

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019964.D
 Acq On : 25 May 2022 22:44
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4366

Quant Time: May 26 01:16:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

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

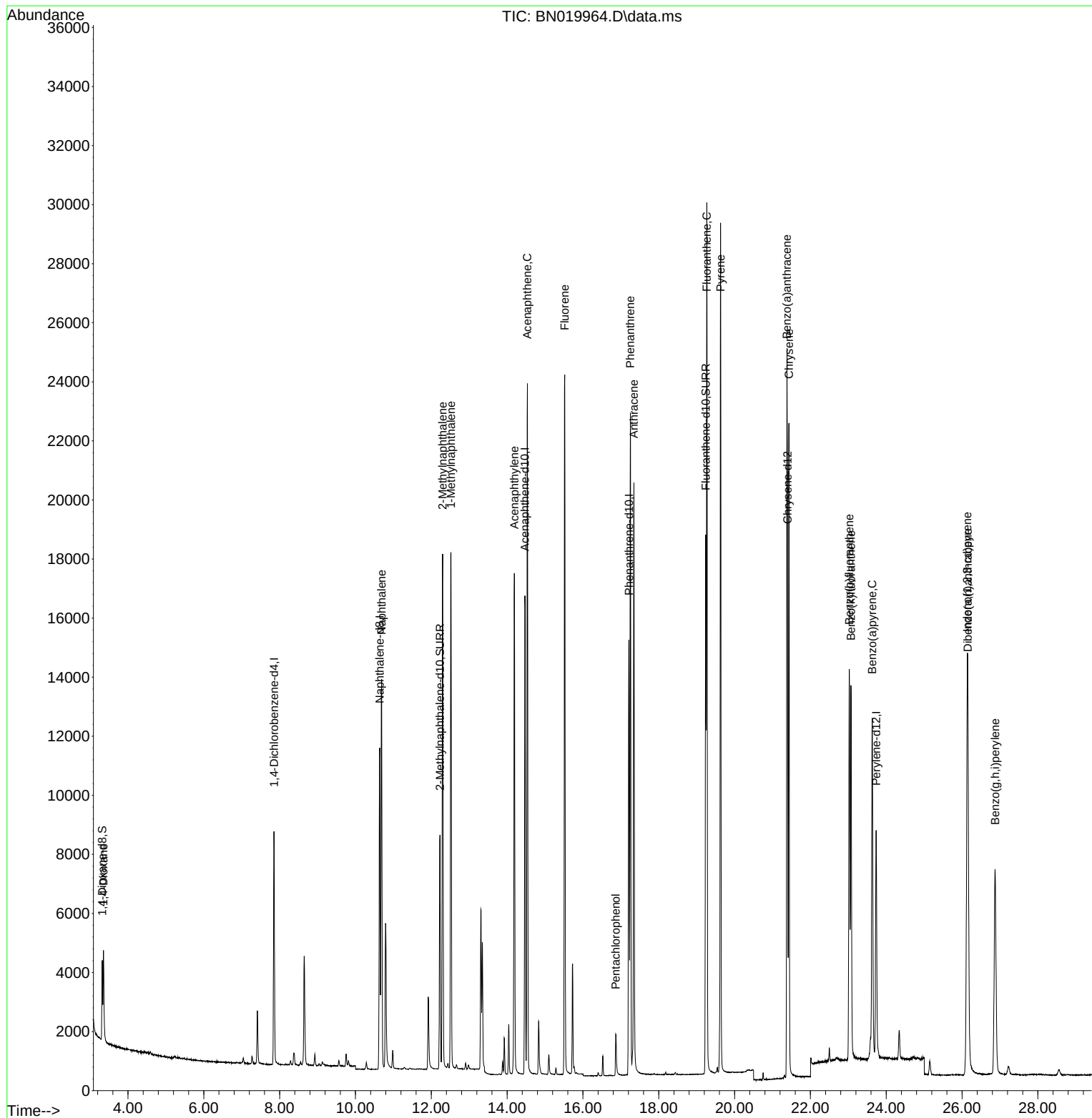
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4324	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	15156	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.470	164	9282	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	18285	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	12696	0.400	ng/ul	0.00
23) Perylene-d12	23.735	264	10881	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1880	0.466	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	10762	0.435	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	19757	0.435	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	1862	0.443	ng/ul	87
5) Naphthalene	10.689	128	18988	0.399	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	12683	0.403	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	12733	0.434	ng/ul#	100
10) Acenaphthylene	14.192	152	19957	0.377	ng/ul	99
11) Acenaphthene	14.534	153	13876	0.387	ng/ul	99
12) Fluorene	15.520	166	15624	0.390	ng/ul	99
14) Pentachlorophenol	16.867	266	1180	0.387	ng/ul	90
15) Phenanthrene	17.251	178	24808	0.386	ng/ul	99
16) Anthracene	17.344	178	22896	0.380	ng/ul	99
19) Fluoranthene	19.267	202	25778	0.407	ng/ul	99
20) Pyrene	19.629	202	25482	0.396	ng/ul	100
21) Benzo(a)anthracene	21.379	228	18918	0.365	ng/ul	100
22) Chrysene	21.435	228	19278	0.368	ng/ul	100
24) Benzo(b)fluoranthene	23.025	252	17627	0.366	ng/ul	94
25) Benzo(k)fluoranthene	23.069	252	17750	0.379	ng/ul	98
26) Benzo(a)pyrene	23.630	252	17129	0.377	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.138	276	18512	0.388	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.154	278	15076	0.385	ng/ul#	80
29) Benzo(g,h,i)perylene	26.872	276	15528	0.380	ng/ul	98

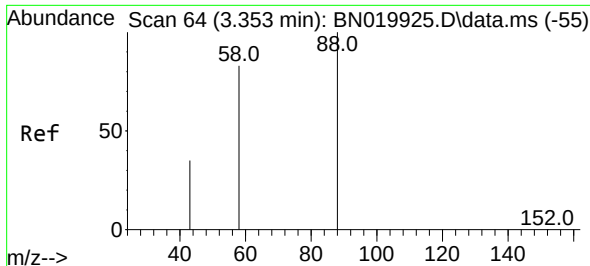
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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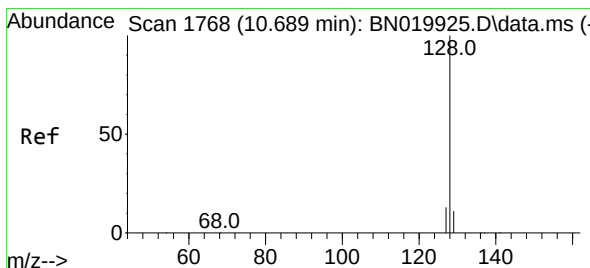
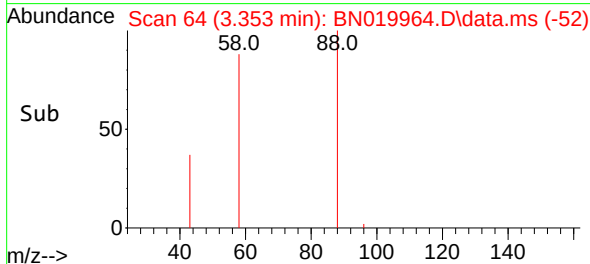
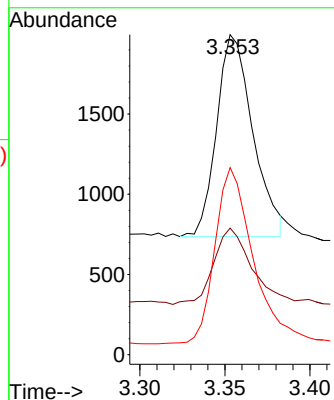
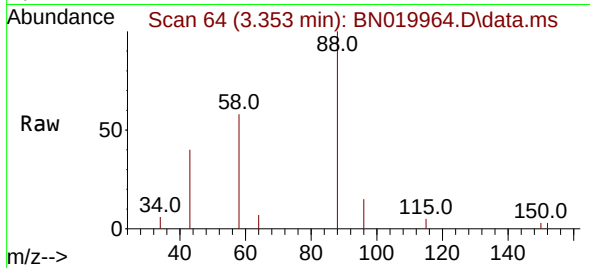




#2
1,4-Dioxane
Concen: 0.443 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

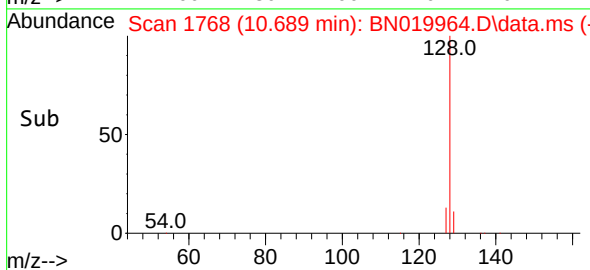
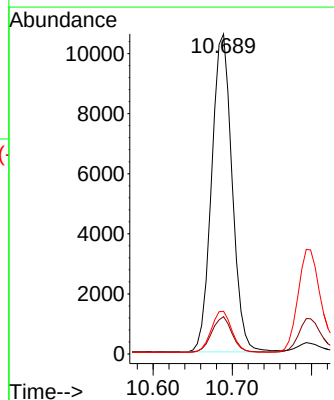
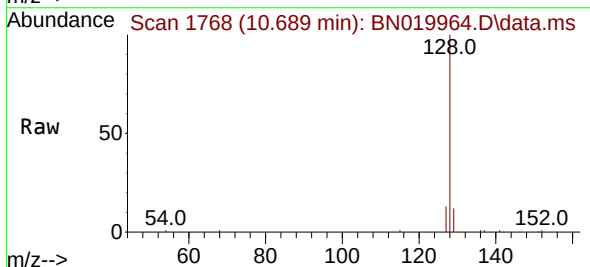
Instrument :
BNA_N
ClientSampleId :
SSTD0.4366

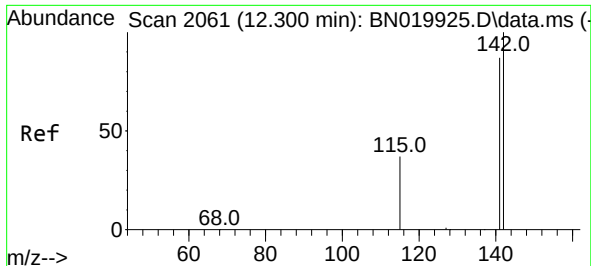
Tgt Ion: 88 Resp: 1862
Ion Ratio Lower Upper
88 100
43 39.5 39.0 58.4
58 58.4 39.8 59.8



#5
Naphthalene
Concen: 0.399 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

Tgt Ion: 128 Resp: 18988
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.3 11.0 16.4

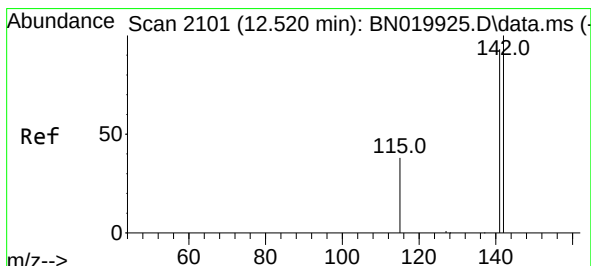
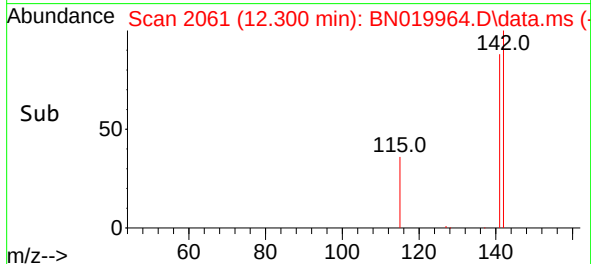
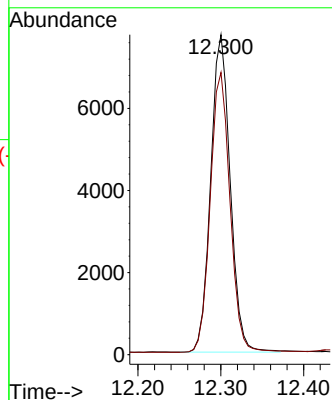
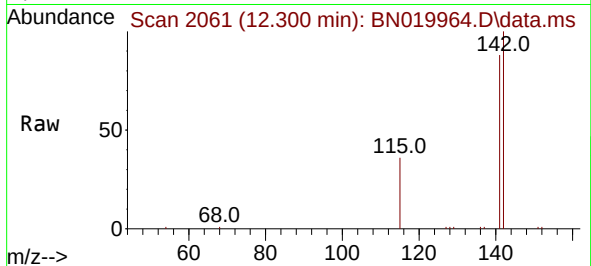




#7
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

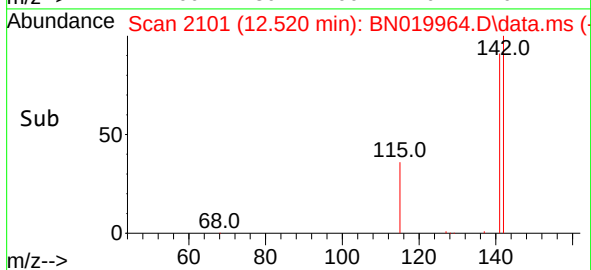
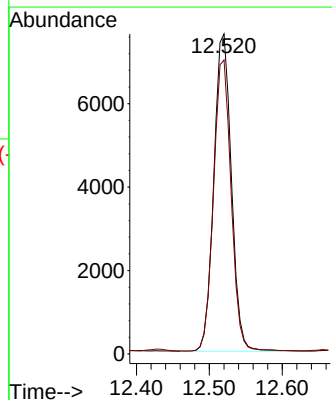
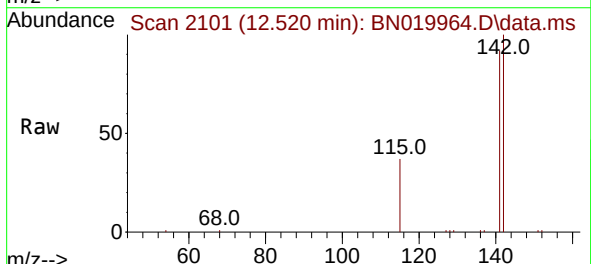
Instrument :
BNA_N
ClientSampleId :
SSTD0.4366

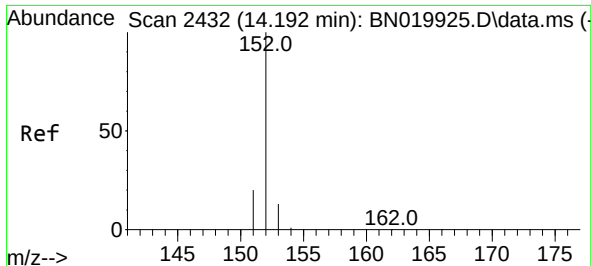
Tgt Ion:142 Resp: 12683
Ion Ratio Lower Upper
142 100
141 89.3 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

Tgt Ion:142 Resp: 12733
Ion Ratio Lower Upper
142 100
141 92.0 0.0 0.0#

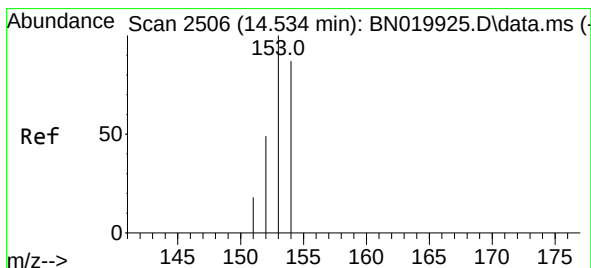
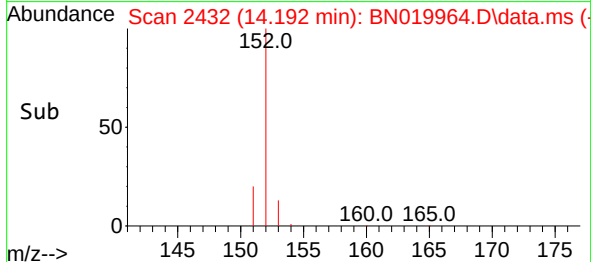
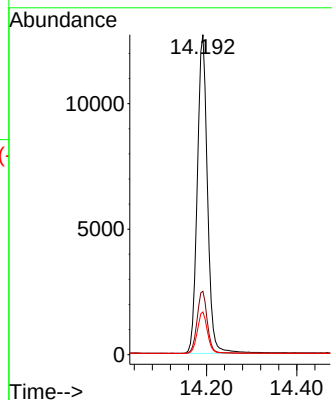
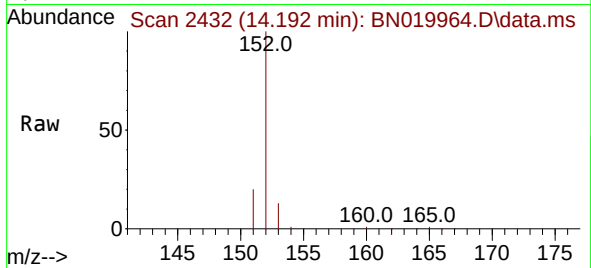




#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

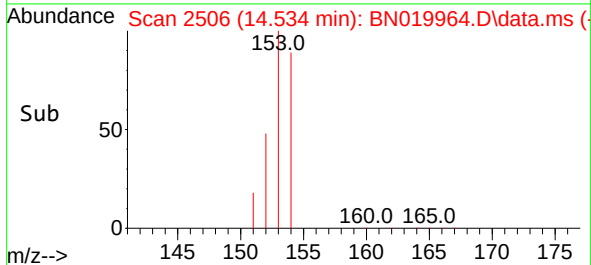
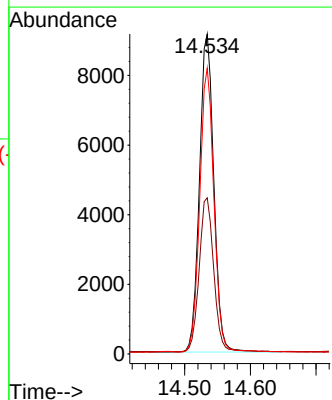
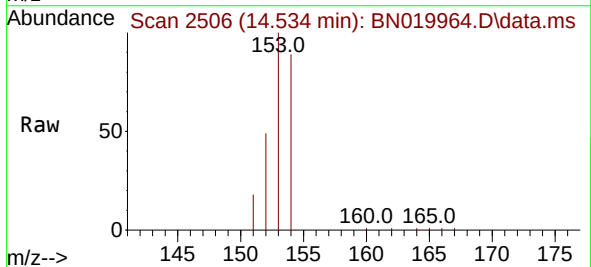
Instrument :
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ClientSampleId :
SSTD0.4366

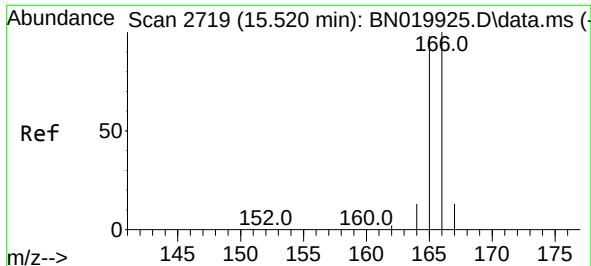
Tgt Ion:152	Resp:	19957
Ion Ratio	Lower	Upper
152	100	
151	19.8	16.3 24.5
153	13.3	11.1 16.7



#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.003 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

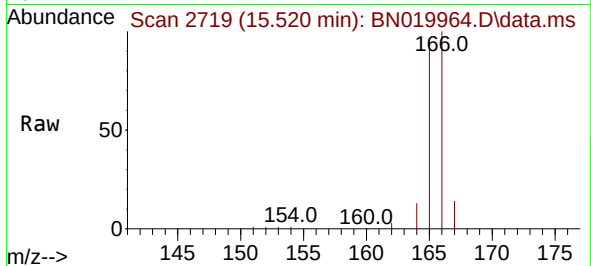
Tgt Ion:153	Resp:	13876
Ion Ratio	Lower	Upper
153	100	
152	48.8	38.6 57.8
154	89.3	71.2 106.8



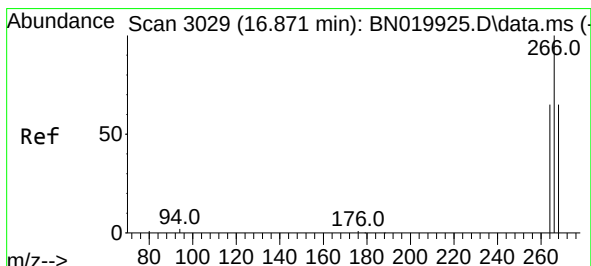
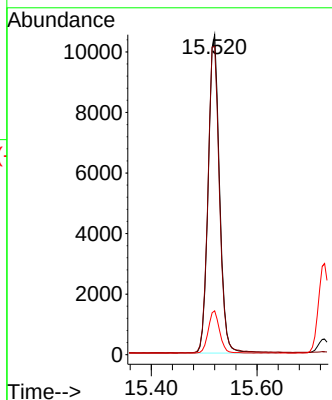
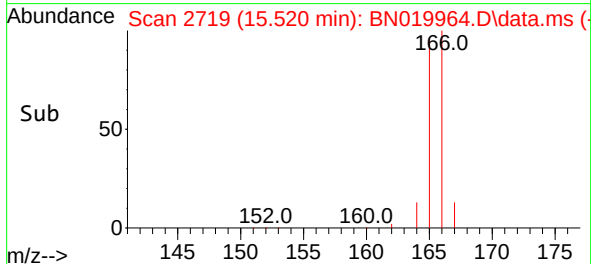


#12
Fluorene
Concen: 0.390 ng/ul
RT: 15.520 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

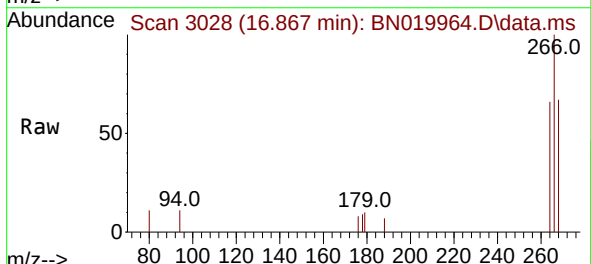
Instrument :
BNA_N
ClientSampleId :
SSTD0.4366



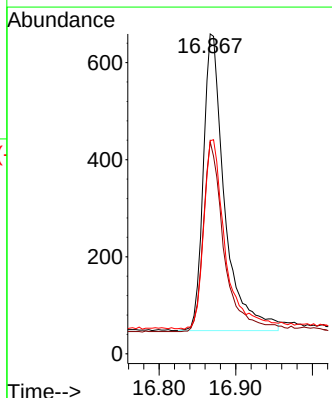
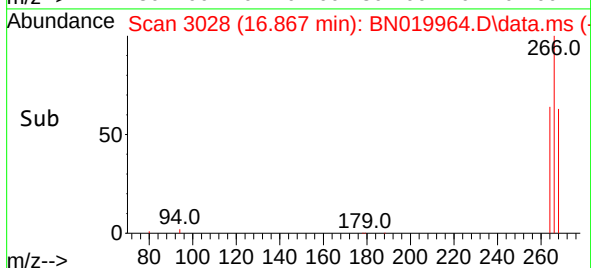
Tgt Ion:166 Resp: 15624
Ion Ratio Lower Upper
166 100
165 96.3 78.2 117.2
167 13.7 11.3 16.9

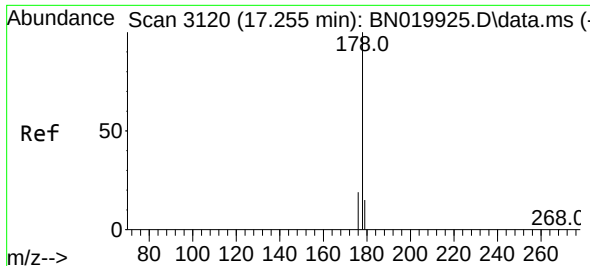


#14
Pentachlorophenol
Concen: 0.387 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. -0.007 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44



Tgt Ion:266 Resp: 1180
Ion Ratio Lower Upper
266 100
264 62.5 44.9 67.3
268 64.2 44.6 67.0

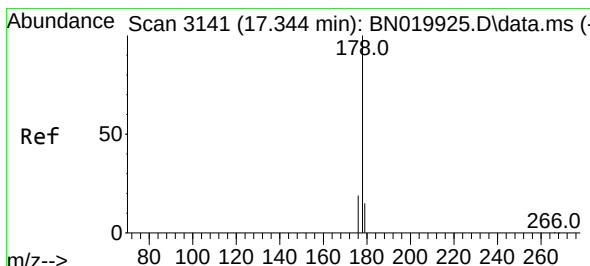
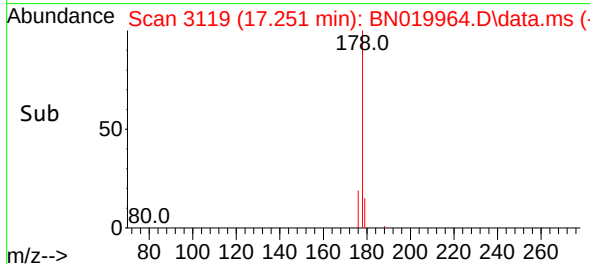
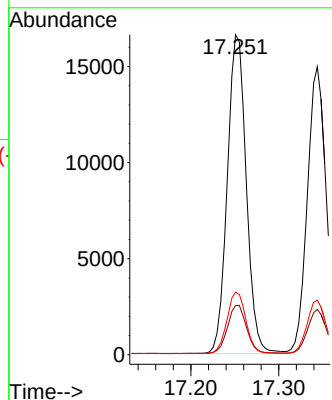
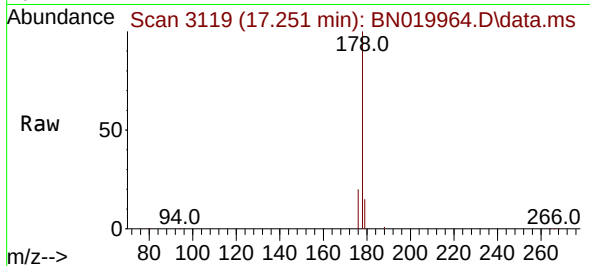




#15
Phenanthrene
Concen: 0.386 ng/u1
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

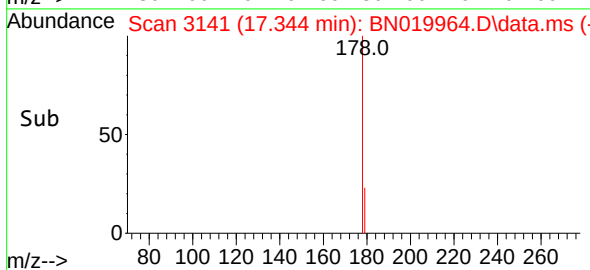
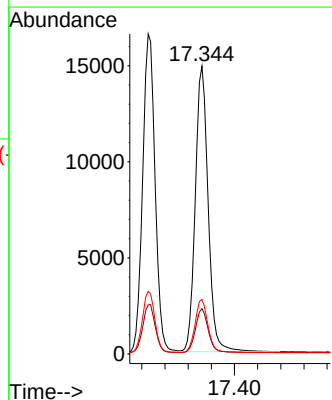
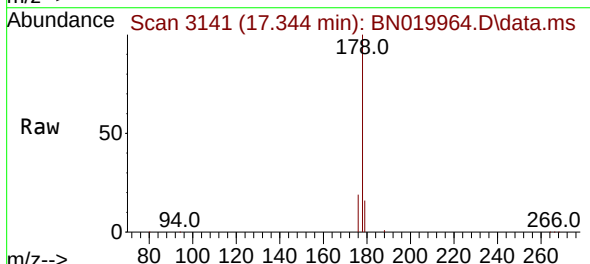
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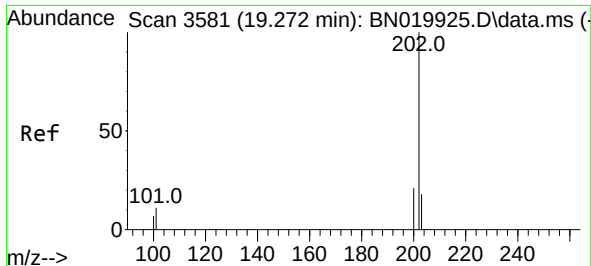
Tgt Ion:178 Resp: 24808
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.6 15.5 23.3



#16
Anthracene
Concen: 0.380 ng/u1
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

Tgt Ion:178 Resp: 22896
Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 19.0 15.3 22.9

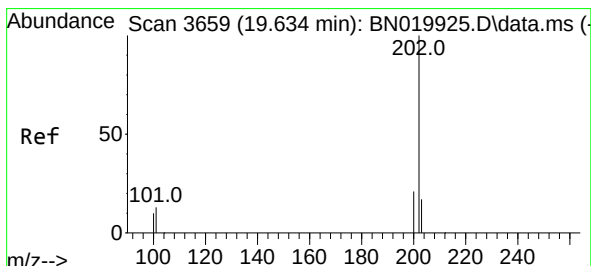
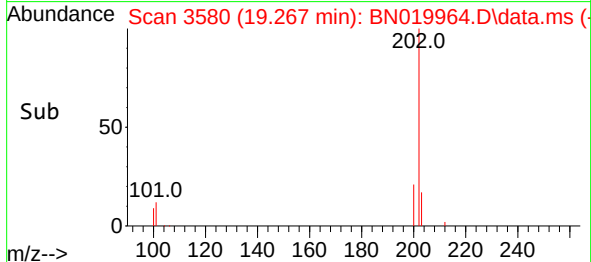
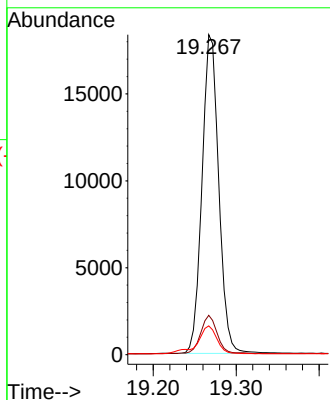
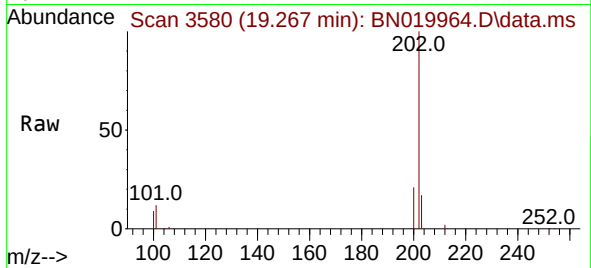




#19
Fluoranthene
Concen: 0.407 ng/ul
RT: 19.267 min Scan# 3580
Delta R.T. -0.007 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

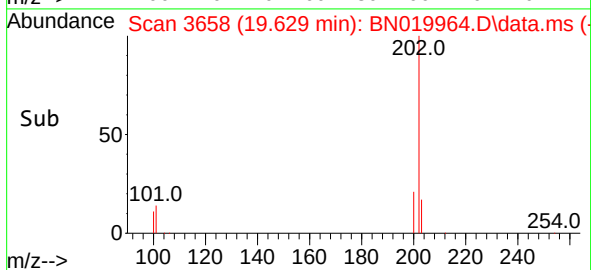
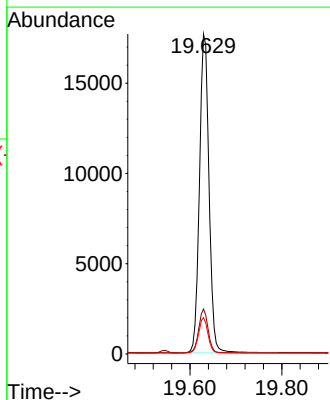
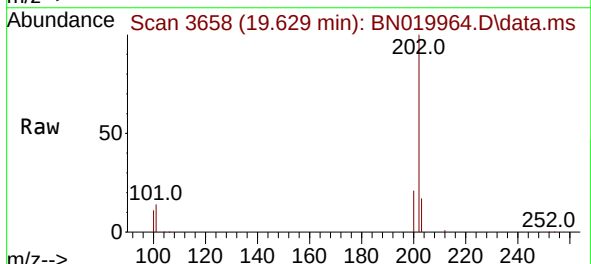
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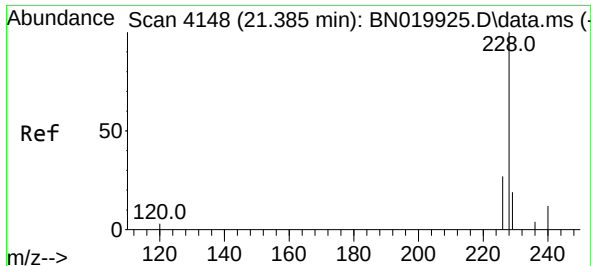
Tgt Ion:202 Resp: 25778
Ion Ratio Lower Upper
202 100
101 12.3 9.7 14.5
100 9.0 7.4 11.2



#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. -0.007 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

Tgt Ion:202 Resp: 25482
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 11.4 9.0 13.4

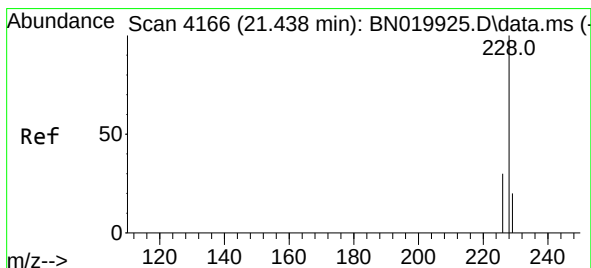
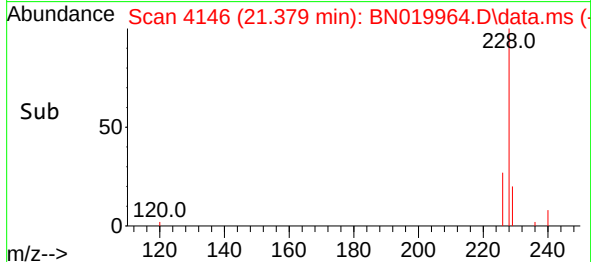
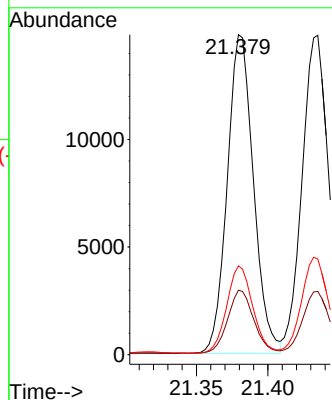
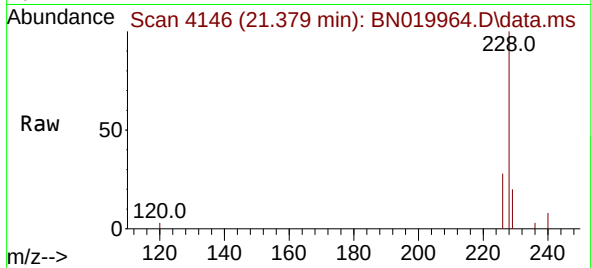




#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.379 min Scan# 4148
Delta R.T. -0.006 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

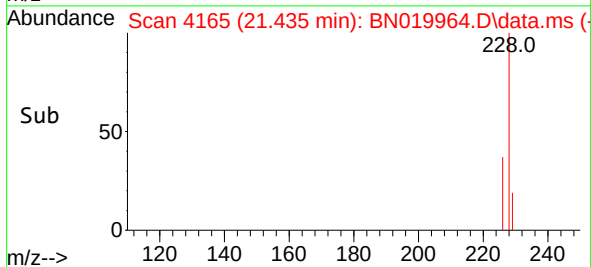
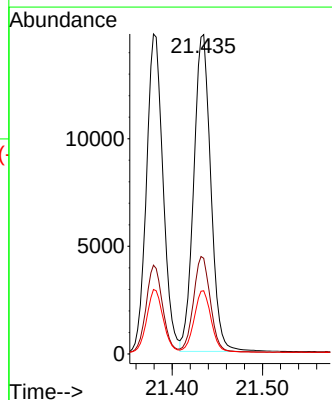
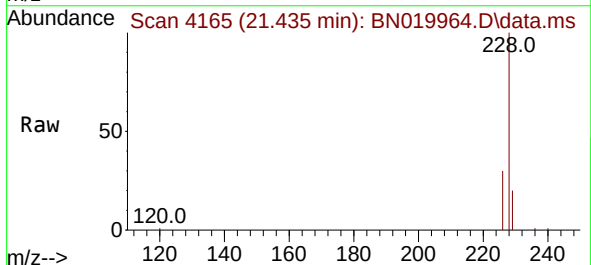
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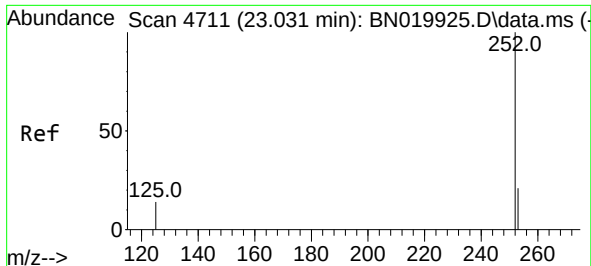
Tgt Ion:228 Resp: 18918
Ion Ratio Lower Upper
228 100
229 20.1 16.1 24.1
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

Tgt Ion:228 Resp: 19278
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 19.8 16.0 24.0

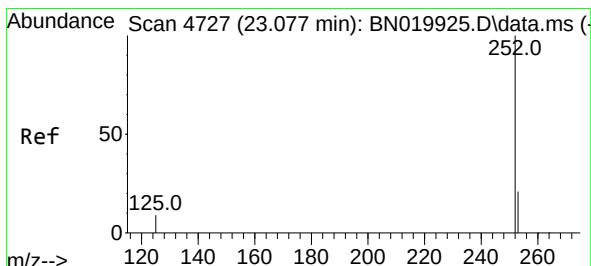
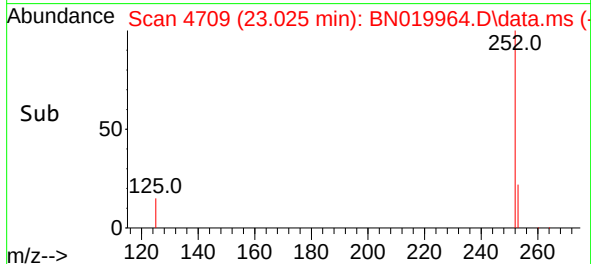
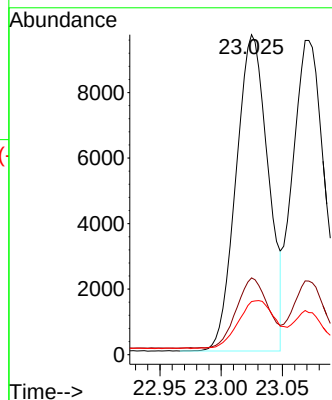
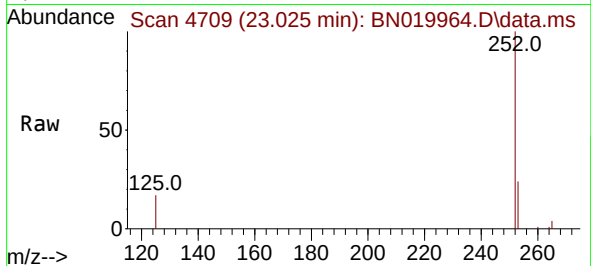




#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 23.025 min Scan# 4711
Delta R.T. -0.006 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

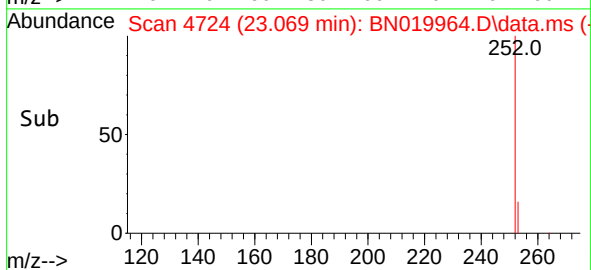
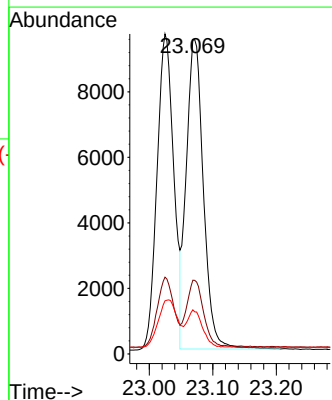
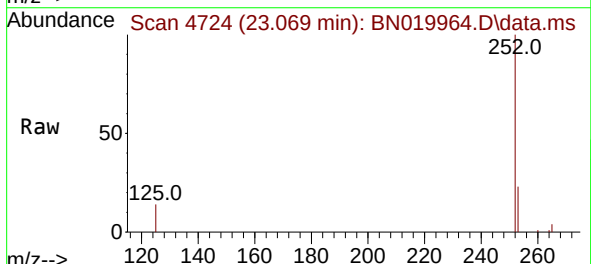
Instrument :
BNA_N
ClientSampleId :
SSTD0.4366

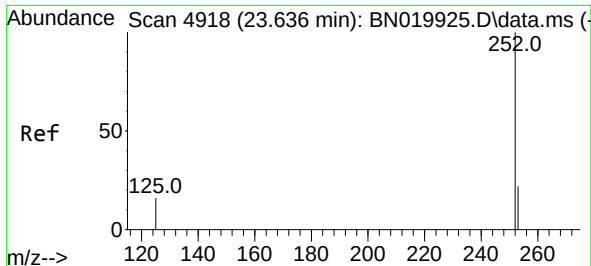
Tgt Ion:252 Resp: 17627
Ion Ratio Lower Upper
252 100
253 24.0 0.0 52.0
125 16.6 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.379 ng/ul
RT: 23.069 min Scan# 4724
Delta R.T. -0.012 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

Tgt Ion:252 Resp: 17750
Ion Ratio Lower Upper
252 100
253 23.5 20.2 30.2
125 14.0 11.0 16.6

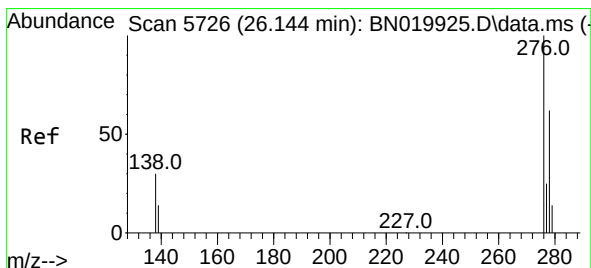
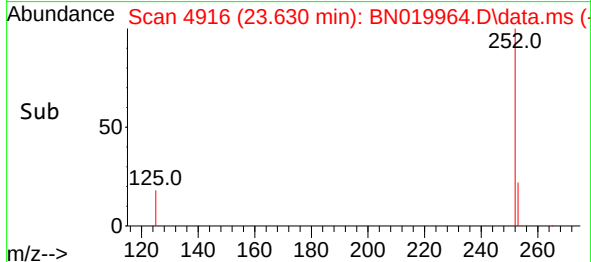
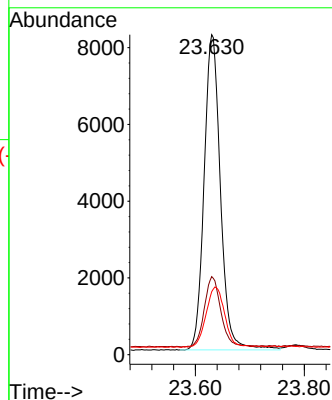
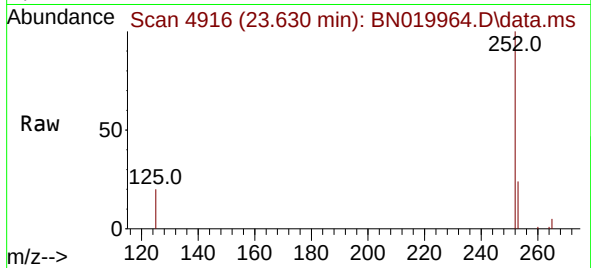




#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.630 min Scan# 4918
Delta R.T. -0.009 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

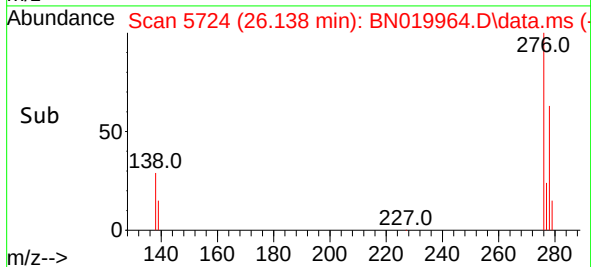
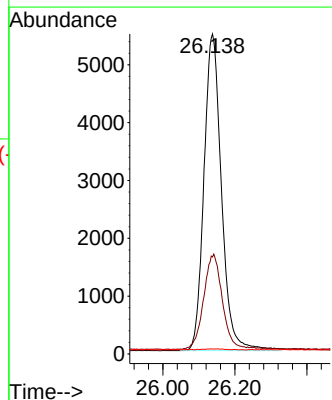
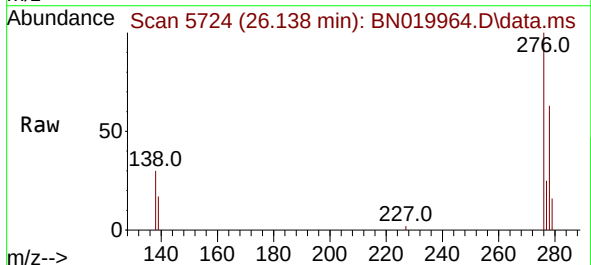
Instrument :
BNA_N
ClientSampleId :
SSTD0.4366

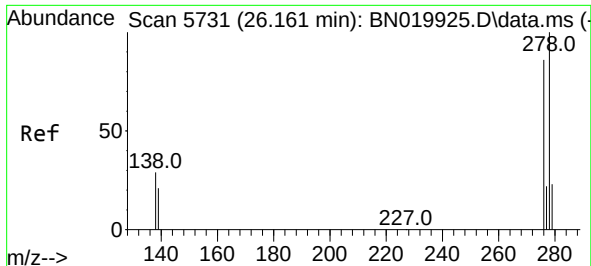
Tgt Ion:252 Resp: 17129
Ion Ratio Lower Upper
252 100
253 24.4 23.4 35.0
125 19.7 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. -0.013 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

Tgt Ion:276 Resp: 18512
Ion Ratio Lower Upper
276 100
138 32.2 23.6 35.4
227 0.3 0.0 0.0#

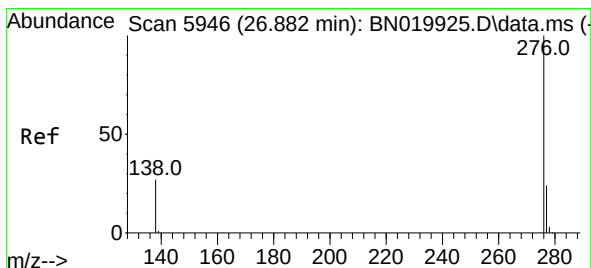
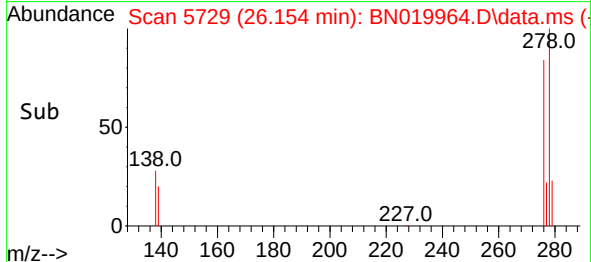
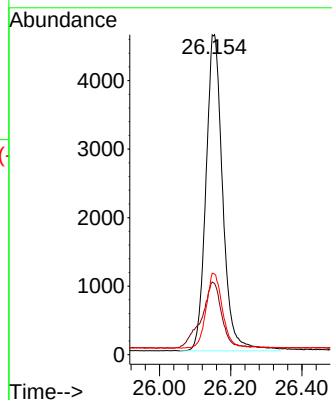
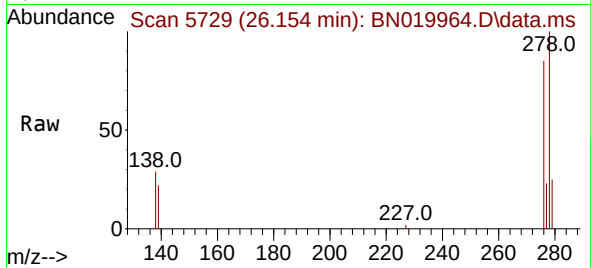




#28
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 26.154 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4366

Tgt Ion:278 Resp: 15076
Ion Ratio Lower Upper
278 100
139 22.2 18.6 28.0
279 25.2 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.380 ng/ul
RT: 26.872 min Scan# 5943
Delta R.T. -0.013 min
Lab File: BN019964.D
Acq: 25 May 2022 22:44

Tgt Ion:276 Resp: 15528
Ion Ratio Lower Upper
276 100
138 27.7 20.9 31.3
277 24.9 20.4 30.6

