

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015461.D
 Acq On : 10 Jul 2021 00:15
 Operator : CG/JU
 Sample : M2454-10DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD3DL

Manual Integrations
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mohammad
 7/12/2021 9:33:33 AM

Quant Time: Jul 10 01:25:33 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 : Sat Jul 10 00:29:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	3392	0.400	ng/ul	0.00
4) Naphthalene-d8	10.480	136	11793	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	6229	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	12408	0.400	ng/ul	0.00
17) Chrysene-d12	21.279	240	9933	0.400	ng/ul	0.00
23) Perylene-d12	23.517	264	8573	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	3471	0.908	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	1061	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	2040	0.062	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	1910	0.051	ng/ul#	92
10) Acenaphthylene	14.053	152	1953	0.061	ng/ul#	93
11) Acenaphthene	14.400	153	704	0.029	ng/ul	95
12) Fluorene	15.390	166	1228	0.045	ng/ul#	94
15) Phenanthrene	17.124	178	14414	0.320	ng/ul	99
16) Anthracene	17.217	178	7080	0.178	ng/ul	98
19) Fluoranthene	19.146	202	39369	0.858	ng/ul	97
20) Pyrene	19.513	202	26868	0.584	ng/ul	99
21) Benzo(a)anthracene	21.264	228	17067	0.464	ng/ul	97
22) Chrysene	21.316	228	15025	0.341	ng/ul	98
24) Benzo(b)fluoranthene	22.851	252	15490m	0.387	ng/ul	
25) Benzo(k)fluoranthene	22.889	252	6552m	0.145	ng/ul	
26) Benzo(a)pyrene	23.421	252	6362	0.189	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.760	276	4279	0.105	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.770	278	1708	0.054	ng/ul#	80

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

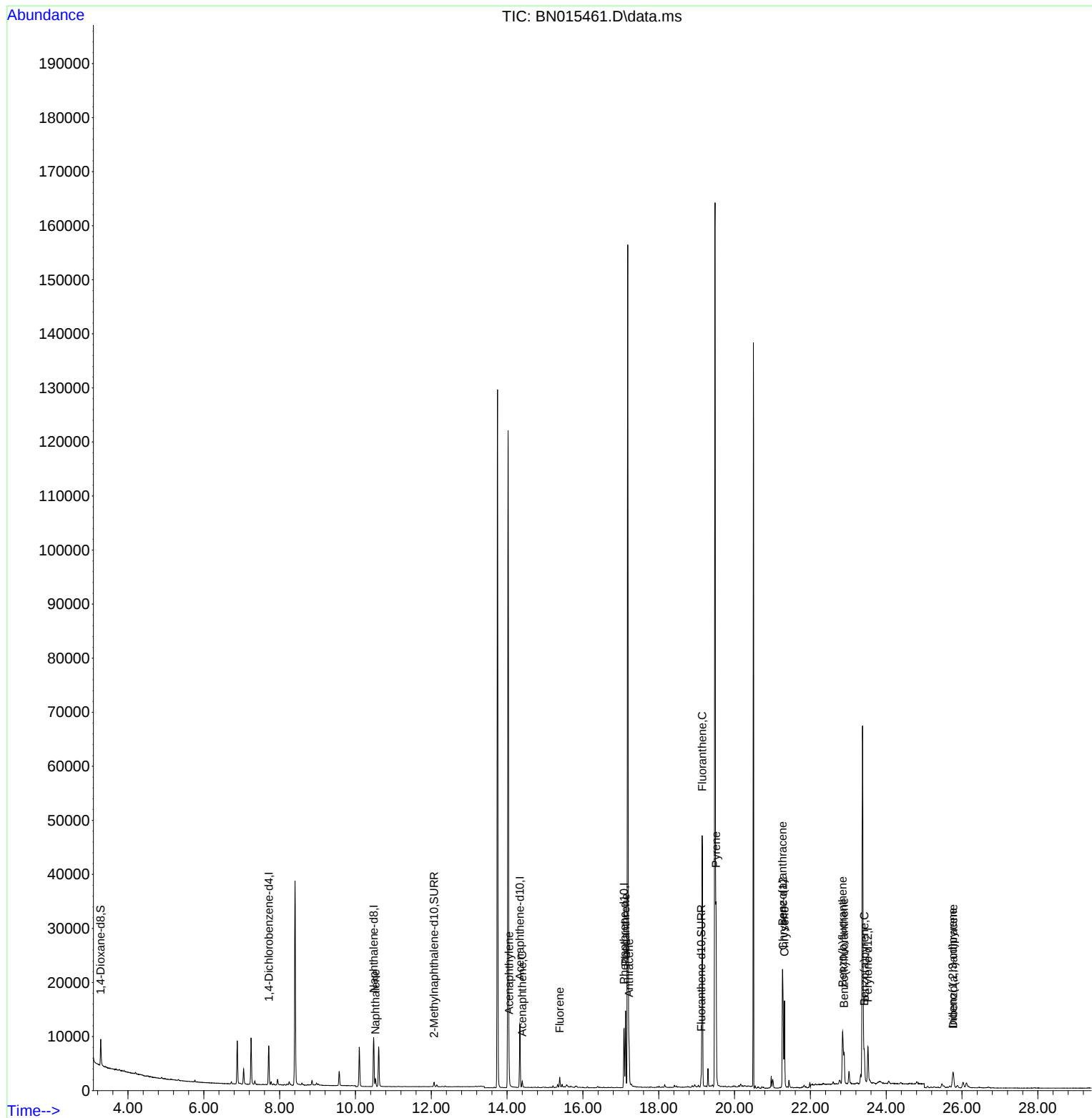
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015461.D
Acq On : 10 Jul 2021 00:15
Operator : CG/JU
Sample : M2454-10DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

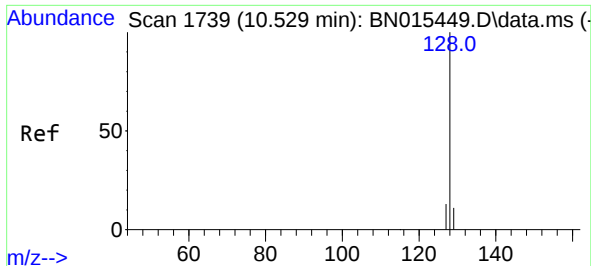
Instrument :
BNA_N
ClientSampleId :
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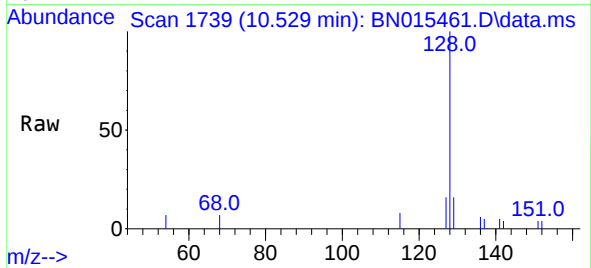
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Quant Time: Jul 10 01:25:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 10 00:29:43 2021
Response via : Initial Calibration

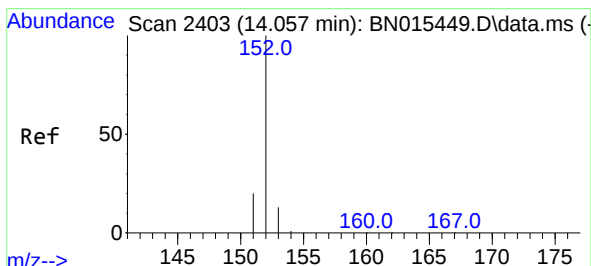
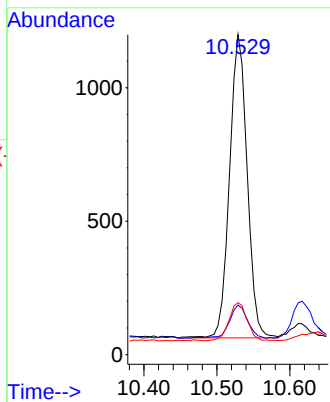
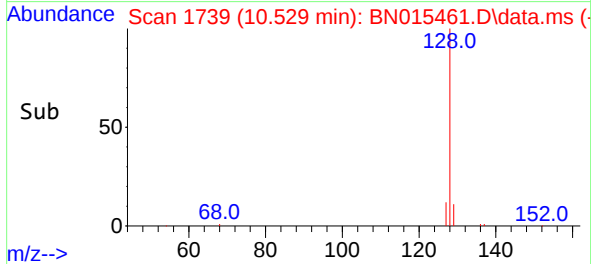




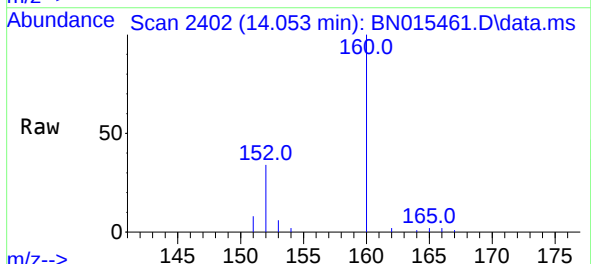
#5
Naphthalene
Concen: 0.051 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015461.D
Acq: 10 Jul 2021 00:15



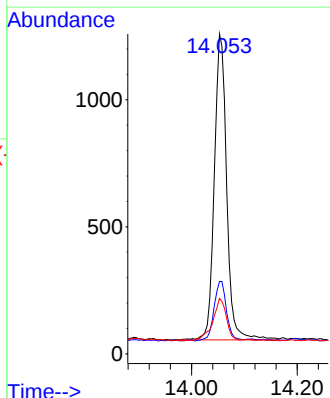
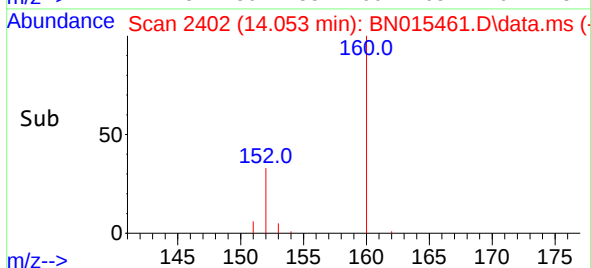
Tgt Ion:128 Resp: 1910
Ion Ratio Lower Upper
128 100
129 15.5 9.3 13.9#
127 16.3 10.8 16.2#



#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015461.D
Acq: 10 Jul 2021 00:15



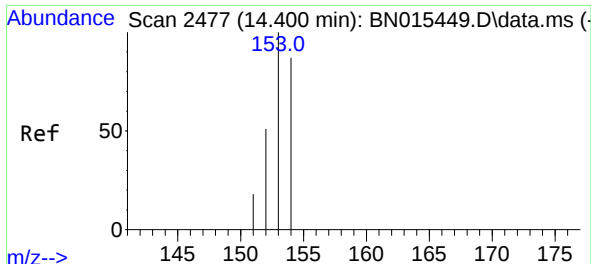
Tgt Ion:152 Resp: 1953
Ion Ratio Lower Upper
152 100
151 22.6 16.0 24.0
153 17.3 10.9 16.3#



Instrument :
BNA_N
ClientSampleId :
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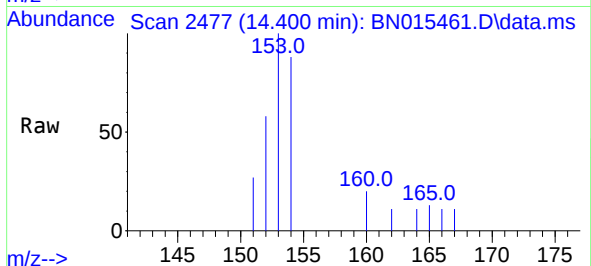
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#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015461.D
Acq: 10 Jul 2021 00:15

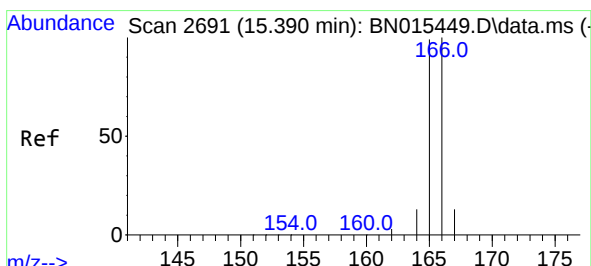
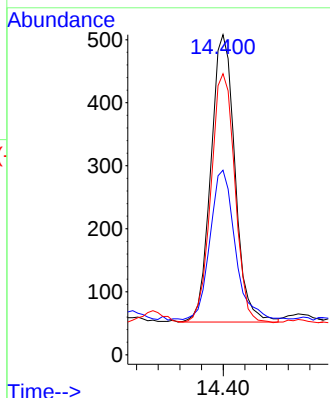
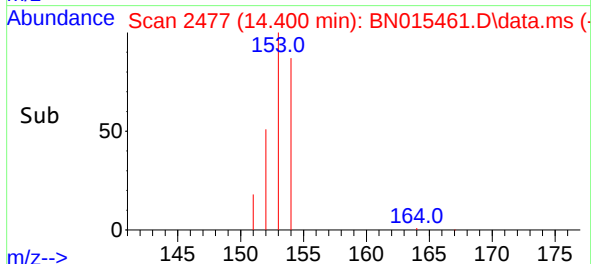
Instrument :
BNA_N
ClientSampleId :
BGDT3DL



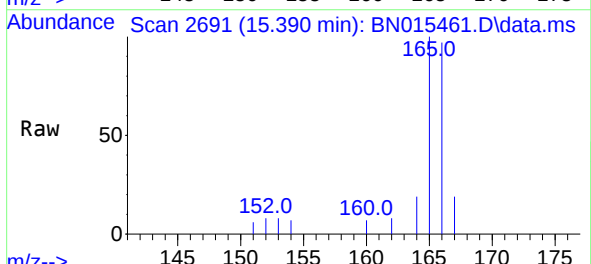
Tgt Ion:	153	Resp:	704
Ion	Ratio	Lower	Upper
153	100		
152	57.7	39.8	59.6
154	87.8	69.8	104.8

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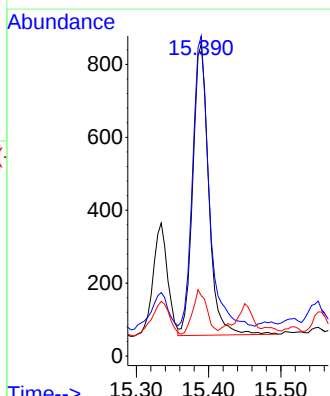
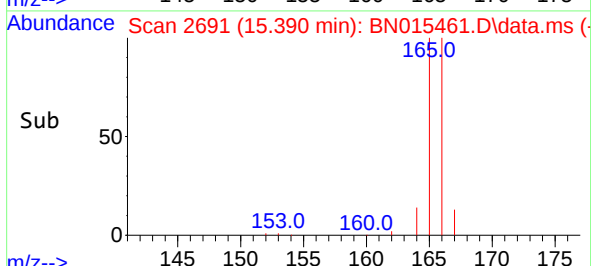
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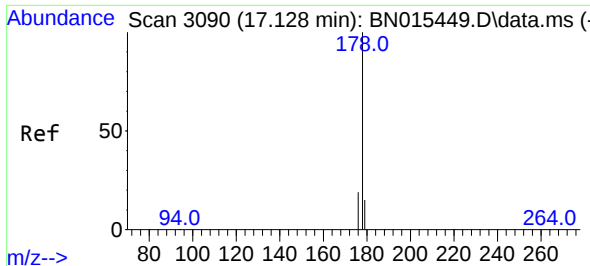


#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015461.D
Acq: 10 Jul 2021 00:15



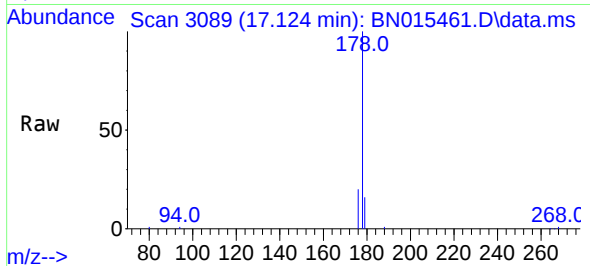
Tgt Ion:	166	Resp:	1228
Ion	Ratio	Lower	Upper
166	100		
165	102.7	77.8	116.8
167	19.4	11.2	16.8#





#15
Phenanthrene
Concen: 0.320 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015461.D
Acq: 10 Jul 2021 00:15

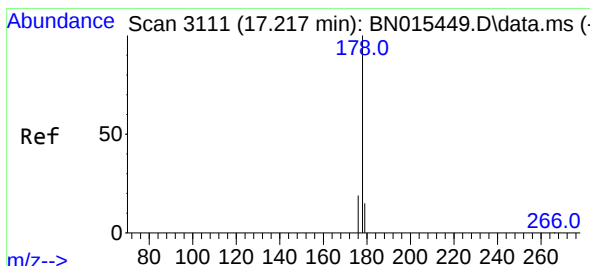
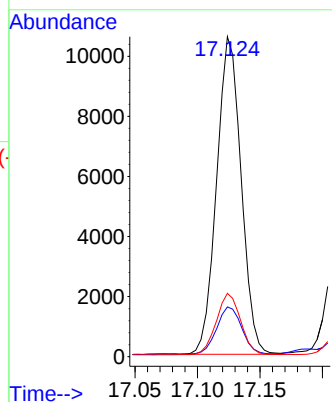
Instrument :
BNA_N
ClientSampleId :
BGDT3DL



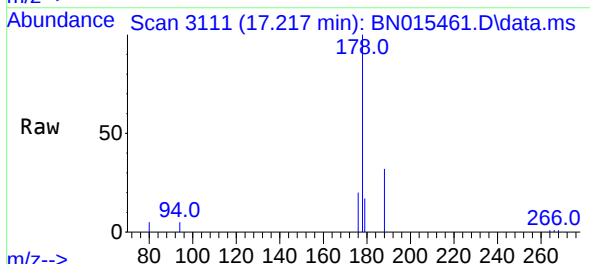
Tgt Ion:178 Resp: 14414
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.8 15.5 23.3

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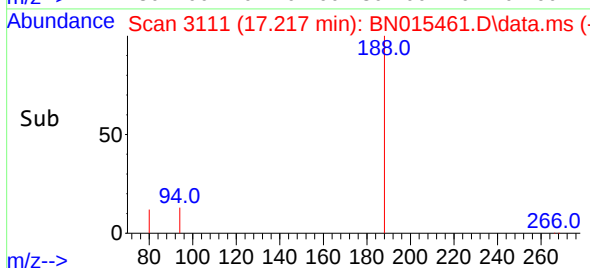
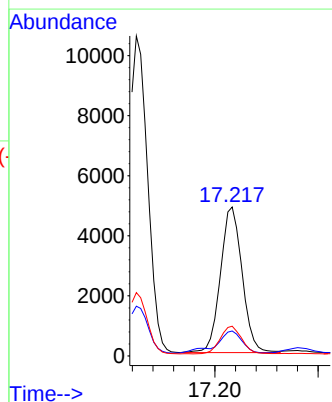
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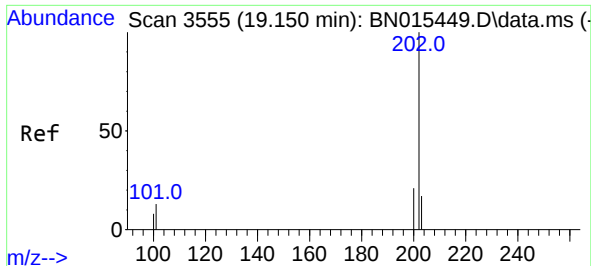


#16
Anthracene
Concen: 0.178 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN015461.D
Acq: 10 Jul 2021 00:15



Tgt Ion:178 Resp: 7080
Ion Ratio Lower Upper
178 100
179 16.7 12.8 19.2
176 20.0 15.2 22.8





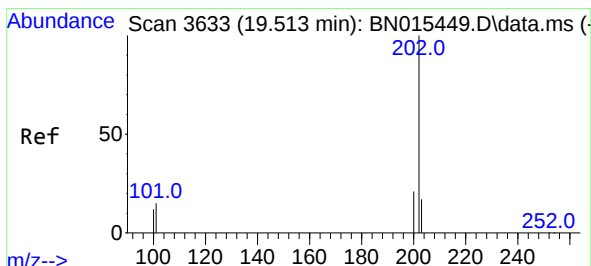
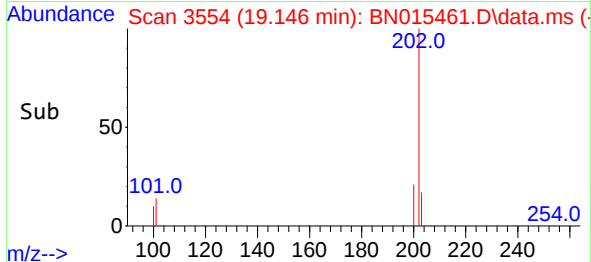
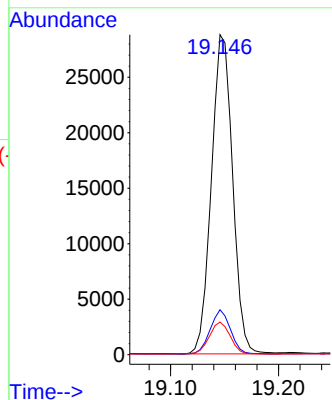
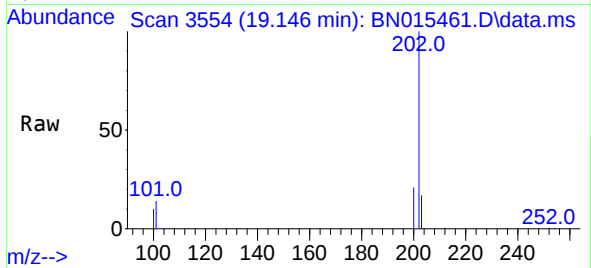
#19
Fluoranthene
Concen: 0.858 ng/ul
RT: 19.146 min Scan# 3554
Delta R.T. -0.004 min
Lab File: BN015461.D
Acq: 10 Jul 2021 00:15

Tgt Ion:	202	Resp:	39369
Ion Ratio	Lower	Upper	
202	100		
101	14.0	10.1	15.1
100	10.2	7.4	11.0

Instrument :
BNA_N
ClientSampleId :
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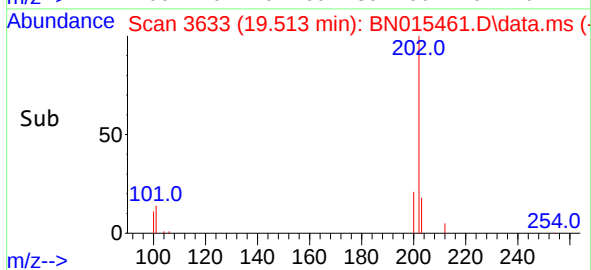
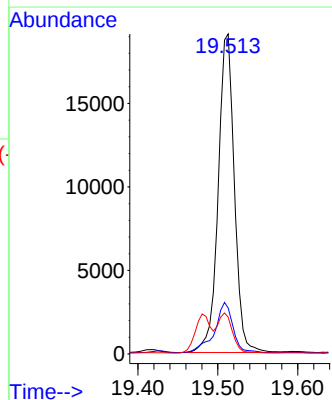
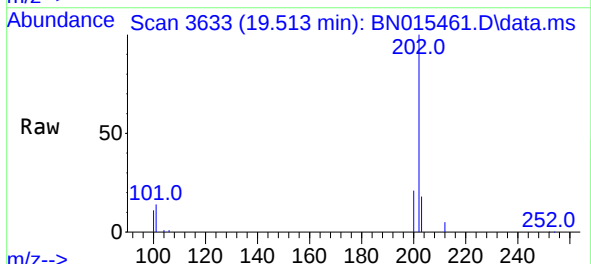
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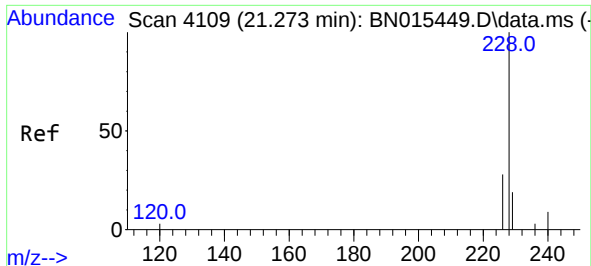
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#20
Pyrene
Concen: 0.584 ng/ul
RT: 19.513 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015461.D
Acq: 10 Jul 2021 00:15

Tgt Ion:	202	Resp:	26868
Ion Ratio	Lower	Upper	
202	100		
101	14.3	12.0	18.0
100	11.5	9.6	14.4





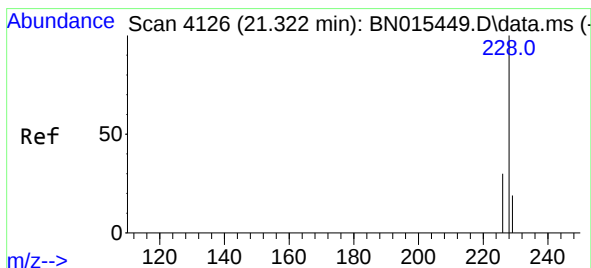
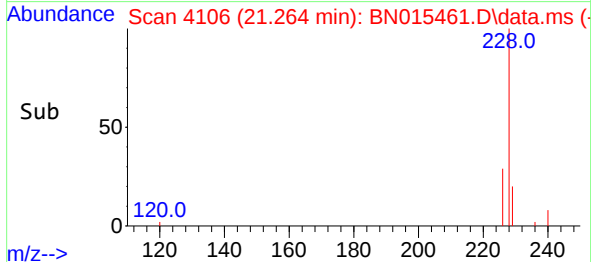
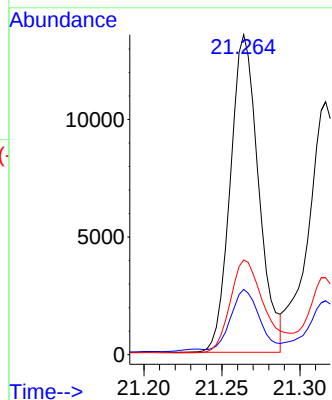
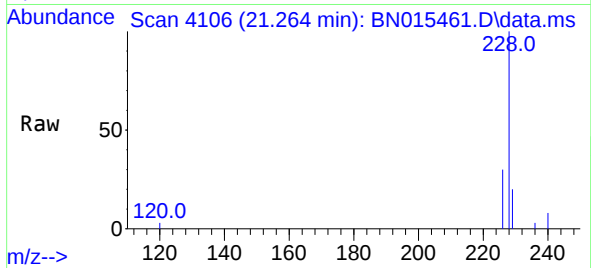
#21
Benzo(a)anthracene
Concen: 0.464 ng/ul
RT: 21.264 min Scan# 4106
Delta R.T. -0.008 min
Lab File: BN015461.D
Acq: 10 Jul 2021 00:15

Tgt Ion:228	Resp:	17067
Ion Ratio	Lower	Upper
228	100	
229	20.4	15.8 23.8
226	29.6	21.8 32.8

Instrument :
BNA_N
ClientSampleId :
BGDT3DL

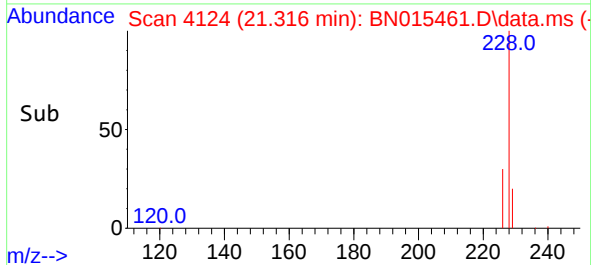
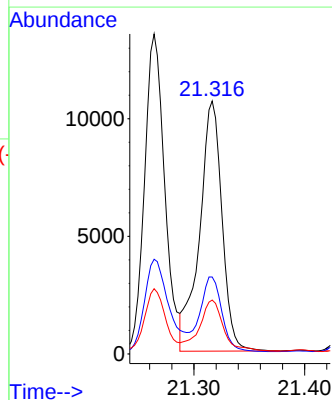
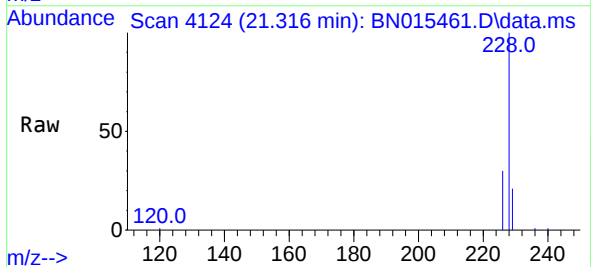
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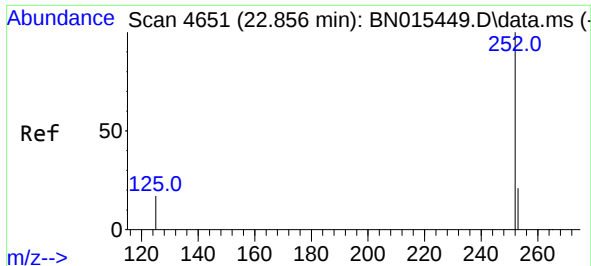
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#22
Chrysene
Concen: 0.341 ng/ul
RT: 21.316 min Scan# 4124
Delta R.T. -0.005 min
Lab File: BN015461.D
Acq: 10 Jul 2021 00:15

Tgt Ion:228	Resp:	15025
Ion Ratio	Lower	Upper
228	100	
226	30.4	24.6 37.0
229	21.3	15.7 23.5





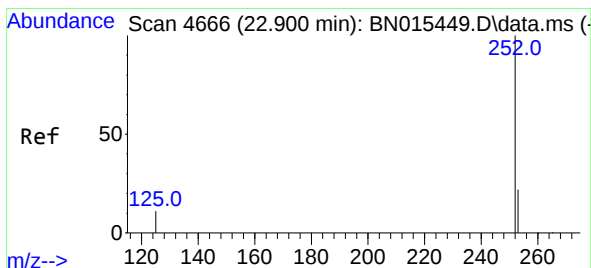
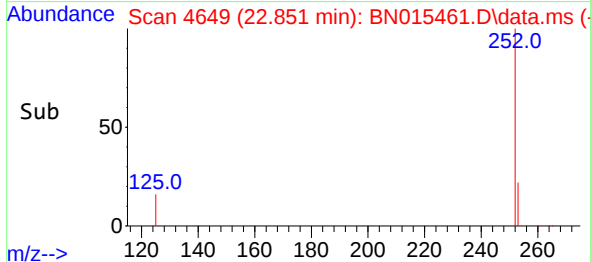
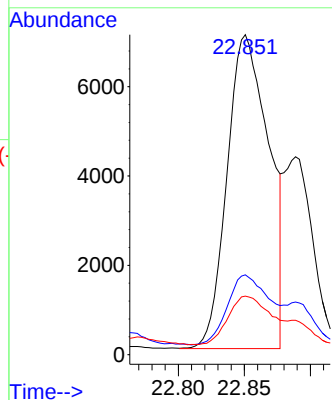
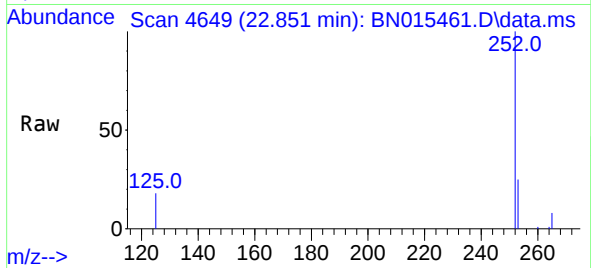
#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul m
RT: 22.851 min Scan# 4649
Delta R.T. -0.005 min
Lab File: BN015461.D
Acq: 10 Jul 2021 00:15

Tgt Ion:252 Resp: 15490
Ion Ratio Lower Upper
252 100
253 24.9 0.0 45.6
125 18.3 0.0 28.4

Instrument :
BNA_N
ClientSampled :
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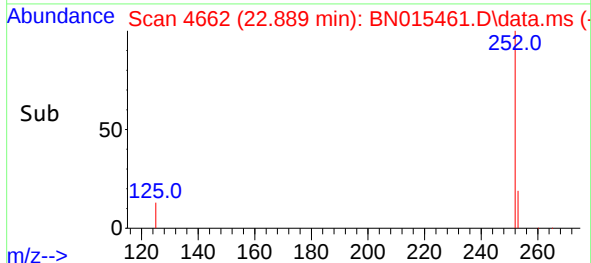
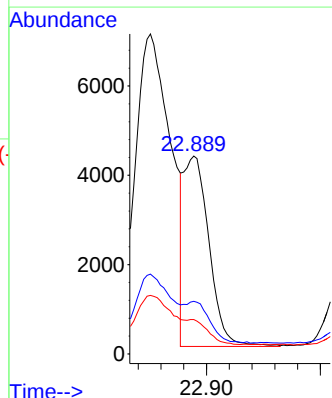
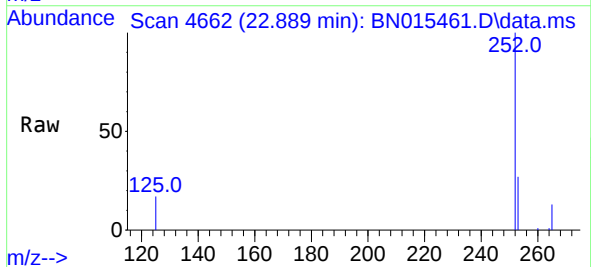
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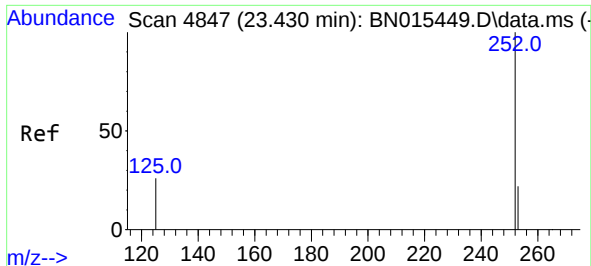
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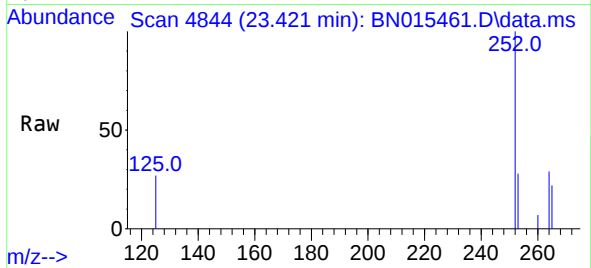
#25
Benzo(k)fluoranthene
Concen: 0.145 ng/ul m
RT: 22.889 min Scan# 4662
Delta R.T. -0.011 min
Lab File: BN015461.D
Acq: 10 Jul 2021 00:15

Tgt Ion:252 Resp: 6552
Ion Ratio Lower Upper
252 100
253 26.6 18.1 27.1
125 17.4 11.5 17.3#

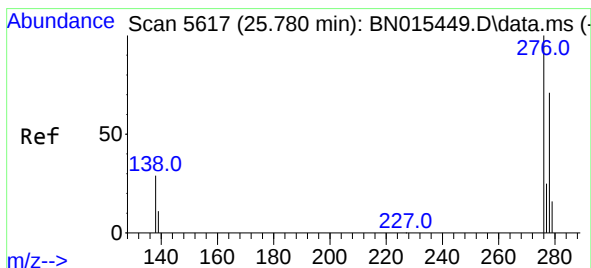
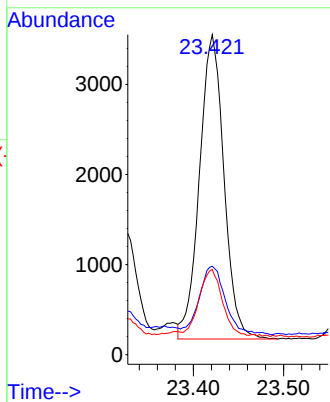
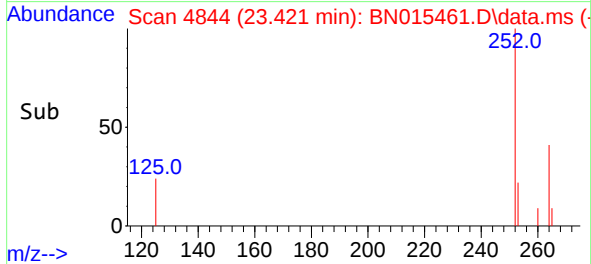




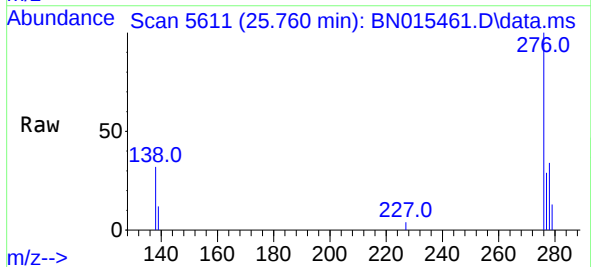
#26
Benzo(a)pyrene
Concen: 0.189 ng/ul
RT: 23.421 min Scan# 4844
Delta R.T. -0.008 min
Lab File: BN015461.D
Acq: 10 Jul 2021 00:15



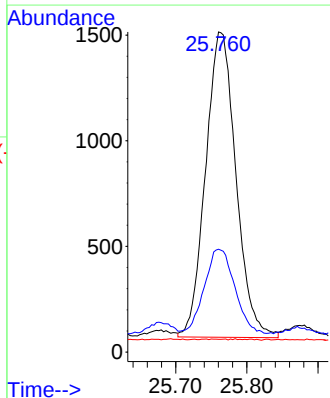
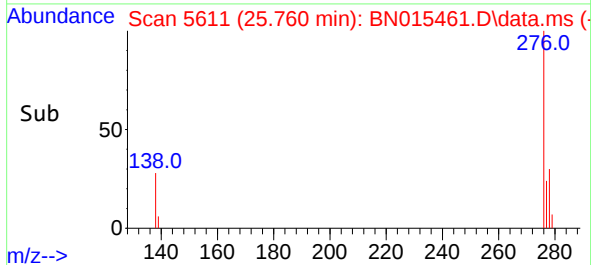
Tgt Ion:252 Resp: 6362
Ion Ratio Lower Upper
252 100
253 27.6 18.9 28.3
125 26.6 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng/ul
RT: 25.760 min Scan# 5611
Delta R.T. -0.016 min
Lab File: BN015461.D
Acq: 10 Jul 2021 00:15



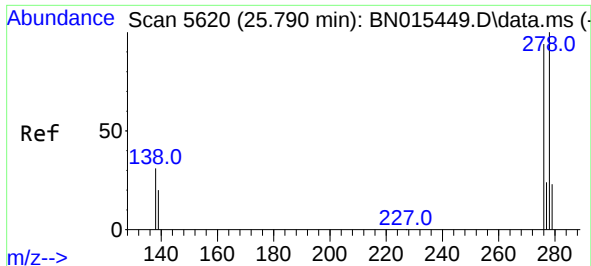
Tgt Ion:276 Resp: 4279
Ion Ratio Lower Upper
276 100
138 29.3 26.3 39.5
227 0.1 0.1 0.1#



Instrument :
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#28

Dibenzo(a,h)anthracene

Concen: 0.054 ng/ul

RT: 25.770 min Scan# 5614

Delta R.T. -0.020 min

Lab File: BN015461.D

Acq: 10 Jul 2021 00:15

Tgt Ion:278 Resp: 1708

Ion Ratio Lower Upper

278 100

139 32.3 18.9 28.3#

279 37.4 20.8 31.2#

Instrument :

BNA_N

ClientSampleId :

BGDT3DL

Manual Integrations

APPROVED

mohammad

7/12/2021 9:33:33 AM

