

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015139.D
 Acq On : 27 Jun 2021 05:34
 Operator : CG/JU
 Sample : M2680-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD37

Manual Integrations
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Quant Time: Jun 28 01:26:22 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	3410	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	11955	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.350	164	6588	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.099	188	14162m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.292	240	13395	0.400	ng/ul	-0.02
23) Perylene-d12	23.534	264	12682	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	13285	3.456	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	4166	0.222	ng/ul	-0.01
18) Fluoranthene-d10	19.128	212	12266	0.279	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.545	128	1661	0.044	ng/ul#	85
10) Acenaphthylene	14.068	152	1743	0.051	ng/ul#	86
12) Fluorene	15.400	166	630	0.022	ng/ul#	88
15) Phenanthrene	17.137	178	5912	0.115	ng/ul	95
16) Anthracene	17.230	178	2927	0.065	ng/ul#	91
19) Fluoranthene	19.161	202	29547	0.477	ng/ul	98
20) Pyrene	19.523	202	27919	0.450	ng/ul	97
21) Benzo(a)anthracene	21.278	228	18693m	0.377	ng/ul	
22) Chrysene	21.327	228	16424	0.276	ng/ul	96
24) Benzo(b)fluoranthene	22.862	252	19276m	0.325	ng/ul	
25) Benzo(k)fluoranthene	22.905	252	7250m	0.108	ng/ul	
26) Benzo(a)pyrene	23.440	252	14400	0.289	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.786	276	8128	0.135	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.796	278	2154	0.046	ng/ul#	54
29) Benzo(g,h,i)perylene	26.480	276	6211	0.112	ng/ul#	90

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

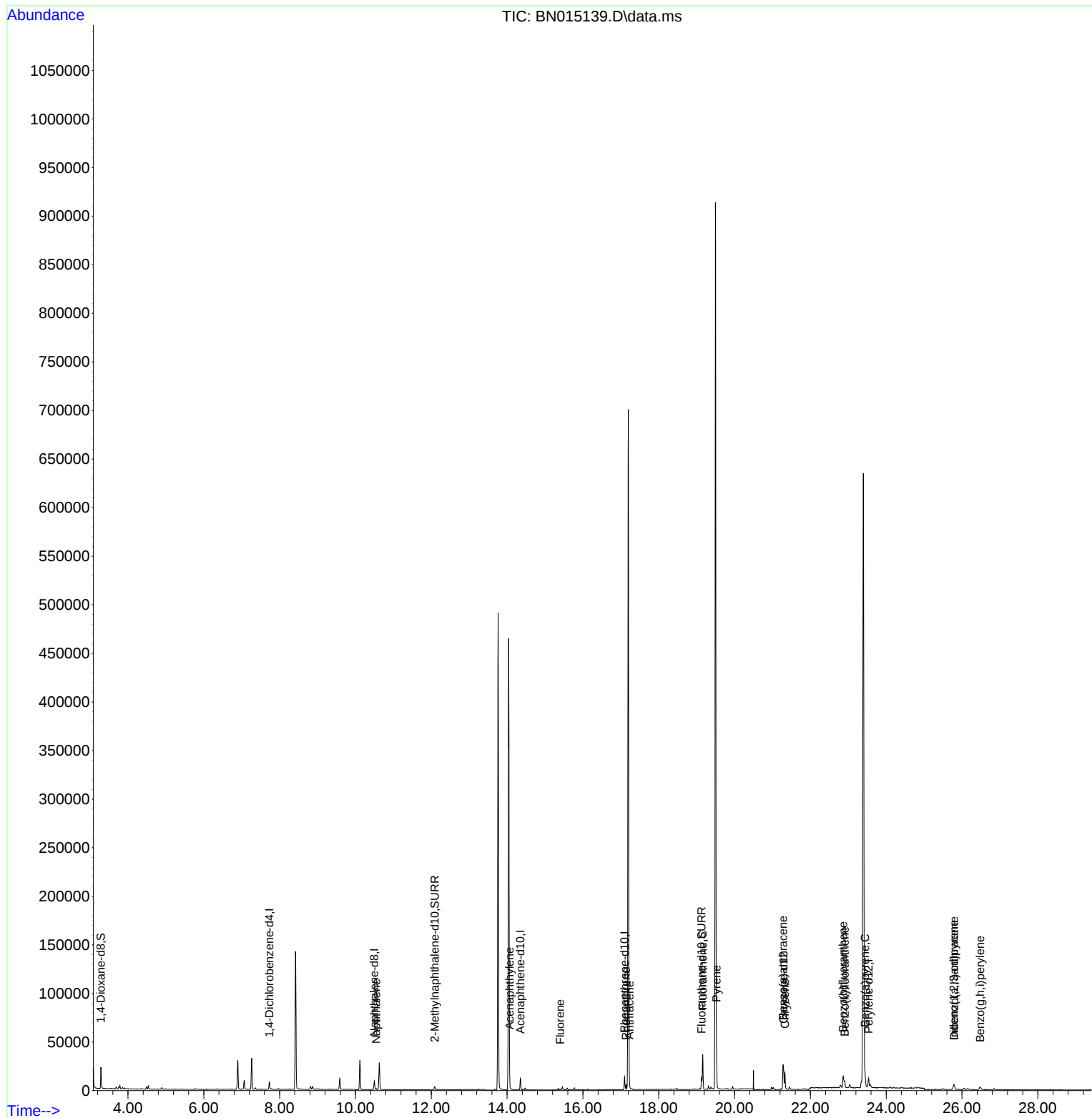
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Data File : BN015139.D
Acq On : 27 Jun 2021 05:34
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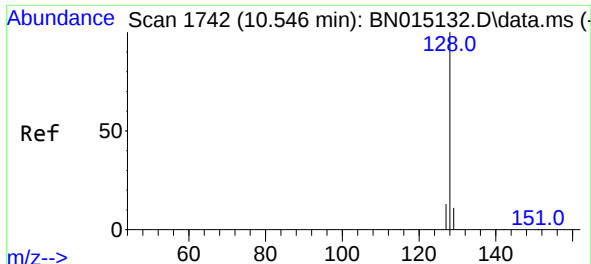
Instrument :
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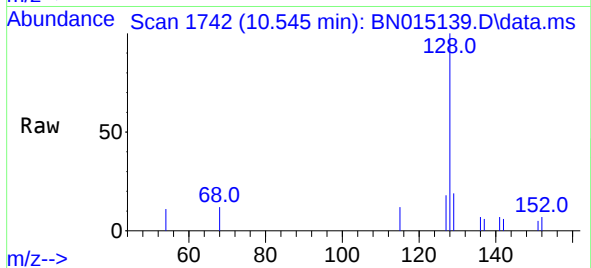
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

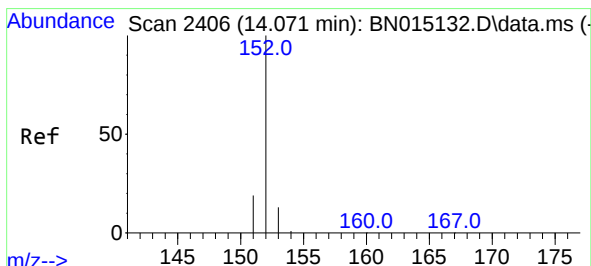
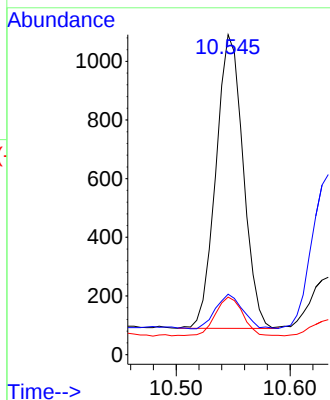
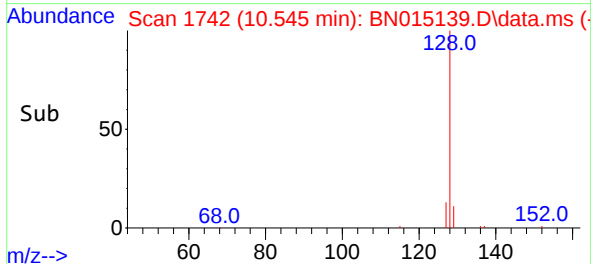




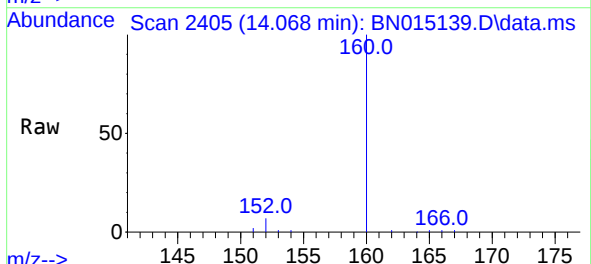
#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.545 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015139.D
Acq: 27 Jun 2021 05:34



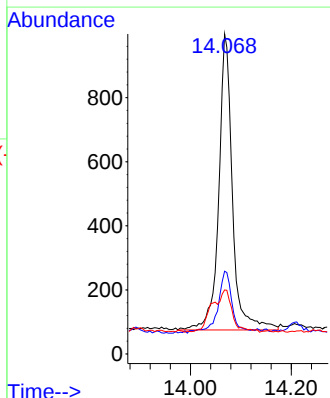
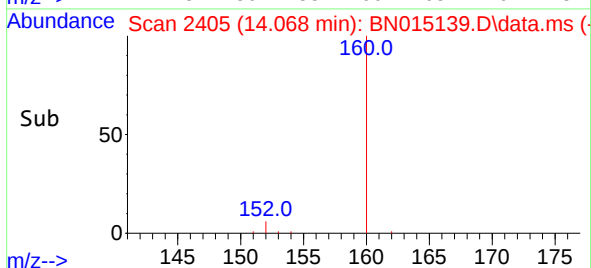
Tgt Ion:128 Resp: 1661
Ion Ratio Lower Upper
128 100
129 18.9 9.3 13.9#
127 18.0 10.8 16.2#



#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.068 min Scan# 2405
Delta R.T. -0.015 min
Lab File: BN015139.D
Acq: 27 Jun 2021 05:34



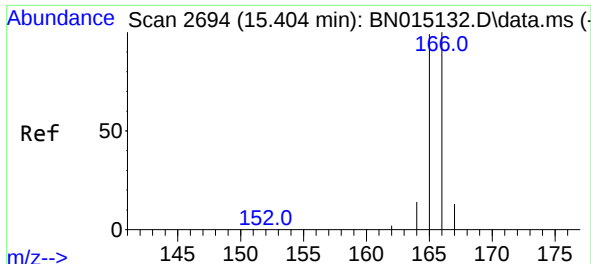
Tgt Ion:152 Resp: 1743
Ion Ratio Lower Upper
152 100
151 25.8 16.0 24.0#
153 20.0 10.9 16.3#



Instrument :
BNA_N
ClientSampled :
BGD37

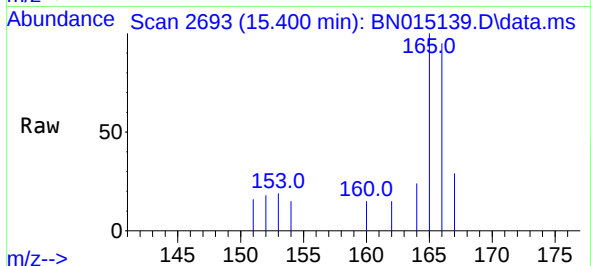
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#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.400 min Scan# 2693
Delta R.T. -0.015 min
Lab File: BN015139.D
Acq: 27 Jun 2021 05:34

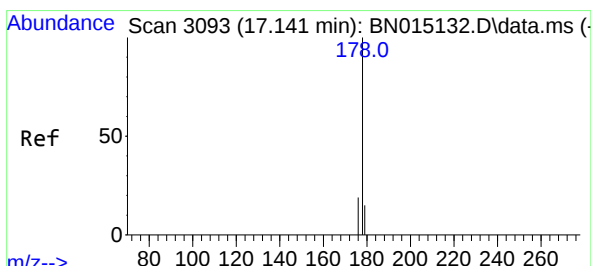
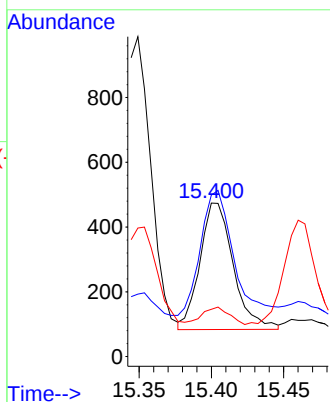
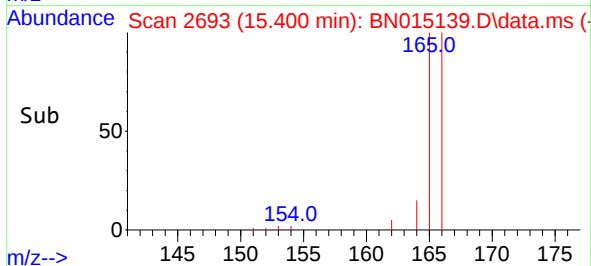
Instrument :
BNA_N
ClientSampled :
BGD37



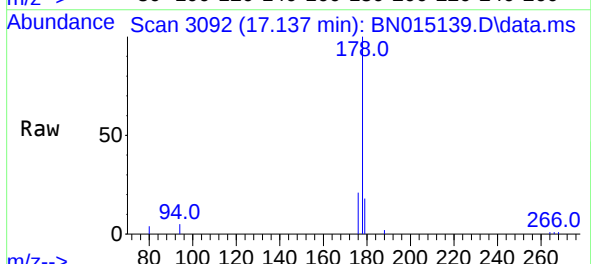
Tgt Ion:166 Resp: 630
Ion Ratio Lower Upper
166 100
165 105.3 77.8 116.8
167 30.8 11.2 16.8#

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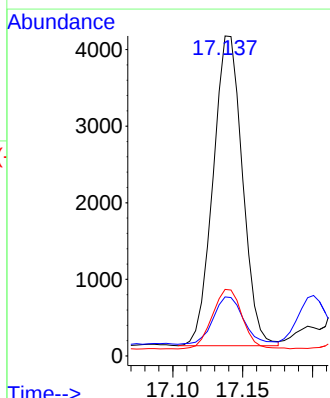
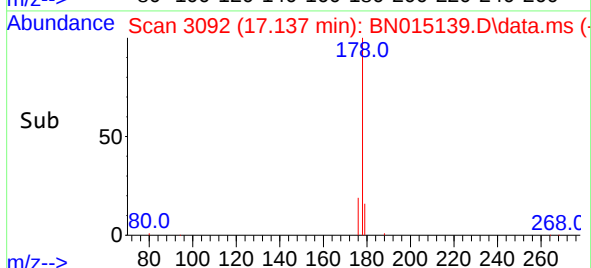
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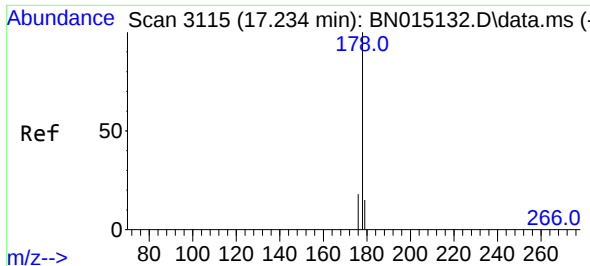


#15
Phenanthrene
Concen: 0.115 ng/ul
RT: 17.137 min Scan# 3092
Delta R.T. -0.014 min
Lab File: BN015139.D
Acq: 27 Jun 2021 05:34



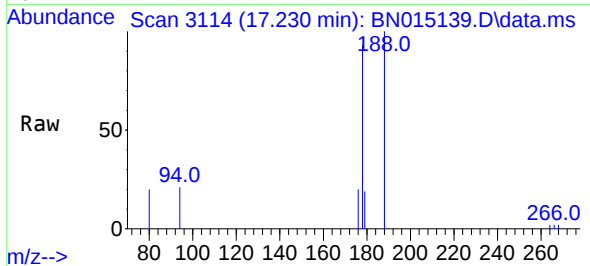
Tgt Ion:178 Resp: 5912
Ion Ratio Lower Upper
178 100
179 18.5 12.3 18.5
176 20.8 15.5 23.3





#16
 Anthracene
 Concen: 0.065 ng/u1
 RT: 17.230 min Scan# 3114
 Delta R.T. -0.014 min
 Lab File: BN015139.D
 Acq: 27 Jun 2021 05:34

Instrument :
 BNA_N
 ClientSampled :
 BGD37

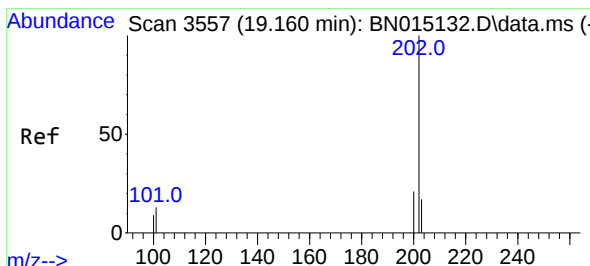
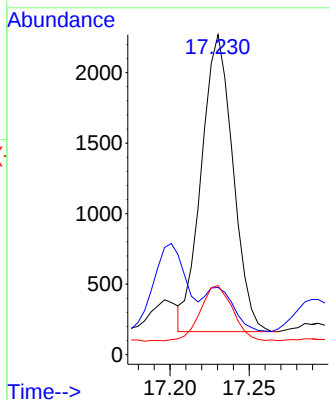
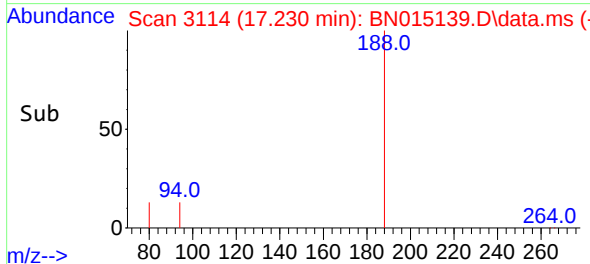


Tgt Ion:178 Resp: 2927

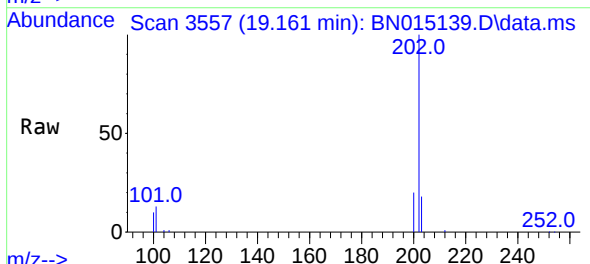
Ion	Ratio	Lower	Upper
178	100		
179	21.0	12.8	19.2#
176	21.6	15.2	22.8

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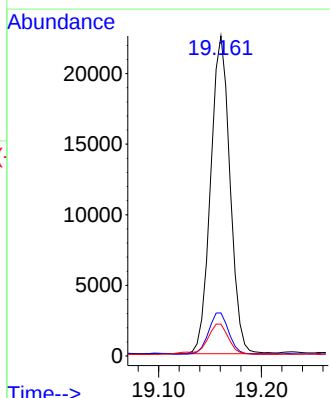
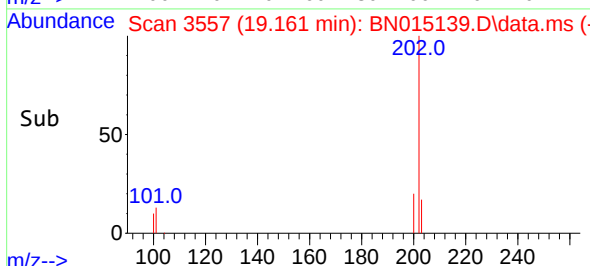


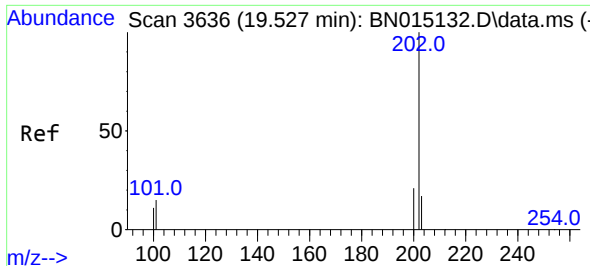
#19
 Fluoranthene
 Concen: 0.477 ng/u1
 RT: 19.161 min Scan# 3557
 Delta R.T. -0.015 min
 Lab File: BN015139.D
 Acq: 27 Jun 2021 05:34



Tgt Ion:202 Resp: 29547

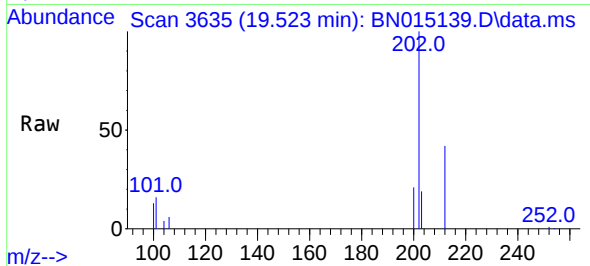
Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.1	15.1
100	10.0	7.4	11.0





#20
Pyrene
Concen: 0.450 ng/ul
RT: 19.523 min Scan# 3635
Delta R.T. -0.015 min
Lab File: BN015139.D
Acq: 27 Jun 2021 05:34

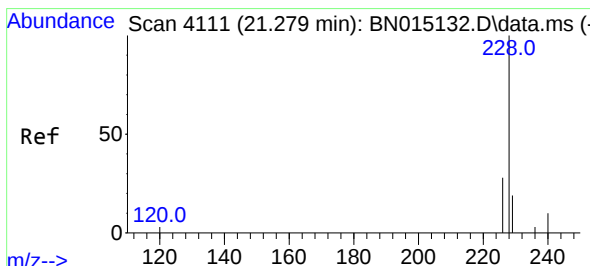
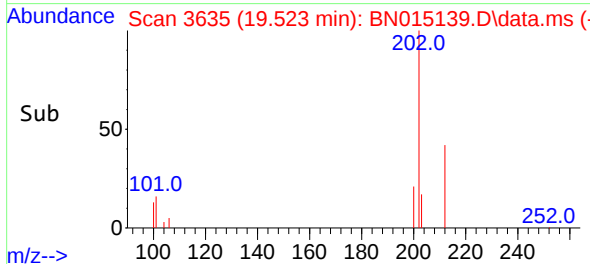
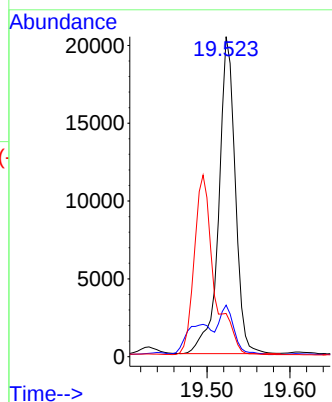
Instrument :
BNA_N
ClientSampled :
BGD37



Tgt Ion:202 Resp: 27919
Ion Ratio Lower Upper
202 100
101 16.1 12.0 18.0
100 13.5 9.6 14.4

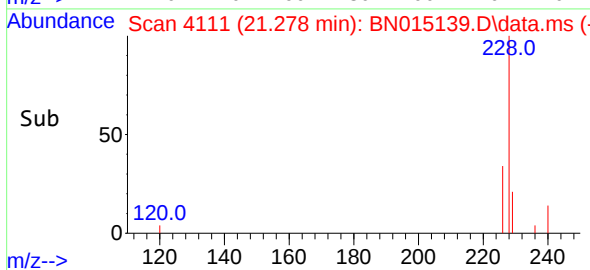
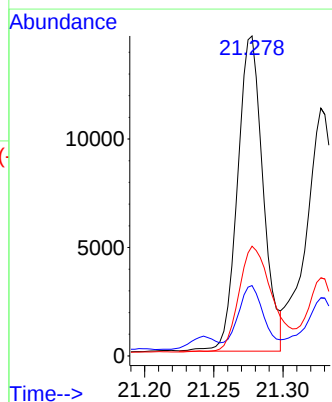
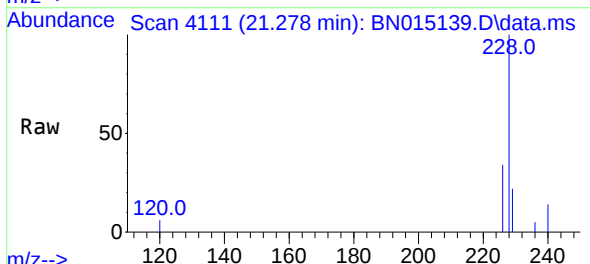
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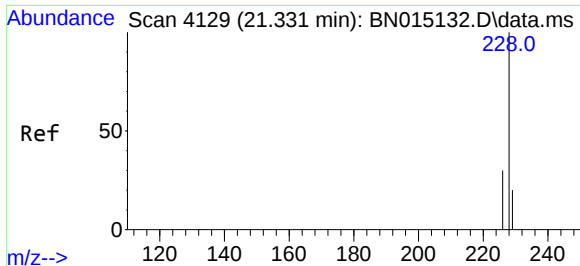
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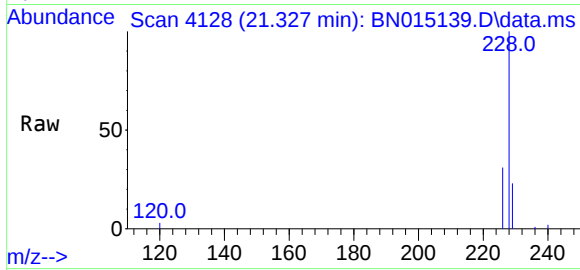
#21
Benzo(a)anthracene
Concen: 0.377 ng/ul m
RT: 21.278 min Scan# 4111
Delta R.T. -0.018 min
Lab File: BN015139.D
Acq: 27 Jun 2021 05:34

Tgt Ion:228 Resp: 18693
Ion Ratio Lower Upper
228 100
229 22.0 15.8 23.8
226 34.3 21.8 32.8#

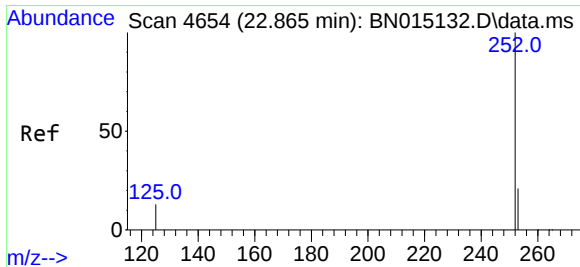
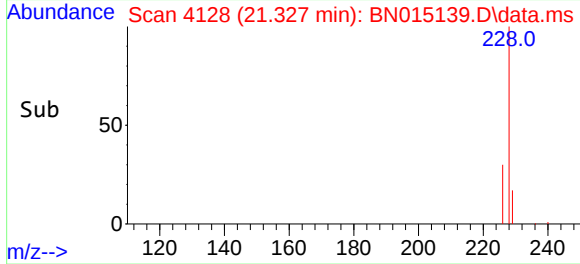
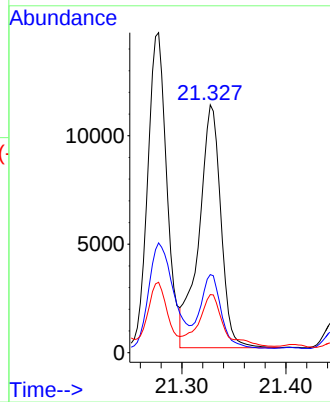




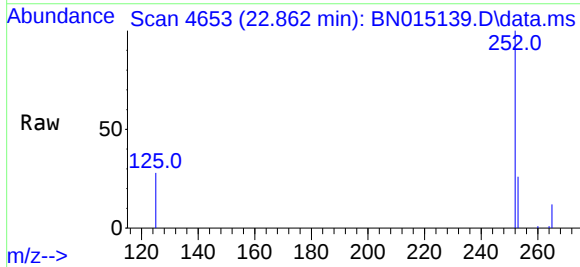
#22
Chrysene
Concen: 0.276 ng/ul
RT: 21.327 min Scan# 4128
Delta R.T. -0.021 min
Lab File: BN015139.D
Acq: 27 Jun 2021 05:34



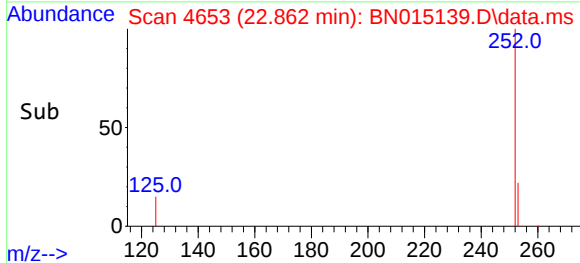
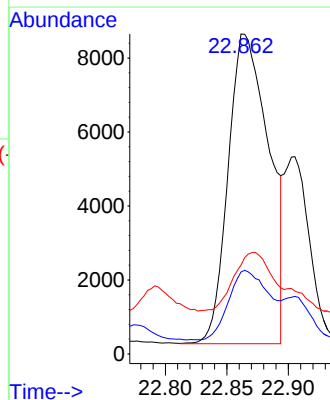
Tgt Ion:228 Resp: 16424
Ion Ratio Lower Upper
228 100
226 31.5 24.6 37.0
229 23.4 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul m
RT: 22.862 min Scan# 4653
Delta R.T. -0.033 min
Lab File: BN015139.D
Acq: 27 Jun 2021 05:34



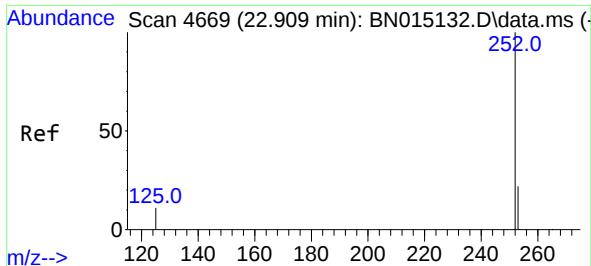
Tgt Ion:252 Resp: 19276
Ion Ratio Lower Upper
252 100
253 25.6 0.0 45.6
125 27.7 0.0 28.4



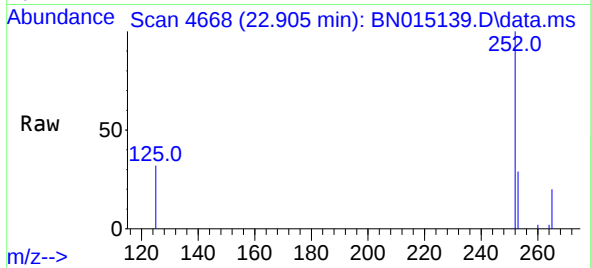
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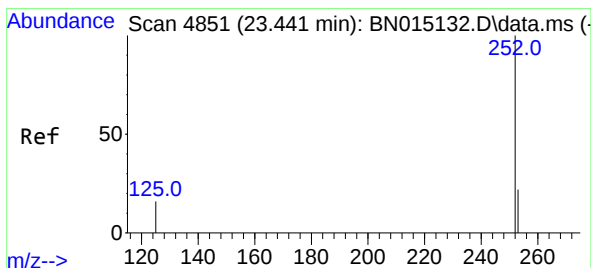
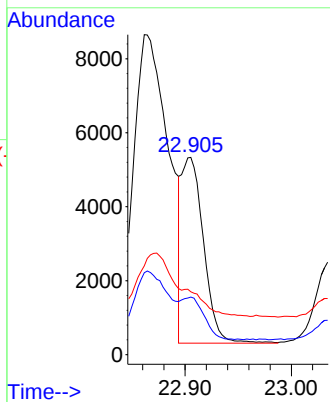
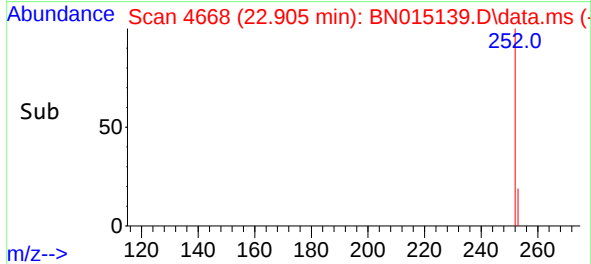
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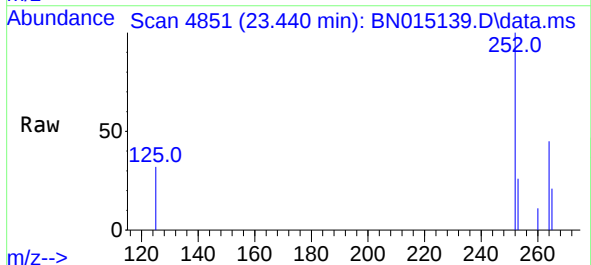
#25
Benzo(k)fluoranthene
Concen: 0.108 ng/ul m
RT: 22.905 min Scan# 4668
Delta R.T. -0.033 min
Lab File: BN015139.D
Acq: 27 Jun 2021 05:34



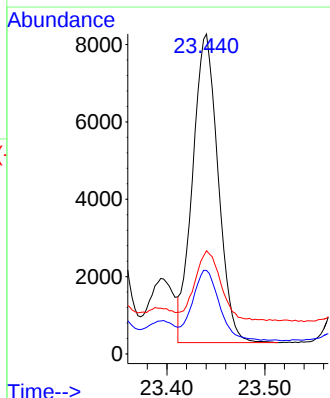
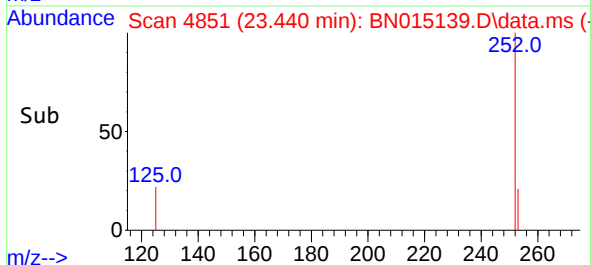
Tgt Ion:252 Resp: 7250
Ion Ratio Lower Upper
252 100
253 29.2 18.1 27.1#
125 31.9 11.5 17.3#



#26
Benzo(a)pyrene
Concen: 0.289 ng/ul
RT: 23.440 min Scan# 4851
Delta R.T. -0.030 min
Lab File: BN015139.D
Acq: 27 Jun 2021 05:34



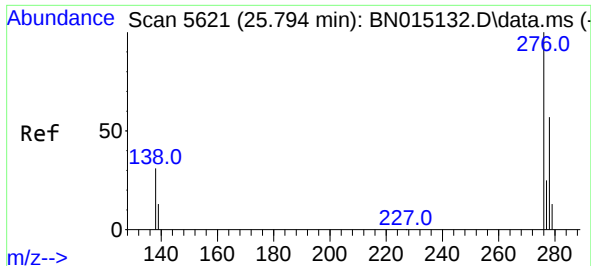
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Ion Ratio Lower Upper
252 100
253 26.1 18.9 28.3
125 32.3 13.5 20.3#



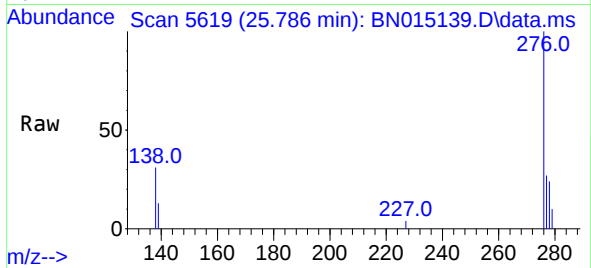
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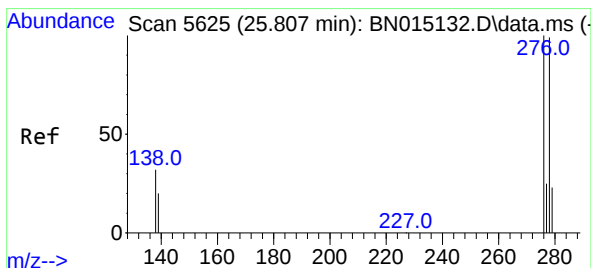
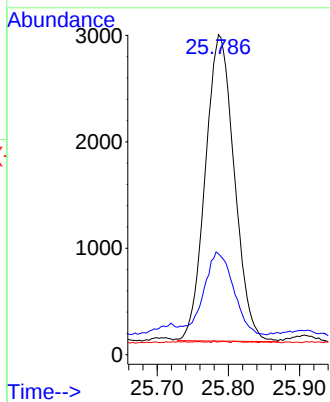
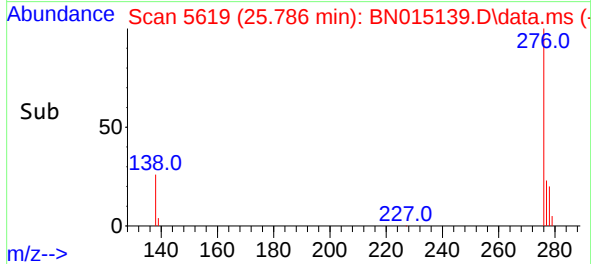
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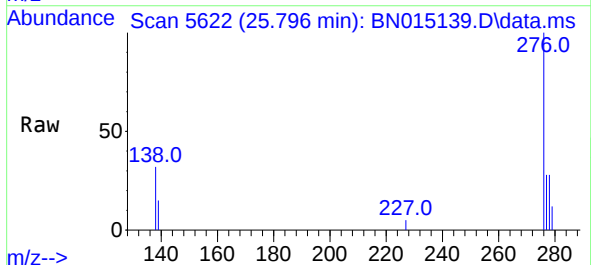
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.135 ng/ul
RT: 25.786 min Scan# 5619
Delta R.T. -0.055 min
Lab File: BN015139.D
Acq: 27 Jun 2021 05:34



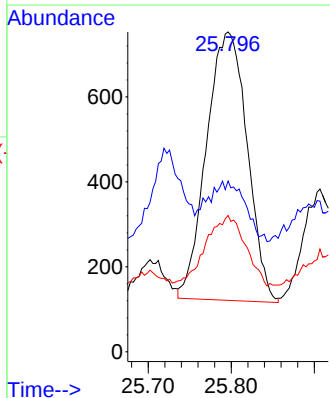
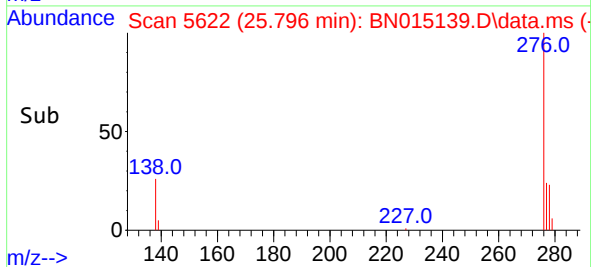
Tgt Ion: 276 Resp: 8128
Ion Ratio Lower Upper
276 100
138 27.2 26.3 39.5
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 25.796 min Scan# 5622
Delta R.T. -0.065 min
Lab File: BN015139.D
Acq: 27 Jun 2021 05:34



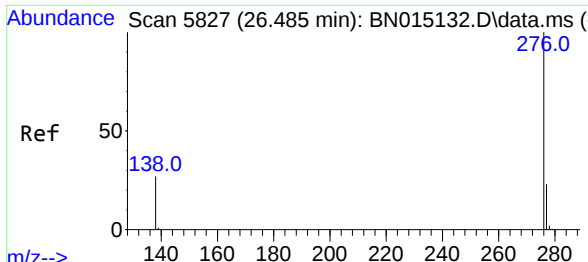
Tgt Ion: 278 Resp: 2154
Ion Ratio Lower Upper
278 100
139 53.4 18.9 28.3#
279 42.6 20.8 31.2#



Instrument :
BNA_N
ClientSampled :
BGD37

Manual Integrations
APPROVED

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#29
 Benzo(g,h,i)perylene
 Concen: 0.112 ng/ul
 RT: 26.480 min Scan# 5826
 Delta R.T. -0.044 min
 Lab File: BN015139.D
 Acq: 27 Jun 2021 05:34

Tgt Ion:	276	Resp:	6211
Ion	Ratio	Lower	Upper
276	100		
138	34.5	23.0	34.4#
277	28.1	19.3	28.9

Instrument :
 BNA_N
 ClientSampleId :
 BGD37

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