

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061822\
 Data File : BN020267.D
 Acq On : 18 Jun 2022 20:41
 Operator : CG/JU
 Sample : SSTD1.606
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6206

Quant Time: Jun 20 00:58:03 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

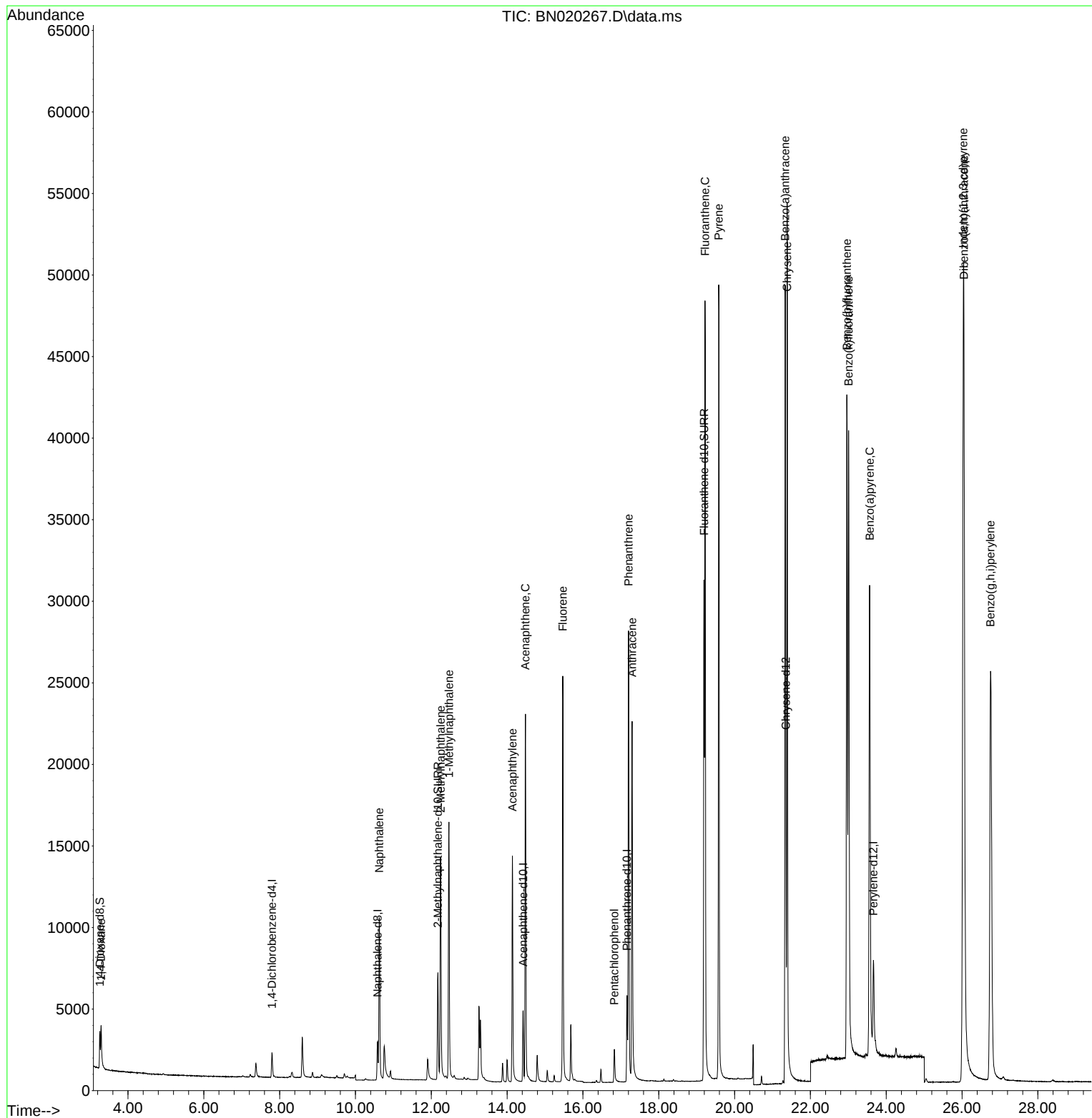
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	954	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	3553	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	2655	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	6634	0.400	ng/ul	0.00
17) Chrysene-d12	21.353	240	9283	0.400	ng/ul	0.00
23) Perylene-d12	23.662	264	8364	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	1666	1.532	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	9776	1.724	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	34042	1.213	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	1762	1.541	ng/ul#	74
5) Naphthalene	10.628	128	15304	1.369	ng/ul	94
7) 2-Methylnaphthalene	12.245	142	10900	1.517	ng/ul	98
8) 1-Methylnaphthalene	12.465	142	11850	1.768	ng/ul	100
10) Acenaphthylene	14.141	152	17783	1.350	ng/ul	97
11) Acenaphthene	14.483	153	14179	1.400	ng/ul	98
12) Fluorene	15.469	166	17654	1.516	ng/ul	99
14) Pentachlorophenol	16.829	266	1770	1.269	ng/ul	99
15) Phenanthrene	17.204	178	31895	1.355	ng/ul	98
16) Anthracene	17.297	178	28066	1.379	ng/ul	97
19) Fluoranthene	19.220	202	43142	1.088	ng/ul	99
20) Pyrene	19.583	202	44153	1.106	ng/ul	98
21) Benzo(a)anthracene	21.335	228	43473	1.278	ng/ul	99
22) Chrysene	21.388	228	49039	1.277	ng/ul	98
24) Benzo(b)fluoranthene	22.963	252	55591	1.448	ng/ul	94
25) Benzo(k)fluoranthene	23.007	252	54629	1.449	ng/ul	95
26) Benzo(a)pyrene	23.563	252	49196	1.400	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.034	276	67391	1.683	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.050	278	55180	1.688	ng/ul	97
29) Benzo(g,h,i)perylene	26.751	276	59003	1.741	ng/ul	99

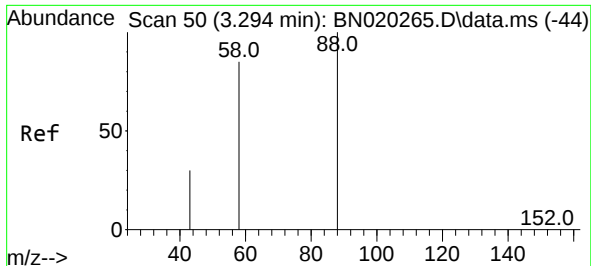
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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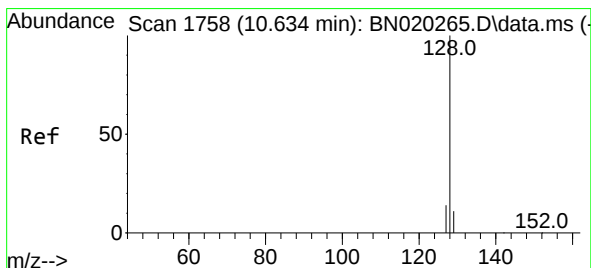
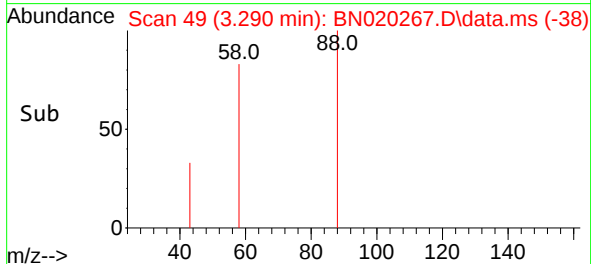
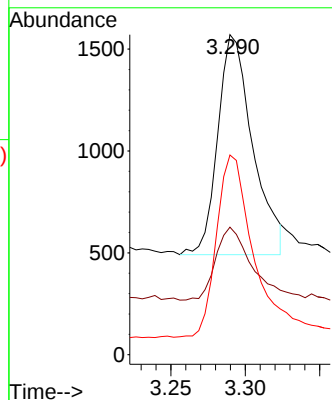
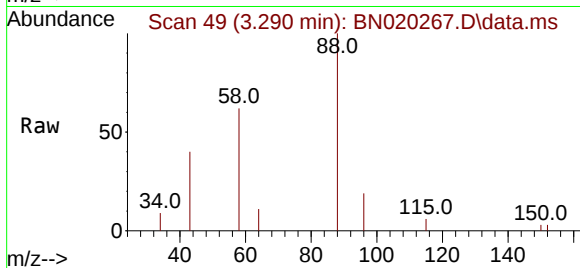




#2
1,4-Dioxane
Concen: 1.541 ng/ul
RT: 3.290 min Scan# 49
Delta R.T. -0.004 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

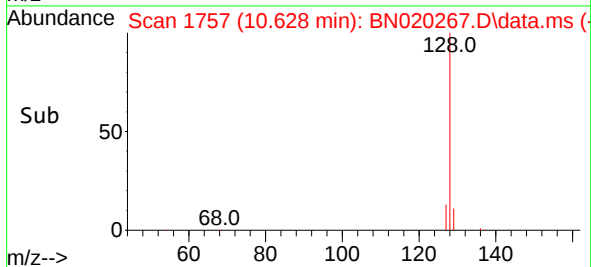
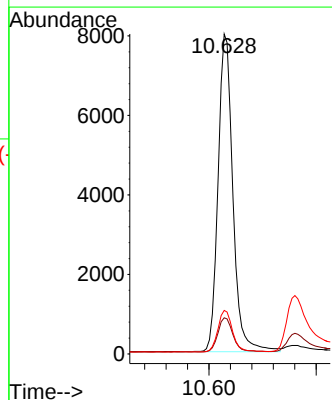
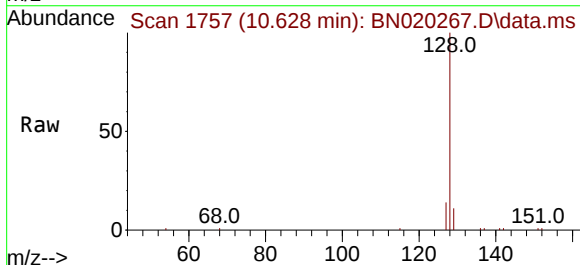
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

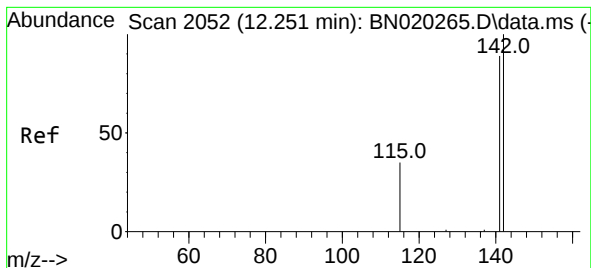
Tgt Ion: 88 Resp: 1762
Ion Ratio Lower Upper
88 100
43 39.8 31.6 47.4
58 62.4 23.8 35.6#



#5
Naphthalene
Concen: 1.369 ng/ul
RT: 10.628 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

Tgt Ion: 128 Resp: 15304
Ion Ratio Lower Upper
128 100
129 11.3 11.0 16.4
127 13.6 12.8 19.2

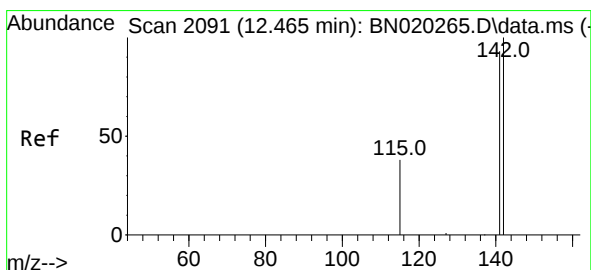
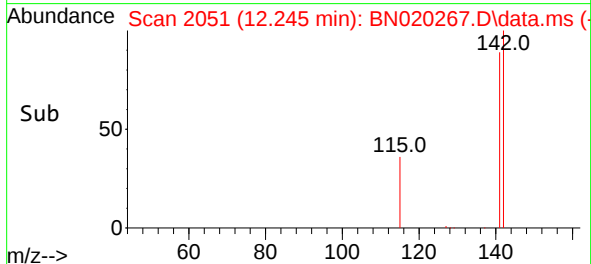
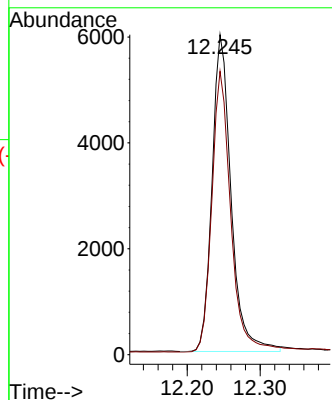
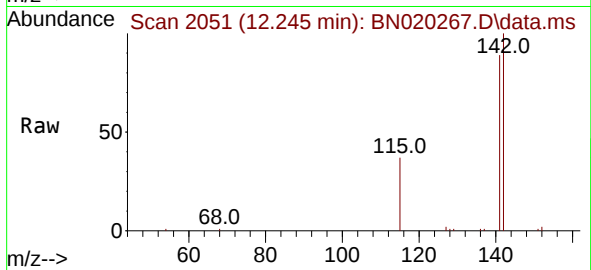




#7
2-Methylnaphthalene
Concen: 1.517 ng/ul
RT: 12.245 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

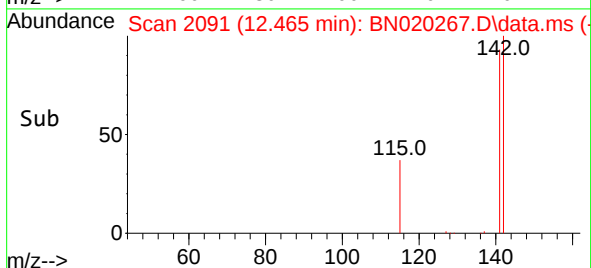
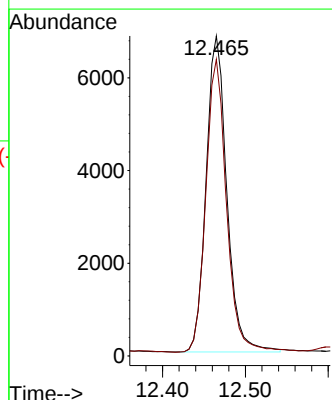
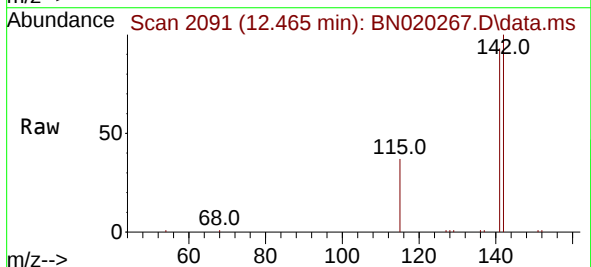
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

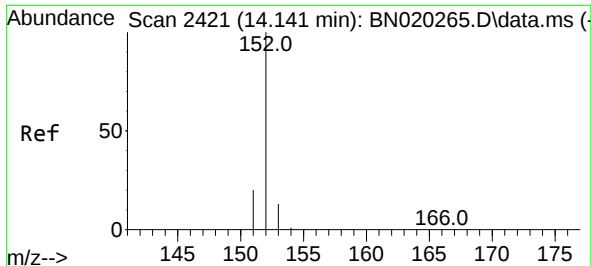
Tgt Ion:142 Resp: 10900
Ion Ratio Lower Upper
142 100
141 88.3 71.8 107.8



#8
1-Methylnaphthalene
Concen: 1.768 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

Tgt Ion:142 Resp: 11850
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.0

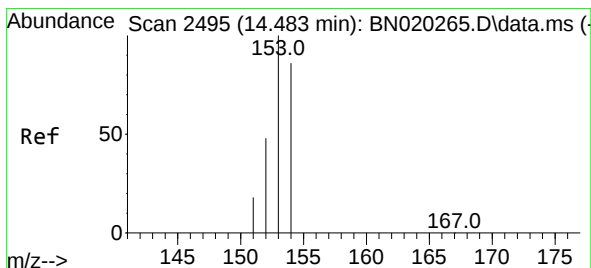
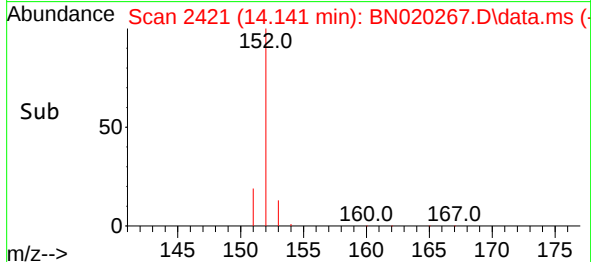
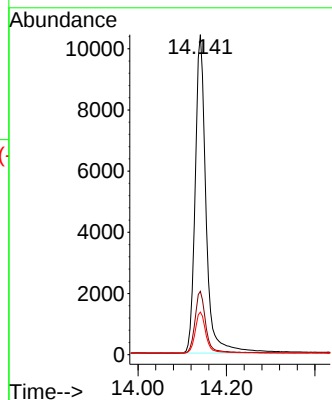
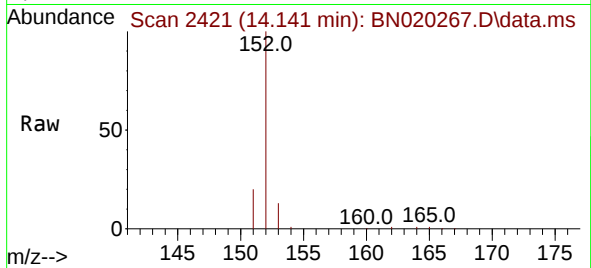




#10
Acenaphthylene
Concen: 1.350 ng/ul
RT: 14.141 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

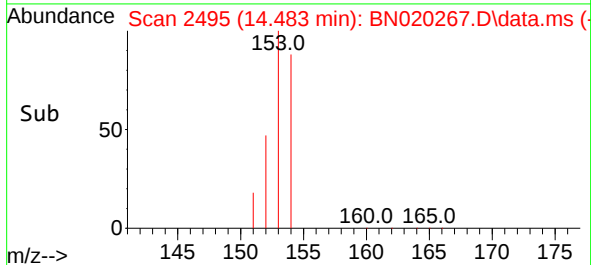
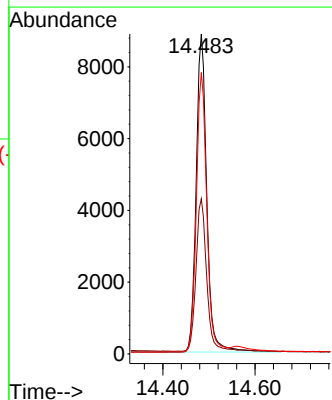
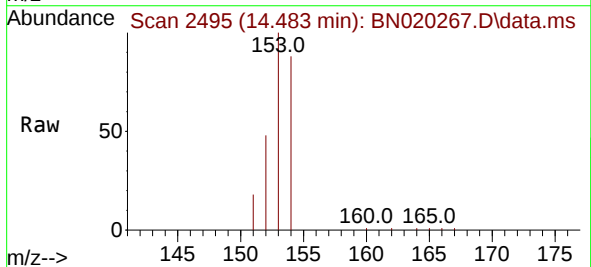
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

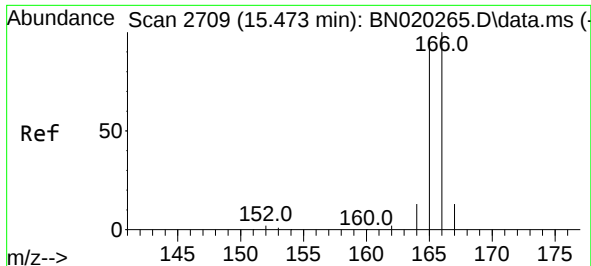
Tgt Ion:152 Resp: 17783
Ion Ratio Lower Upper
152 100
151 19.8 17.2 25.8
153 13.3 11.7 17.5



#11
Acenaphthene
Concen: 1.400 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

Tgt Ion:153 Resp: 14179
Ion Ratio Lower Upper
153 100
152 48.5 39.9 59.9
154 88.0 69.2 103.8

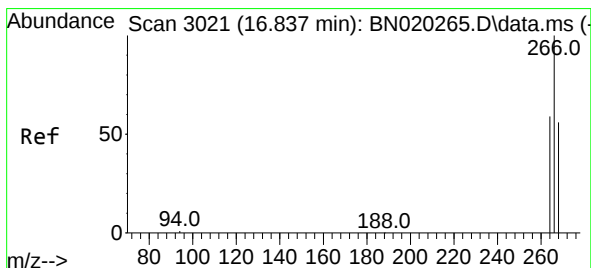
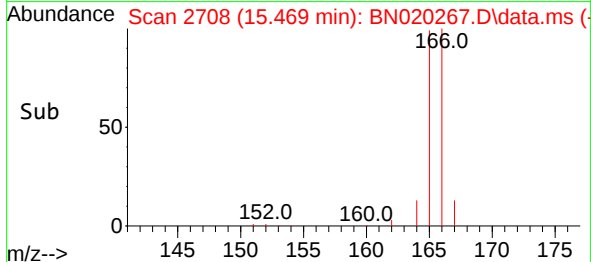
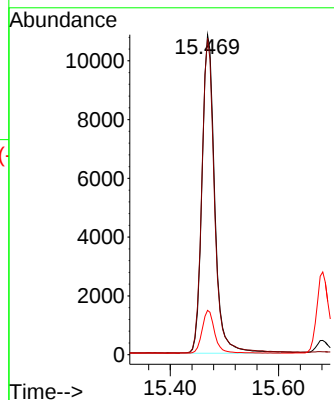
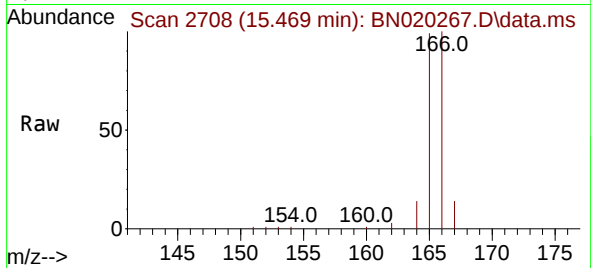




#12
Fluorene
Concen: 1.516 ng/ul
RT: 15.469 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

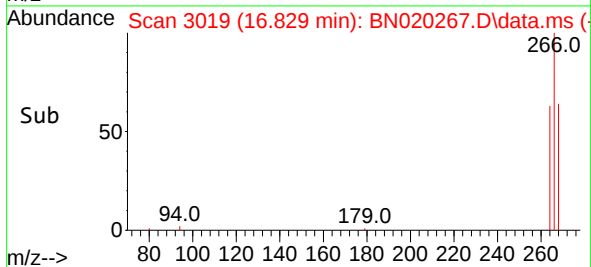
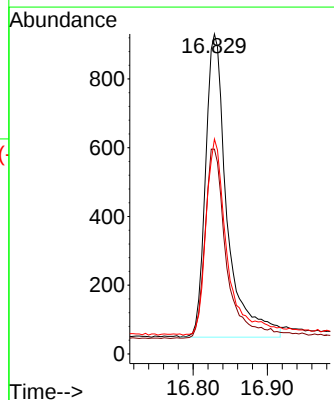
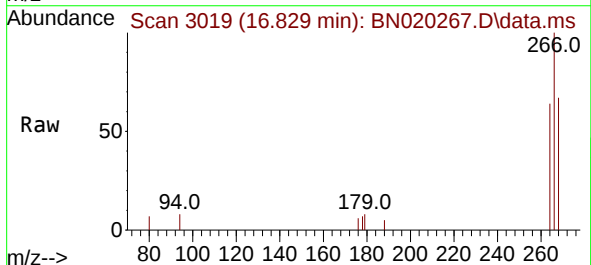
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BNA_N
ClientSampleId :
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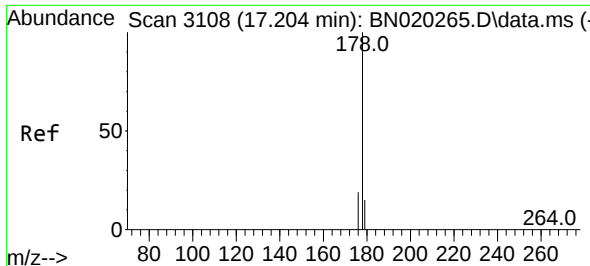
Tgt Ion:166 Resp: 17654
Ion Ratio Lower Upper
166 100
165 98.9 78.2 117.4
167 13.9 12.1 18.1



#14
Pentachlorophenol
Concen: 1.269 ng/ul
RT: 16.829 min Scan# 3019
Delta R.T. -0.009 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

Tgt Ion:266 Resp: 1770
Ion Ratio Lower Upper
266 100
264 62.5 49.8 74.8
268 63.8 51.8 77.6

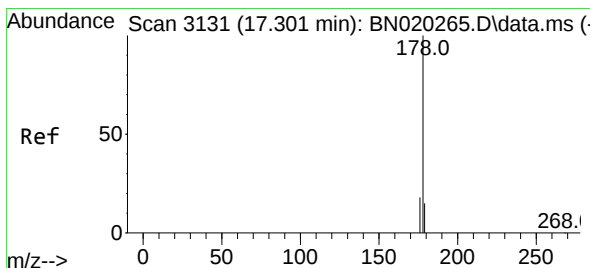
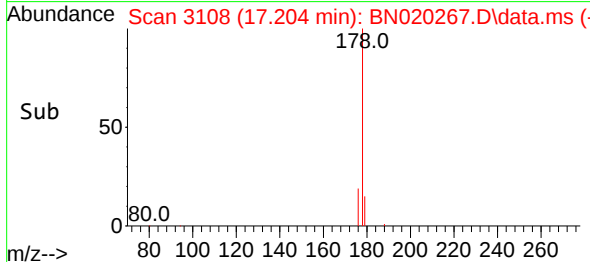
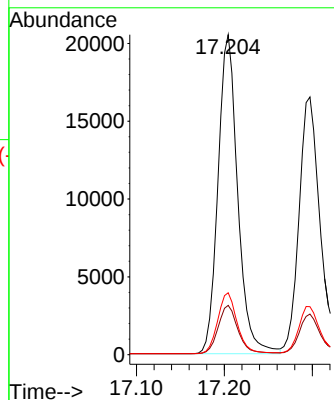
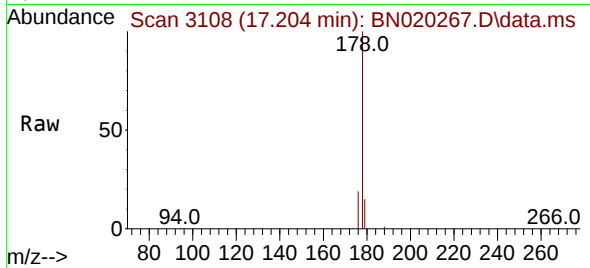




#15
Phenanthrene
Concen: 1.355 ng/ul
RT: 17.204 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

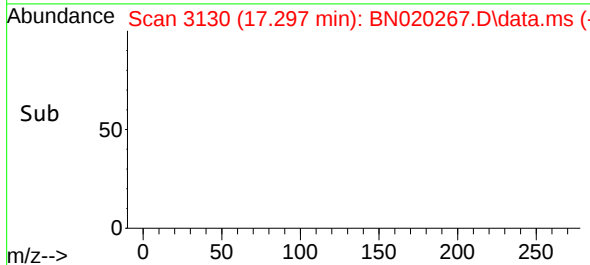
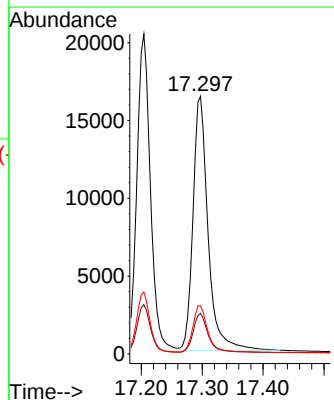
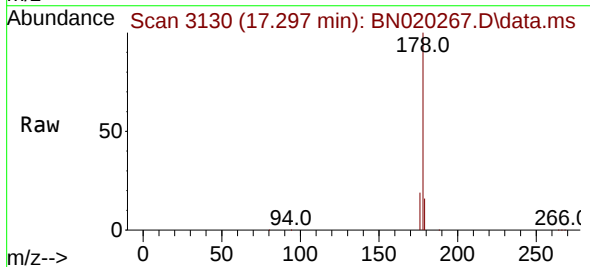
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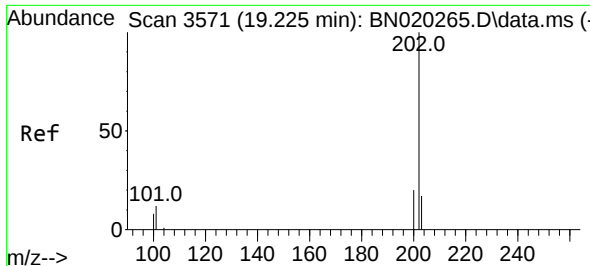
Tgt Ion:	178	Resp:	31895
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.4	20.0
176	19.4	15.8	23.6



#16
Anthracene
Concen: 1.379 ng/ul
RT: 17.297 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

Tgt Ion:	178	Resp:	28066
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.8	20.8
176	18.7	15.6	23.4

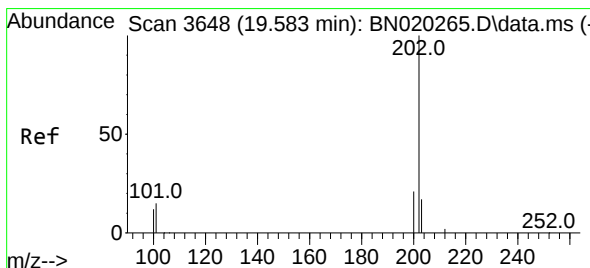
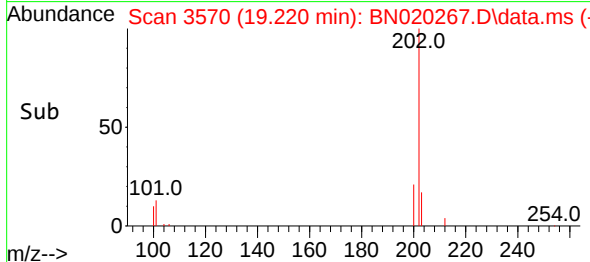
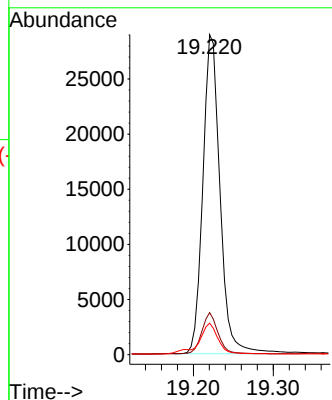
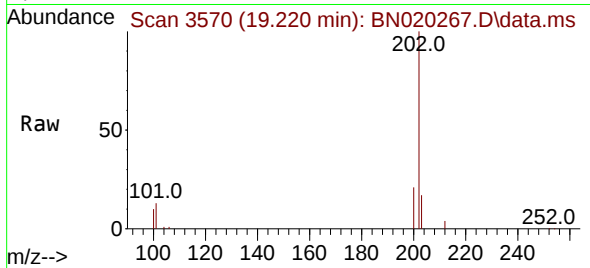




#19
Fluoranthene
Concen: 1.088 ng/ul
RT: 19.220 min Scan# 3570
Delta R.T. -0.005 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

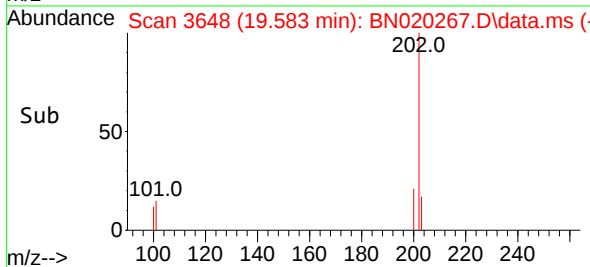
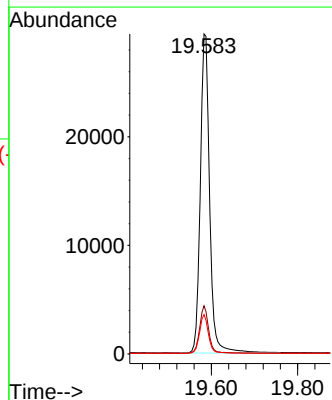
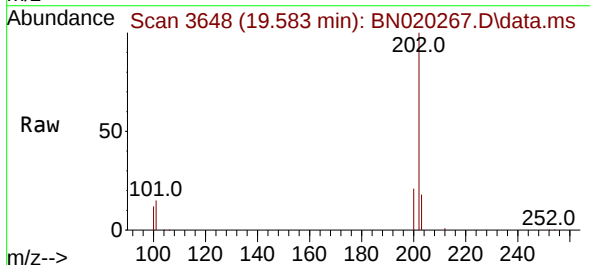
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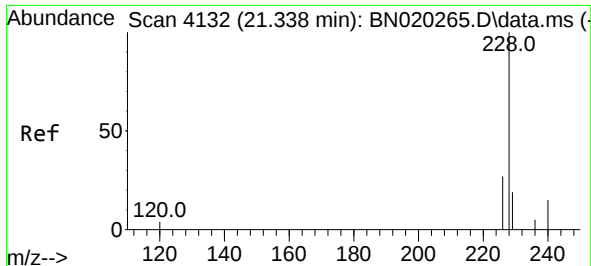
Tgt Ion:202 Resp: 43142
Ion Ratio Lower Upper
202 100
101 13.2 9.9 14.9
100 9.8 7.6 11.4



#20
Pyrene
Concen: 1.106 ng/ul
RT: 19.583 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

Tgt Ion:202 Resp: 44153
Ion Ratio Lower Upper
202 100
101 15.1 12.6 19.0
100 12.3 10.3 15.5

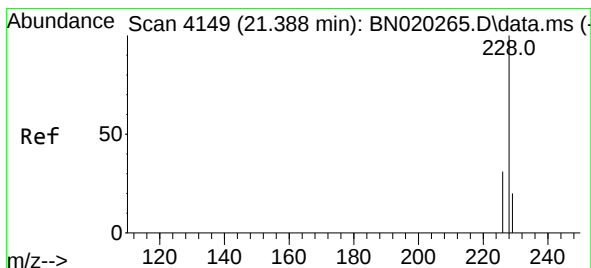
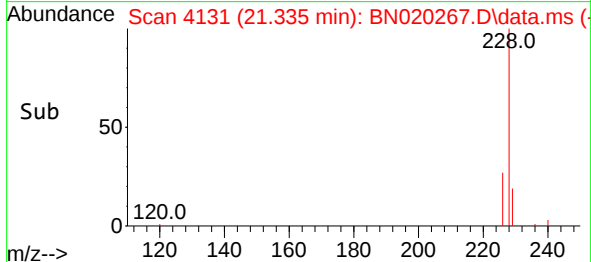
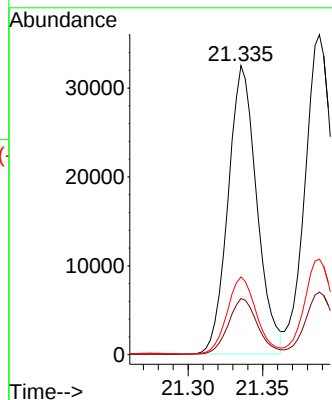
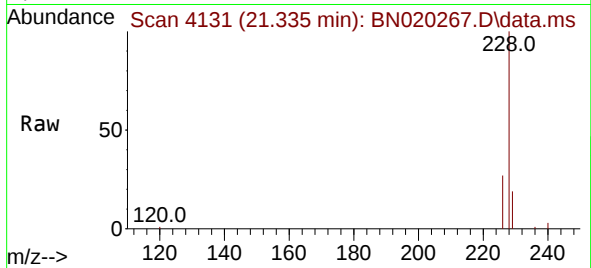




#21
Benzo(a)anthracene
Concen: 1.278 ng/ul
RT: 21.335 min Scan# 4132
Delta R.T. -0.003 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

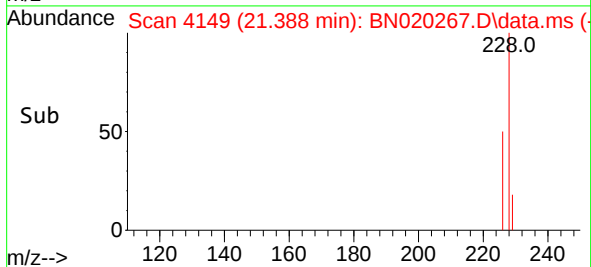
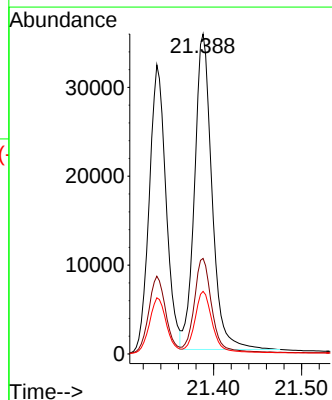
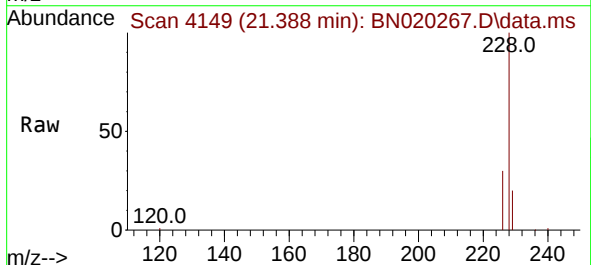
Instrument :
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SSTD1.6206

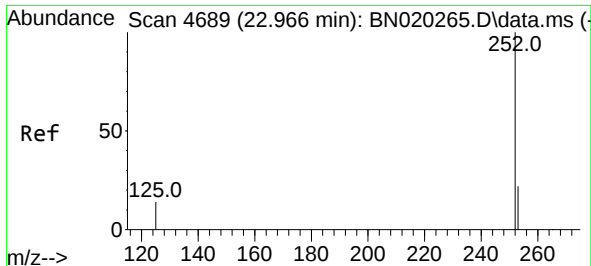
Tgt Ion:228 Resp: 43473
Ion Ratio Lower Upper
228 100
229 19.4 16.0 24.0
226 26.9 21.8 32.6



#22
Chrysene
Concen: 1.277 ng/ul
RT: 21.388 min Scan# 4149
Delta R.T. -0.000 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

Tgt Ion:228 Resp: 49039
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 19.6 16.0 24.0

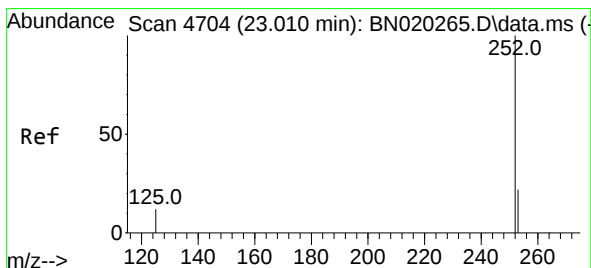
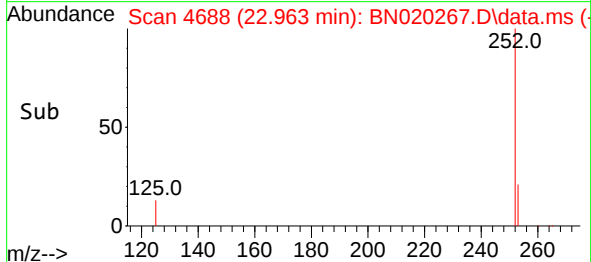
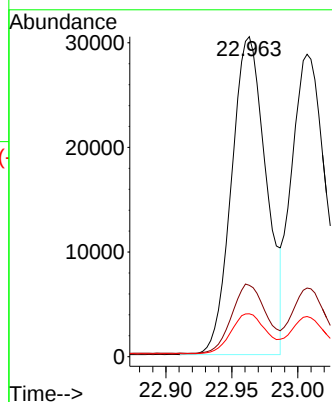
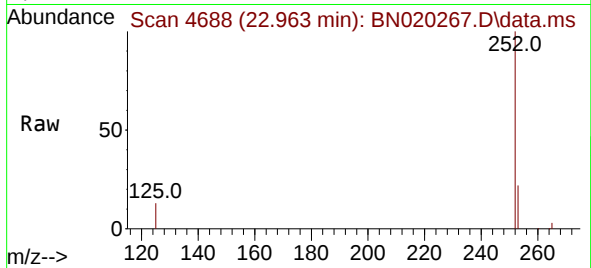




#24
Benzo(b)fluoranthene
Concen: 1.448 ng/ul
RT: 22.963 min Scan# 4688
Delta R.T. -0.003 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

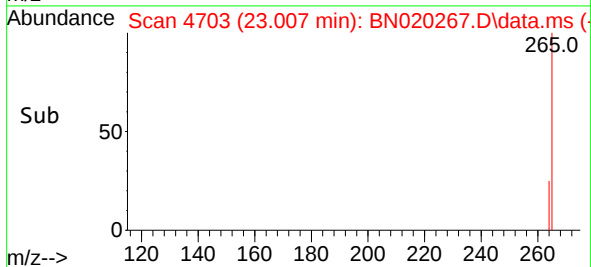
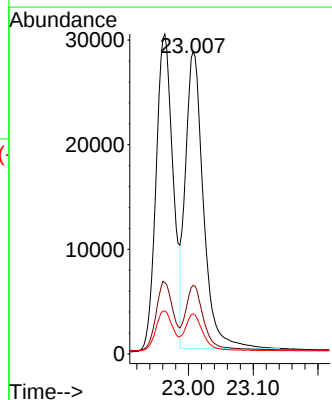
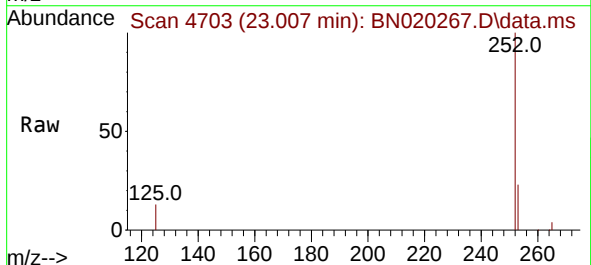
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

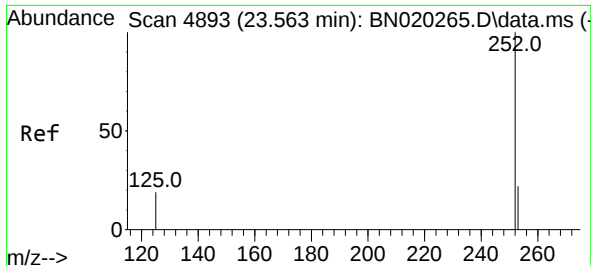
Tgt Ion:252 Resp: 55591
Ion Ratio Lower Upper
252 100
253 22.3 0.0 49.4
125 13.4 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 1.449 ng/ul
RT: 23.007 min Scan# 4703
Delta R.T. -0.003 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

Tgt Ion:252 Resp: 54629
Ion Ratio Lower Upper
252 100
253 22.7 20.2 30.4
125 13.3 12.3 18.5

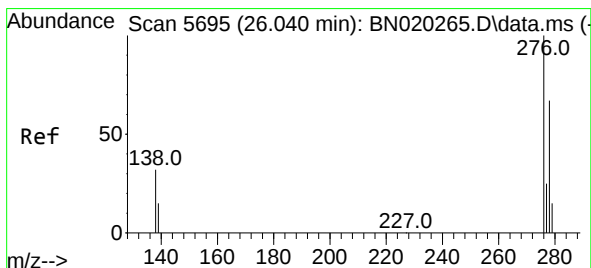
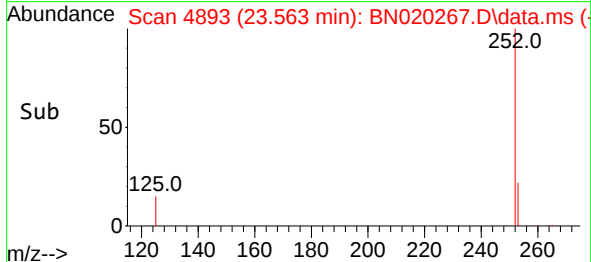
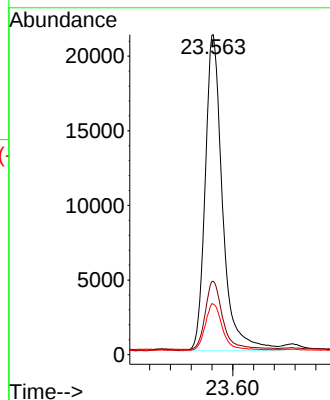
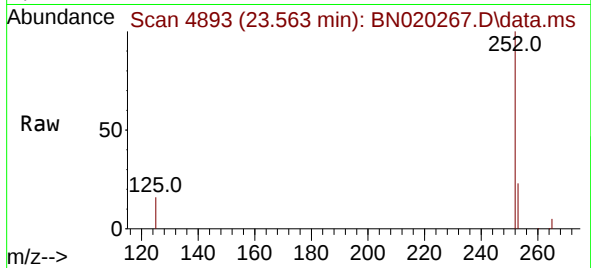




#26
Benzo(a)pyrene
Concen: 1.400 ng/ul
RT: 23.563 min Scan# 4893
Delta R.T. -0.000 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

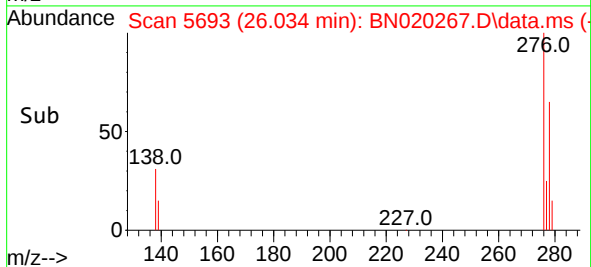
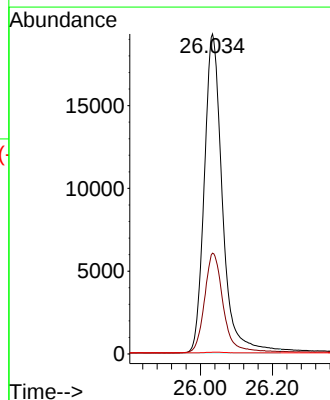
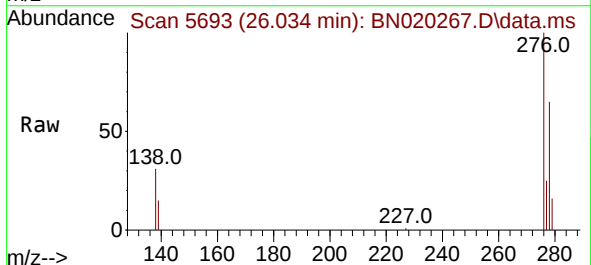
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

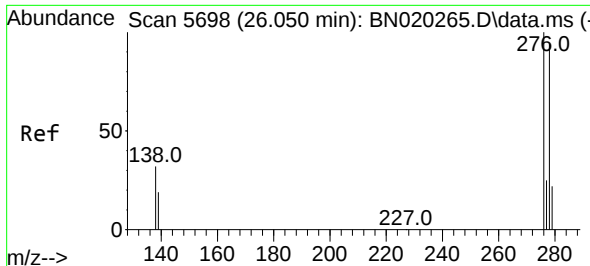
Tgt Ion:252 Resp: 49196
Ion Ratio Lower Upper
252 100
253 23.0 21.7 32.5
125 15.8 18.6 28.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.683 ng/ul
RT: 26.034 min Scan# 5693
Delta R.T. -0.007 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

Tgt Ion:276 Resp: 67391
Ion Ratio Lower Upper
276 100
138 32.3 26.5 39.7
227 0.2 0.0 0.0#

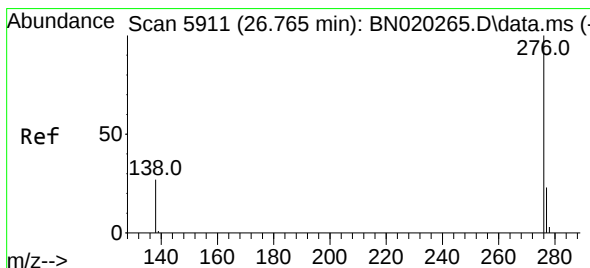
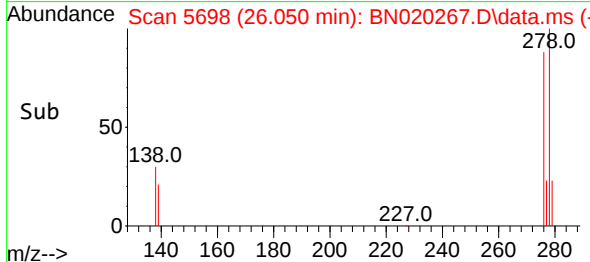
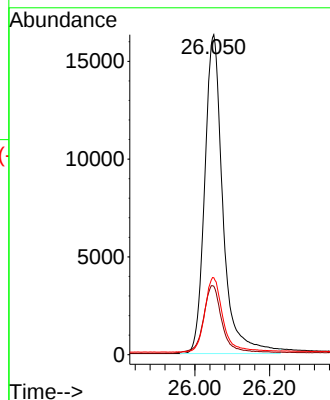
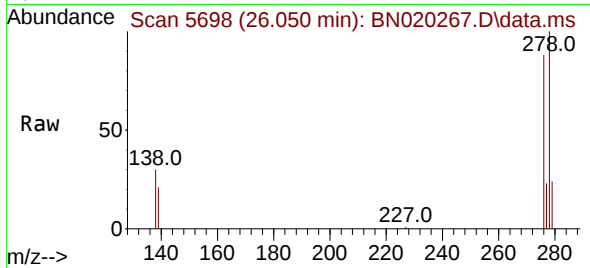




#28
Dibenzo(a,h)anthracene
Concen: 1.688 ng/ul
RT: 26.050 min Scan# 5097
Delta R.T. -0.000 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

Tgt Ion:278 Resp: 55180
Ion Ratio Lower Upper
278 100
139 21.4 18.2 27.2
279 24.0 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 1.741 ng/ul
RT: 26.751 min Scan# 5907
Delta R.T. -0.013 min
Lab File: BN020267.D
Acq: 18 Jun 2022 20:41

Tgt Ion:276 Resp: 59003
Ion Ratio Lower Upper
276 100
138 28.0 23.0 34.4
277 23.8 19.7 29.5

