

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016074.D
 Acq On : 26 Aug 2021 16:08
 Operator : CG/JU
 Sample : M3395-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3625

Quant Time: Aug 26 16:38:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 11:35:43 2021
 Response via : Initial Calibration

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

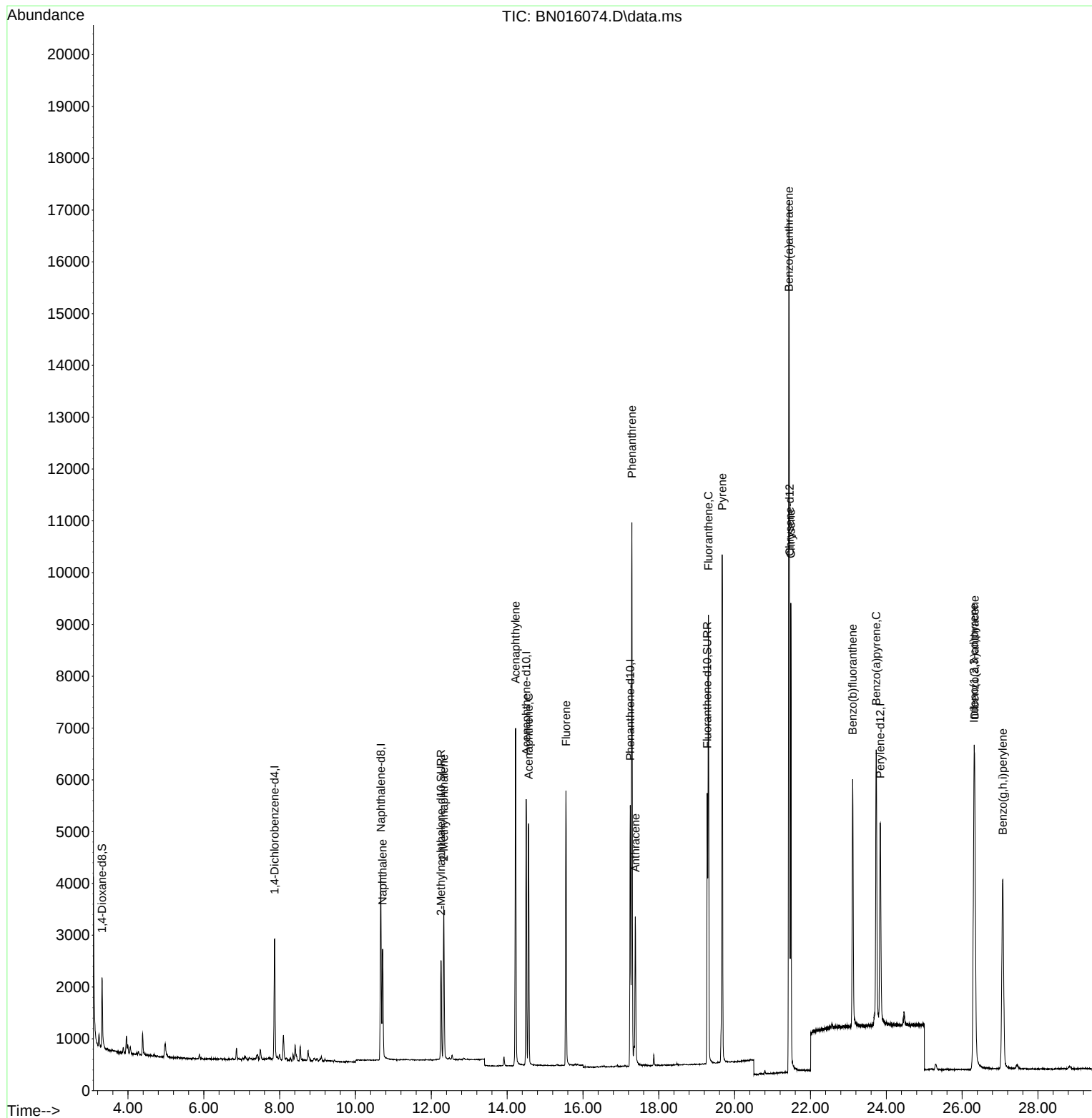
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1235	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	5176	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	3027	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	6425	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	6598	0.400	ng/ul	0.02
23) Perylene-d12	23.842	264	5844	0.400	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	1040	0.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	2702	0.347	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	6343	0.357	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.716	128	3182	0.238	ng/ul	97
7) 2-Methylnaphthalene	12.327	142	2270	0.251	ng/ul	99
10) Acenaphthylene	14.224	152	8052	0.753	ng/ul	98
11) Acenaphthene	14.566	153	2869	0.311	ng/ul	99
12) Fluorene	15.552	166	3614	0.331	ng/ul	98
15) Phenanthrene	17.289	178	11649	0.657	ng/ul	99
16) Anthracene	17.381	178	3458	0.226	ng/ul	98
19) Fluoranthene	19.308	202	7891	0.383	ng/ul	99
20) Pyrene	19.671	202	8791	0.424	ng/ul	99
21) Benzo(a)anthracene	21.430	228	14032	0.683	ng/ul	99
22) Chrysene	21.483	228	8218	0.372	ng/ul	100
24) Benzo(b)fluoranthene	23.114	252	6968	0.320	ng/ul	95
26) Benzo(a)pyrene	23.734	252	9054	0.494	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.313	276	8843	0.364	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.330	278	7876	0.386	ng/ul	99
29) Benzo(g,h,i)perylene	27.071	276	8914	0.426	ng/ul	99

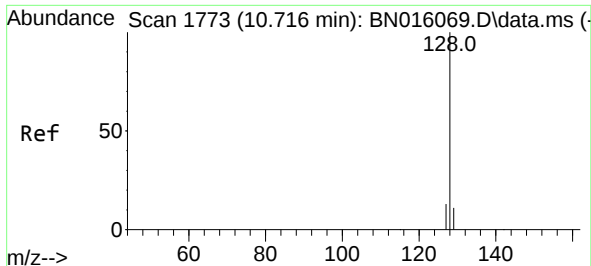
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016074.D
Acq On : 26 Aug 2021 16:08
Operator : CG/JU
Sample : M3395-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
X3625

Quant Time: Aug 26 16:38:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 11:35:43 2021
Response via : Initial Calibration

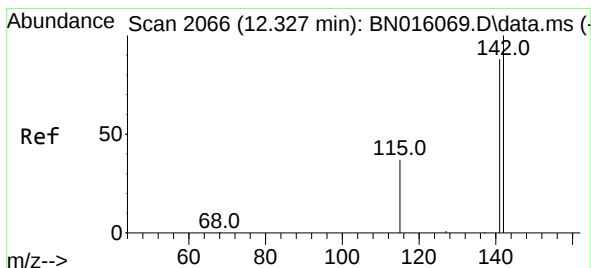
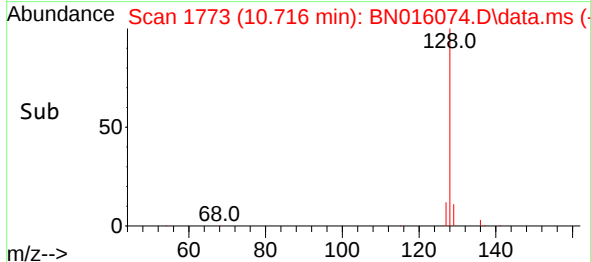
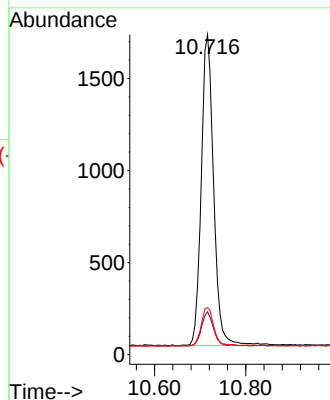
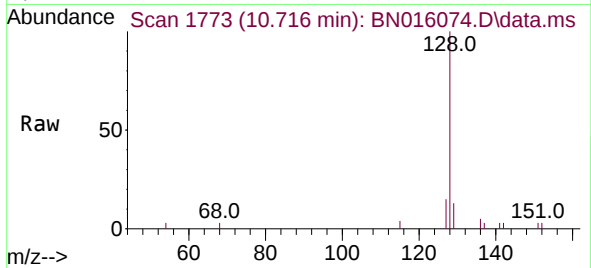




#5
Naphthalene
Concen: 0.238 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BN016074.D
Acq: 26 Aug 2021 16:08

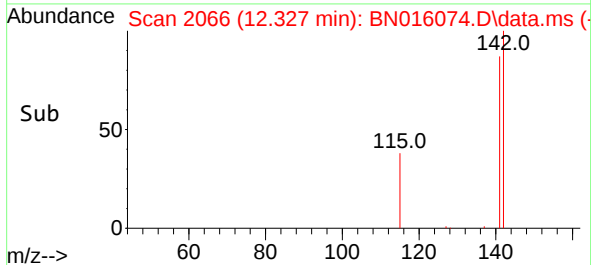
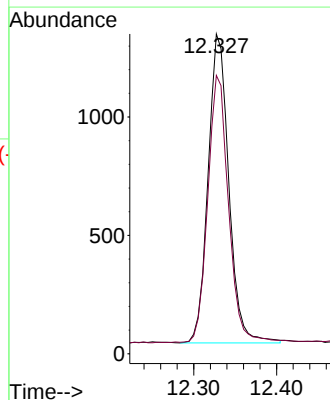
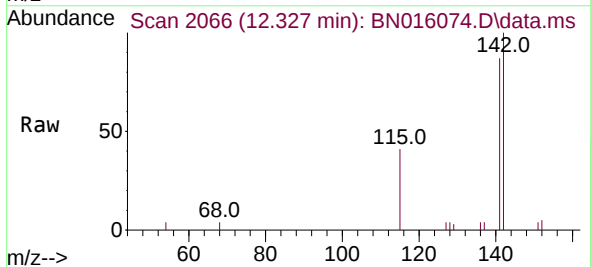
Instrument :
BNA_N
ClientSampled :
X3625

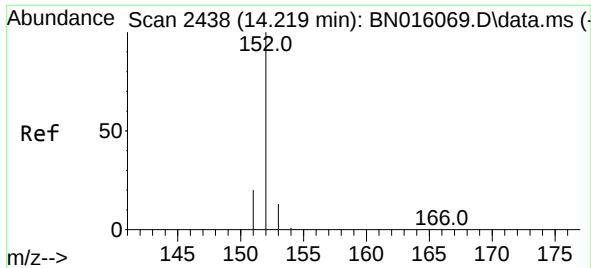
Tgt Ion:	128	Resp:	3182
Ion Ratio	Lower	Upper	
128	100		
129	13.4	9.7	14.5
127	14.7	11.1	16.7



#7
2-Methylnaphthalene
Concen: 0.251 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016074.D
Acq: 26 Aug 2021 16:08

Tgt Ion:	142	Resp:	2270
Ion Ratio	Lower	Upper	
142	100		
141	86.3	69.8	104.6

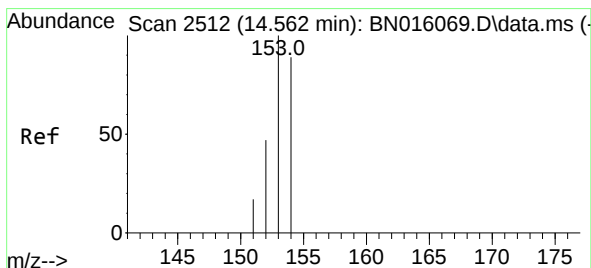
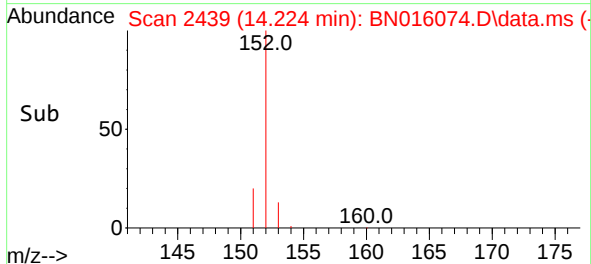
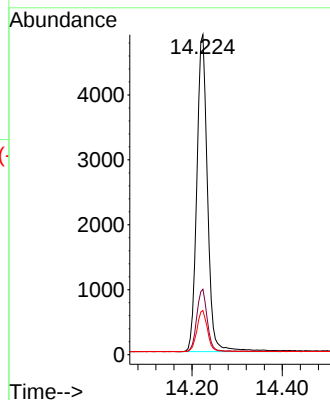
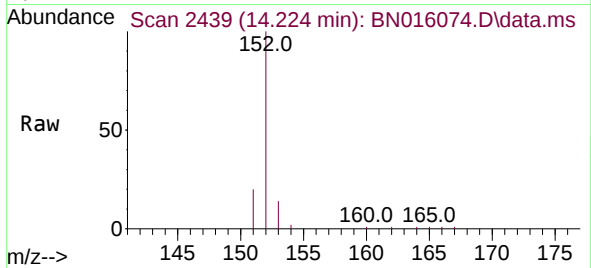




#10
Acenaphthylene
Concen: 0.753 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.005 min
Lab File: BN016074.D
Acq: 26 Aug 2021 16:08

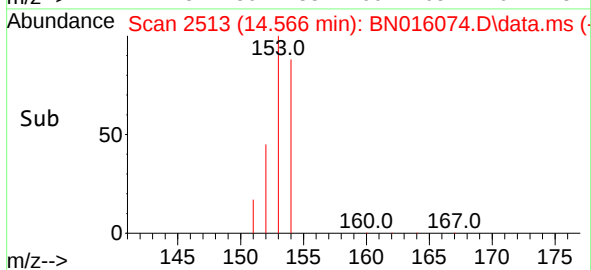
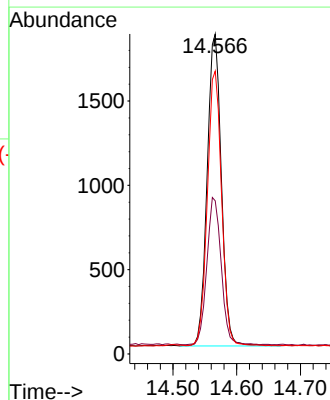
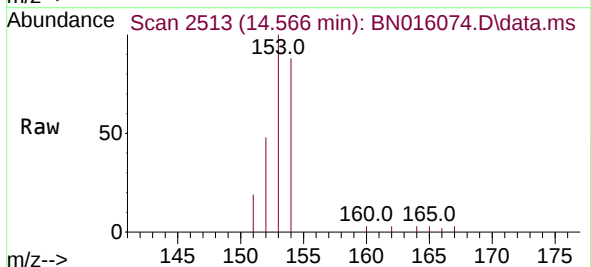
Instrument :
BNA_N
ClientSampled :
X3625

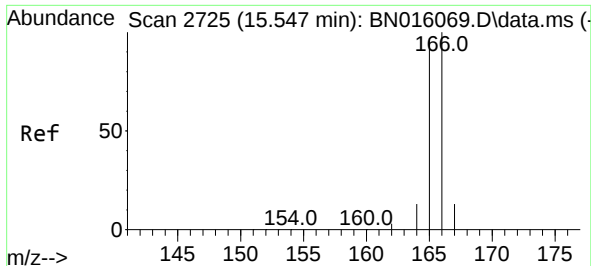
Tgt Ion:	152	Resp:	8052
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.0	25.6
153	13.8	11.8	17.6



#11
Acenaphthene
Concen: 0.311 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. 0.005 min
Lab File: BN016074.D
Acq: 26 Aug 2021 16:08

Tgt Ion:	153	Resp:	2869
Ion Ratio	Lower	Upper	
153	100		
152	47.8	38.3	57.5
154	88.4	70.2	105.2

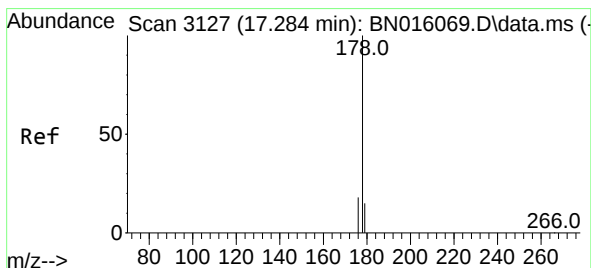
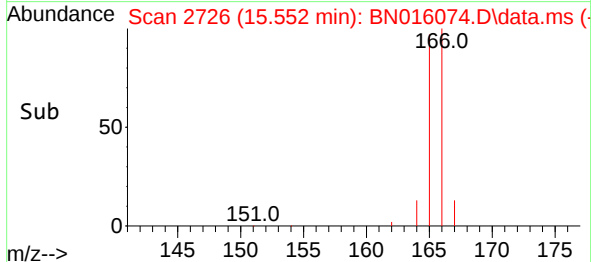
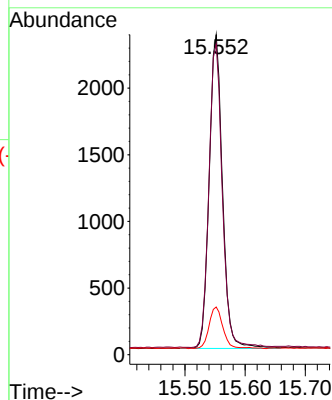
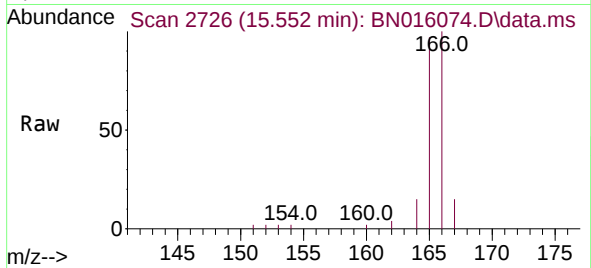




#12
Fluorene
Concen: 0.331 ng/ul
RT: 15.552 min Scan# 2726
Delta R.T. 0.005 min
Lab File: BN016074.D
Acq: 26 Aug 2021 16:08

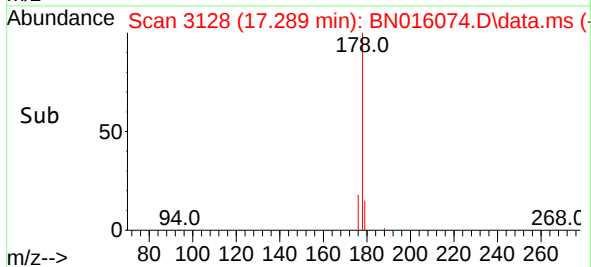
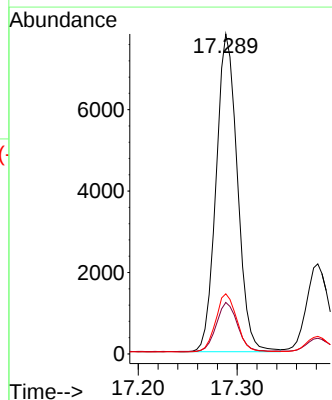
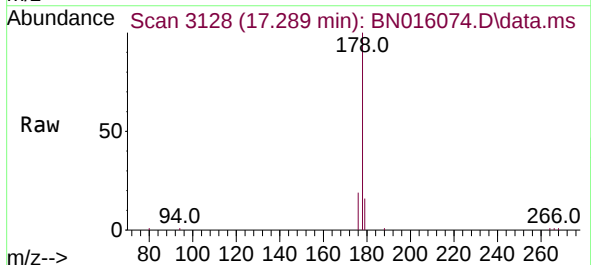
Instrument :
BNA_N
ClientSampled :
X3625

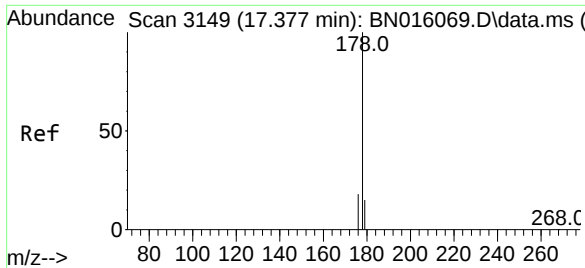
Tgt Ion:166 Resp: 3614
Ion Ratio Lower Upper
166 100
165 97.0 76.2 114.2
167 14.9 11.5 17.3



#15
Phenanthrene
Concen: 0.657 ng/ul
RT: 17.289 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BN016074.D
Acq: 26 Aug 2021 16:08

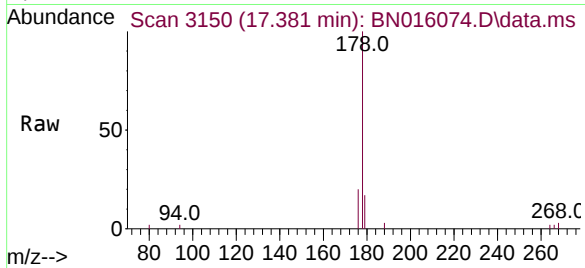
Tgt Ion:178 Resp: 11649
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.2
176 18.8 15.0 22.4



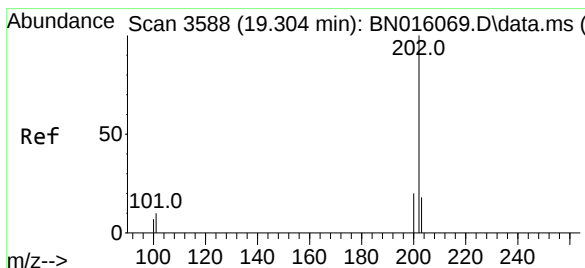
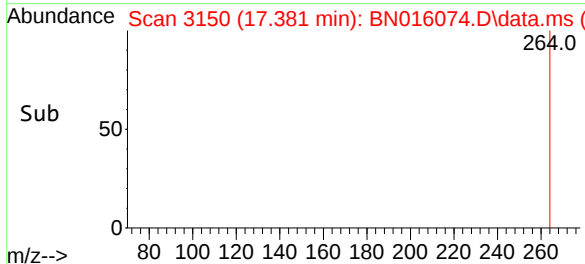
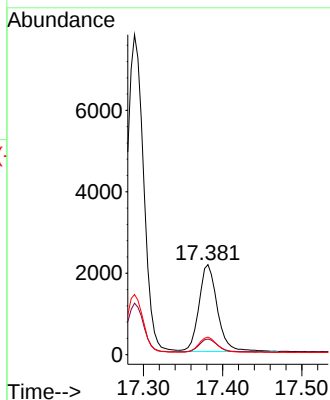


#16
 Anthracene
 Concen: 0.226 ng/ul
 RT: 17.381 min Scan# 3150
 Delta R.T. 0.004 min
 Lab File: BN016074.D
 Acq: 26 Aug 2021 16:08

Instrument :
 BNA_N
 ClientSampled :
 X3625

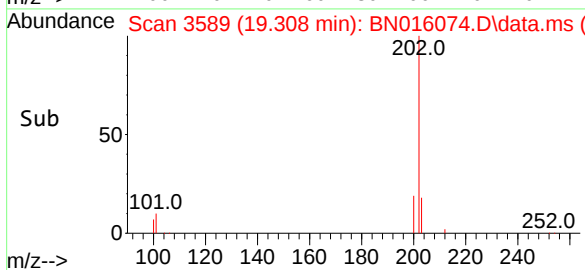
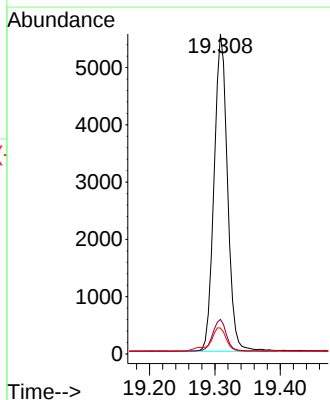
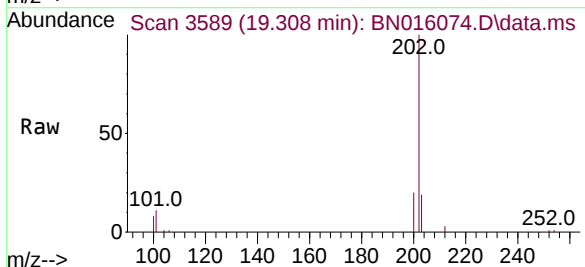


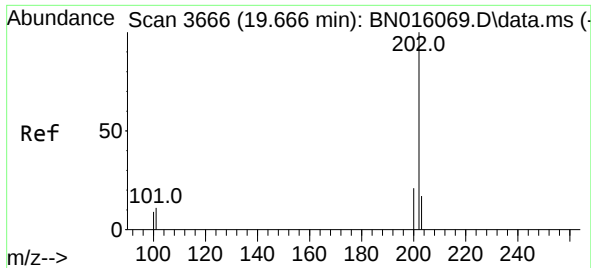
Tgt Ion:178 Resp: 3458
 Ion Ratio Lower Upper
 178 100
 179 17.4 13.4 20.0
 176 19.5 14.9 22.3



#19
 Fluoranthene
 Concen: 0.383 ng/ul
 RT: 19.308 min Scan# 3589
 Delta R.T. 0.005 min
 Lab File: BN016074.D
 Acq: 26 Aug 2021 16:08

Tgt Ion:202 Resp: 7891
 Ion Ratio Lower Upper
 202 100
 101 10.8 8.3 12.5
 100 8.1 6.6 9.8

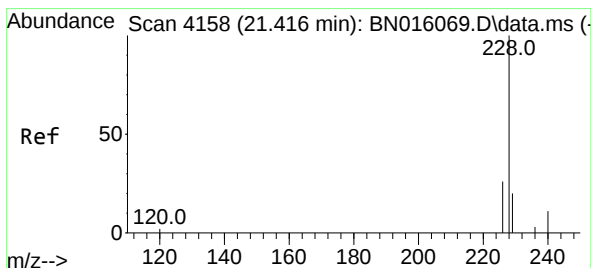
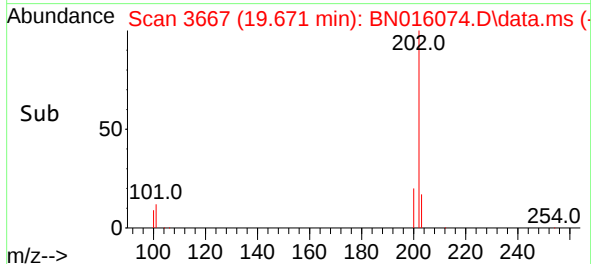
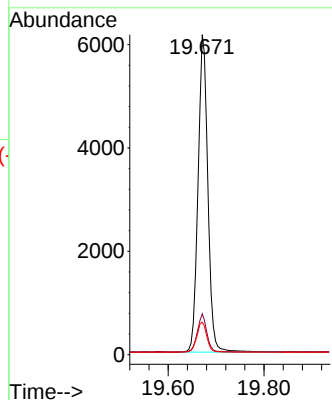
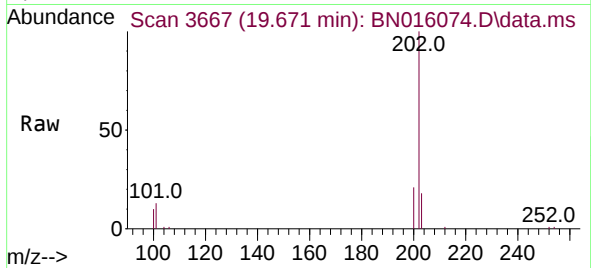




#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.671 min Scan# 3667
Delta R.T. 0.005 min
Lab File: BN016074.D
Acq: 26 Aug 2021 16:08

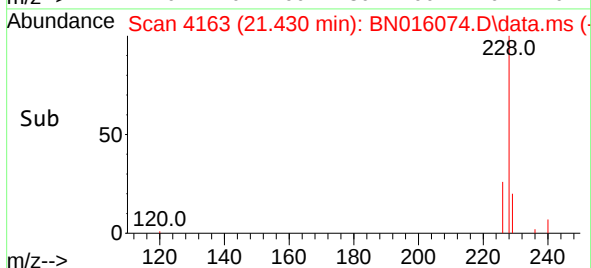
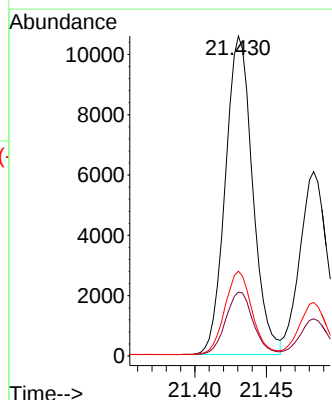
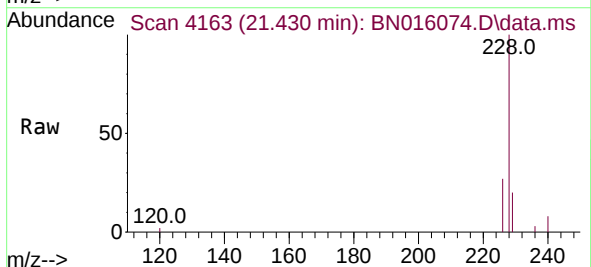
Instrument :
BNA_N
ClientSampleId :
X3625

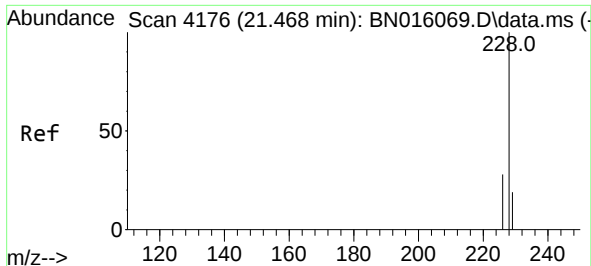
Tgt Ion:202 Resp: 8791
Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 10.2 8.4 12.6



#21
Benzo(a)anthracene
Concen: 0.683 ng/ul
RT: 21.430 min Scan# 4163
Delta R.T. 0.015 min
Lab File: BN016074.D
Acq: 26 Aug 2021 16:08

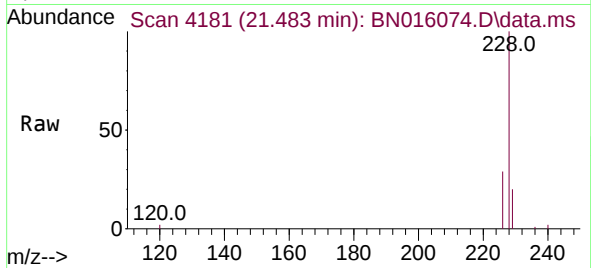
Tgt Ion:228 Resp: 14032
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 26.5 20.6 31.0



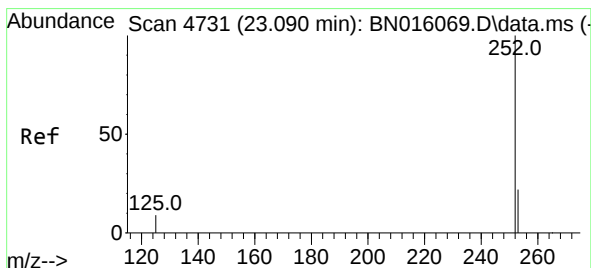
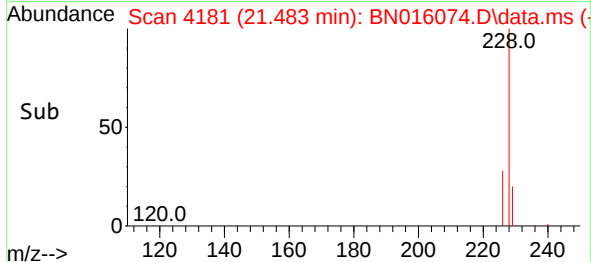
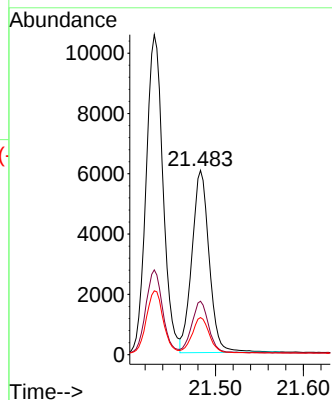


#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.483 min Scan# 4181
Delta R.T. 0.015 min
Lab File: BN016074.D
Acq: 26 Aug 2021 16:08

Instrument :
BNA_N
ClientSampleId :
X3625

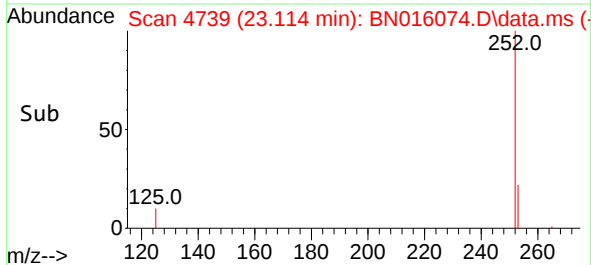
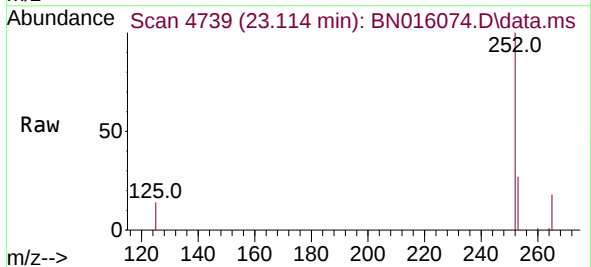
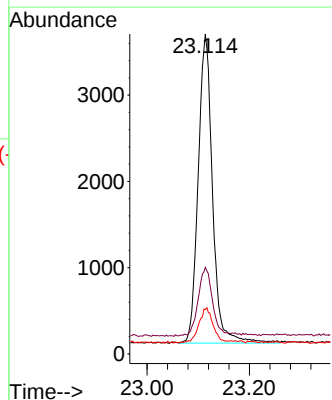


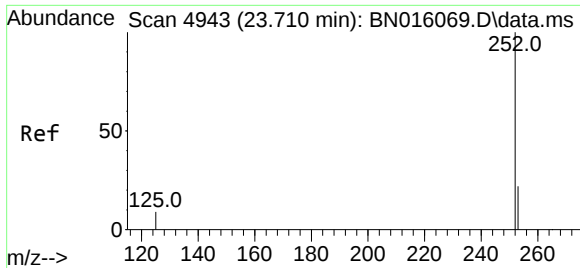
Tgt Ion:	228	Resp:	8218
Ion Ratio	100	Lower	Upper
226	29.0	23.4	35.0
229	20.2	16.4	24.6



#24
Benzo(b)fluoranthene
Concen: 0.320 ng/ul
RT: 23.114 min Scan# 4739
Delta R.T. 0.023 min
Lab File: BN016074.D
Acq: 26 Aug 2021 16:08

Tgt Ion:	252	Resp:	6968
Ion Ratio	100	Lower	Upper
253	27.0	0.0	50.6
125	13.9	0.0	21.6

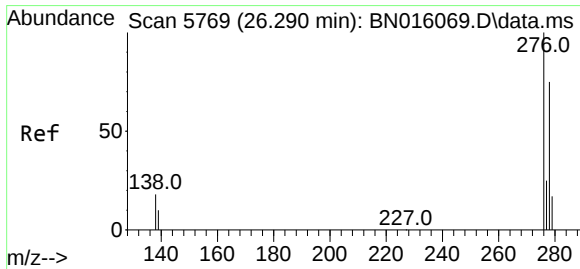
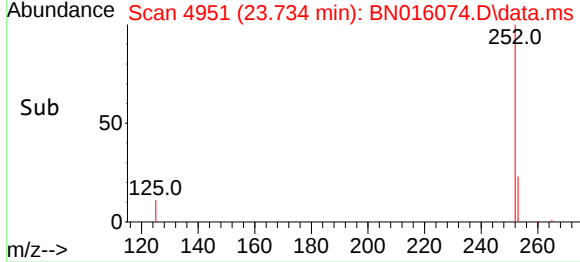
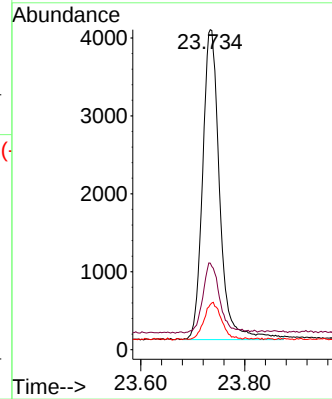
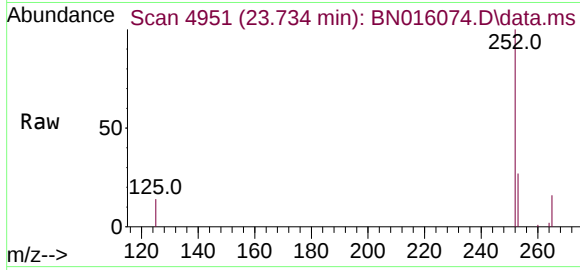




#26
Benzo(a)pyrene
Concen: 0.494 ng/ul
RT: 23.734 min Scan# 4951
Delta R.T. 0.023 min
Lab File: BN016074.D
Acq: 26 Aug 2021 16:08

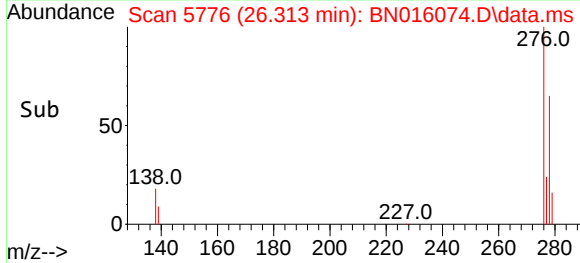
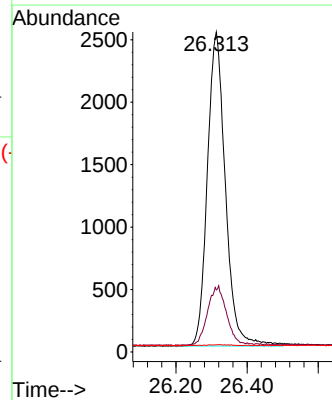
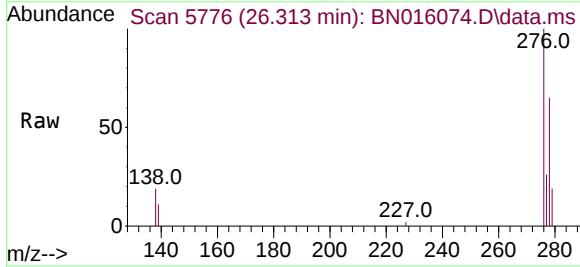
Instrument :
BNA_N
ClientSampled :
X3625

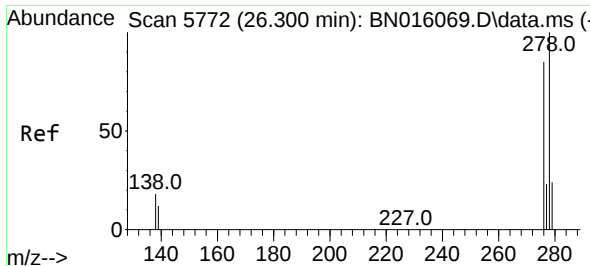
Tgt Ion:252	Resp:	9054
Ion Ratio	Lower	Upper
252	100	
253	27.0	22.1 33.1
125	14.1	10.2 15.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 26.313 min Scan# 5776
Delta R.T. 0.024 min
Lab File: BN016074.D
Acq: 26 Aug 2021 16:08

Tgt Ion:276	Resp:	8843
Ion Ratio	Lower	Upper
276	100	
138	19.6	15.1 22.7
227	0.2	0.1 0.1#

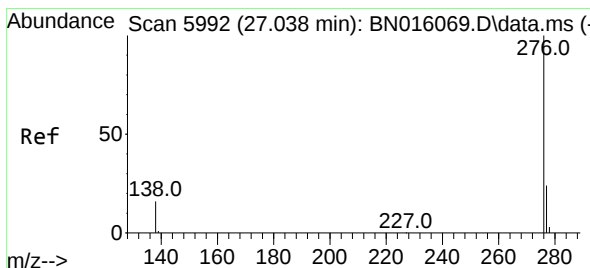
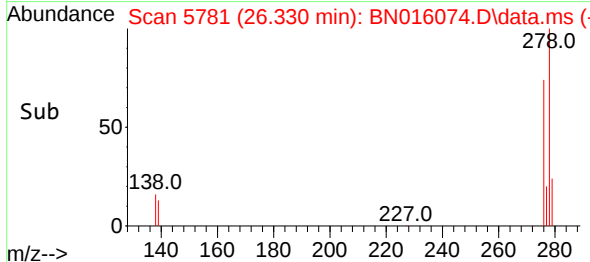
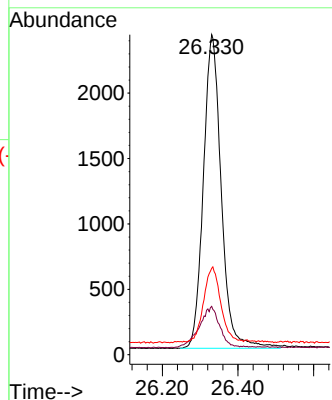
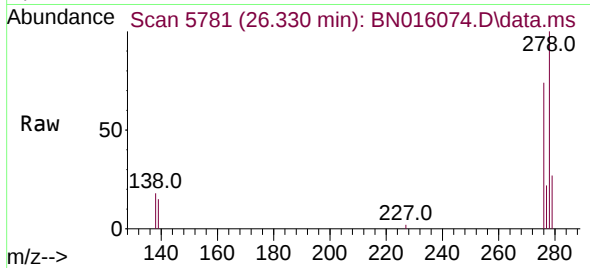




#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. 0.030 min
Lab File: BN016074.D
Acq: 26 Aug 2021 16:08

Instrument :
BNA_N
ClientSampled :
X3625

Tgt Ion:278 Resp: 7876
Ion Ratio Lower Upper
278 100
139 15.1 12.0 18.0
279 27.0 21.0 31.6



#29
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 27.071 min Scan# 6002
Delta R.T. 0.034 min
Lab File: BN016074.D
Acq: 26 Aug 2021 16:08

Tgt Ion:276 Resp: 8914
Ion Ratio Lower Upper
276 100
138 17.4 13.8 20.8
277 24.5 20.5 30.7

