

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019874.D
 Acq On : 20 May 2022 18:16
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4359

Quant Time: May 21 01:53:52 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)

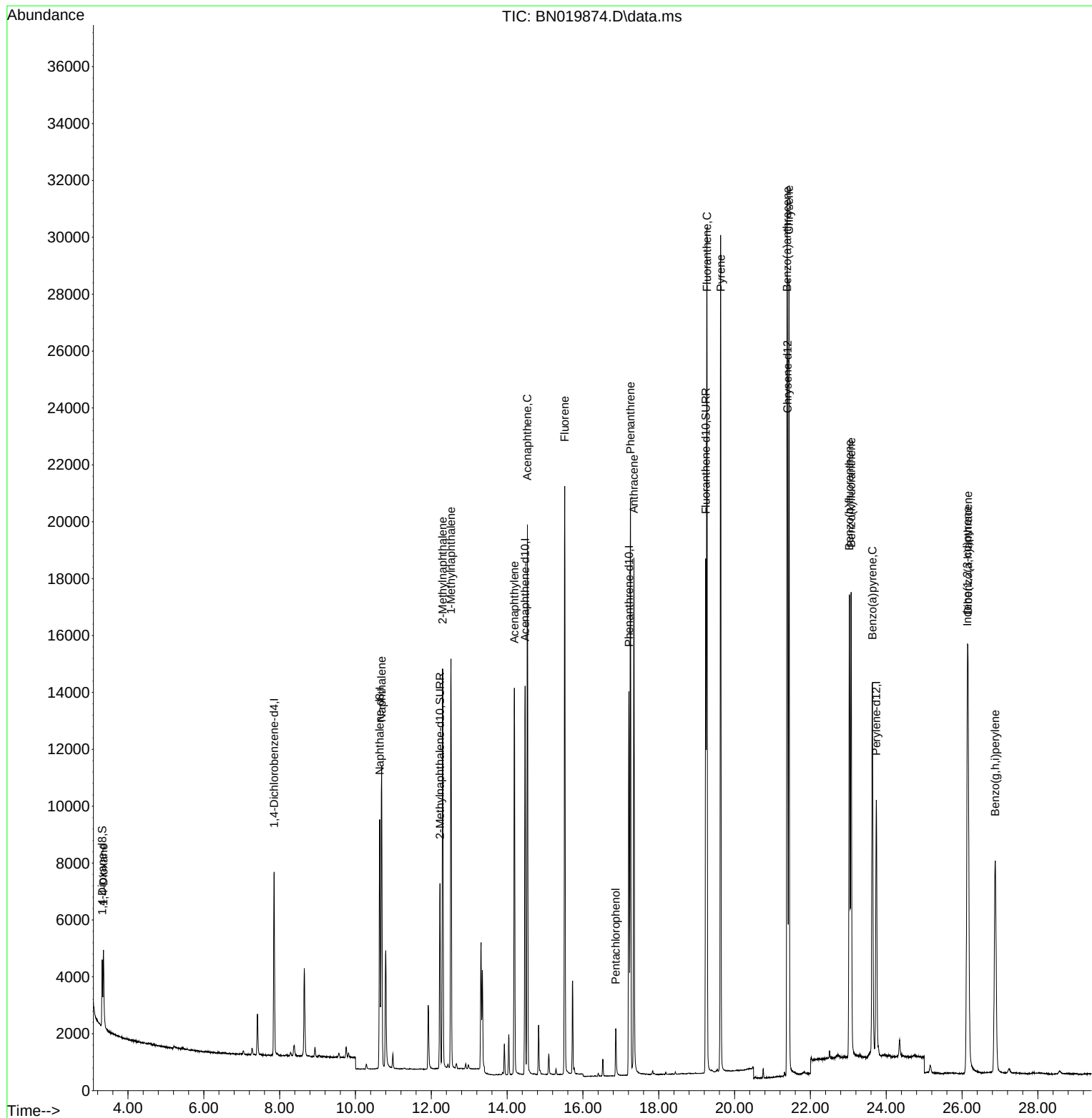
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3583	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	12107	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	7691	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	16313	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	15619	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	12943	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1629	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	8652	0.472	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	19980	0.404	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.353	88	1631	0.362	ng/ul#	89
5) Naphthalene	10.689	128	15299	0.390	ng/ul	100
7) 2-Methylnaphthalene	12.300	142	10262	0.430	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	10344	0.468	ng/ul#	100
10) Acenaphthylene	14.192	152	16174	0.425	ng/ul	99
11) Acenaphthene	14.534	153	11504	0.376	ng/ul	99
12) Fluorene	15.520	166	13279	0.396	ng/ul	99
14) Pentachlorophenol	16.867	266	1272	0.362	ng/ul	91
15) Phenanthrene	17.255	178	22438	0.374	ng/ul	99
16) Anthracene	17.344	178	20436	0.417	ng/ul	99
19) Fluoranthene	19.271	202	26008	0.364	ng/ul	98
20) Pyrene	19.634	202	26618	0.373	ng/ul	98
21) Benzo(a)anthracene	21.382	228	23697	0.406	ng/ul	100
22) Chrysene	21.435	228	24198	0.352	ng/ul	99
24) Benzo(b)fluoranthene	23.028	252	22287	0.339	ng/ul	92
25) Benzo(k)fluoranthene	23.074	252	21063	0.333	ng/ul	98
26) Benzo(a)pyrene	23.633	252	20433	0.365	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.141	276	20418	0.293	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.158	278	16743	0.287	ng/ul#	82
29) Benzo(g,h,i)perylene	26.875	276	16912	0.265	ng/ul	97

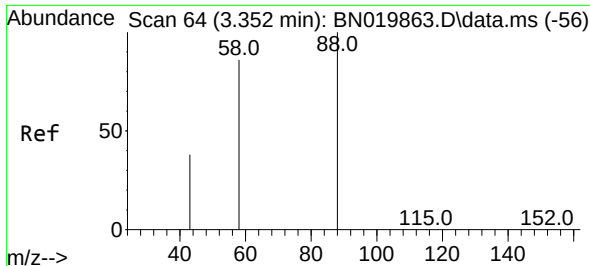
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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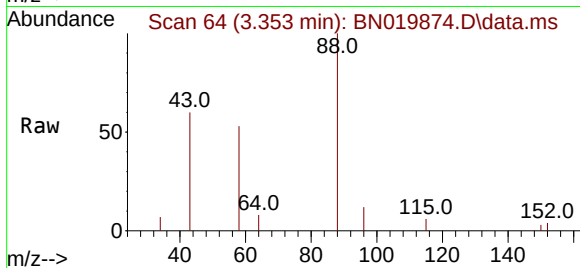
Quant Time: May 21 01:53:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration



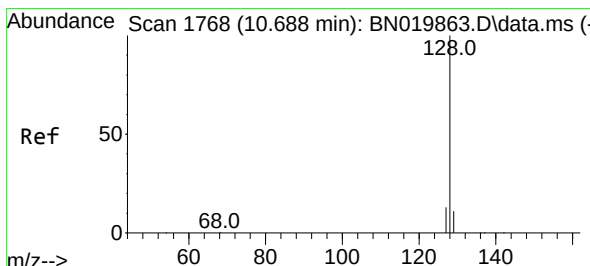
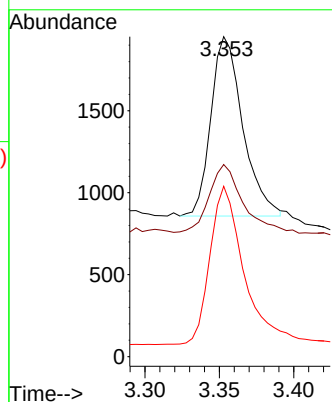
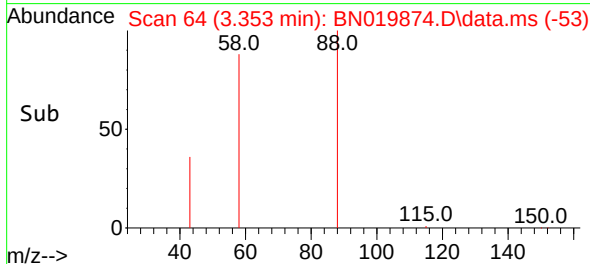


#2
1,4-Dioxane
Concen: 0.362 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

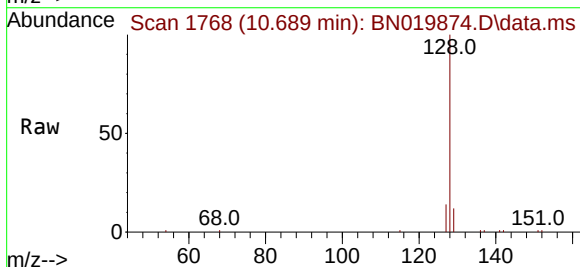
Instrument :
BNA_N
ClientSampleId :
SSTD0.4359



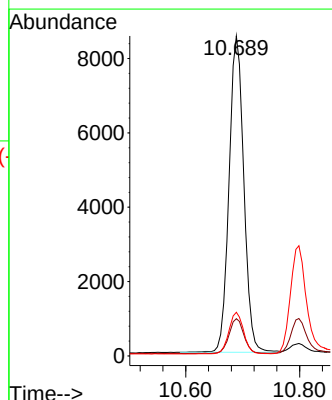
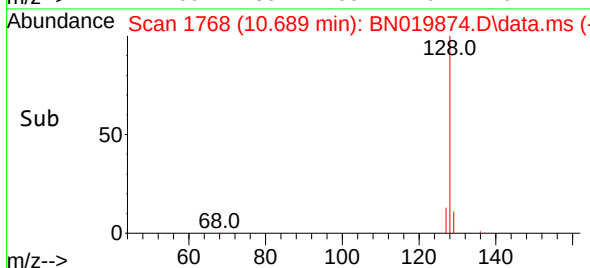
Tgt Ion: 88 Resp: 1631
Ion Ratio Lower Upper
88 100
43 60.0 39.0 58.4#
58 53.2 39.8 59.8

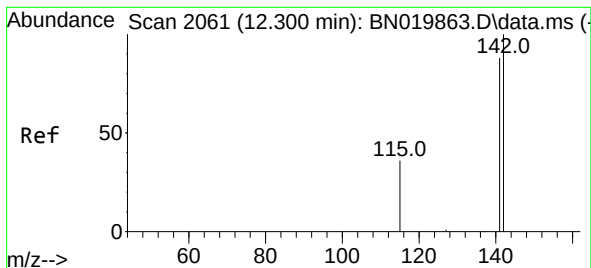


#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16



Tgt Ion: 128 Resp: 15299
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.7 11.0 16.4

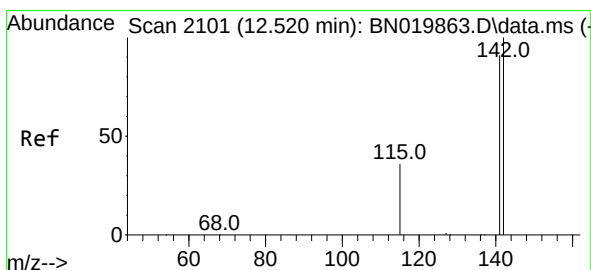
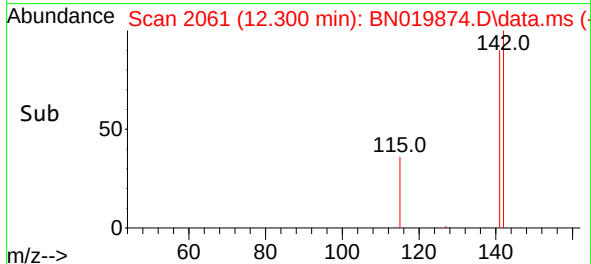
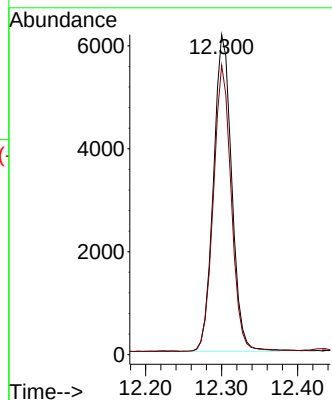
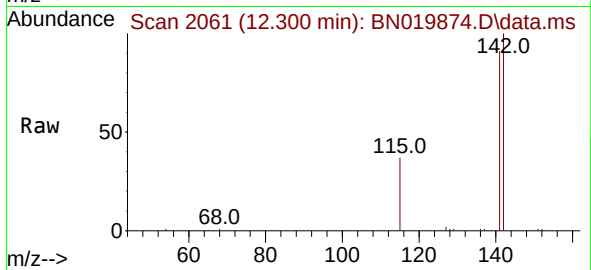




#7
2-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

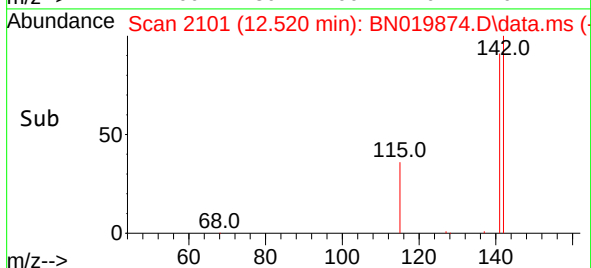
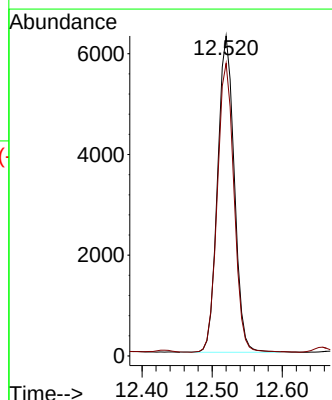
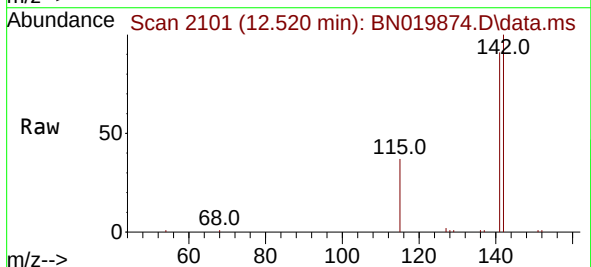
Instrument :
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SSTD0.4359

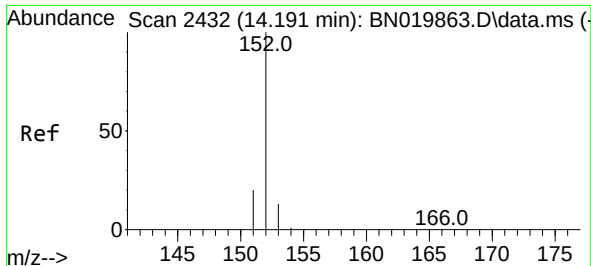
Tgt Ion:142 Resp: 10262
Ion Ratio Lower Upper
142 100
141 88.6 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.468 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

Tgt Ion:142 Resp: 10344
Ion Ratio Lower Upper
142 100
141 91.6 0.0 0.0#

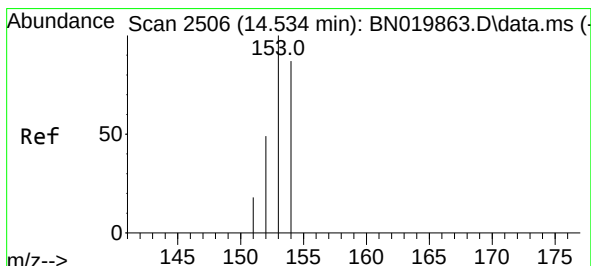
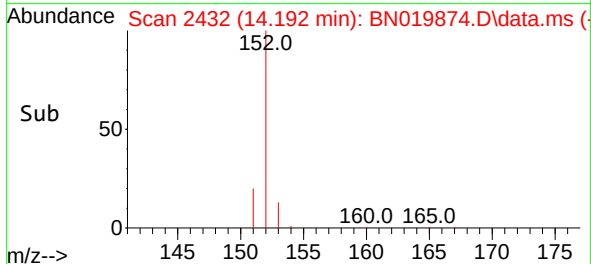
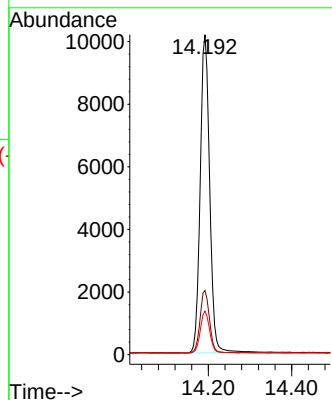
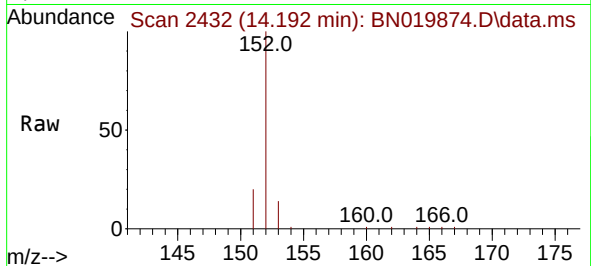




#10
Acenaphthylene
Concen: 0.425 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

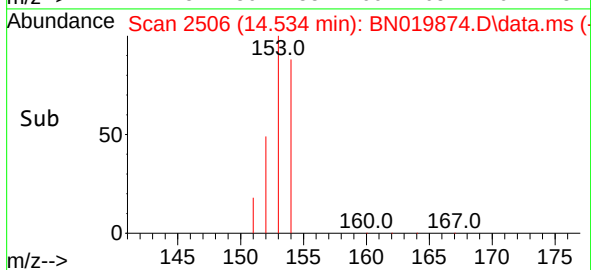
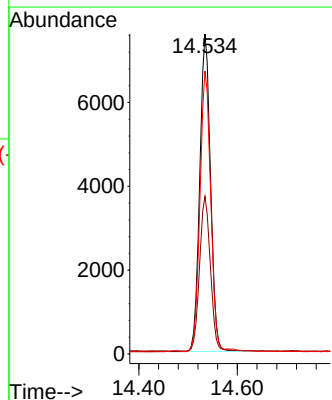
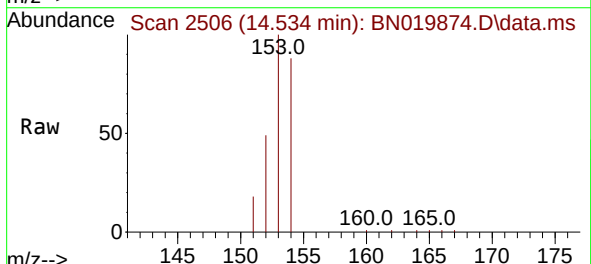
Instrument :
BNA_N
ClientSampleId :
SSTD0.4359

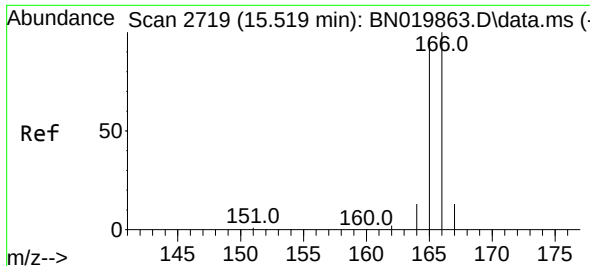
Tgt Ion:152 Resp: 16174
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

Tgt Ion:153 Resp: 11504
Ion Ratio Lower Upper
153 100
152 49.2 38.6 57.8
154 88.4 71.2 106.8

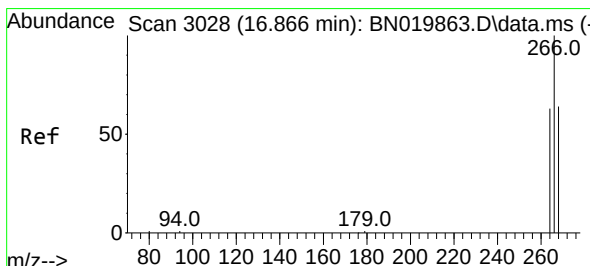
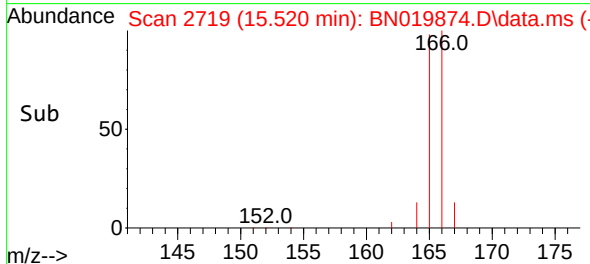
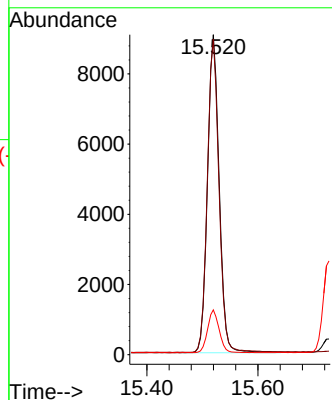
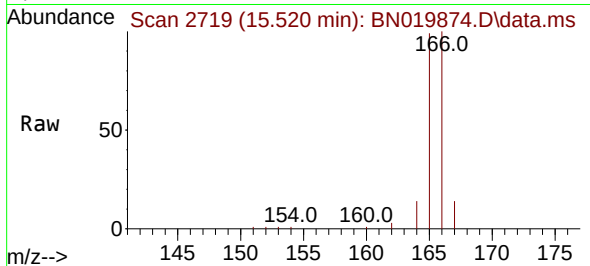




#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.005 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

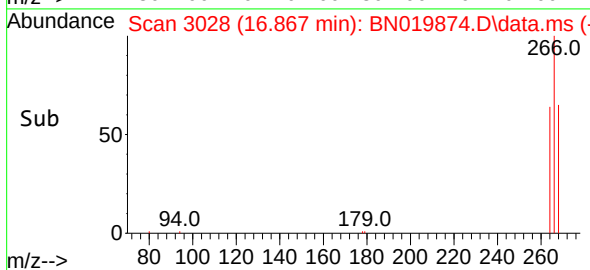
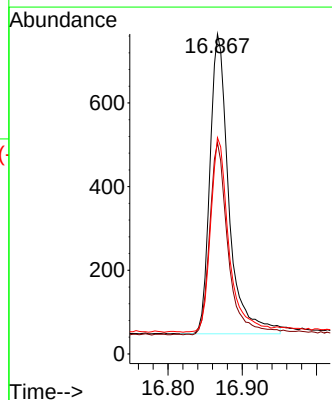
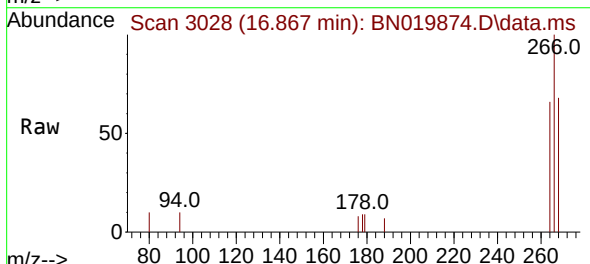
Instrument :
BNA_N
ClientSampleId :
SSTD0.4359

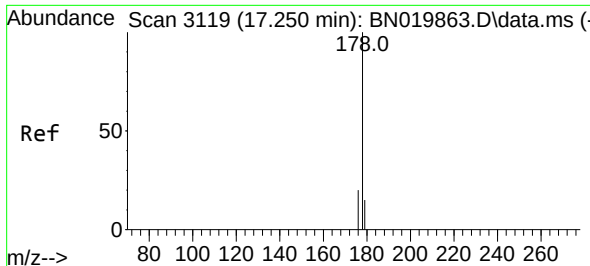
Tgt Ion:166 Resp: 13279
Ion Ratio Lower Upper
166 100
165 98.6 78.2 117.2
167 14.0 11.3 16.9



#14
Pentachlorophenol
Concen: 0.362 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. 0.000 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

Tgt Ion:266 Resp: 1272
Ion Ratio Lower Upper
266 100
264 61.7 44.9 67.3
268 63.7 44.6 67.0

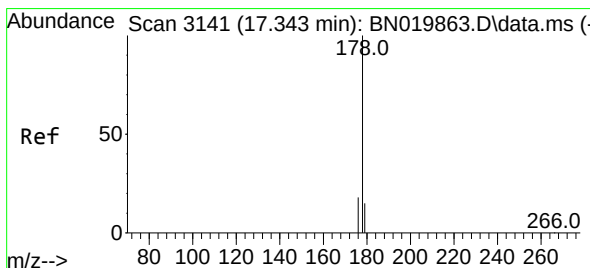
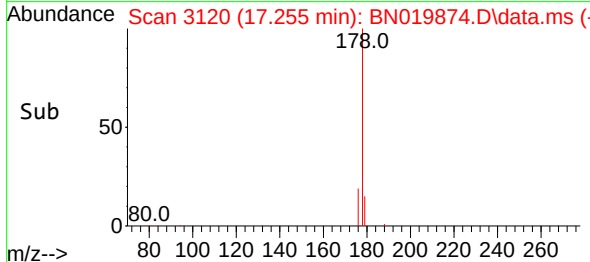
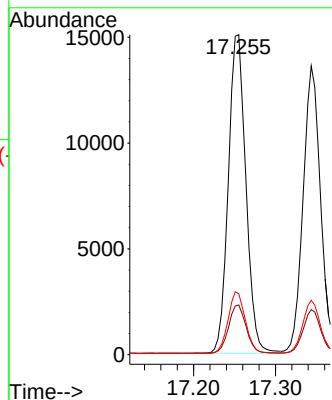
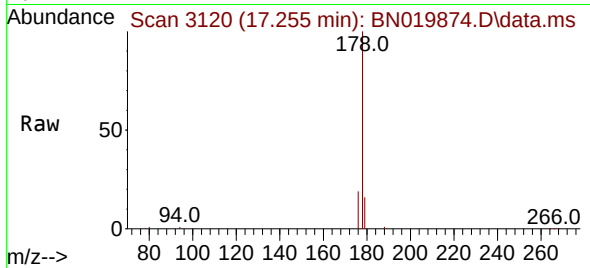




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.255 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

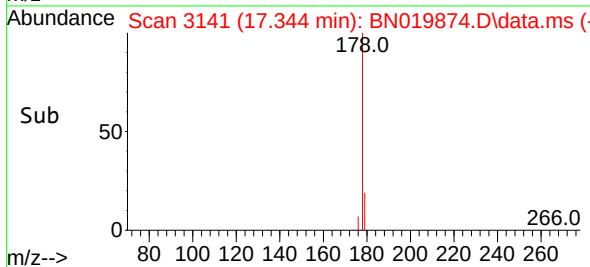
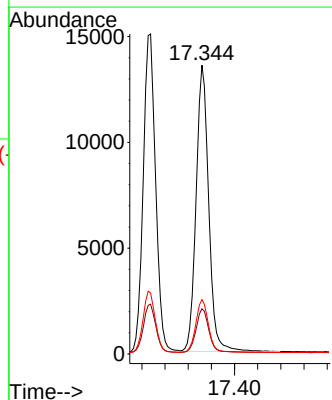
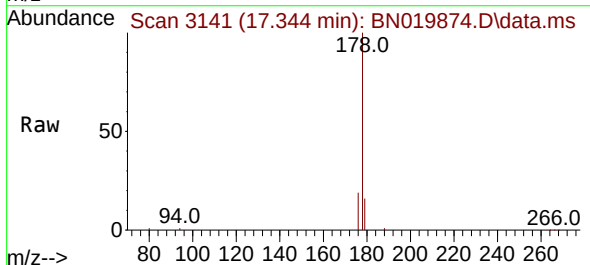
Instrument :
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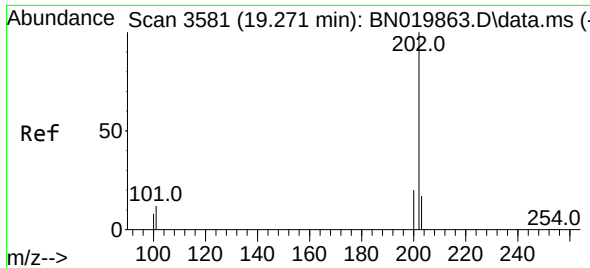
Tgt Ion:178 Resp: 22438
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.0 15.5 23.3



#16
Anthracene
Concen: 0.417 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

Tgt Ion:178 Resp: 20436
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 18.8 15.3 22.9

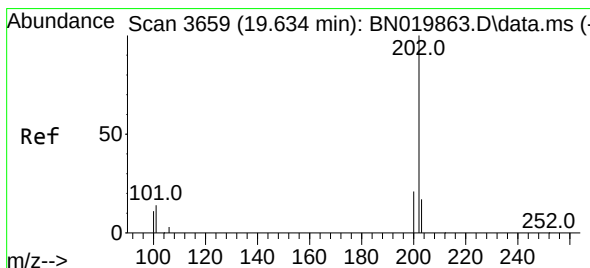
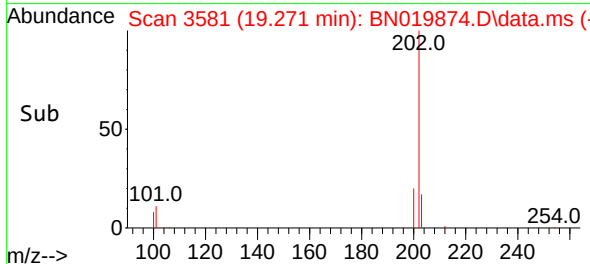
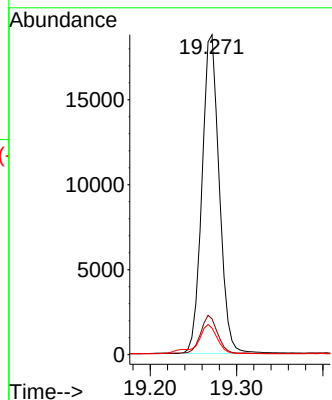
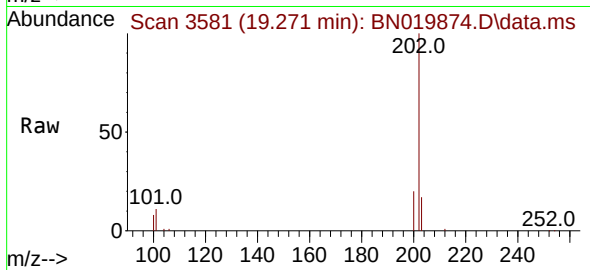




#19
Fluoranthene
Concen: 0.364 ng/u1
RT: 19.271 min Scan# 3581
Delta R.T. 0.000 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

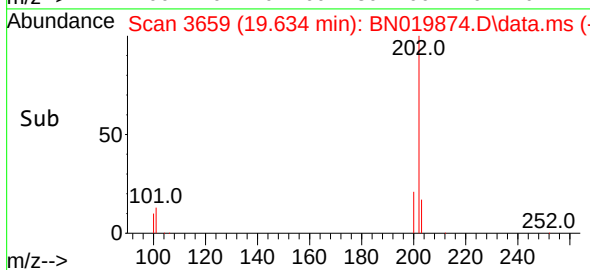
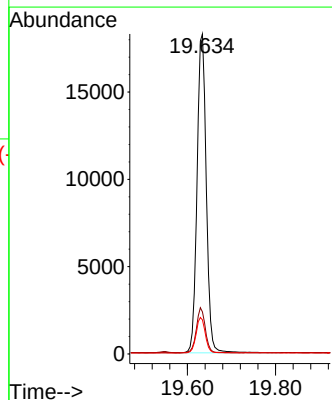
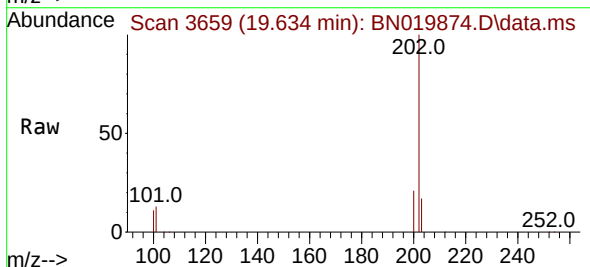
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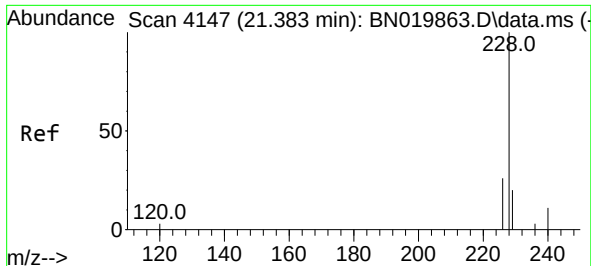
Tgt Ion:202 Resp: 26008
Ion Ratio Lower Upper
202 100
101 11.2 9.7 14.5
100 8.3 7.4 11.2



#20
Pyrene
Concen: 0.373 ng/u1
RT: 19.634 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

Tgt Ion:202 Resp: 26618
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 10.7 9.0 13.4

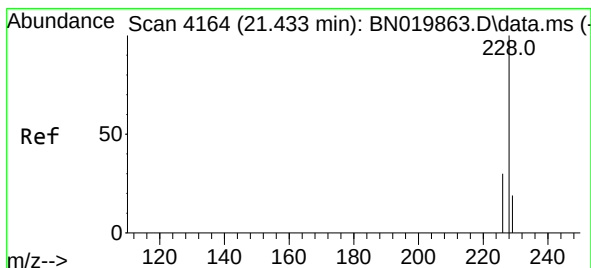
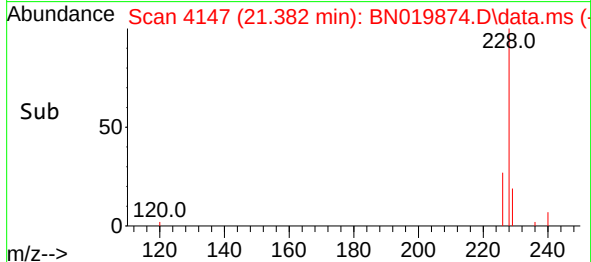
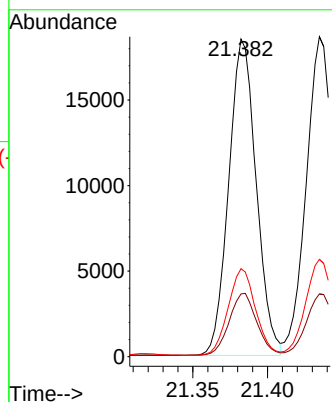
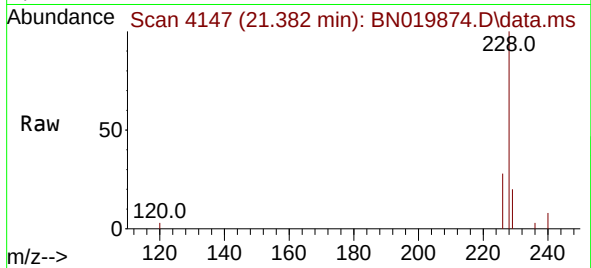




#21
Benzo(a)anthracene
Concen: 0.406 ng/ul
RT: 21.382 min Scan# 4147
Delta R.T. -0.006 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

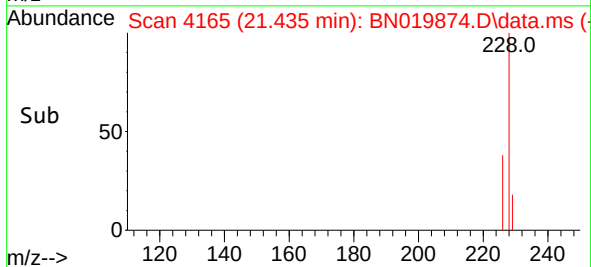
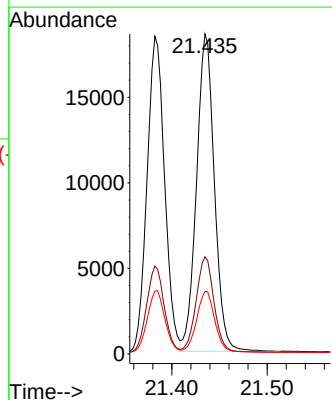
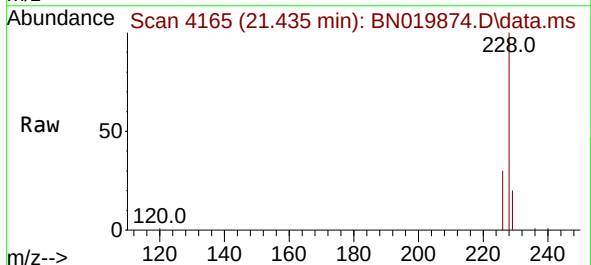
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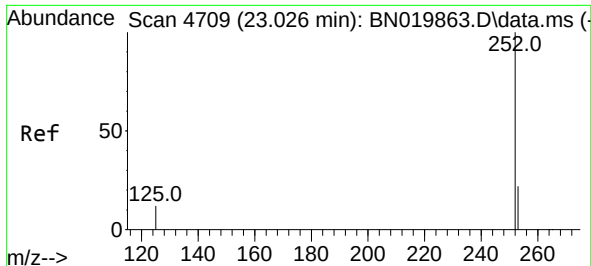
Tgt Ion:228 Resp: 23697
Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

Tgt Ion:228 Resp: 24198
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.6 16.0 24.0

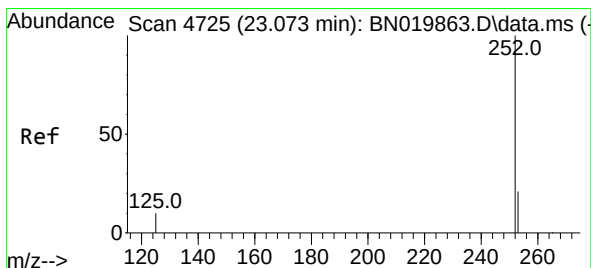
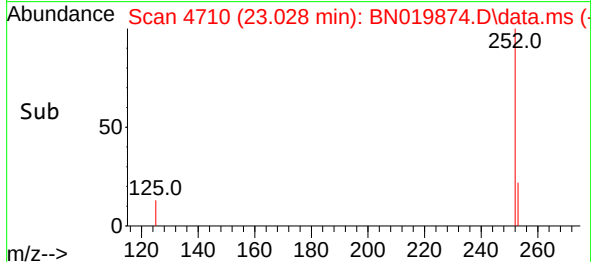
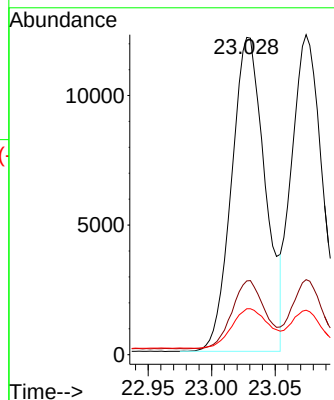
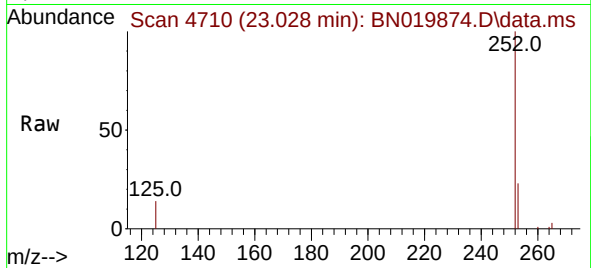




#24
Benzo(b)fluoranthene
Concen: 0.339 ng/ul
RT: 23.028 min Scan# 4710
Delta R.T. -0.006 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

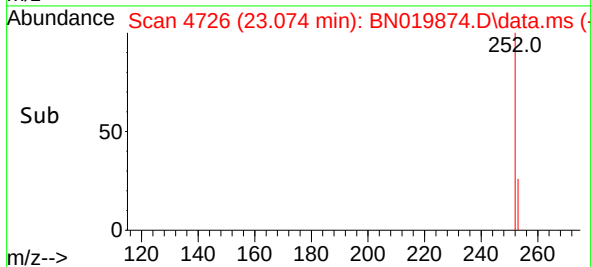
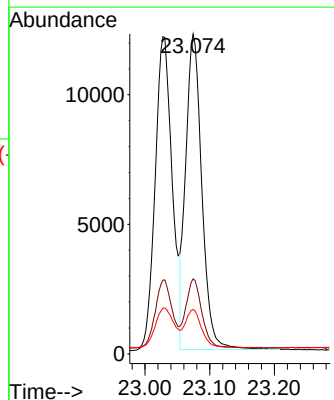
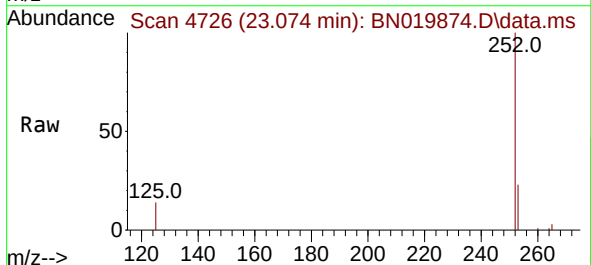
Instrument :
BNA_N
ClientSampleId :
SSTD0.4359

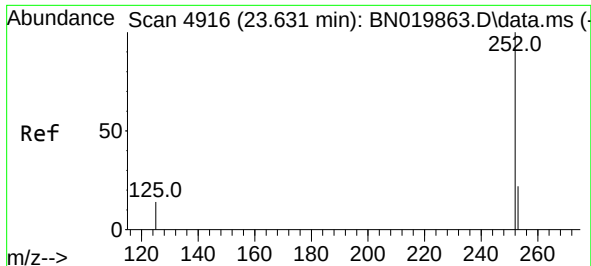
Tgt Ion:252 Resp: 22287
Ion Ratio Lower Upper
252 100
253 23.2 0.0 52.0
125 14.5 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.333 ng/ul
RT: 23.074 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

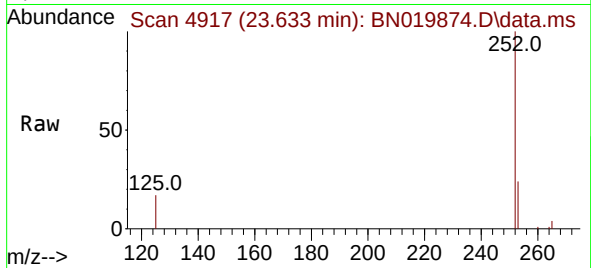
Tgt Ion:252 Resp: 21063
Ion Ratio Lower Upper
252 100
253 23.5 20.2 30.2
125 13.9 11.0 16.6



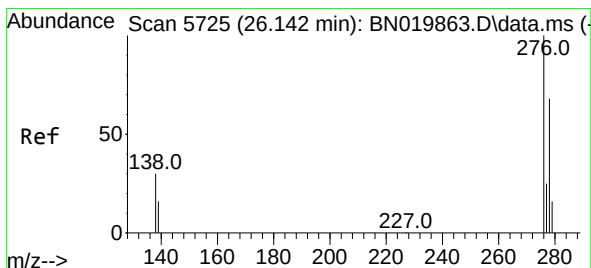
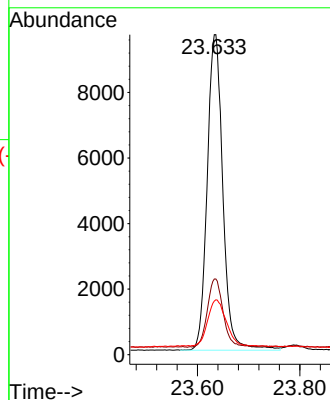
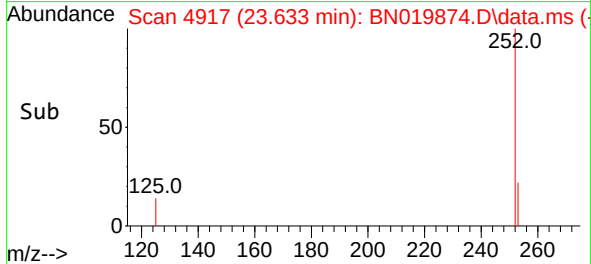


#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.633 min Scan# 4916
Delta R.T. -0.006 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.4359

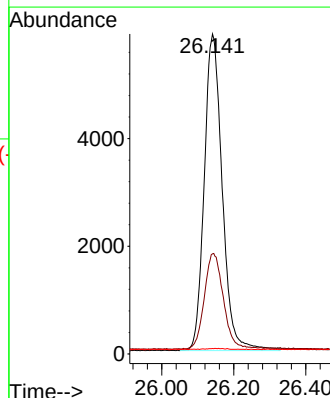
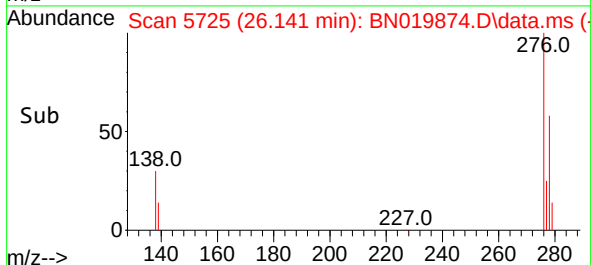
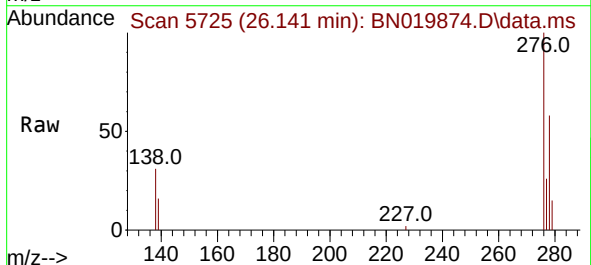


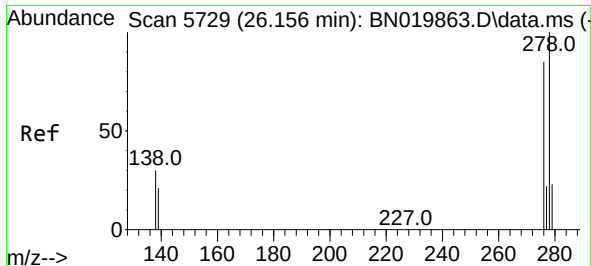
Tgt Ion:252 Resp: 20433
Ion Ratio Lower Upper
252 100
253 23.6 23.4 35.0
125 16.8 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.293 ng/ul
RT: 26.141 min Scan# 5725
Delta R.T. -0.007 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

Tgt Ion:276 Resp: 20418
Ion Ratio Lower Upper
276 100
138 31.5 23.6 35.4
227 0.1 0.0 0.0#

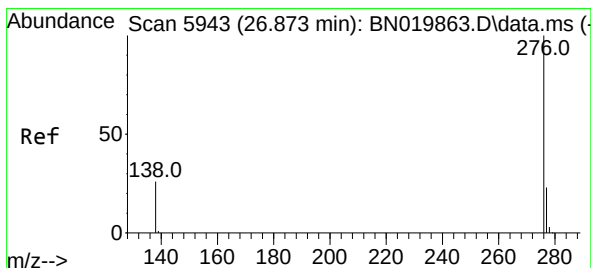
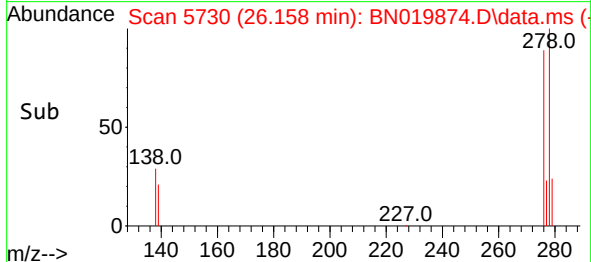
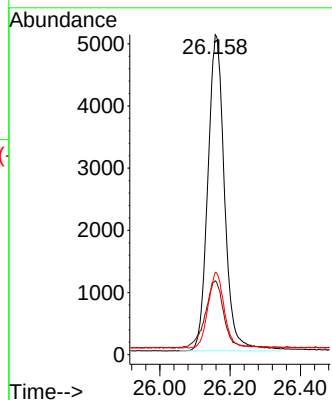
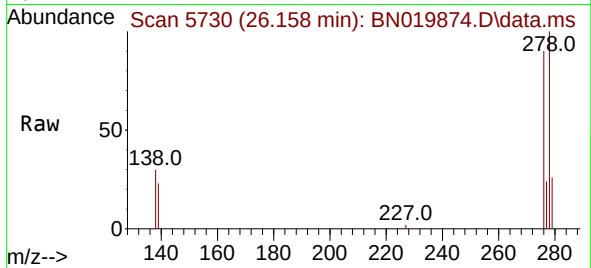




#28
Dibenzo(a,h)anthracene
Concen: 0.287 ng/ul
RT: 26.158 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.4359

Tgt Ion:278 Resp: 16743
Ion Ratio Lower Upper
278 100
139 23.1 18.6 28.0
279 25.8 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.265 ng/ul
RT: 26.875 min Scan# 5944
Delta R.T. -0.003 min
Lab File: BN019874.D
Acq: 20 May 2022 18:16

Tgt Ion:276 Resp: 16912
Ion Ratio Lower Upper
276 100
138 28.3 20.9 31.3
277 25.1 20.4 30.6

