

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032283.D
 Acq On : 27 Jun 2024 16:59
 Operator : MA/JU
 Sample : P2909-16DL2 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DN6DL2

Quant Time: Jun 27 17:24:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

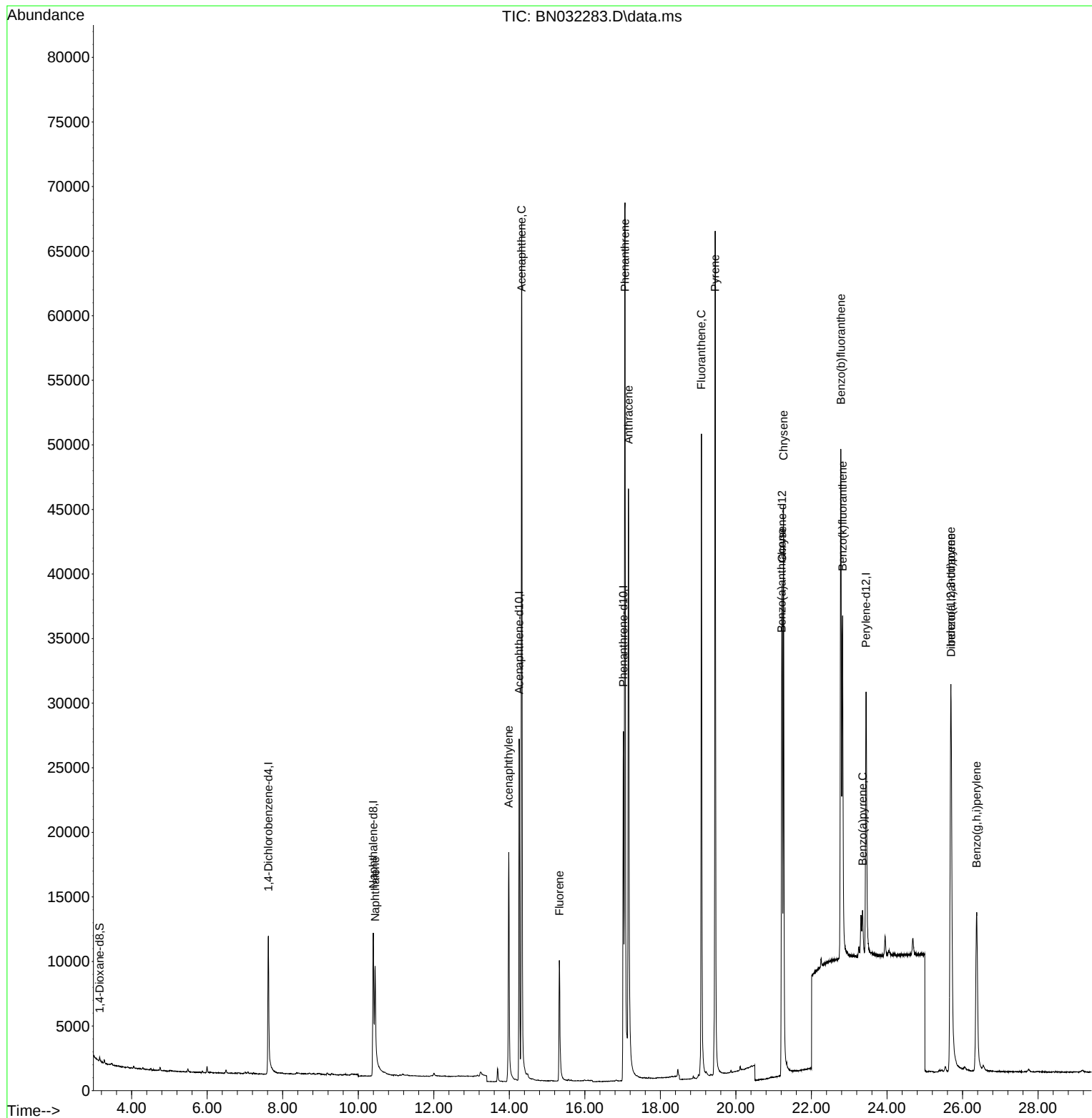
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	7000	0.400	ng/ul	0.00
4) Naphthalene-d8	10.398	136	21678	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	16119	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.020	188	36739	0.400	ng/ul	0.00
17) Chrysene-d12	21.226	240	31624	0.400	ng/ul	0.00
23) Perylene-d12	23.447	264	31511	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	254	0.033	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.004	152	485	0.015	ng/ul	0.00
18) Fluoranthene-d10	19.054	212	1695	0.018	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.447	128	14185	0.247	ng/ul	99
10) Acenaphthylene	13.984	152	24212	0.361	ng/ul	100
11) Acenaphthene	14.327	153	42070	0.809	ng/ul	98
12) Fluorene	15.326	166	8399	0.135	ng/ul	99
15) Phenanthrene	17.062	178	83830	0.832	ng/ul	99
16) Anthracene	17.155	178	64056	0.713	ng/ul	100
19) Fluoranthene	19.087	202	48672	0.404	ng/ul	98
20) Pyrene	19.449	202	60652	0.482	ng/ul	100
21) Benzo(a)anthracene	21.211	228	22629	0.198	ng/ul	99
22) Chrysene	21.261	228	42804	0.342	ng/ul	100
24) Benzo(b)fluoranthene	22.777	252	54341	0.397	ng/ul	99
25) Benzo(k)fluoranthene	22.824	252	37031	0.278	ng/ul#	96
26) Benzo(a)pyrene	23.353	252	5317	0.056	ng/ul#	38
27) Indeno(1,2,3-cd)pyrene	25.689	276	41304	0.277	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.699	278	32260	0.291	ng/ul	99
29) Benzo(g,h,i)perylene	26.377	276	29136	0.245	ng/ul	99

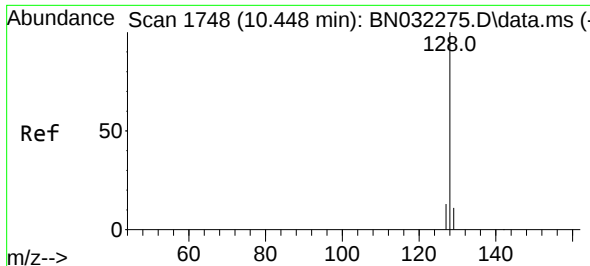
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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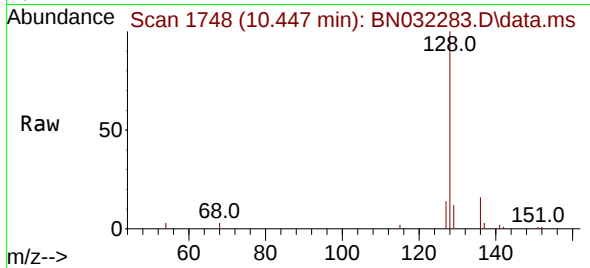
Quant Time: Jun 27 17:24:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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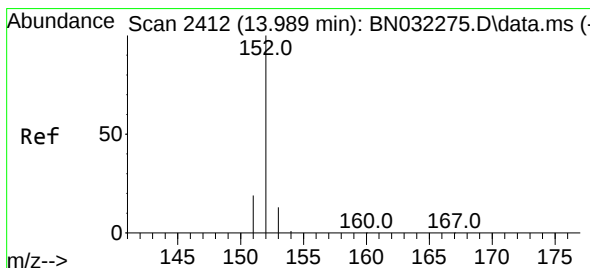
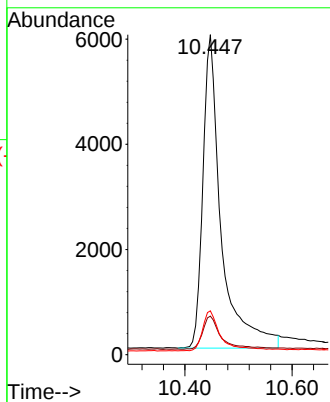
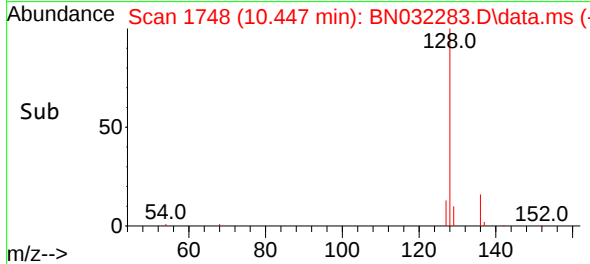


#5
Naphthalene
Concen: 0.247 ng/ul
RT: 10.447 min Scan# 1748
Delta R.T. -0.001 min
Lab File: BN032283.D
Acq: 27 Jun 2024 16:59

Instrument :
BNA_N
ClientSampleId :
A4DN6DL2

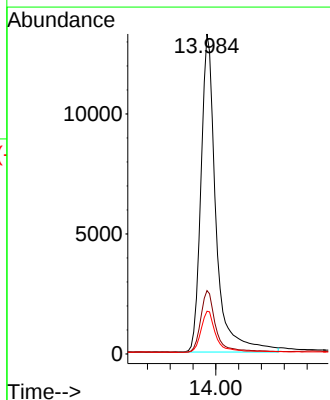
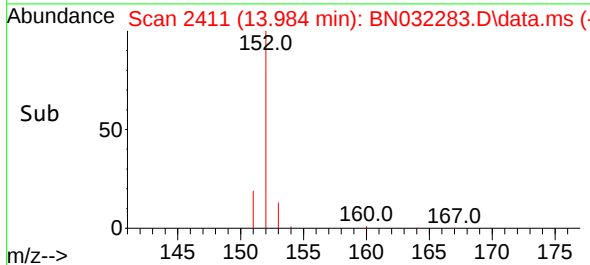
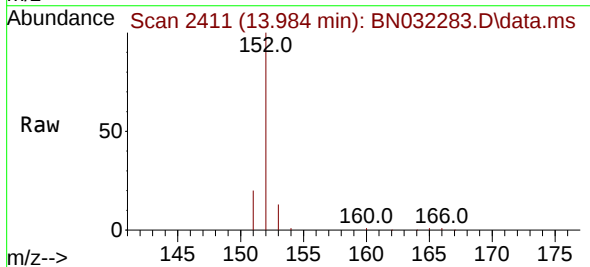


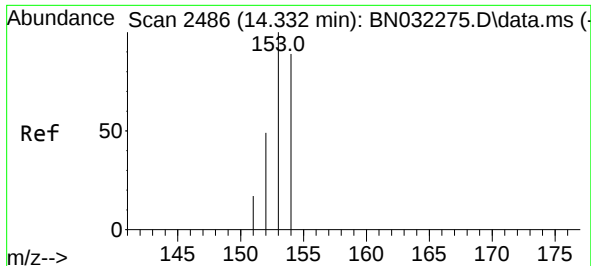
Tgt Ion:	128	Resp:	14185
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	13.7	10.8	16.2



#10
Acenaphthylene
Concen: 0.361 ng/ul
RT: 13.984 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032283.D
Acq: 27 Jun 2024 16:59

Tgt Ion:	152	Resp:	24212
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.4	10.9	16.3

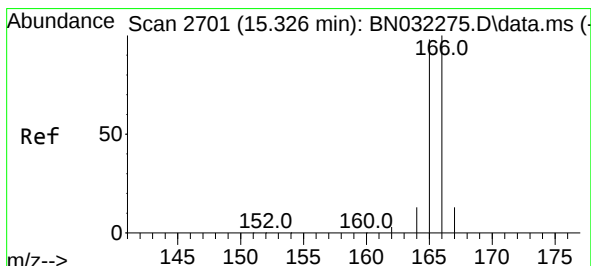
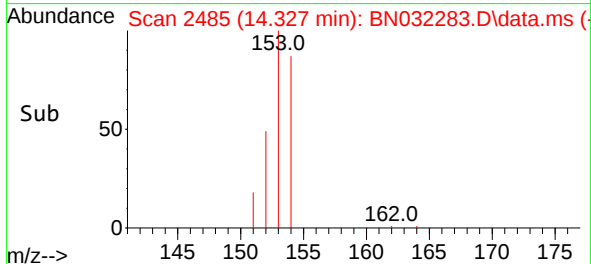
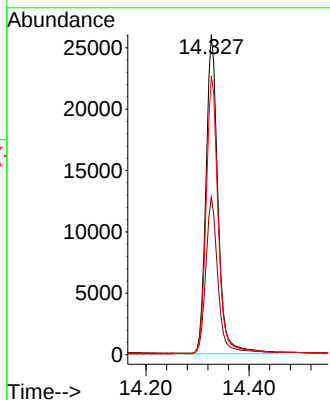
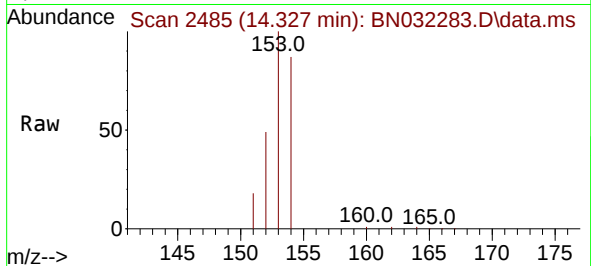




#11
Acenaphthene
Concen: 0.809 ng/u1
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032283.D
Acq: 27 Jun 2024 16:59

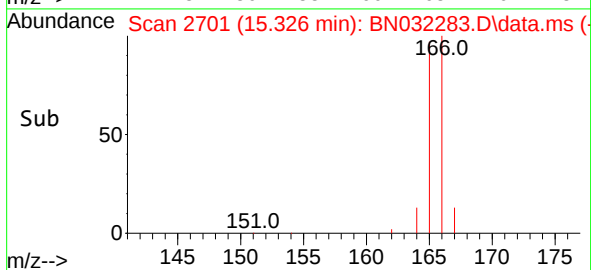
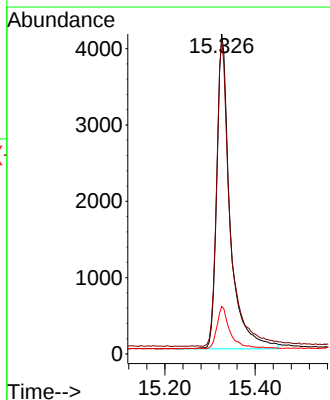
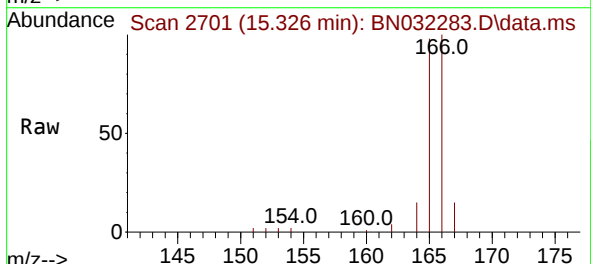
Instrument :
BNA_N
ClientSampleId :
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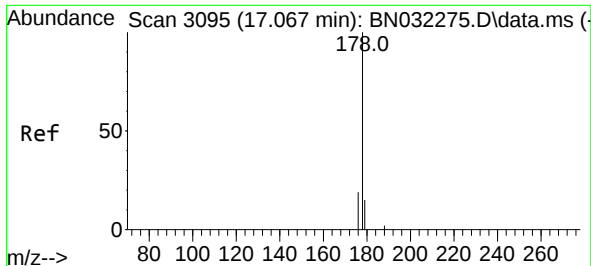
Tgt Ion:153 Resp: 42070
Ion Ratio Lower Upper
153 100
152 49.2 39.5 59.3
154 87.2 71.7 107.5



#12
Fluorene
Concen: 0.135 ng/u1
RT: 15.326 min Scan# 2701
Delta R.T. -0.001 min
Lab File: BN032283.D
Acq: 27 Jun 2024 16:59

Tgt Ion:166 Resp: 8399
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.6
167 14.9 11.0 16.6

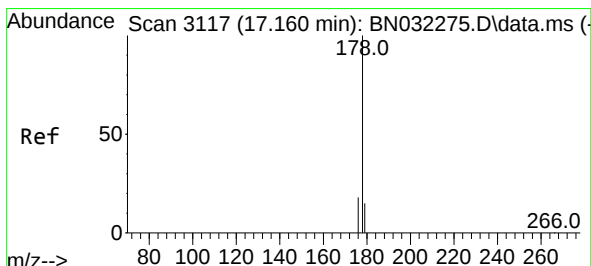
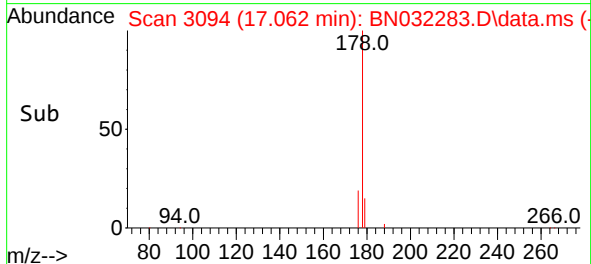
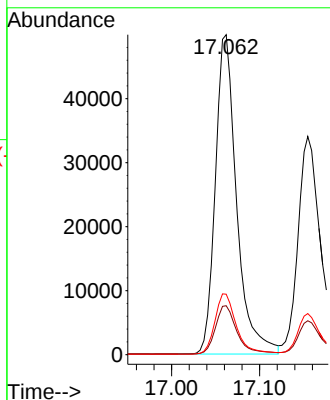
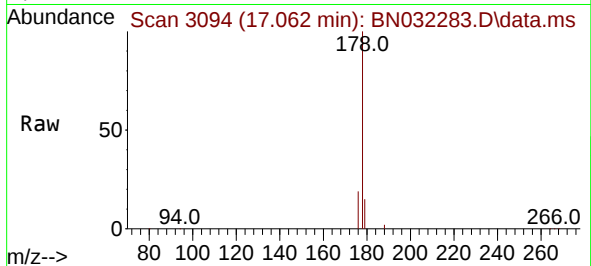




#15
Phenanthrene
Concen: 0.832 ng/ul
RT: 17.062 min Scan# 3094
Delta R.T. -0.005 min
Lab File: BN032283.D
Acq: 27 Jun 2024 16:59

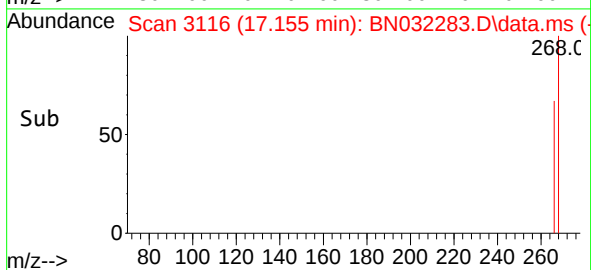
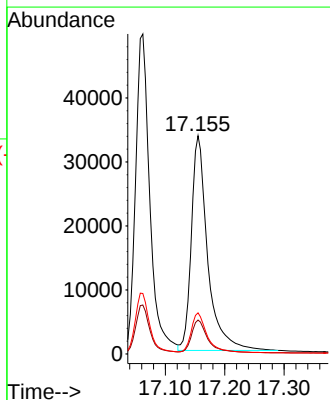
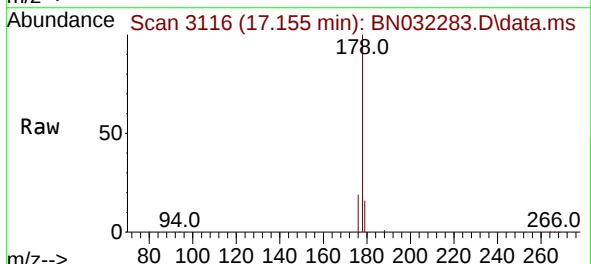
Instrument :
BNA_N
ClientSampleId :
A4DN6DL2

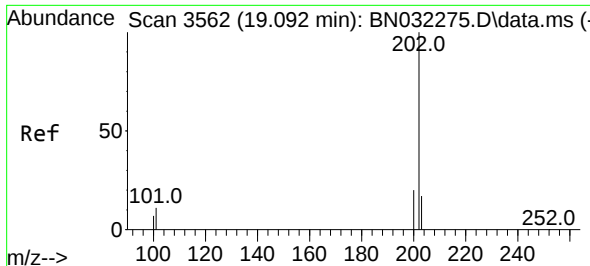
Tgt Ion:178 Resp: 83830
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 18.9 15.6 23.4



#16
Anthracene
Concen: 0.713 ng/ul
RT: 17.155 min Scan# 3116
Delta R.T. -0.005 min
Lab File: BN032283.D
Acq: 27 Jun 2024 16:59

Tgt Ion:178 Resp: 64056
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.9 15.0 22.6

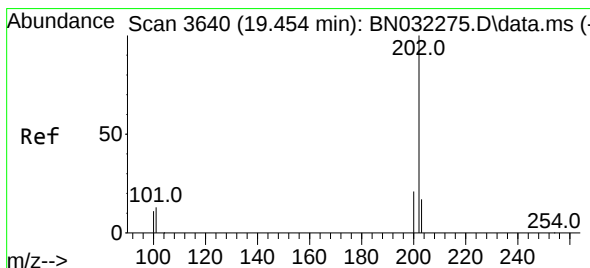
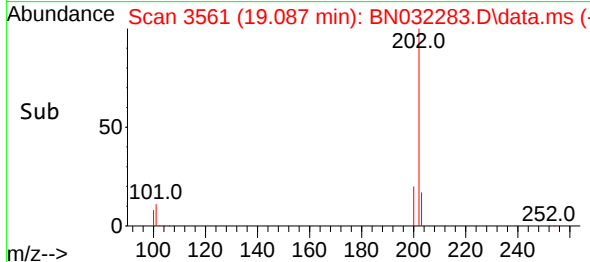
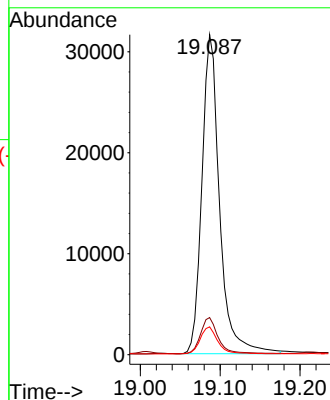
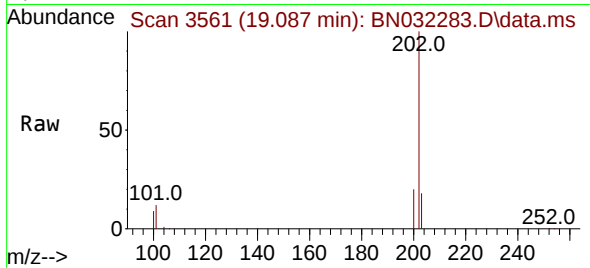




#19
Fluoranthene
Concen: 0.404 ng/u1
RT: 19.087 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN032283.D
Acq: 27 Jun 2024 16:59

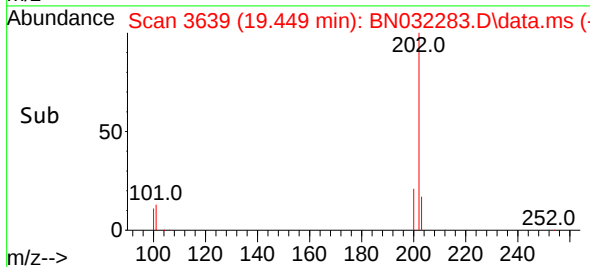
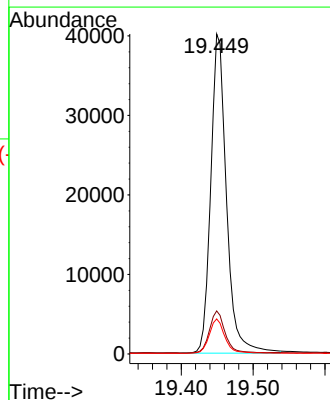
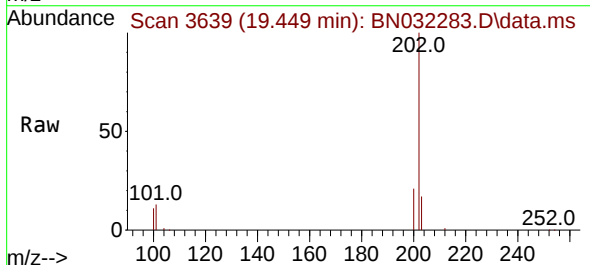
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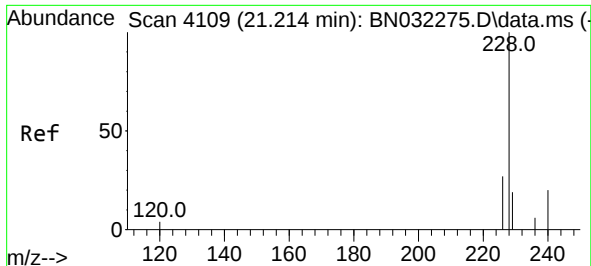
Tgt Ion:202 Resp: 48672
Ion Ratio Lower Upper
202 100
101 11.6 8.8 13.2
100 8.7 6.4 9.6



#20
Pyrene
Concen: 0.482 ng/u1
RT: 19.449 min Scan# 3639
Delta R.T. -0.005 min
Lab File: BN032283.D
Acq: 27 Jun 2024 16:59

Tgt Ion:202 Resp: 60652
Ion Ratio Lower Upper
202 100
101 13.5 11.0 16.4
100 10.9 8.7 13.1

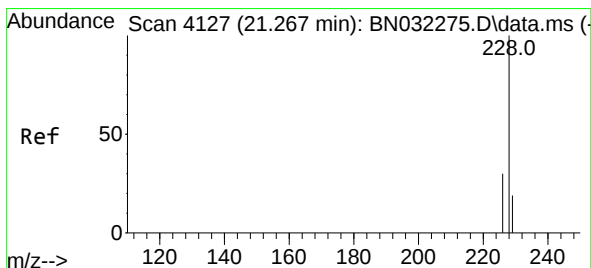
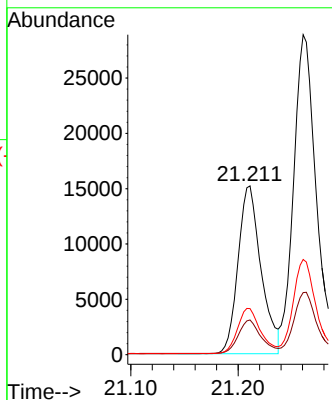
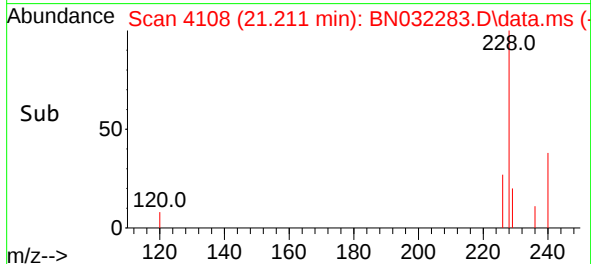
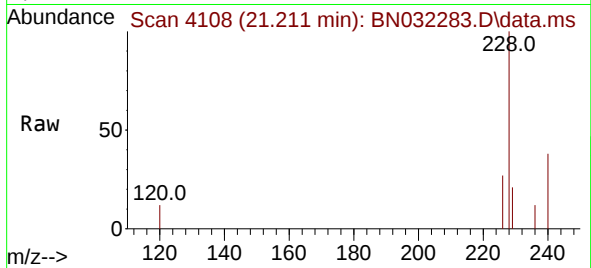




#21
Benzo(a)anthracene
Concen: 0.198 ng/ul
RT: 21.211 min Scan# 4109
Delta R.T. -0.003 min
Lab File: BN032283.D
Acq: 27 Jun 2024 16:59

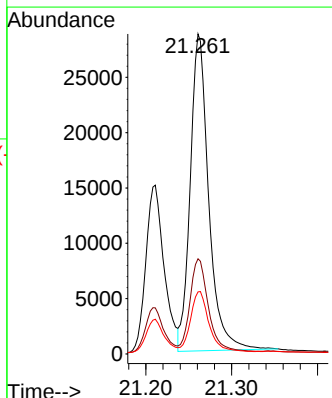
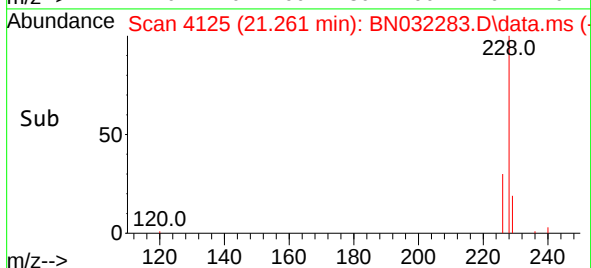
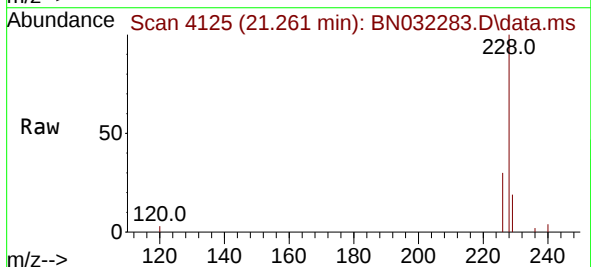
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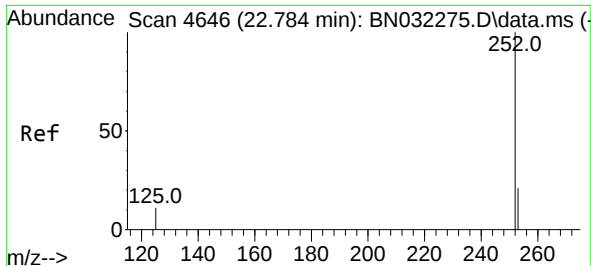
Tgt Ion:228 Resp: 22629
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 27.3 21.8 32.8



#22
Chrysene
Concen: 0.342 ng/ul
RT: 21.261 min Scan# 4125
Delta R.T. -0.006 min
Lab File: BN032283.D
Acq: 27 Jun 2024 16:59

Tgt Ion:228 Resp: 42804
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 19.4 15.7 23.5

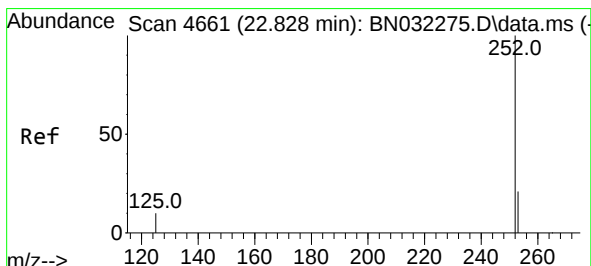
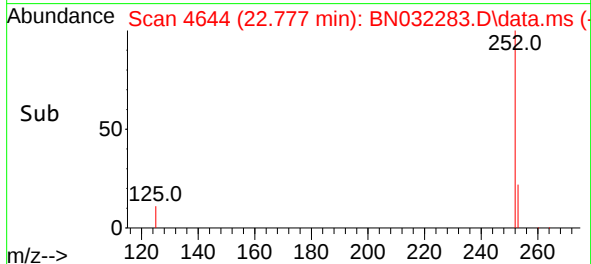
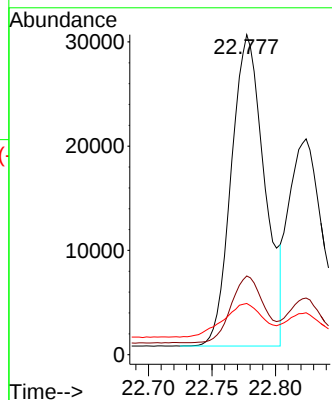
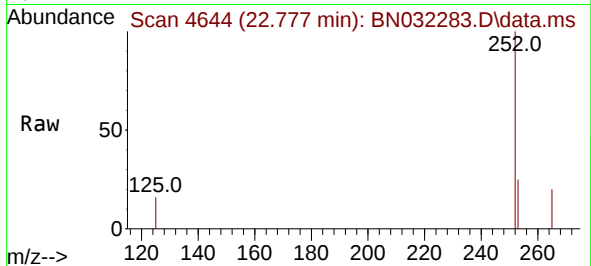




#24
Benzo(b)fluoranthene
Concen: 0.397 ng/ul
RT: 22.777 min Scan# 4644
Delta R.T. -0.006 min
Lab File: BN032283.D
Acq: 27 Jun 2024 16:59

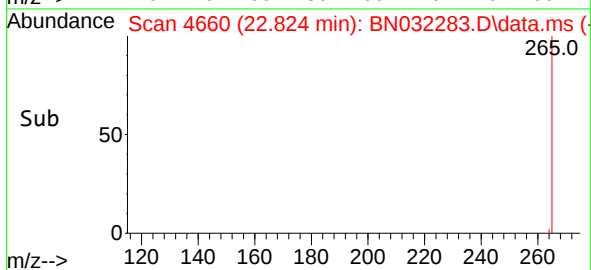
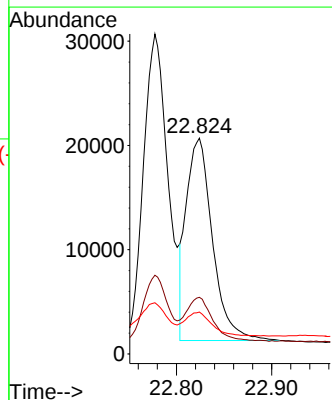
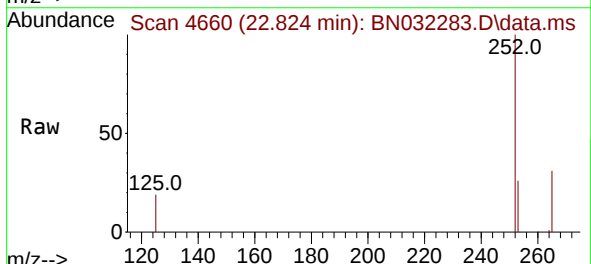
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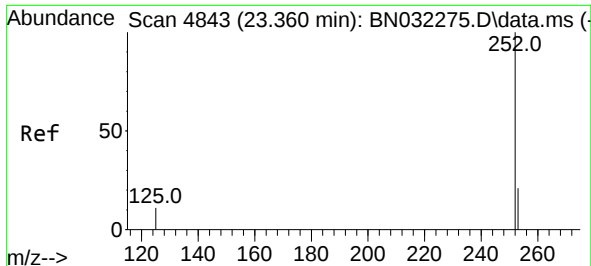
Tgt Ion:252 Resp: 54341
Ion Ratio Lower Upper
252 100
253 24.6 0.0 50.2
125 16.0 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.278 ng/ul
RT: 22.824 min Scan# 4660
Delta R.T. -0.003 min
Lab File: BN032283.D
Acq: 27 Jun 2024 16:59

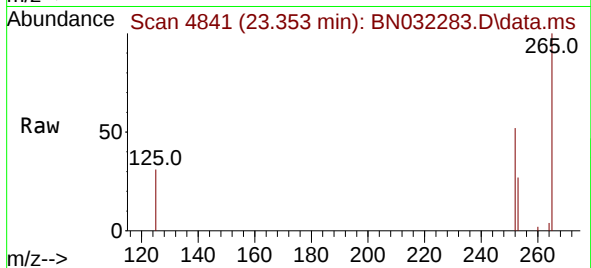
Tgt Ion:252 Resp: 37031
Ion Ratio Lower Upper
252 100
253 26.2 20.3 30.5
125 19.4 12.8 19.2#



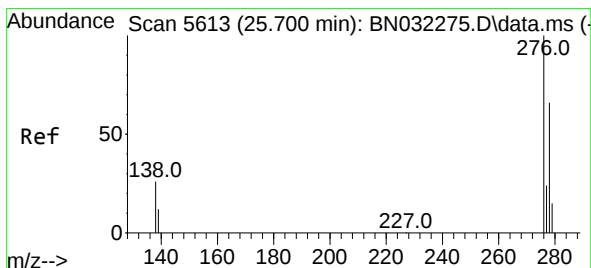
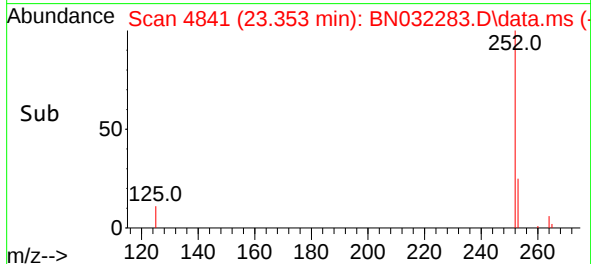
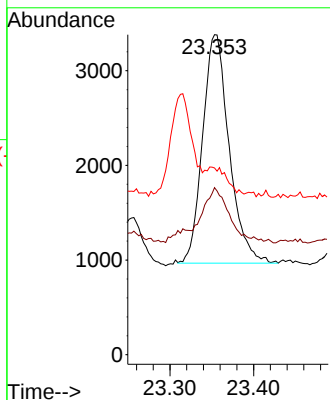


#26
Benzo(a)pyrene
Concen: 0.056 ng/ul
RT: 23.353 min Scan# 4841
Delta R.T. -0.006 min
Lab File: BN032283.D
Acq: 27 Jun 2024 16:59

Instrument :
BNA_N
ClientSampleId :
A4DN6DL2

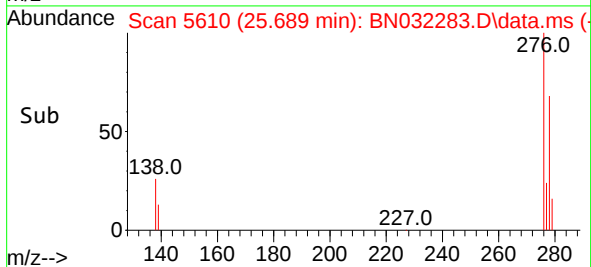
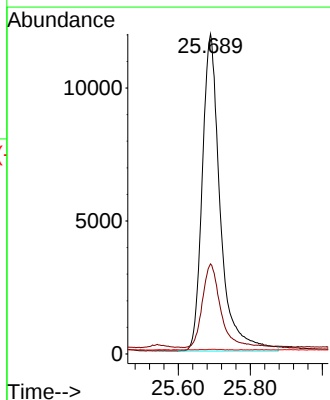
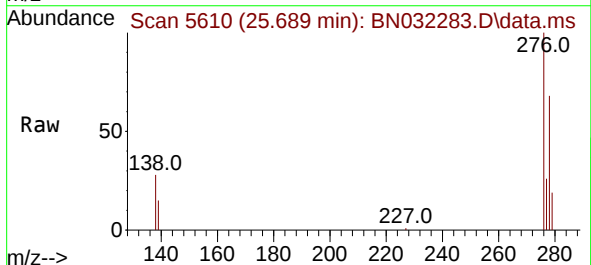


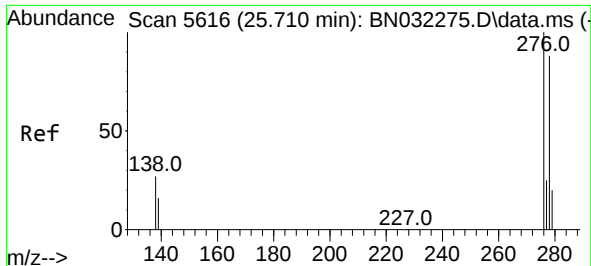
Tgt Ion:252 Resp: 5317
Ion Ratio Lower Upper
252 100
253 52.2 22.2 33.2#
125 58.4 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.277 ng/ul
RT: 25.689 min Scan# 5610
Delta R.T. -0.011 min
Lab File: BN032283.D
Acq: 27 Jun 2024 16:59

Tgt Ion:276 Resp: 41304
Ion Ratio Lower Upper
276 100
138 27.1 21.3 31.9
227 0.0 0.1 0.1#

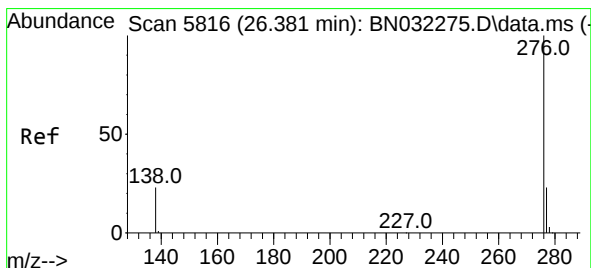
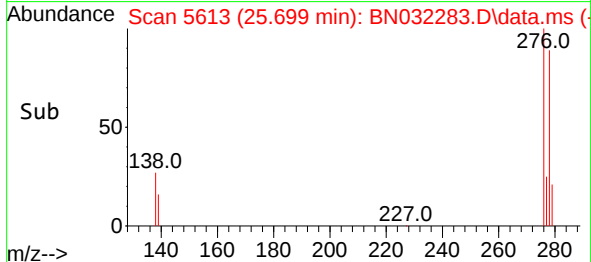
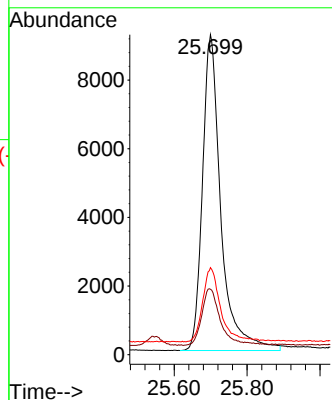
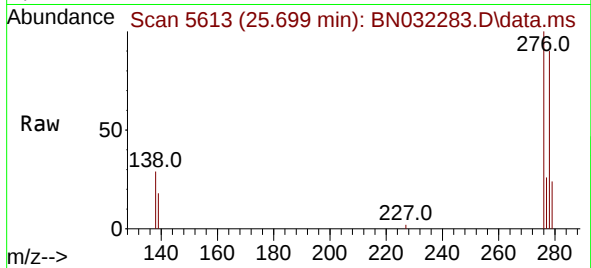




#28
 Dibenzo(a,h)anthracene
 Concen: 0.291 ng/ul
 RT: 25.699 min Scan# 5613
 Delta R.T. -0.011 min
 Lab File: BN032283.D
 Acq: 27 Jun 2024 16:59

Instrument :
 BNA_N
 ClientSampleId :
 A4DN6DL2

Tgt Ion:278 Resp: 32260
 Ion Ratio Lower Upper
 278 100
 139 20.5 15.9 23.9
 279 27.2 21.1 31.7



#29
 Benzo(g,h,i)perylene
 Concen: 0.245 ng/ul
 RT: 26.377 min Scan# 5815
 Delta R.T. -0.004 min
 Lab File: BN032283.D
 Acq: 27 Jun 2024 16:59

Tgt Ion:276 Resp: 29136
 Ion Ratio Lower Upper
 276 100
 138 25.4 19.8 29.6
 277 25.4 19.8 29.6

