

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019560.D
 Acq On : 28 Apr 2022 11:26
 Operator : CG/JU
 Sample : SST0.833
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8233

Quant Time: Apr 28 12:57:35 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 : Thu Apr 28 12:54:20 2022
 Response via : Initial Calibration

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

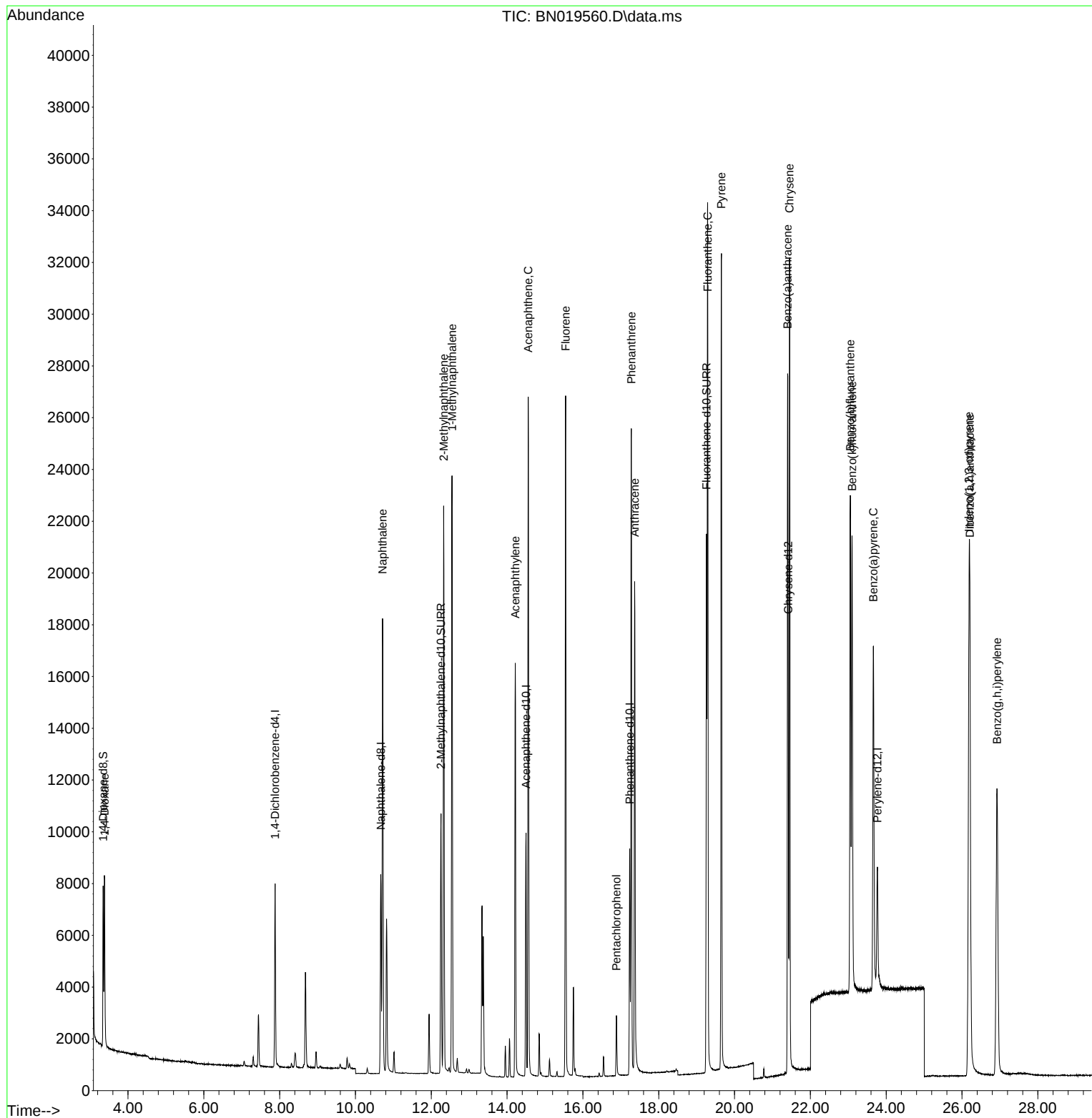
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	3915	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	10729	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.498	164	5390	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.235	188	10351	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	8743	0.400	ng/ul	# 0.00
23) Perylene-d12	23.768	264	6821	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	3882	0.818	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	13693	0.951	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	23363	0.655	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	4141	0.854	ng/ul#	75
5) Naphthalene	10.716	128	25144	0.825	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	15554	0.819	ng/ul#	100
8) 1-Methylnaphthalene	12.547	142	16549	0.809	ng/ul#	100
10) Acenaphthylene	14.216	152	19333	0.973	ng/ul	99
11) Acenaphthene	14.558	153	15570	0.795	ng/ul	98
12) Fluorene	15.544	166	17383	0.865	ng/ul	100
14) Pentachlorophenol	16.884	266	1661	1.203	ng/ul	91
15) Phenanthrene	17.277	178	27634	0.784	ng/ul	99
16) Anthracene	17.366	178	22604	0.892	ng/ul	99
19) Fluoranthene	19.291	202	29526	0.608	ng/ul	99
20) Pyrene	19.653	202	28905	0.551	ng/ul	99
21) Benzo(a)anthracene	21.401	228	23255	0.931	ng/ul	99
22) Chrysene	21.450	228	27614	0.850	ng/ul	99
24) Benzo(b)fluoranthene	23.052	252	25552	0.790	ng/ul	94
25) Benzo(k)fluoranthene	23.099	252	25201	0.713	ng/ul#	95
26) Benzo(a)pyrene	23.663	252	21977	0.783	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.185	276	27477	0.960	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.205	278	23049	1.213	ng/ul#	82
29) Benzo(g,h,i)perylene	26.923	276	25013	0.825	ng/ul	95

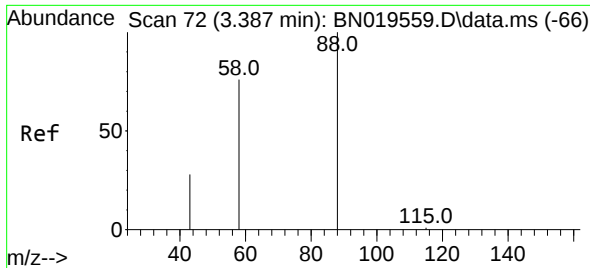
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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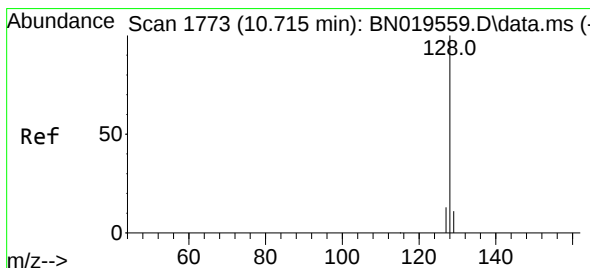
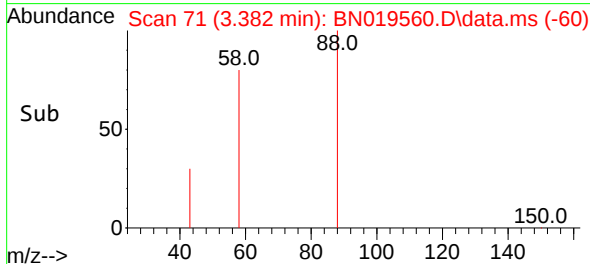
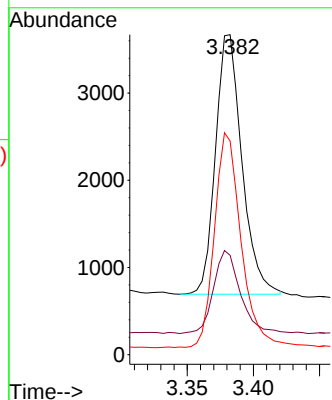
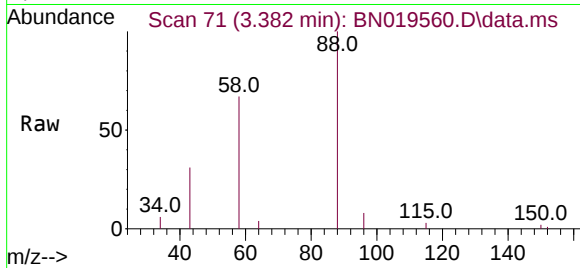




#2
 1,4-Dioxane
 Concen: 0.854 ng/ul
 RT: 3.382 min Scan# 71
 Delta R.T. -0.004 min
 Lab File: BN019560.D
 Acq: 28 Apr 2022 11:26

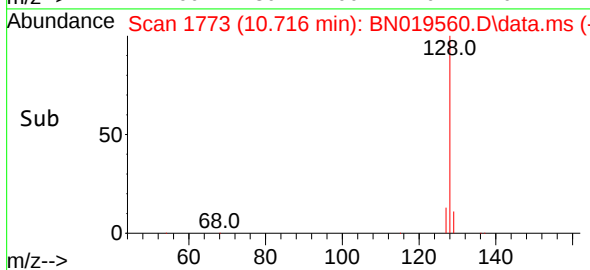
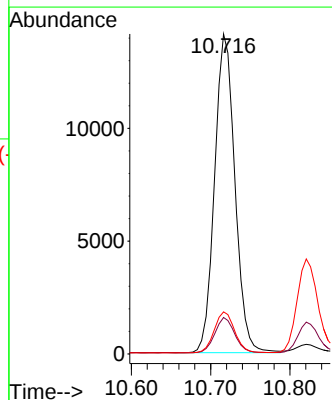
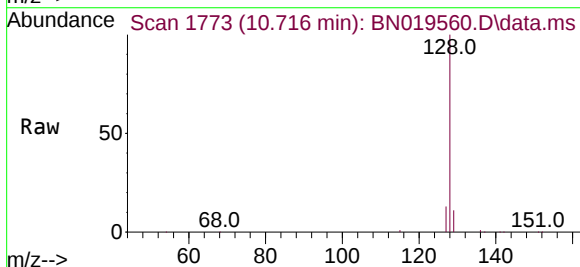
Instrument :
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 ClientSampleId :
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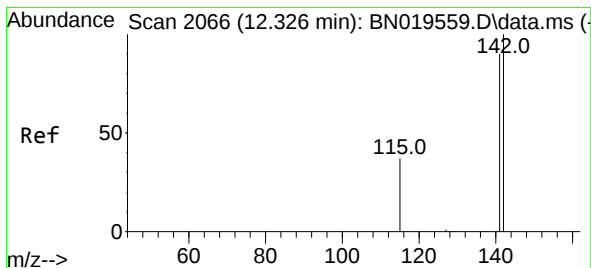
Tgt Ion: 88 Resp: 4141
 Ion Ratio Lower Upper
 88 100
 43 31.0 39.0 58.4#
 58 66.8 39.8 59.8#



#5
 Naphthalene
 Concen: 0.825 ng/ul
 RT: 10.716 min Scan# 1773
 Delta R.T. 0.001 min
 Lab File: BN019560.D
 Acq: 28 Apr 2022 11:26

Tgt Ion: 128 Resp: 25144
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.5 14.3
 127 13.2 11.0 16.4

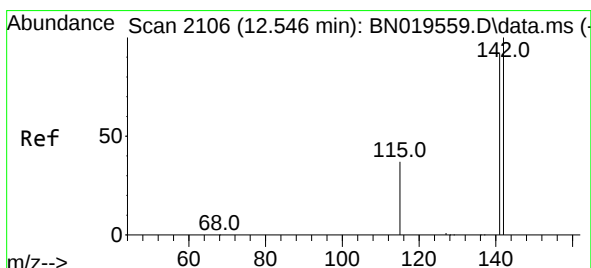
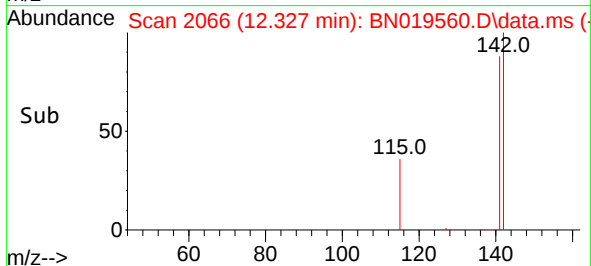
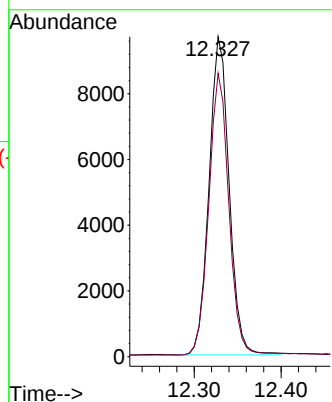
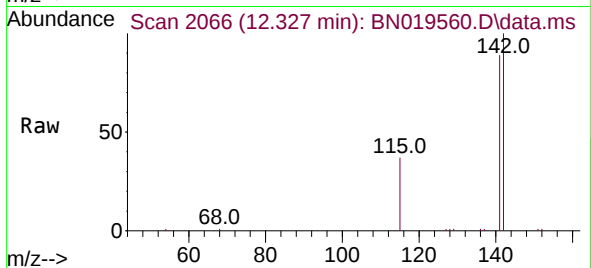




#7
2-Methylnaphthalene
Concen: 0.819 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

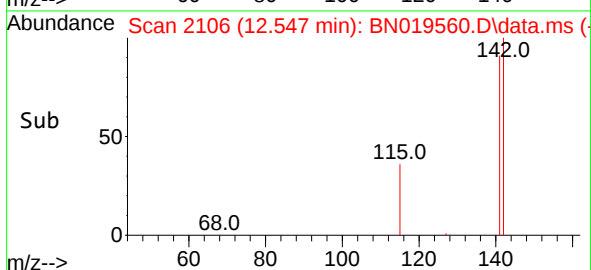
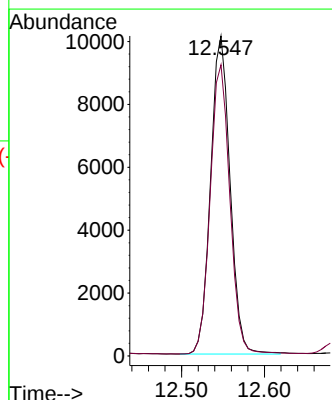
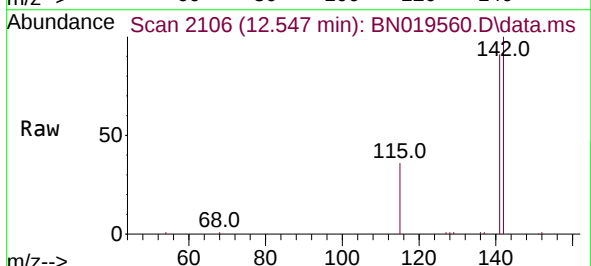
Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

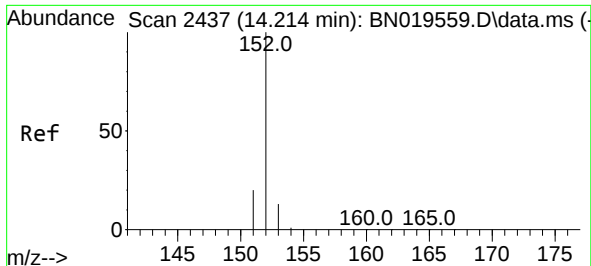
Tgt Ion:142 Resp: 15554
Ion Ratio Lower Upper
142 100
141 88.2 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.809 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.001 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

Tgt Ion:142 Resp: 16549
Ion Ratio Lower Upper
142 100
141 91.7 0.0 0.0#

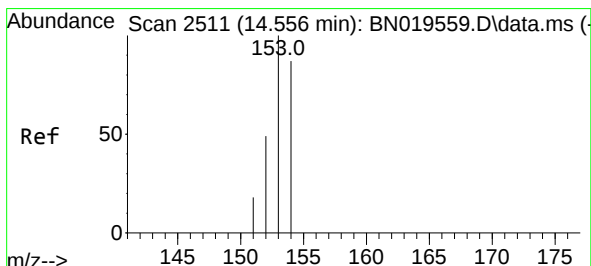
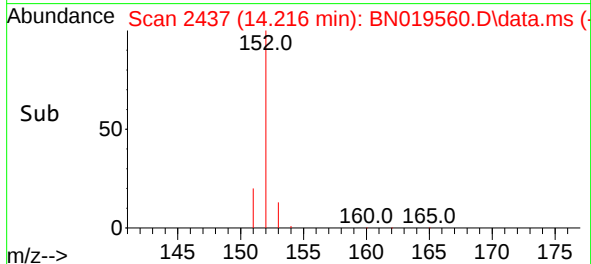
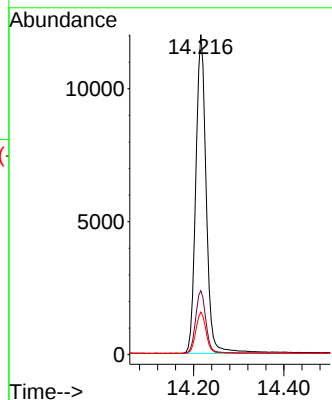
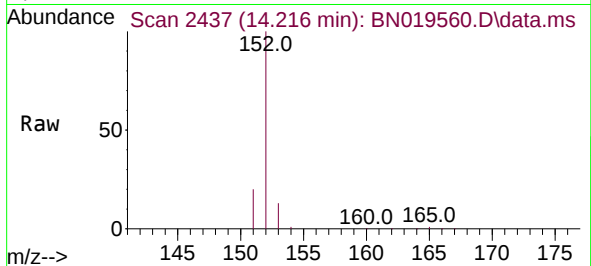




#10
Acenaphthylene
Concen: 0.973 ng/ul
RT: 14.216 min Scan# 2437
Delta R.T. 0.002 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

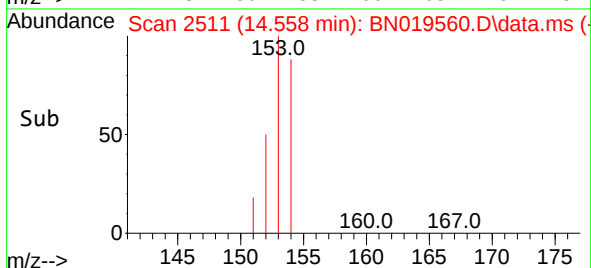
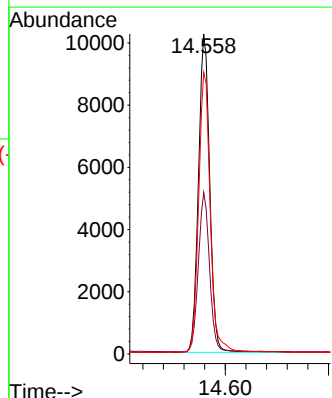
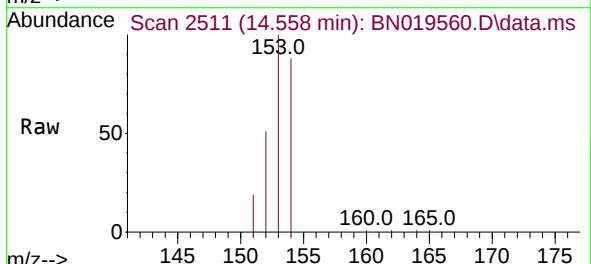
Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

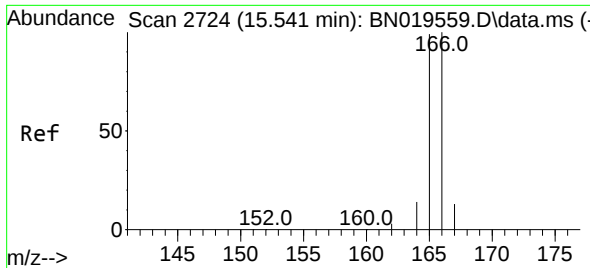
Tgt Ion:152 Resp: 19333
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.3 11.1 16.7



#11
Acenaphthene
Concen: 0.795 ng/ul
RT: 14.558 min Scan# 2511
Delta R.T. 0.002 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

Tgt Ion:153 Resp: 15570
Ion Ratio Lower Upper
153 100
152 50.5 38.6 57.8
154 88.0 71.2 106.8

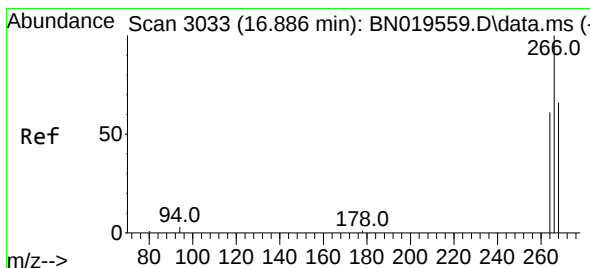
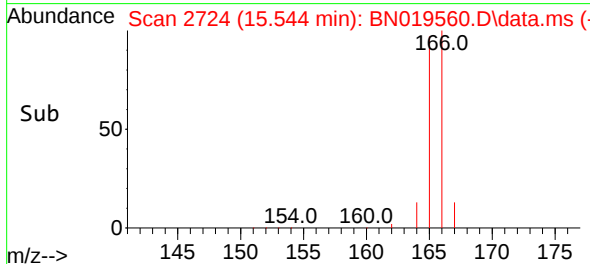
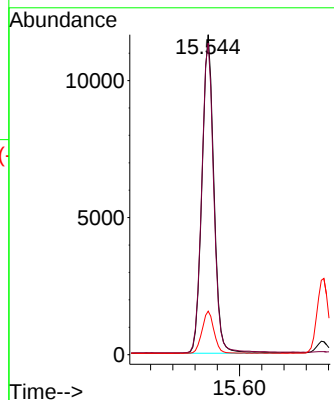
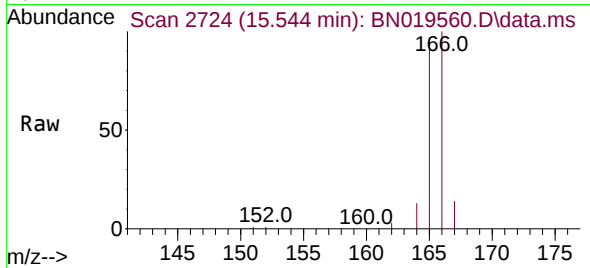




#12
 Fluorene
 Concen: 0.865 ng/ul
 RT: 15.544 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BN019560.D
 Acq: 28 Apr 2022 11:26

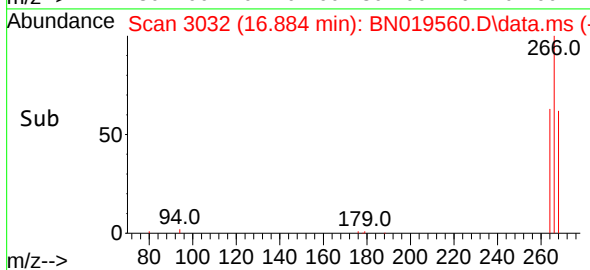
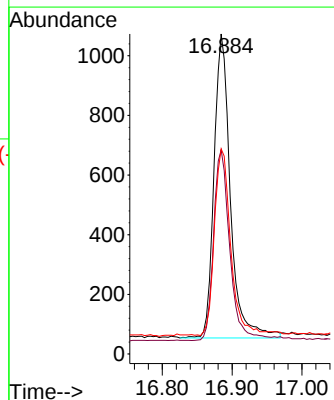
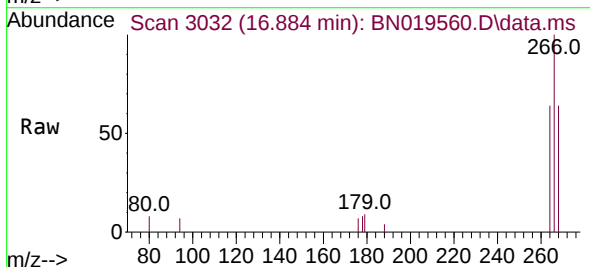
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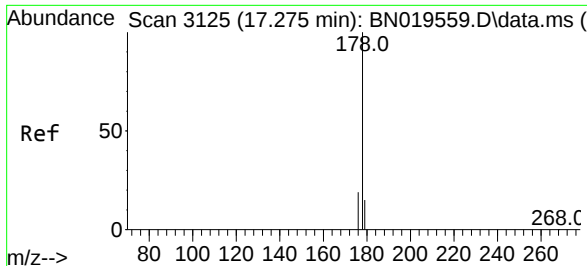
Tgt Ion:166 Resp: 17383
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.2 117.2
 167 13.6 11.3 16.9



#14
 Pentachlorophenol
 Concen: 1.203 ng/ul
 RT: 16.884 min Scan# 3032
 Delta R.T. -0.002 min
 Lab File: BN019560.D
 Acq: 28 Apr 2022 11:26

Tgt Ion:266 Resp: 1661
 Ion Ratio Lower Upper
 266 100
 264 62.7 44.9 67.3
 268 61.7 44.6 67.0

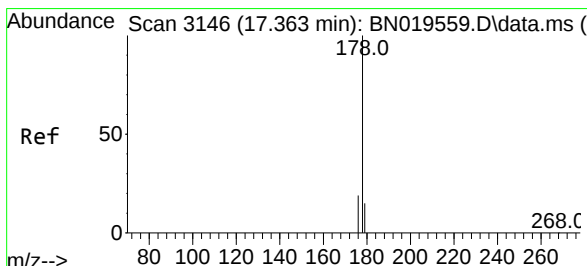
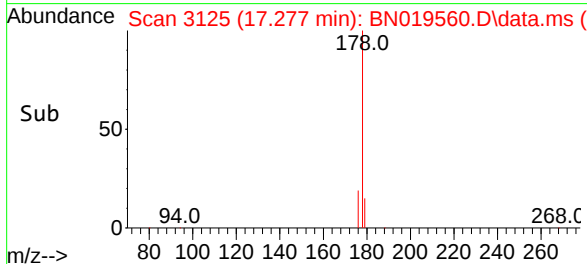
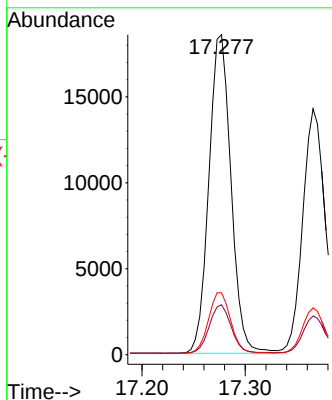
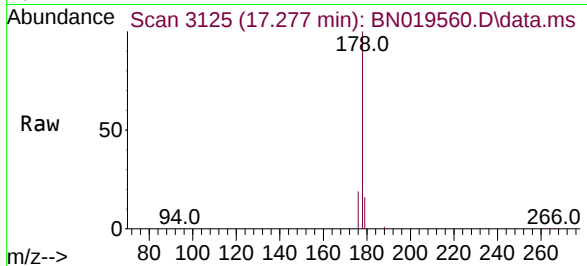




#15
Phenanthrene
Concen: 0.784 ng/ul
RT: 17.277 min Scan# 3125
Delta R.T. 0.002 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

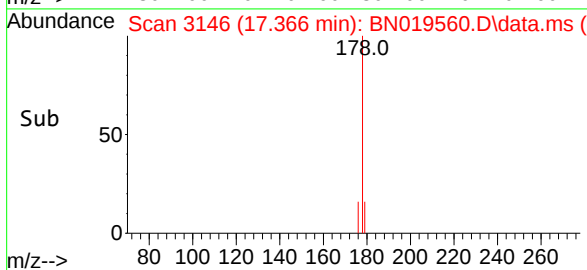
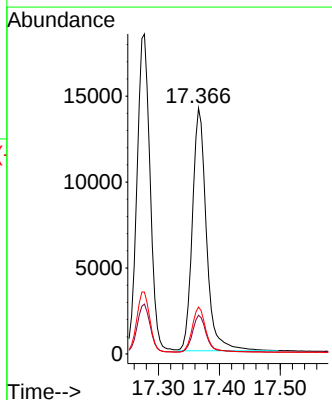
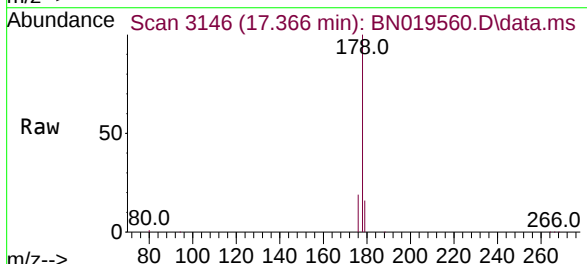
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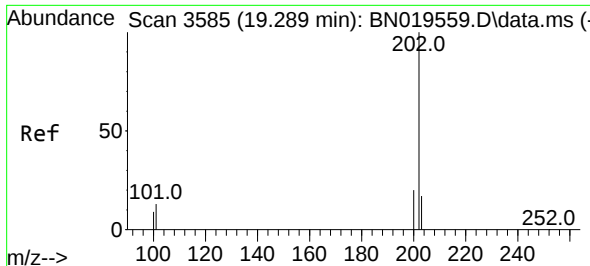
Tgt Ion:178 Resp: 27634
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.3 15.5 23.3



#16
Anthracene
Concen: 0.892 ng/ul
RT: 17.366 min Scan# 3146
Delta R.T. 0.002 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

Tgt Ion:178 Resp: 22604
Ion Ratio Lower Upper
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179 15.8 13.1 19.7
176 19.1 15.3 22.9

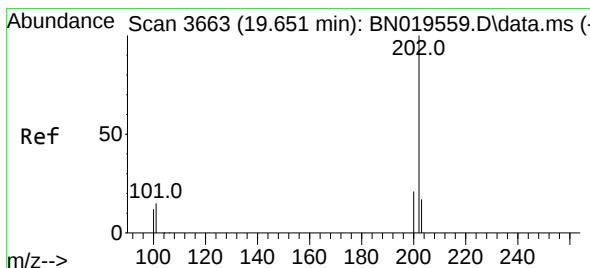
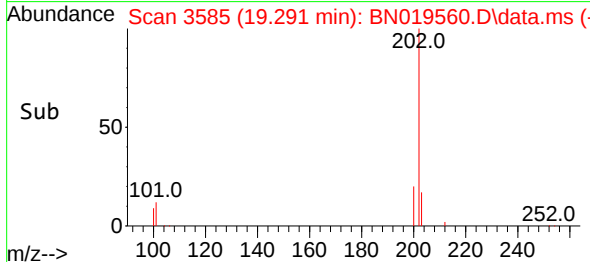
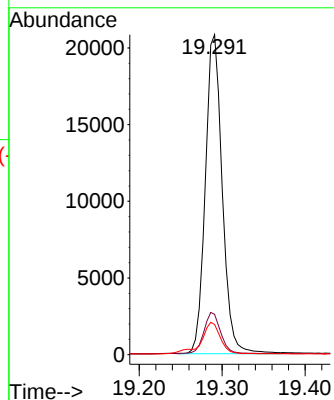
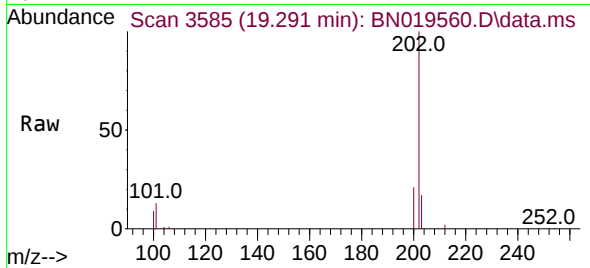




#19
Fluoranthene
Concen: 0.608 ng/u1
RT: 19.291 min Scan# 3585
Delta R.T. 0.002 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

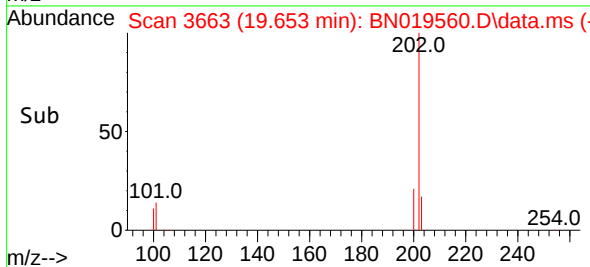
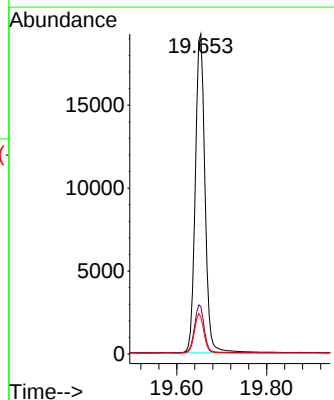
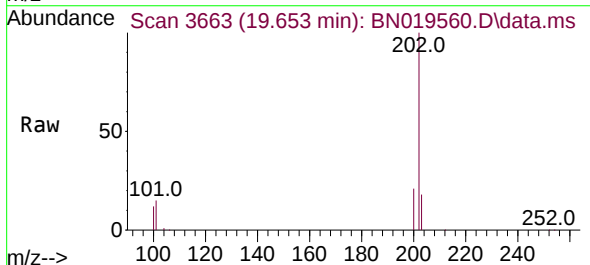
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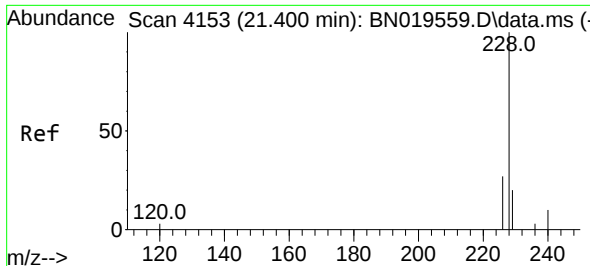
Tgt Ion:202 Resp: 29526
Ion Ratio Lower Upper
202 100
101 12.6 9.7 14.5
100 9.5 7.4 11.2



#20
Pyrene
Concen: 0.551 ng/u1
RT: 19.653 min Scan# 3663
Delta R.T. 0.002 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

Tgt Ion:202 Resp: 28905
Ion Ratio Lower Upper
202 100
101 14.8 11.4 17.0
100 11.6 9.0 13.4

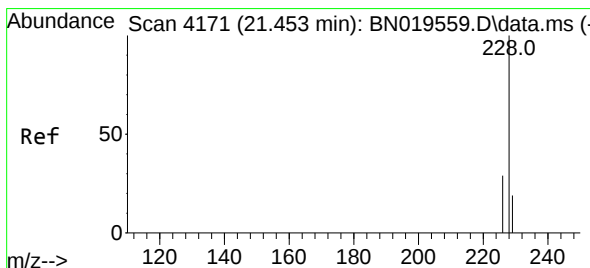
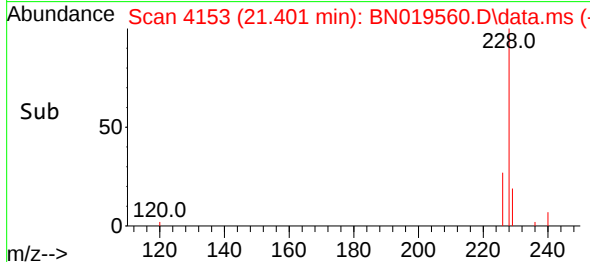
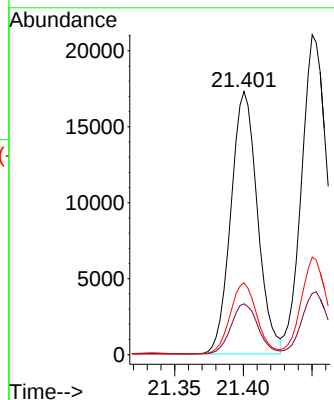
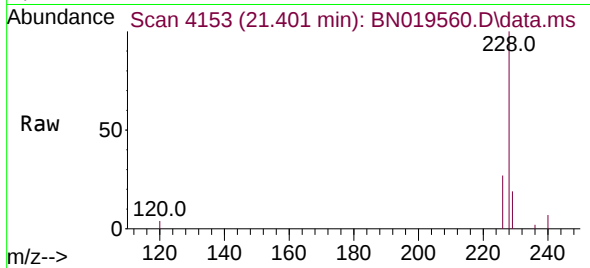




#21
Benzo(a)anthracene
Concen: 0.931 ng/ul
RT: 21.401 min Scan# 4153
Delta R.T. 0.000 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

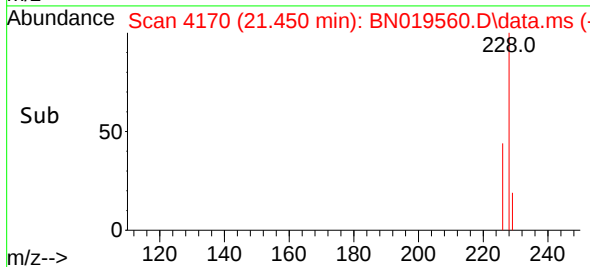
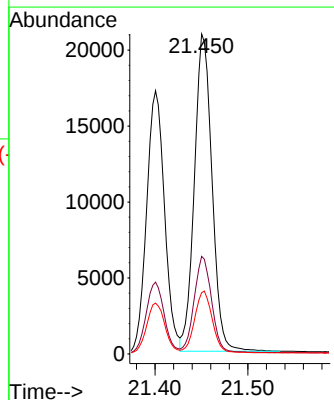
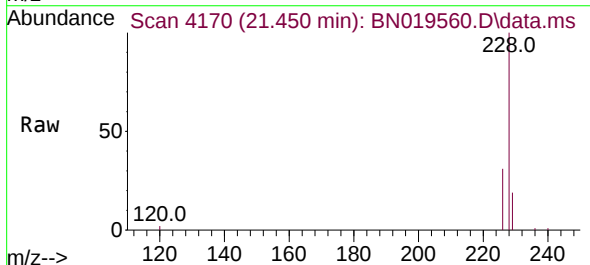
Instrument :
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ClientSampleId :
SSTD0.8233

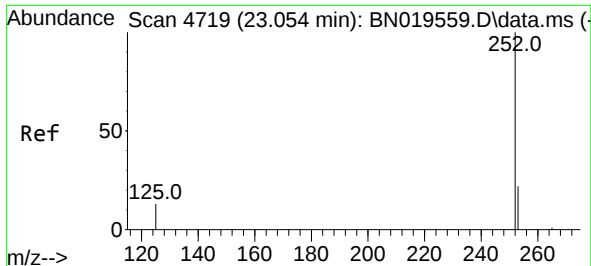
Tgt Ion:228 Resp: 23255
Ion Ratio Lower Upper
228 100
229 19.3 16.1 24.1
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.850 ng/ul
RT: 21.450 min Scan# 4170
Delta R.T. -0.002 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

Tgt Ion:228 Resp: 27614
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.1 16.0 24.0

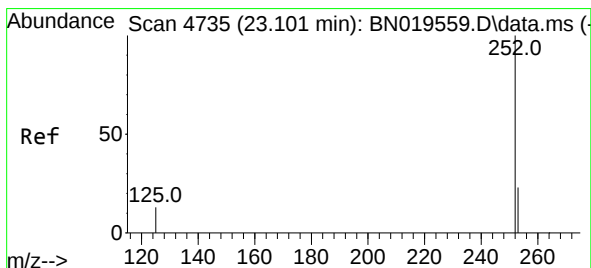
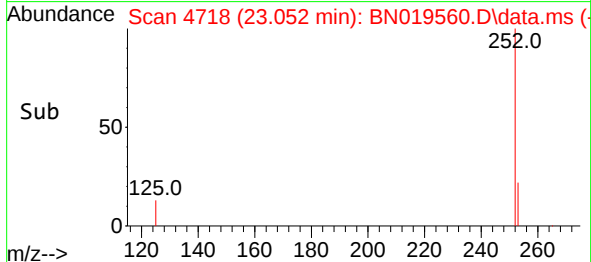
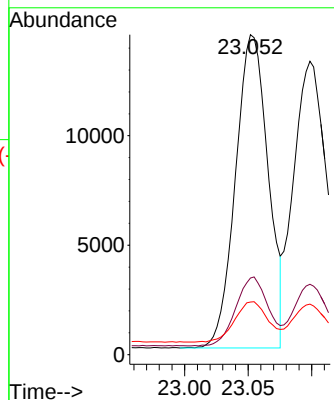
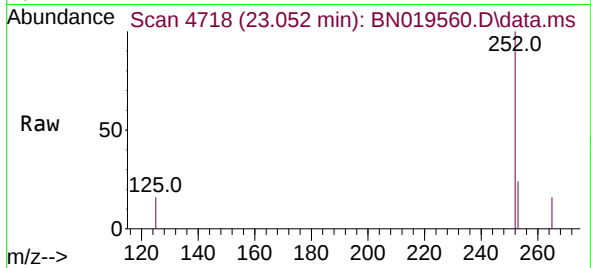




#24
Benzo(b)fluoranthene
Concen: 0.790 ng/ul
RT: 23.052 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

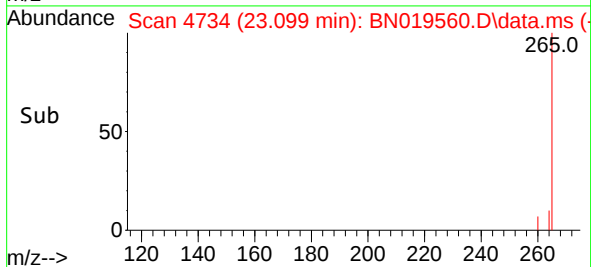
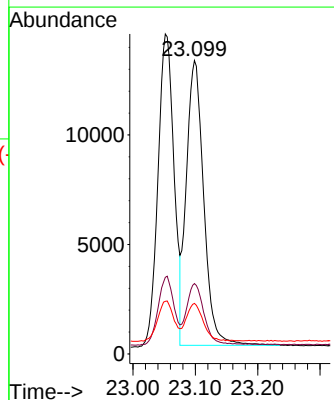
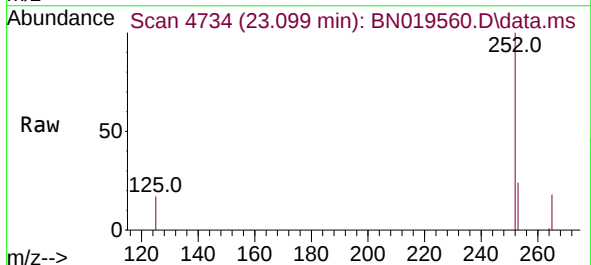
Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

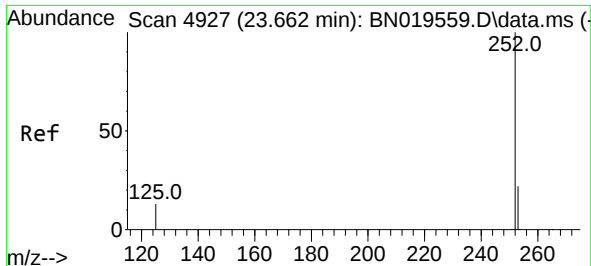
Tgt Ion:252 Resp: 25552
Ion Ratio Lower Upper
252 100
253 24.0 0.0 52.0
125 16.5 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.713 ng/ul
RT: 23.099 min Scan# 4734
Delta R.T. -0.003 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

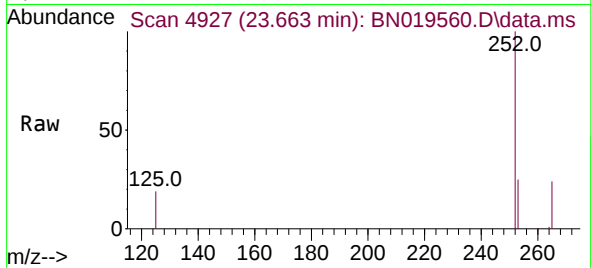
Tgt Ion:252 Resp: 25201
Ion Ratio Lower Upper
252 100
253 24.0 20.2 30.2
125 17.2 11.0 16.6#



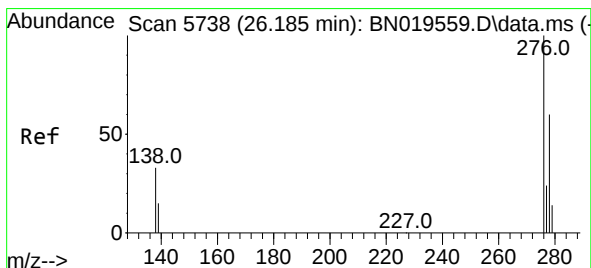
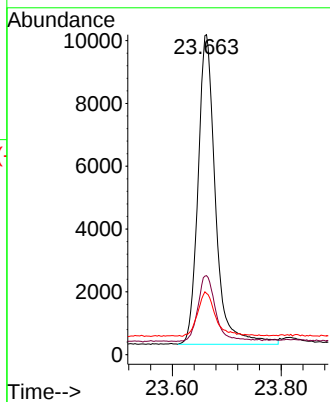
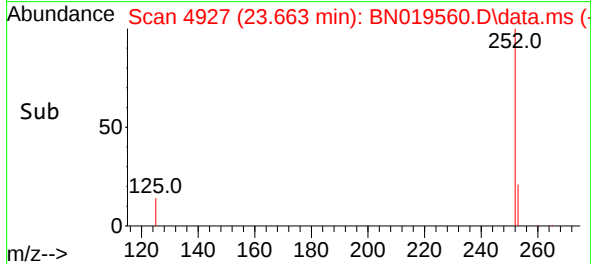


#26
Benzo(a)pyrene
Concen: 0.783 ng/ul
RT: 23.663 min Scan# 4927
Delta R.T. 0.000 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

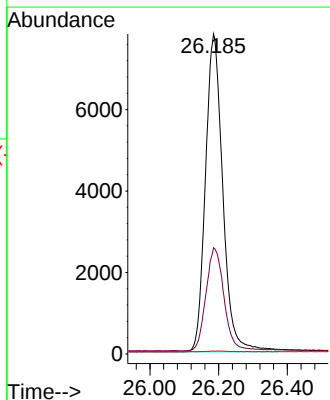
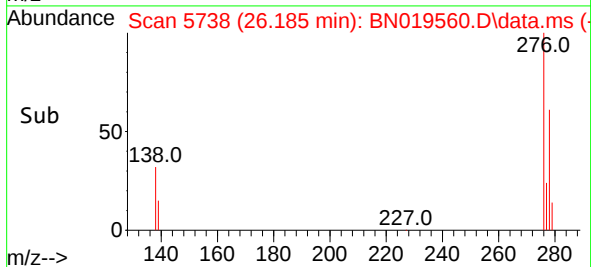
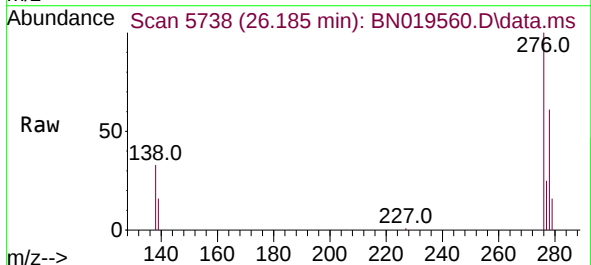


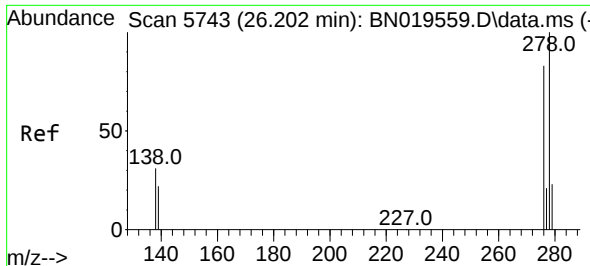
Tgt Ion:252 Resp: 21977
Ion Ratio Lower Upper
252 100
253 24.7 23.4 35.0
125 19.1 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.960 ng/ul
RT: 26.185 min Scan# 5738
Delta R.T. 0.000 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

Tgt Ion:276 Resp: 27477
Ion Ratio Lower Upper
276 100
138 33.8 23.6 35.4
227 0.2 0.0 0.0#

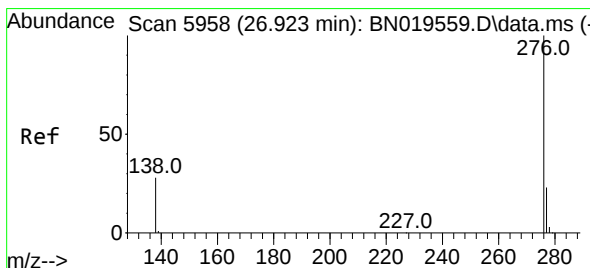
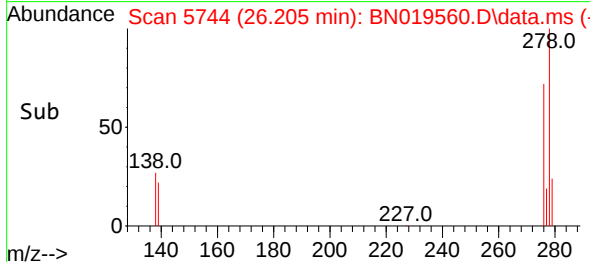
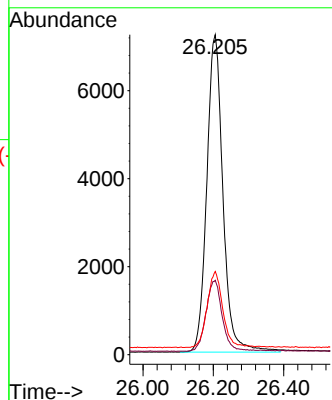
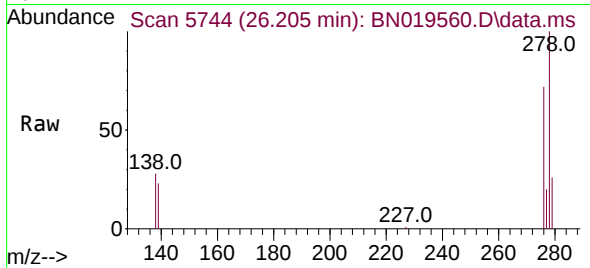




#28
Dibenzo(a,h)anthracene
Concen: 1.213 ng/ul
RT: 26.205 min Scan# 51
Delta R.T. 0.004 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

Tgt Ion:278 Resp: 23049
Ion Ratio Lower Upper
278 100
139 23.2 18.6 28.0
279 26.0 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.825 ng/ul
RT: 26.923 min Scan# 5958
Delta R.T. 0.000 min
Lab File: BN019560.D
Acq: 28 Apr 2022 11:26

Tgt Ion:276 Resp: 25013
Ion Ratio Lower Upper
276 100
138 30.3 20.9 31.3
277 24.3 20.4 30.6

