

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015538.D
 Acq On : 13 Jul 2021 20:53
 Operator : CG/JU
 Sample : M2869-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDX2

Manual Integrations
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Quant Time: Jul 14 05:15:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 05:03:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	2934	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	10407	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.442	164	5597	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.188	188	11044	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	9288	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	8925	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	7931	2.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	3240	0.198	ng/ul	0.00
18) Fluoranthene-d10	19.226	212	6465	0.212	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	1543	0.046	ng/ul#	88
10) Acenaphthylene	14.160	152	1007	0.035	ng/ul#	75
11) Acenaphthene	14.503	153	12444	0.561	ng/ul	99
12) Fluorene	15.493	166	2373	0.097	ng/ul#	96
15) Phenanthrene	17.230	178	74415	1.856	ng/ul	100
16) Anthracene	17.323	178	10985	0.311	ng/ul	100
19) Fluoranthene	19.254	202	55382	1.290	ng/ul	98
20) Pyrene	19.616	202	42690	0.992	ng/ul	99
21) Benzo(a)anthracene	21.371	228	10524	0.306	ng/ul	93
22) Chrysene	21.424	228	9495	0.231	ng/ul	98
24) Benzo(b)fluoranthene	23.031	252	9262m	0.222	ng/ul	
25) Benzo(k)fluoranthene	23.072	252	3482m	0.074	ng/ul	
26) Benzo(a)pyrene	23.636	252	5264	0.150	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.165	276	3569	0.084	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.179	278	1020	0.031	ng/ul#	53

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

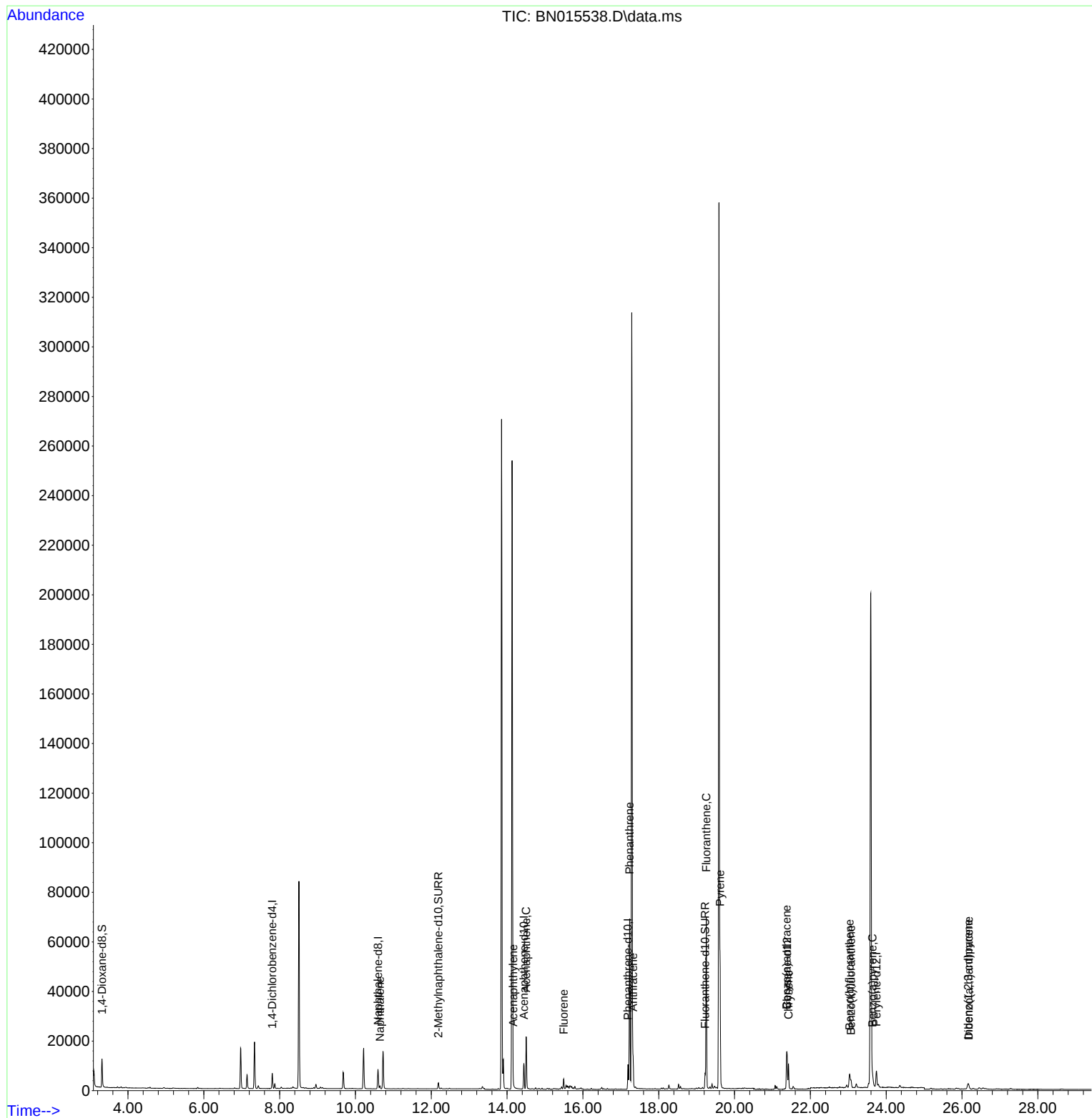
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Data File : BN015538.D
Acq On : 13 Jul 2021 20:53
Operator : CG/JU
Sample : M2869-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

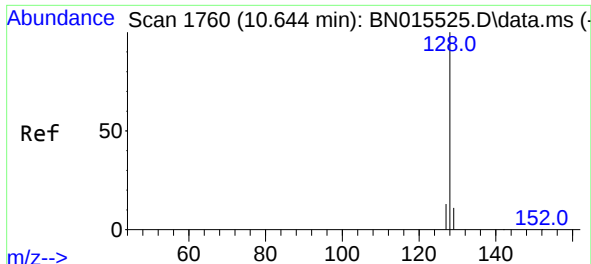
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
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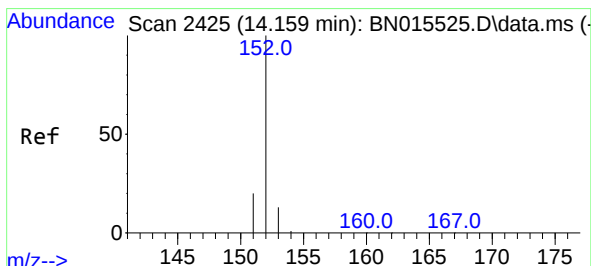
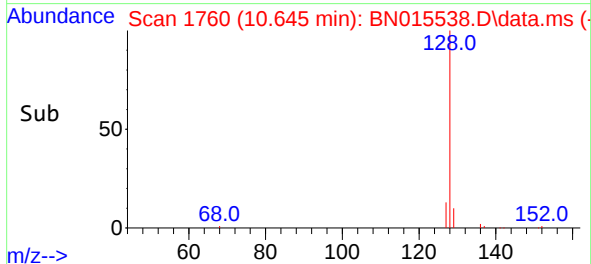
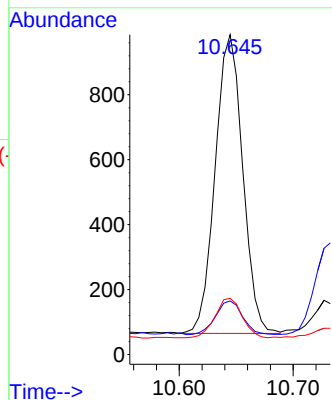
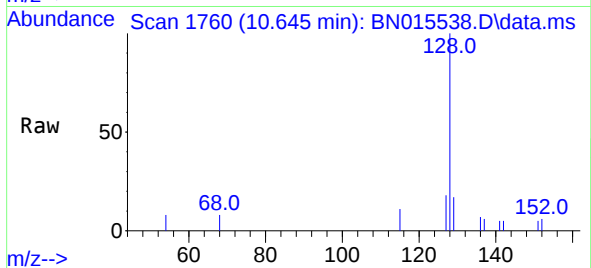
#5
Naphthalene
Concen: 0.046 ng/u1
RT: 10.645 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN015538.D
Acq: 13 Jul 2021 20:53

Tgt Ion:128 Resp: 1543
Ion Ratio Lower Upper
128 100
129 16.8 9.3 13.9#
127 17.6 10.8 16.2#

Instrument :
BNA_N
ClientSampled :
BGDX2

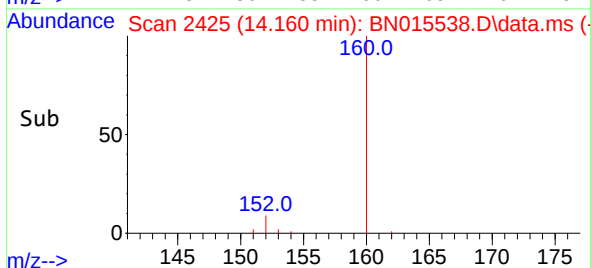
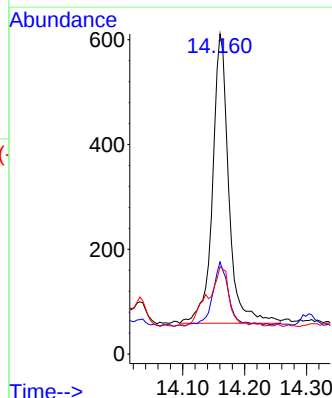
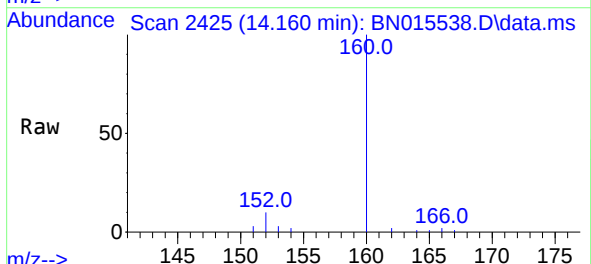
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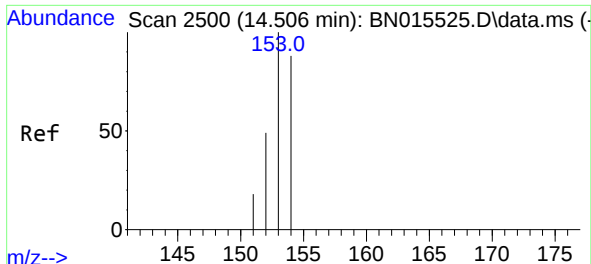
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#10
Acenaphthylene
Concen: 0.035 ng/u1
RT: 14.160 min Scan# 2425
Delta R.T. 0.001 min
Lab File: BN015538.D
Acq: 13 Jul 2021 20:53

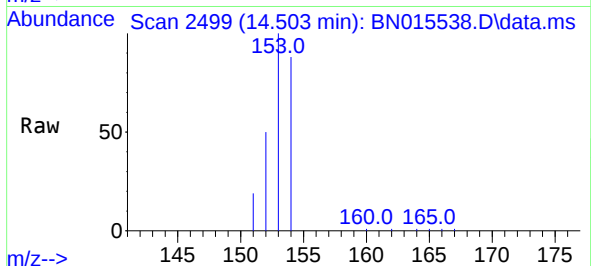
Tgt Ion:152 Resp: 1007
Ion Ratio Lower Upper
152 100
151 28.8 16.0 24.0#
153 27.3 10.9 16.3#





#11
Acenaphthene
Concen: 0.561 ng/u1
RT: 14.503 min Scan# 2499
Delta R.T. -0.004 min
Lab File: BN015538.D
Acq: 13 Jul 2021 20:53

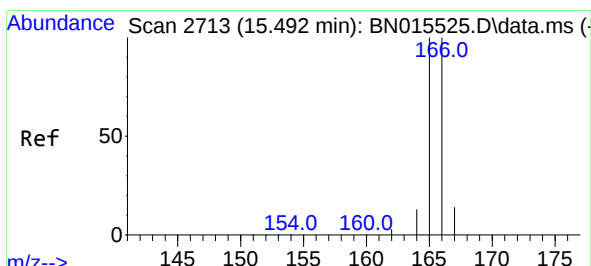
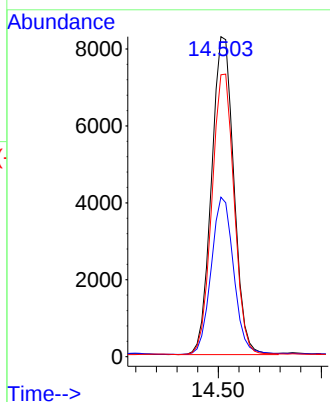
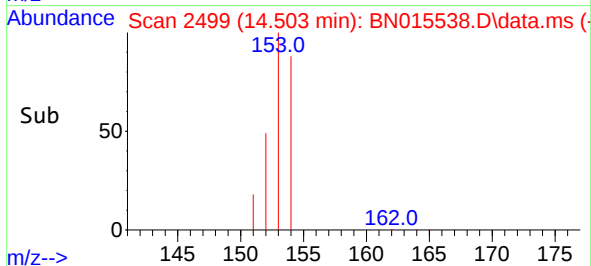
Instrument :
BNA_N
ClientSampled :
BGDX2



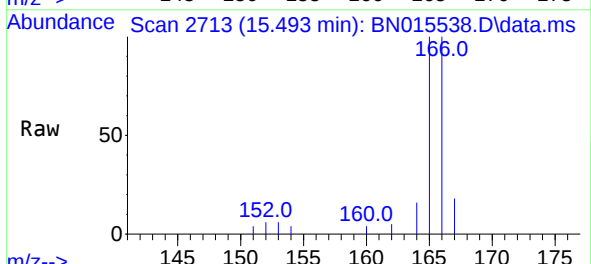
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Ion Ratio Lower Upper
153 100
152 49.8 39.8 59.6
154 88.1 69.8 104.8

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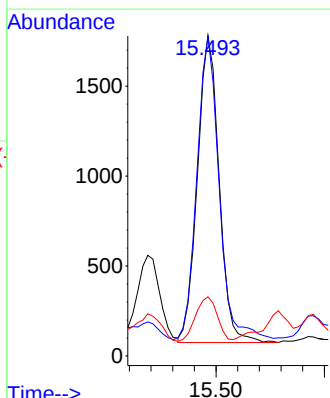
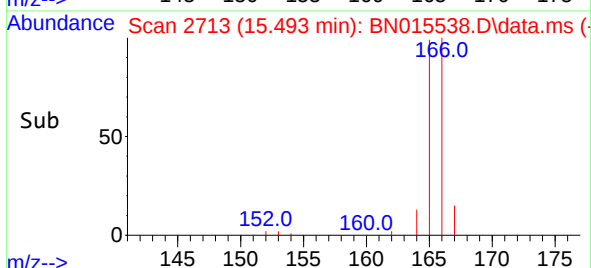
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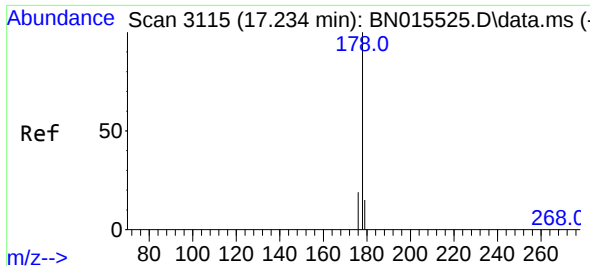


#12
Fluorene
Concen: 0.097 ng/u1
RT: 15.493 min Scan# 2713
Delta R.T. -0.004 min
Lab File: BN015538.D
Acq: 13 Jul 2021 20:53



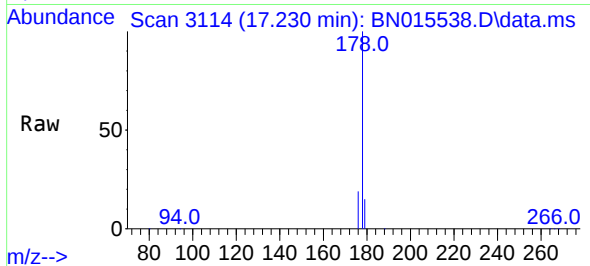
Tgt Ion:166 Resp: 2373
Ion Ratio Lower Upper
166 100
165 99.9 77.8 116.8
167 18.5 11.2 16.8#





#15
Phenanthrene
Concen: 1.856 ng/ul
RT: 17.230 min Scan# 3114
Delta R.T. -0.003 min
Lab File: BN015538.D
Acq: 13 Jul 2021 20:53

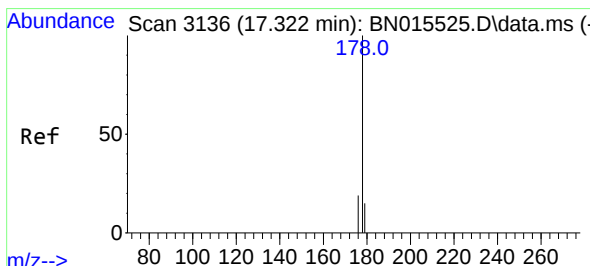
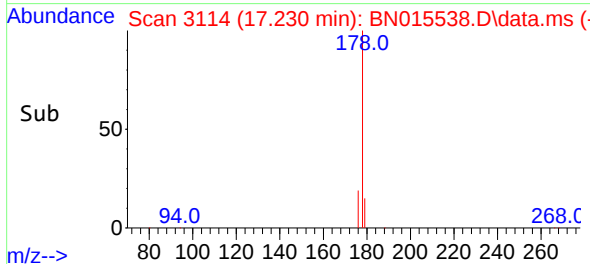
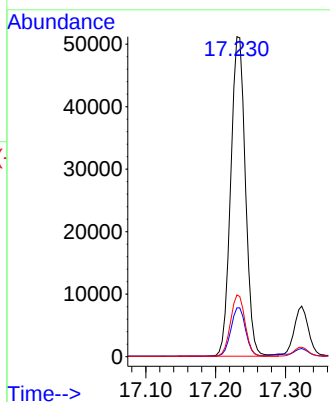
Instrument :
BNA_N
ClientSampled :
BGDX2



Tgt Ion:178 Resp: 74415
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.3 15.5 23.3

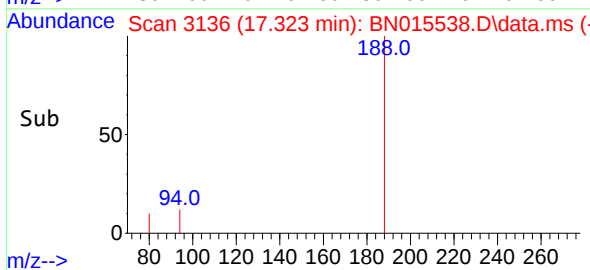
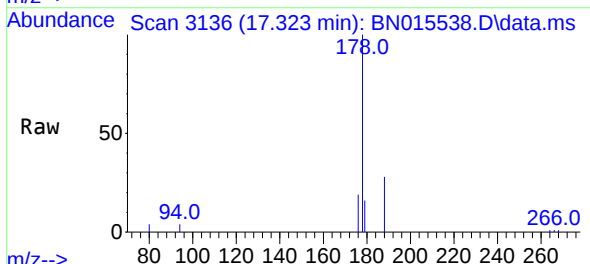
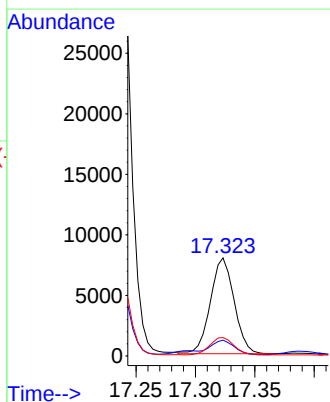
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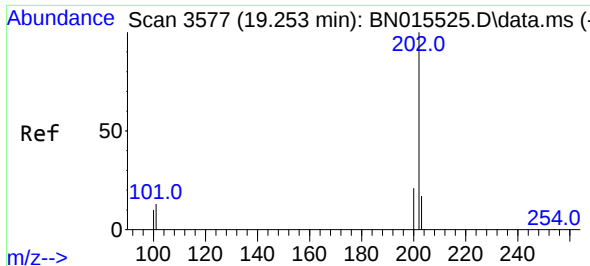
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#16
Anthracene
Concen: 0.311 ng/ul
RT: 17.323 min Scan# 3136
Delta R.T. -0.003 min
Lab File: BN015538.D
Acq: 13 Jul 2021 20:53

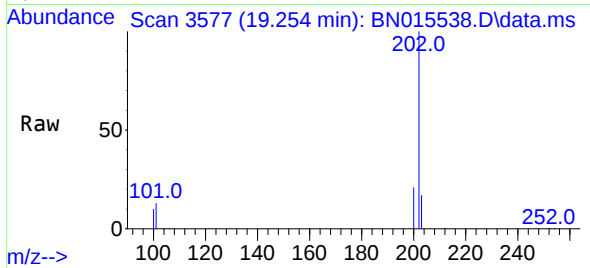
Tgt Ion:178 Resp: 10985
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 18.7 15.2 22.8





#19
Fluoranthene
Concen: 1.290 ng/u1
RT: 19.254 min Scan# 3577
Delta R.T. -0.004 min
Lab File: BN015538.D
Acq: 13 Jul 2021 20:53

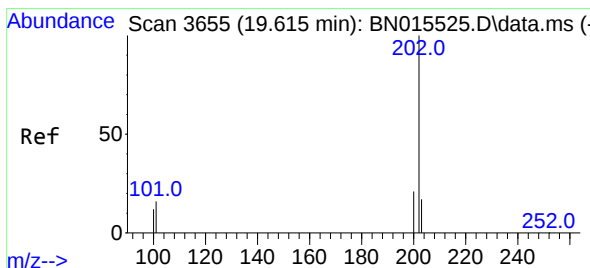
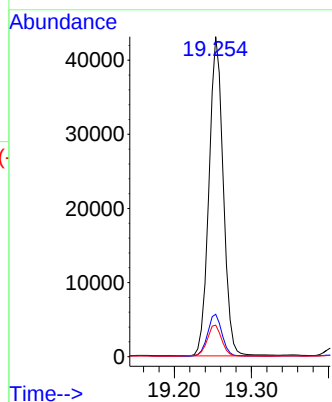
Instrument :
BNA_N
ClientSampled :
BGDX2



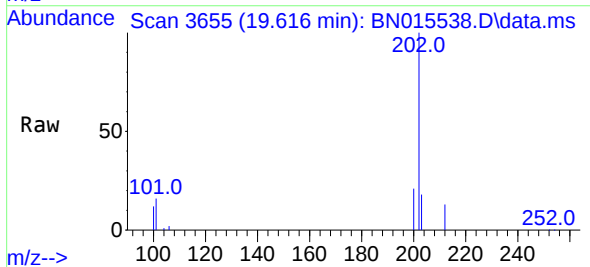
Tgt Ion:202 Resp: 55382
Ion Ratio Lower Upper
202 100
101 13.2 10.1 15.1
100 9.9 7.4 11.0

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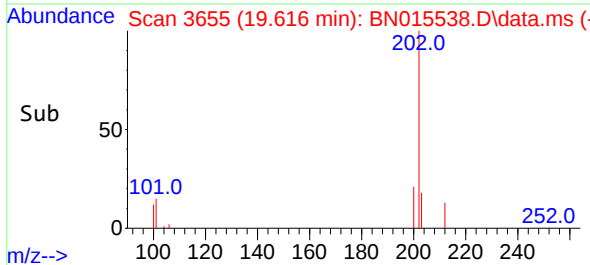
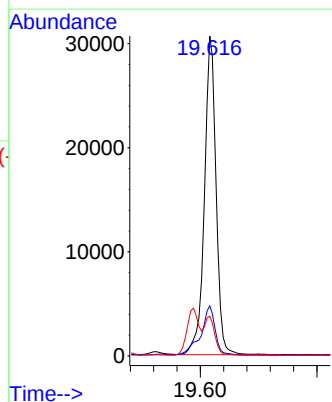
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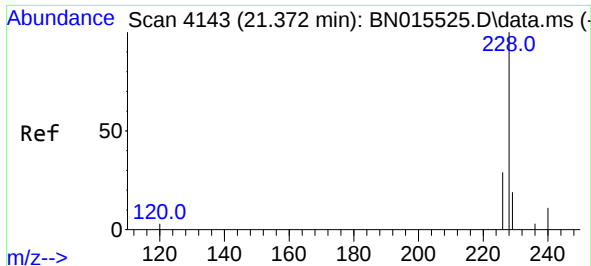


#20
Pyrene
Concen: 0.992 ng/u1
RT: 19.616 min Scan# 3655
Delta R.T. -0.004 min
Lab File: BN015538.D
Acq: 13 Jul 2021 20:53



Tgt Ion:202 Resp: 42690
Ion Ratio Lower Upper
202 100
101 15.6 12.0 18.0
100 12.4 9.6 14.4





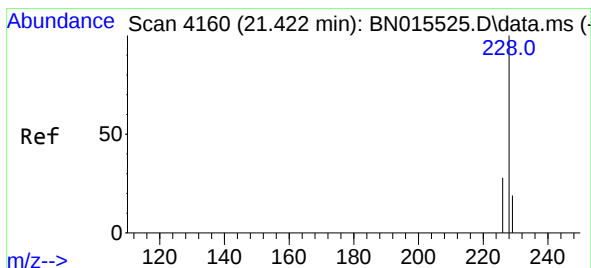
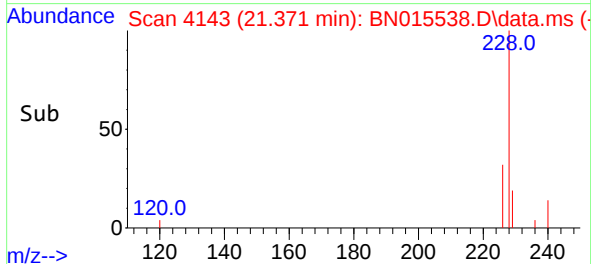
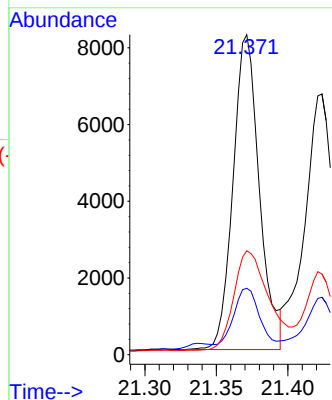
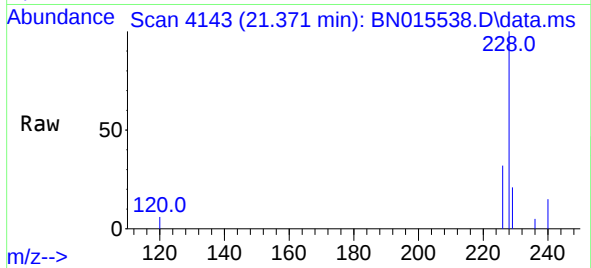
#21
Benzo(a)anthracene
Concen: 0.306 ng/u1
RT: 21.371 min Scan# 4143
Delta R.T. -0.004 min
Lab File: BN015538.D
Acq: 13 Jul 2021 20:53

Tgt Ion:228 Resp: 10524
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.8
226 32.5 21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGDX2

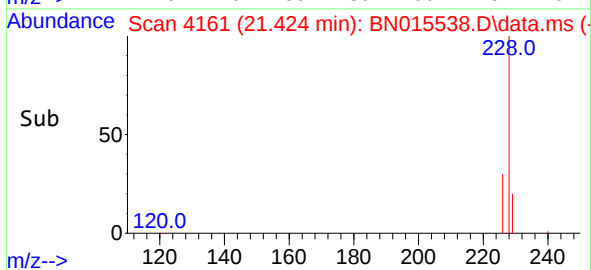
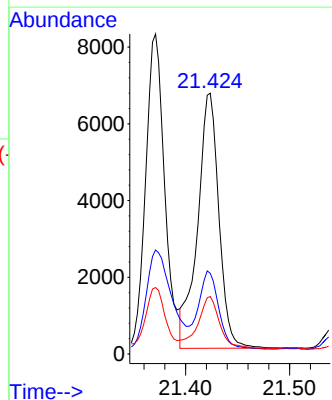
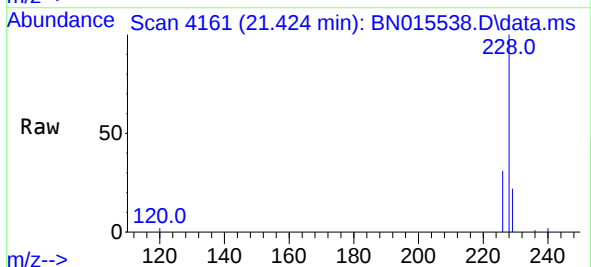
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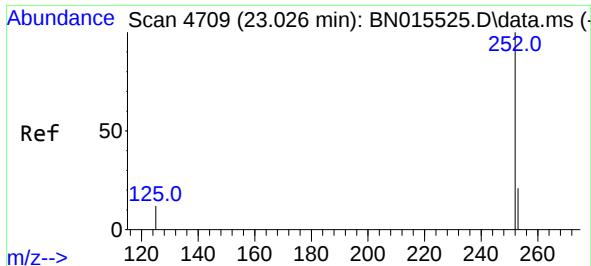
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#22
Chrysene
Concen: 0.231 ng/u1
RT: 21.424 min Scan# 4161
Delta R.T. -0.004 min
Lab File: BN015538.D
Acq: 13 Jul 2021 20:53

Tgt Ion:228 Resp: 9495
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 22.0 15.7 23.5





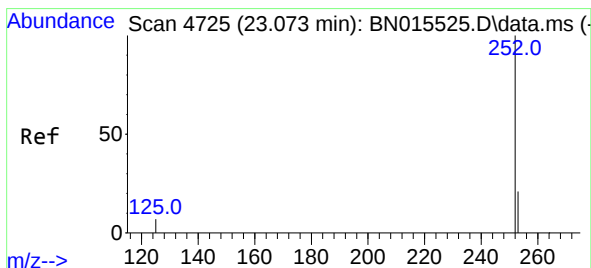
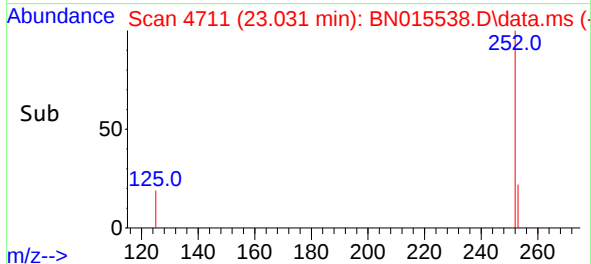
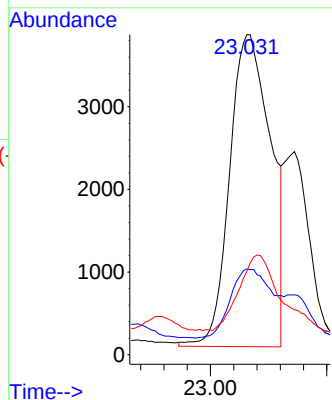
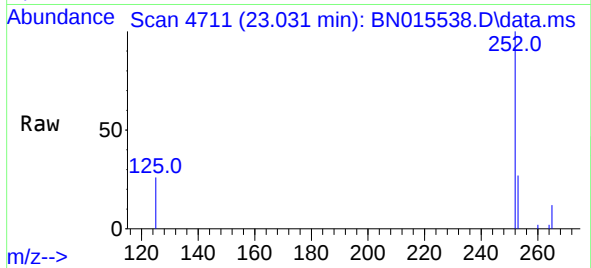
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Benzo(b)fluoranthene
Concen: 0.222 ng/ul m
RT: 23.031 min Scan# 4711
Delta R.T. 0.002 min
Lab File: BN015538.D
Acq: 13 Jul 2021 20:53

Tgt Ion:	252	Resp:	9262
Ion Ratio	Lower	Upper	
252	100		
253	26.8	0.0	45.6
125	26.0	0.0	28.4

Instrument :
BNA_N
ClientSampled :
BGDX2

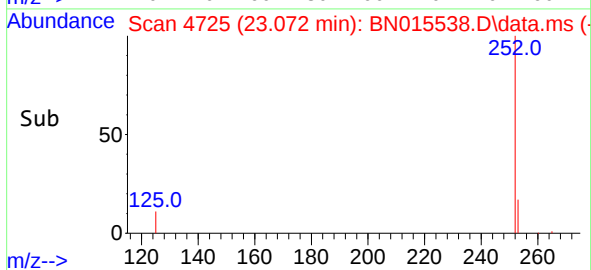
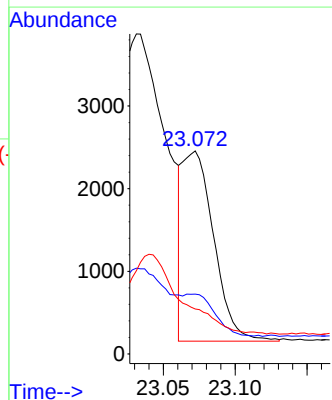
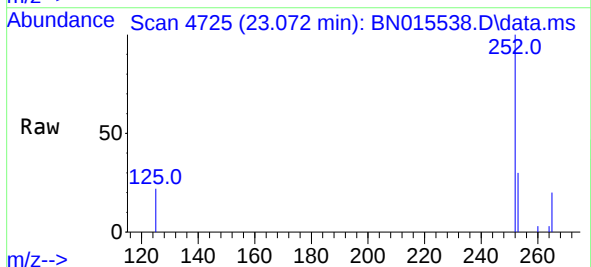
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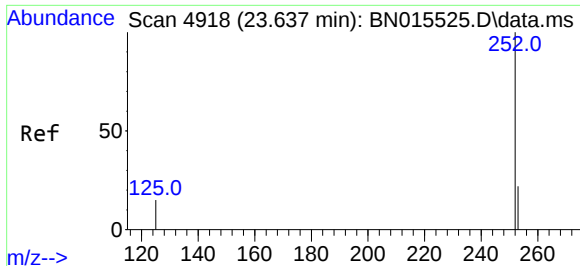
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#25
Benzo(k)fluoranthene
Concen: 0.074 ng/ul m
RT: 23.072 min Scan# 4725
Delta R.T. -0.007 min
Lab File: BN015538.D
Acq: 13 Jul 2021 20:53

Tgt Ion:	252	Resp:	3482
Ion Ratio	Lower	Upper	
252	100		
253	29.5	18.1	27.1#
125	22.1	11.5	17.3#





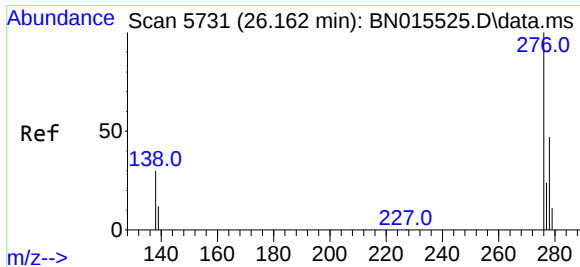
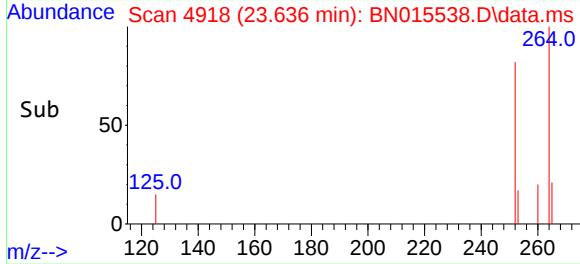
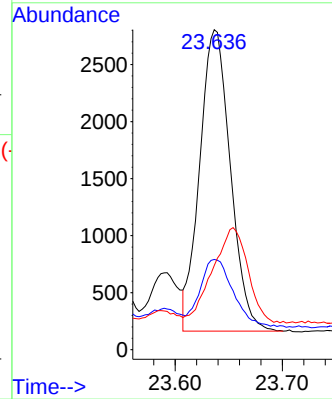
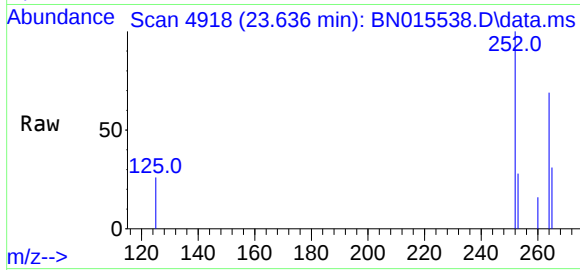
#26
Benzo(a)pyrene
Concen: 0.150 ng/ul
RT: 23.636 min Scan# 4918
Delta R.T. -0.004 min
Lab File: BN015538.D
Acq: 13 Jul 2021 20:53

Tgt Ion:	252	Resp:	5264
Ion Ratio	Lower	Upper	
252	100		
253	28.2	18.9	28.3
125	26.3	13.5	20.3#

Instrument :
BNA_N
ClientSampled :
BGDX2

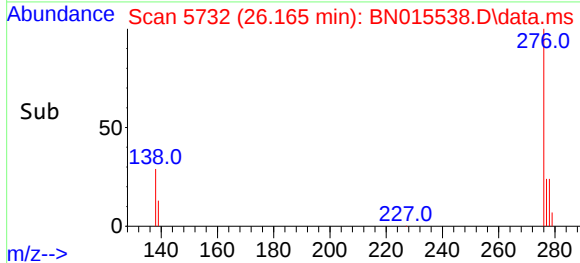
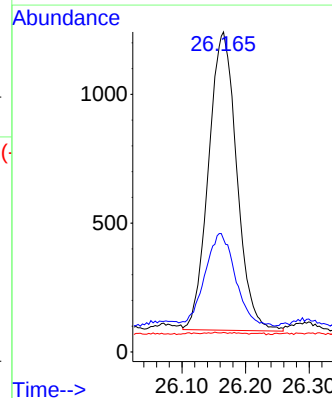
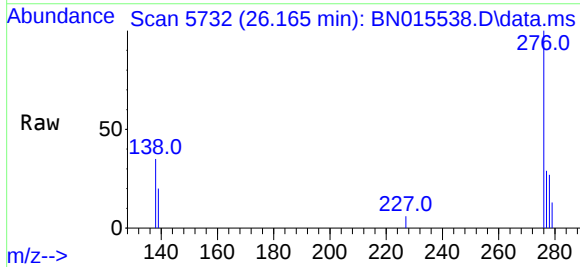
Manual Integrations
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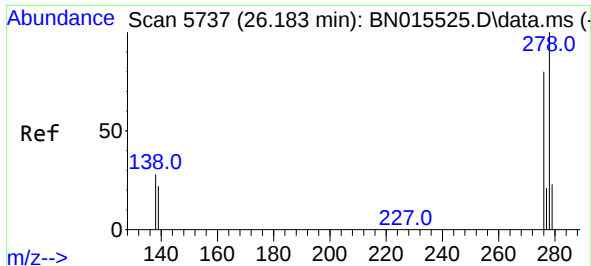
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.084 ng/ul
RT: 26.165 min Scan# 5732
Delta R.T. -0.004 min
Lab File: BN015538.D
Acq: 13 Jul 2021 20:53

Tgt Ion:	276	Resp:	3569
Ion Ratio	Lower	Upper	
276	100		
138	33.5	26.3	39.5
227	0.2	0.1	0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.031 ng/ul

RT: 26.179 min Scan# 5736

Delta R.T. -0.011 min

Lab File: BN015538.D

Acq: 13 Jul 2021 20:53

Tgt Ion: 278 Resp: 1020

Ion Ratio Lower Upper

278 100

139 50.1 18.9 28.3#

279 46.3 20.8 31.2#

Instrument :

BNA_N

ClientSampleId :

BGDX2

Manual Integrations

APPROVED

mohammad

7/14/2021 12:14:46 PM

