

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015549.D
 Acq On : 14 Jul 2021 04:07
 Operator : CG/JU
 Sample : M2869-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDx7

Manual Integrations
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Quant Time: Jul 14 05:42:52 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 05:24:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	3057	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	10837	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	5971	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	11701m	0.400	ng/ul	0.00
17) Chrysene-d12	21.384	240	9503	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	9073	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	13789	4.002	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	4537	0.267	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	9219	0.295	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	791	0.023	ng/ul#	77
10) Acenaphthylene	14.159	152	1061	0.034	ng/ul#	67
11) Acenaphthene	14.506	153	37054	1.566	ng/ul	98
12) Fluorene	15.492	166	2189	0.084	ng/ul#	97
15) Phenanthrene	17.234	178	42147	0.992	ng/ul	100
16) Anthracene	17.322	178	7644	0.204	ng/ul	99
19) Fluoranthene	19.253	202	19704	0.449	ng/ul	98
20) Pyrene	19.615	202	14969	0.340	ng/ul	96
21) Benzo(a)anthracene	21.369	228	6324	0.180	ng/ul	93
22) Chrysene	21.422	228	4789	0.114	ng/ul	97
24) Benzo(b)fluoranthene	23.029	252	5524m	0.130	ng/ul	
25) Benzo(k)fluoranthene	23.070	252	2283m	0.048	ng/ul	
26) Benzo(a)pyrene	23.637	252	4236	0.119	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.159	276	2278	0.053	ng/ul#	98
29) Benzo(g,h,i)perylene	26.900	276	1911	0.048	ng/ul#	85

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

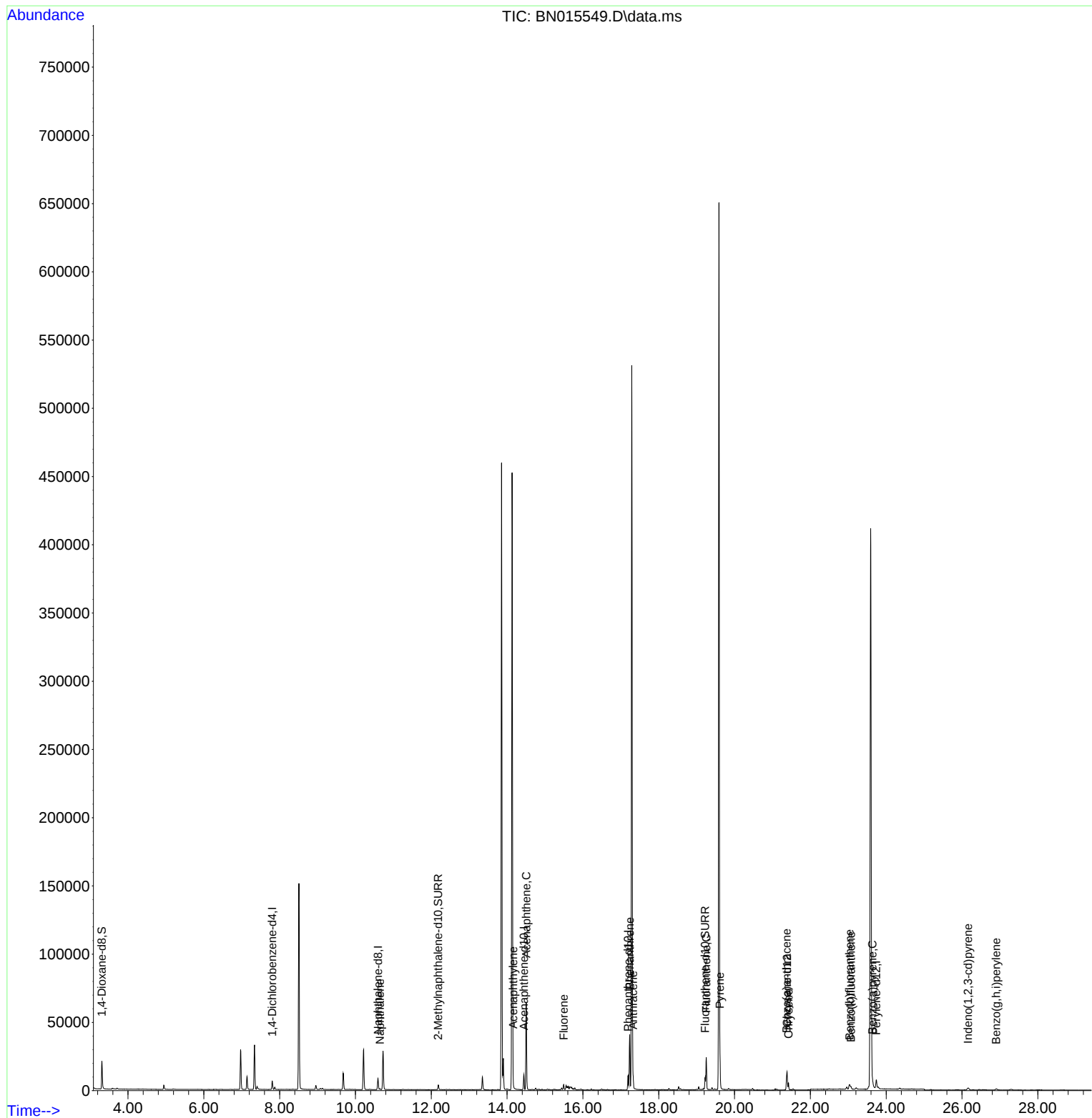
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015549.D
Acq On : 14 Jul 2021 04:07
Operator : CG/JU
Sample : M2869-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

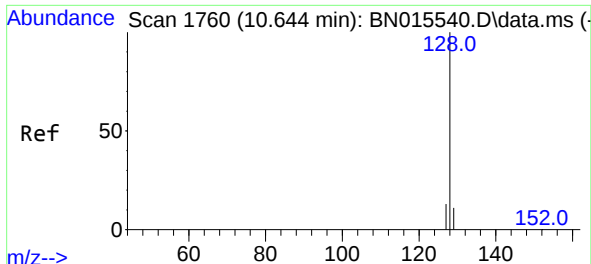
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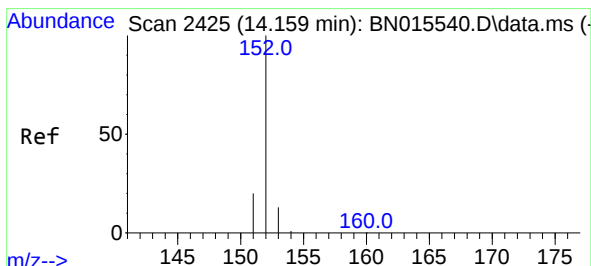
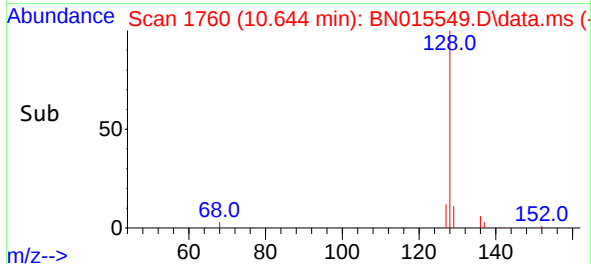
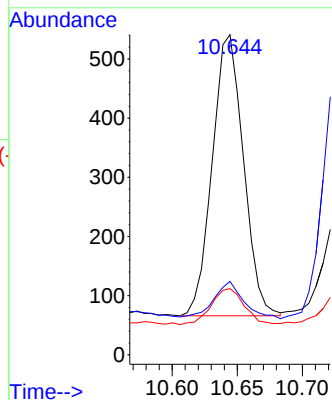
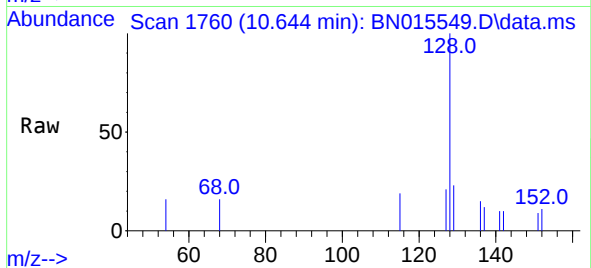
#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 14 Jul 2021 04:07

Tgt Ion:	128	Resp:	791
Ion Ratio	Lower	Upper	
128	100		
129	22.9	9.3	13.9#
127	20.7	10.8	16.2#

Instrument :
BNA_N
ClientSampled :
BGDX7

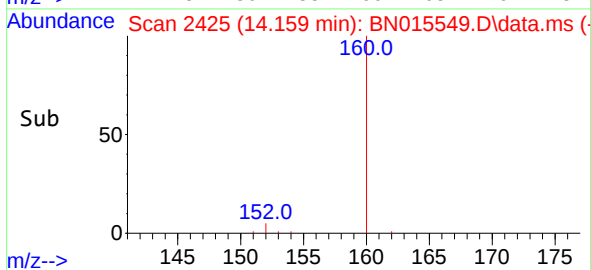
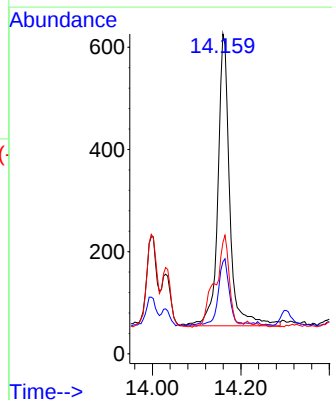
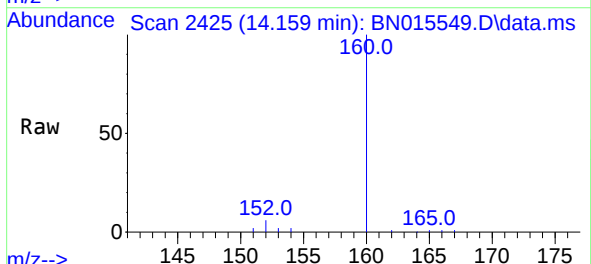
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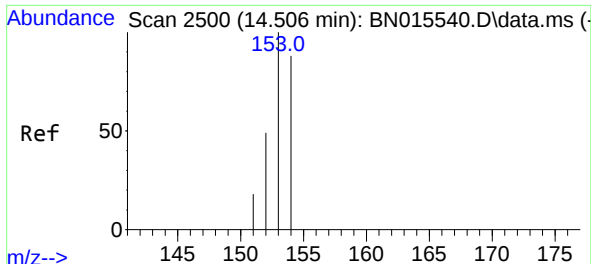
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#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.159 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 14 Jul 2021 04:07

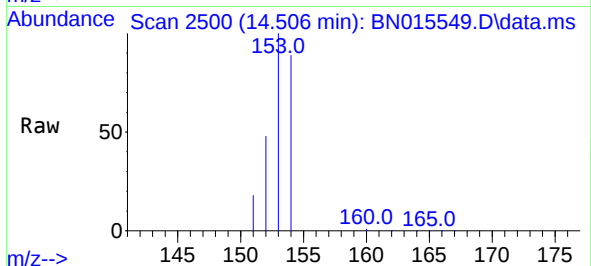
Tgt Ion:	152	Resp:	1061
Ion Ratio	Lower	Upper	
152	100		
151	28.8	16.0	24.0#
153	34.8	10.9	16.3#



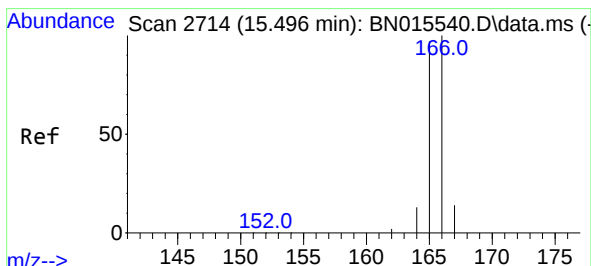
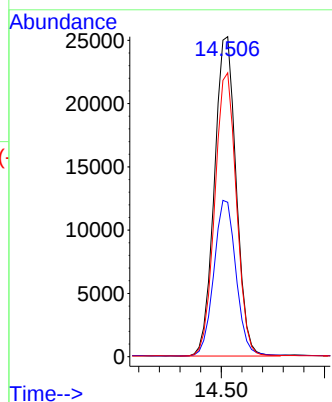
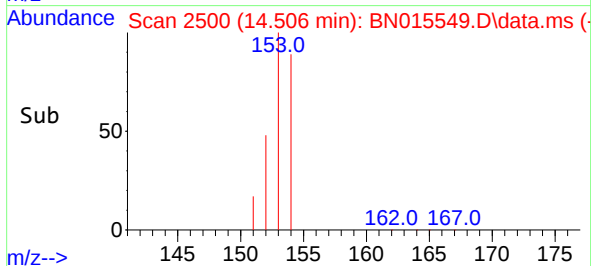


#11
Acenaphthene
Concen: 1.566 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 14 Jul 2021 04:07

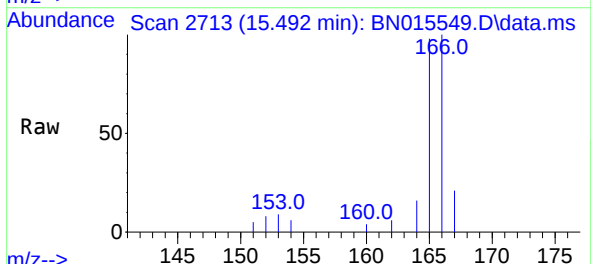
Instrument :
BNA_N
ClientSampleId :
BGDX7



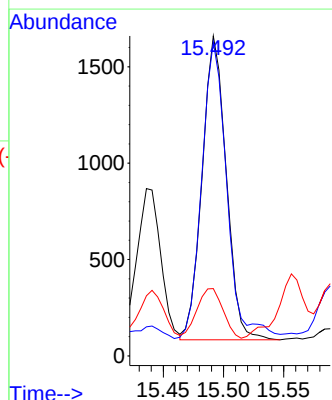
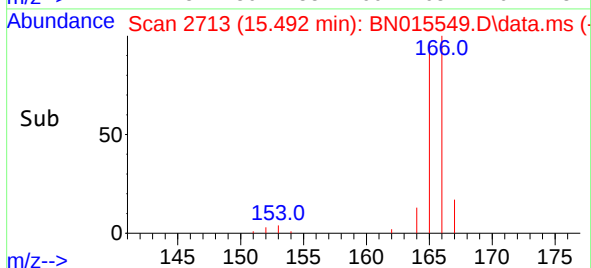
Tgt Ion:153 Resp: 37054
Ion Ratio Lower Upper
153 100
152 48.2 39.8 59.6
154 88.7 69.8 104.8

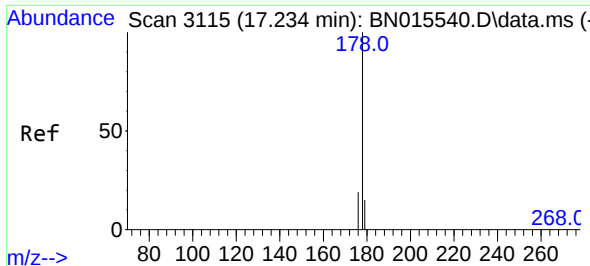


#12
Fluorene
Concen: 0.084 ng/ul
RT: 15.492 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN015549.D
Acq: 14 Jul 2021 04:07



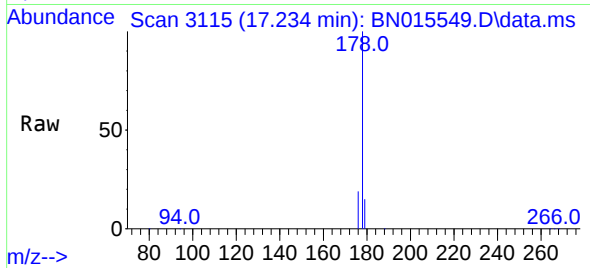
Tgt Ion:166 Resp: 2189
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.8
167 21.0 11.2 16.8#





#15
Phenanthrene
Concen: 0.992 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 14 Jul 2021 04:07

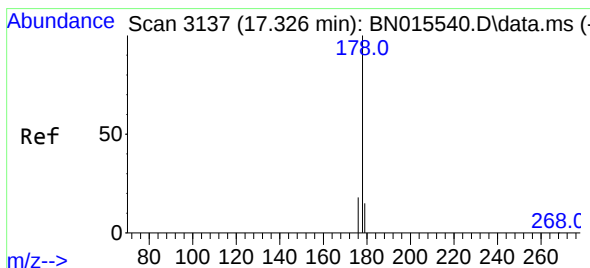
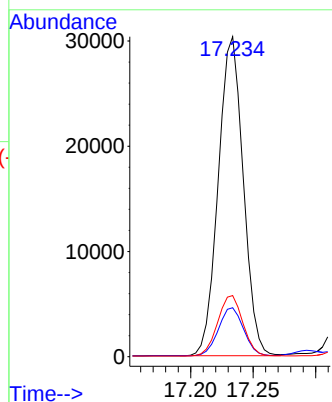
Instrument :
BNA_N
ClientSampleId :
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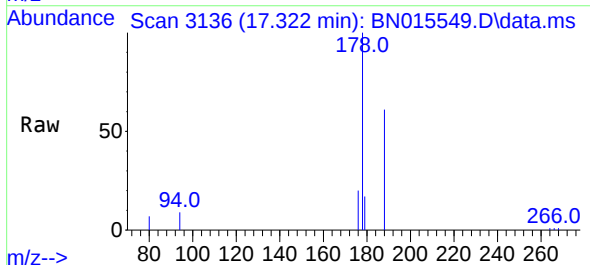
Tgt Ion:178 Resp: 42147
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.1 15.5 23.3

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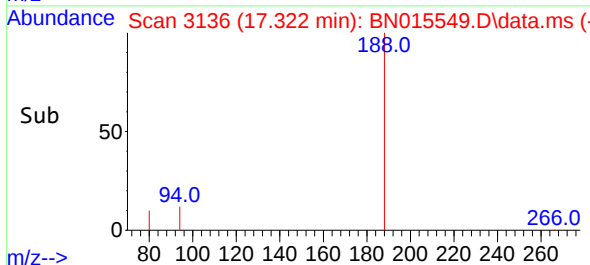
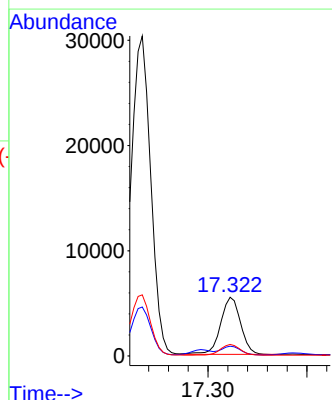
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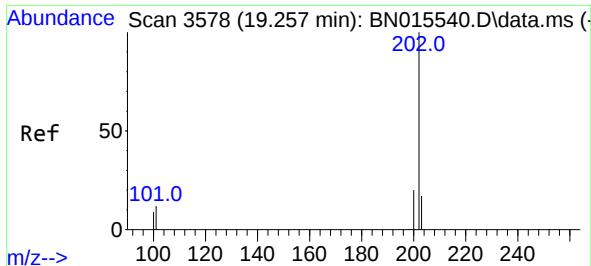


#16
Anthracene
Concen: 0.204 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN015549.D
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Tgt Ion:178 Resp: 7644
Ion Ratio Lower Upper
178 100
179 16.5 12.8 19.2
176 19.7 15.2 22.8





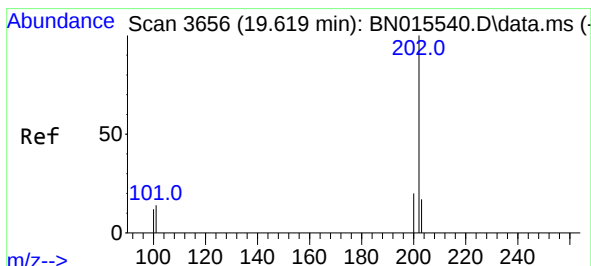
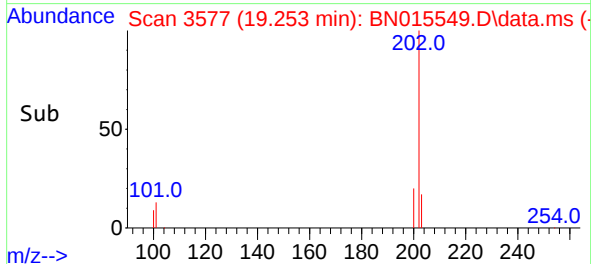
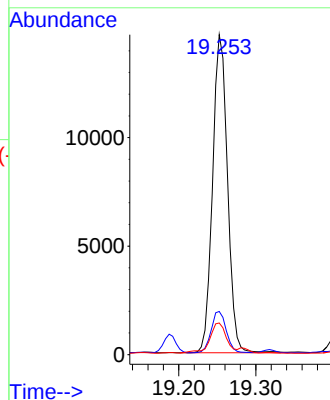
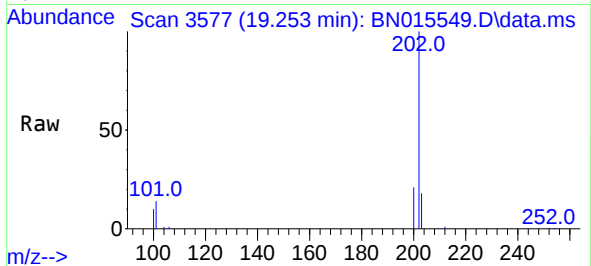
#19
Fluoranthene
Concen: 0.449 ng/u1
RT: 19.253 min Scan# 3577
Delta R.T. -0.005 min
Lab File: BN015549.D
Acq: 14 Jul 2021 04:07

Tgt Ion:	202	Resp:	19704
Ion Ratio	Lower	Upper	
202	100		
101	13.5	10.1	15.1
100	9.9	7.4	11.0

Instrument :
BNA_N
ClientSampleId :
BGDX7

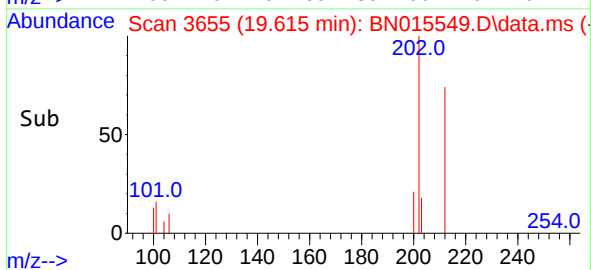
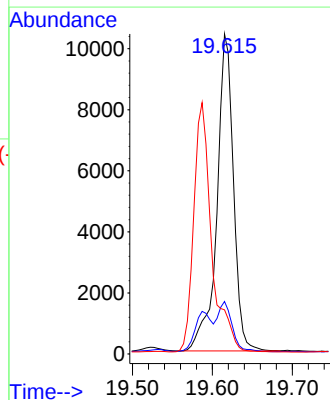
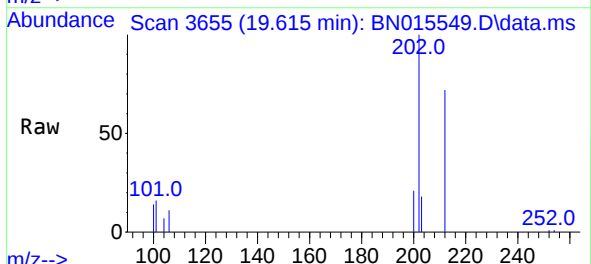
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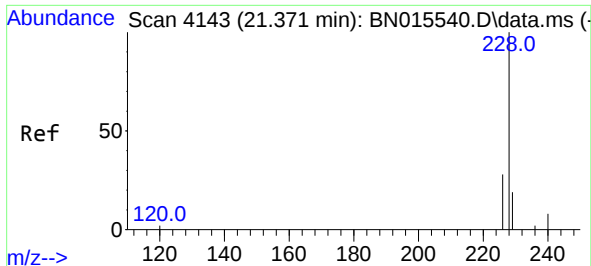
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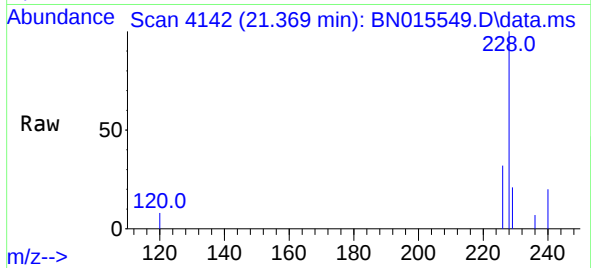
#20
Pyrene
Concen: 0.340 ng/u1
RT: 19.615 min Scan# 3655
Delta R.T. -0.005 min
Lab File: BN015549.D
Acq: 14 Jul 2021 04:07

Tgt Ion:	202	Resp:	14969
Ion Ratio	Lower	Upper	
202	100		
101	16.4	12.0	18.0
100	13.8	9.6	14.4

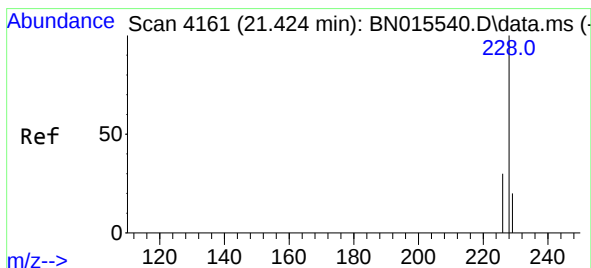
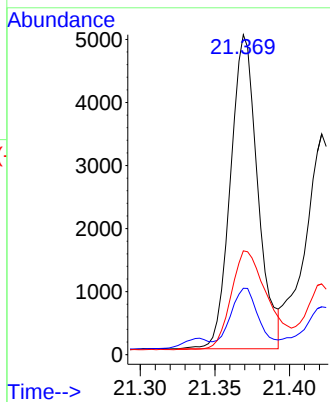
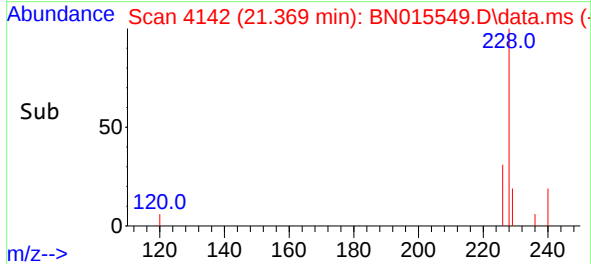




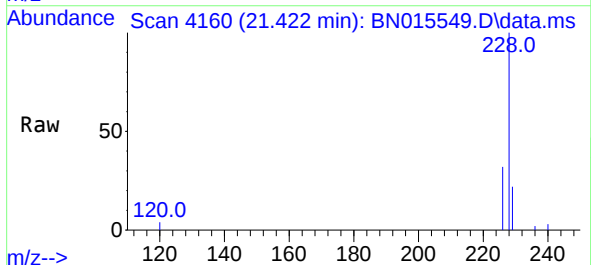
#21
Benzo(a)anthracene
Concen: 0.180 ng/ul
RT: 21.369 min Scan# 4142
Delta R.T. -0.006 min
Lab File: BN015549.D
Acq: 14 Jul 2021 04:07



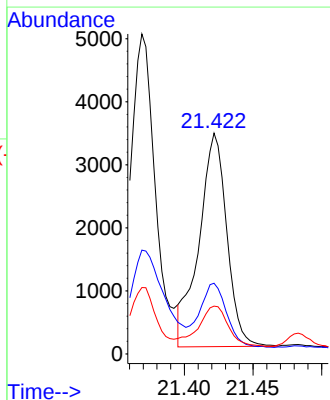
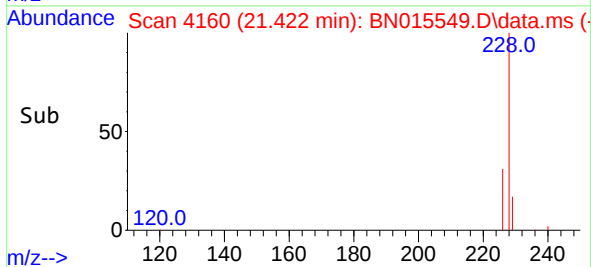
Tgt Ion:228 Resp: 6324
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.8
226 32.4 21.8 32.8



#22
Chrysene
Concen: 0.114 ng/ul
RT: 21.422 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BN015549.D
Acq: 14 Jul 2021 04:07



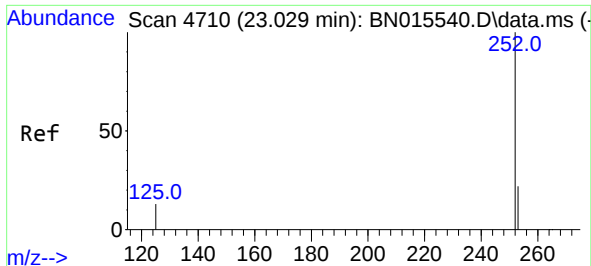
Tgt Ion:228 Resp: 4789
Ion Ratio Lower Upper
228 100
226 32.0 24.6 37.0
229 21.7 15.7 23.5



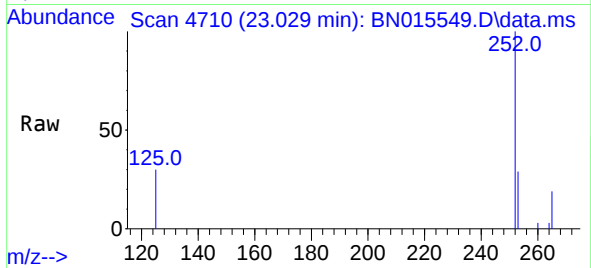
Instrument :
BNA_N
ClientSampled :
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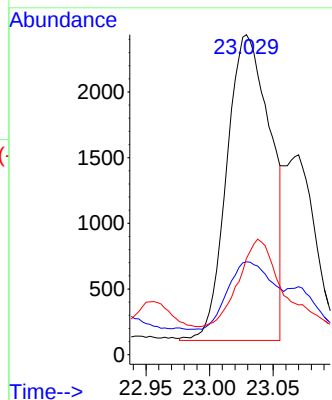
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#24
Benzo(b)fluoranthene
Concen: 0.130 ng/ul m
RT: 23.029 min Scan# 4710
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 14 Jul 2021 04:07



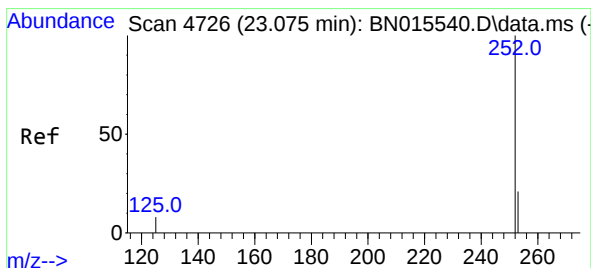
Tgt Ion:252 Resp: 5524
Ion Ratio Lower Upper
252 100
253 29.0 0.0 45.6
125 30.1 0.0 28.4#



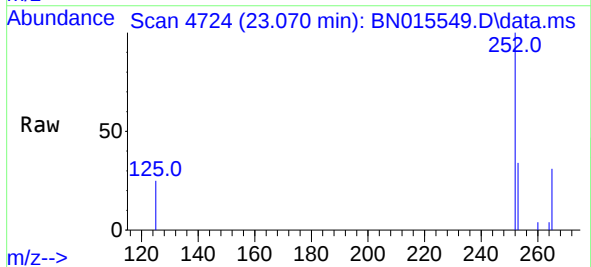
Instrument :
BNA_N
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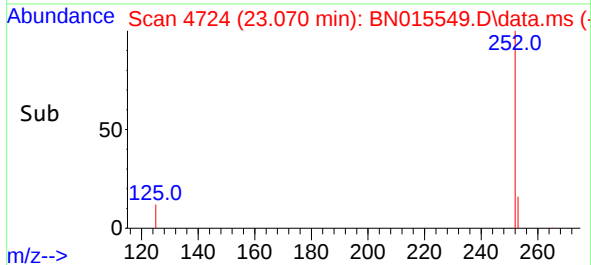
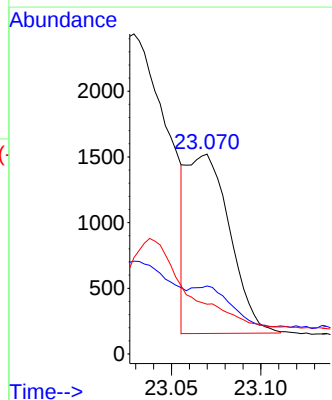
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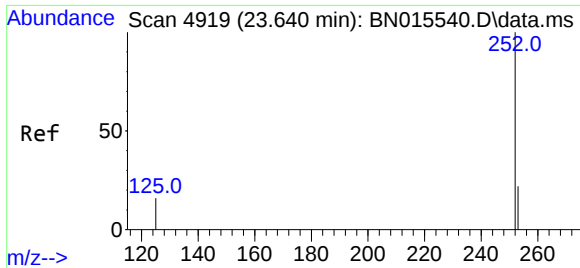


#25
Benzo(k)fluoranthene
Concen: 0.048 ng/ul m
RT: 23.070 min Scan# 4724
Delta R.T. -0.009 min
Lab File: BN015549.D
Acq: 14 Jul 2021 04:07



Tgt Ion:252 Resp: 2283
Ion Ratio Lower Upper
252 100
253 34.1 18.1 27.1#
125 24.9 11.5 17.3#





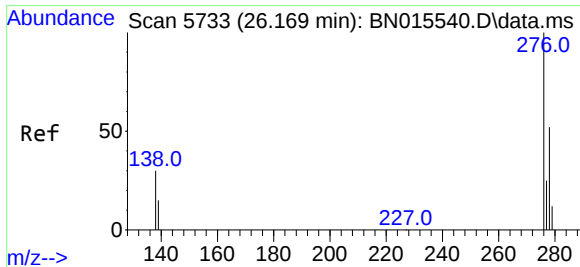
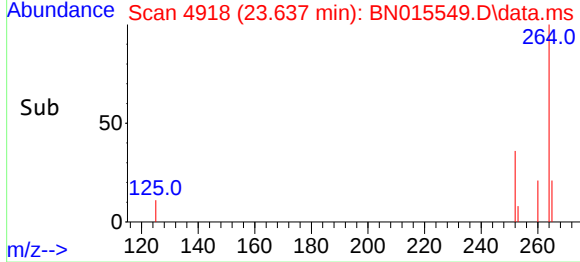
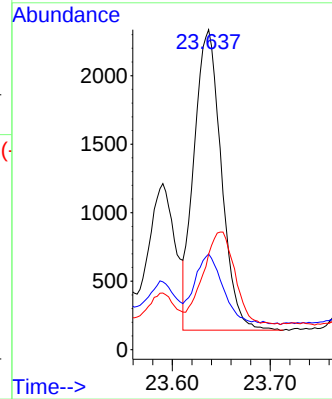
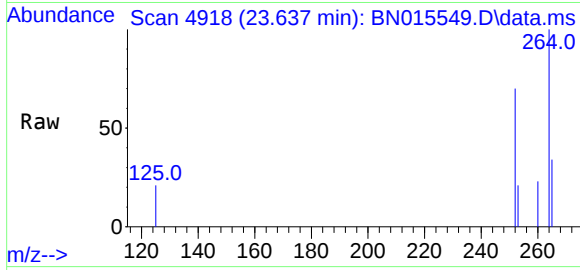
#26
Benzo(a)pyrene
Concen: 0.119 ng/ul
RT: 23.637 min Scan# 4918
Delta R.T. -0.003 min
Lab File: BN015549.D
Acq: 14 Jul 2021 04:07

Tgt Ion:	252	Resp:	4236
Ion Ratio	Lower	Upper	
252	100		
253	29.9	18.9	28.3#
125	29.8	13.5	20.3#

Instrument :
BNA_N
ClientSampleId :
BGDX7

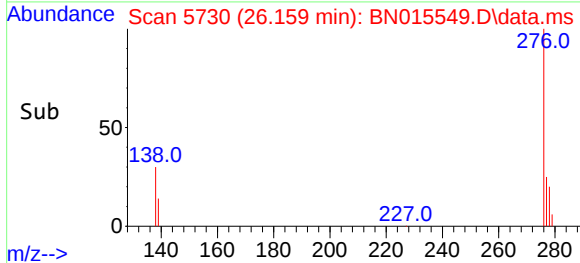
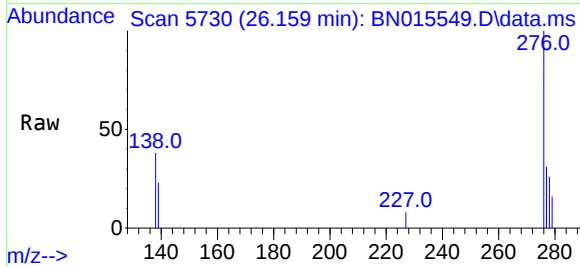
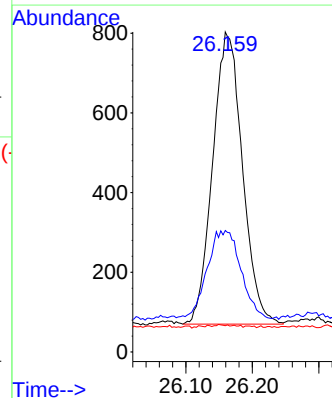
Manual Integrations
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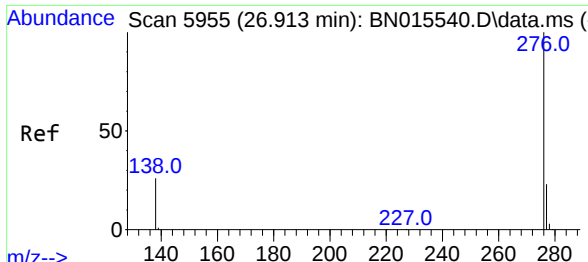
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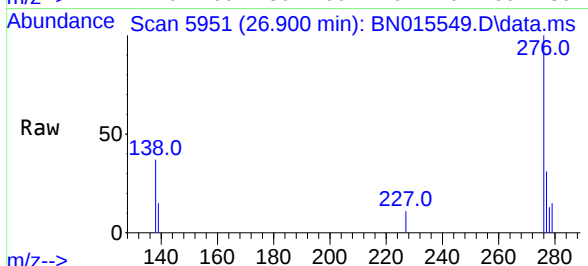
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.053 ng/ul
RT: 26.159 min Scan# 5730
Delta R.T. -0.010 min
Lab File: BN015549.D
Acq: 14 Jul 2021 04:07

Tgt Ion:	276	Resp:	2278
Ion Ratio	Lower	Upper	
276	100		
138	33.8	26.3	39.5
227	0.5	0.1	0.1#

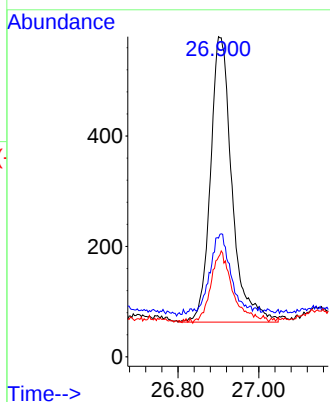
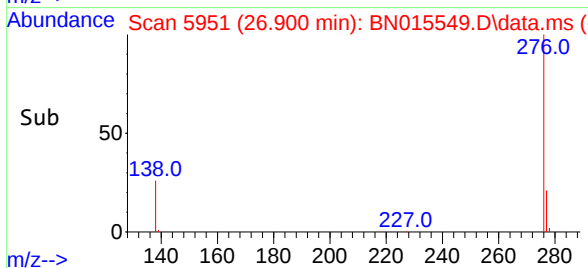




#29
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 26.900 min Scan# 5951
Delta R.T. -0.010 min
Lab File: BN015549.D
Acq: 14 Jul 2021 04:07



Tgt Ion: 276 Resp: 1911
Ion Ratio Lower Upper
276 100
138 37.1 23.0 34.4#
277 31.2 19.3 28.9#



Instrument :
BNA_N
ClientSampleId :
BGDX7

Manual Integrations
APPROVED

mohammad
7/14/2021 12:15:14 PM