

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062022\
 Data File : BN020286.D
 Acq On : 20 Jun 2022 19:41
 Operator : CG/JU
 Sample : PB145547BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS547

Quant Time: Jun 21 02:38:40 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)

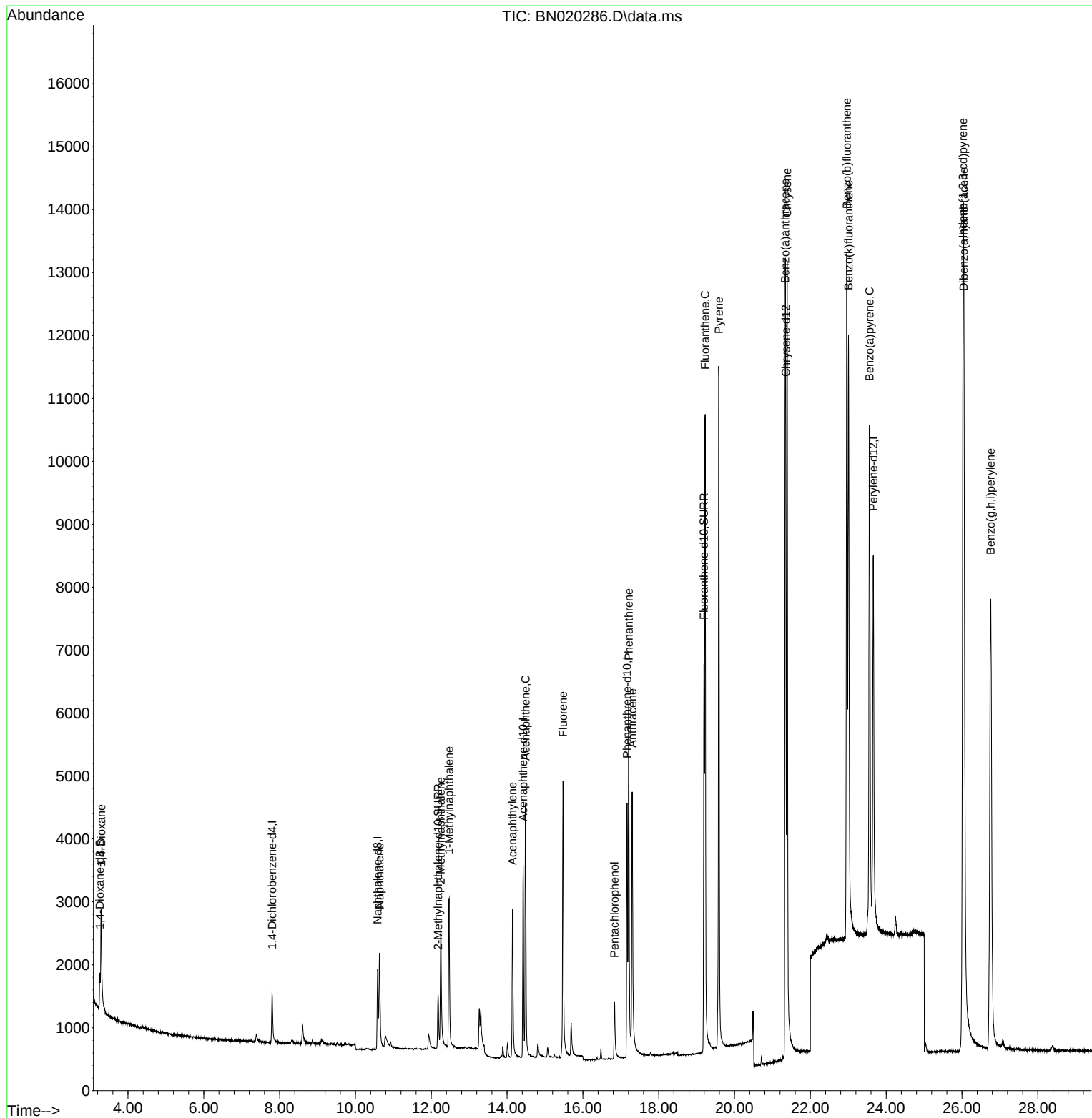
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	567	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	2349	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	1997	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.166	188	5510	0.400	ng/ul	0.00
17) Chrysene-d12	21.352	240	7712	0.400	ng/ul	0.00
23) Perylene-d12	23.661	264	8699	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	504	0.778	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	1535	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	7574	0.476	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.294	88	1192	1.913	ng/ul#	75
5) Naphthalene	10.634	128	2590	0.345	ng/ul	97
7) 2-Methylnaphthalene	12.250	142	1763	0.363	ng/ul	99
8) 1-Methylnaphthalene	12.470	142	1980	0.414	ng/ul	99
10) Acenaphthylene	14.146	152	3467	0.363	ng/ul	99
11) Acenaphthene	14.488	153	2749	0.301	ng/ul	98
12) Fluorene	15.473	166	3514	0.372	ng/ul	99
14) Pentachlorophenol	16.833	266	822	0.777	ng/ul	99
15) Phenanthrene	17.208	178	6977	0.350	ng/ul	100
16) Anthracene	17.301	178	5955	0.353	ng/ul	99
19) Fluoranthene	19.225	202	9768	0.314	ng/ul	98
20) Pyrene	19.587	202	10586	0.314	ng/ul	97
21) Benzo(a)anthracene	21.334	228	10566	0.353	ng/ul	99
22) Chrysene	21.387	228	12106	0.325	ng/ul	99
24) Benzo(b)fluoranthene	22.962	252	14658	0.236	ng/ul	97
25) Benzo(k)fluoranthene	23.006	252	14170	0.245	ng/ul	97
26) Benzo(a)pyrene	23.558	252	14071	0.357	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.029	276	19283	0.301	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.045	278	15503	0.303	ng/ul	99
29) Benzo(g,h,i)perylene	26.760	276	17434	0.308	ng/ul	99

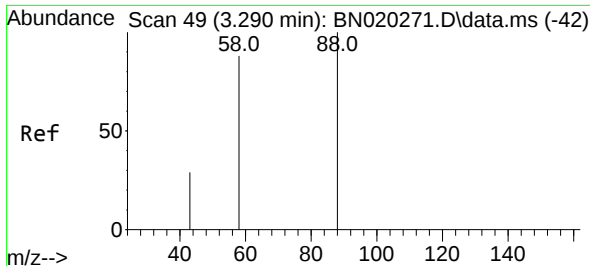
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN020286.D
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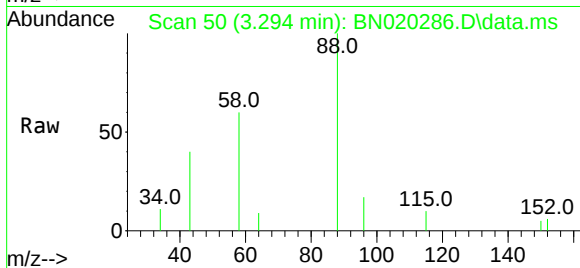
Quant Time: Jun 21 02:38:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:13:51 2022
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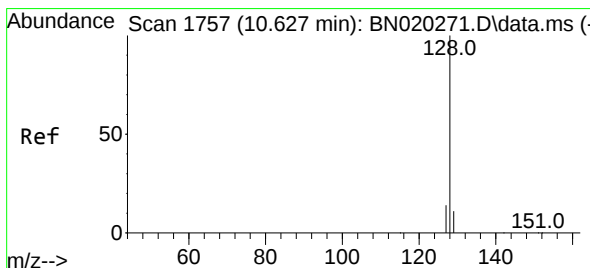
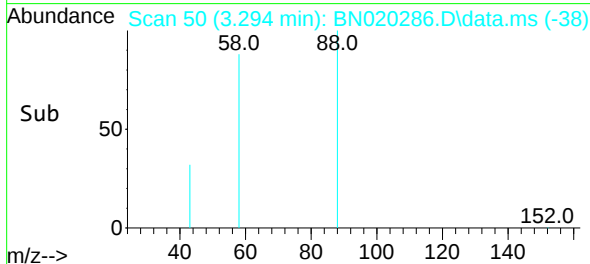
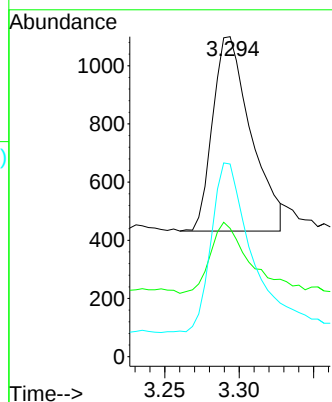


#2
 1,4-Dioxane
 Concen: 1.913 ng/ul
 RT: 3.294 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BN020286.D
 Acq: 20 Jun 2022 19:41

Instrument :
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 ClientSampleId :
 SLCS547

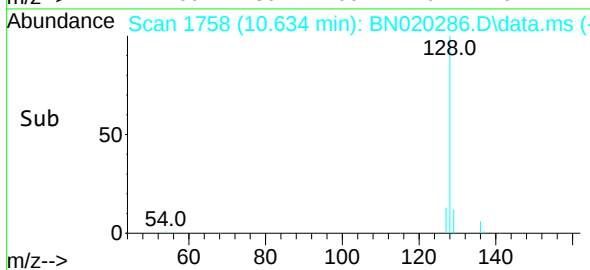
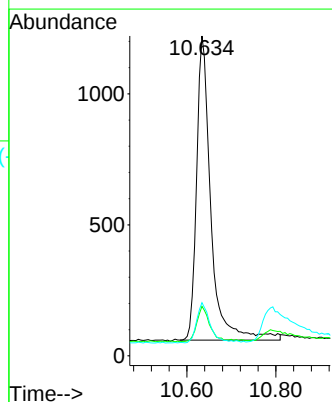
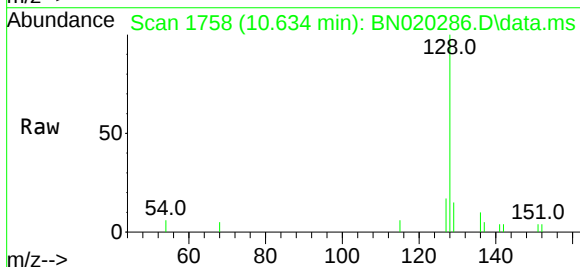


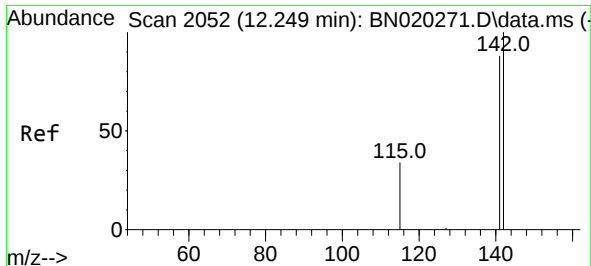
Tgt Ion: 88 Resp: 1192
 Ion Ratio Lower Upper
 88 100
 43 40.1 31.6 47.4
 58 60.2 23.8 35.6#



#5
 Naphthalene
 Concen: 0.345 ng/ul
 RT: 10.634 min Scan# 1758
 Delta R.T. -0.000 min
 Lab File: BN020286.D
 Acq: 20 Jun 2022 19:41

Tgt Ion: 128 Resp: 2590
 Ion Ratio Lower Upper
 128 100
 129 15.5 11.0 16.4
 127 16.6 12.8 19.2

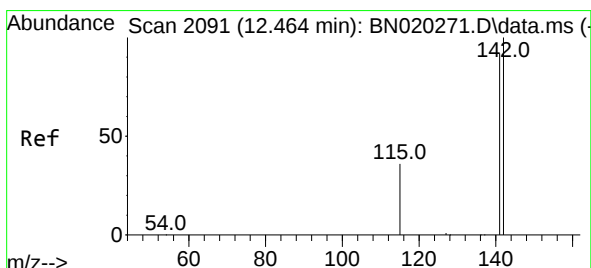
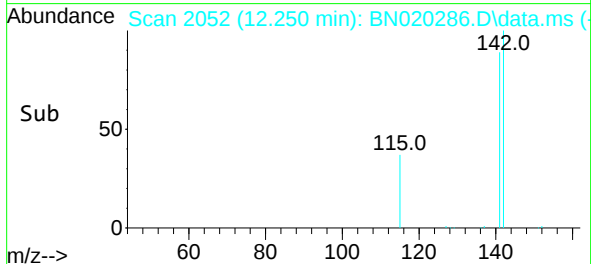
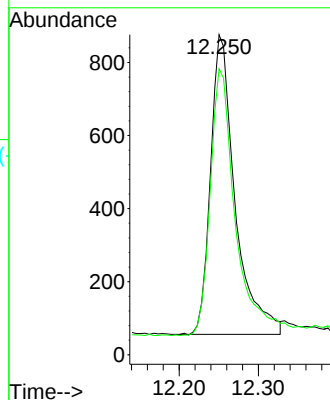
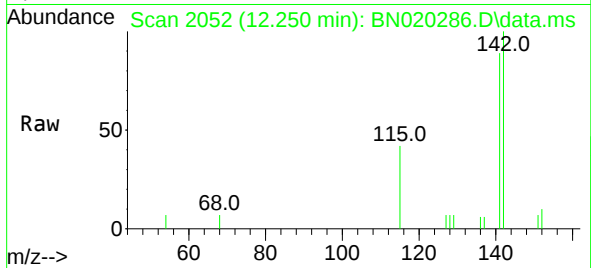




#7
2-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.250 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

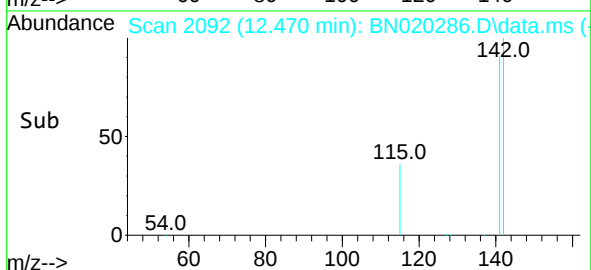
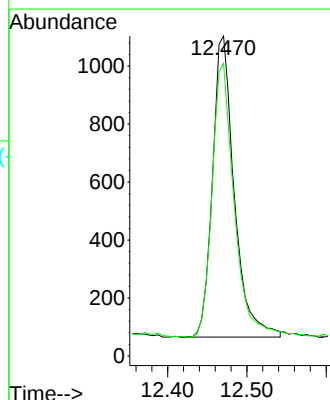
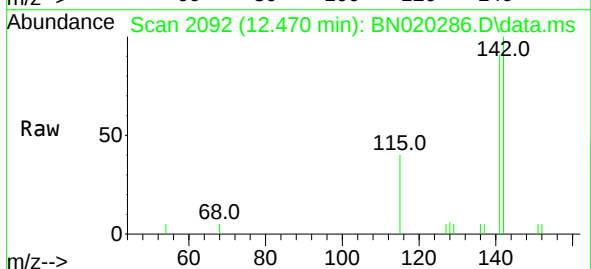
Instrument :
BNA_N
ClientSampleId :
SLCS547

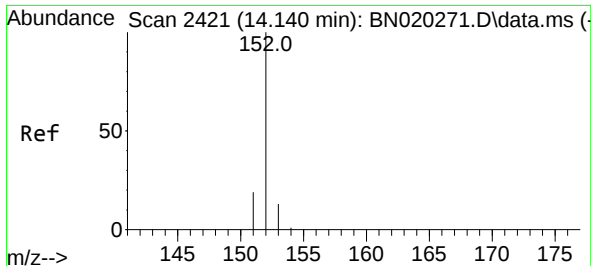
Tgt Ion:142 Resp: 1763
Ion Ratio Lower Upper
142 100
141 90.7 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. 0.005 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

Tgt Ion:142 Resp: 1980
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.0

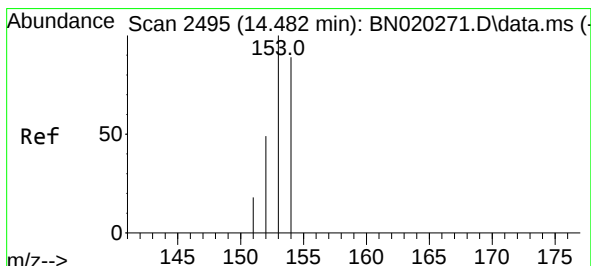
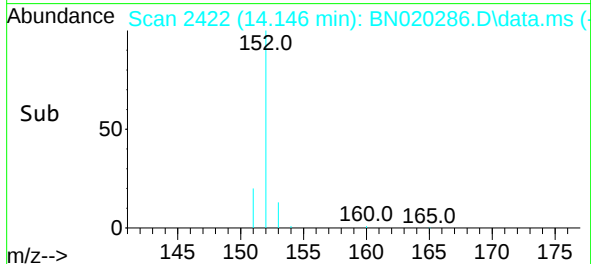
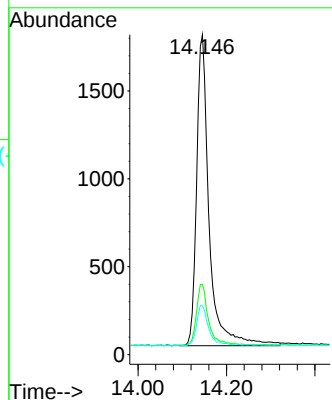
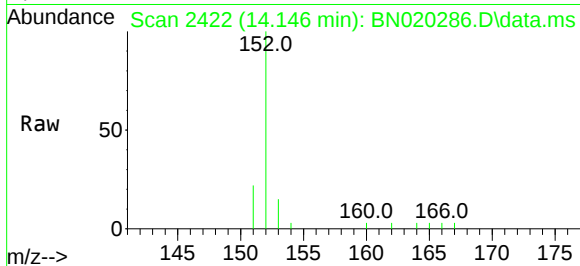




#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 14.146 min Scan# 2421
Delta R.T. 0.005 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

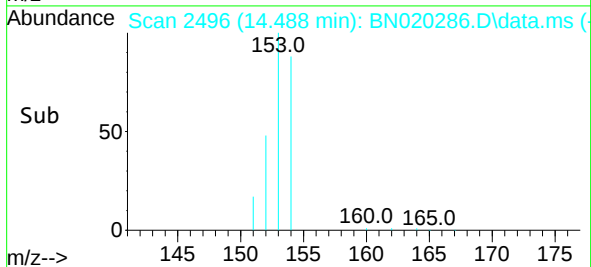
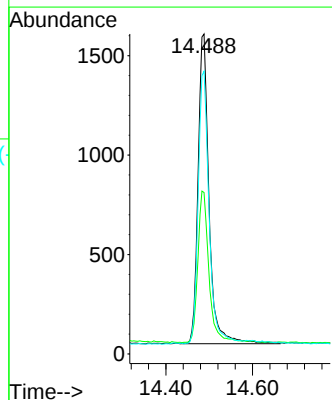
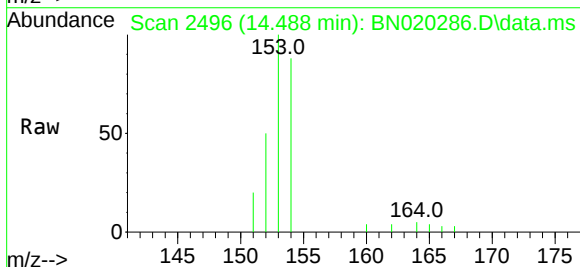
Instrument :
BNA_N
ClientSampleId :
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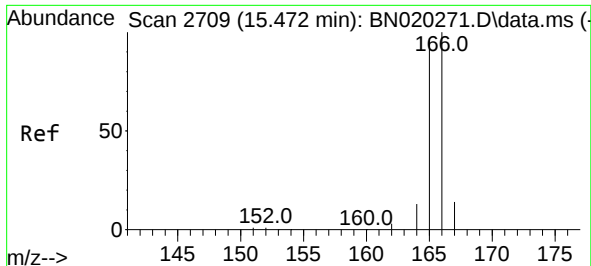
Tgt Ion:152 Resp: 3467
Ion Ratio Lower Upper
152 100
151 22.0 17.2 25.8
153 15.2 11.7 17.5



#11
Acenaphthene
Concen: 0.301 ng/ul
RT: 14.488 min Scan# 2496
Delta R.T. 0.005 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

Tgt Ion:153 Resp: 2749
Ion Ratio Lower Upper
153 100
152 50.5 39.9 59.9
154 88.4 69.2 103.8

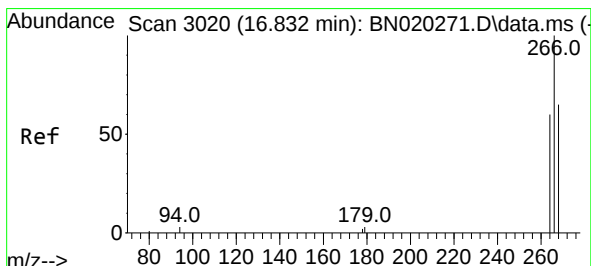
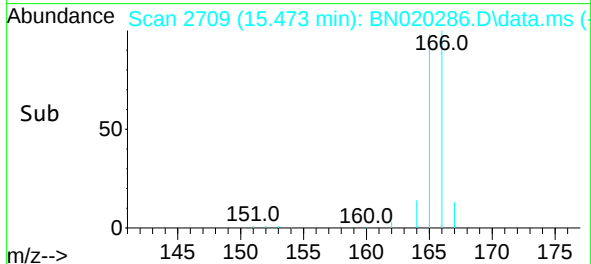
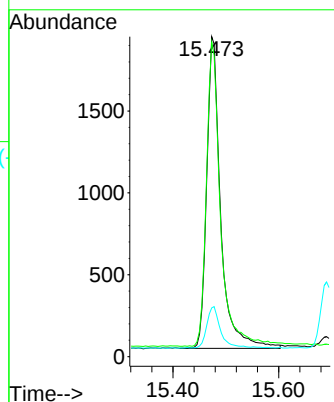
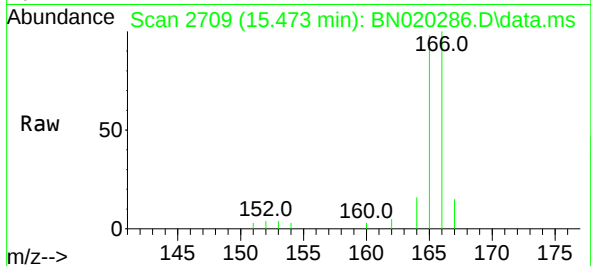




#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.473 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

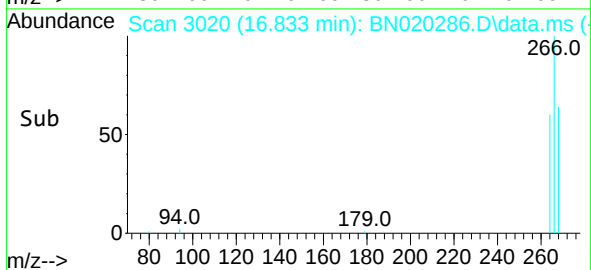
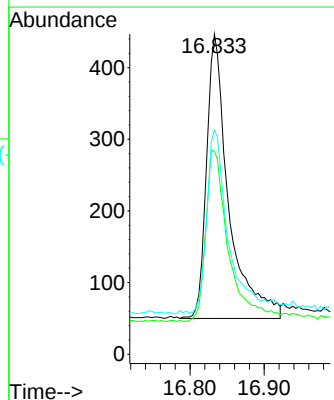
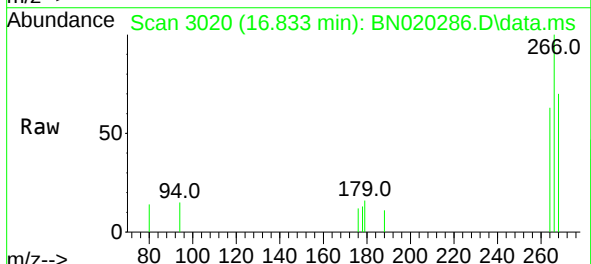
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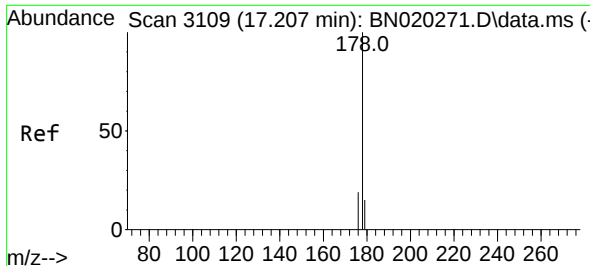
Tgt Ion:166 Resp: 3514
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.4
167 15.3 12.1 18.1



#14
Pentachlorophenol
Concen: 0.777 ng/ul
RT: 16.833 min Scan# 3020
Delta R.T. -0.004 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

Tgt Ion:266 Resp: 822
Ion Ratio Lower Upper
266 100
264 62.2 49.8 74.8
268 63.5 51.8 77.6

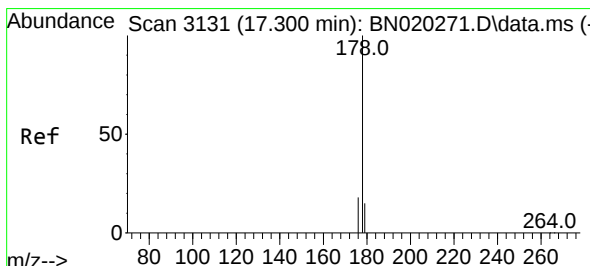
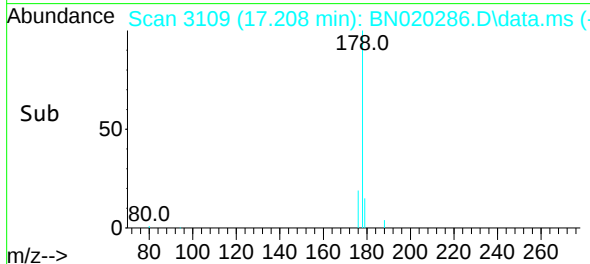
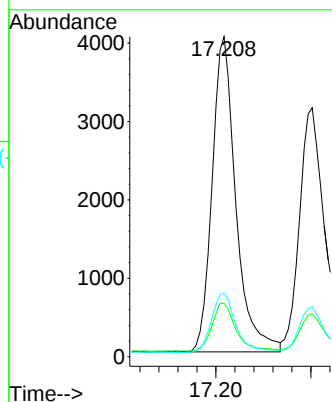
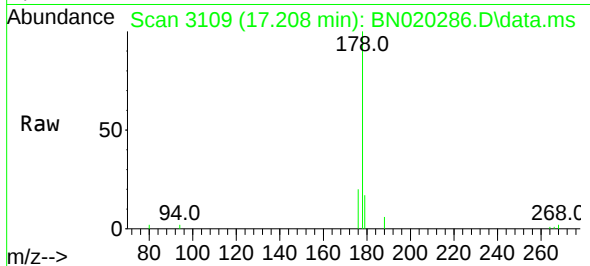




#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 17.208 min Scan# 3109
Delta R.T. 0.004 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

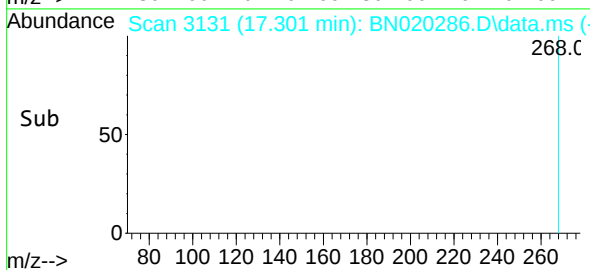
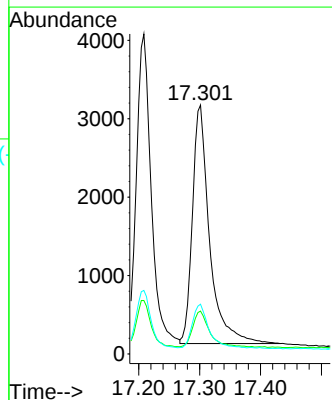
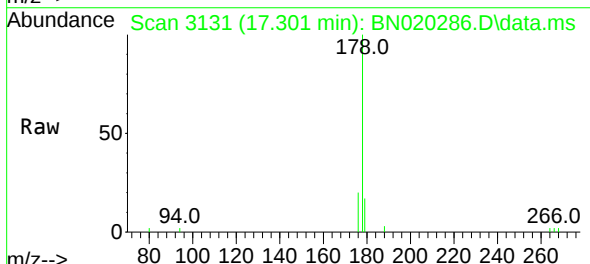
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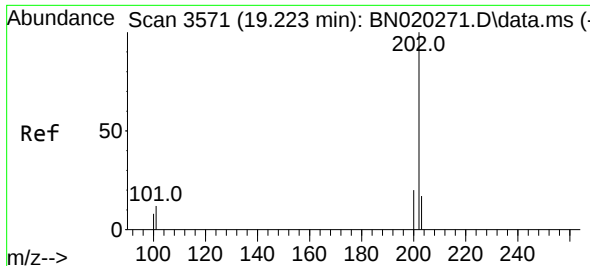
Tgt Ion:178 Resp: 6977
Ion Ratio Lower Upper
178 100
179 16.7 13.4 20.0
176 19.9 15.8 23.6



#16
Anthracene
Concen: 0.353 ng/ul
RT: 17.301 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

Tgt Ion:178 Resp: 5955
Ion Ratio Lower Upper
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179 17.3 13.8 20.8
176 20.0 15.6 23.4

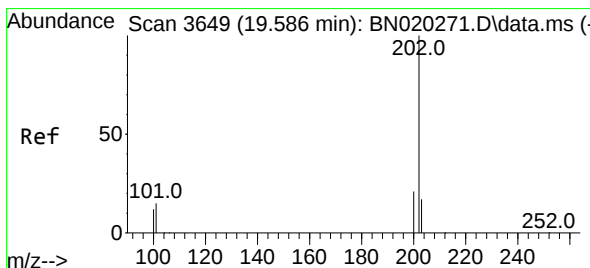
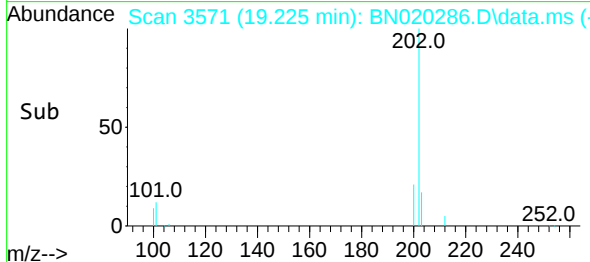
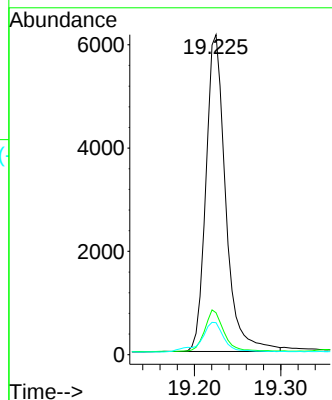
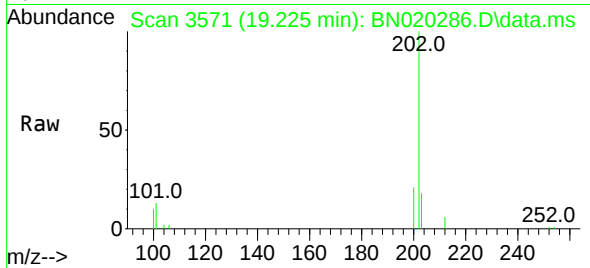




#19
Fluoranthene
Concen: 0.314 ng/ul
RT: 19.225 min Scan# 3571
Delta R.T. -0.000 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

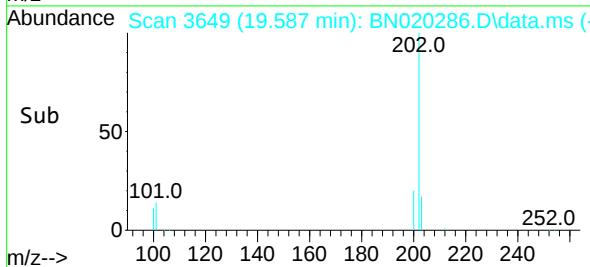
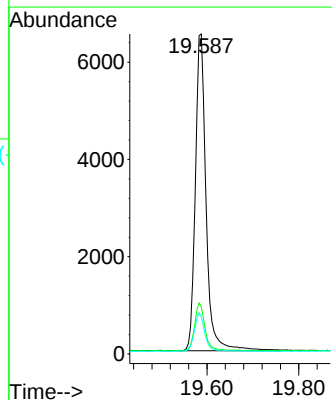
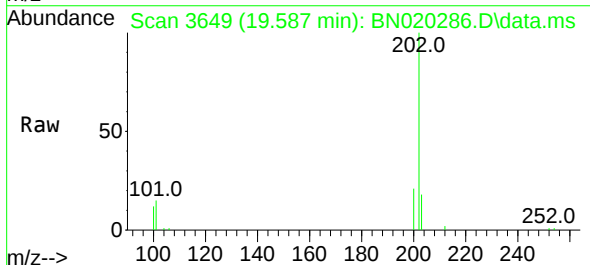
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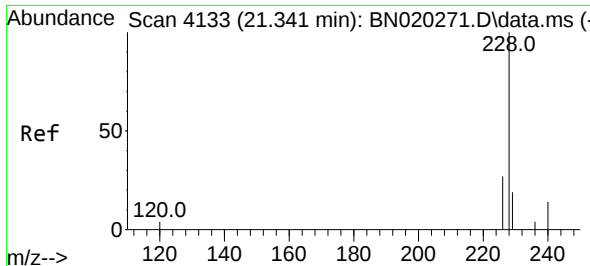
Tgt Ion:202 Resp: 9768
Ion Ratio Lower Upper
202 100
101 13.1 9.9 14.9
100 10.0 7.6 11.4



#20
Pyrene
Concen: 0.314 ng/ul
RT: 19.587 min Scan# 3649
Delta R.T. 0.005 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

Tgt Ion:202 Resp: 10586
Ion Ratio Lower Upper
202 100
101 14.7 12.6 19.0
100 11.6 10.3 15.5

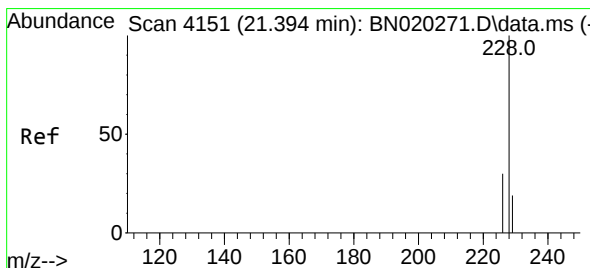
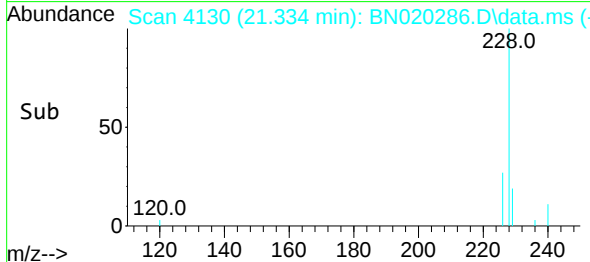
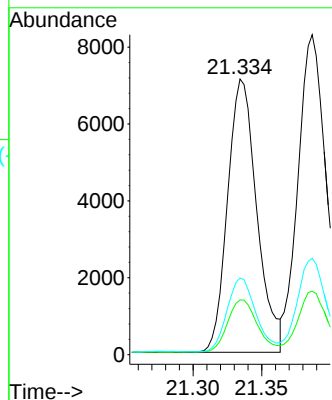
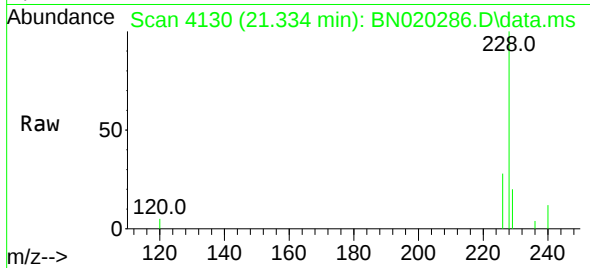




#21
Benzo(a)anthracene
Concen: 0.353 ng/ul
RT: 21.334 min Scan# 4133
Delta R.T. -0.004 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

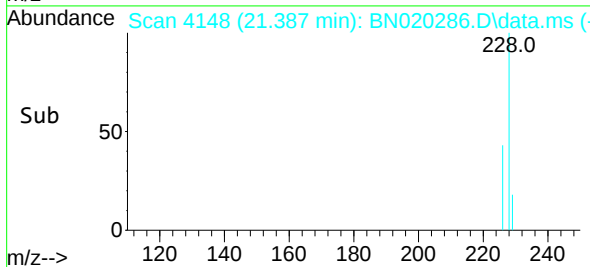
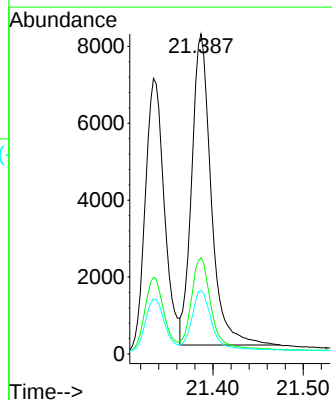
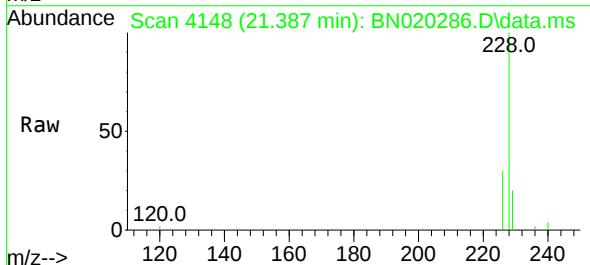
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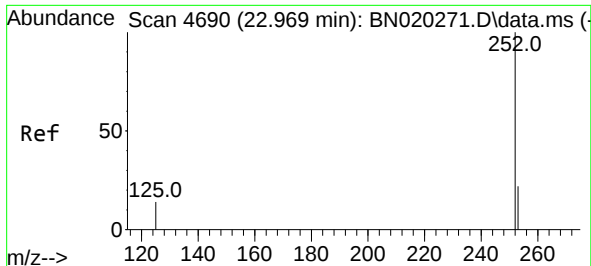
Tgt Ion:228	Resp:	10566
Ion Ratio	Lower	Upper
228	100	
229	19.9	16.0 24.0
226	27.8	21.8 32.6



#22
Chrysene
Concen: 0.325 ng/ul
RT: 21.387 min Scan# 4148
Delta R.T. -0.001 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

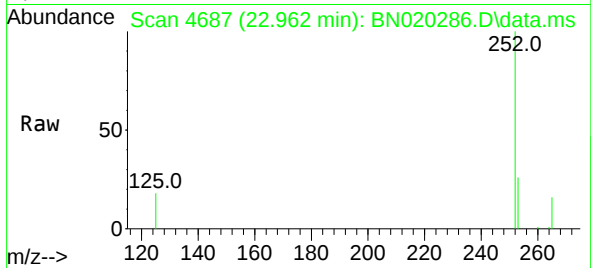
Tgt Ion:228	Resp:	12106
Ion Ratio	Lower	Upper
228	100	
226	30.1	24.7 37.1
229	19.9	16.0 24.0



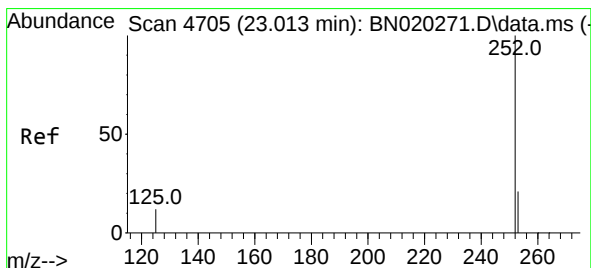
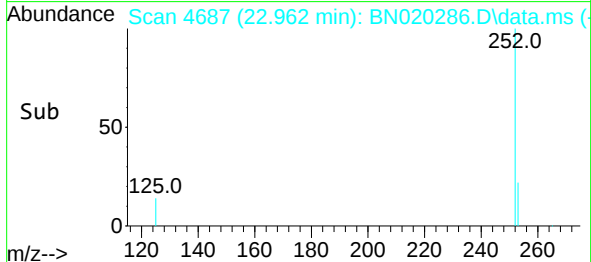
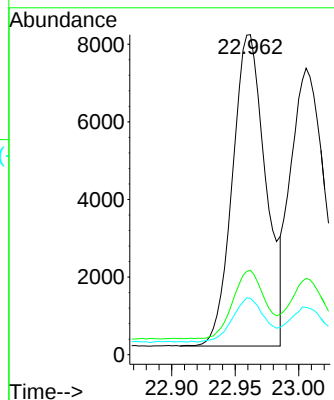


#24
Benzo(b)fluoranthene
Concen: 0.236 ng/ul
RT: 22.962 min Scan# 4687
Delta R.T. -0.004 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

Instrument :
BNA_N
ClientSampleId :
SLCS547

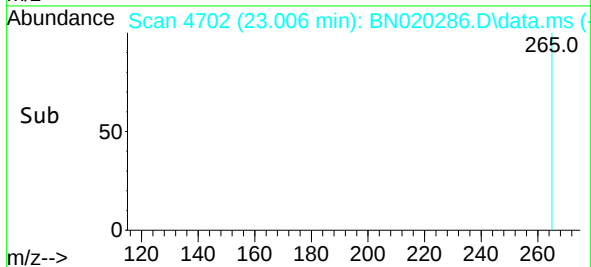
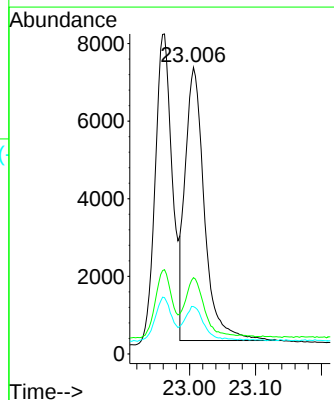
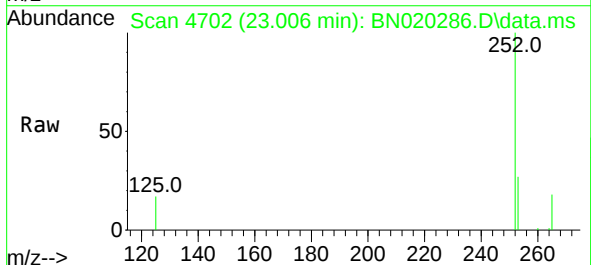


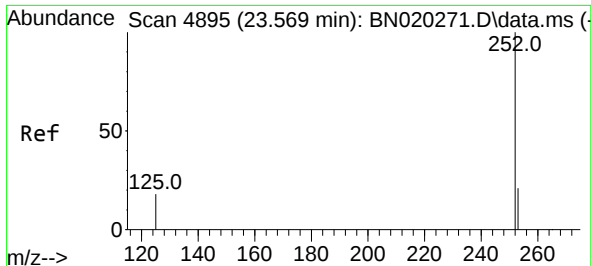
Tgt Ion:252 Resp: 14658
Ion Ratio Lower Upper
252 100
253 26.3 0.0 49.4
125 17.6 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.245 ng/ul
RT: 23.006 min Scan# 4702
Delta R.T. -0.004 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

Tgt Ion:252 Resp: 14170
Ion Ratio Lower Upper
252 100
253 26.6 20.2 30.4
125 16.5 12.3 18.5

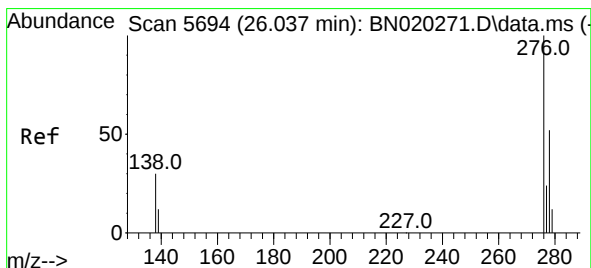
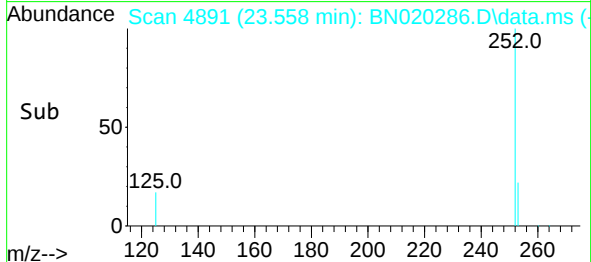
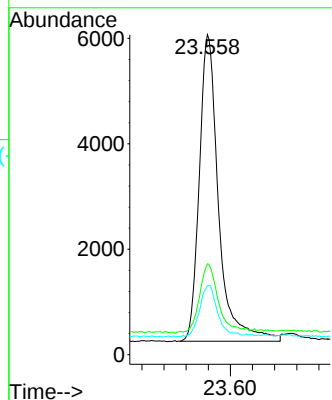
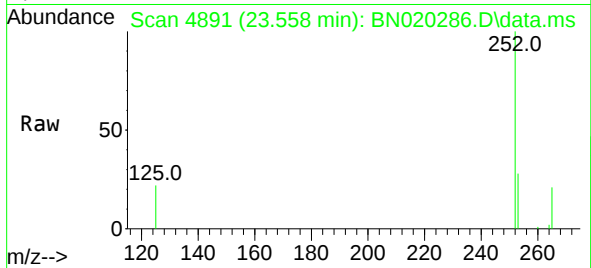




#26
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.558 min Scan# 4891
Delta R.T. -0.004 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

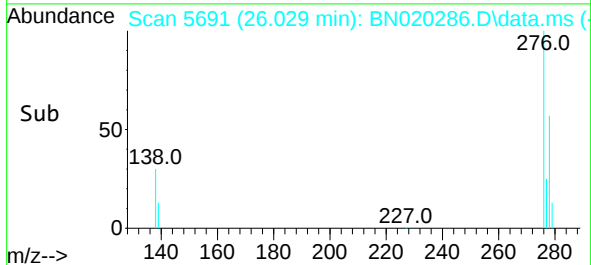
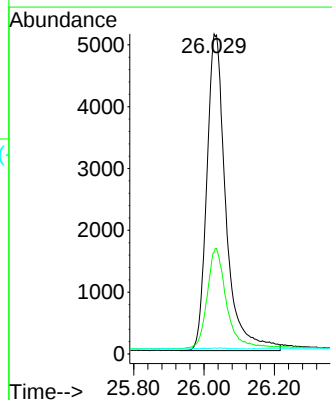
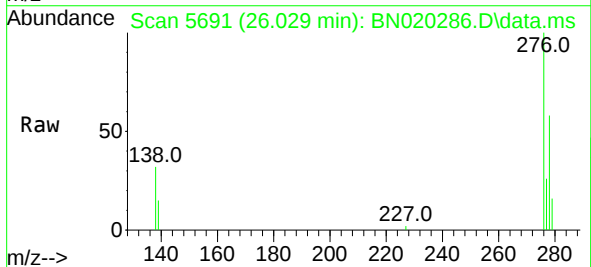
Instrument :
BNA_N
ClientSampleId :
SLCS547

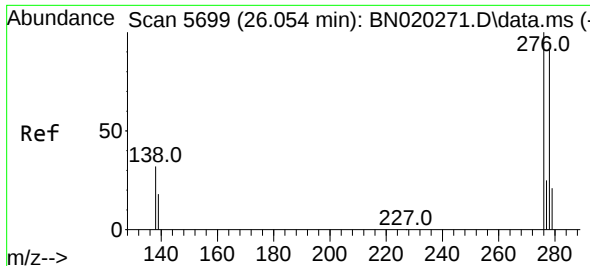
Tgt Ion:252 Resp: 14071
Ion Ratio Lower Upper
252 100
253 28.4 21.7 32.5
125 21.6 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.301 ng/ul
RT: 26.029 min Scan# 5691
Delta R.T. -0.012 min
Lab File: BN020286.D
Acq: 20 Jun 2022 19:41

Tgt Ion:276 Resp: 19283
Ion Ratio Lower Upper
276 100
138 32.5 26.5 39.7
227 0.1 0.0 0.0#

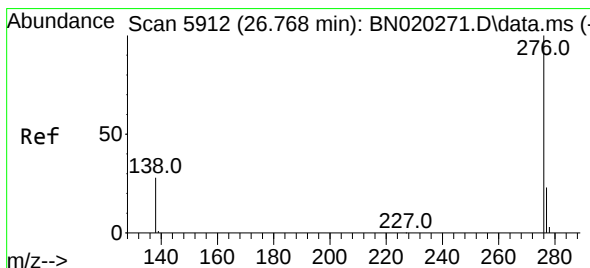
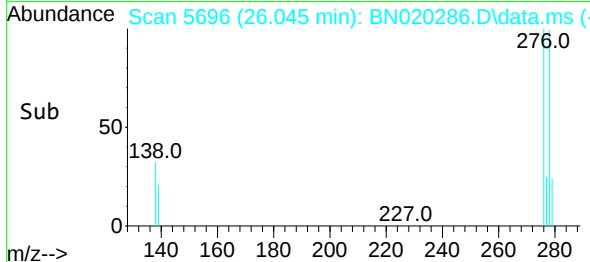
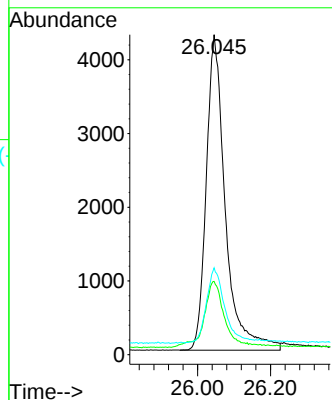
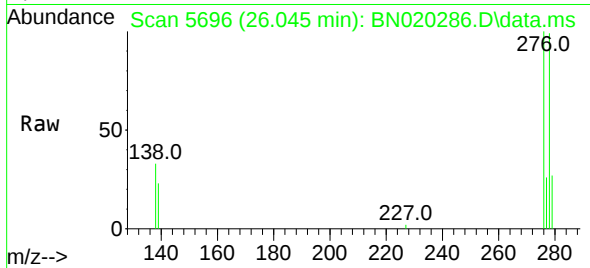




#28
 Dibenzo(a,h)anthracene
 Concen: 0.303 ng/ul
 RT: 26.045 min Scan# 51
 Delta R.T. -0.005 min
 Lab File: BN020286.D
 Acq: 20 Jun 2022 19:41

Instrument :
 BNA_N
 ClientSampleId :
 SLCS547

Tgt Ion:278 Resp: 15503
 Ion Ratio Lower Upper
 278 100
 139 22.9 18.2 27.2
 279 27.1 20.8 31.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.308 ng/ul
 RT: 26.760 min Scan# 5909
 Delta R.T. -0.005 min
 Lab File: BN020286.D
 Acq: 20 Jun 2022 19:41

Tgt Ion:276 Resp: 17434
 Ion Ratio Lower Upper
 276 100
 138 29.4 23.0 34.4
 277 25.2 19.7 29.5

