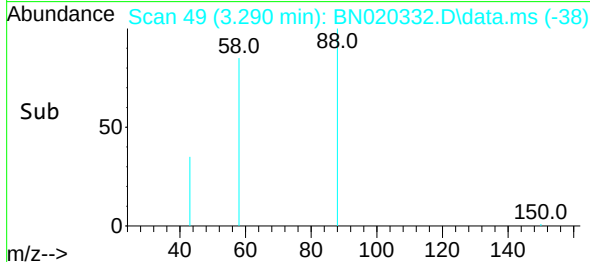
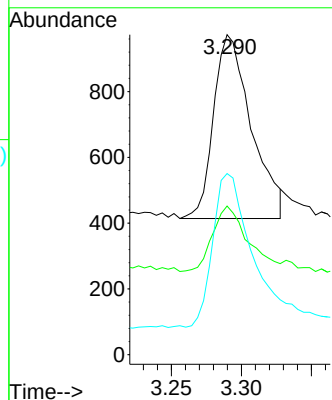
#2
 1,4-Dioxane
 Concen: 1.808 ng/ul
 RT: 3.290 min Scan# 49
 Delta R.T. -0.004 min
 Lab File: BN020332.D
 Acq: 22 Jun 2022 06:28

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion: 88 Resp: 1049

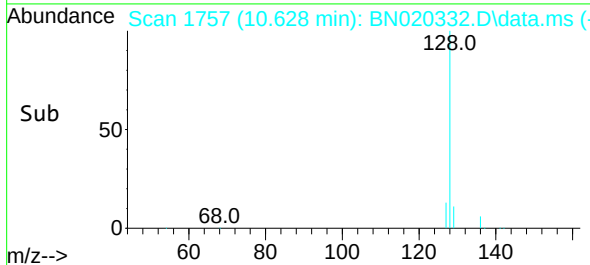
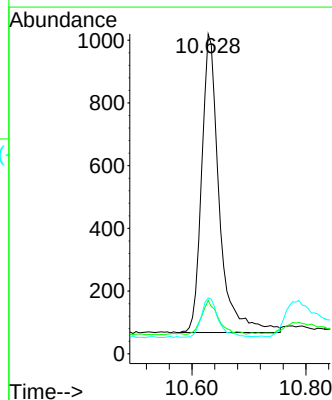
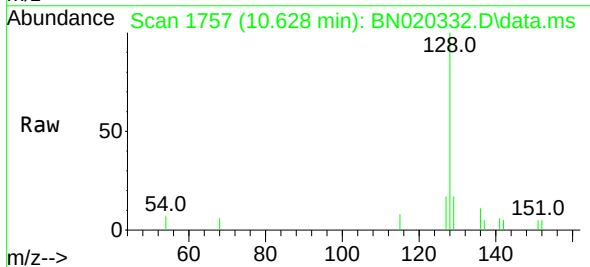
Ion	Ratio	Lower	Upper
88	100		
43	46.5	31.6	47.4
58	56.6	23.8	35.6

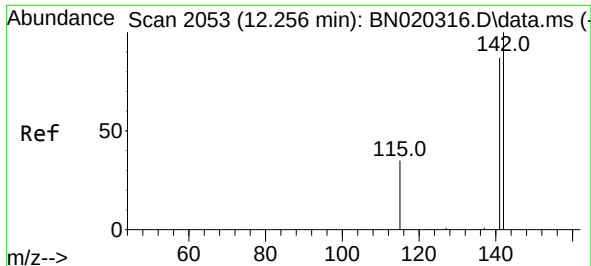


#5
 Naphthalene
 Concen: 0.335 ng/ul
 RT: 10.628 min Scan# 1757
 Delta R.T. -0.006 min
 Lab File: BN020332.D
 Acq: 22 Jun 2022 06:28

Tgt Ion: 128 Resp: 2044

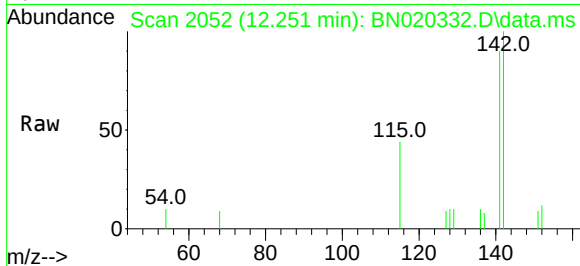
Ion	Ratio	Lower	Upper
128	100		
129	16.7	11.0	16.4
127	17.5	12.8	19.2



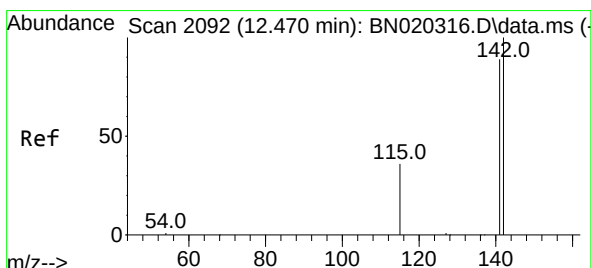
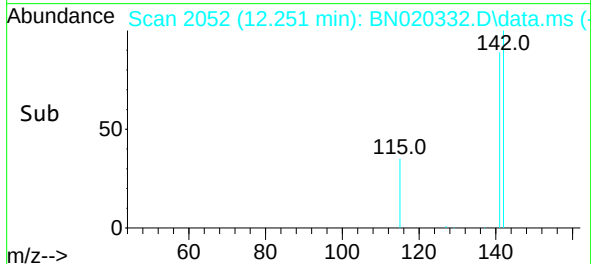
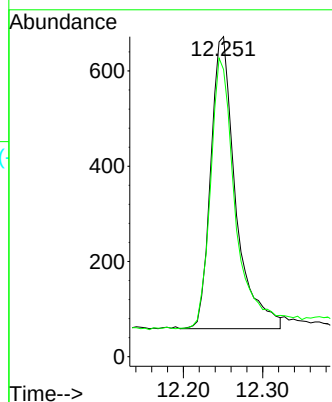


#7
2-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.251 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

Instrument :
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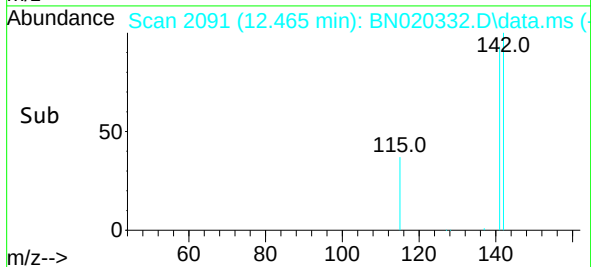
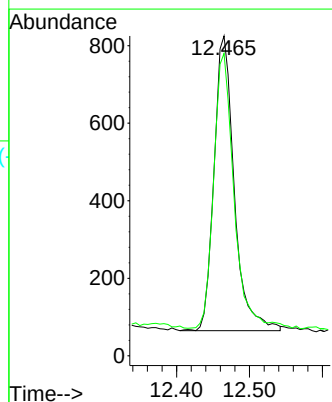
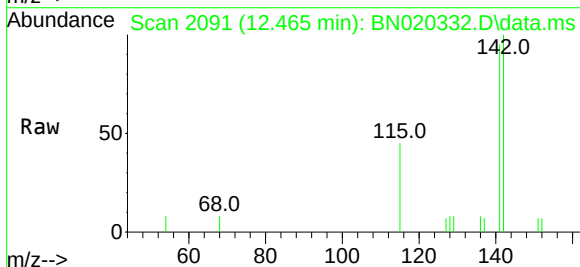


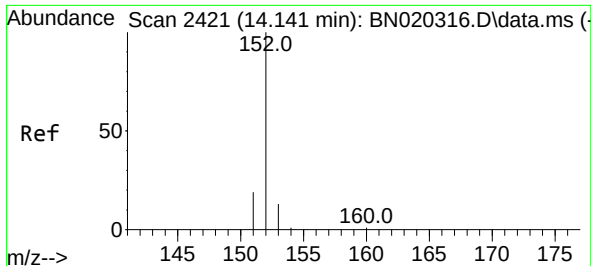
Tgt Ion:142 Resp: 1338
Ion Ratio Lower Upper
142 100
141 93.1 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

Tgt Ion:142 Resp: 1470
Ion Ratio Lower Upper
142 100
141 92.9 73.4 110.0

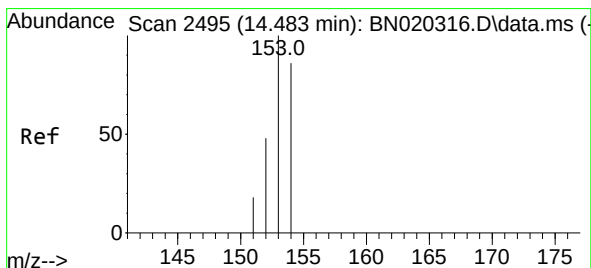
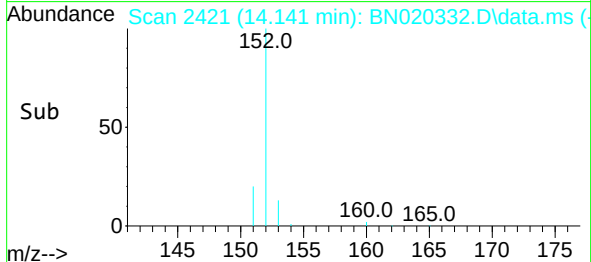
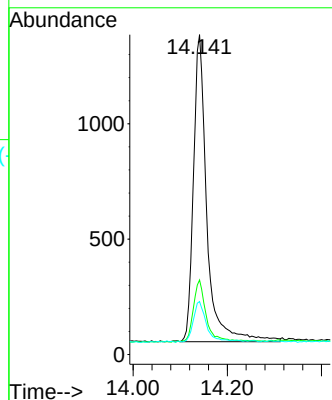
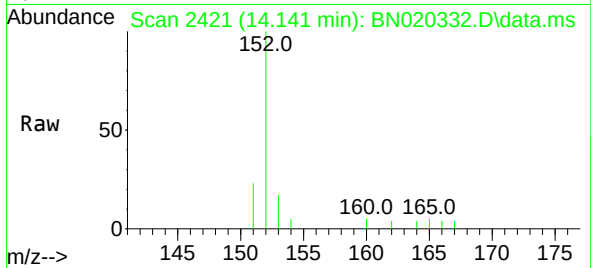




#10
Acenaphthylene
Concen: 0.362 ng/u1
RT: 14.141 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

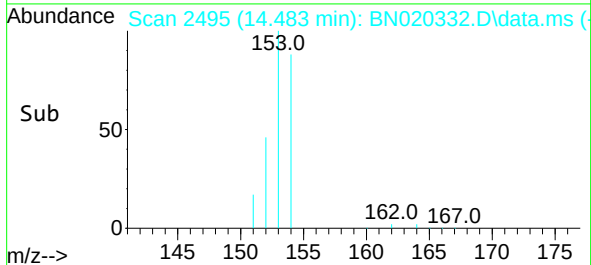
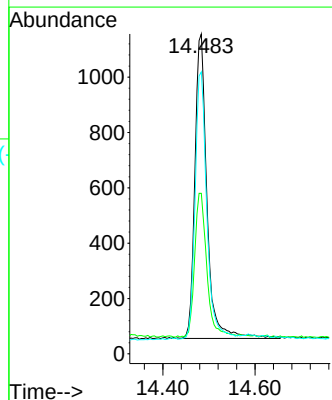
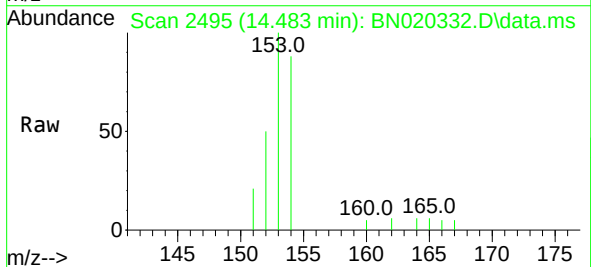
Instrument :
BNA_N
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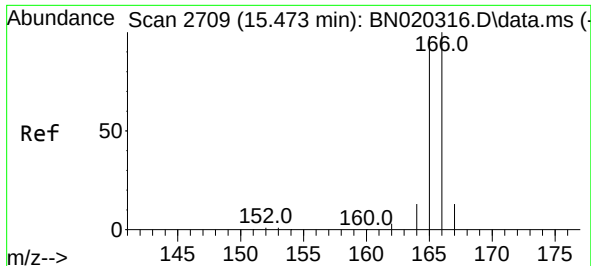
Tgt Ion:152 Resp: 2623
Ion Ratio Lower Upper
152 100
151 23.3 17.2 25.8
153 16.6 11.7 17.5



#11
Acenaphthene
Concen: 0.289 ng/u1
RT: 14.483 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

Tgt Ion:153 Resp: 2004
Ion Ratio Lower Upper
153 100
152 50.2 39.9 59.9
154 88.1 69.2 103.8

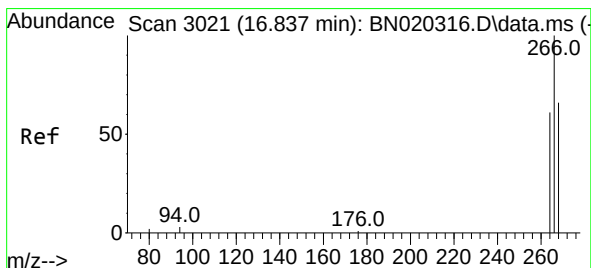
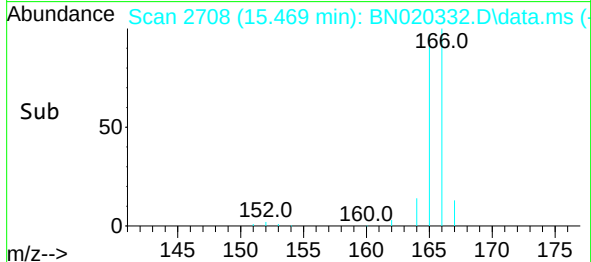
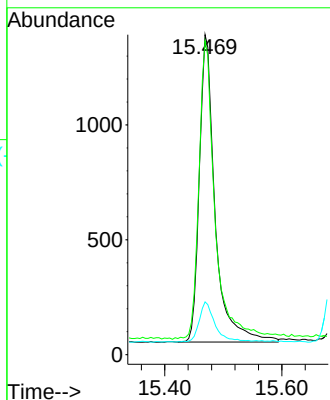
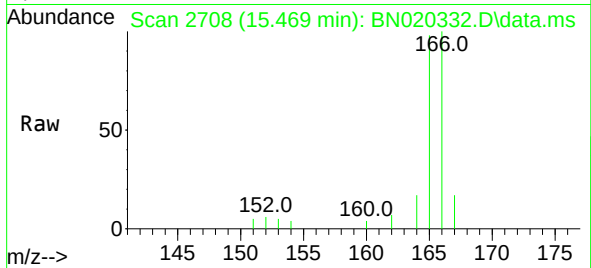




#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.469 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

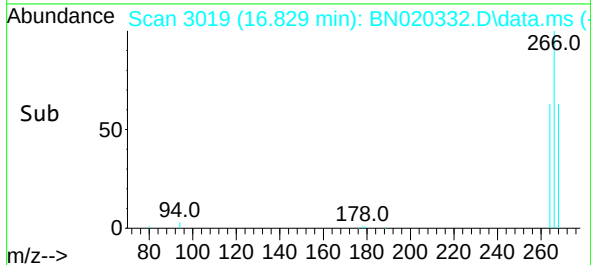
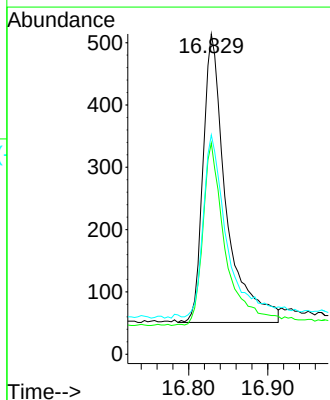
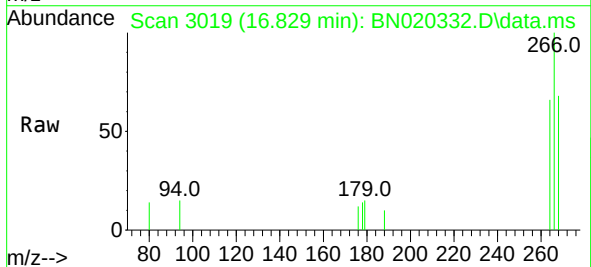
Instrument :
BNA_N
ClientSampleId :
SLCS593

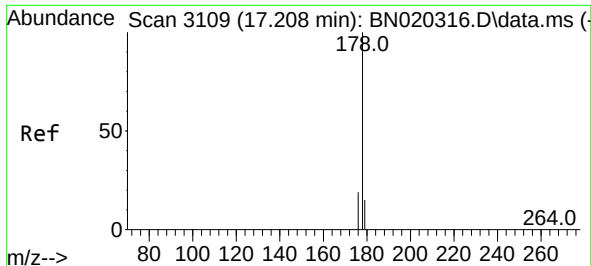
Tgt Ion:166 Resp: 2509
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.4
167 16.5 12.1 18.1



#14
Pentachlorophenol
Concen: 1.123 ng/ul
RT: 16.829 min Scan# 3019
Delta R.T. -0.008 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

Tgt Ion:266 Resp: 937
Ion Ratio Lower Upper
266 100
264 63.0 49.8 74.8
268 64.5 51.8 77.6

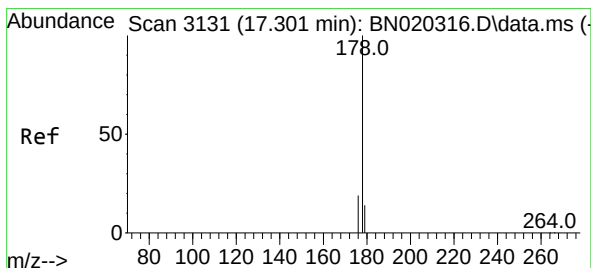
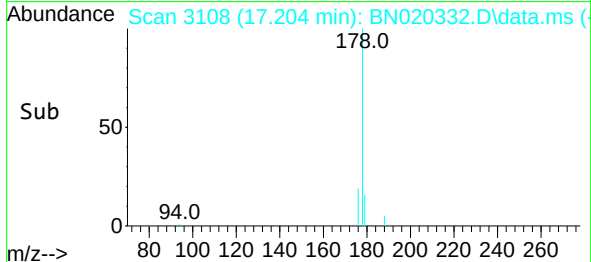
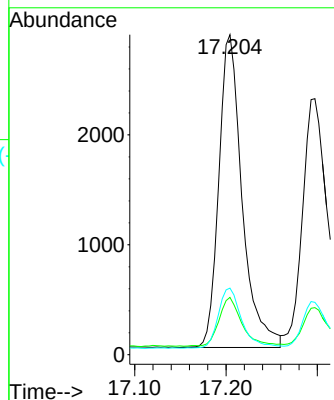
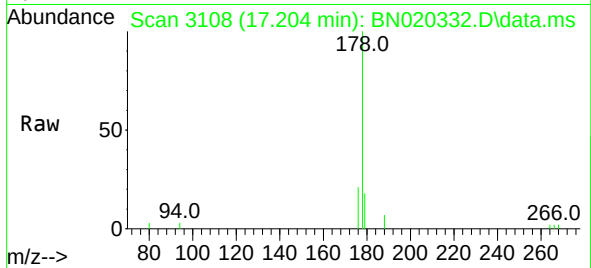




#15
Phenanthrene
Concen: 0.320 ng/ul
RT: 17.204 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

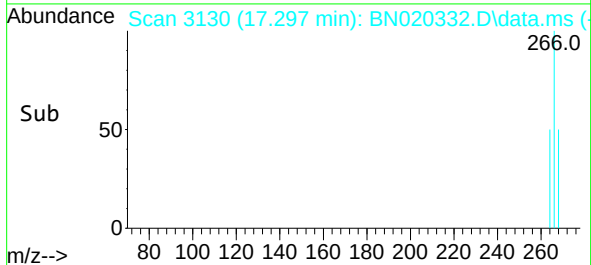
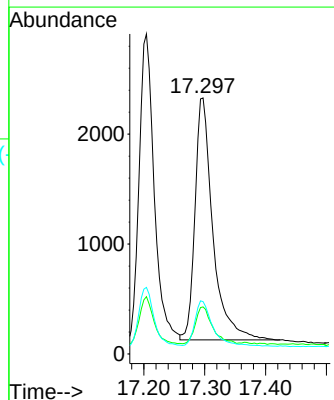
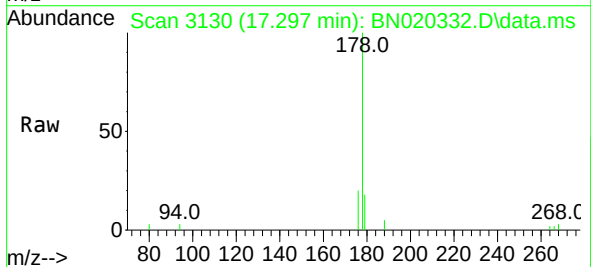
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ClientSampleId :
SLCS593

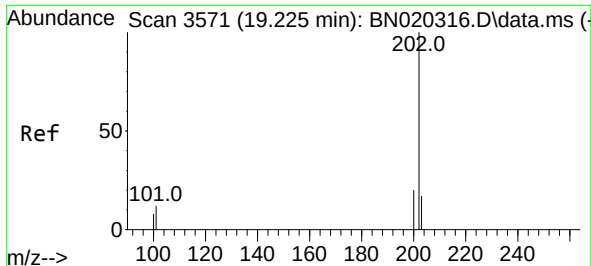
Tgt Ion:178 Resp: 5033
Ion Ratio Lower Upper
178 100
179 17.9 13.4 20.0
176 20.8 15.8 23.6



#16
Anthracene
Concen: 0.338 ng/ul
RT: 17.297 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

Tgt Ion:178 Resp: 4493
Ion Ratio Lower Upper
178 100
179 18.4 13.8 20.8
176 20.5 15.6 23.4

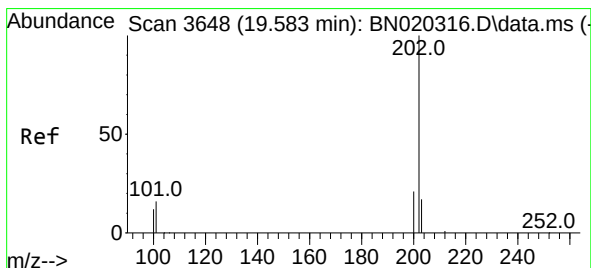
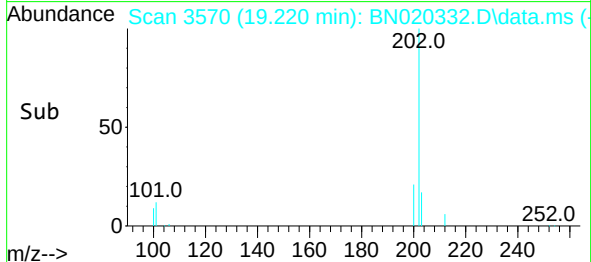
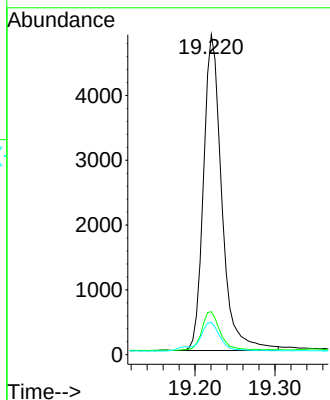
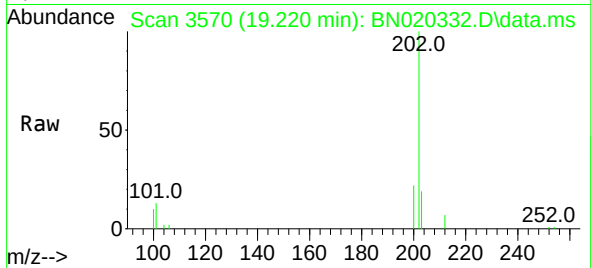




#19
Fluoranthene
Concen: 0.249 ng/ul
RT: 19.220 min Scan# 3570
Delta R.T. -0.005 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

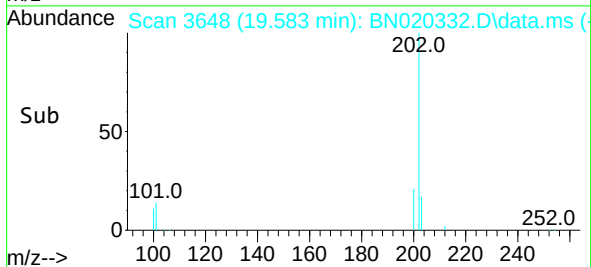
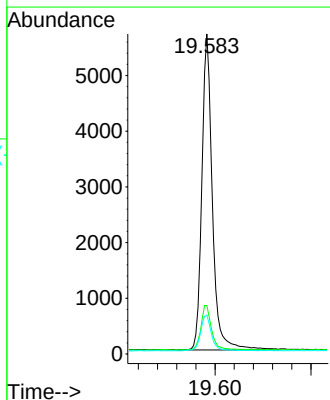
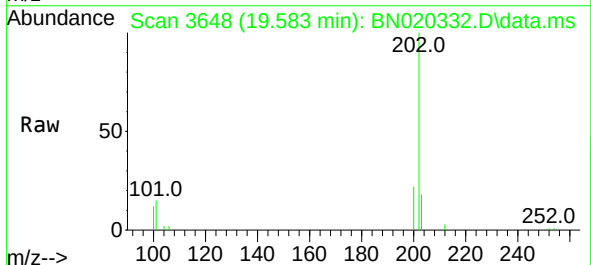
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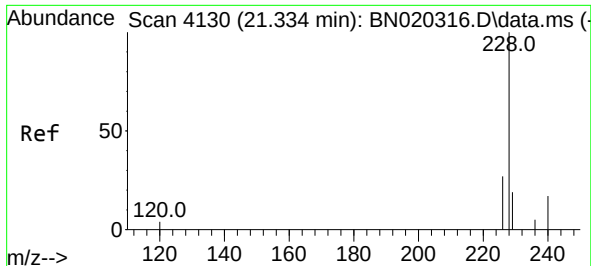
Tgt Ion:202 Resp: 7772
Ion Ratio Lower Upper
202 100
101 13.5 9.9 14.9
100 10.1 7.6 11.4



#20
Pyrene
Concen: 0.256 ng/ul
RT: 19.583 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

Tgt Ion:202 Resp: 8686
Ion Ratio Lower Upper
202 100
101 15.2 12.6 19.0
100 12.1 10.3 15.5

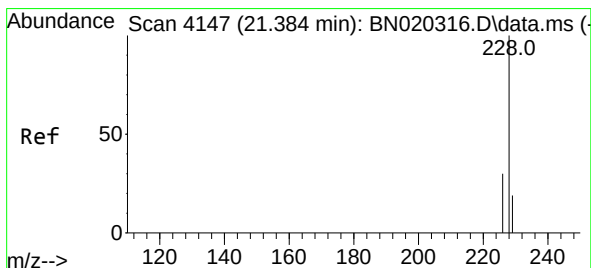
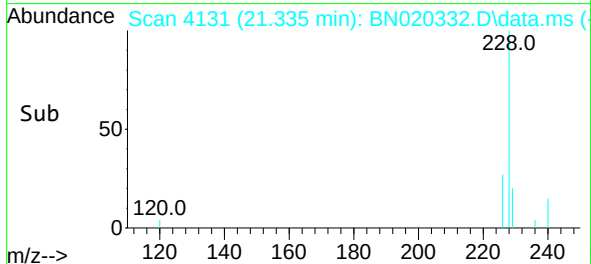
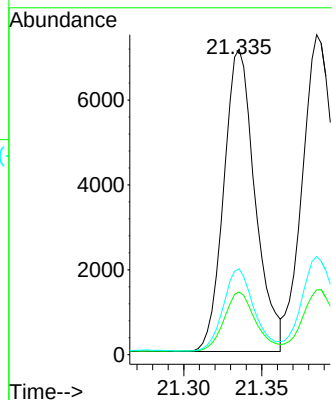
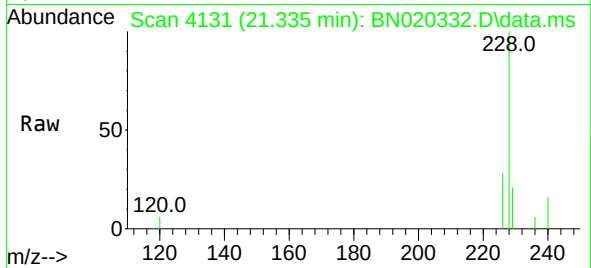




#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.335 min Scan# 4130
Delta R.T. -0.003 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

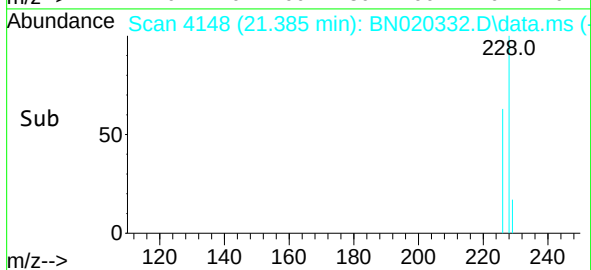
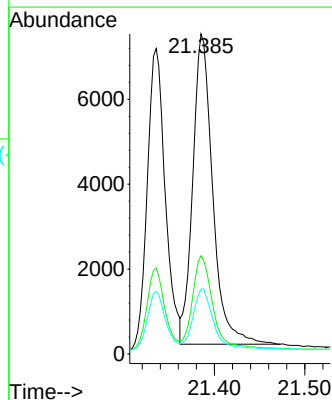
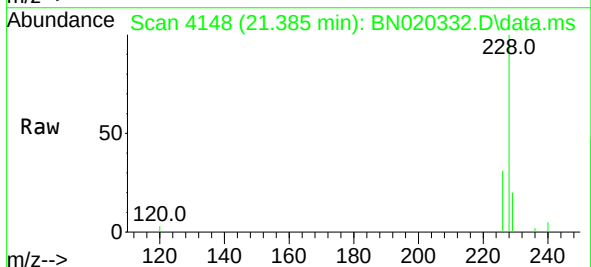
Instrument :
BNA_N
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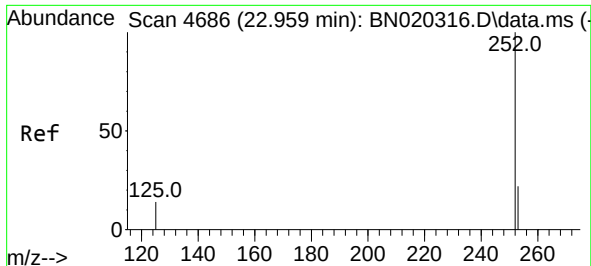
Tgt Ion:228 Resp: 9968
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 28.1 21.8 32.6



#22
Chrysene
Concen: 0.299 ng/ul
RT: 21.385 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

Tgt Ion:228 Resp: 11202
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 20.3 16.0 24.0

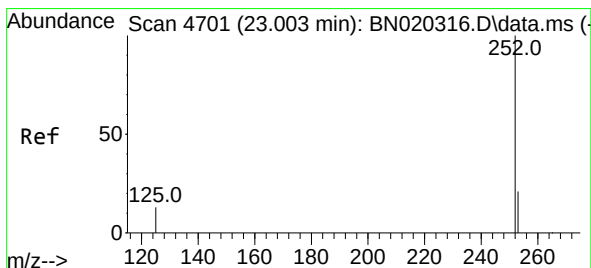
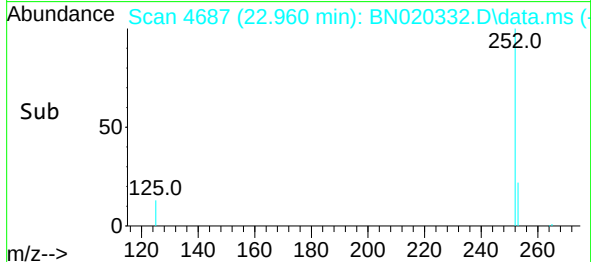
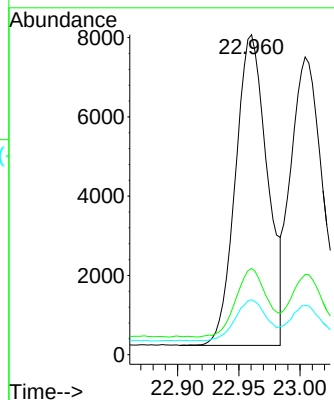
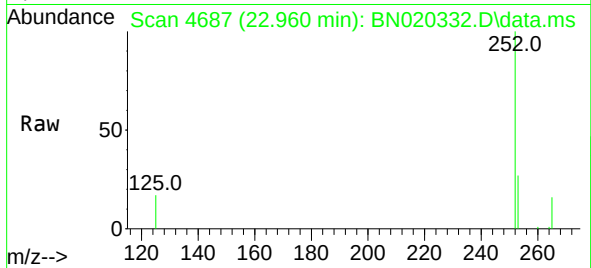




#24
Benzo(b)fluoranthene
Concen: 0.200 ng/ul
RT: 22.960 min Scan# 4687
Delta R.T. -0.006 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

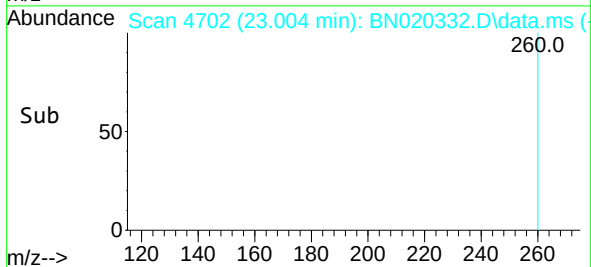
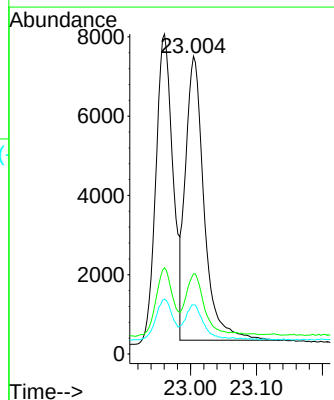
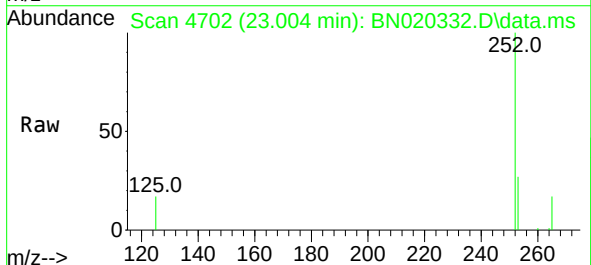
Instrument :
BNA_N
ClientSampleId :
SLCS593

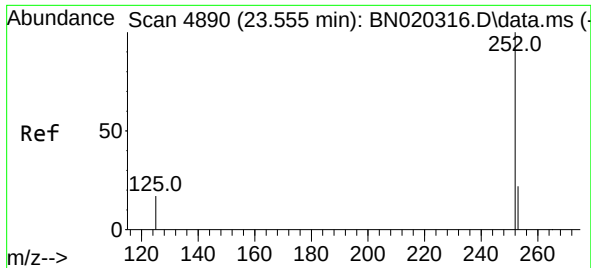
Tgt Ion:252 Resp: 14238
Ion Ratio Lower Upper
252 100
253 27.0 0.0 49.4
125 17.1 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.211 ng/ul
RT: 23.004 min Scan# 4702
Delta R.T. -0.006 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

Tgt Ion:252 Resp: 14022
Ion Ratio Lower Upper
252 100
253 26.9 20.2 30.4
125 16.5 12.3 18.5

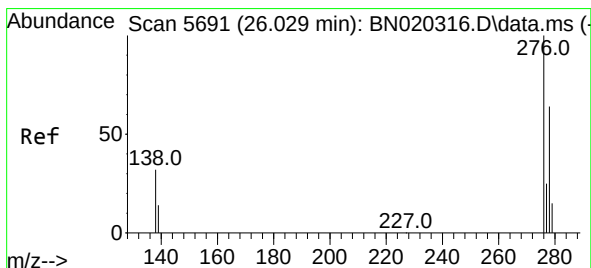
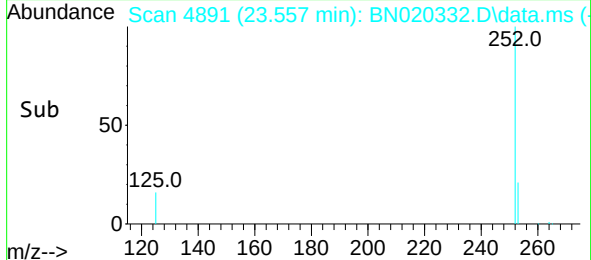
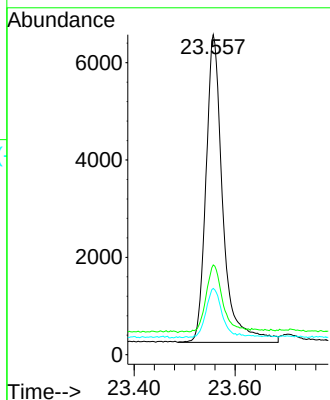
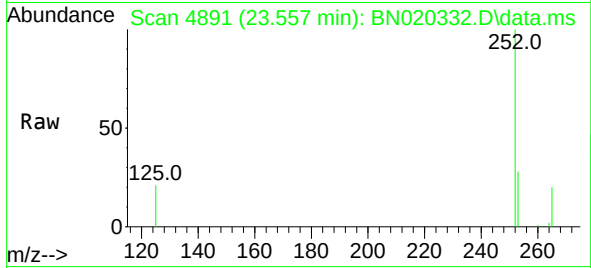




#26
Benzo(a)pyrene
Concen: 0.325 ng/ul
RT: 23.557 min Scan# 4891
Delta R.T. -0.006 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

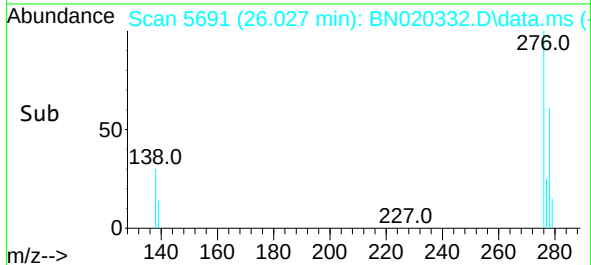
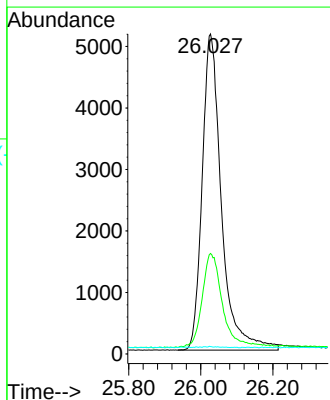
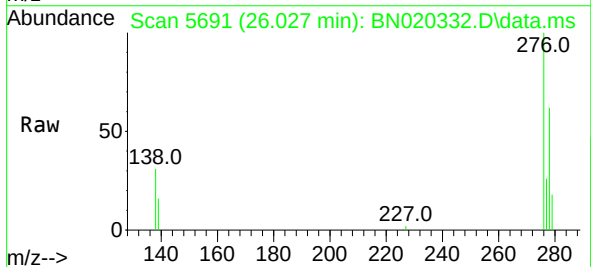
Instrument :
BNA_N
ClientSampleId :
SLCS593

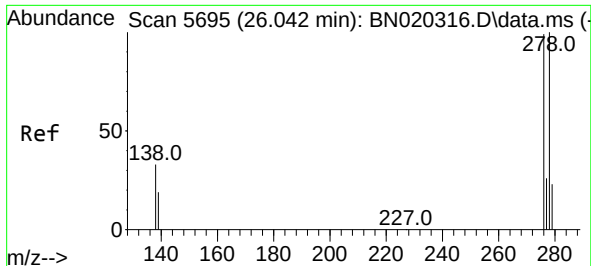
Tgt Ion:252 Resp: 14682
Ion Ratio Lower Upper
252 100
253 28.1 21.7 32.5
125 20.7 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.260 ng/ul
RT: 26.027 min Scan# 5691
Delta R.T. -0.013 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

Tgt Ion:276 Resp: 19094
Ion Ratio Lower Upper
276 100
138 31.6 26.5 39.7
227 0.1 0.0 0.0#

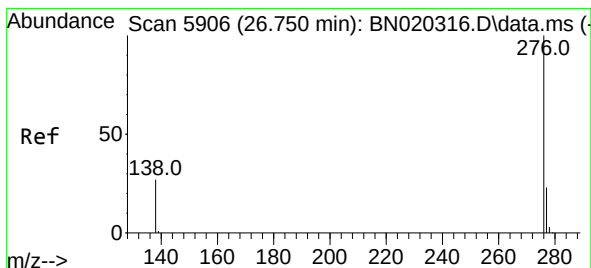
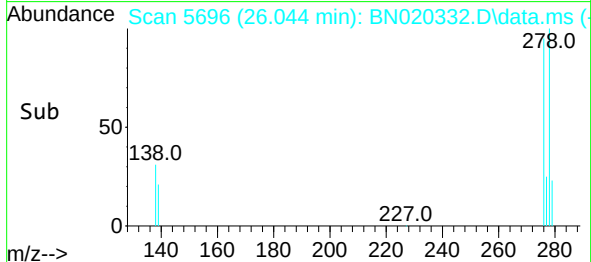
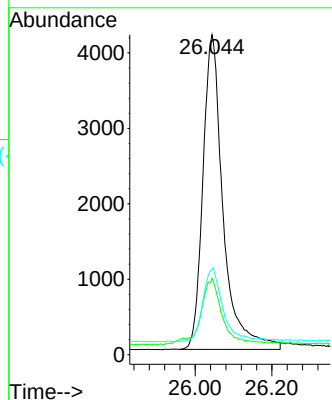
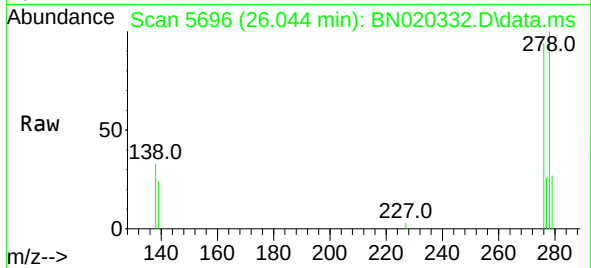




#28
Dibenzo(a,h)anthracene
Concen: 0.261 ng/ul
RT: 26.044 min Scan# 5696
Delta R.T. -0.007 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

Instrument :
BNA_N
ClientSampleId :
SLCS593

Tgt Ion:278 Resp: 15326
Ion Ratio Lower Upper
278 100
139 23.9 18.2 27.2
279 26.7 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.264 ng/ul
RT: 26.748 min Scan# 5906
Delta R.T. -0.017 min
Lab File: BN020332.D
Acq: 22 Jun 2022 06:28

Tgt Ion:276 Resp: 17107
Ion Ratio Lower Upper
276 100
138 29.2 23.0 34.4
277 25.4 19.7 29.5

