

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019894.D
 Acq On : 21 May 2022 06:48
 Operator : CG/JU
 Sample : N2843-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4H3

Quant Time: May 23 01:47:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

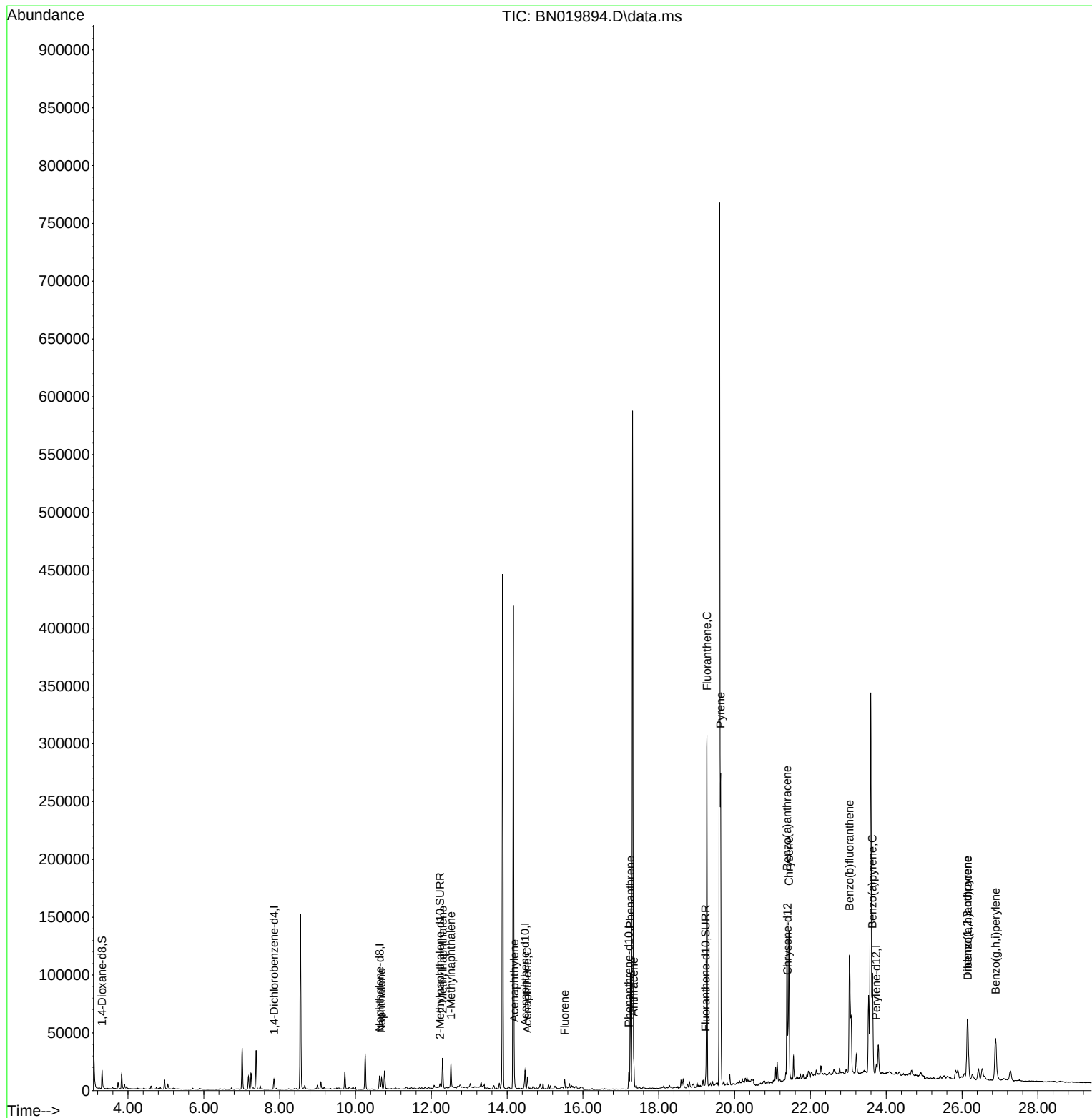
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4195	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	14007	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.473	164	8707	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	18075	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	14073	0.400	ng/ul	# 0.00
23) Perylene-d12	23.738	264	10448	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	10766	2.168	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	3982	0.188	ng/ul	0.00
18) Fluoranthene-d10	19.237	212	9818	0.220	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.687	128	13723	0.303	ng/ul	99
7) 2-Methylnaphthalene	12.299	142	18410	0.666	ng/ul#	100
8) 1-Methylnaphthalene	12.519	142	14628	0.572	ng/ul#	100
10) Acenaphthylene	14.191	152	8107	0.188	ng/ul#	88
11) Acenaphthene	14.533	153	6044	0.175	ng/ul	97
12) Fluorene	15.518	166	4415	0.116	ng/ul#	94
15) Phenanthrene	17.249	178	107272	1.613	ng/ul	99
16) Anthracene	17.342	178	20922	0.386	ng/ul	100
19) Fluoranthene	19.270	202	253099	3.929	ng/ul	97
20) Pyrene	19.632	202	222771	3.465	ng/ul	97
21) Benzo(a)anthracene	21.382	228	122429	2.328	ng/ul	96
22) Chrysene	21.435	228	137262	2.215	ng/ul	96
24) Benzo(b)fluoranthene	23.033	252	232942	4.394	ng/ul	98
26) Benzo(a)pyrene	23.636	252	121271	2.685	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.141	276	91364	1.622	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.154	278	20376	0.433	ng/ul#	75
29) Benzo(g,h,i)perylene	26.885	276	81038	1.574	ng/ul	94

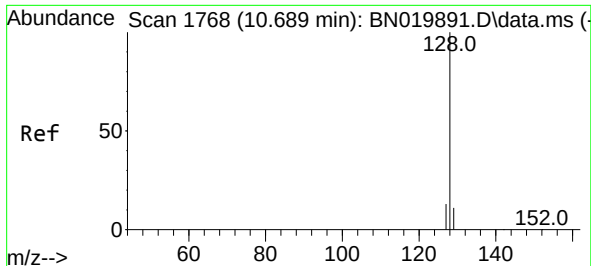
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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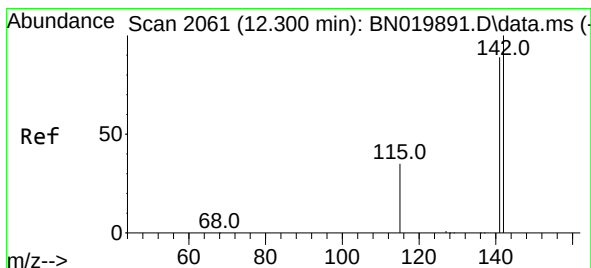
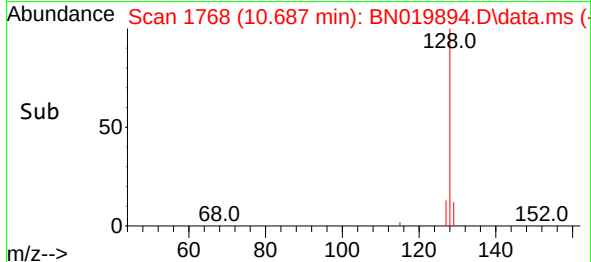
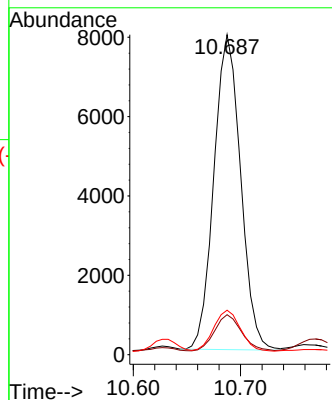
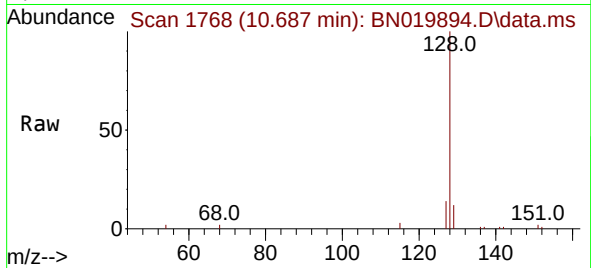




#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.687 min Scan# 1768
Delta R.T. -0.007 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

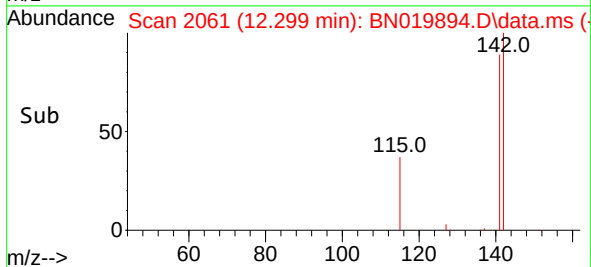
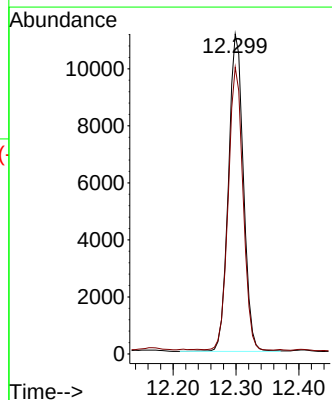
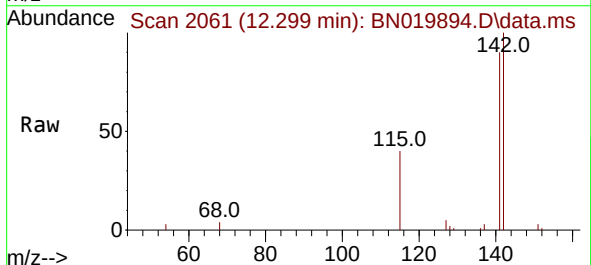
Instrument :
BNA_N
ClientSampleId :
EW4H3

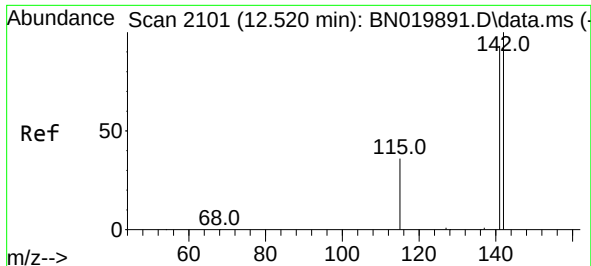
Tgt Ion:128 Resp: 13723
Ion Ratio Lower Upper
128 100
129 12.5 9.5 14.3
127 13.9 11.0 16.4



#7
2-Methylnaphthalene
Concen: 0.666 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.007 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

Tgt Ion:142 Resp: 18410
Ion Ratio Lower Upper
142 100
141 88.1 0.0 0.0#

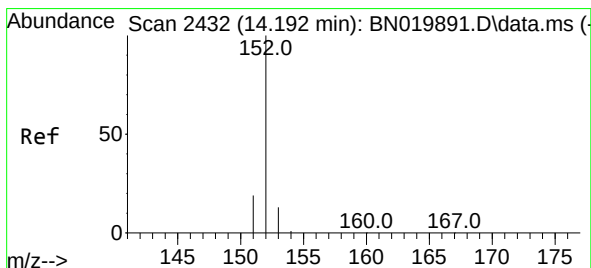
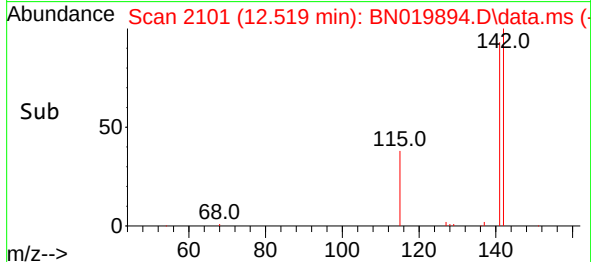
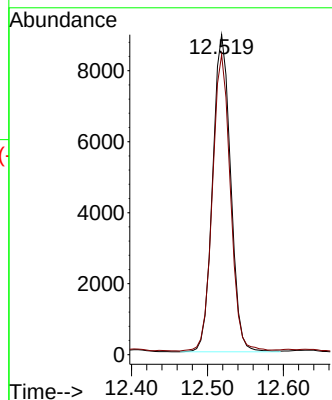
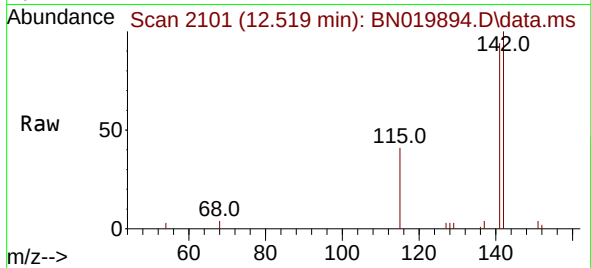




#8
1-Methylnaphthalene
Concen: 0.572 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.007 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

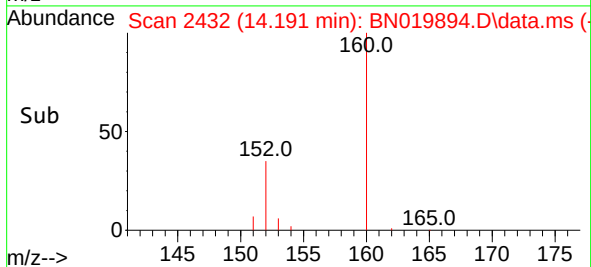
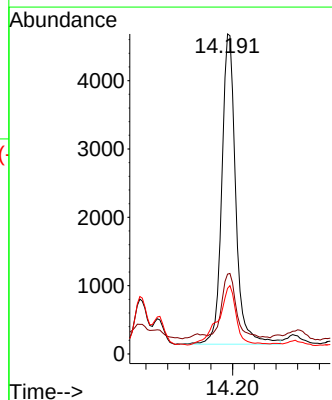
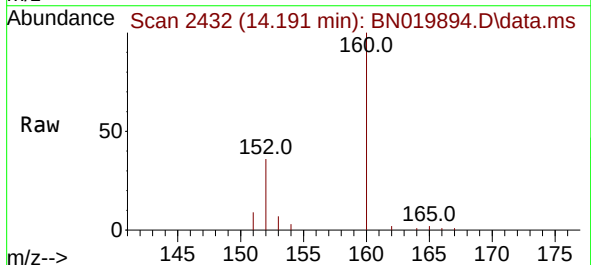
Instrument :
BNA_N
ClientSampleId :
EW4H3

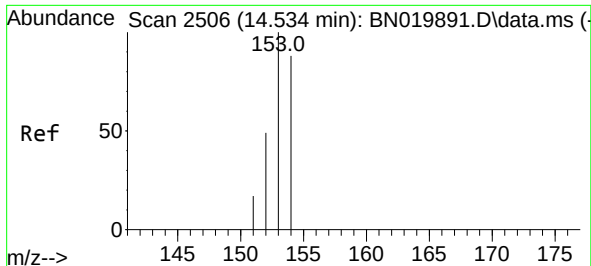
Tgt Ion:142 Resp: 14628
Ion Ratio Lower Upper
142 100
141 93.5 0.0 0.0#



#10
Acenaphthylene
Concen: 0.188 ng/ul
RT: 14.191 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

Tgt Ion:152 Resp: 8107
Ion Ratio Lower Upper
152 100
151 25.0 16.3 24.5#
153 20.5 11.1 16.7#

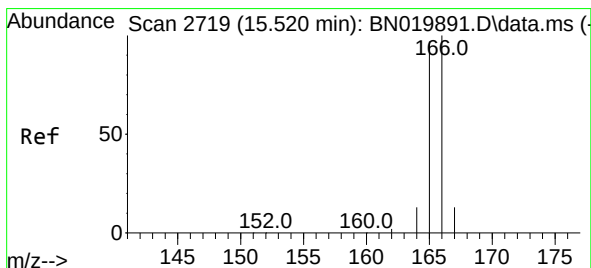
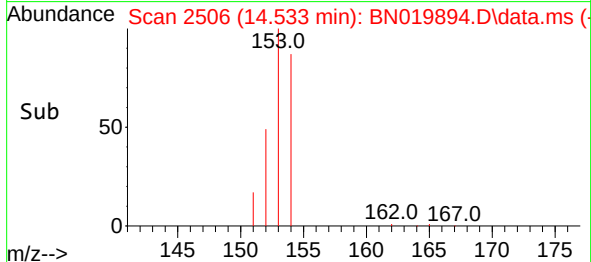
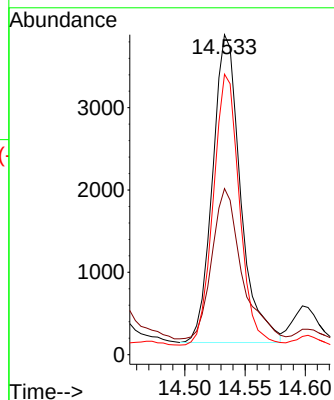
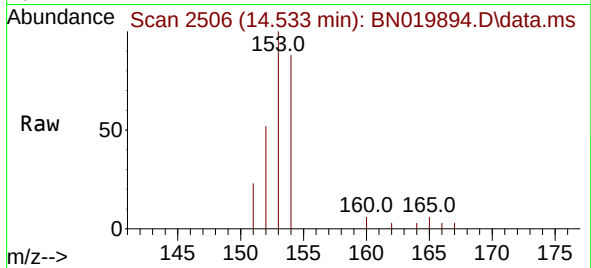




#11
Acenaphthene
Concen: 0.175 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.006 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

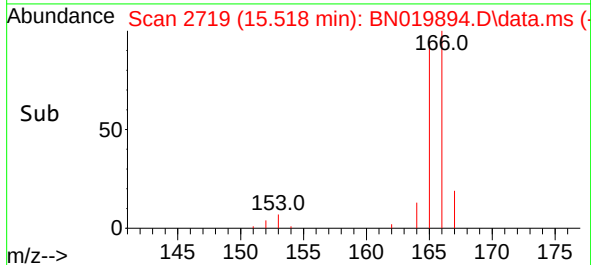
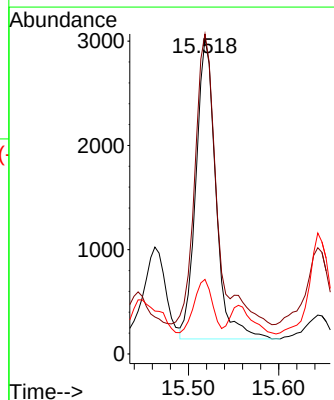
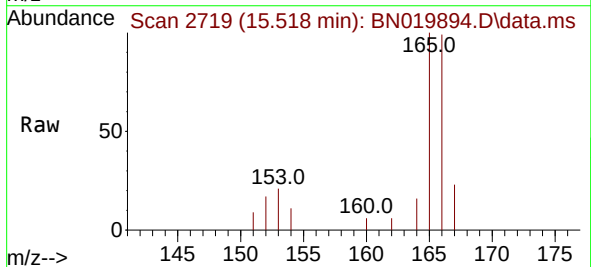
Instrument :
BNA_N
ClientSampleId :
EW4H3

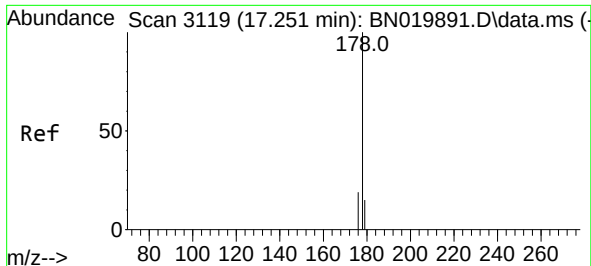
Tgt Ion:153 Resp: 6044
Ion Ratio Lower Upper
153 100
152 51.9 38.6 57.8
154 87.6 71.2 106.8



#12
Fluorene
Concen: 0.116 ng/ul
RT: 15.518 min Scan# 2719
Delta R.T. -0.006 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

Tgt Ion:166 Resp: 4415
Ion Ratio Lower Upper
166 100
165 101.3 78.2 117.2
167 23.6 11.3 16.9#

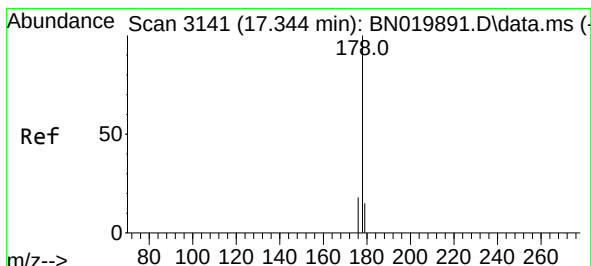
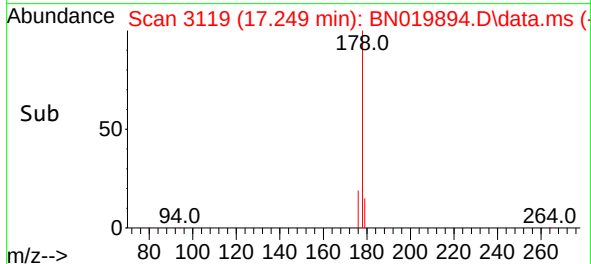
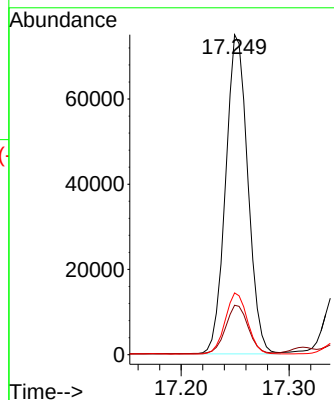
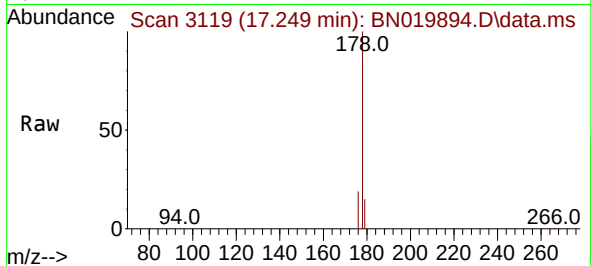




#15
Phenanthrene
Concen: 1.613 ng/ul
RT: 17.249 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

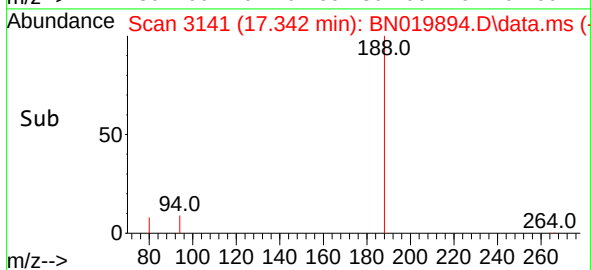
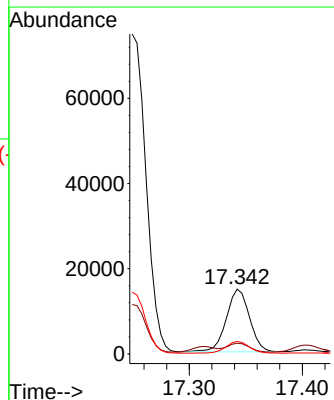
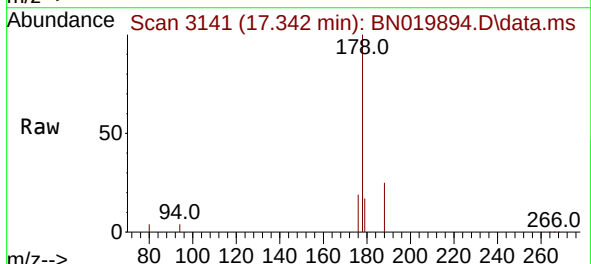
Instrument :
BNA_N
ClientSampleId :
EW4H3

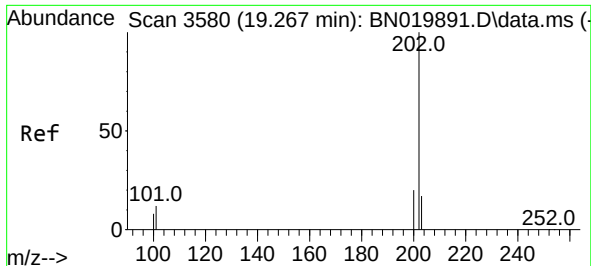
Tgt Ion:178 Resp: 107272
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.3 15.5 23.3



#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.342 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

Tgt Ion:178 Resp: 20922
Ion Ratio Lower Upper
178 100
179 16.6 13.1 19.7
176 19.3 15.3 22.9

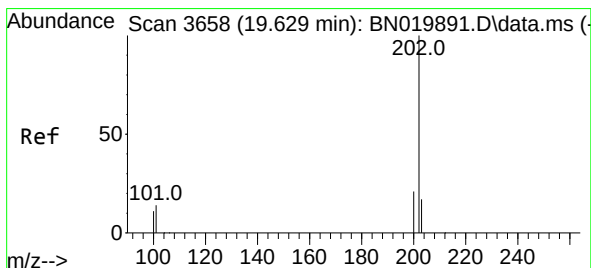
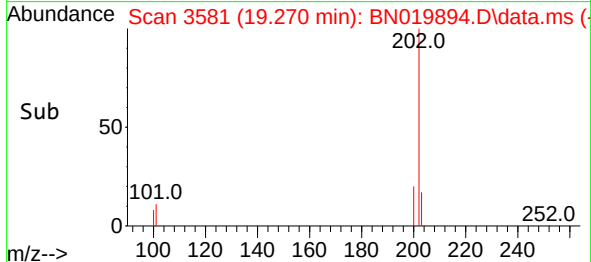
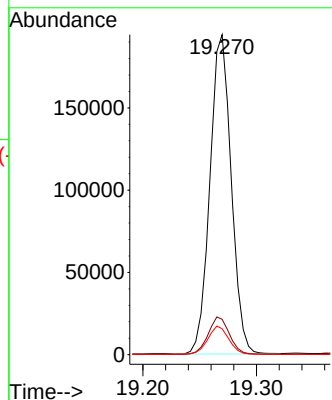
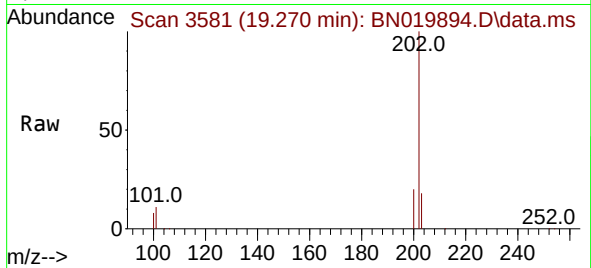




#19
Fluoranthene
Concen: 3.929 ng/u1
RT: 19.270 min Scan# 3581
Delta R.T. -0.002 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

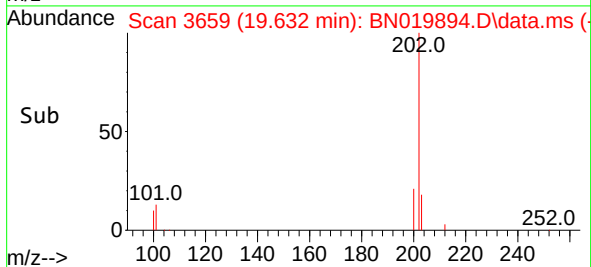
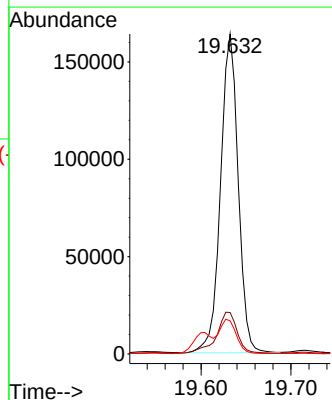
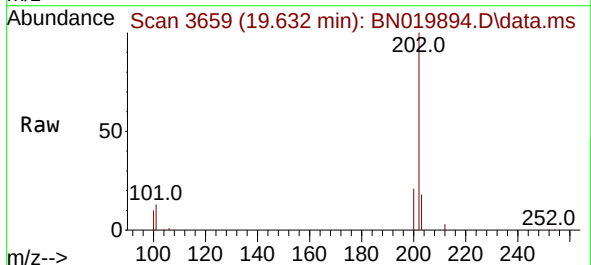
Instrument :
BNA_N
ClientSampleId :
EW4H3

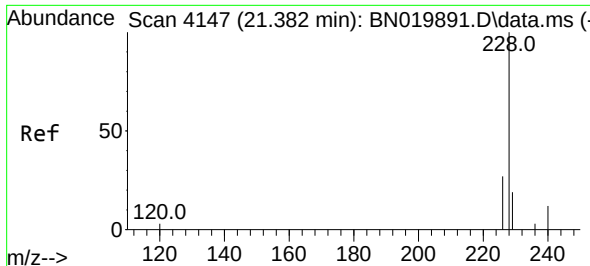
Tgt Ion:202 Resp: 253099
Ion Ratio Lower Upper
202 100
101 11.1 9.7 14.5
100 8.1 7.4 11.2



#20
Pyrene
Concen: 3.465 ng/u1
RT: 19.632 min Scan# 3659
Delta R.T. -0.002 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

Tgt Ion:202 Resp: 222771
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 10.4 9.0 13.4

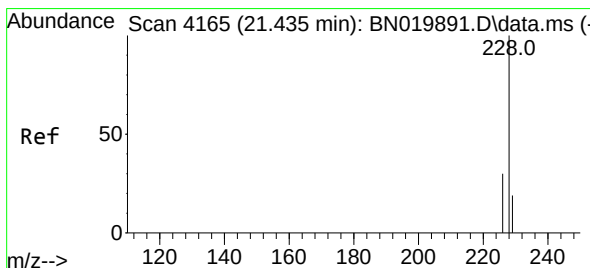
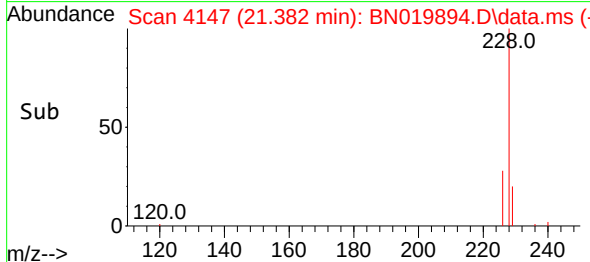
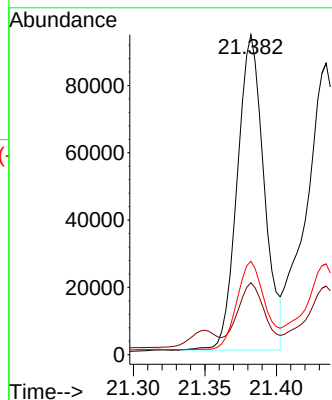
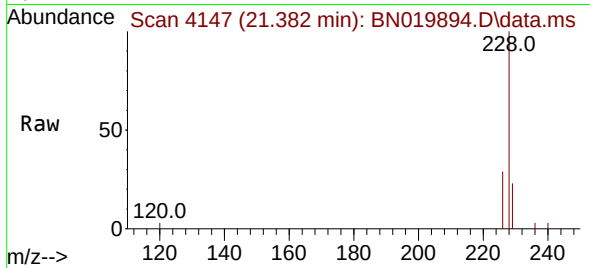




#21
Benzo(a)anthracene
Concen: 2.328 ng/ul
RT: 21.382 min Scan# 4147
Delta R.T. -0.006 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

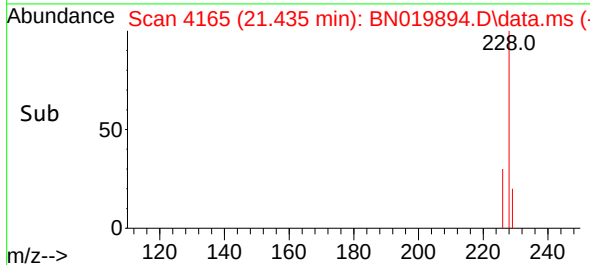
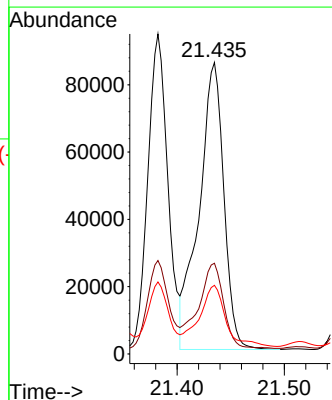
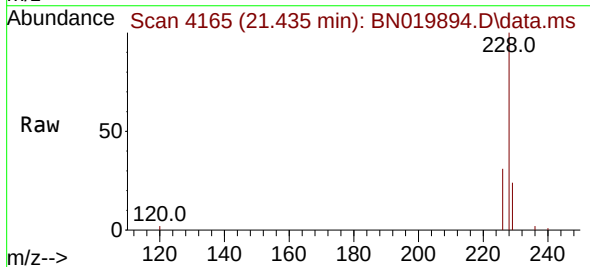
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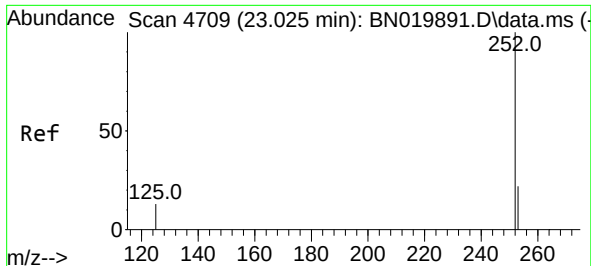
Tgt Ion:228 Resp: 122429
Ion Ratio Lower Upper
228 100
229 22.5 16.1 24.1
226 29.2 22.1 33.1



#22
Chrysene
Concen: 2.215 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

Tgt Ion:228 Resp: 137262
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.2
229 23.6 16.0 24.0

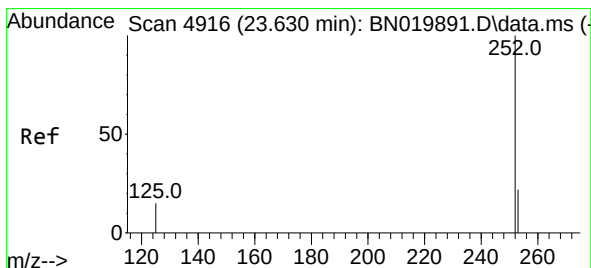
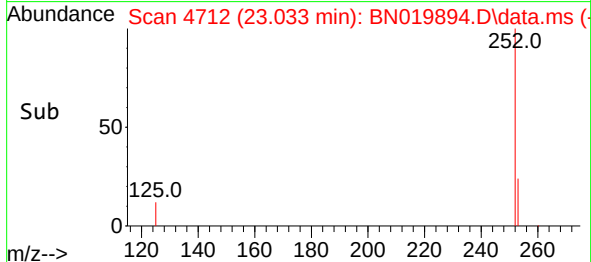
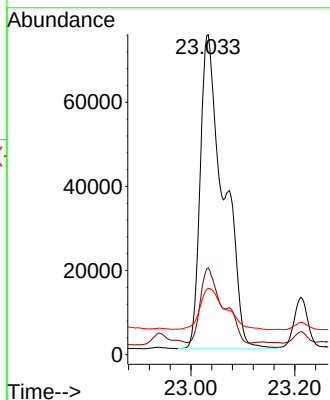
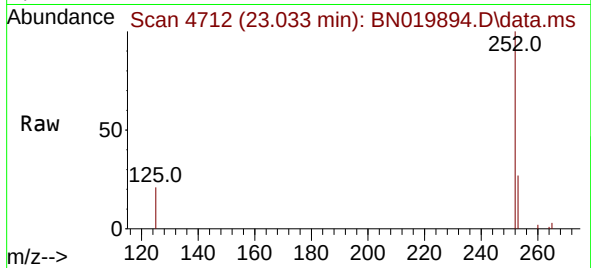




#24
Benzo(b)fluoranthene
Concen: 4.394 ng/ul
RT: 23.033 min Scan# 4712
Delta R.T. -0.000 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

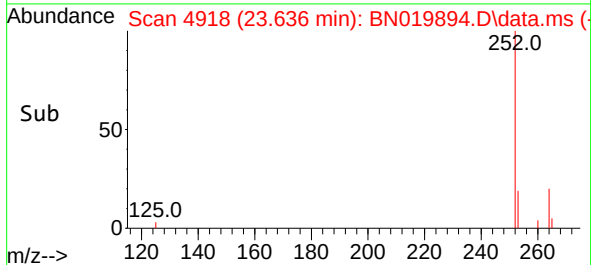
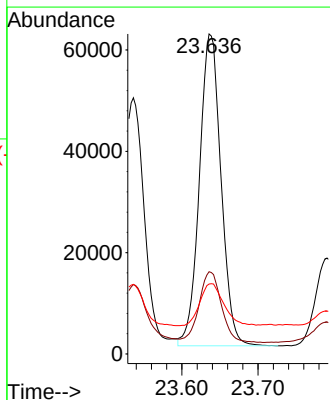
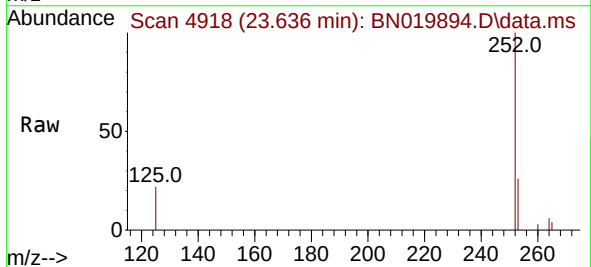
Instrument :
BNA_N
ClientSampleId :
EW4H3

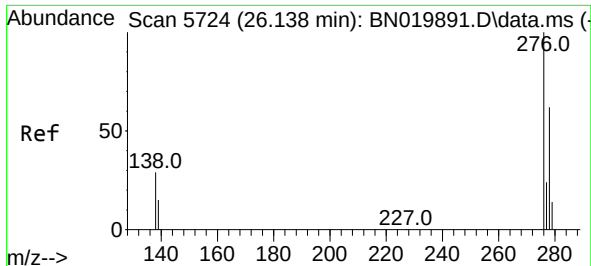
Tgt Ion:252 Resp: 232942
Ion Ratio Lower Upper
252 100
253 27.1 0.0 52.0
125 20.7 0.0 40.2



#26
Benzo(a)pyrene
Concen: 2.685 ng/ul
RT: 23.636 min Scan# 4918
Delta R.T. -0.003 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

Tgt Ion:252 Resp: 121271
Ion Ratio Lower Upper
252 100
253 25.7 23.4 35.0
125 21.9 28.3 42.5#

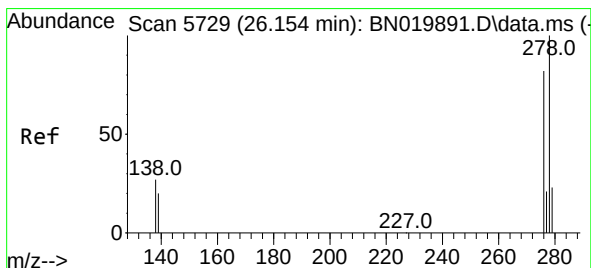
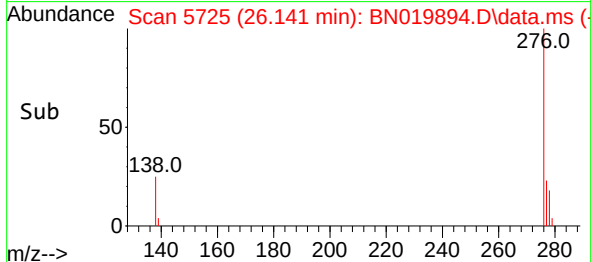
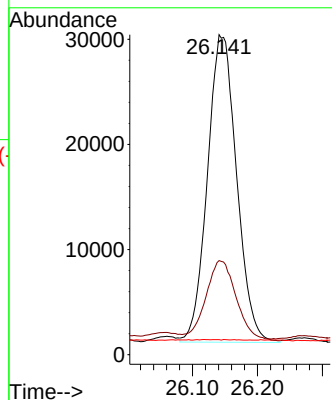
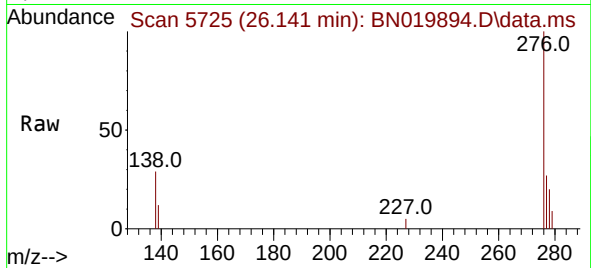




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.622 ng/ul
RT: 26.141 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

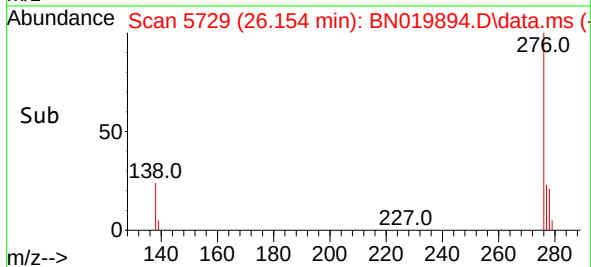
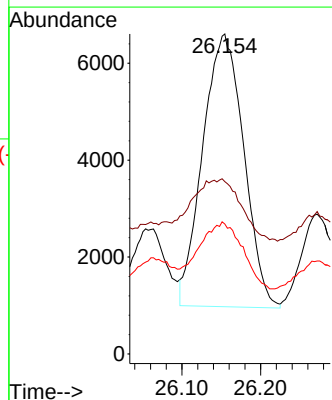
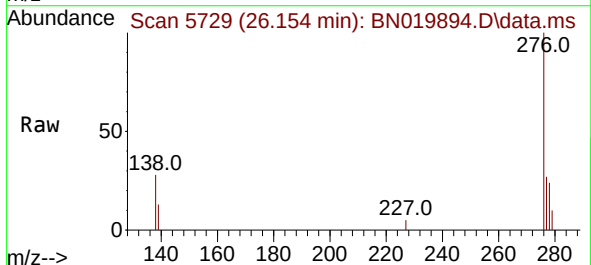
Instrument :
BNA_N
ClientSampleId :
EW4H3

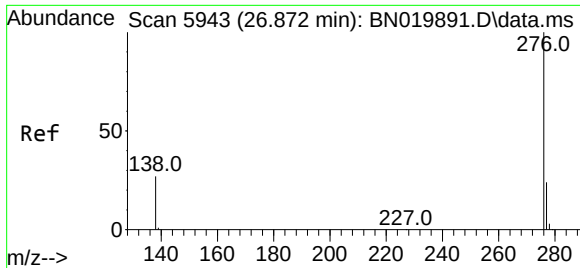
Tgt Ion: 276 Resp: 91364
Ion Ratio Lower Upper
276 100
138 25.9 23.6 35.4
227 0.1 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.433 ng/ul
RT: 26.154 min Scan# 5729
Delta R.T. -0.010 min
Lab File: BN019894.D
Acq: 21 May 2022 06:48

Tgt Ion: 278 Resp: 20376
Ion Ratio Lower Upper
278 100
139 53.8 18.6 28.0#
279 40.6 35.1 52.7





#29
 Benzo(g,h,i)perylene
 Concen: 1.574 ng/ul
 RT: 26.885 min Scan# 5947
 Delta R.T. 0.007 min
 Lab File: BN019894.D
 Acq: 21 May 2022 06:48

Instrument :
 BNA_N
 ClientSampleId :
 EW4H3

Tgt Ion:	276	Resp:	81038
Ion Ratio	Lower	Upper	
276	100		
138	30.2	20.9	31.3
277	27.2	20.4	30.6

