

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015138.D
 Acq On : 27 Jun 2021 04:59
 Operator : CG/JU
 Sample : M2680-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDC3

Manual Integrations
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Quant Time: Jun 28 01:26:13 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 : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	4052	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.501	136	14383	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.353	164	8244	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.098	188	17178m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.293	240	16118	0.400	ng/ul	-0.02
23) Perylene-d12	23.534	264	15499	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	23891	5.231	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.090	152	7469	0.331	ng/ul	-0.01
18) Fluoranthene-d10	19.131	212	17206	0.325	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.551	128	2916	0.064	ng/ul#	92
11) Acenaphthene	14.413	153	1868	0.057	ng/ul	96
12) Fluorene	15.403	166	1398	0.039	ng/ul#	94
15) Phenanthrene	17.140	178	9350	0.150	ng/ul	99
16) Anthracene	17.229	178	2521	0.046	ng/ul#	90
19) Fluoranthene	19.159	202	12119	0.163	ng/ul	96
20) Pyrene	19.526	202	12335m	0.165	ng/ul	
21) Benzo(a)anthracene	21.275	228	6128	0.103	ng/ul#	89
22) Chrysene	21.328	228	5434	0.076	ng/ul	94
24) Benzo(b)fluoranthene	22.862	252	6204m	0.086	ng/ul	
25) Benzo(k)fluoranthene	22.906	252	2779m	0.034	ng/ul	
26) Benzo(a)pyrene	23.438	252	4288	0.071	ng/ul#	49
27) Indeno(1,2,3-cd)pyrene	25.790	276	2697	0.037	ng/ul#	93
29) Benzo(g,h,i)perylene	26.474	276	2614	0.038	ng/ul#	78

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

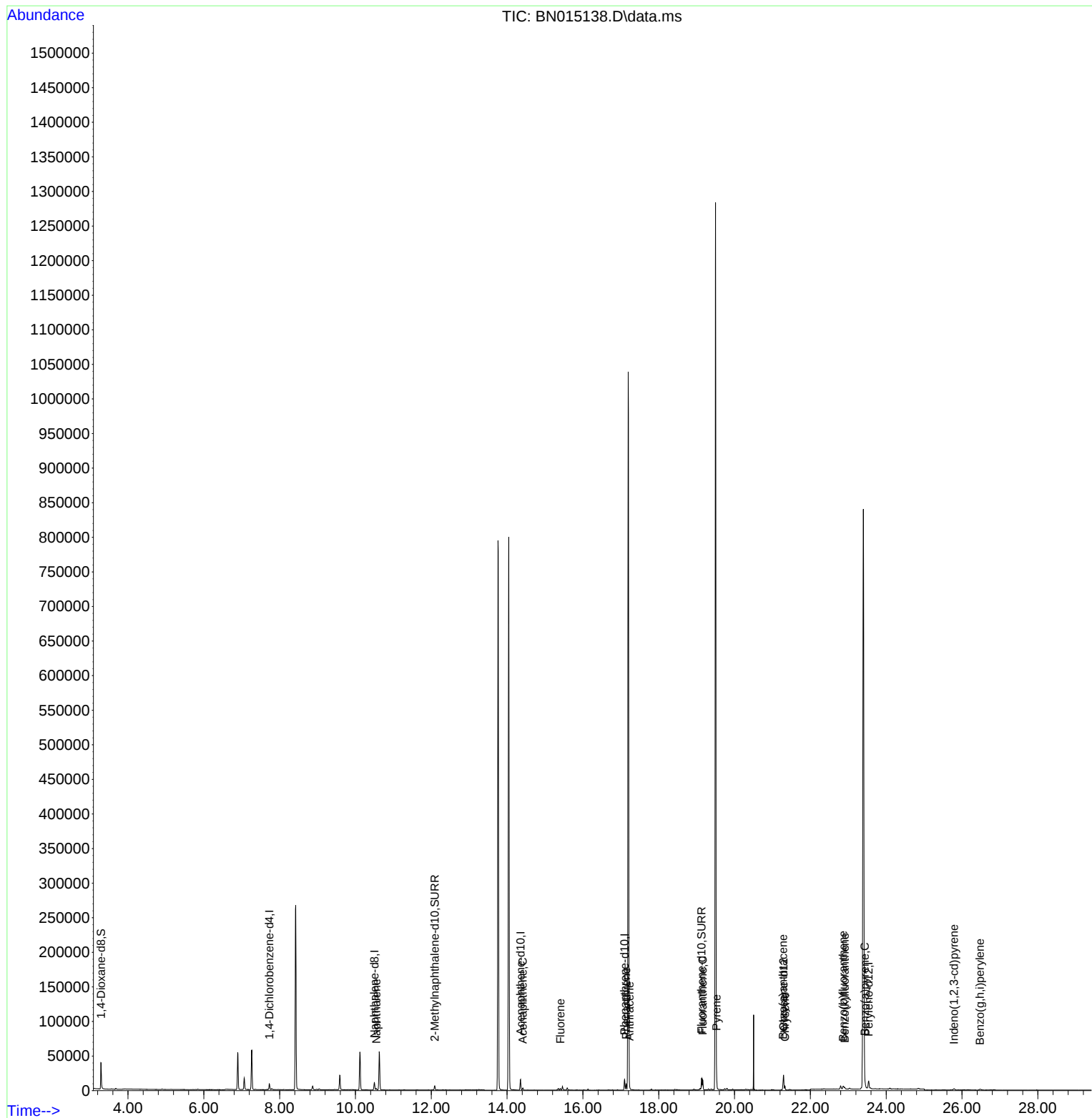
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Data File : BN015138.D
Acq On : 27 Jun 2021 04:59
Operator : CG/JU
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ALS Vial : 21 Sample Multiplier: 1

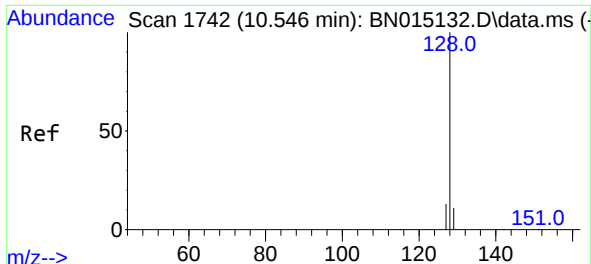
Instrument :
BNA_N
ClientSampleId :
BGDC3

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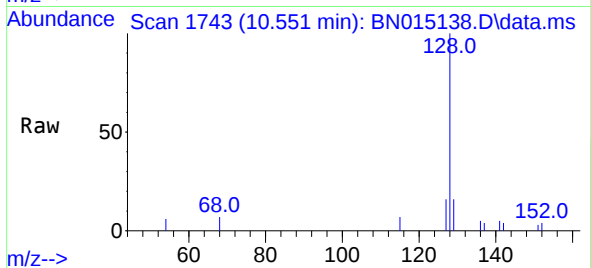
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Quant Time: Jun 28 01:26:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
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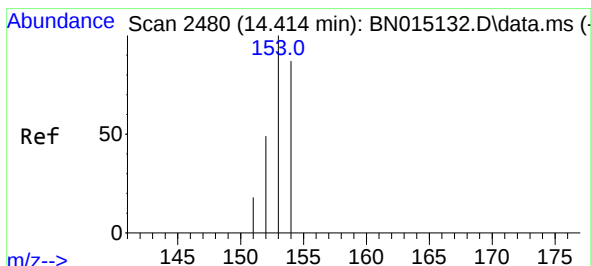
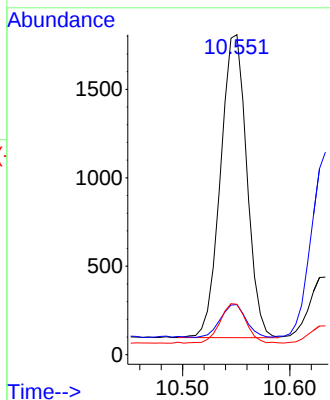
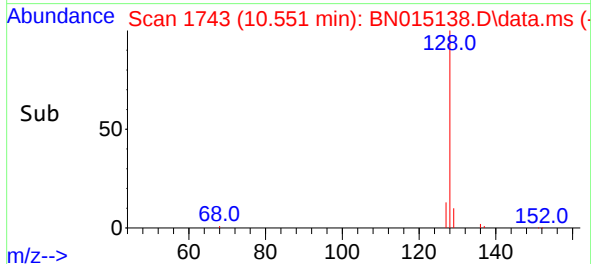




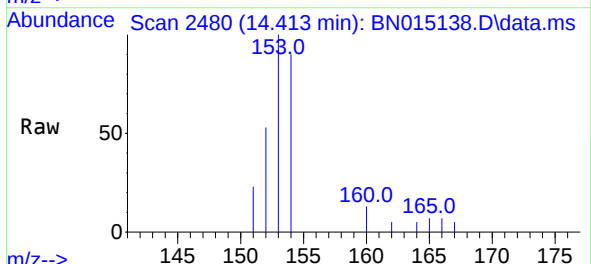
#5
Naphthalene
Concen: 0.064 ng/ul
RT: 10.551 min Scan# 1743
Delta R.T. -0.008 min
Lab File: BN015138.D
Acq: 27 Jun 2021 04:59



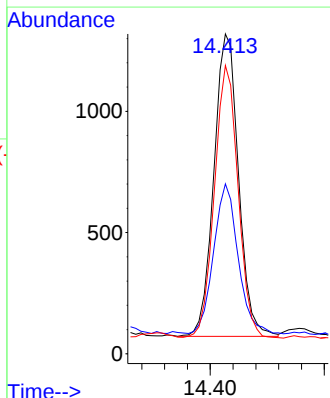
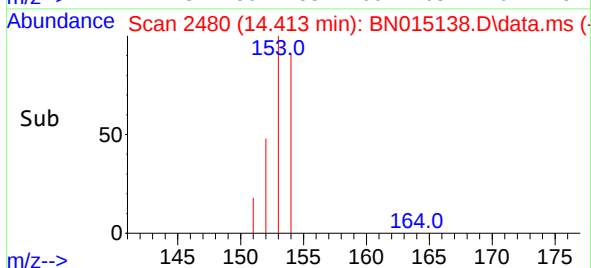
Tgt Ion:128 Resp: 2916
Ion Ratio Lower Upper
128 100
129 15.6 9.3 13.9#
127 15.8 10.8 16.2



#11
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.413 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN015138.D
Acq: 27 Jun 2021 04:59



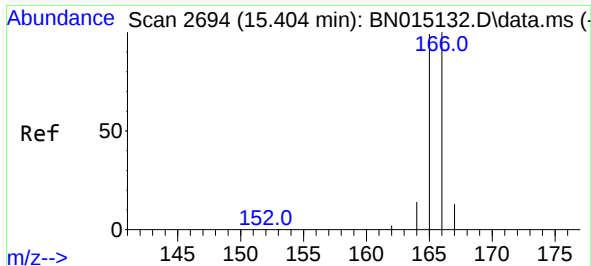
Tgt Ion:153 Resp: 1868
Ion Ratio Lower Upper
153 100
152 53.1 39.8 59.6
154 90.1 69.8 104.8



Instrument :
BNA_N
ClientSampled :
BGDC3

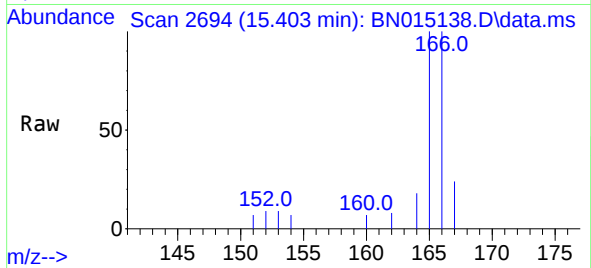
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#12
Fluorene
Concen: 0.039 ng/u1
RT: 15.403 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BN015138.D
Acq: 27 Jun 2021 04:59

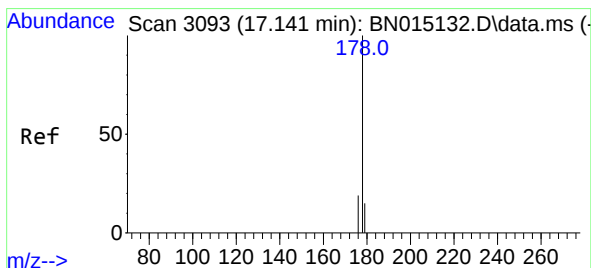
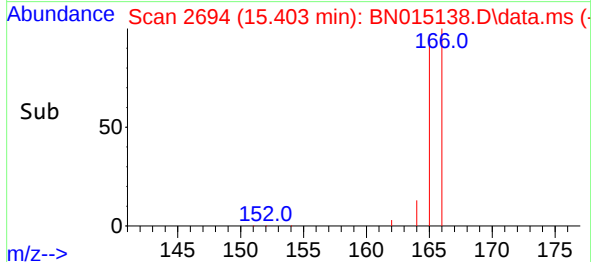
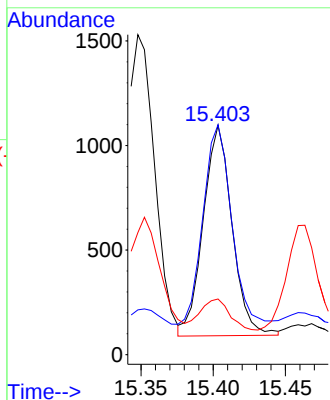
Instrument :
BNA_N
ClientSampled :
BGDC3



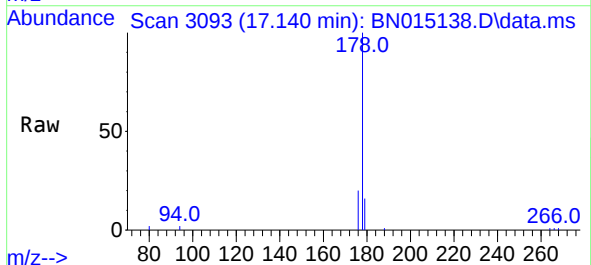
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Ion Ratio Lower Upper
166 100
165 100.3 77.8 116.8
167 24.3 11.2 16.8#

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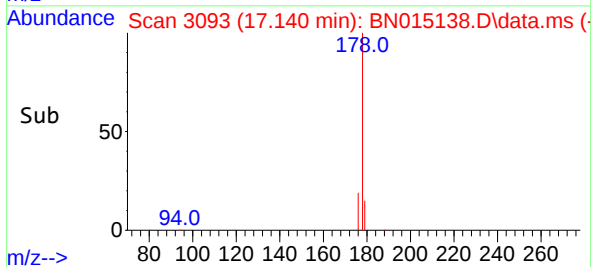
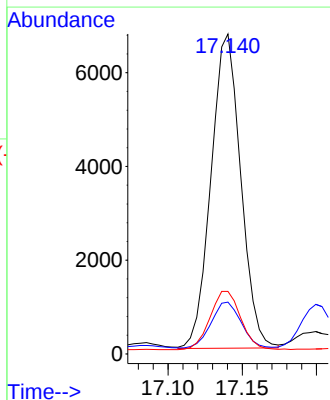
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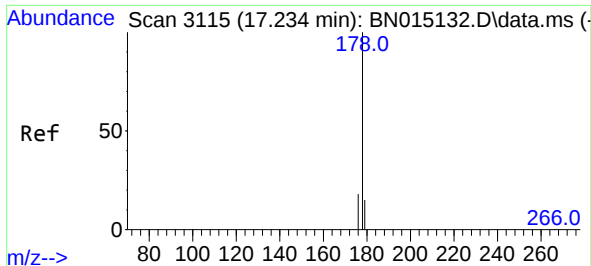


#15
Phenanthrene
Concen: 0.150 ng/u1
RT: 17.140 min Scan# 3093
Delta R.T. -0.011 min
Lab File: BN015138.D
Acq: 27 Jun 2021 04:59



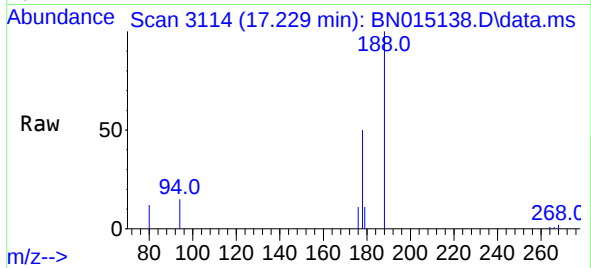
Tgt Ion:178 Resp: 9350
Ion Ratio Lower Upper
178 100
179 16.2 12.3 18.5
176 19.6 15.5 23.3





#16
 Anthracene
 Concen: 0.046 ng/ul
 RT: 17.229 min Scan# 3114
 Delta R.T. -0.015 min
 Lab File: BN015138.D
 Acq: 27 Jun 2021 04:59

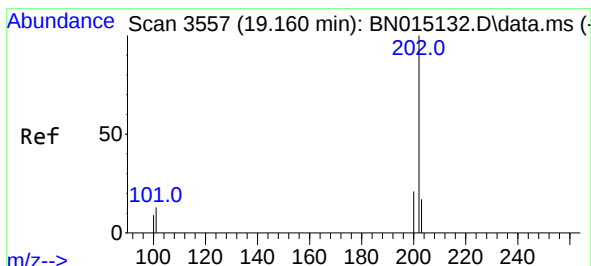
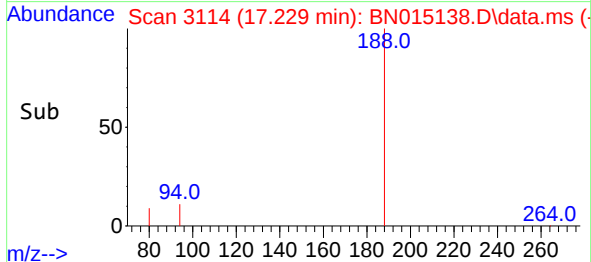
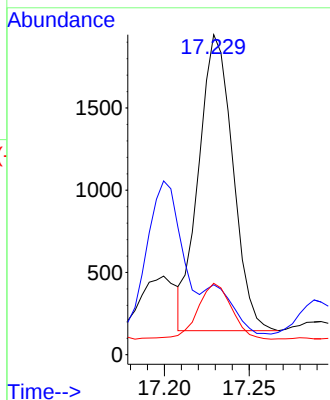
Instrument :
 BNA_N
 ClientSampled :
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Tgt Ion:	178	Resp:	2521
Ion Ratio	Lower	Upper	
178	100		
179	21.9	12.8	19.2#
176	22.3	15.2	22.8

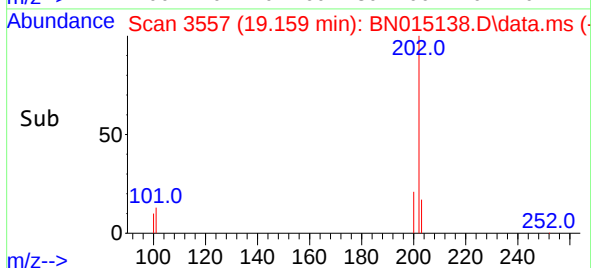
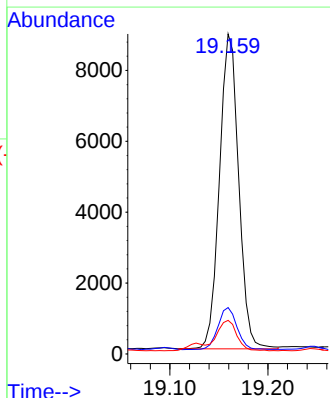
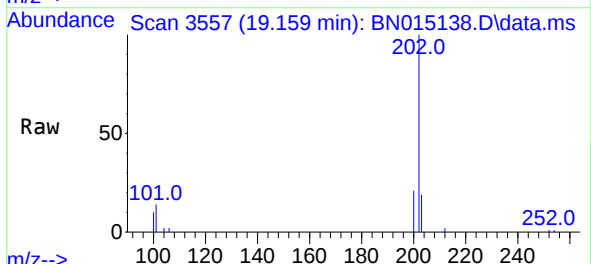
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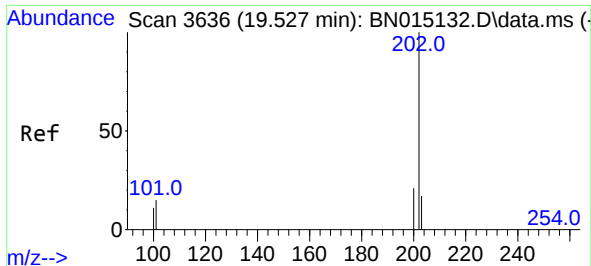
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#19
 Fluoranthene
 Concen: 0.163 ng/ul
 RT: 19.159 min Scan# 3557
 Delta R.T. -0.016 min
 Lab File: BN015138.D
 Acq: 27 Jun 2021 04:59

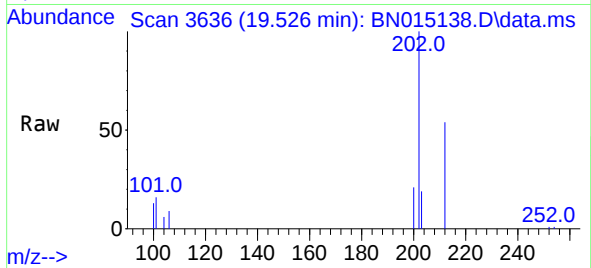
Tgt Ion:	202	Resp:	12119
Ion Ratio	Lower	Upper	
202	100		
101	14.5	10.1	15.1
100	10.5	7.4	11.0





#20
Pyrene
Concen: 0.165 ng/ul m
RT: 19.526 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BN015138.D
Acq: 27 Jun 2021 04:59

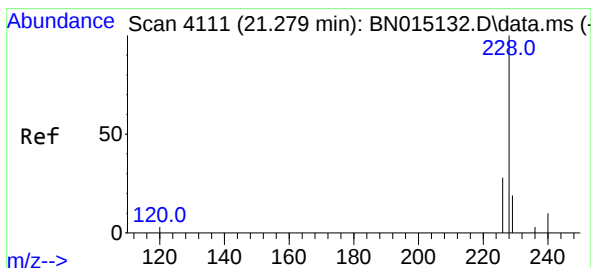
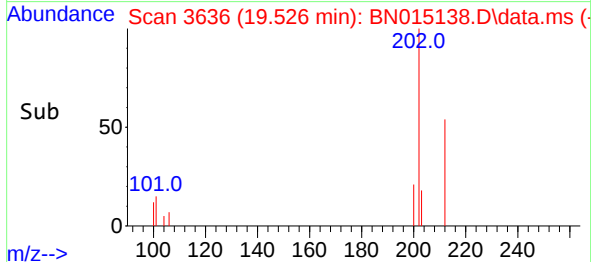
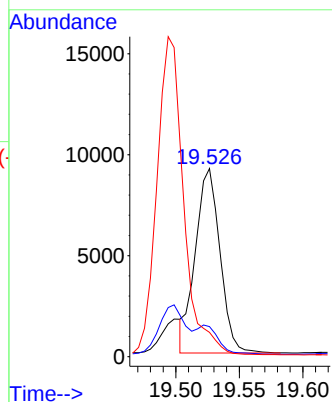
Instrument :
BNA_N
ClientSampled :
BGDC3



Tgt Ion:202 Resp: 12335
Ion Ratio Lower Upper
202 100
101 16.0 12.0 18.0
100 12.9 9.6 14.4

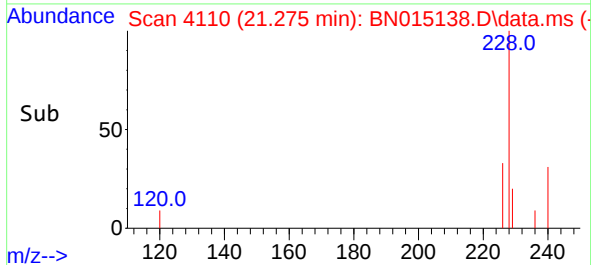
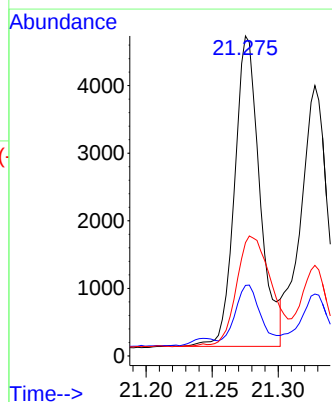
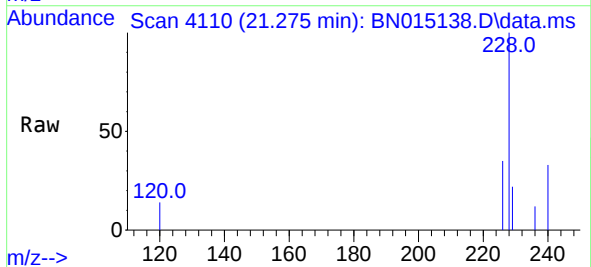
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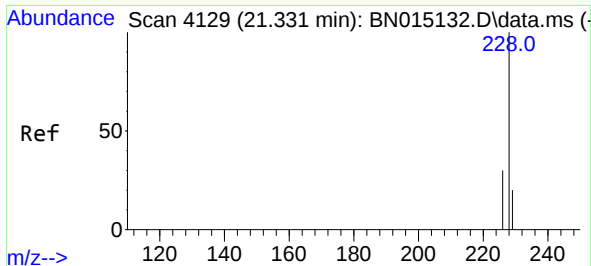
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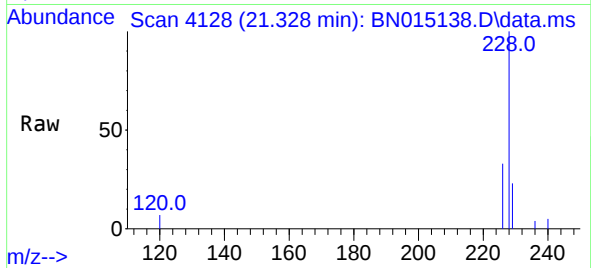
#21
Benzo(a)anthracene
Concen: 0.103 ng/ul
RT: 21.275 min Scan# 4110
Delta R.T. -0.021 min
Lab File: BN015138.D
Acq: 27 Jun 2021 04:59

Tgt Ion:228 Resp: 6128
Ion Ratio Lower Upper
228 100
229 22.0 15.8 23.8
226 35.4 21.8 32.8#

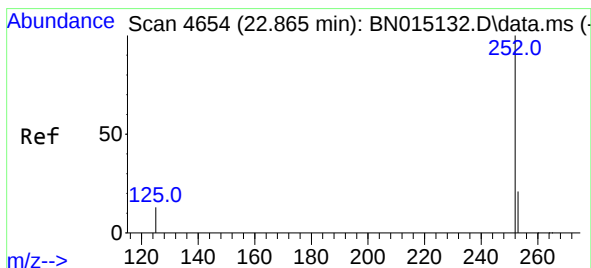
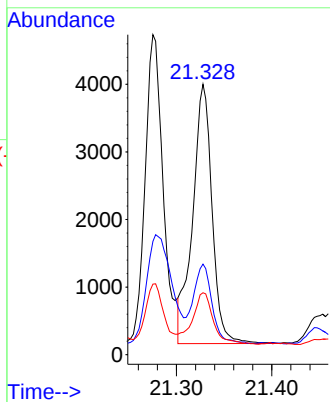
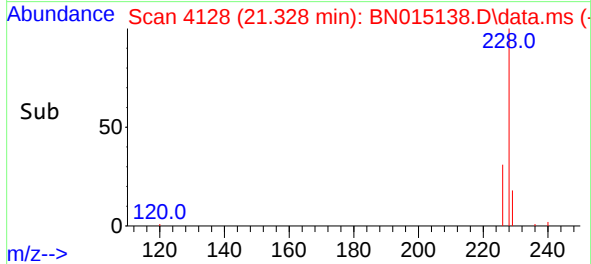




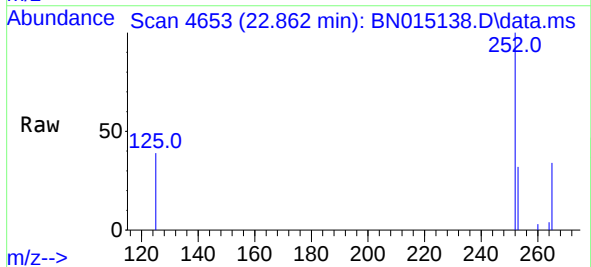
#22
Chrysene
Concen: 0.076 ng/ul
RT: 21.328 min Scan# 4128
Delta R.T. -0.021 min
Lab File: BN015138.D
Acq: 27 Jun 2021 04:59



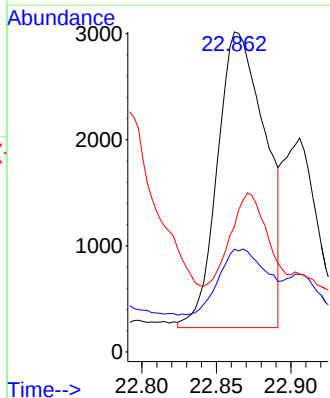
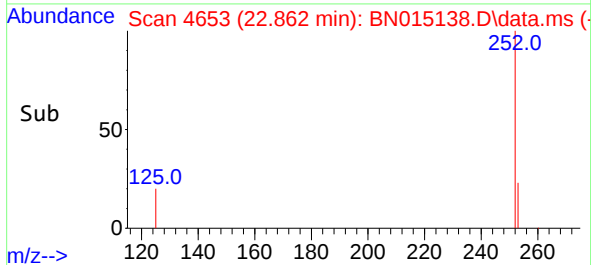
Tgt Ion:228 Resp: 5434
Ion Ratio Lower Upper
228 100
226 33.5 24.6 37.0
229 22.9 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.086 ng/ul m
RT: 22.862 min Scan# 4653
Delta R.T. -0.033 min
Lab File: BN015138.D
Acq: 27 Jun 2021 04:59



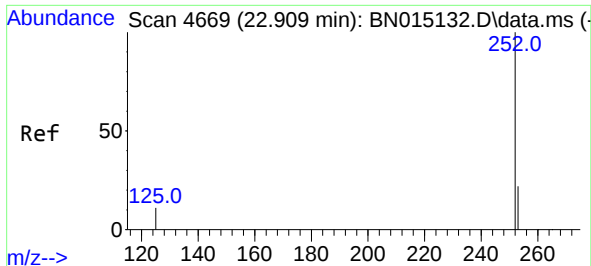
Tgt Ion:252 Resp: 6204
Ion Ratio Lower Upper
252 100
253 32.1 0.0 45.6
125 39.1 0.0 28.4#



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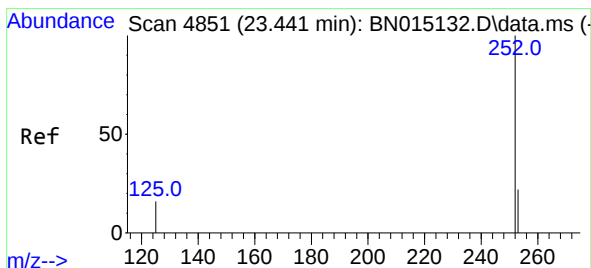
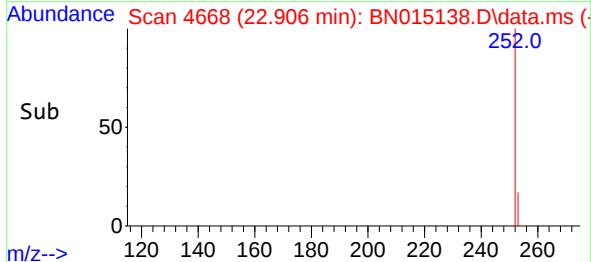
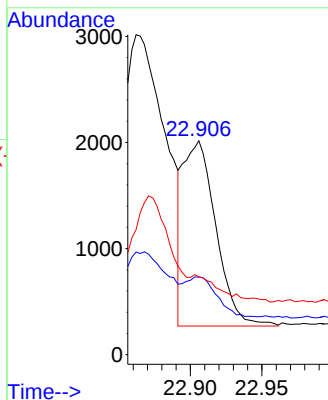
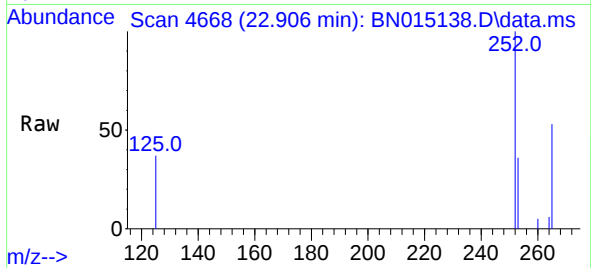
#25
Benzo(k)fluoranthene
Concen: 0.034 ng/ul m
RT: 22.906 min Scan# 4668
Delta R.T. -0.033 min
Lab File: BN015138.D
Acq: 27 Jun 2021 04:59

Tgt Ion:252 Resp: 2779
Ion Ratio Lower Upper
252 100
253 36.3 18.1 27.1#
125 36.6 11.5 17.3#

Instrument :
BNA_N
ClientSampled :
BGDC3

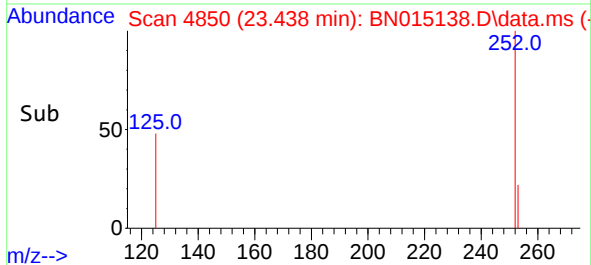
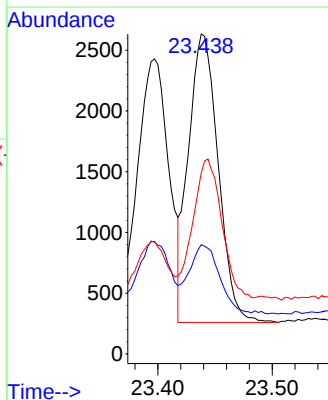
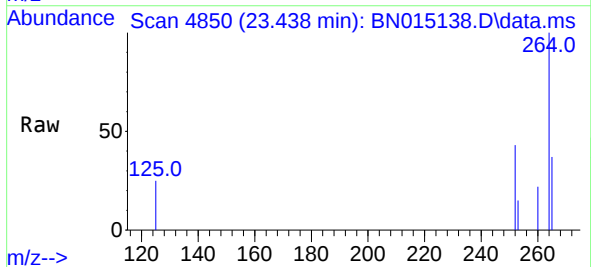
Manual Integrations
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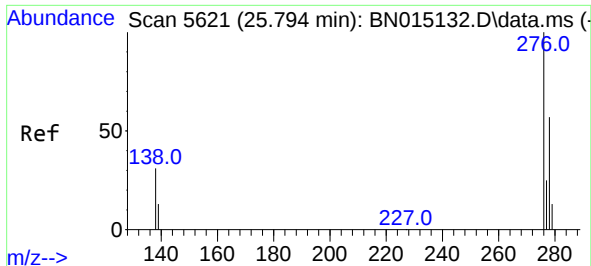
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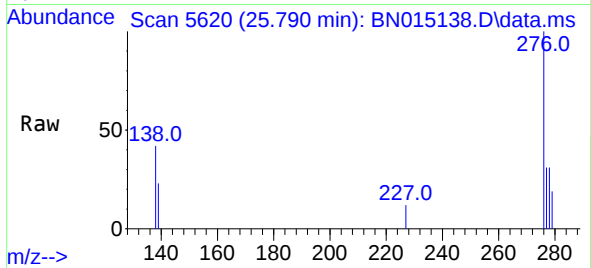
#26
Benzo(a)pyrene
Concen: 0.071 ng/ul
RT: 23.438 min Scan# 4850
Delta R.T. -0.033 min
Lab File: BN015138.D
Acq: 27 Jun 2021 04:59

Tgt Ion:252 Resp: 4288
Ion Ratio Lower Upper
252 100
253 34.1 18.9 28.3#
125 56.6 13.5 20.3#

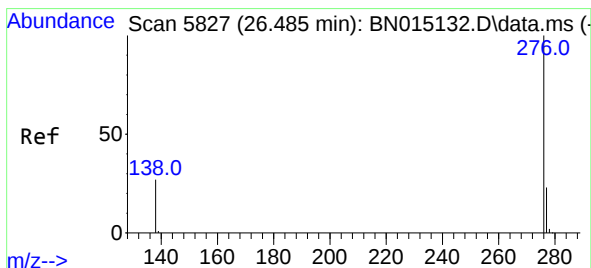
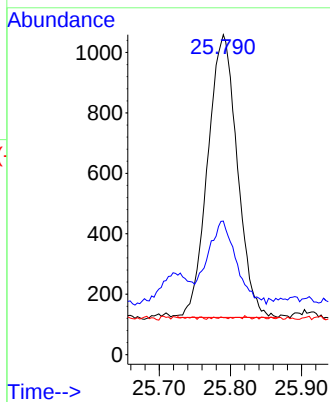
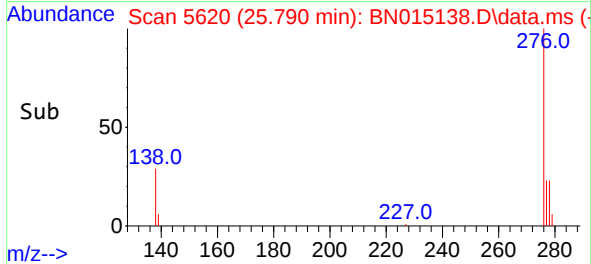




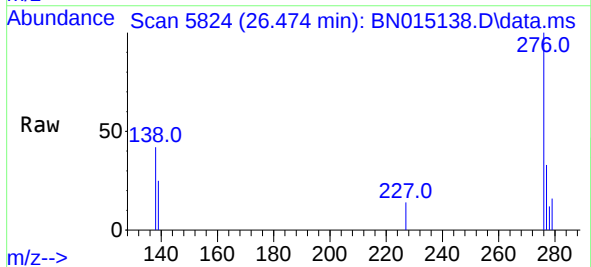
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng/ul
RT: 25.790 min Scan# 5620
Delta R.T. -0.051 min
Lab File: BN015138.D
Acq: 27 Jun 2021 04:59



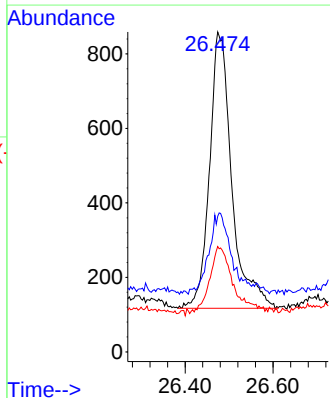
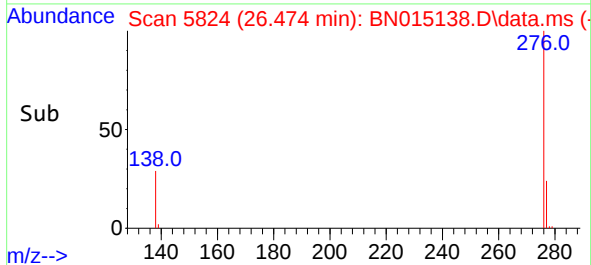
Tgt Ion:276 Resp: 2697
Ion Ratio Lower Upper
276 100
138 28.8 26.3 39.5
227 0.1 0.1 0.1#



#29
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul
RT: 26.474 min Scan# 5824
Delta R.T. -0.051 min
Lab File: BN015138.D
Acq: 27 Jun 2021 04:59



Tgt Ion:276 Resp: 2614
Ion Ratio Lower Upper
276 100
138 42.4 23.0 34.4#
277 32.9 19.3 28.9#



Instrument :
BNA_N
ClientSampleId :
BGDC3

Manual Integrations
APPROVED

mohammad
6/28/2021 1:28:04 PM