

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022265.D
 Acq On : 21 Oct 2022 21:54
 Operator : CG/JU
 Sample : N5064-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COBM3

Quant Time: Oct 21 22:42:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 23:32:34 2022
 Response via : Initial Calibration

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

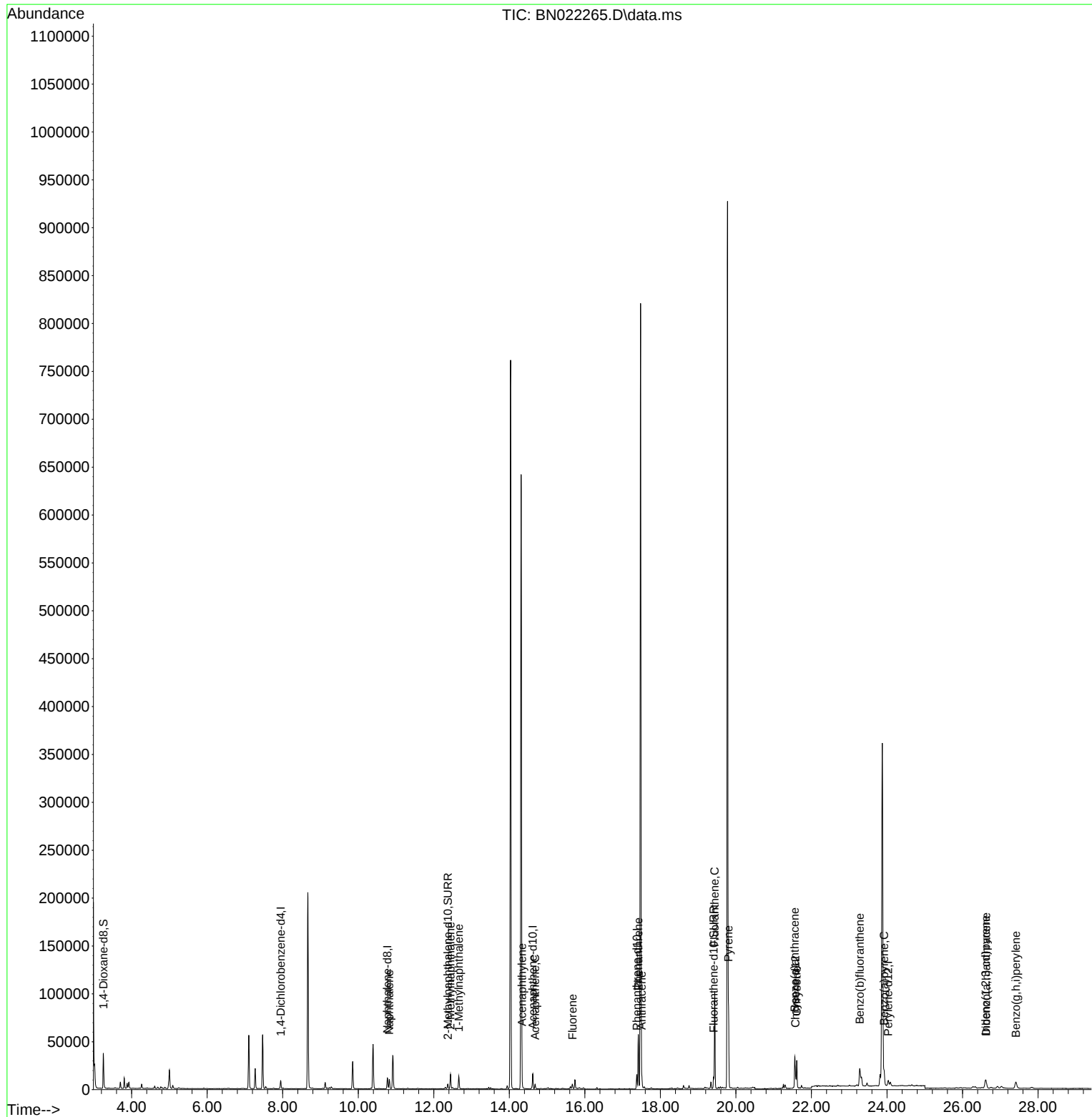
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	4329	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	14790	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.622	164	8405	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.377	188	16714	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	9549	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	7694	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	23304	4.142	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	6221	0.278	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	11550	0.360	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.820	128	13034	0.298	ng/ul	99
7) 2-Methylnaphthalene	12.443	142	10604	0.385	ng/ul	100
8) 1-Methylnaphthalene	12.663	142	9162	0.324	ng/ul	100
10) Acenaphthylene	14.340	152	3063	0.081	ng/ul#	83
11) Acenaphthene	14.682	153	2807	0.088	ng/ul	98
12) Fluorene	15.672	166	2739	0.074	ng/ul#	95
15) Phenanthrene	17.415	178	59355	1.058	ng/ul	99
16) Anthracene	17.508	178	10516	0.222	ng/ul	98
19) Fluoranthene	19.438	202	81355	1.860	ng/ul	100
20) Pyrene	19.806	202	63839	1.453	ng/ul	99
21) Benzo(a)anthracene	21.559	228	27583	0.771	ng/ul	95
22) Chrysene	21.611	228	28854	0.761	ng/ul	96
24) Benzo(b)fluoranthene	23.280	252	42381	1.097	ng/ul	94
26) Benzo(a)pyrene	23.924	252	19784	0.642	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.612	276	15200	0.397	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.625	278	3942	0.129	ng/ul#	62
29) Benzo(g,h,i)perylene	27.413	276	14326	0.459	ng/ul	96

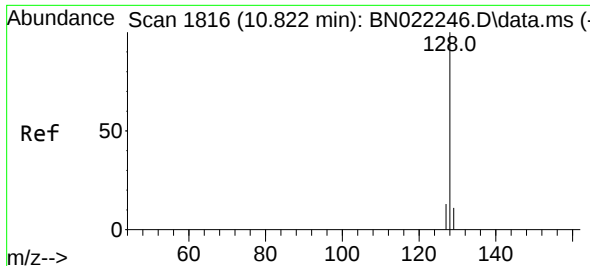
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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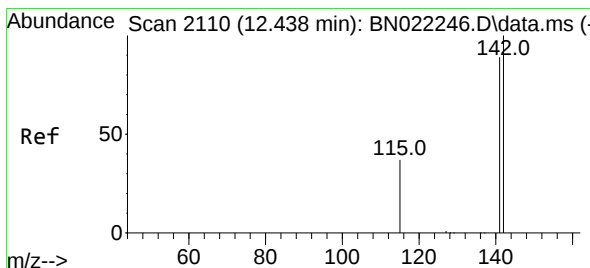
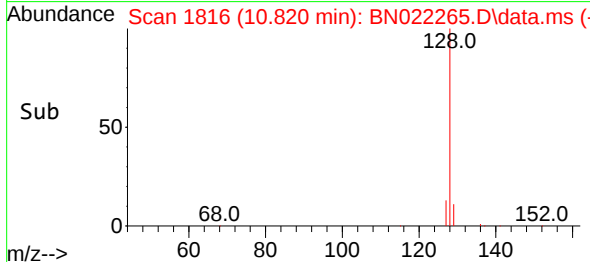
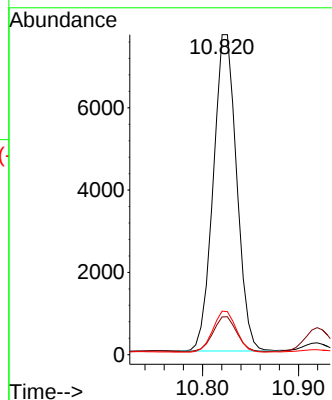
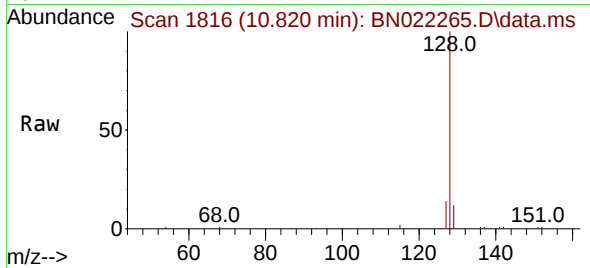




#5
Naphthalene
Concen: 0.298 ng/ul
RT: 10.820 min Scan# 1816
Delta R.T. -0.011 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

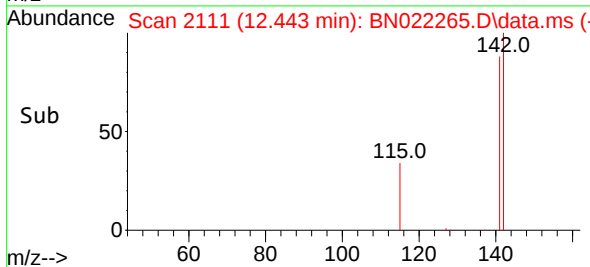
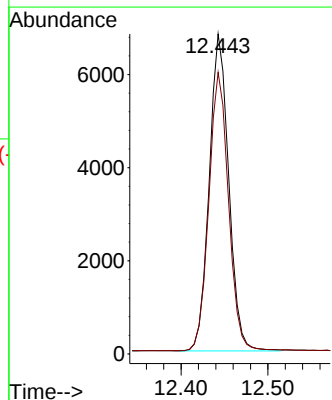
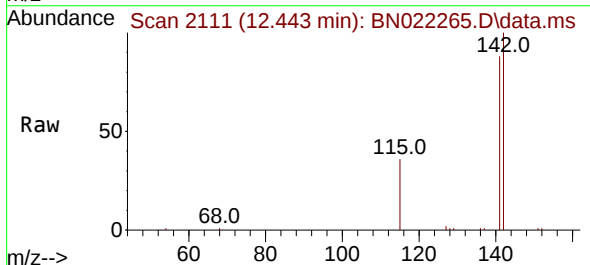
Instrument :
BNA_N
ClientSampleId :
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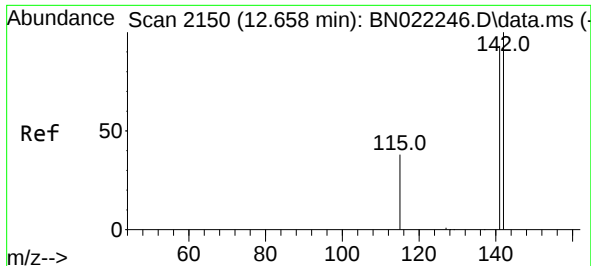
Tgt Ion:128 Resp: 13034
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.6 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

Tgt Ion:142 Resp: 10604
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7

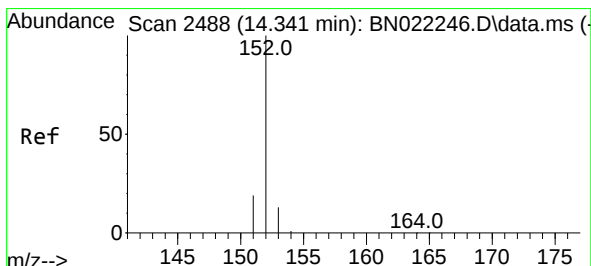
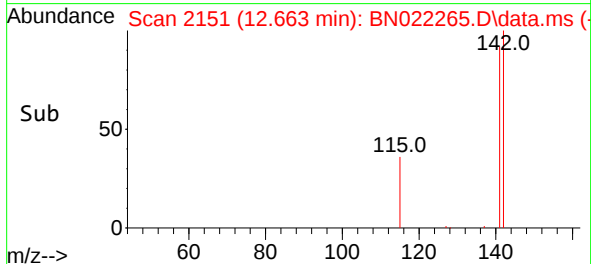
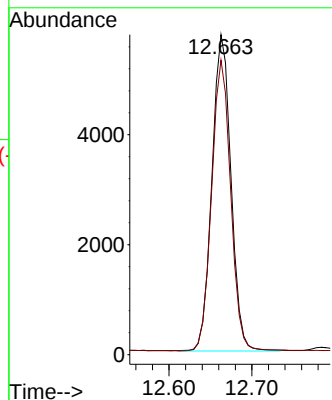
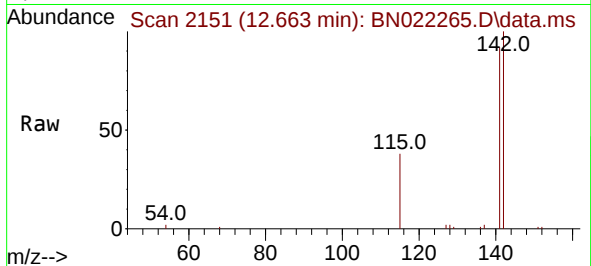




#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.663 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

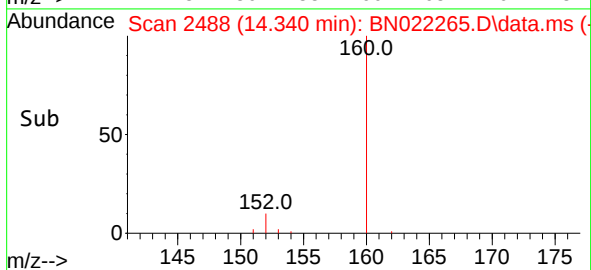
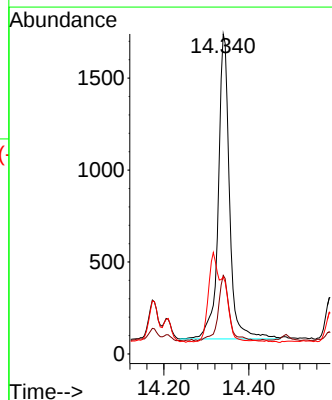
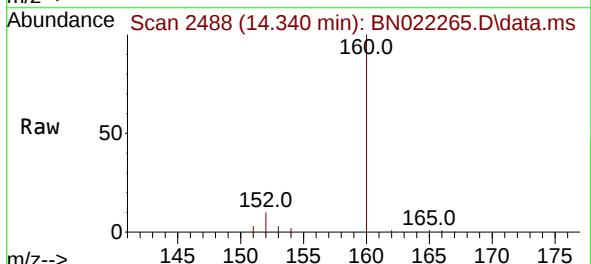
Instrument :
BNA_N
ClientSampleId :
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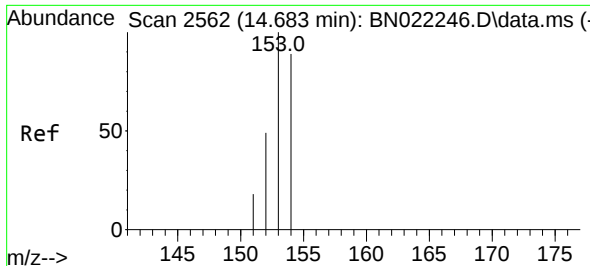
Tgt Ion:142 Resp: 9162
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9



#10
Acenaphthylene
Concen: 0.081 ng/ul
RT: 14.340 min Scan# 2488
Delta R.T. -0.009 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

Tgt Ion:152 Resp: 3063
Ion Ratio Lower Upper
152 100
151 24.5 15.9 23.9#
153 24.0 10.8 16.2#

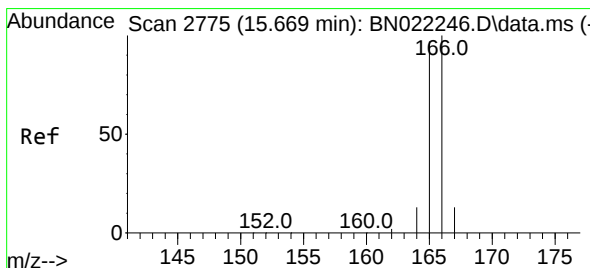
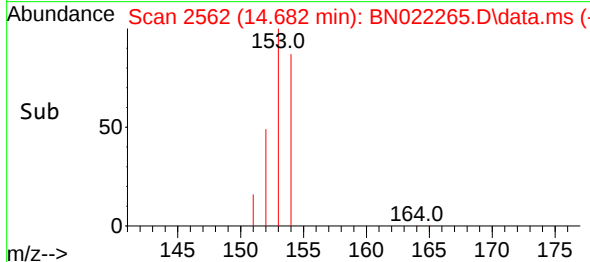
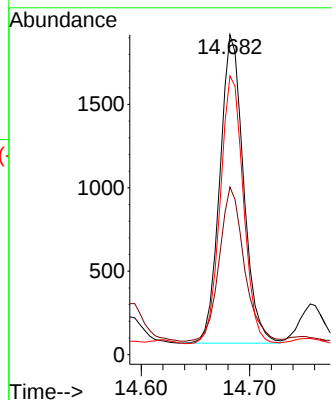
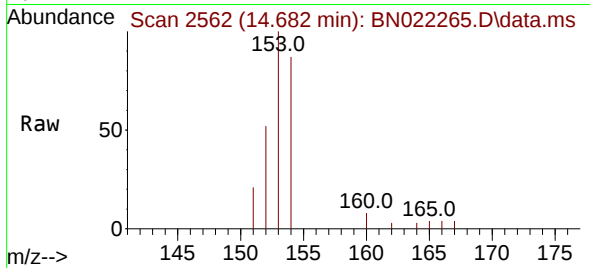




#11
Acenaphthene
Concen: 0.088 ng/ul
RT: 14.682 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

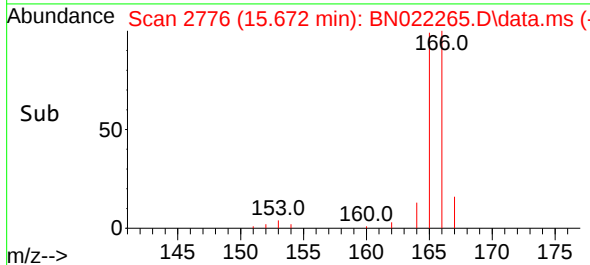
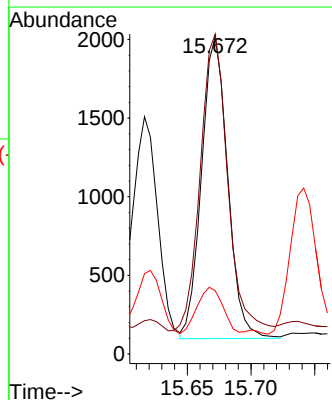
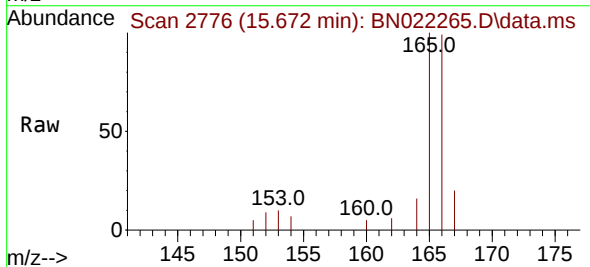
Instrument :
BNA_N
ClientSampleId :
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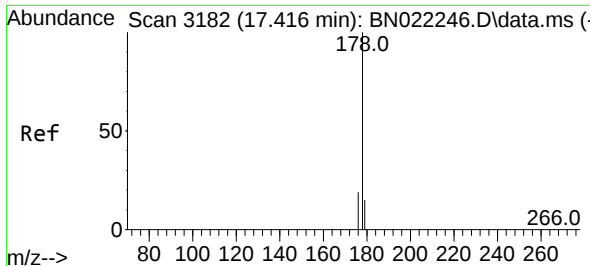
Tgt Ion:153 Resp: 2807
Ion Ratio Lower Upper
153 100
152 52.3 40.6 61.0
154 87.1 70.6 106.0



#12
Fluorene
Concen: 0.074 ng/ul
RT: 15.672 min Scan# 2776
Delta R.T. -0.005 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

Tgt Ion:166 Resp: 2739
Ion Ratio Lower Upper
166 100
165 100.8 78.2 117.2
167 19.9 11.0 16.4#

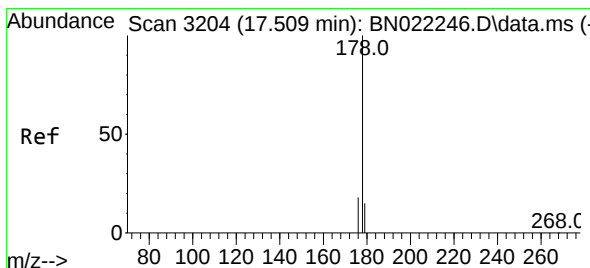
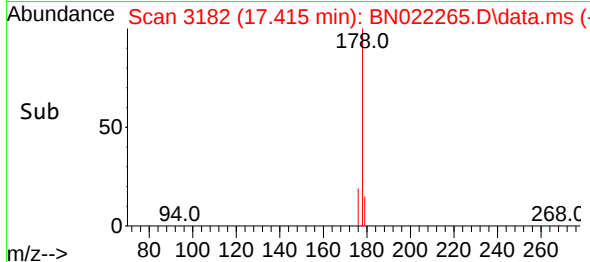
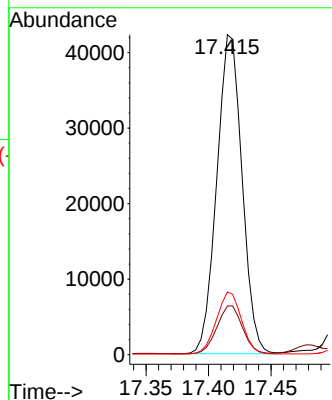
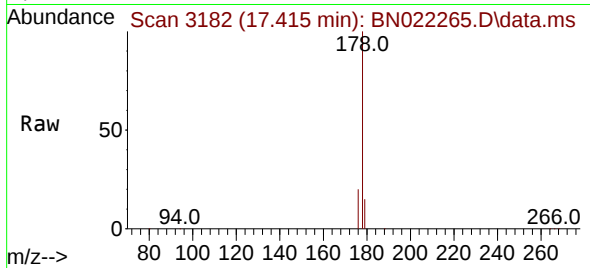




#15
Phenanthrene
Concen: 1.058 ng/u1
RT: 17.415 min Scan# 3182
Delta R.T. -0.009 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

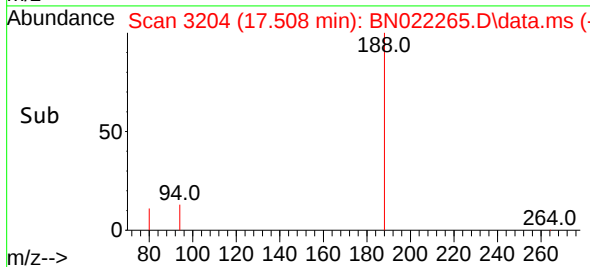
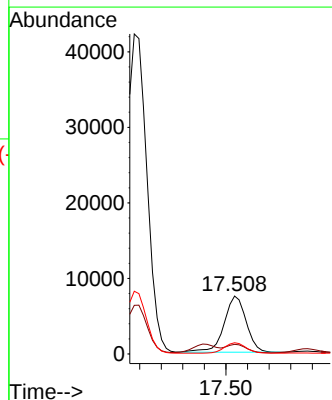
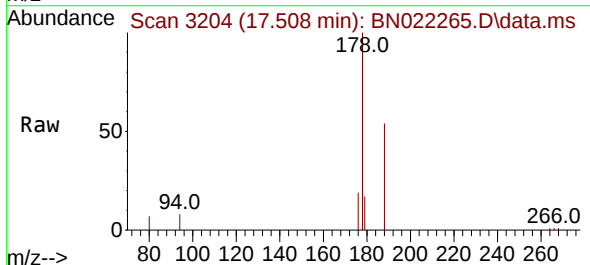
Instrument :
BNA_N
ClientSampleId :
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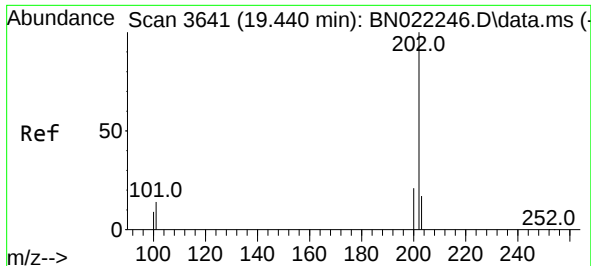
Tgt Ion:178 Resp: 59355
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.6 15.4 23.2



#16
Anthracene
Concen: 0.222 ng/u1
RT: 17.508 min Scan# 3204
Delta R.T. -0.009 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

Tgt Ion:178 Resp: 10516
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 19.3 15.0 22.6

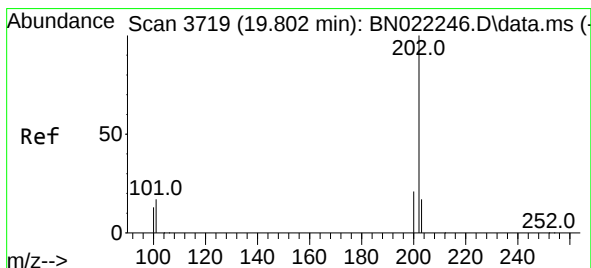
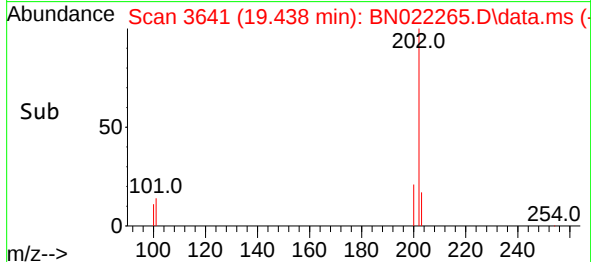
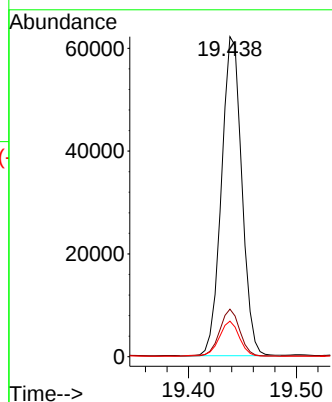
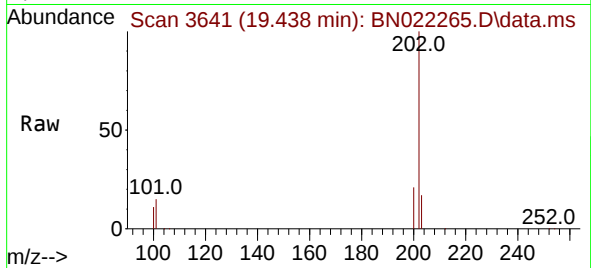




#19
Fluoranthene
Concen: 1.860 ng/ul
RT: 19.438 min Scan# 3641
Delta R.T. -0.005 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

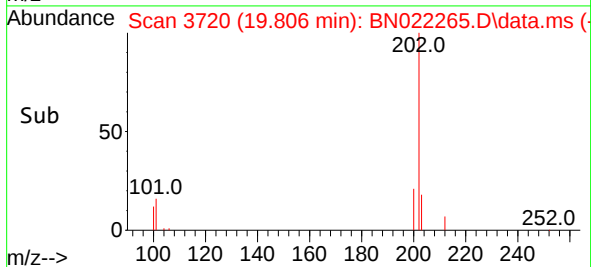
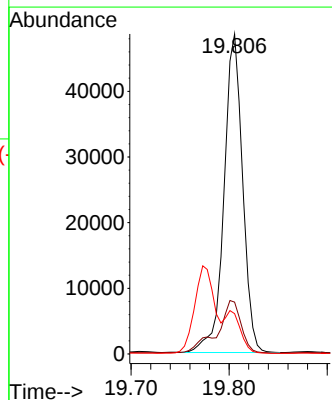
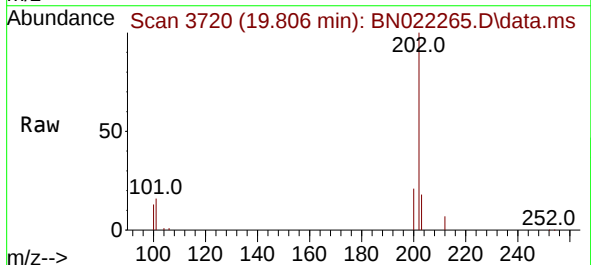
Instrument :
BNA_N
ClientSampleId :
COBM3

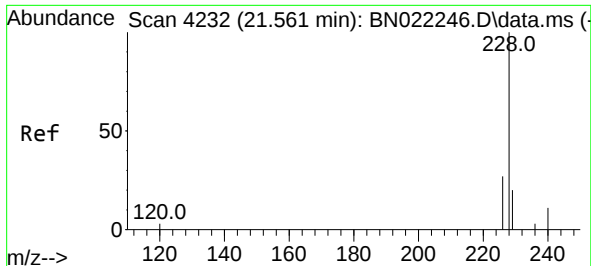
Tgt Ion:202 Resp: 81355
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 11.1 8.7 13.1



#20
Pyrene
Concen: 1.453 ng/ul
RT: 19.806 min Scan# 3720
Delta R.T. -0.005 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

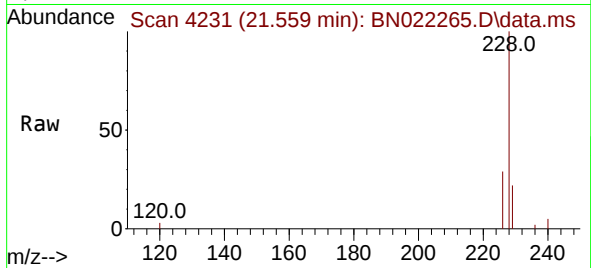
Tgt Ion:202 Resp: 63839
Ion Ratio Lower Upper
202 100
101 16.2 13.1 19.7
100 12.6 10.6 16.0



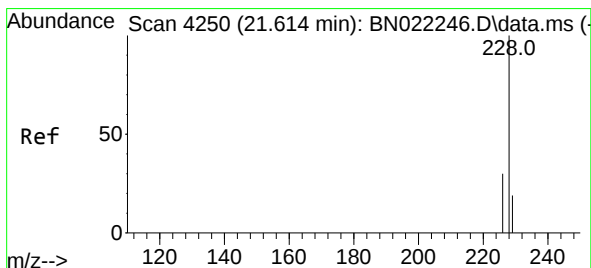
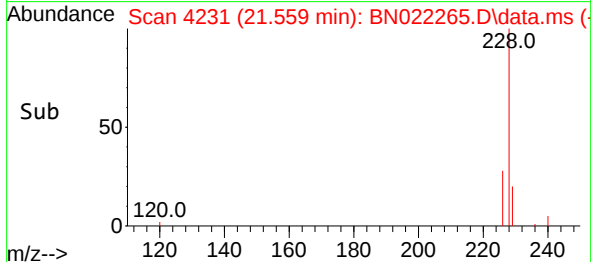
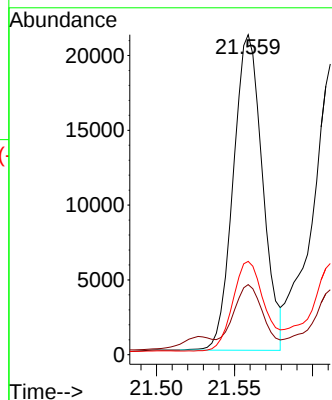


#21
Benzo(a)anthracene
Concen: 0.771 ng/ul
RT: 21.559 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

Instrument :
BNA_N
ClientSampleId :
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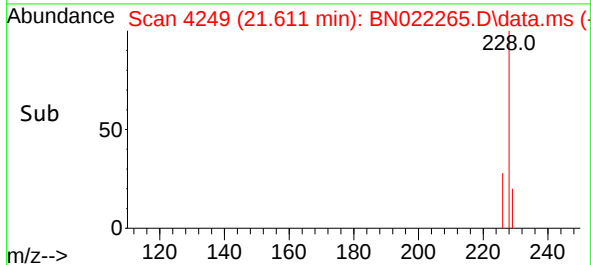
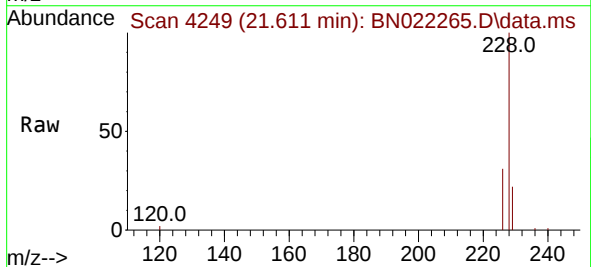
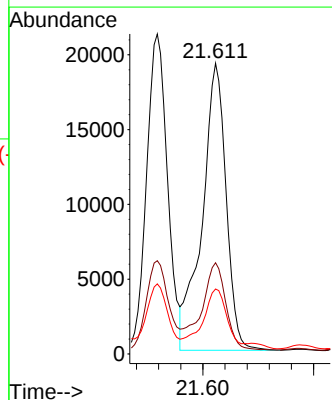


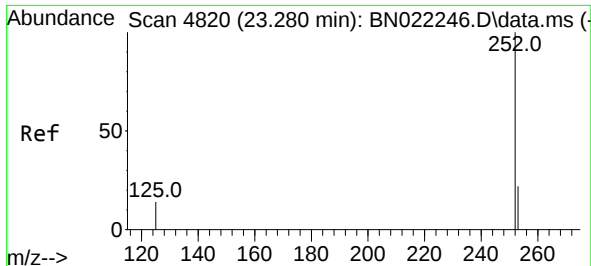
Tgt Ion:228 Resp: 27583
Ion Ratio Lower Upper
228 100
229 21.9 15.7 23.5
226 29.2 21.5 32.3



#22
Chrysene
Concen: 0.761 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.009 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

Tgt Ion:228 Resp: 28854
Ion Ratio Lower Upper
228 100
226 31.4 23.9 35.9
229 22.3 15.9 23.9

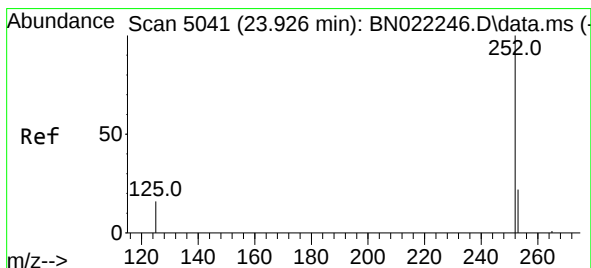
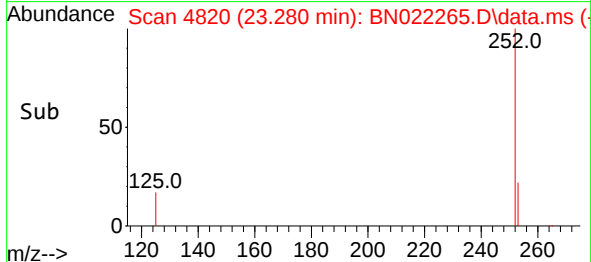
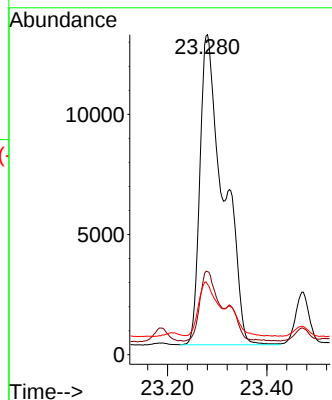
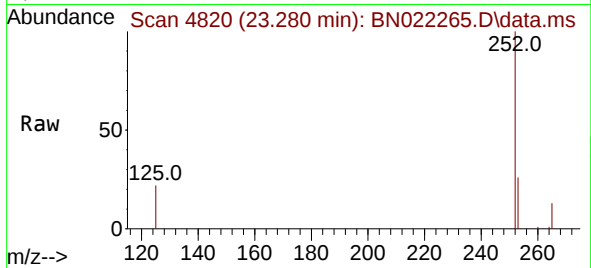




#24
Benzo(b)fluoranthene
Concen: 1.097 ng/ul
RT: 23.280 min Scan# 4820
Delta R.T. -0.009 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

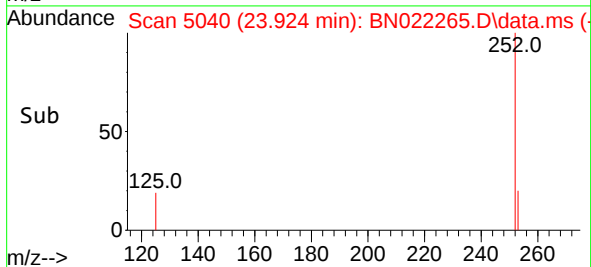
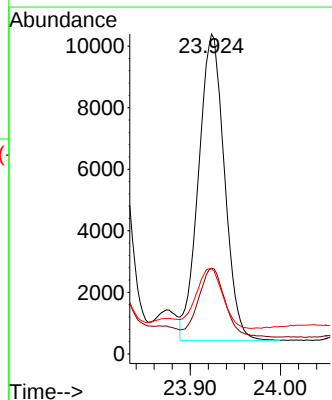
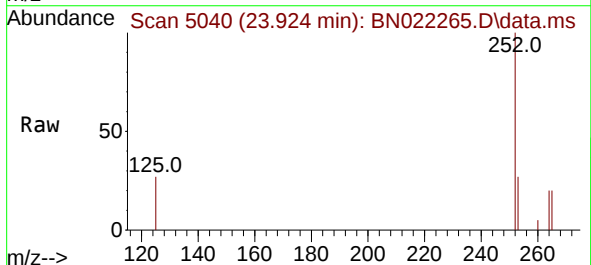
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ClientSampleId :
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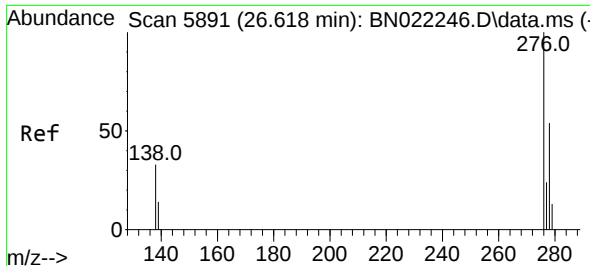
Tgt Ion:252 Resp: 42381
Ion Ratio Lower Upper
252 100
253 25.9 0.0 49.0
125 22.0 0.0 35.2



#26
Benzo(a)pyrene
Concen: 0.642 ng/ul
RT: 23.924 min Scan# 5040
Delta R.T. -0.012 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

Tgt Ion:252 Resp: 19784
Ion Ratio Lower Upper
252 100
253 26.8 21.0 31.6
125 26.6 17.9 26.9

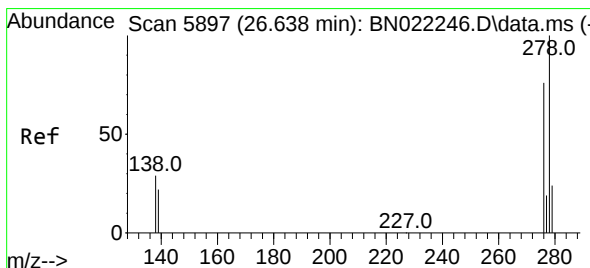
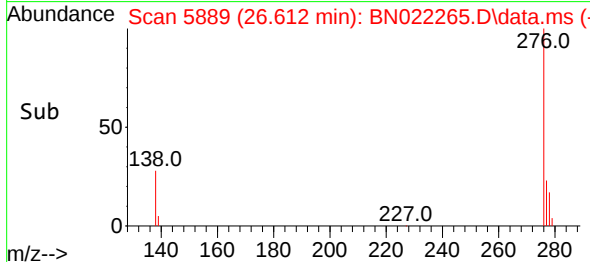
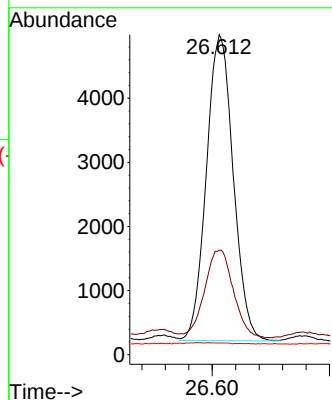
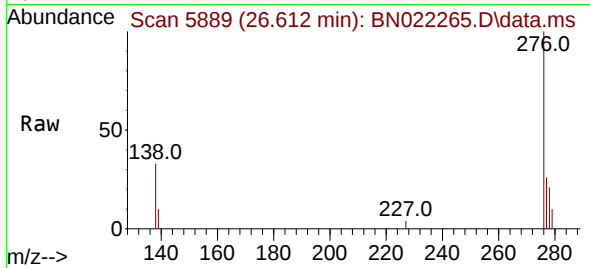




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/ul
RT: 26.612 min Scan# 5889
Delta R.T. -0.024 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

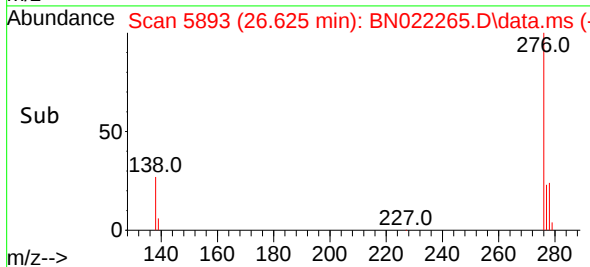
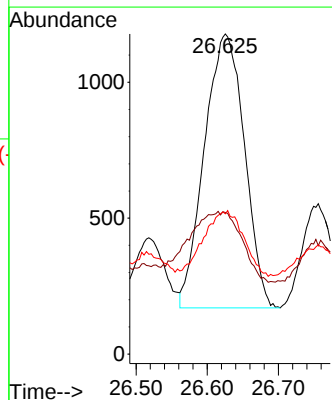
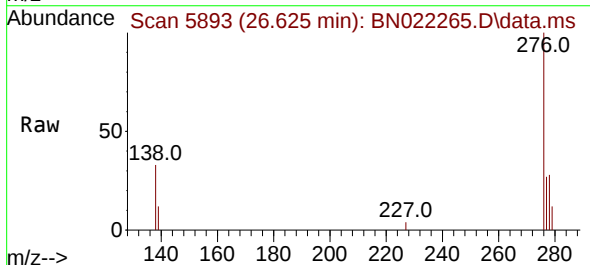
Instrument :
BNA_N
ClientSampleId :
COBM3

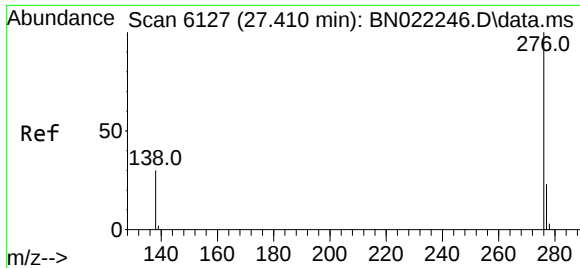
Tgt Ion:276 Resp: 15200
Ion Ratio Lower Upper
276 100
138 30.6 27.7 41.5
227 0.0 0.2 0.2#



#28
Dibenzo(a,h)anthracene
Concen: 0.129 ng/ul
RT: 26.625 min Scan# 5893
Delta R.T. -0.030 min
Lab File: BN022265.D
Acq: 21 Oct 2022 21:54

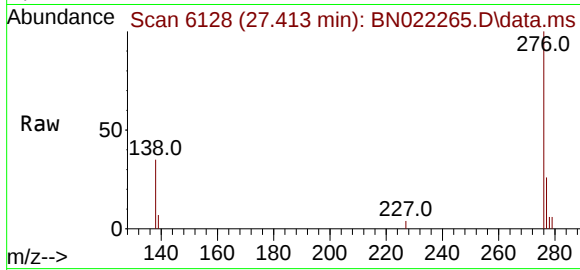
Tgt Ion:278 Resp: 3942
Ion Ratio Lower Upper
278 100
139 44.2 19.6 29.4#
279 43.8 20.6 30.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.459 ng/ul
 RT: 27.413 min Scan# 61
 Delta R.T. -0.017 min
 Lab File: BN022265.D
 Acq: 21 Oct 2022 21:54

Instrument :
 BNA_N
 ClientSampleId :
 C0BM3



Tgt Ion:	276	Resp:	14326
Ion	Ratio	Lower	Upper
276	100		
138	34.7	25.2	37.8
277	26.3	19.9	29.9

