

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090822\
 Data File : BN021641.D
 Acq On : 08 Sep 2022 12:16
 Operator : CG/JU
 Sample : SST0.843
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8247

Quant Time: Sep 08 13:41:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 13:38:06 2022
 Response via : Initial Calibration

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

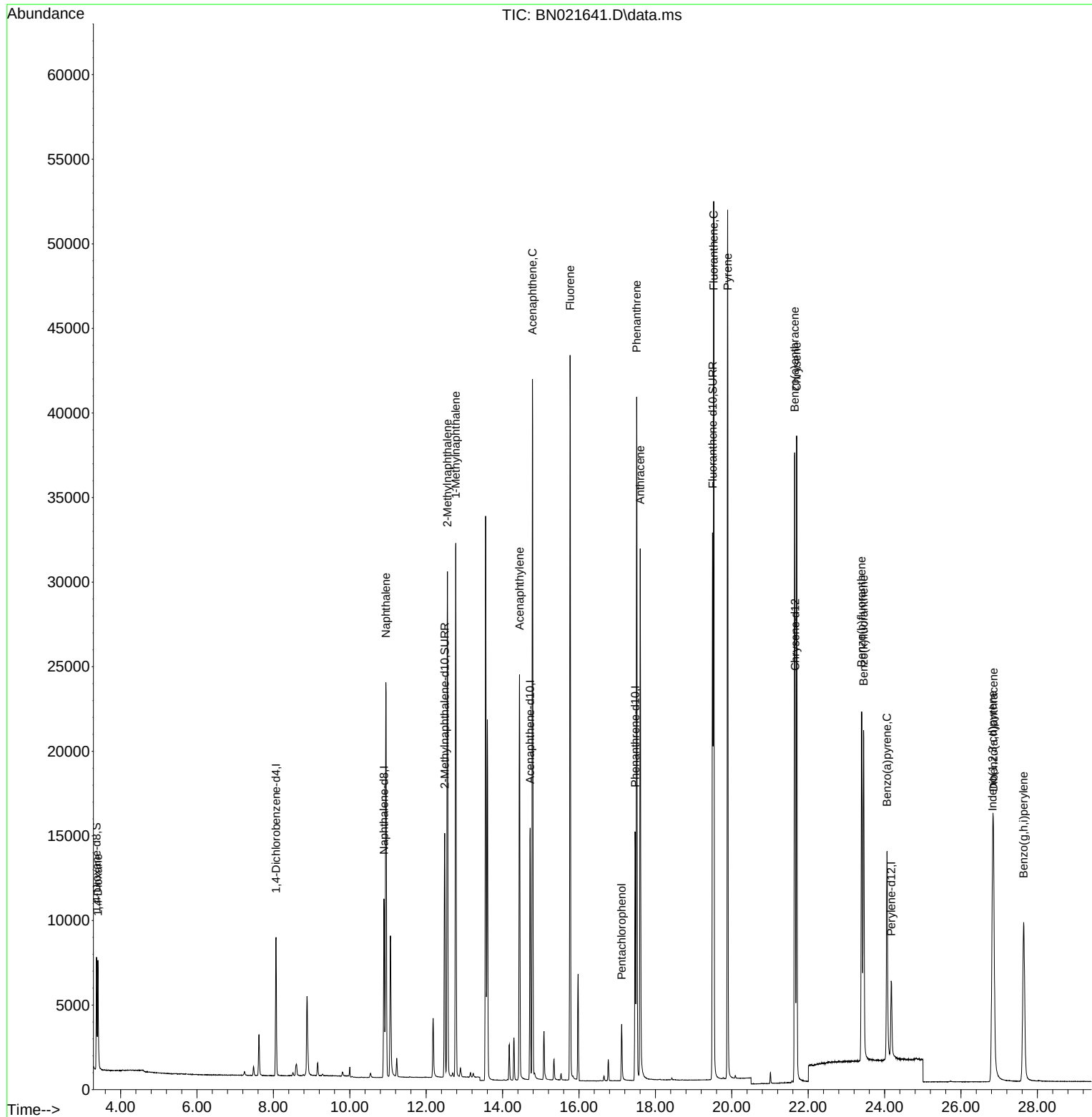
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	4372	0.400	ng/ul	0.00
4) Naphthalene-d8	10.894	136	14124	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.721	164	8190	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	16640	0.400	ng/ul	0.00
17) Chrysene-d12	21.659	240	11539	0.400	ng/ul	# 0.00
23) Perylene-d12	24.173	264	7105	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	4413	0.782	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.483	152	18531	0.867	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	34727	0.977	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	4486	0.759	ng/ul	88
5) Naphthalene	10.944	128	32448	0.726	ng/ul	97
7) 2-Methylnaphthalene	12.555	142	21273	0.760	ng/ul	98
8) 1-Methylnaphthalene	12.775	142	21935	0.836	ng/ul	99
10) Acenaphthylene	14.444	152	28129	0.665	ng/ul	98
11) Acenaphthene	14.781	153	23724	0.733	ng/ul	99
12) Fluorene	15.767	166	26788	0.741	ng/ul	99
14) Pentachlorophenol	17.118	266	2485	1.352	ng/ul	99
15) Phenanthrene	17.510	178	42841	0.694	ng/ul	99
16) Anthracene	17.603	178	36360	0.736	ng/ul	98
19) Fluoranthene	19.524	202	44214	0.808	ng/ul	97
20) Pyrene	19.892	202	42873	0.783	ng/ul	97
21) Benzo(a)anthracene	21.644	228	31690	0.792	ng/ul	99
22) Chrysene	21.697	228	33928	0.660	ng/ul	99
24) Benzo(b)fluoranthene	23.398	252	28354	0.929	ng/ul	98
25) Benzo(k)fluoranthene	23.451	252	28345	0.863	ng/ul	97
26) Benzo(a)pyrene	24.065	252	21229	0.738	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.824	276	24090	0.714	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.851	278	20602	0.742	ng/ul	95
29) Benzo(g,h,i)perylene	27.639	276	22444	0.669	ng/ul	97

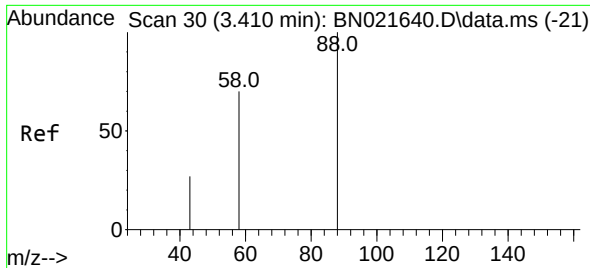
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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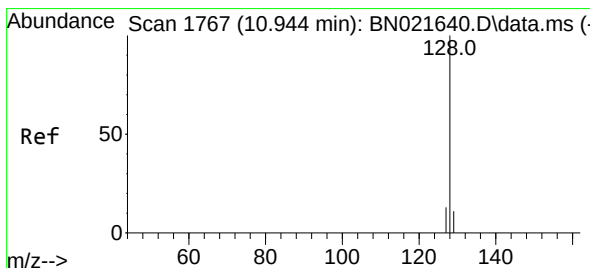
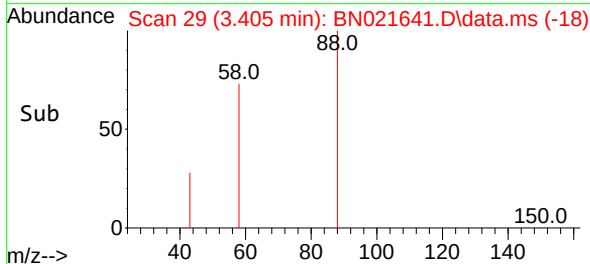
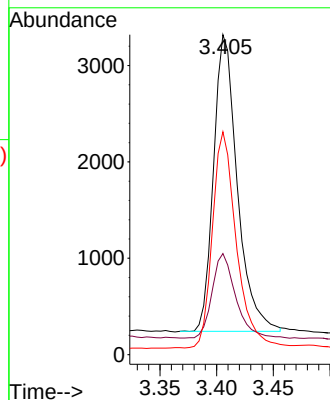
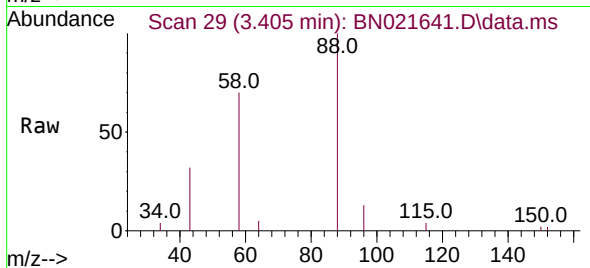




#2
 1,4-Dioxane
 Concen: 0.759 ng/ul
 RT: 3.405 min Scan# 29
 Delta R.T. -0.004 min
 Lab File: BN021641.D
 Acq: 08 Sep 2022 12:16

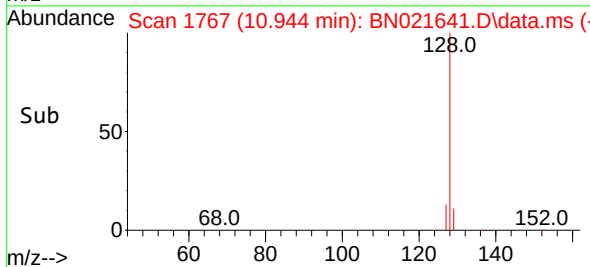
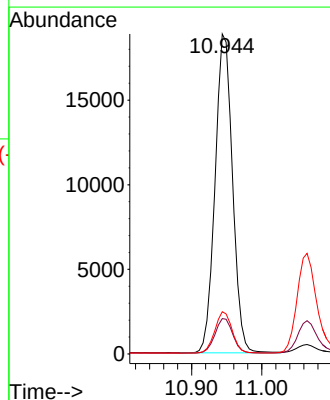
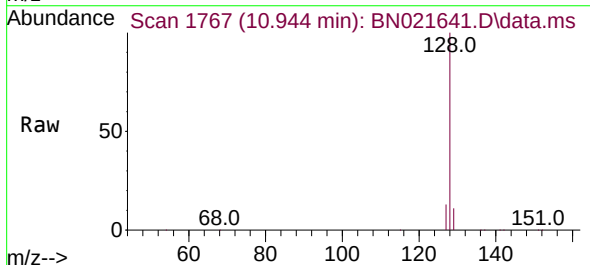
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.8247

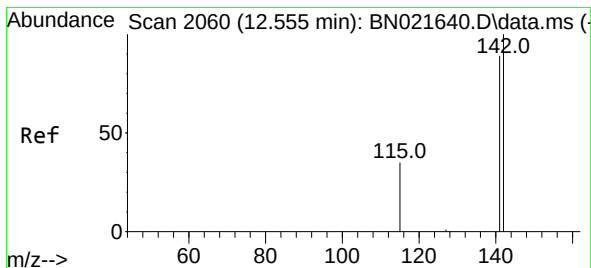
Tgt Ion: 88 Resp: 4486
 Ion Ratio Lower Upper
 88 100
 43 31.6 31.4 47.0
 58 69.7 49.0 73.6



#5
 Naphthalene
 Concen: 0.726 ng/ul
 RT: 10.944 min Scan# 1767
 Delta R.T. 0.000 min
 Lab File: BN021641.D
 Acq: 08 Sep 2022 12:16

Tgt Ion: 128 Resp: 32448
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.8 14.6
 127 13.2 11.6 17.4

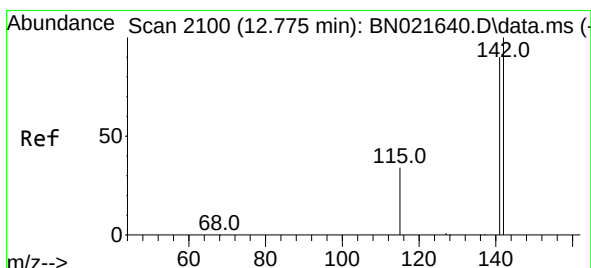
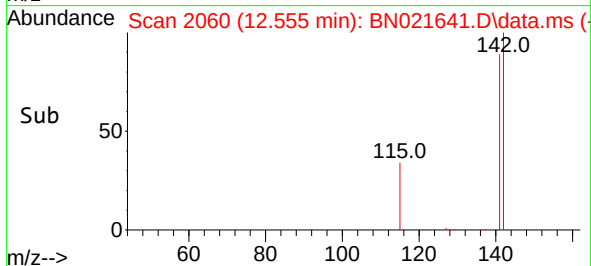
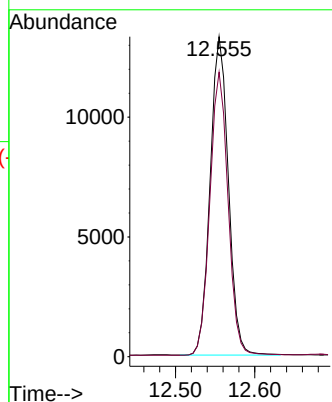
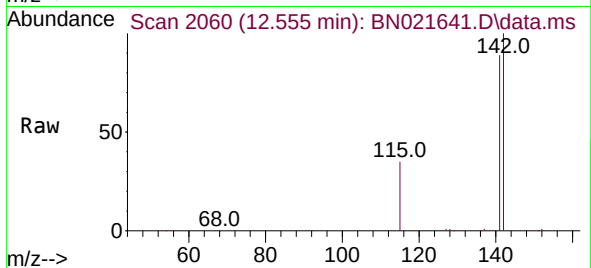




#7
2-Methylnaphthalene
Concen: 0.760 ng/ul
RT: 12.555 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

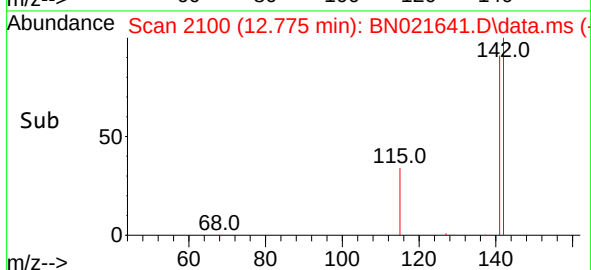
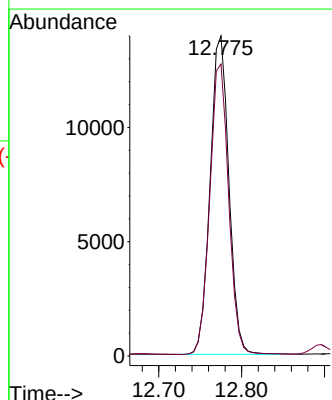
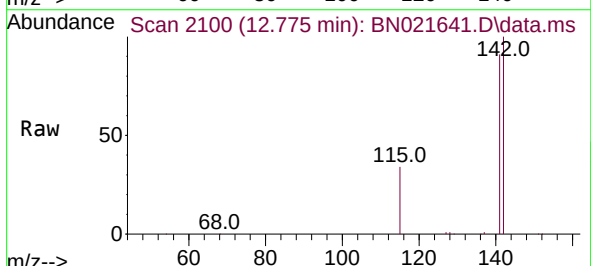
Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

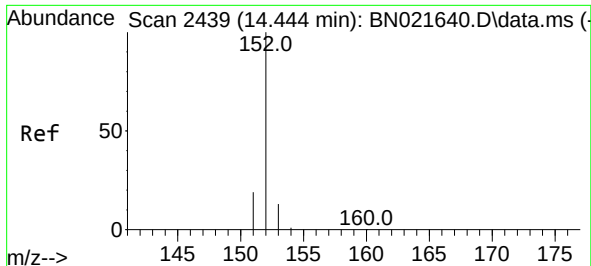
Tgt Ion:142 Resp: 21273
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.836 ng/ul
RT: 12.775 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

Tgt Ion:142 Resp: 21935
Ion Ratio Lower Upper
142 100
141 91.9 73.9 110.9

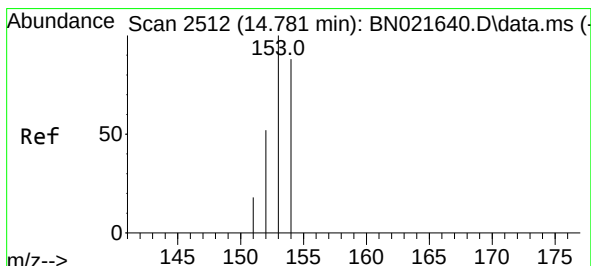
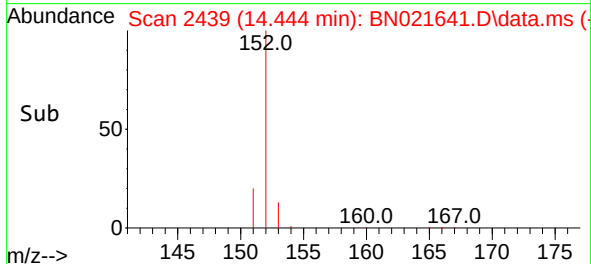
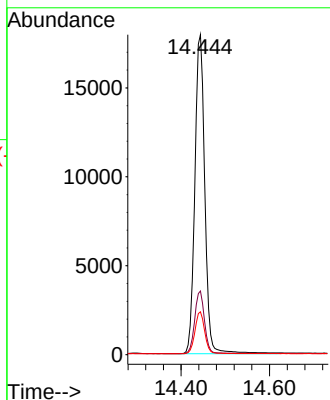
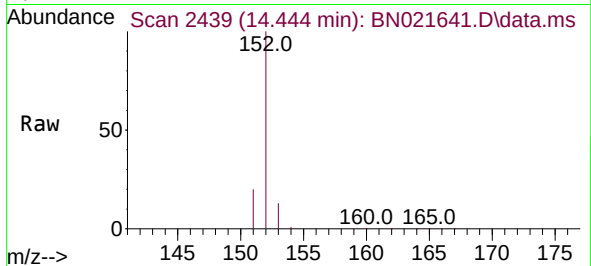




#10
Acenaphthylene
Concen: 0.665 ng/ul
RT: 14.444 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

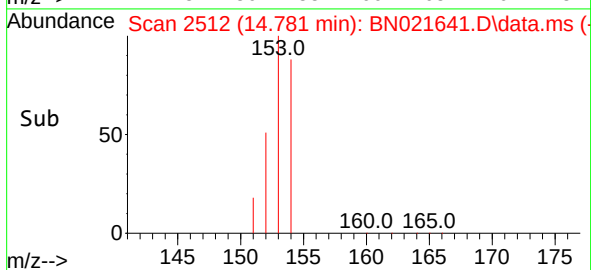
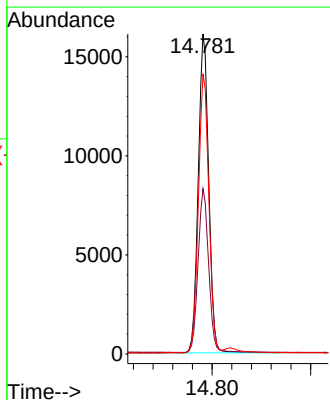
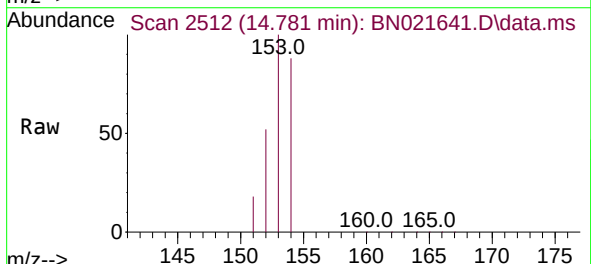
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SSTD0.8247

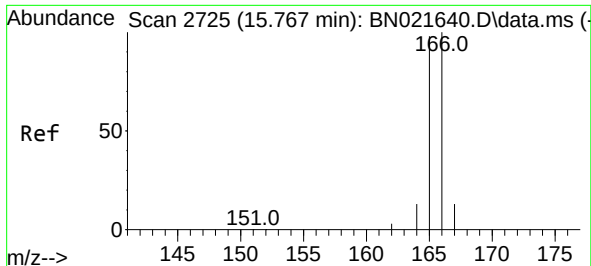
Tgt Ion:152 Resp: 28129
Ion Ratio Lower Upper
152 100
151 19.9 16.9 25.3
153 13.4 11.2 16.8



#11
Acenaphthene
Concen: 0.733 ng/ul
RT: 14.781 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

Tgt Ion:153 Resp: 23724
Ion Ratio Lower Upper
153 100
152 51.7 40.2 60.4
154 87.5 70.7 106.1

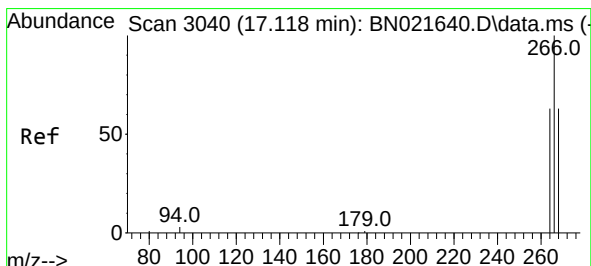
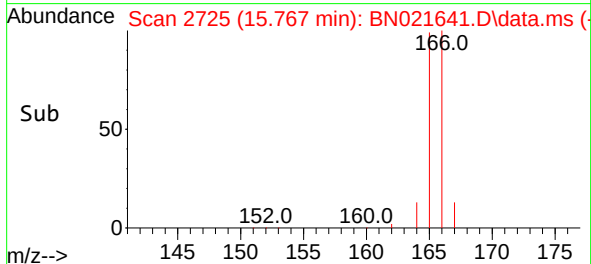
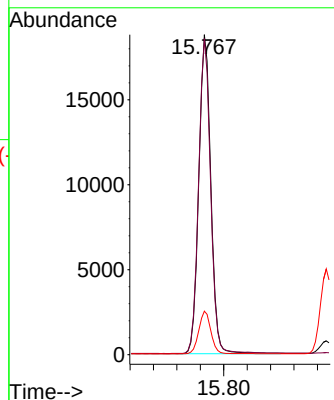
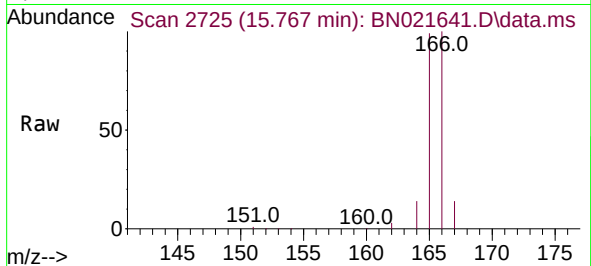




#12
 Fluorene
 Concen: 0.741 ng/ul
 RT: 15.767 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN021641.D
 Acq: 08 Sep 2022 12:16

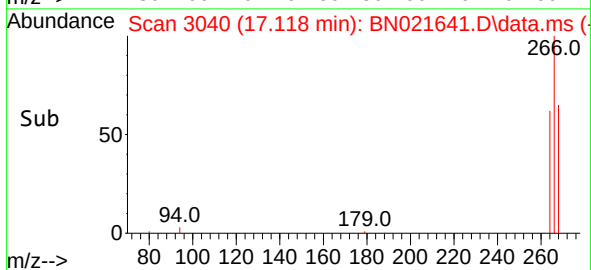
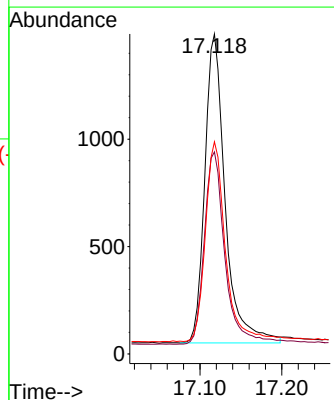
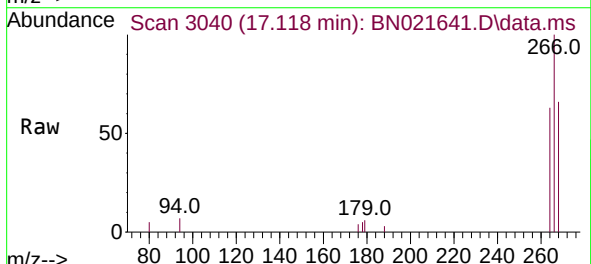
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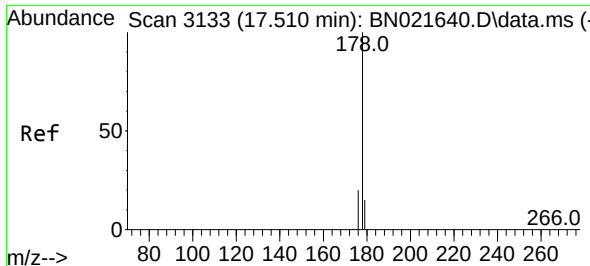
Tgt Ion:166 Resp: 26788
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.6 117.8
 167 13.6 11.8 17.6



#14
 Pentachlorophenol
 Concen: 1.352 ng/ul
 RT: 17.118 min Scan# 3040
 Delta R.T. 0.000 min
 Lab File: BN021641.D
 Acq: 08 Sep 2022 12:16

Tgt Ion:266 Resp: 2485
 Ion Ratio Lower Upper
 266 100
 264 63.4 49.8 74.8
 268 64.2 50.6 75.8

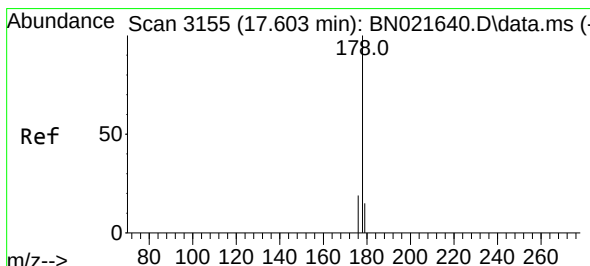
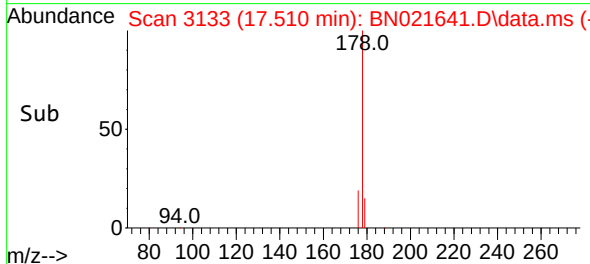
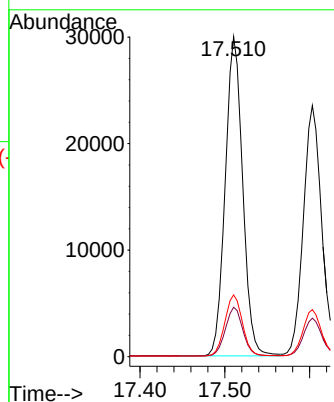
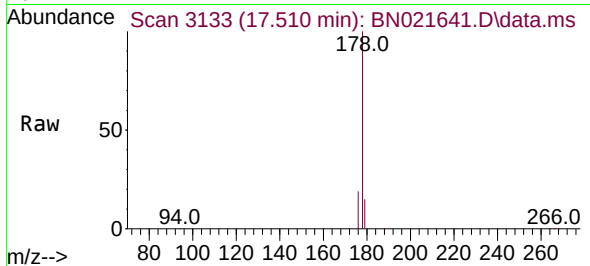




#15
Phenanthrene
Concen: 0.694 ng/u1
RT: 17.510 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

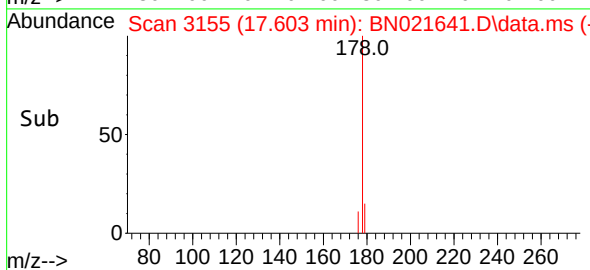
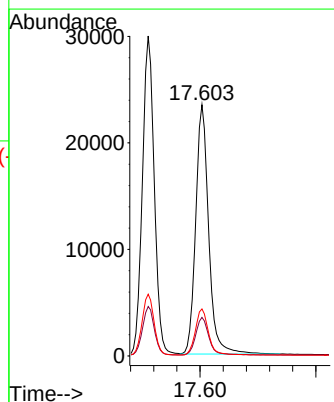
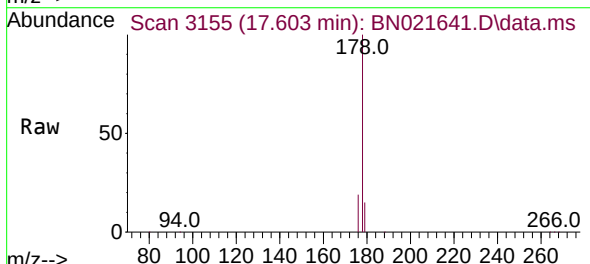
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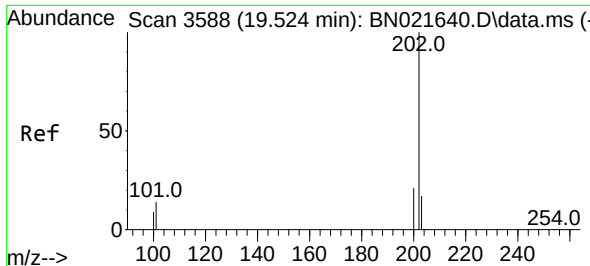
Tgt Ion:178 Resp: 42841
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.3 15.9 23.9



#16
Anthracene
Concen: 0.736 ng/u1
RT: 17.603 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

Tgt Ion:178 Resp: 36360
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 18.8 15.9 23.9

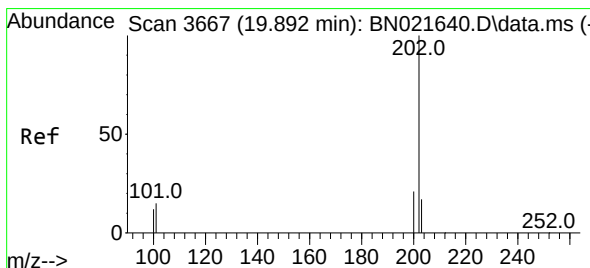
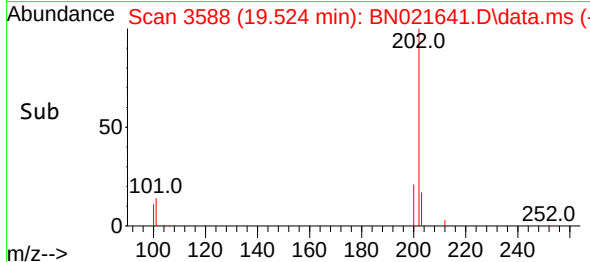
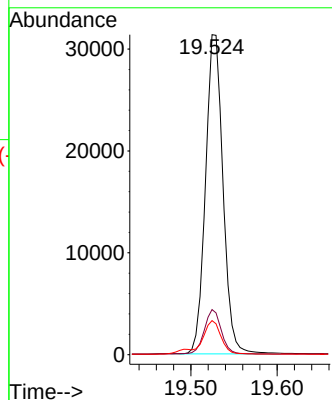
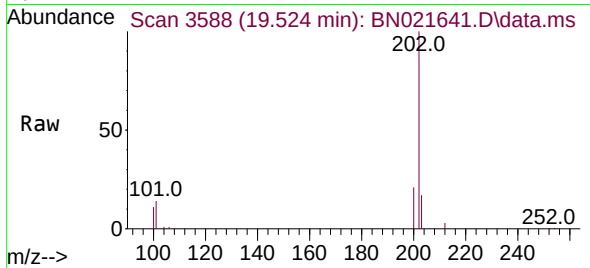




#19
Fluoranthene
Concen: 0.808 ng/ul
RT: 19.524 min Scan# 3588
Delta R.T. 0.000 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

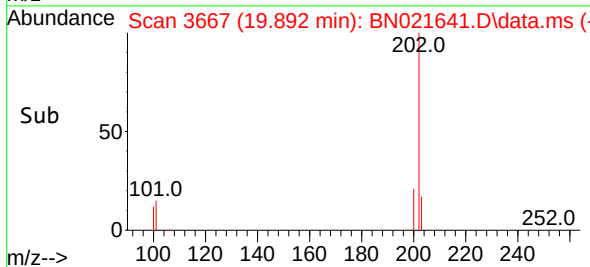
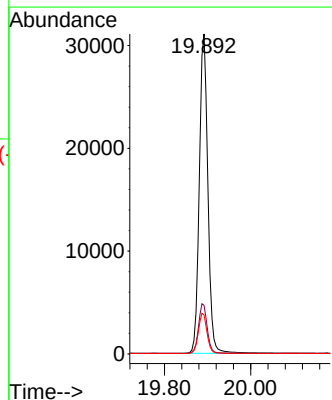
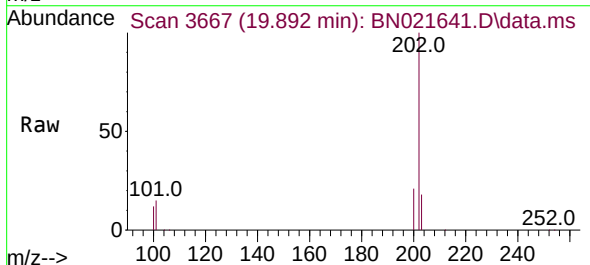
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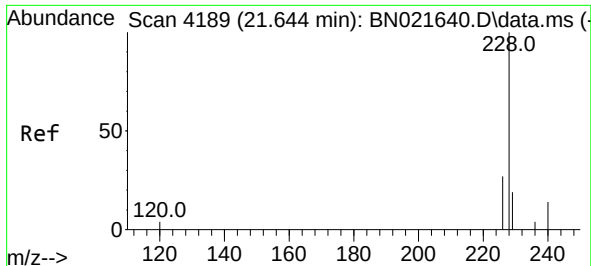
Tgt Ion:202 Resp: 44214
Ion Ratio Lower Upper
202 100
101 14.1 10.0 15.0
100 10.7 8.0 12.0



#20
Pyrene
Concen: 0.783 ng/ul
RT: 19.892 min Scan# 3667
Delta R.T. 0.000 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

Tgt Ion:202 Resp: 42873
Ion Ratio Lower Upper
202 100
101 15.2 11.3 16.9
100 12.2 9.0 13.4

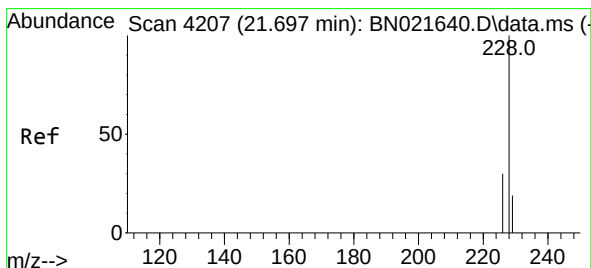
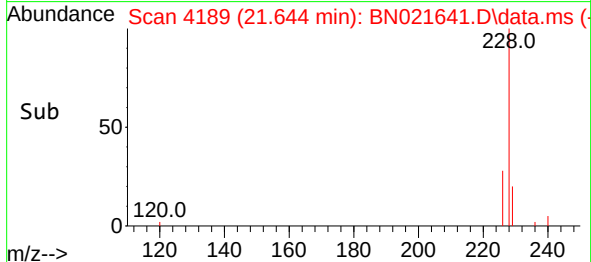
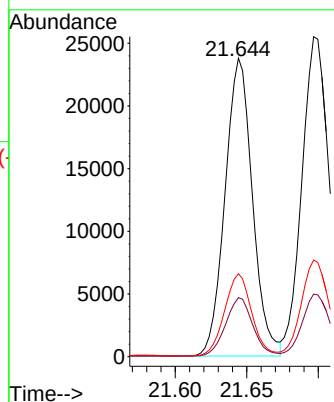
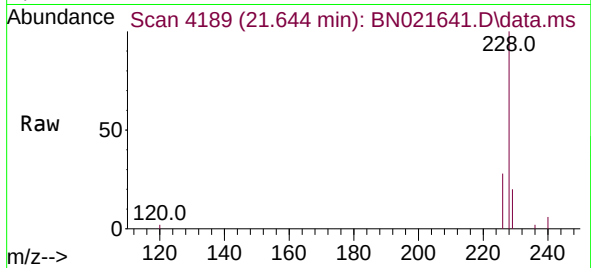




#21
Benzo(a)anthracene
Concen: 0.792 ng/ul
RT: 21.644 min Scan# 4189
Delta R.T. 0.000 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

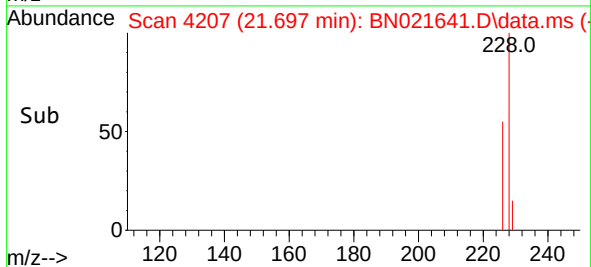
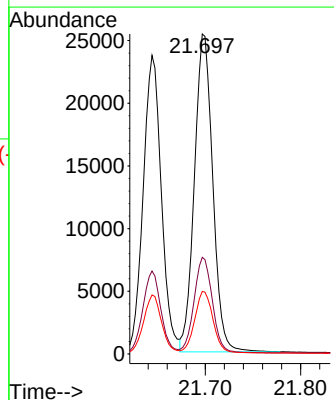
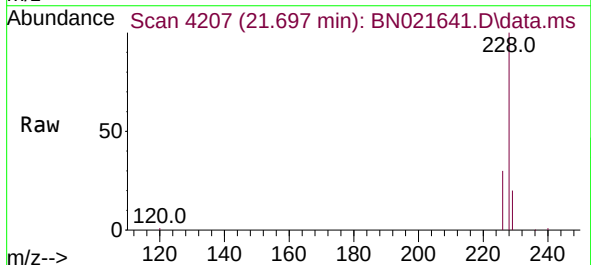
Instrument :
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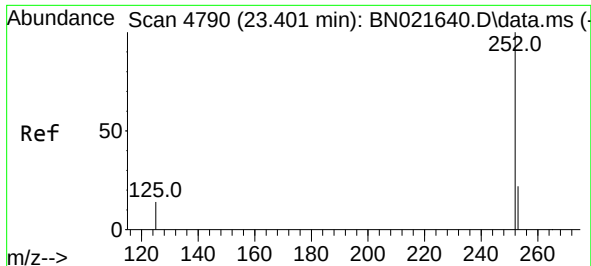
Tgt Ion:228 Resp: 31690
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.8 21.9 32.9



#22
Chrysene
Concen: 0.660 ng/ul
RT: 21.697 min Scan# 4207
Delta R.T. 0.000 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

Tgt Ion:228 Resp: 33928
Ion Ratio Lower Upper
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226 30.2 24.6 37.0
229 19.5 15.8 23.8

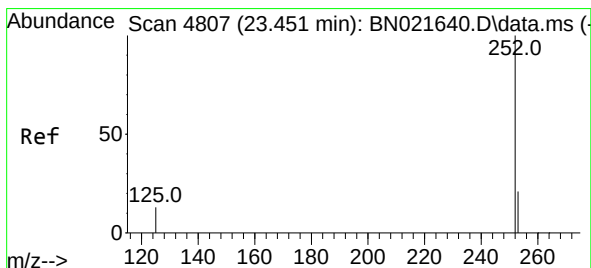
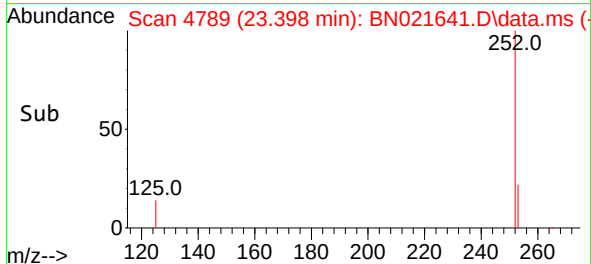
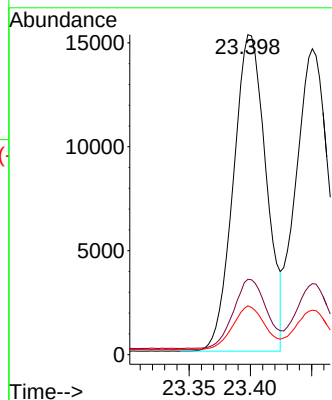
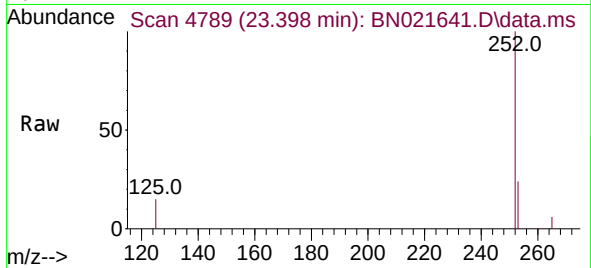




#24
Benzo(b)fluoranthene
Concen: 0.929 ng/ul
RT: 23.398 min Scan# 4789
Delta R.T. -0.003 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

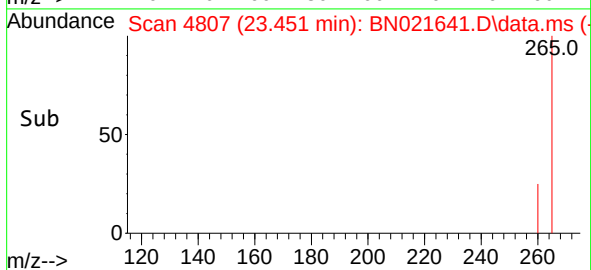
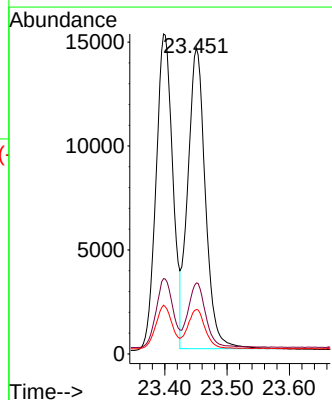
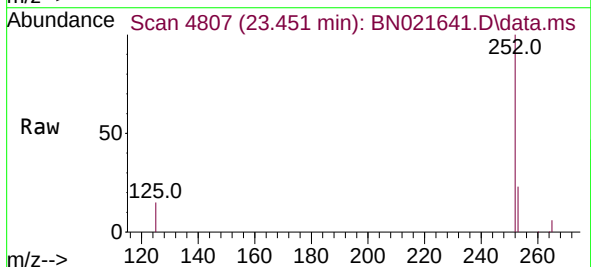
Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

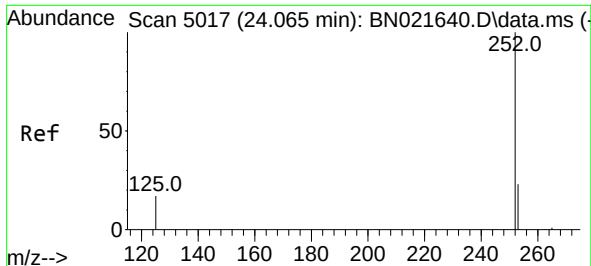
Tgt Ion:252 Resp: 28354
Ion Ratio Lower Upper
252 100
253 23.6 0.0 50.8
125 15.2 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.863 ng/ul
RT: 23.451 min Scan# 4807
Delta R.T. 0.000 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

Tgt Ion:252 Resp: 28345
Ion Ratio Lower Upper
252 100
253 23.2 20.6 31.0
125 14.6 11.8 17.6

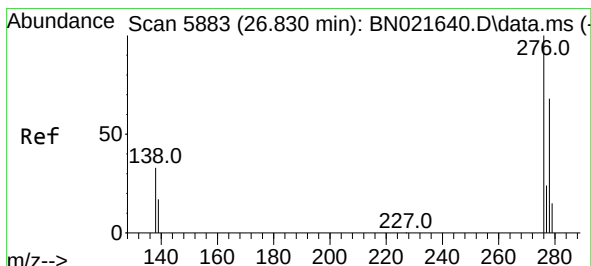
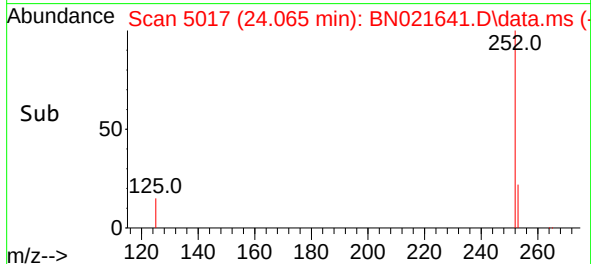
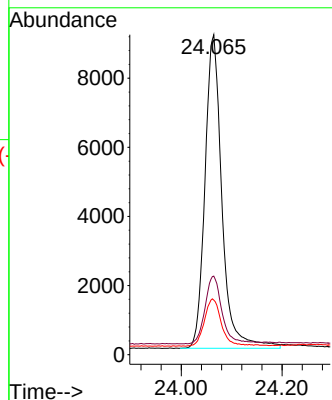
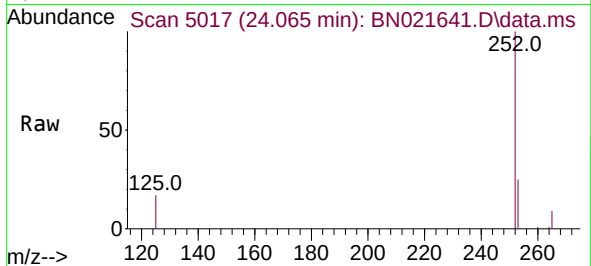




#26
Benzo(a)pyrene
Concen: 0.738 ng/ul
RT: 24.065 min Scan# 5017
Delta R.T. 0.000 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

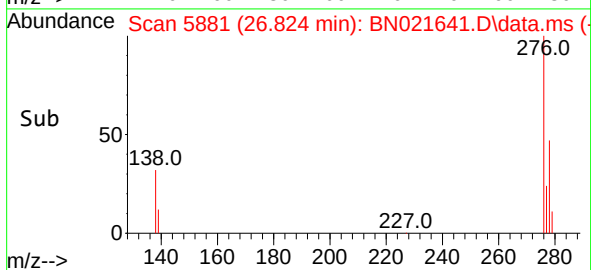
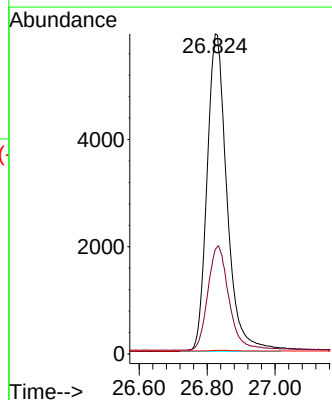
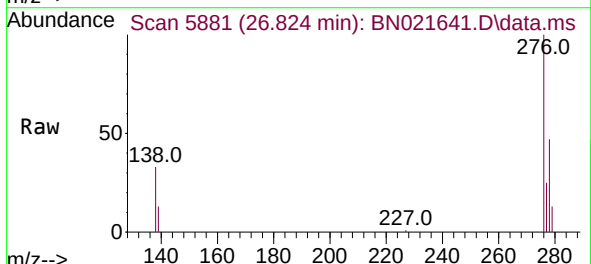
Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

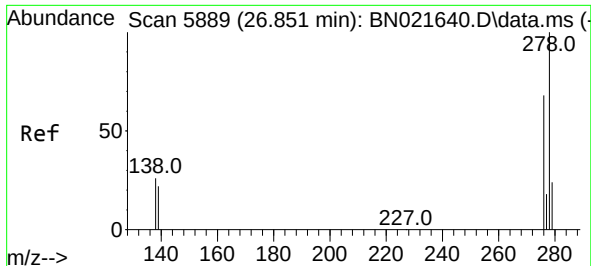
Tgt Ion:	252	Resp:	21229
Ion Ratio	Lower	Upper	
252	100		
253	24.6	22.1	33.1
125	17.0	14.7	22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.714 ng/ul
RT: 26.824 min Scan# 5881
Delta R.T. -0.007 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

Tgt Ion:	276	Resp:	24090
Ion Ratio	Lower	Upper	
276	100		
138	34.9	26.1	39.1
227	0.2	0.1	0.1#

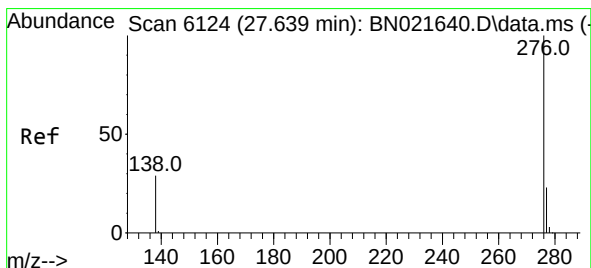
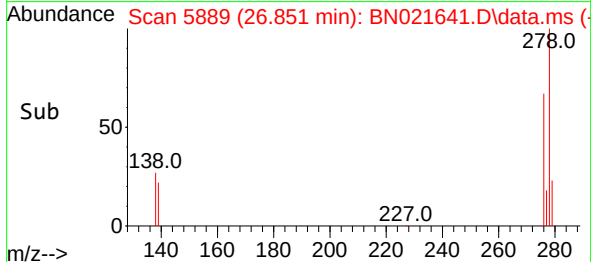
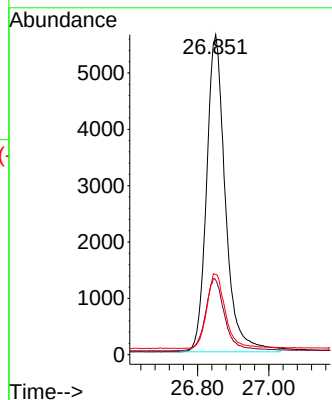
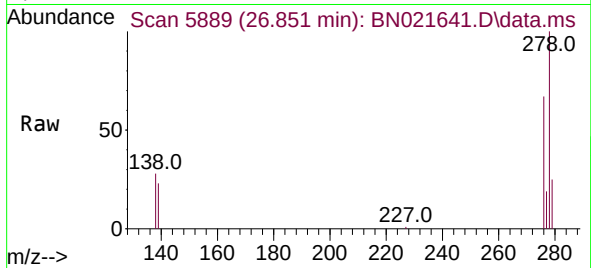




#28
Dibenzo(a,h)anthracene
Concen: 0.742 ng/ul
RT: 26.851 min Scan# 5889
Delta R.T. 0.000 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:278 Resp: 20602
Ion Ratio Lower Upper
278 100
139 23.4 18.3 27.5
279 25.1 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.669 ng/ul
RT: 27.639 min Scan# 6124
Delta R.T. 0.000 min
Lab File: BN021641.D
Acq: 08 Sep 2022 12:16

Tgt Ion:276 Resp: 22444
Ion Ratio Lower Upper
276 100
138 30.3 22.6 34.0
277 24.3 20.2 30.2

