

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015459.D
 Acq On : 09 Jul 2021 23:03
 Operator : CG/JU
 Sample : M2854-21DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDW7DL

Manual Integrations
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mohammad
 7/12/2021 9:33:27 AM

Quant Time: Jul 10 00:29:08 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 : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	3371	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	11562	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.339	164	6011	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	11932	0.400	ng/ul	0.00
17) Chrysene-d12	21.281	240	9815	0.400	ng/ul	0.00
23) Perylene-d12	23.517	264	8451	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	1791	0.471	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	736	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	1524	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	2499	0.068	ng/ul#	93
10) Acenaphthylene	14.057	152	4335	0.139	ng/ul	97
11) Acenaphthene	14.399	153	1247	0.052	ng/ul	93
12) Fluorene	15.389	166	1845	0.070	ng/ul#	99
15) Phenanthrene	17.128	178	18832	0.435	ng/ul	100
16) Anthracene	17.216	178	15062	0.394	ng/ul	100
19) Fluoranthene	19.145	202	55591	1.226	ng/ul	98
20) Pyrene	19.512	202	31822	0.700	ng/ul	99
21) Benzo(a)anthracene	21.266	228	30111	0.828	ng/ul	97
22) Chrysene	21.316	228	25588	0.588	ng/ul	99
24) Benzo(b)fluoranthene	22.850	252	29589m	0.749	ng/ul	
25) Benzo(k)fluoranthene	22.888	252	10905m	0.245	ng/ul	
26) Benzo(a)pyrene	23.420	252	8588	0.259	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.763	276	6615	0.165	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.770	278	3153	0.100	ng/ul#	85

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

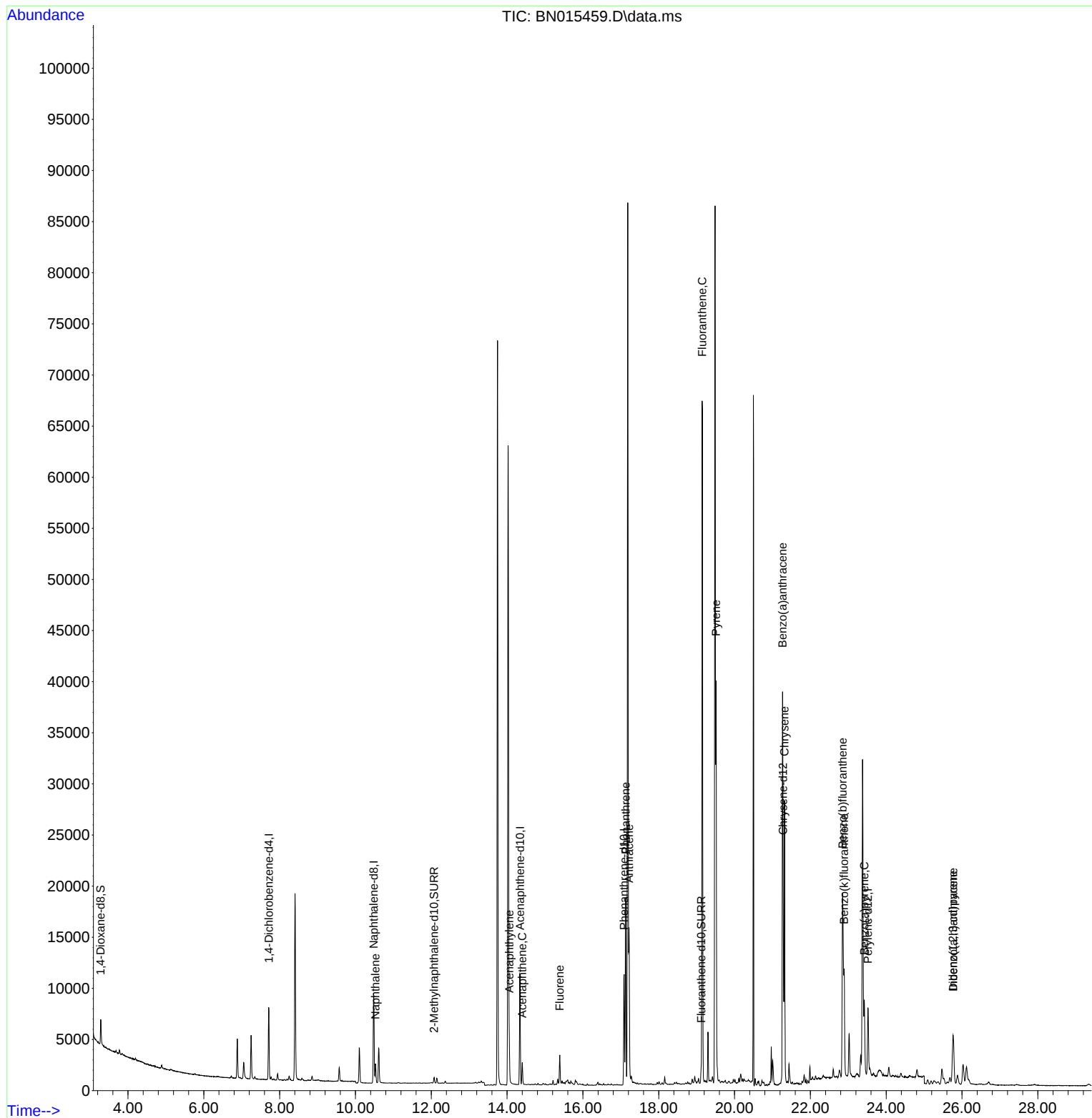
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015459.D
Acq On : 09 Jul 2021 23:03
Operator : CG/JU
Sample : M2854-21DL 5X
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ALS Vial : 12 Sample Multiplier: 1

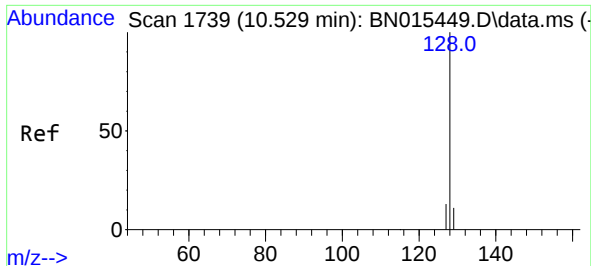
Instrument :
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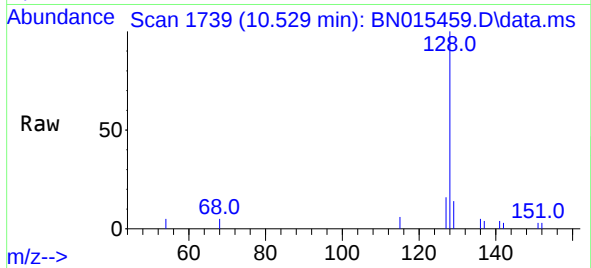
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
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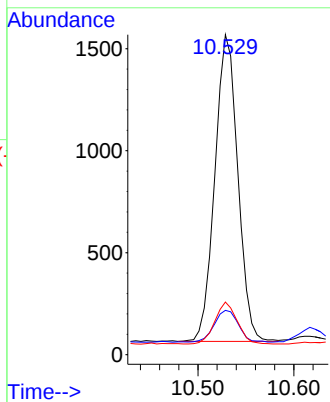
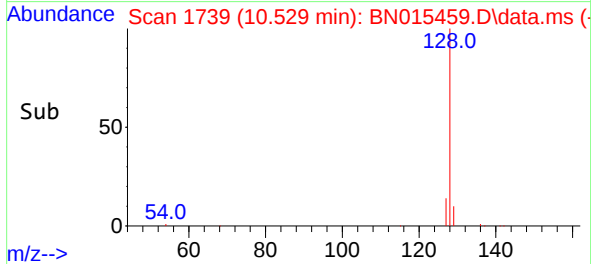




#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN015459.D
Acq: 09 Jul 2021 23:03



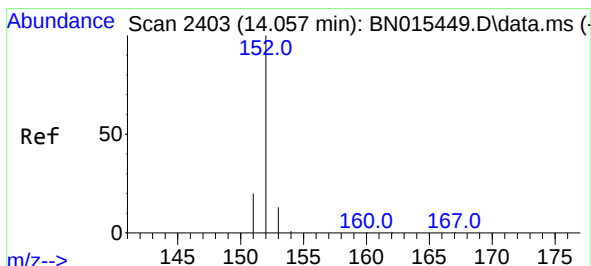
Tgt Ion:128 Resp: 2499
Ion Ratio Lower Upper
128 100
129 13.8 9.3 13.9
127 16.4 10.8 16.2#



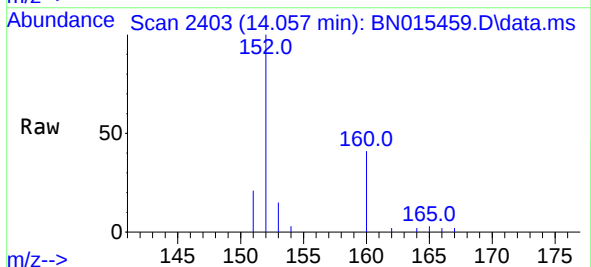
Instrument :
BNA_N
ClientSampleId :
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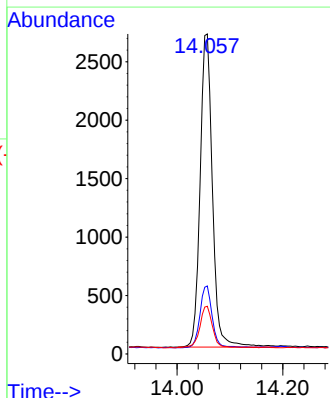
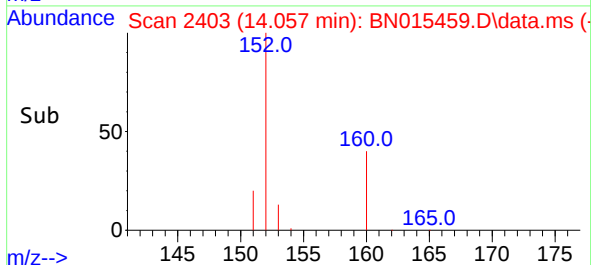
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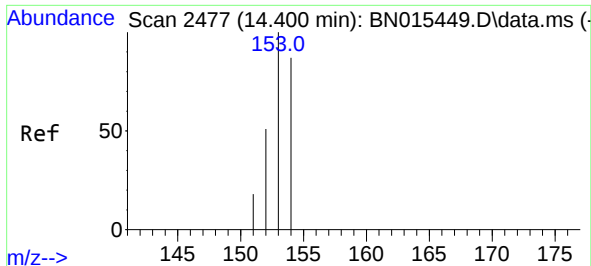


#10
Acenaphthylene
Concen: 0.139 ng/ul
RT: 14.057 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN015459.D
Acq: 09 Jul 2021 23:03

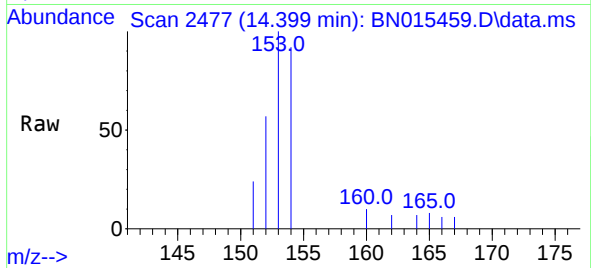


Tgt Ion:152 Resp: 4335
Ion Ratio Lower Upper
152 100
151 21.3 16.0 24.0
153 14.9 10.9 16.3

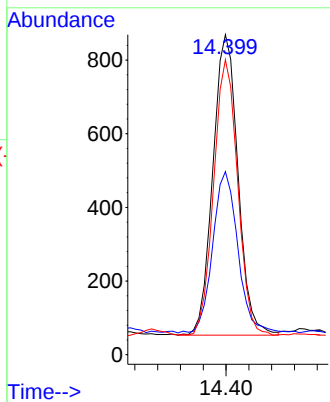
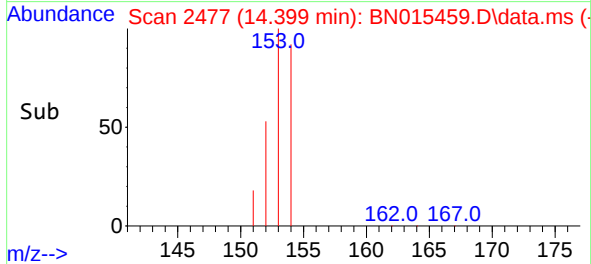




#11
Acenaphthene
Concen: 0.052 ng/ul
RT: 14.399 min Scan# 2477
Delta R.T. -0.000 min
Lab File: BN015459.D
Acq: 09 Jul 2021 23:03



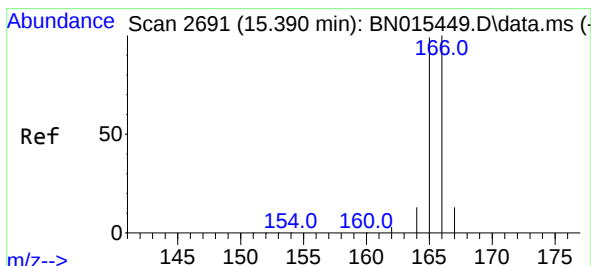
Tgt Ion:153 Resp: 1247
Ion Ratio Lower Upper
153 100
152 57.2 39.8 59.6
154 92.2 69.8 104.8



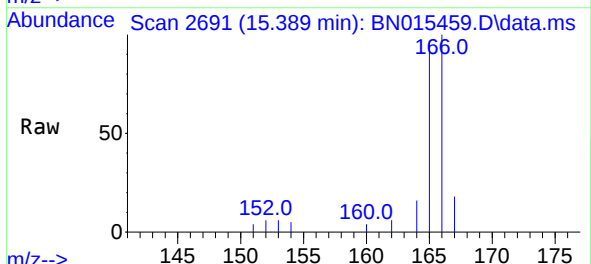
Instrument :
BNA_N
ClientSampleId :
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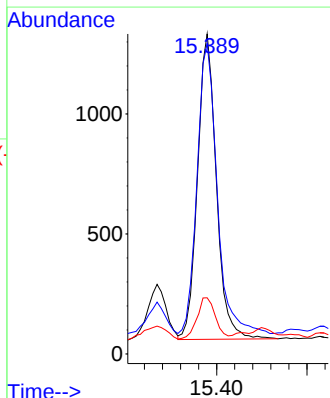
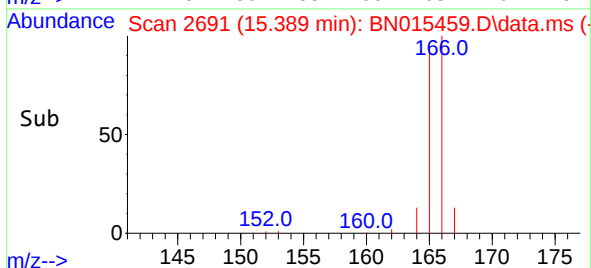
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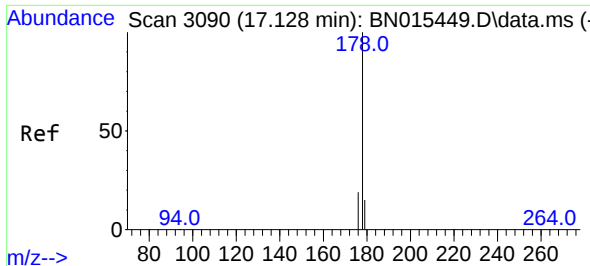


#12
Fluorene
Concen: 0.070 ng/ul
RT: 15.389 min Scan# 2691
Delta R.T. -0.000 min
Lab File: BN015459.D
Acq: 09 Jul 2021 23:03



Tgt Ion:166 Resp: 1845
Ion Ratio Lower Upper
166 100
165 97.1 77.8 116.8
167 17.6 11.2 16.8#





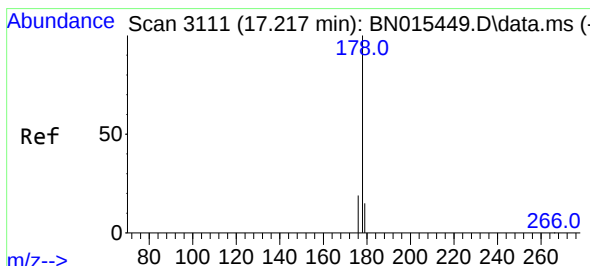
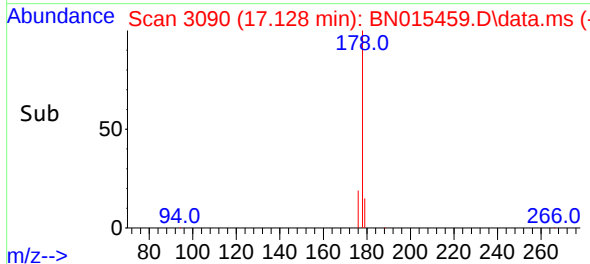
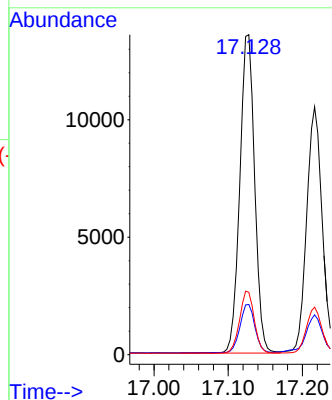
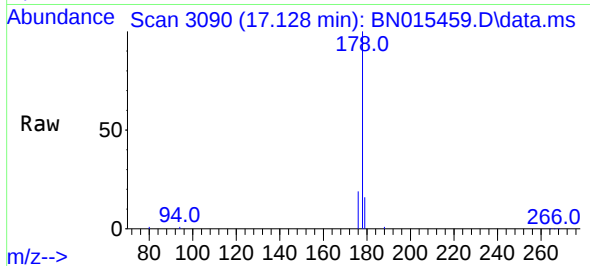
#15
Phenanthrene
Concen: 0.435 ng/ul
RT: 17.128 min Scan# 3090
Delta R.T. -0.000 min
Lab File: BN015459.D
Acq: 09 Jul 2021 23:03

Tgt Ion:	178	Resp:	18832
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	19.5	15.5	23.3

Instrument :
BNA_N
ClientSampleId :
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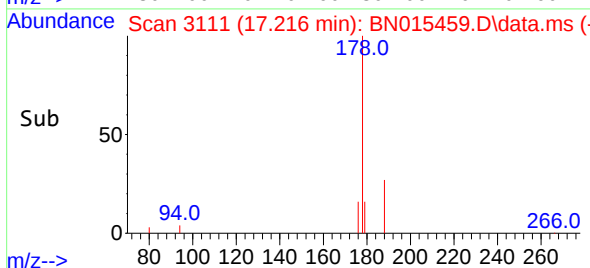
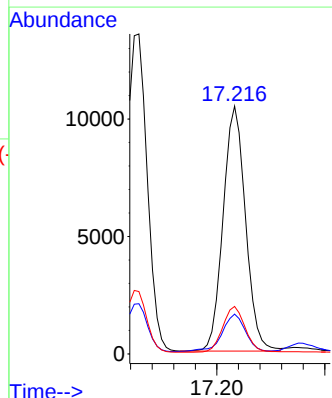
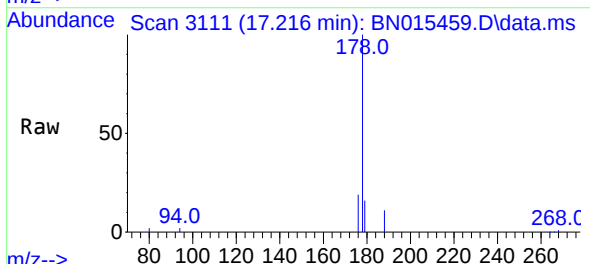
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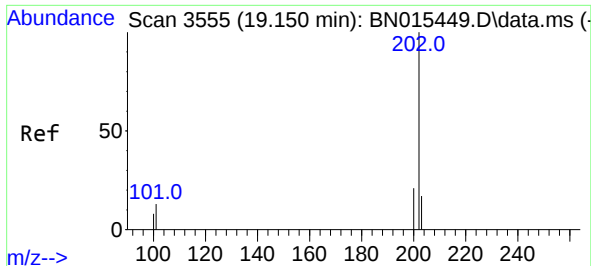
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#16
Anthracene
Concen: 0.394 ng/ul
RT: 17.216 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN015459.D
Acq: 09 Jul 2021 23:03

Tgt Ion:	178	Resp:	15062
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.8	19.2
176	19.2	15.2	22.8





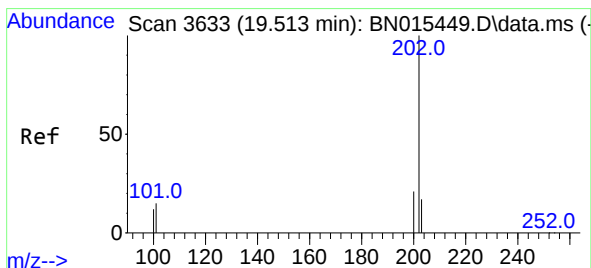
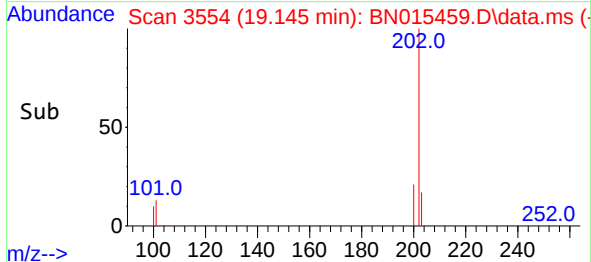
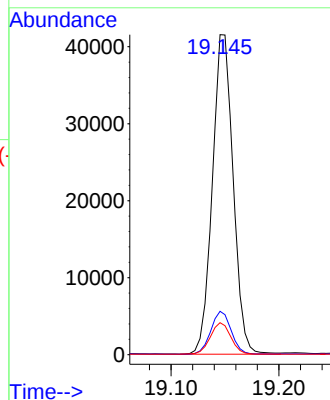
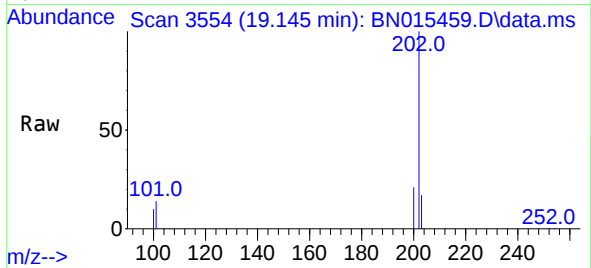
#19
Fluoranthene
Concen: 1.226 ng/u1
RT: 19.145 min Scan# 3554
Delta R.T. -0.004 min
Lab File: BN015459.D
Acq: 09 Jul 2021 23:03

Tgt Ion:	202	Resp:	55591
Ion Ratio	Lower	Upper	
202	100		
101	13.5	10.1	15.1
100	10.0	7.4	11.0

Instrument :
BNA_N
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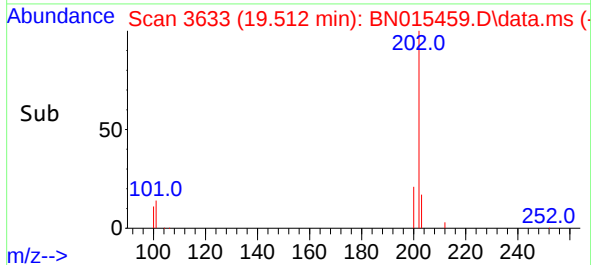
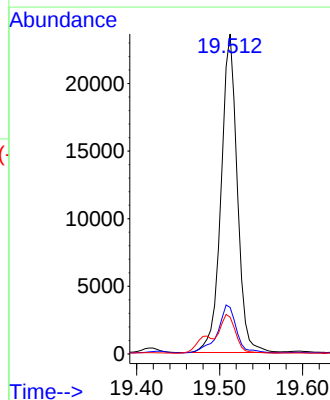
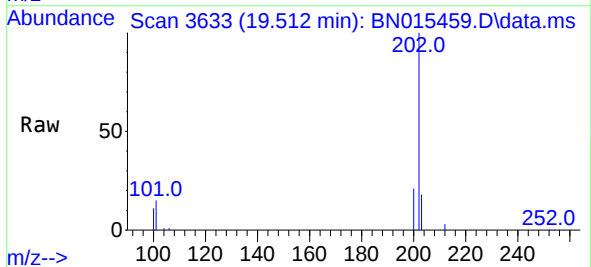
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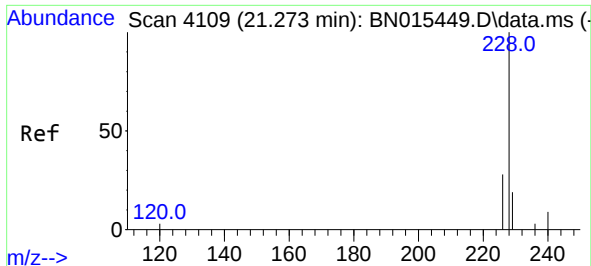
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#20
Pyrene
Concen: 0.700 ng/u1
RT: 19.512 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015459.D
Acq: 09 Jul 2021 23:03

Tgt Ion:	202	Resp:	31822
Ion Ratio	Lower	Upper	
202	100		
101	14.6	12.0	18.0
100	11.5	9.6	14.4





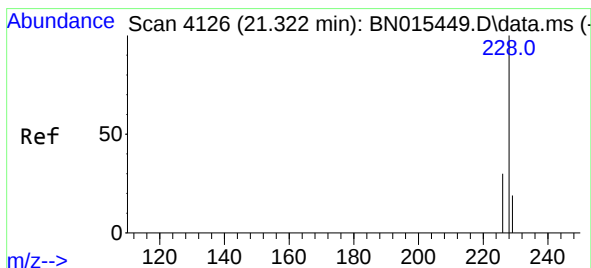
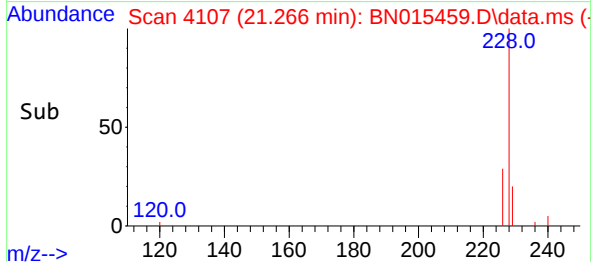
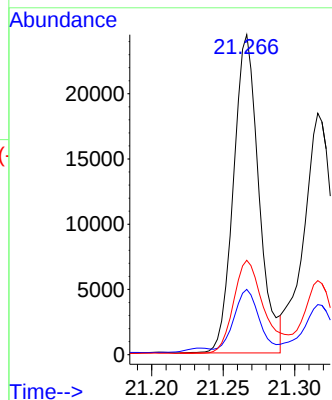
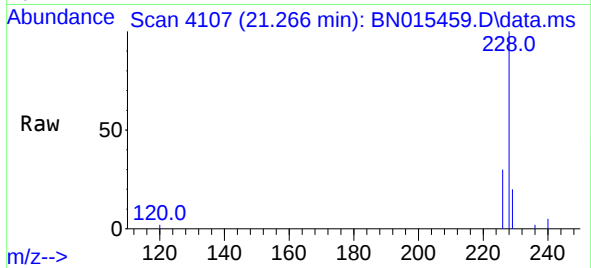
#21
Benzo(a)anthracene
Concen: 0.828 ng/u1
RT: 21.266 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BN015459.D
Acq: 09 Jul 2021 23:03

Tgt Ion:228	Resp:	30111
Ion Ratio	Lower	Upper
228	100	
229	20.4	15.8 23.8
226	29.5	21.8 32.8

Instrument :
BNA_N
ClientSampleId :
BGDW7DL

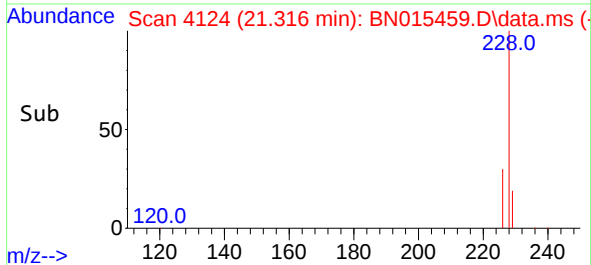
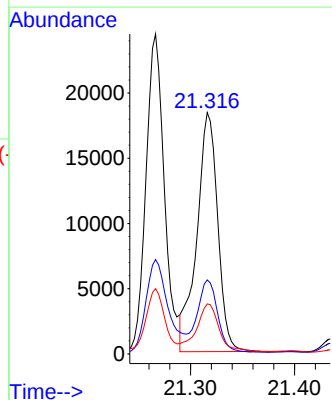
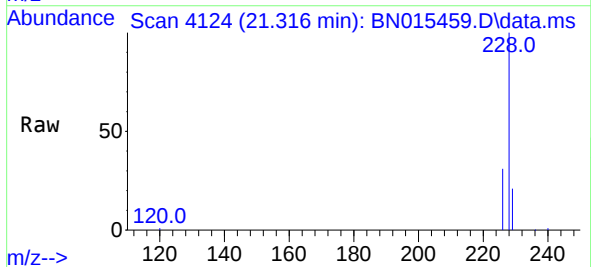
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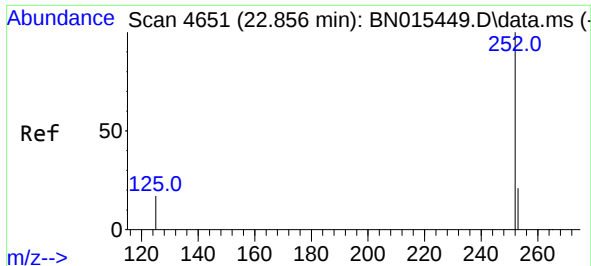
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#22
Chrysene
Concen: 0.588 ng/u1
RT: 21.316 min Scan# 4124
Delta R.T. -0.006 min
Lab File: BN015459.D
Acq: 09 Jul 2021 23:03

Tgt Ion:228	Resp:	25588
Ion Ratio	Lower	Upper
228	100	
226	30.7	24.6 37.0
229	20.8	15.7 23.5





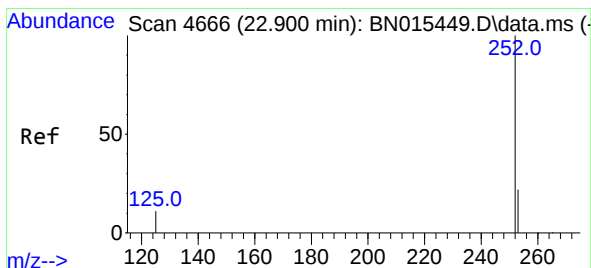
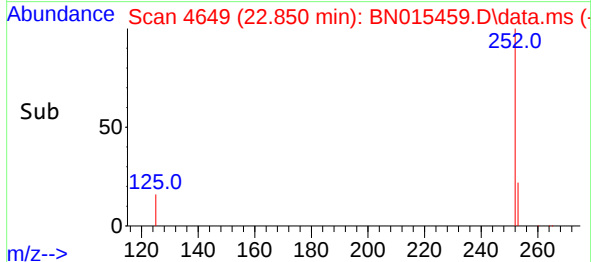
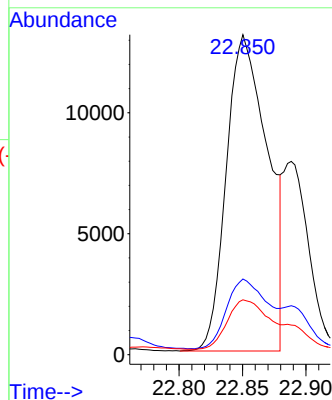
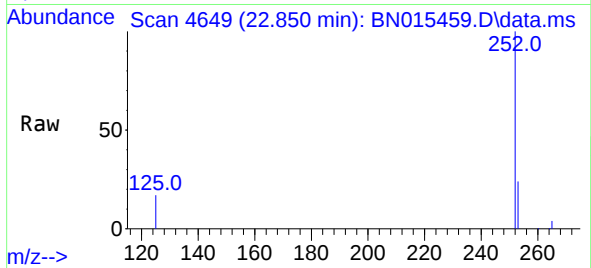
#24
Benzo(b)fluoranthene
Concen: 0.749 ng/ul m
RT: 22.850 min Scan# 4649
Delta R.T. -0.006 min
Lab File: BN015459.D
Acq: 09 Jul 2021 23:03

Tgt Ion:252	Resp:	29589
Ion Ratio	Lower	Upper
252	100	
253	23.6	0.0 45.6
125	17.2	0.0 28.4

Instrument :
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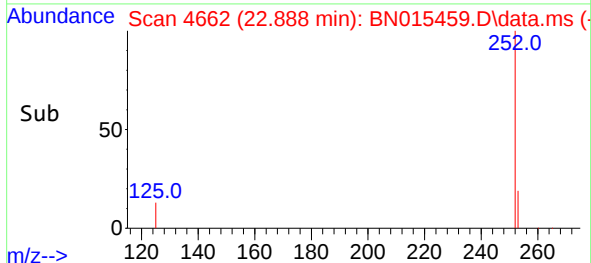
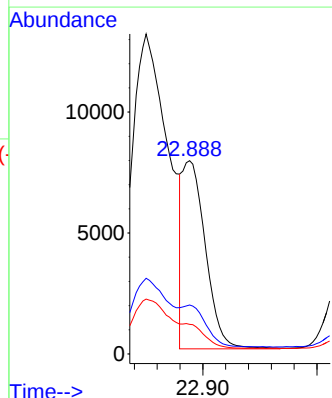
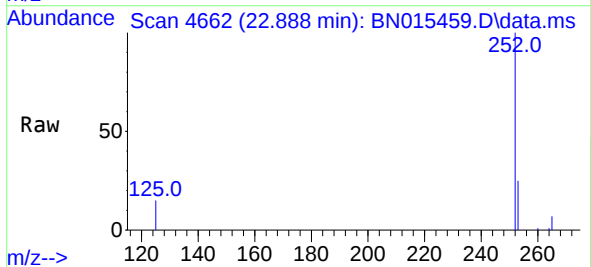
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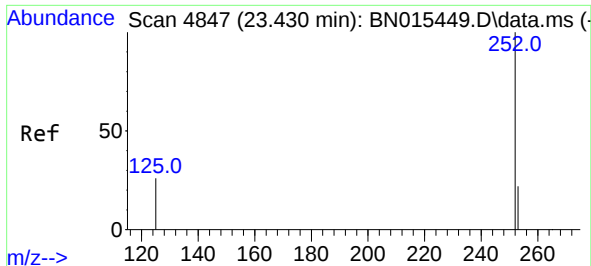
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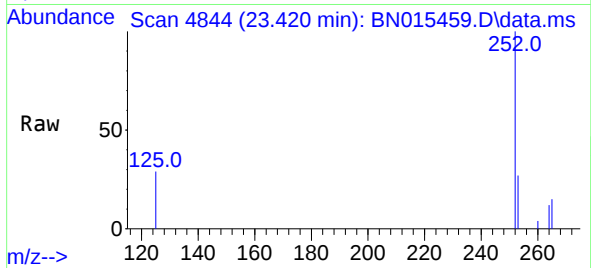
#25
Benzo(k)fluoranthene
Concen: 0.245 ng/ul m
RT: 22.888 min Scan# 4662
Delta R.T. -0.011 min
Lab File: BN015459.D
Acq: 09 Jul 2021 23:03

Tgt Ion:252	Resp:	10905
Ion Ratio	Lower	Upper
252	100	
253	25.3	18.1 27.1
125	15.3	11.5 17.3

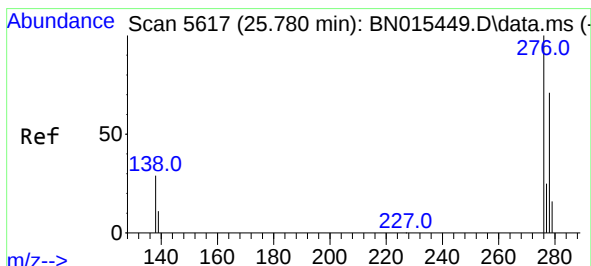
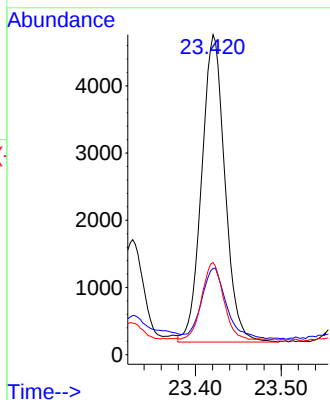
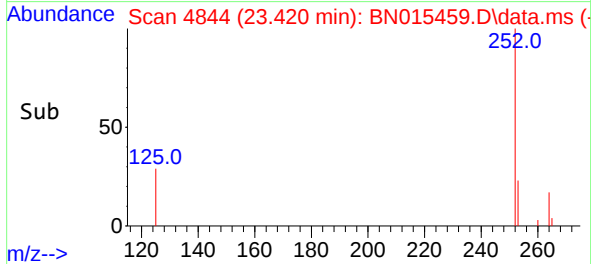




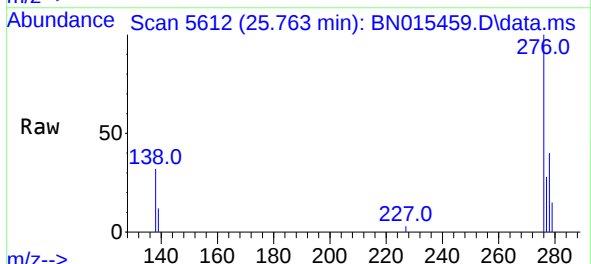
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Benzo(a)pyrene
Concen: 0.259 ng/ul
RT: 23.420 min Scan# 4844
Delta R.T. -0.009 min
Lab File: BN015459.D
Acq: 09 Jul 2021 23:03



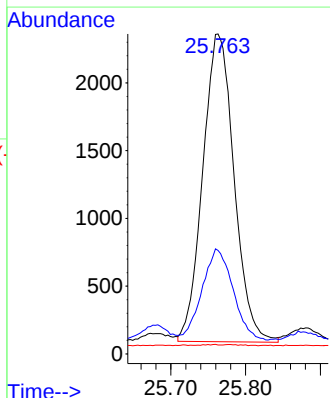
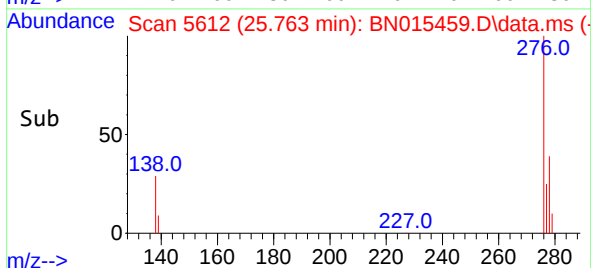
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Ion Ratio Lower Upper
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253 27.0 18.9 28.3
125 28.8 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.165 ng/ul
RT: 25.763 min Scan# 5612
Delta R.T. -0.013 min
Lab File: BN015459.D
Acq: 09 Jul 2021 23:03



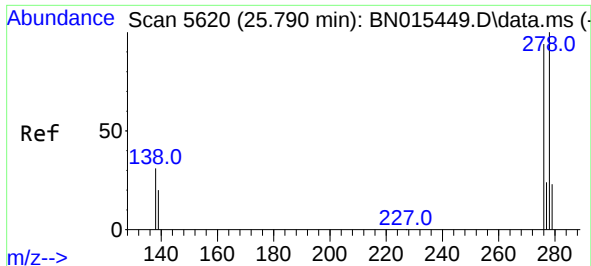
Tgt Ion:276 Resp: 6615
Ion Ratio Lower Upper
276 100
138 30.2 26.3 39.5
227 0.2 0.1 0.1#



Instrument :
BNA_N
ClientSampleId :
BGDW7DL

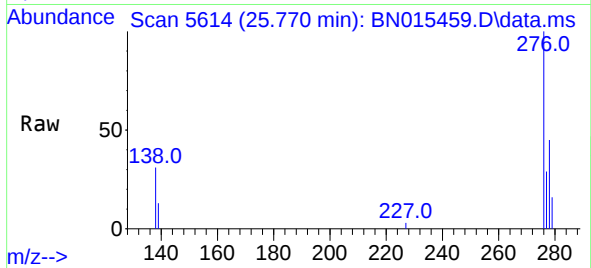
Manual Integrations
APPROVED

mohammad
7/12/2021 9:33:27 AM



#28
 Dibenzo(a,h)anthracene
 Concen: 0.100 ng/ul
 RT: 25.770 min Scan# 5614
 Delta R.T. -0.020 min
 Lab File: BN015459.D
 Acq: 09 Jul 2021 23:03

Instrument :
 BNA_N
 ClientSampleId :
 BGDW7DL



Tgt Ion: 278 Resp: 3153
 Ion Ratio Lower Upper
 278 100
 139 29.0 18.9 28.3#
 279 35.2 20.8 31.2#

Manual Integrations
 APPROVED

mohammad
 7/12/2021 9:33:27 AM

