

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112822\
 Data File : BN022916.D
 Acq On : 28 Nov 2022 13:08
 Operator : CG/JU
 Sample : PB149075BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 29 01:11:16 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 28 03:16:56 2022
 Response via : Initial Calibration

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

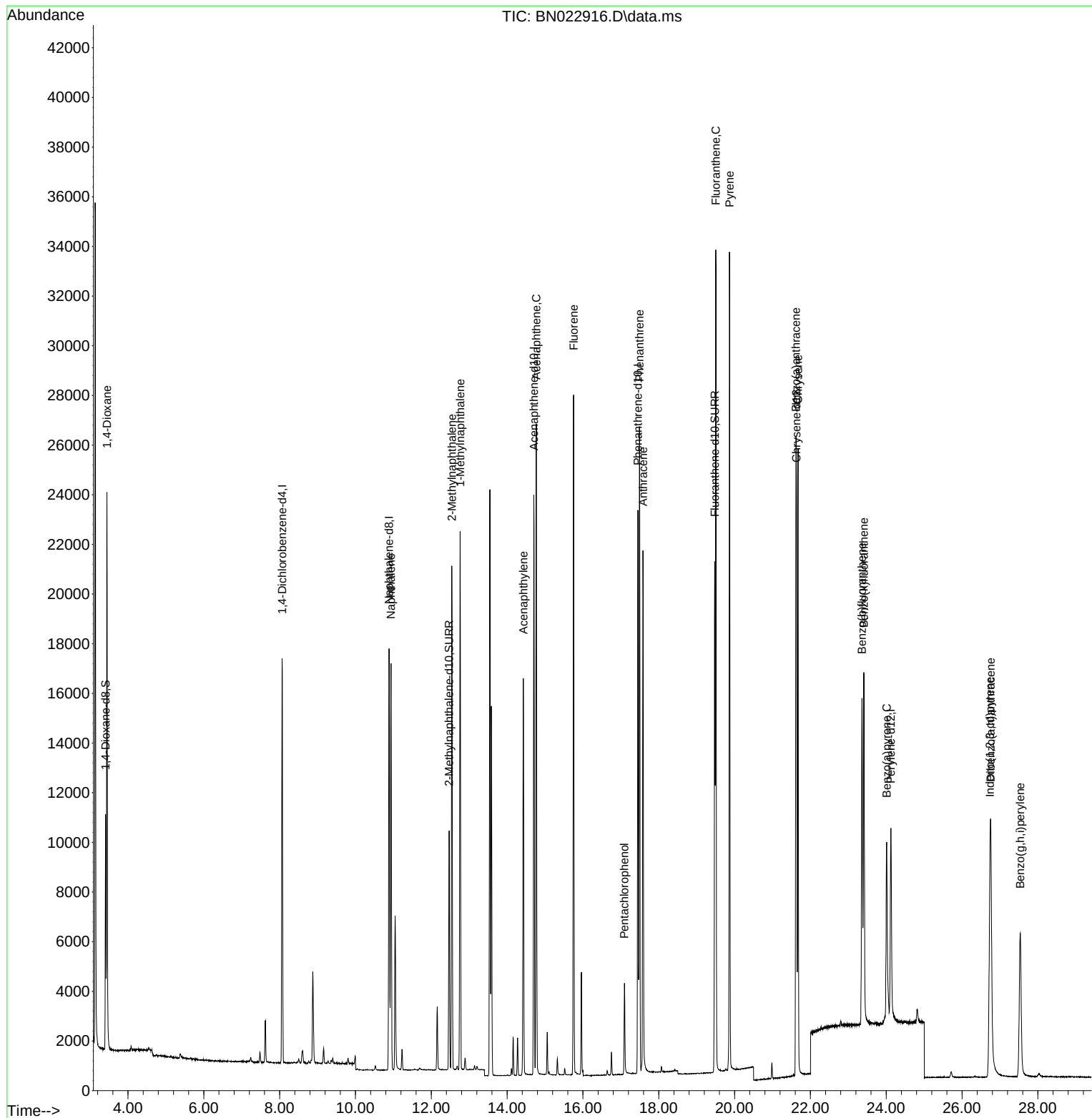
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	7891	0.400	ng/ul	0.00
4) Naphthalene-d8	10.887	136	22150	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.705	164	12142	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.449	188	25627	0.400	ng/ul	0.00
17) Chrysene-d12	21.633	240	16357	0.400	ng/ul	0.00
23) Perylene-d12	24.124	264	11459	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.408	96	5728	0.605	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.471	152	11743	0.348	ng/ul	0.00
18) Fluoranthene-d10	19.476	212	21421	0.354	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	14626	1.481	ng/ul	91
5) Naphthalene	10.936	128	21475	0.319	ng/ul	100
7) 2-Methylnaphthalene	12.542	142	13514	0.322	ng/ul	100
8) 1-Methylnaphthalene	12.762	142	14415	0.337	ng/ul	100
10) Acenaphthylene	14.428	152	17619	0.294	ng/ul	100
11) Acenaphthene	14.770	153	14834	0.313	ng/ul	99
12) Fluorene	15.756	166	16690	0.311	ng/ul	99
14) Pentachlorophenol	17.095	266	2536	0.473	ng/ul#	100
15) Phenanthrene	17.492	178	27523	0.313	ng/ul	100
16) Anthracene	17.584	178	23015	0.305	ng/ul	99
19) Fluoranthene	19.504	202	27708	0.328	ng/ul	98
20) Pyrene	19.866	202	26910	0.325	ng/ul	98
21) Benzo(a)anthracene	21.619	228	19409	0.310	ng/ul	100
22) Chrysene	21.674	228	22094	0.322	ng/ul	99
24) Benzo(b)fluoranthene	23.361	252	17983	0.310	ng/ul	98
25) Benzo(k)fluoranthene	23.408	252	19990	0.326	ng/ul	98
26) Benzo(a)pyrene	24.013	252	13285	0.300	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.738	276	16554	0.315	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.758	278	13706	0.328	ng/ul	99
29) Benzo(g,h,i)perylene	27.536	276	14080	0.307	ng/ul	99

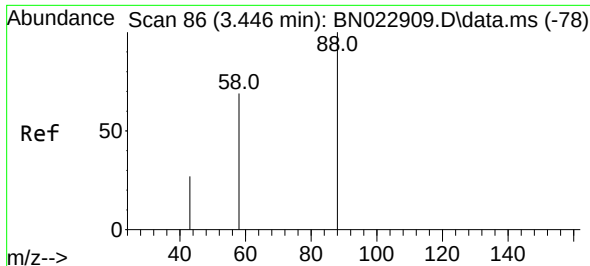
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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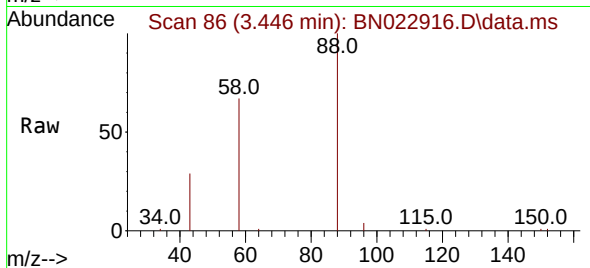
Quant Time: Nov 29 01:11:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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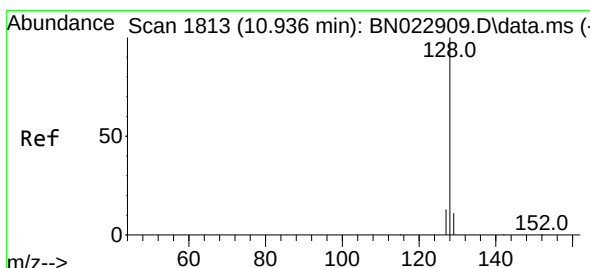
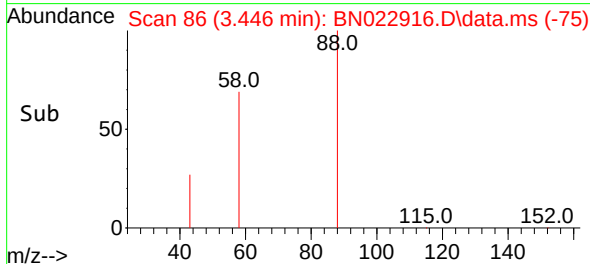
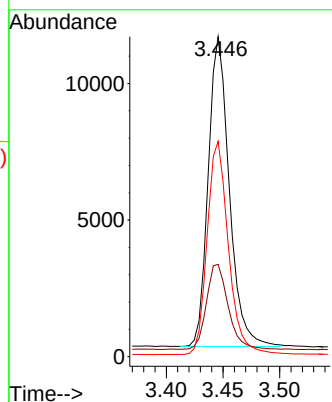


#2
1,4-Dioxane
Concen: 1.481 ng/ul
RT: 3.446 min Scan# 86
Delta R.T. -0.004 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

Instrument :
BNA_N
ClientSampleId :

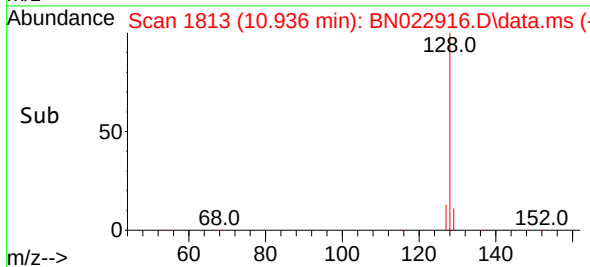
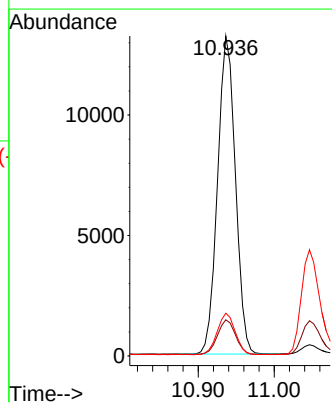
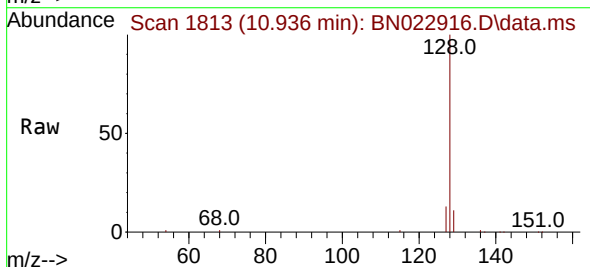


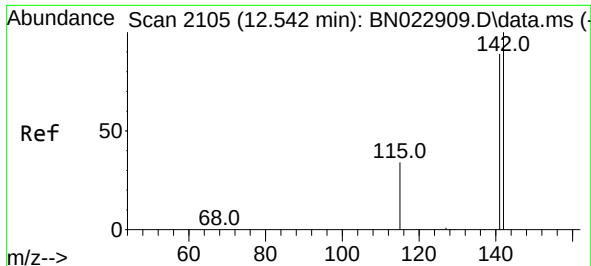
Tgt Ion: 88 Resp: 14626
Ion Ratio Lower Upper
88 100
43 28.9 26.2 39.4
58 67.3 47.6 71.4



#5
Naphthalene
Concen: 0.319 ng/ul
RT: 10.936 min Scan# 1813
Delta R.T. -0.005 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

Tgt Ion: 128 Resp: 21475
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.6 16.0

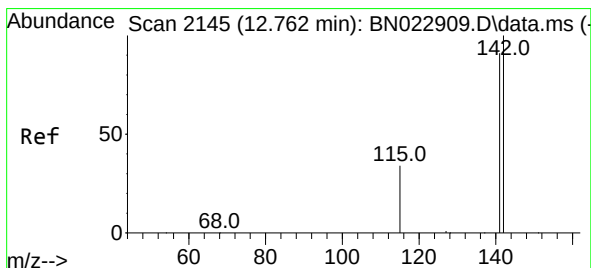
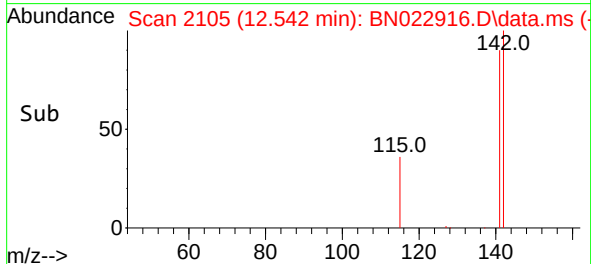
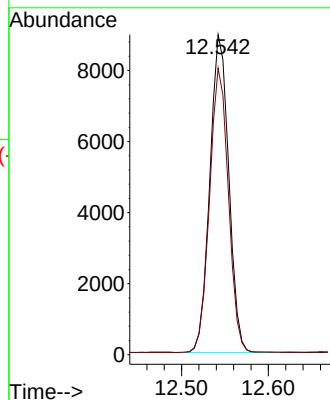
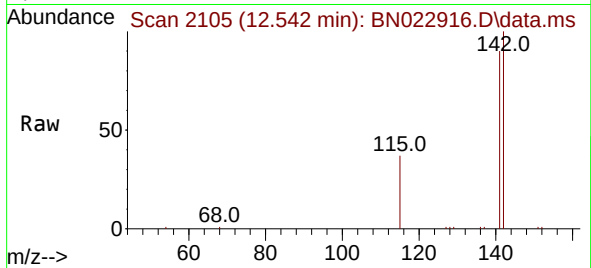




#7
2-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.542 min Scan# 2105
Delta R.T. -0.005 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

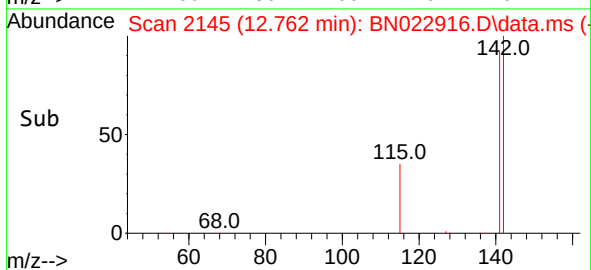
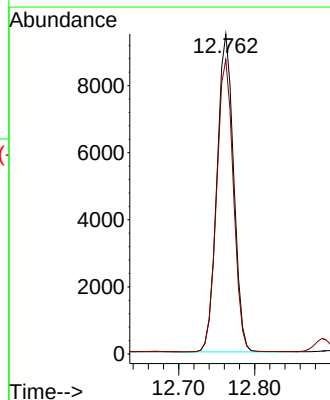
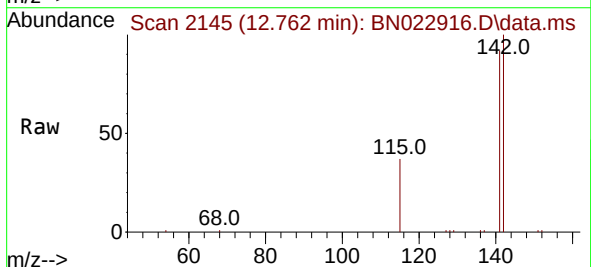
Instrument :
BNA_N
ClientSampleId :

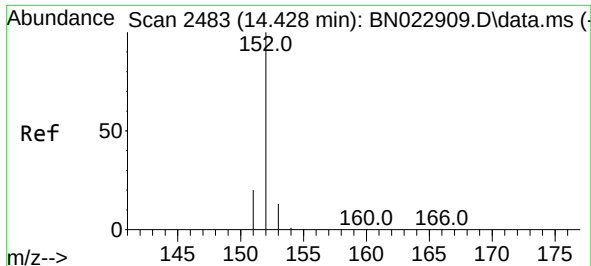
Tgt Ion:142 Resp: 13514
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.762 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

Tgt Ion:142 Resp: 14415
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6

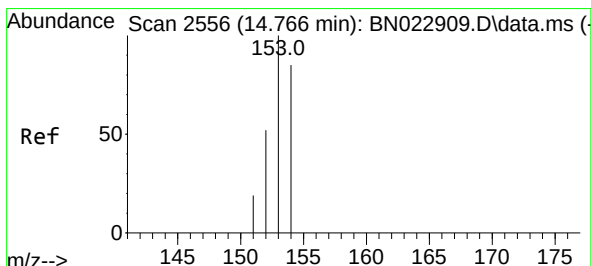
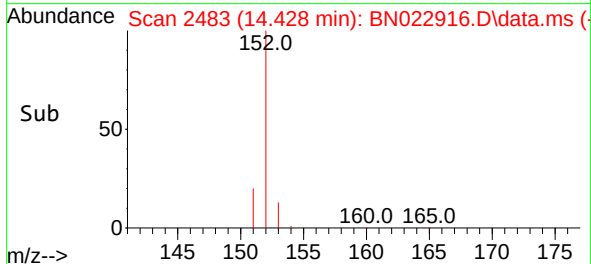
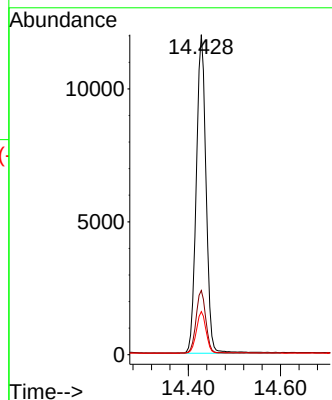
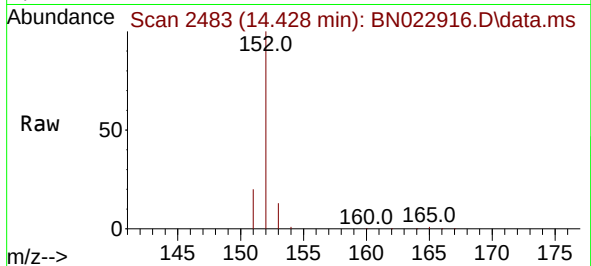




#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 14.428 min Scan# 2483
Delta R.T. -0.005 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

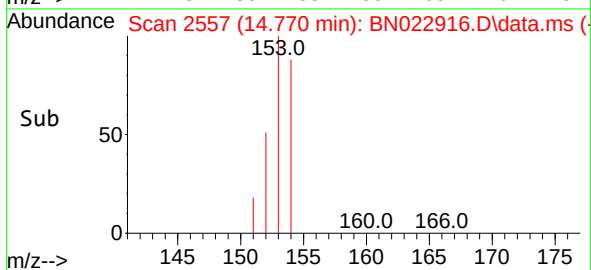
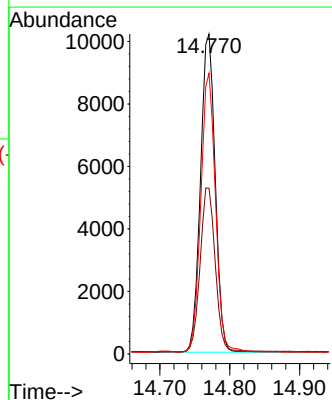
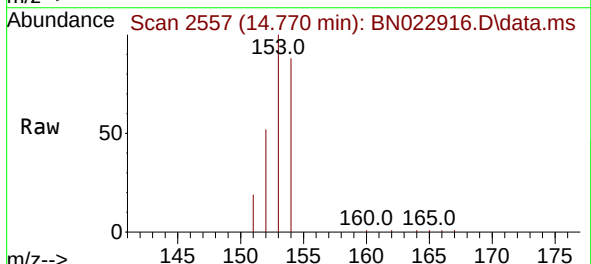
Instrument :
BNA_N
ClientSampleId :

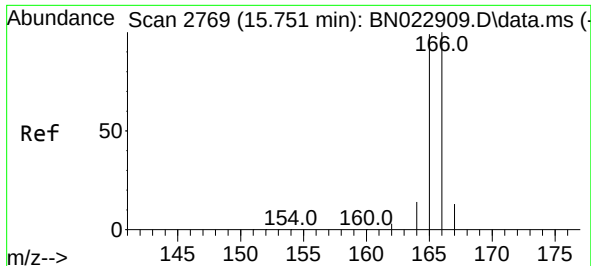
Tgt Ion:152 Resp: 17619
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.5 10.5 15.7



#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.770 min Scan# 2557
Delta R.T. -0.005 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

Tgt Ion:153 Resp: 14834
Ion Ratio Lower Upper
153 100
152 51.8 41.8 62.8
154 87.7 71.3 106.9

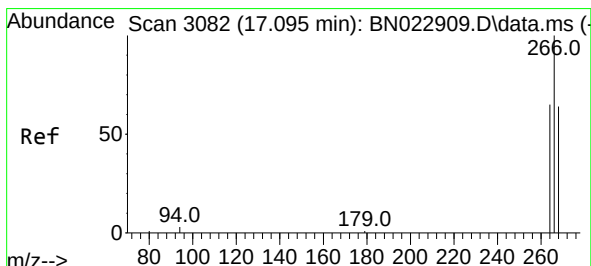
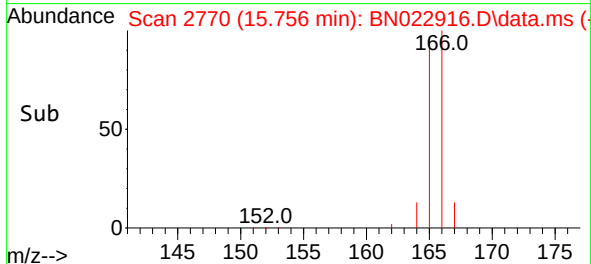
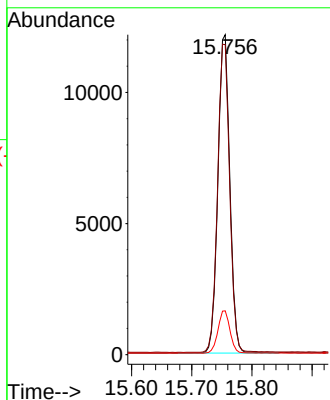
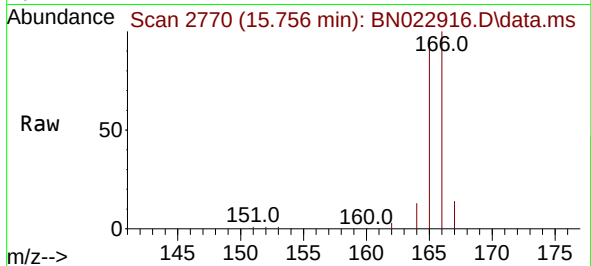




#12
 Fluorene
 Concen: 0.311 ng/ul
 RT: 15.756 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN022916.D
 Acq: 28 Nov 2022 13:08

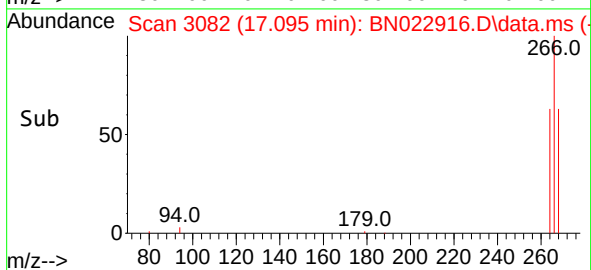
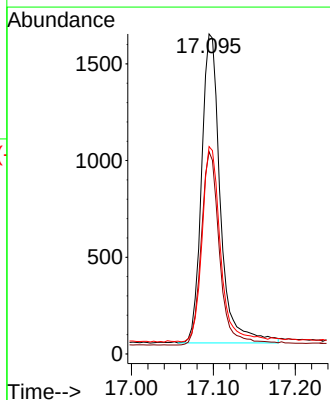
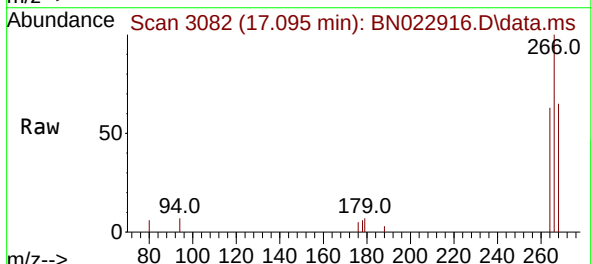
Instrument :
 BNA_N
 ClientSampleId :

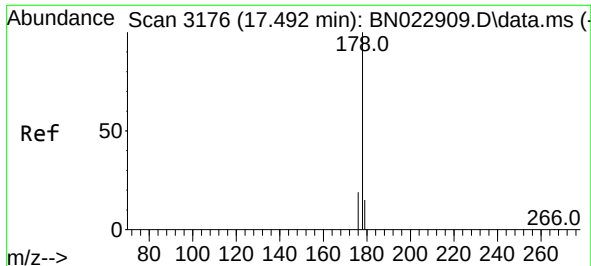
Tgt Ion:166 Resp: 16690
 Ion Ratio Lower Upper
 166 100
 165 96.9 78.7 118.1
 167 13.7 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.473 ng/ul
 RT: 17.095 min Scan# 3082
 Delta R.T. -0.004 min
 Lab File: BN022916.D
 Acq: 28 Nov 2022 13:08

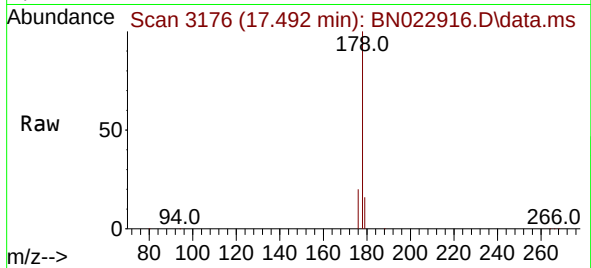
Tgt Ion:266 Resp: 2536
 Ion Ratio Lower Upper
 266 100
 264 61.4 0.0 0.0#
 268 61.9 0.0 0.0#



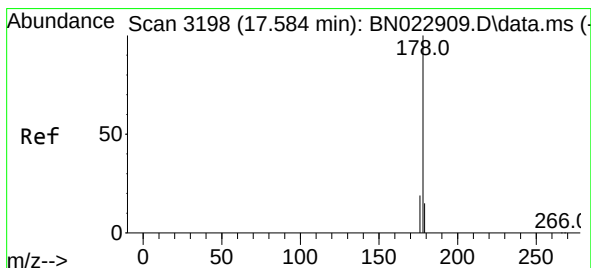
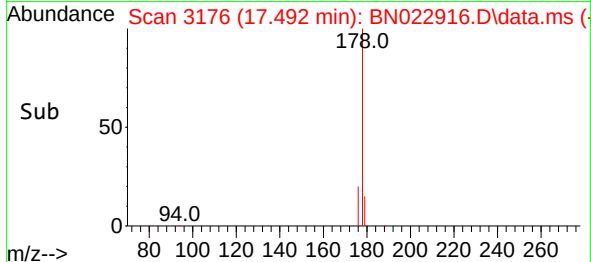
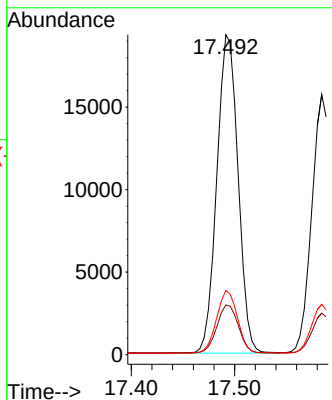


#15
Phenanthrene
Concen: 0.313 ng/ul
RT: 17.492 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

Instrument :
BNA_N
ClientSampleId :

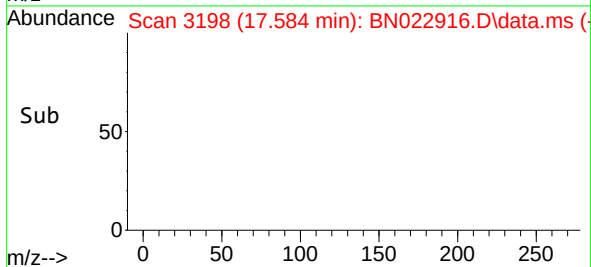
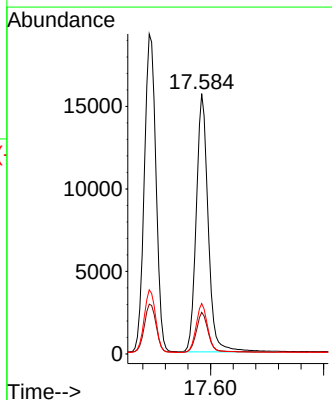
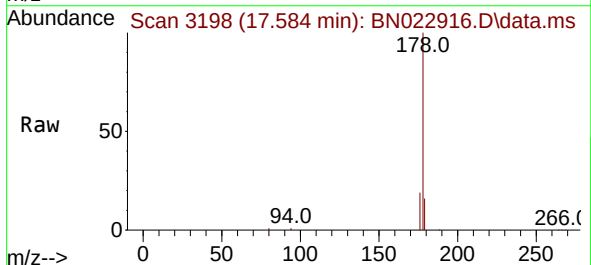


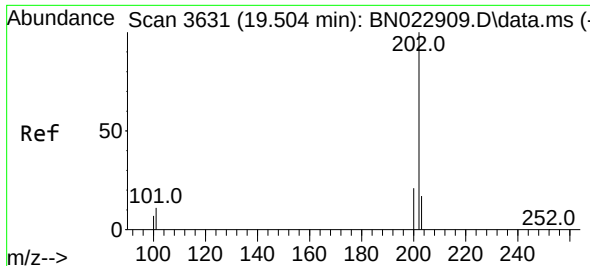
Tgt Ion:178 Resp: 27523
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 20.1 15.9 23.9



#16
Anthracene
Concen: 0.305 ng/ul
RT: 17.584 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

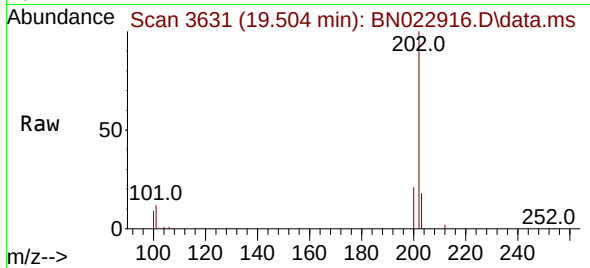
Tgt Ion:178 Resp: 23015
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.3 15.3 22.9



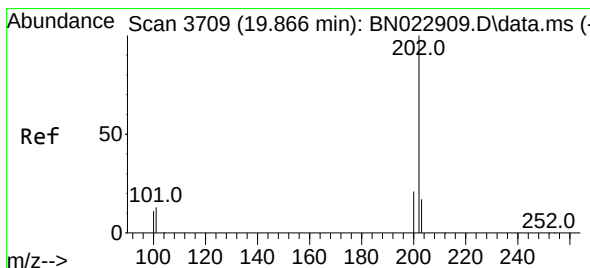
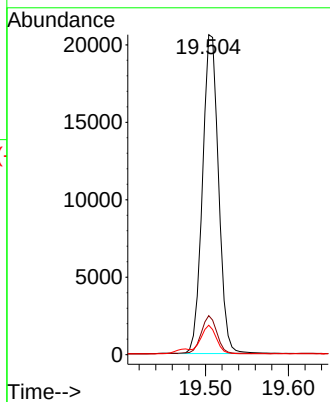
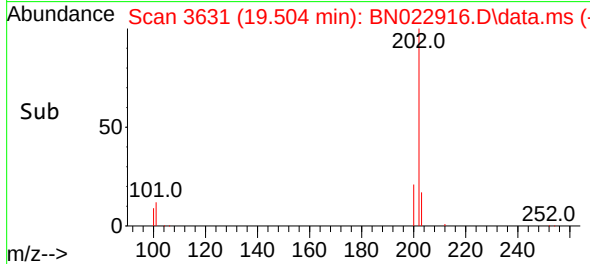


#19
Fluoranthene
Concen: 0.328 ng/ul
RT: 19.504 min Scan# 3631
Delta R.T. -0.005 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

Instrument :
BNA_N
ClientSampleId :

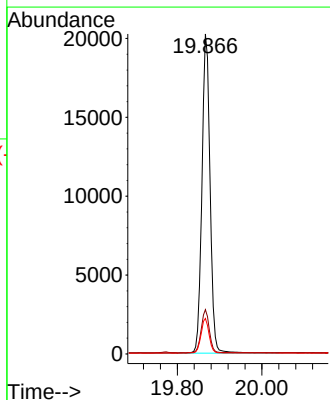
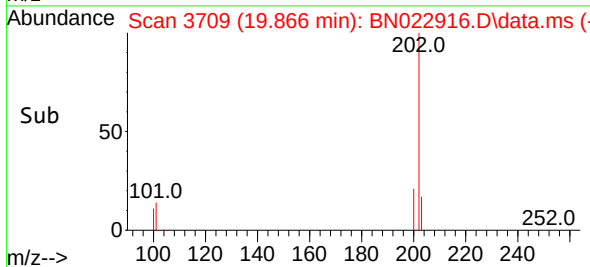
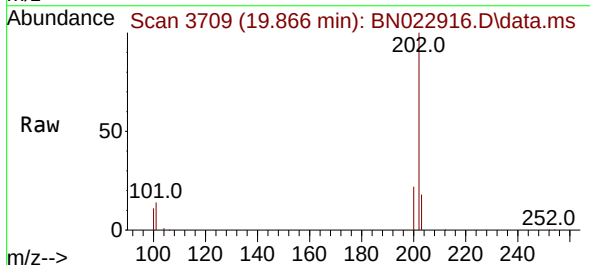


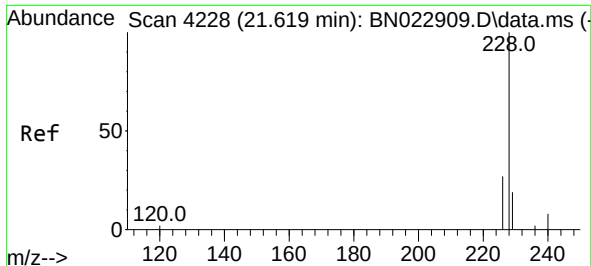
Tgt Ion:202 Resp: 27708
Ion Ratio Lower Upper
202 100
101 12.2 9.2 13.8
100 9.2 6.9 10.3



#20
Pyrene
Concen: 0.325 ng/ul
RT: 19.866 min Scan# 3709
Delta R.T. -0.005 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

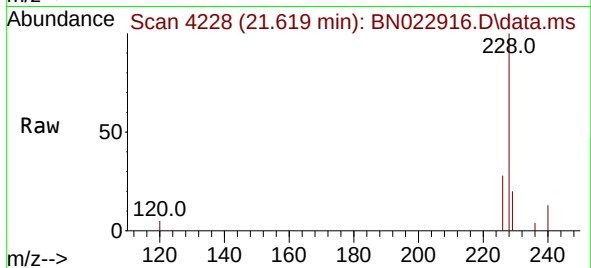
Tgt Ion:202 Resp: 26910
Ion Ratio Lower Upper
202 100
101 13.9 10.6 16.0
100 11.1 8.2 12.4



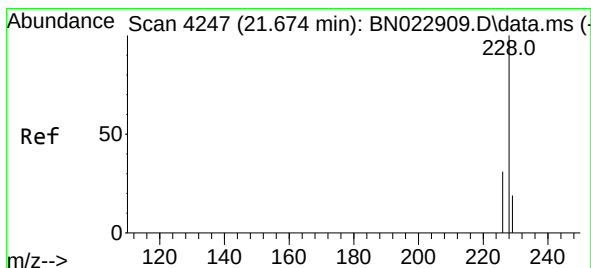
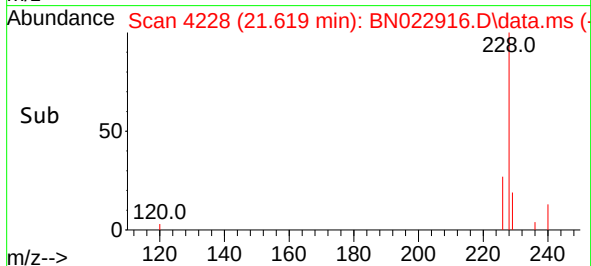
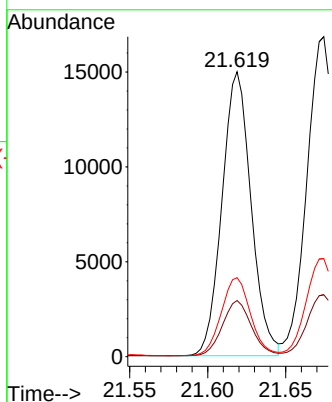


#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.619 min Scan# 4228
Delta R.T. 0.000 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

Instrument :
BNA_N
ClientSampleId :

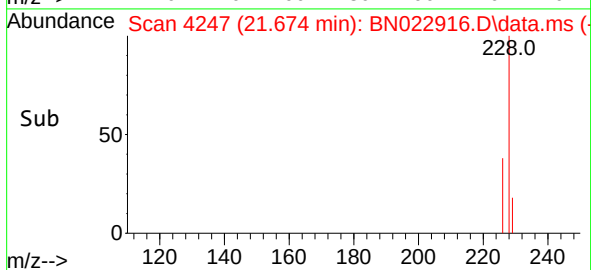
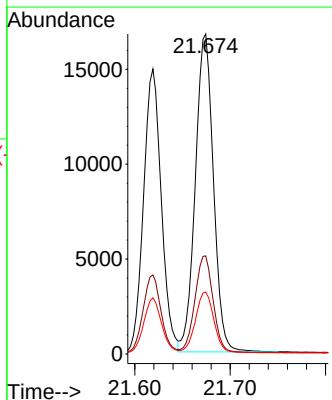
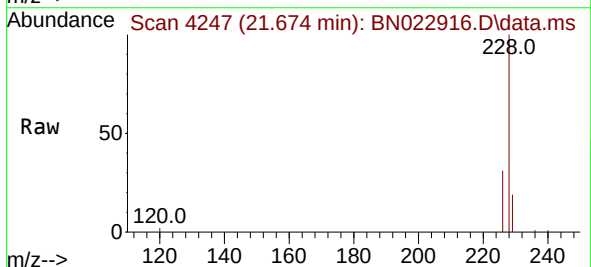


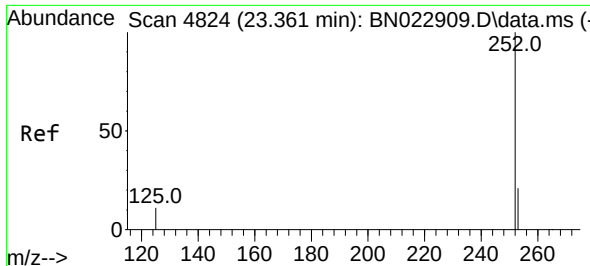
Tgt Ion:228 Resp: 19409
Ion Ratio Lower Upper
228 100
229 19.7 15.5 23.3
226 27.7 22.2 33.4



#22
Chrysene
Concen: 0.322 ng/ul
RT: 21.674 min Scan# 4247
Delta R.T. 0.000 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

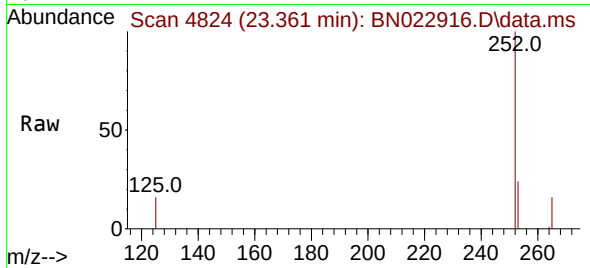
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Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.4 15.8 23.8



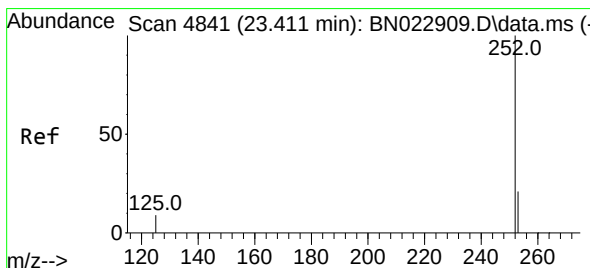
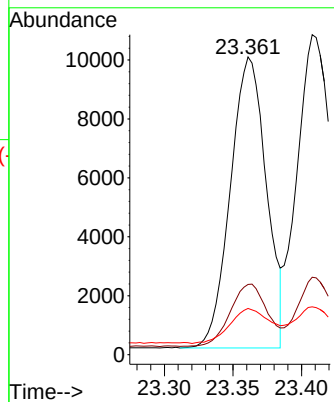


#24
Benzo(b)fluoranthene
Concen: 0.310 ng/ul
RT: 23.361 min Scan# 4824
Delta R.T. -0.003 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

Instrument :
BNA_N
ClientSampleId :

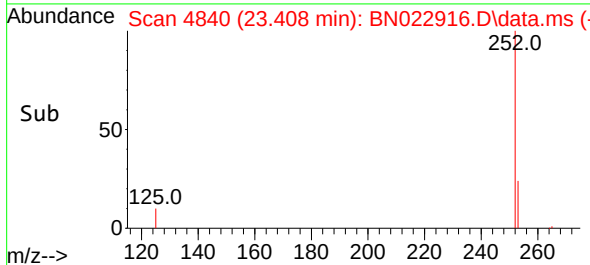
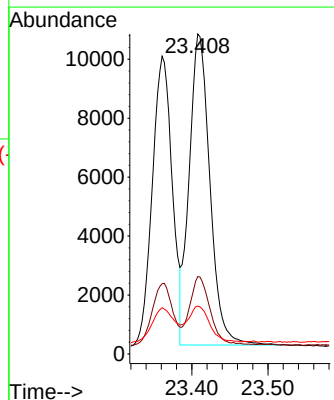
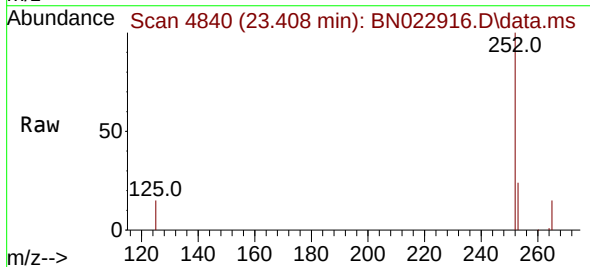


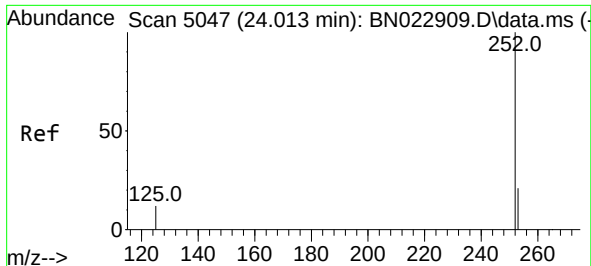
Tgt Ion:252 Resp: 17983
Ion Ratio Lower Upper
252 100
253 23.6 0.0 46.0
125 15.5 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.408 min Scan# 4840
Delta R.T. -0.006 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

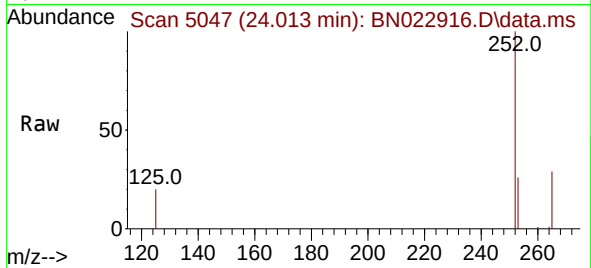
Tgt Ion:252 Resp: 19990
Ion Ratio Lower Upper
252 100
253 24.2 18.7 28.1
125 14.9 11.3 16.9



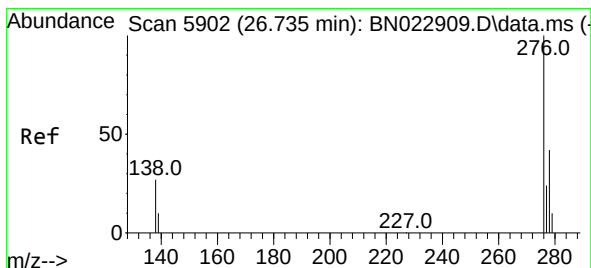
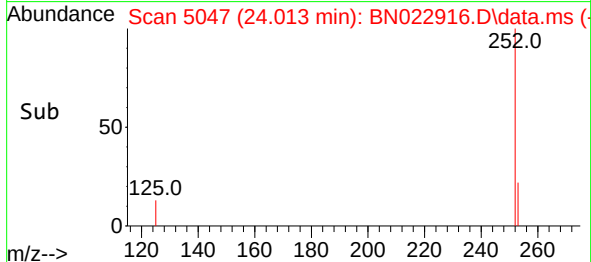
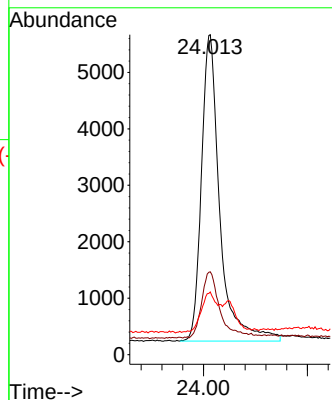


#26
Benzo(a)pyrene
Concen: 0.300 ng/ul
RT: 24.013 min Scan# 5047
Delta R.T. 0.000 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

Instrument :
BNA_N
ClientSampleId :

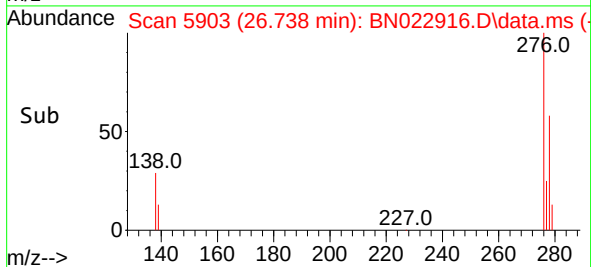
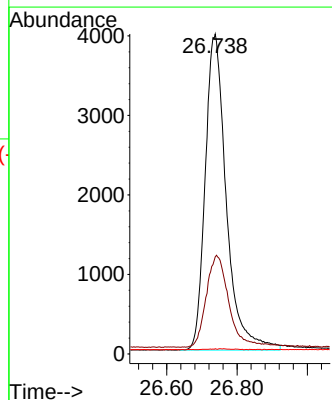
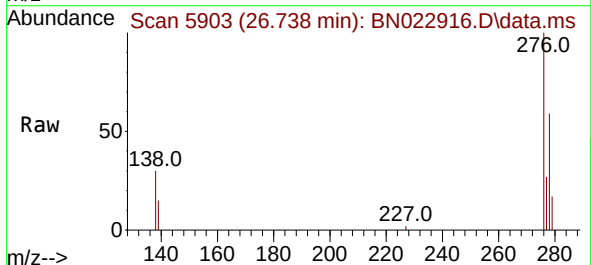


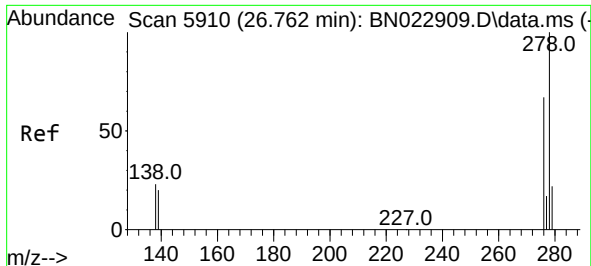
Tgt Ion:252 Resp: 13285
Ion Ratio Lower Upper
252 100
253 25.9 19.7 29.5
125 19.6 13.7 20.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 26.738 min Scan# 5903
Delta R.T. -0.003 min
Lab File: BN022916.D
Acq: 28 Nov 2022 13:08

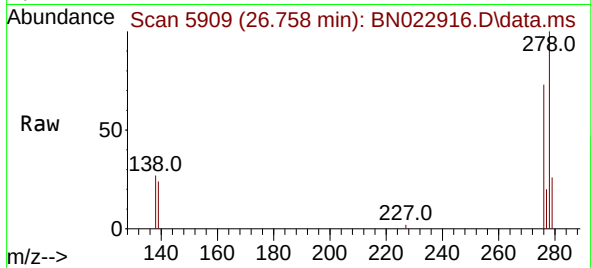
Tgt Ion:276 Resp: 16554
Ion Ratio Lower Upper
276 100
138 31.4 0.0 0.0#
227 0.0 0.0 0.0#



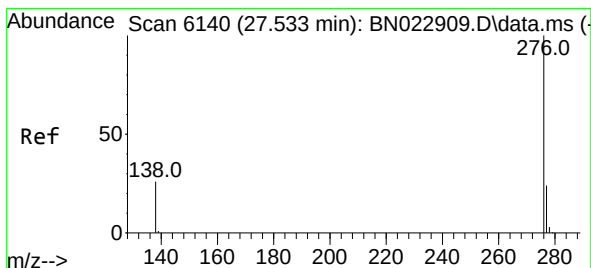
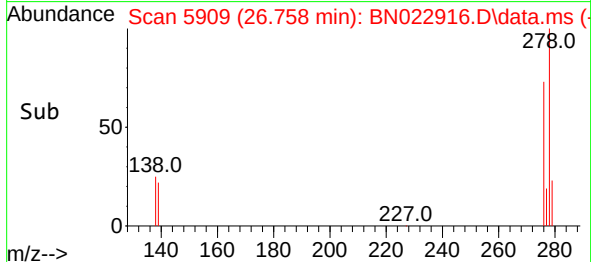
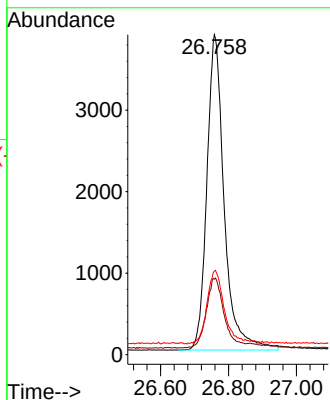


#28
 Dibenzo(a,h)anthracene
 Concen: 0.328 ng/ul
 RT: 26.758 min Scan# 5910
 Delta R.T. -0.003 min
 Lab File: BN022916.D
 Acq: 28 Nov 2022 13:08

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 13706
 Ion Ratio Lower Upper
 278 100
 139 23.6 18.3 27.5
 279 26.1 20.4 30.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.307 ng/ul
 RT: 27.536 min Scan# 6141
 Delta R.T. -0.003 min
 Lab File: BN022916.D
 Acq: 28 Nov 2022 13:08

Tgt Ion:276 Resp: 14080
 Ion Ratio Lower Upper
 276 100
 138 27.8 22.1 33.1
 277 25.5 19.4 29.2

