

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061822\
 Data File : BN020268.D
 Acq On : 18 Jun 2022 21:17
 Operator : CG/JU
 Sample : SSTD3.207
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2207

Quant Time: Jun 20 00:58:11 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 00:54:39 2022
 Response via : Initial Calibration

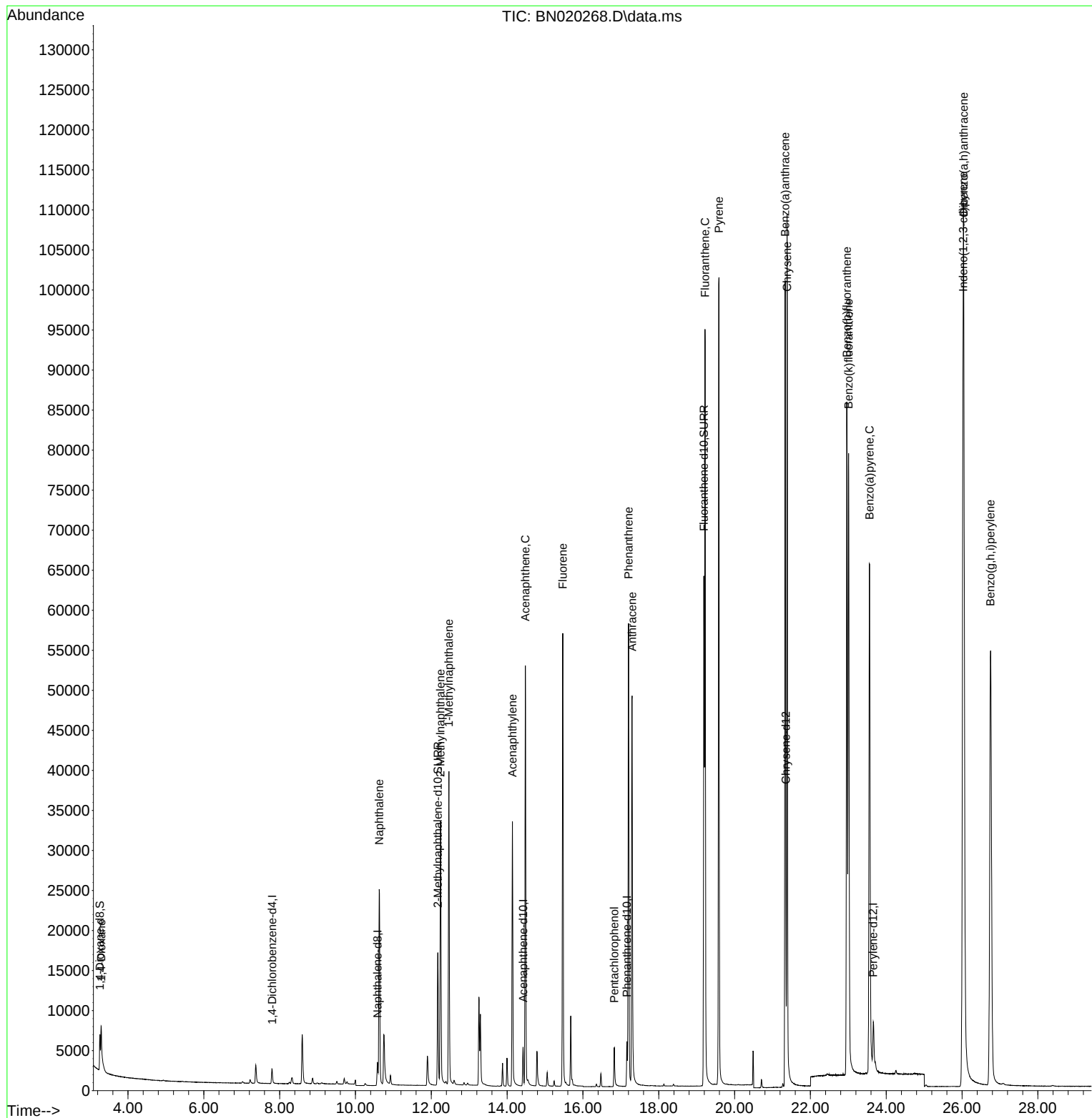
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	1221	0.400	ng/ul	0.00
4) Naphthalene-d8	10.583	136	4286	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.422	164	2938	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.161	188	6785	0.400	ng/ul	0.00
17) Chrysene-d12	21.350	240	9474	0.400	ng/ul	0.00
23) Perylene-d12	23.659	264	8568	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	3648	2.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.172	152	23097	3.376	ng/ul	0.00
18) Fluoranthene-d10	19.191	212	70245	2.453	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.294	88	3629	2.480	ng/ul#	72
5) Naphthalene	10.627	128	36569	2.711	ng/ul	94
7) 2-Methylnaphthalene	12.244	142	25586	2.952	ng/ul	99
8) 1-Methylnaphthalene	12.464	142	27679	3.423	ng/ul	99
10) Acenaphthylene	14.140	152	40813	2.801	ng/ul	97
11) Acenaphthene	14.482	153	31329	2.796	ng/ul	99
12) Fluorene	15.467	166	38049	2.953	ng/ul	98
14) Pentachlorophenol	16.827	266	3919	2.747	ng/ul	99
15) Phenanthrene	17.203	178	66655	2.769	ng/ul	98
16) Anthracene	17.296	178	60257	2.895	ng/ul	97
19) Fluoranthene	19.223	202	87629	2.165	ng/ul	98
20) Pyrene	19.586	202	88912	2.182	ng/ul	94
21) Benzo(a)anthracene	21.335	228	91143	2.625	ng/ul	99
22) Chrysene	21.385	228	97551	2.490	ng/ul	99
24) Benzo(b)fluoranthene	22.960	252	109960	2.796	ng/ul	94
25) Benzo(k)fluoranthene	23.007	252	109208	2.828	ng/ul	94
26) Benzo(a)pyrene	23.560	252	103031	2.862	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.034	276	139480	3.401	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.044	278	115275	3.442	ng/ul	97
29) Benzo(g,h,i)perylene	26.751	276	122031	3.515	ng/ul	98

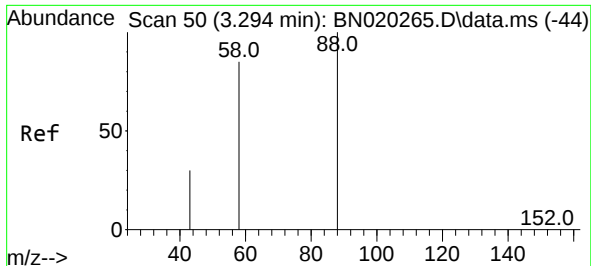
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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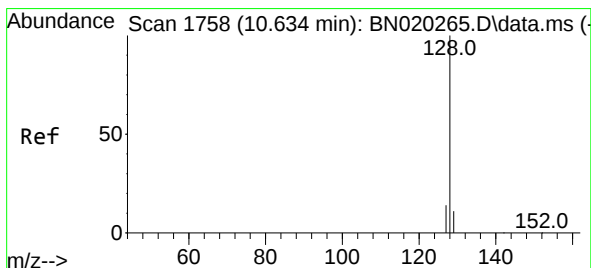
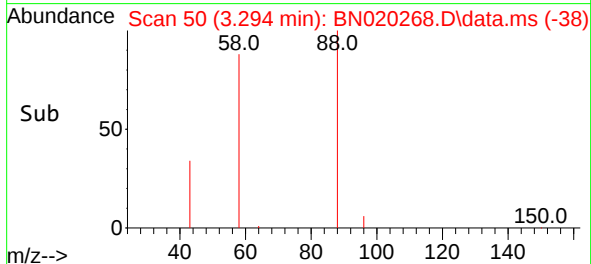
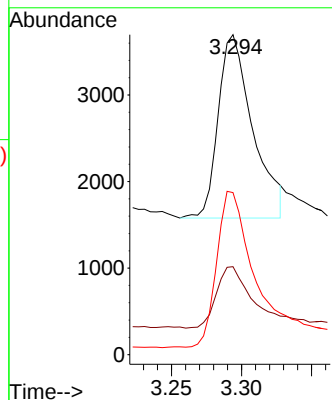
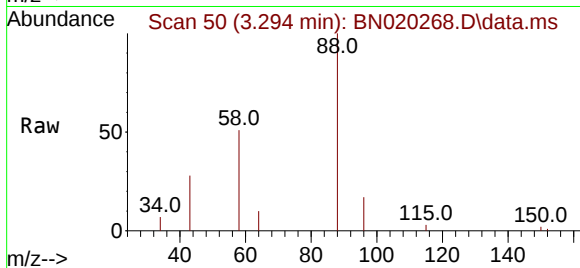




#2
 1,4-Dioxane
 Concen: 2.480 ng/ul
 RT: 3.294 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BN020268.D
 Acq: 18 Jun 2022 21:17

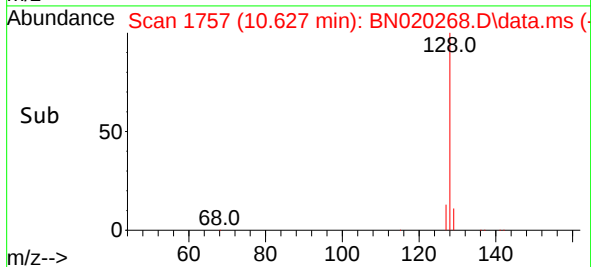
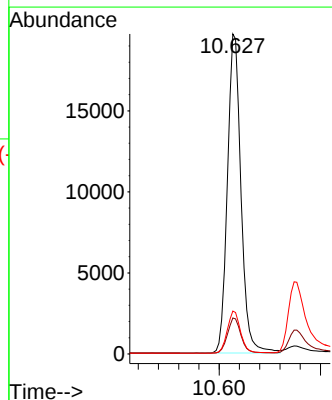
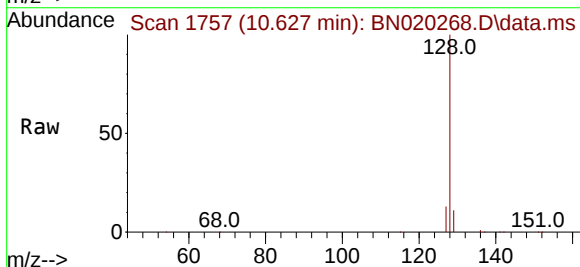
Instrument :
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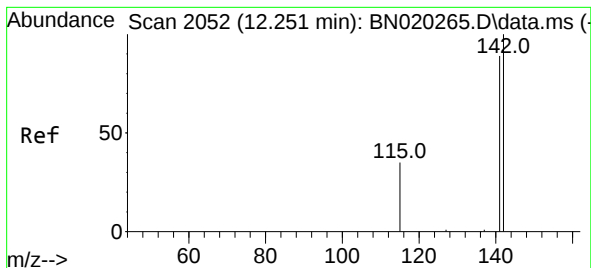
Tgt Ion: 88 Resp: 3629
 Ion Ratio Lower Upper
 88 100
 43 27.5 31.6 47.4#
 58 50.7 23.8 35.6#



#5
 Naphthalene
 Concen: 2.711 ng/ul
 RT: 10.627 min Scan# 1757
 Delta R.T. -0.007 min
 Lab File: BN020268.D
 Acq: 18 Jun 2022 21:17

Tgt Ion: 128 Resp: 36569
 Ion Ratio Lower Upper
 128 100
 129 11.2 11.0 16.4
 127 13.4 12.8 19.2

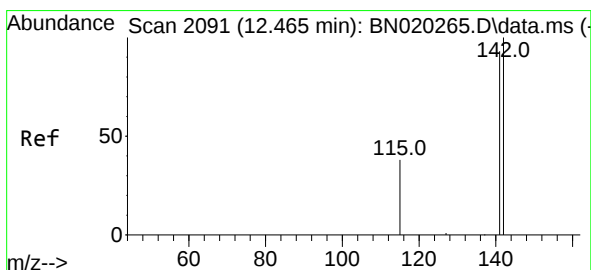
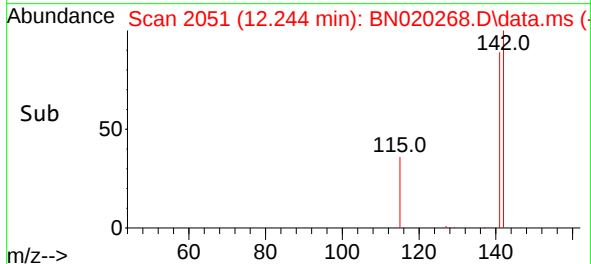
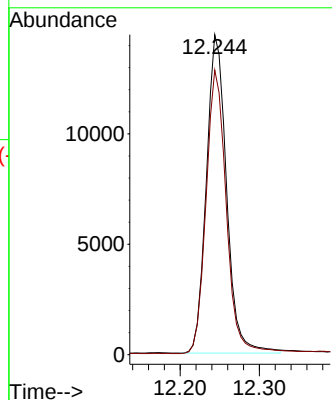
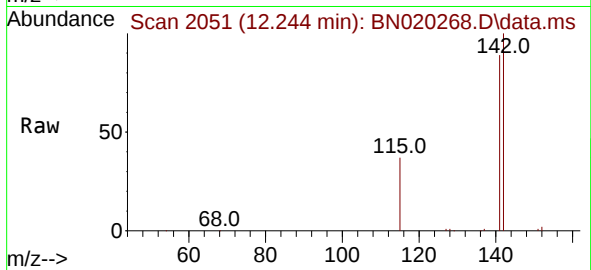




#7
2-Methylnaphthalene
Concen: 2.952 ng/ul
RT: 12.244 min Scan# 2051
Delta R.T. -0.007 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

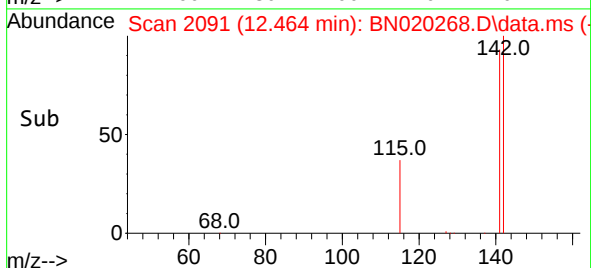
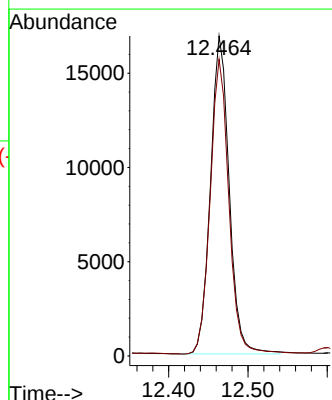
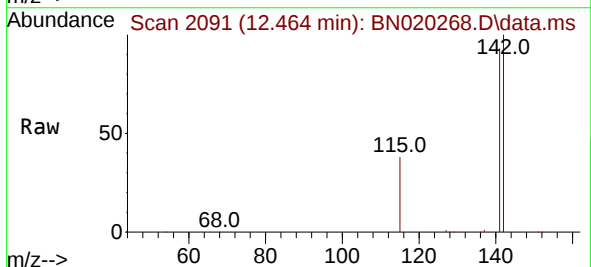
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

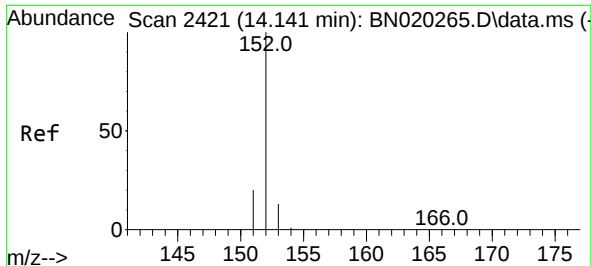
Tgt Ion:142 Resp: 25586
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.8



#8
1-Methylnaphthalene
Concen: 3.423 ng/ul
RT: 12.464 min Scan# 2091
Delta R.T. -0.001 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

Tgt Ion:142 Resp: 27679
Ion Ratio Lower Upper
142 100
141 92.5 73.4 110.0

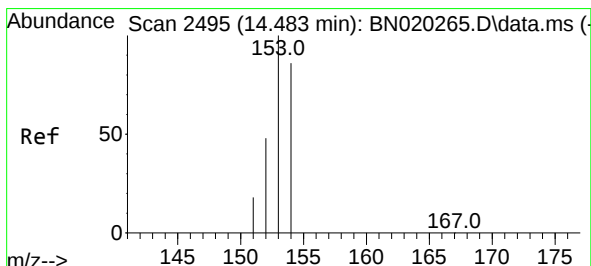
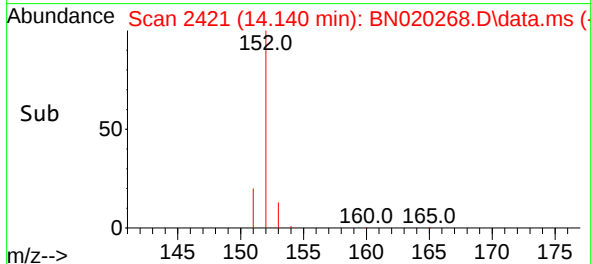
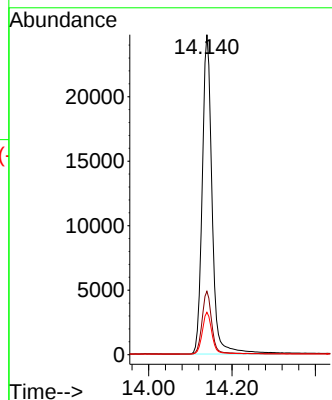
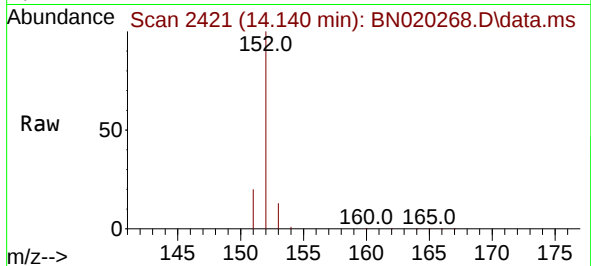




#10
Acenaphthylene
Concen: 2.801 ng/ul
RT: 14.140 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

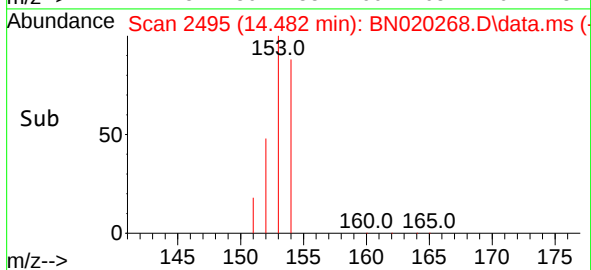
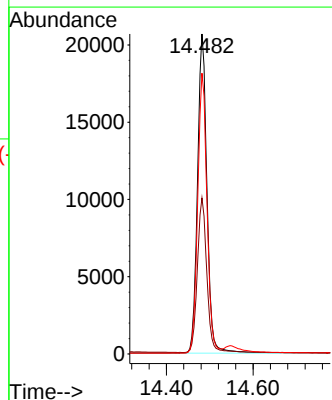
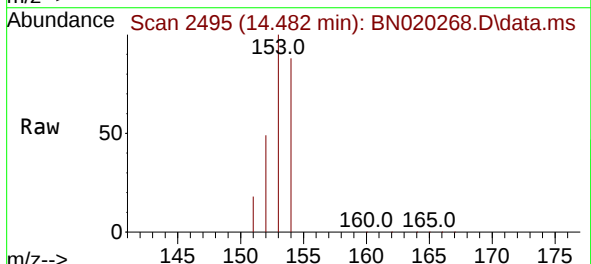
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ClientSampleId :
SSTD3.2207

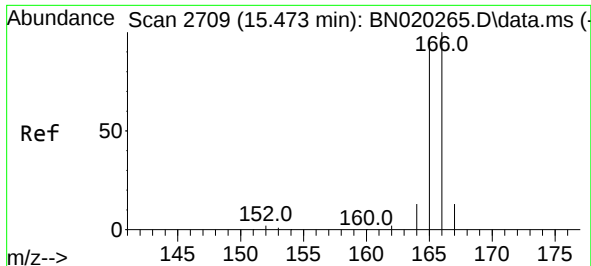
Tgt Ion:152 Resp: 40813
Ion Ratio Lower Upper
152 100
151 19.8 17.2 25.8
153 13.3 11.7 17.5



#11
Acenaphthene
Concen: 2.796 ng/ul
RT: 14.482 min Scan# 2495
Delta R.T. -0.001 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

Tgt Ion:153 Resp: 31329
Ion Ratio Lower Upper
153 100
152 48.8 39.9 59.9
154 87.8 69.2 103.8

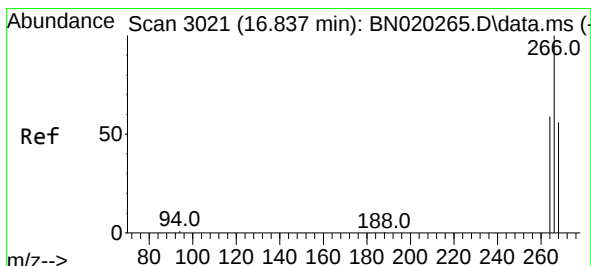
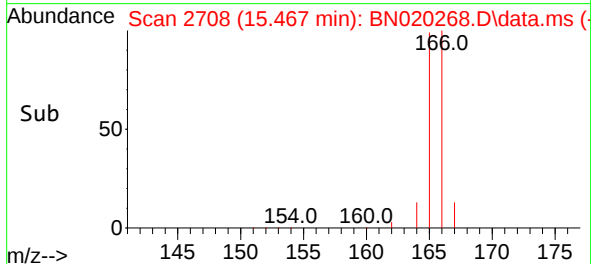
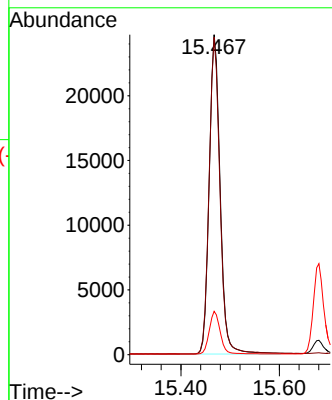
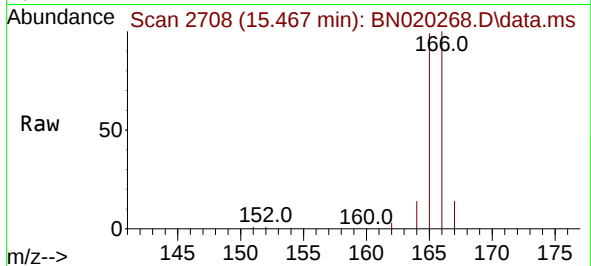




#12
Fluorene
Concen: 2.953 ng/ul
RT: 15.467 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

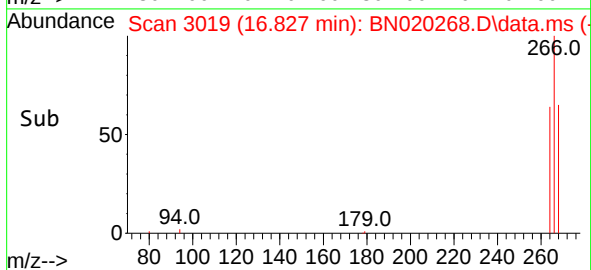
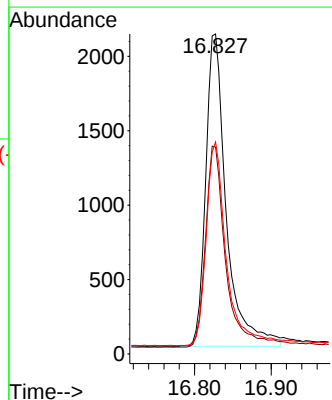
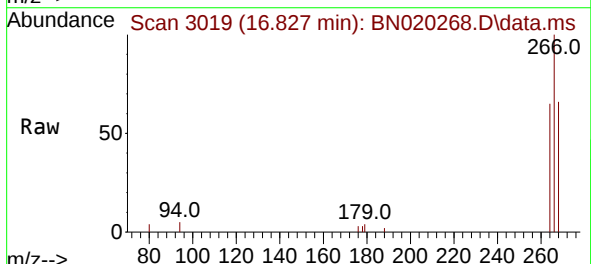
Instrument :
BNA_N
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SSTD3.2207

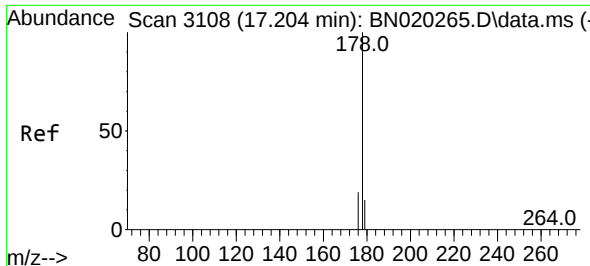
Tgt Ion:166 Resp: 38049
Ion Ratio Lower Upper
166 100
165 99.2 78.2 117.4
167 13.5 12.1 18.1



#14
Pentachlorophenol
Concen: 2.747 ng/ul
RT: 16.827 min Scan# 3019
Delta R.T. -0.010 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

Tgt Ion:266 Resp: 3919
Ion Ratio Lower Upper
266 100
264 63.8 49.8 74.8
268 64.0 51.8 77.6

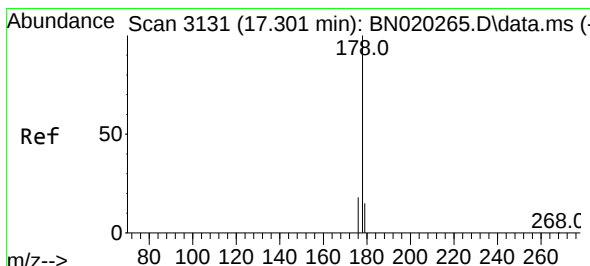
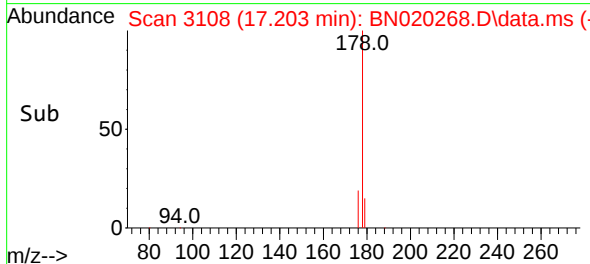
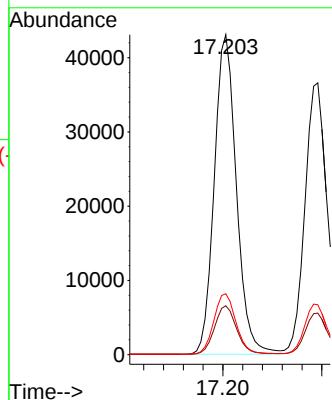
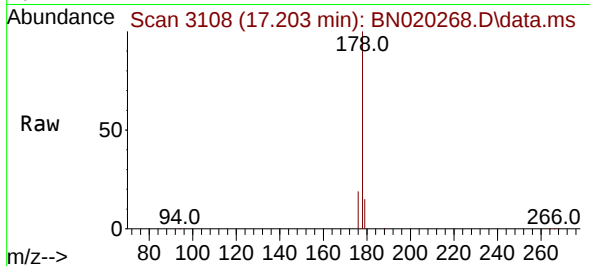




#15
Phenanthrene
Concen: 2.769 ng/ul
RT: 17.203 min Scan# 3108
Delta R.T. -0.001 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

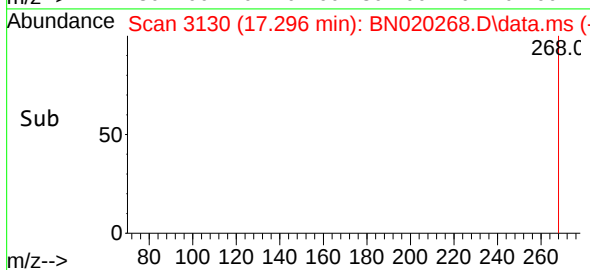
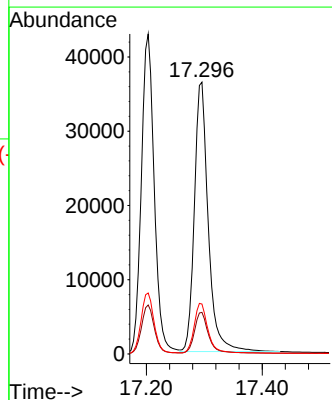
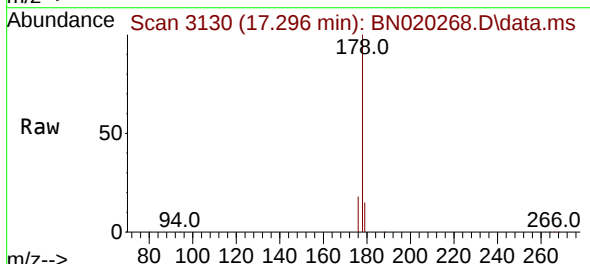
Instrument :
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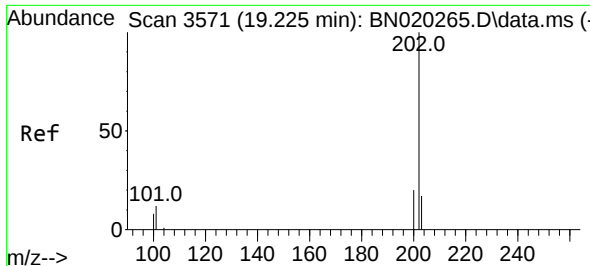
Tgt Ion:178 Resp: 66655
Ion Ratio Lower Upper
178 100
179 15.3 13.4 20.0
176 19.0 15.8 23.6



#16
Anthracene
Concen: 2.895 ng/ul
RT: 17.296 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

Tgt Ion:178 Resp: 60257
Ion Ratio Lower Upper
178 100
179 15.3 13.8 20.8
176 18.4 15.6 23.4

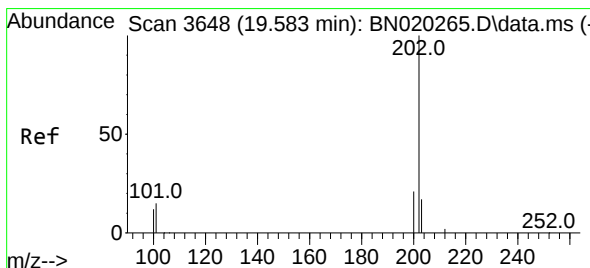
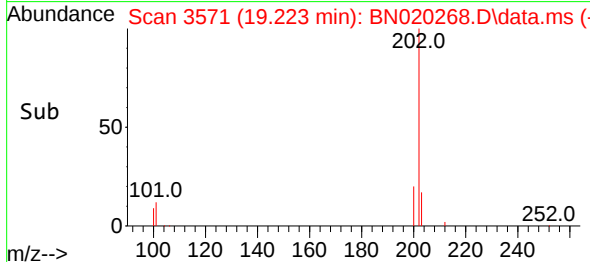
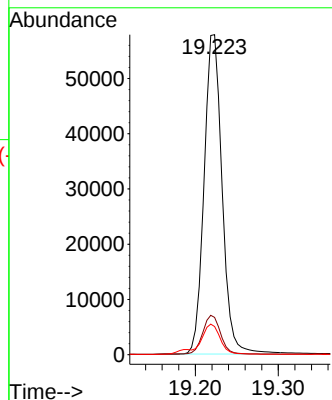
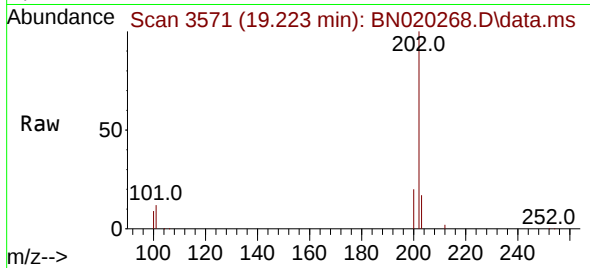




#19
Fluoranthene
Concen: 2.165 ng/ul
RT: 19.223 min Scan# 3571
Delta R.T. -0.002 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

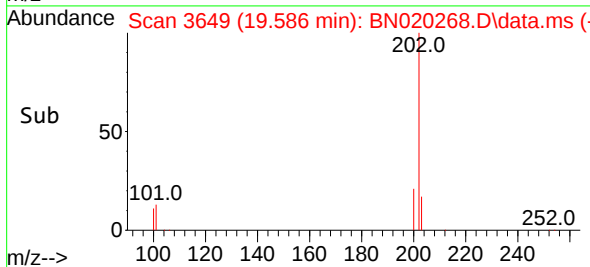
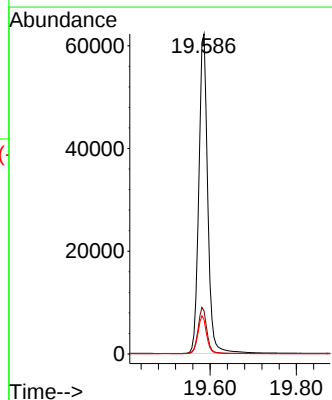
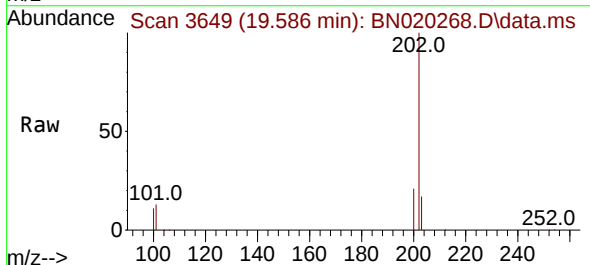
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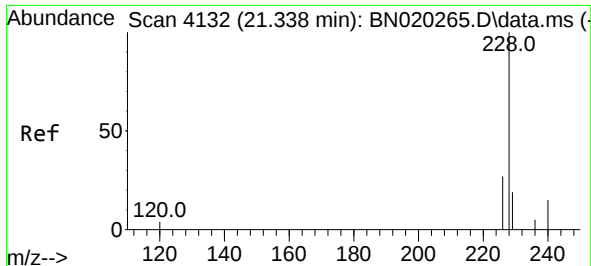
Tgt Ion:202 Resp: 87629
Ion Ratio Lower Upper
202 100
101 11.6 9.9 14.9
100 8.8 7.6 11.4



#20
Pyrene
Concen: 2.182 ng/ul
RT: 19.586 min Scan# 3649
Delta R.T. 0.003 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

Tgt Ion:202 Resp: 88912
Ion Ratio Lower Upper
202 100
101 13.4 12.6 19.0
100 10.7 10.3 15.5

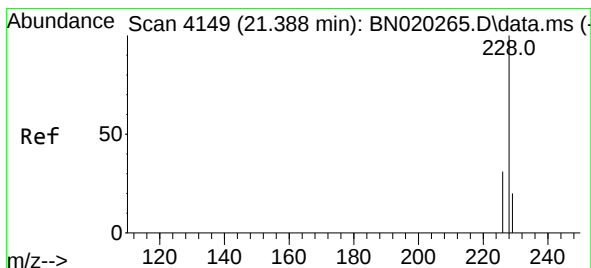
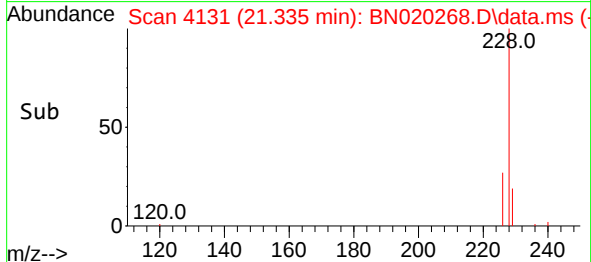
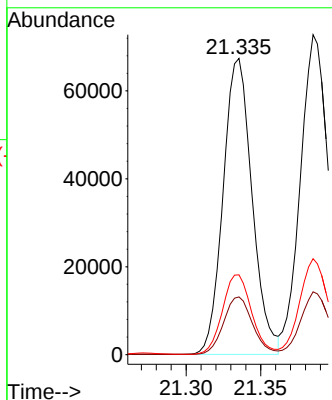
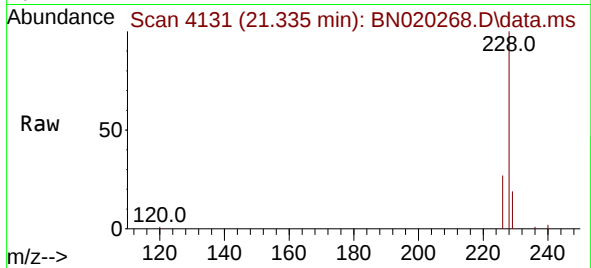




#21
Benzo(a)anthracene
Concen: 2.625 ng/ul
RT: 21.335 min Scan# 4132
Delta R.T. -0.003 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

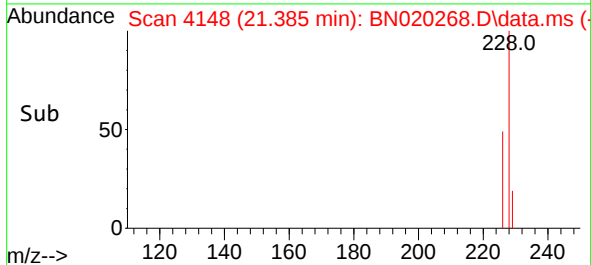
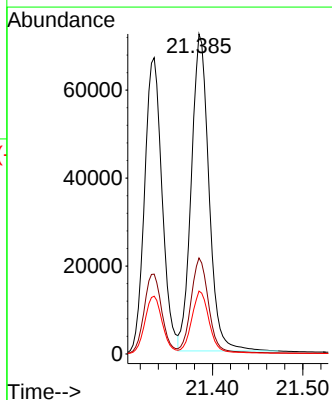
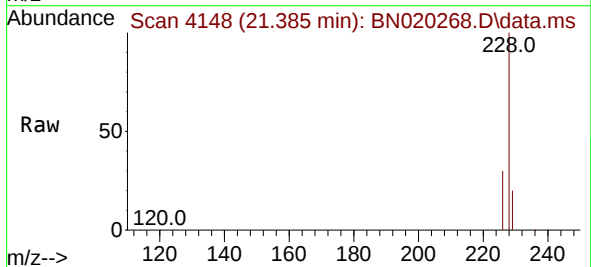
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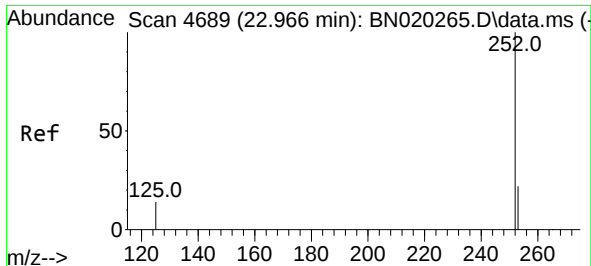
Tgt Ion:228 Resp: 91143
Ion Ratio Lower Upper
228 100
229 19.5 16.0 24.0
226 26.9 21.8 32.6



#22
Chrysene
Concen: 2.490 ng/ul
RT: 21.385 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

Tgt Ion:228 Resp: 97551
Ion Ratio Lower Upper
228 100
226 30.0 24.7 37.1
229 19.6 16.0 24.0

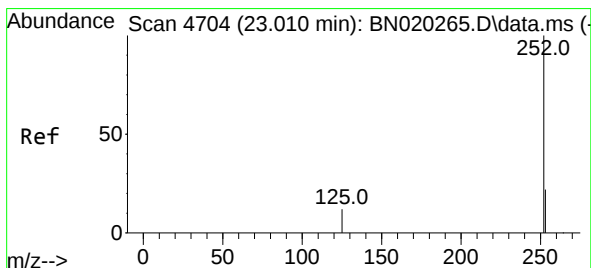
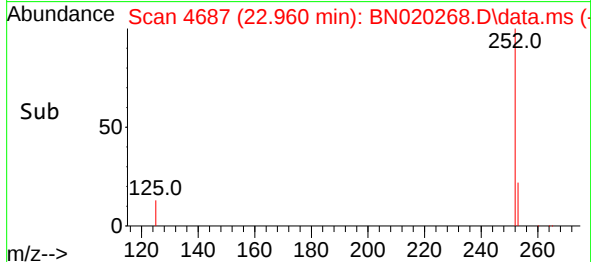
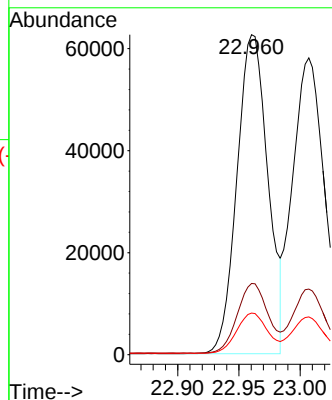
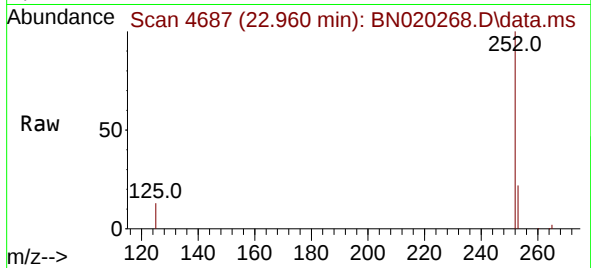




#24
Benzo(b)fluoranthene
Concen: 2.796 ng/ul
RT: 22.960 min Scan# 4689
Delta R.T. -0.006 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

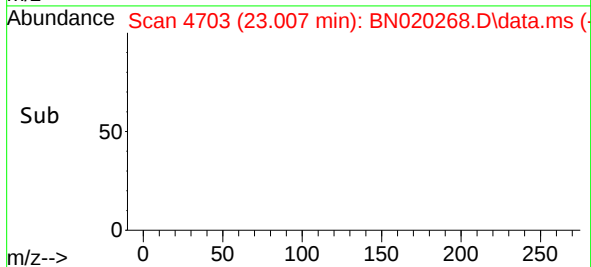
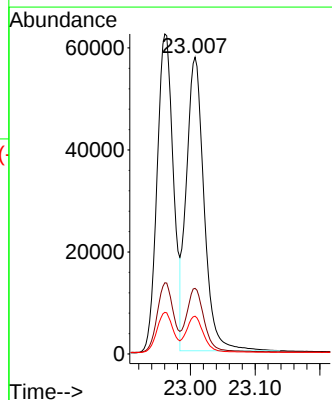
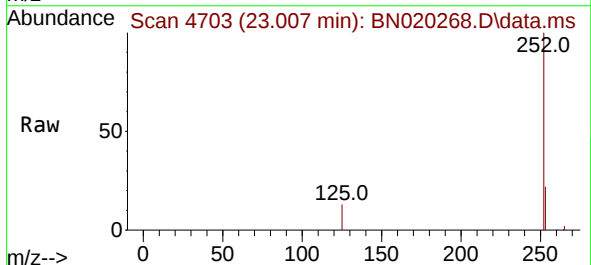
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

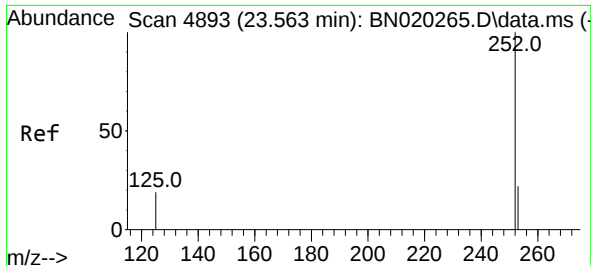
Tgt Ion:252 Resp: 109960
Ion Ratio Lower Upper
252 100
253 22.2 0.0 49.4
125 13.0 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 2.828 ng/ul
RT: 23.007 min Scan# 4703
Delta R.T. -0.003 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

Tgt Ion:252 Resp: 109208
Ion Ratio Lower Upper
252 100
253 22.1 20.2 30.4
125 12.7 12.3 18.5

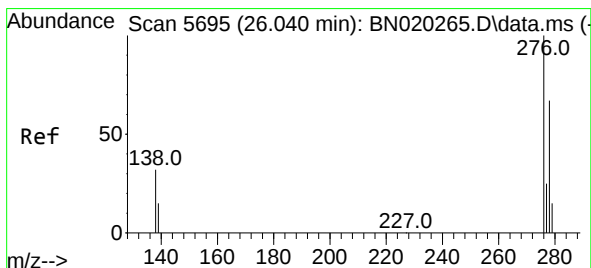
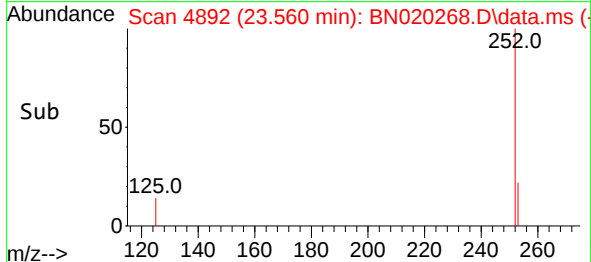
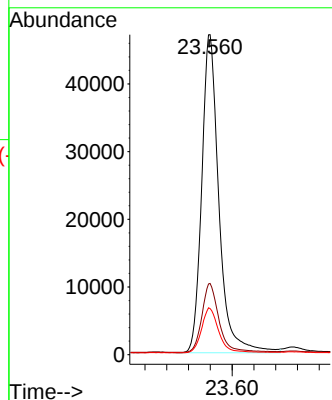
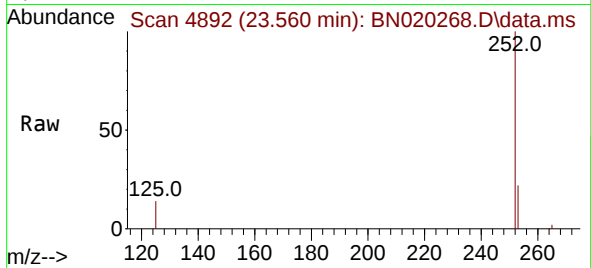




#26
Benzo(a)pyrene
Concen: 2.862 ng/ul
RT: 23.560 min Scan# 4893
Delta R.T. -0.003 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

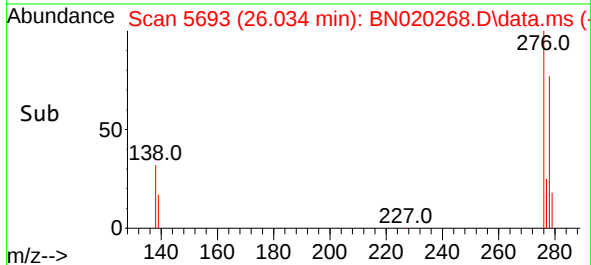
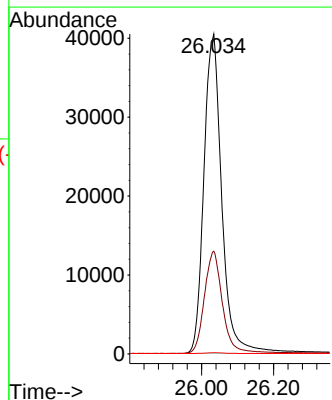
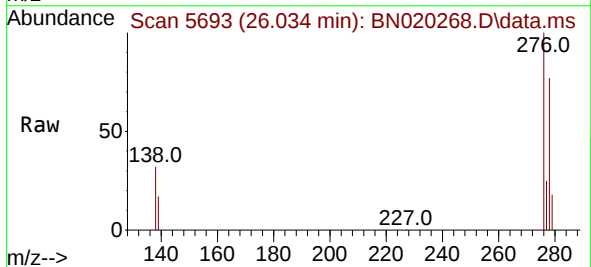
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

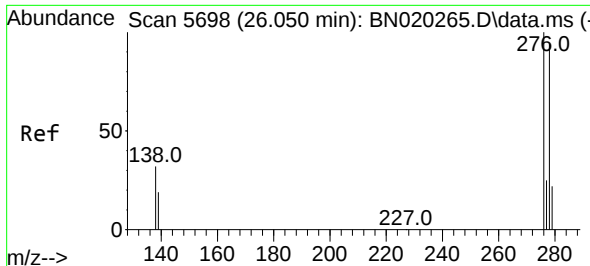
Tgt Ion:252 Resp: 103031
Ion Ratio Lower Upper
252 100
253 22.3 21.7 32.5
125 14.4 18.6 28.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.401 ng/ul
RT: 26.034 min Scan# 5693
Delta R.T. -0.007 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

Tgt Ion:276 Resp: 139480
Ion Ratio Lower Upper
276 100
138 32.4 26.5 39.7
227 0.2 0.0 0.0#

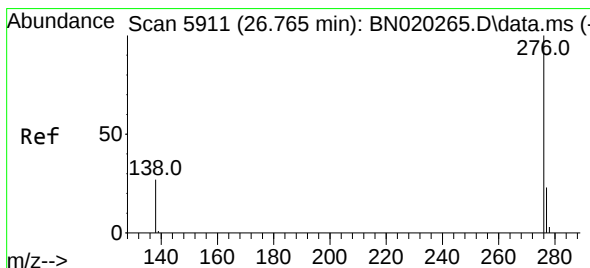
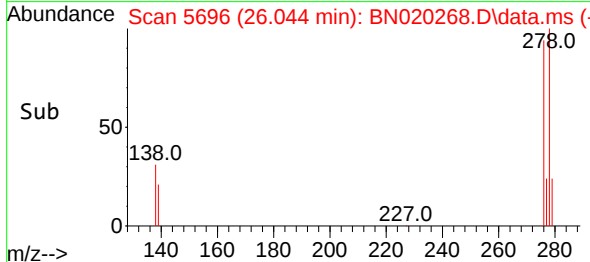
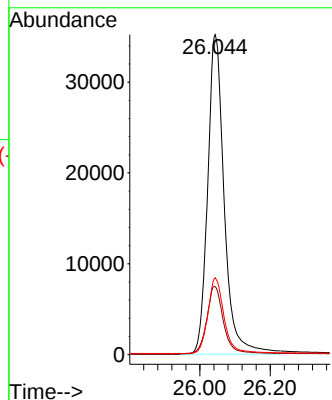
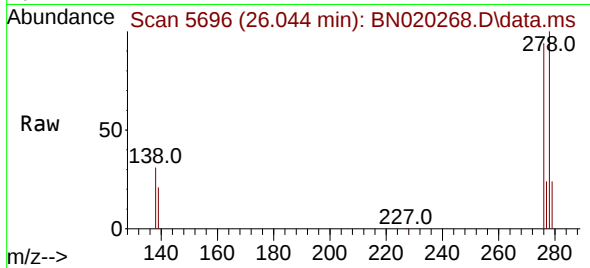




#28
Dibenzo(a,h)anthracene
Concen: 3.442 ng/ul
RT: 26.044 min Scan# 5097
Delta R.T. -0.007 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Tgt Ion:278 Resp: 115275
Ion Ratio Lower Upper
278 100
139 21.2 18.2 27.2
279 24.0 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 3.515 ng/ul
RT: 26.751 min Scan# 5907
Delta R.T. -0.013 min
Lab File: BN020268.D
Acq: 18 Jun 2022 21:17

Tgt Ion:276 Resp: 122031
Ion Ratio Lower Upper
276 100
138 27.9 23.0 34.4
277 23.7 19.7 29.5

