

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015498.D
 Acq On : 12 Jul 2021 20:11
 Operator : CG/JU
 Sample : M2808-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD7

Manual Integrations
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Quant Time: Jul 13 04:57:16 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 : Mon Jul 12 11:02:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	6675	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	22742	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	11676	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	23113	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	18037	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	17609	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	4687	0.623	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2249	0.063	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	4711	0.079	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	7949	0.110	ng/ul	99
10) Acenaphthylene	14.164	152	18349	0.304	ng/ul	100
11) Acenaphthene	14.506	153	1217	0.026	ng/ul	96
12) Fluorene	15.496	166	4775	0.093	ng/ul	97
15) Phenanthrene	17.234	178	111025	1.324	ng/ul	100
16) Anthracene	17.322	178	67078	0.907	ng/ul	99
19) Fluoranthene	19.257	202	665982	7.991	ng/ul	99
20) Pyrene	19.619	202	569525	6.813	ng/ul	100
21) Benzo(a)anthracene	21.371	228	345066	5.164	ng/ul	95
22) Chrysene	21.424	228	293120	3.665	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	353393m	4.296	ng/ul	
25) Benzo(k)fluoranthene	23.069	252	123163m	1.326	ng/ul	
26) Benzo(a)pyrene	23.634	252	238299	3.449	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.162	276	140399	1.682	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.172	278	37349	0.571	ng/ul	99
29) Benzo(g,h,i)perylene	26.907	276	17648	0.228	ng/ul	95

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

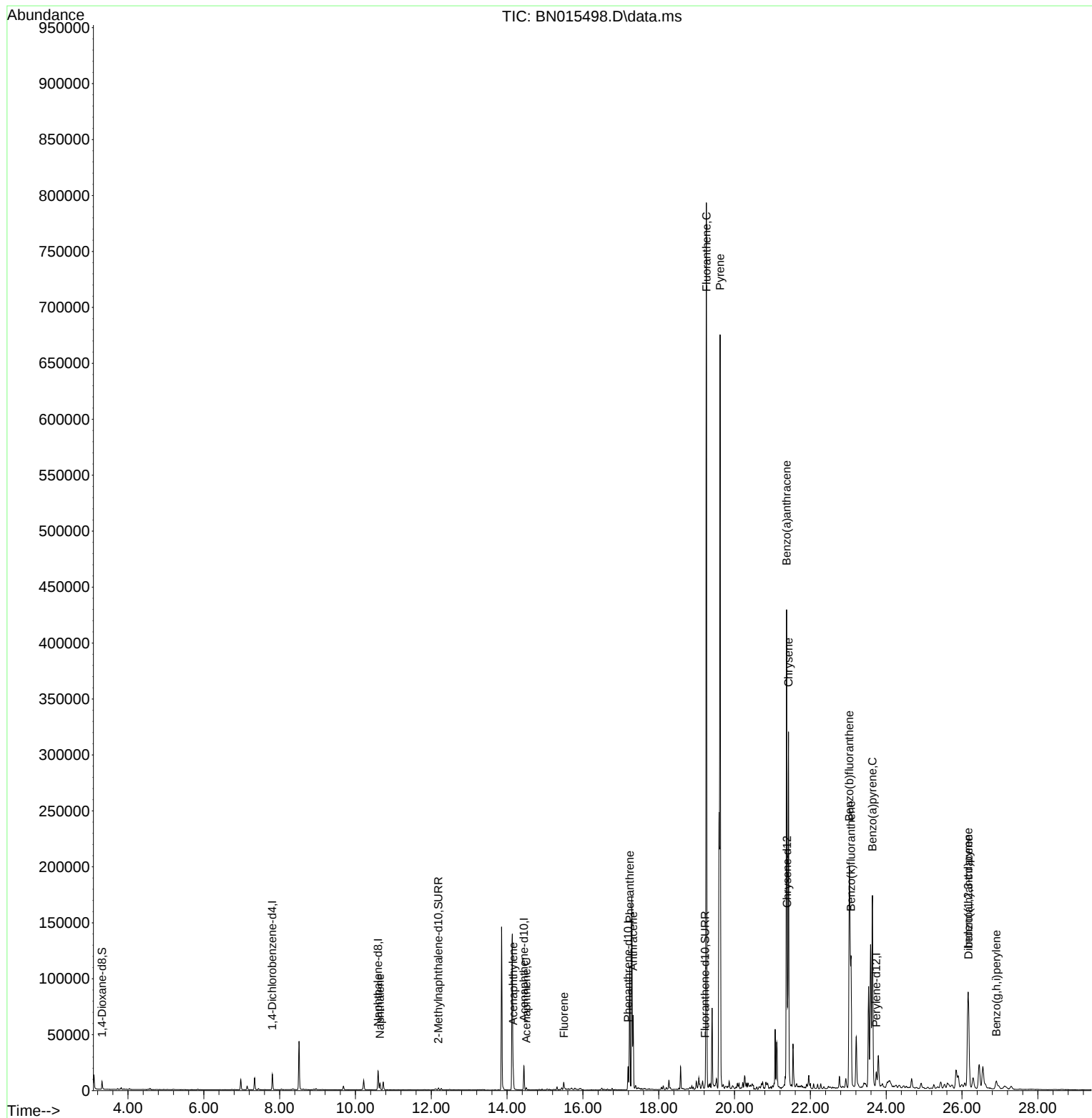
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Data File : BN015498.D
Acq On : 12 Jul 2021 20:11
Operator : CG/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

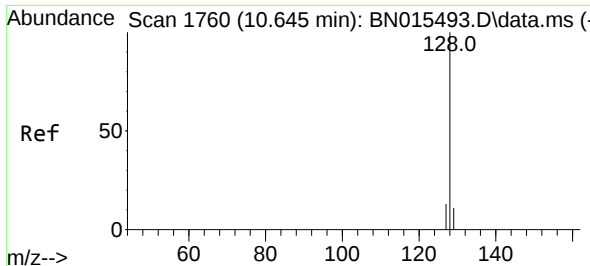
Instrument :
BNA_N
ClientSampleId :
BGDP7

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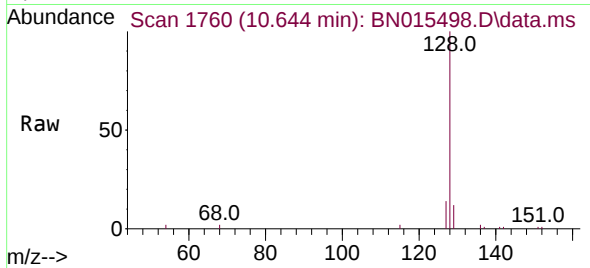
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 11:02:52 2021
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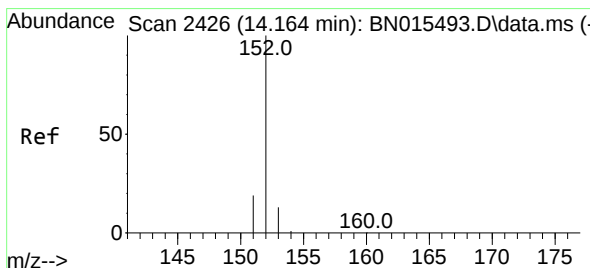
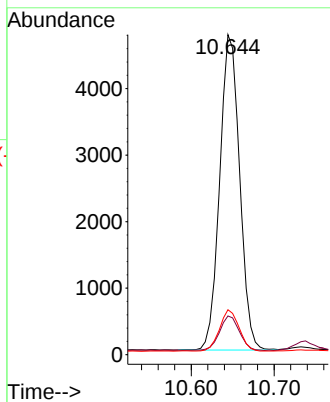
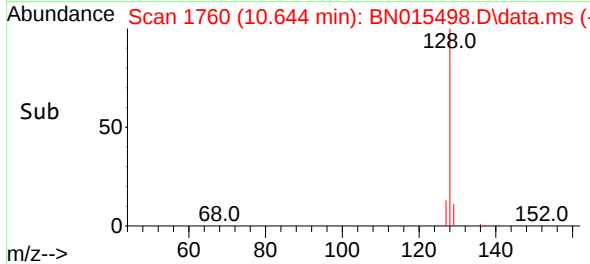




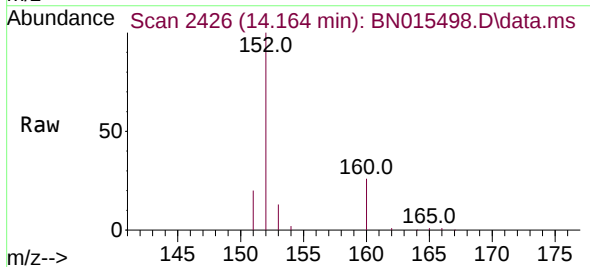
#5
Naphthalene
Concen: 0.110 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11



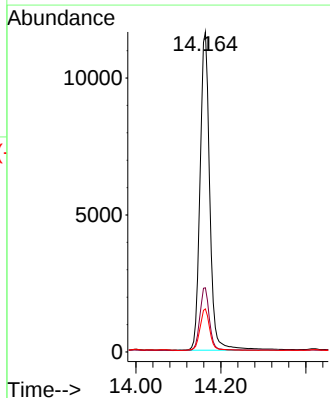
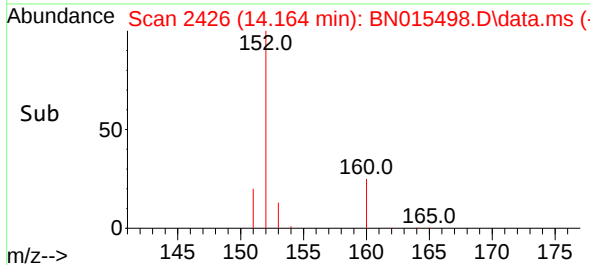
Tgt Ion:	128	Resp:	7949
Ion Ratio	Lower	Upper	
128	100		
129	12.1	9.3	13.9
127	14.1	10.8	16.2



#10
Acenaphthylene
Concen: 0.304 ng/ul
RT: 14.164 min Scan# 2426
Delta R.T. 0.004 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11



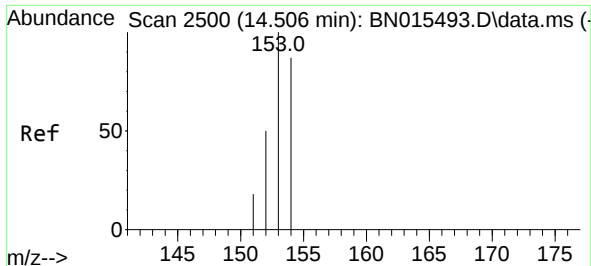
Tgt Ion:	152	Resp:	18349
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.0	24.0
153	13.4	10.9	16.3



Instrument :
BNA_N
ClientSampled :
BGDP7

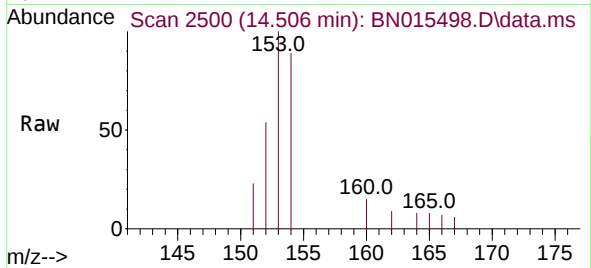
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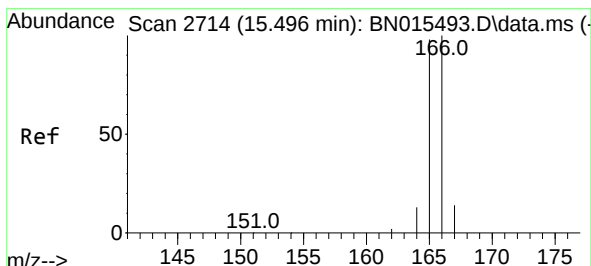
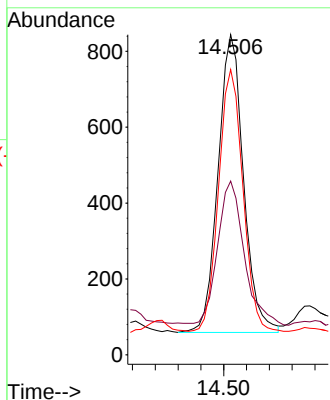
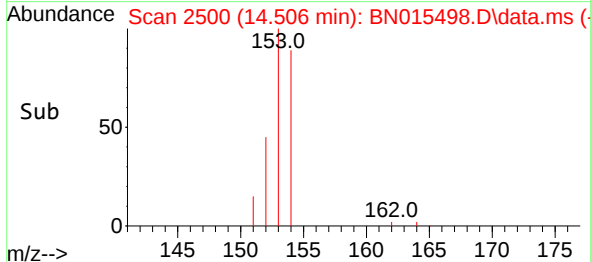


#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.506 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11

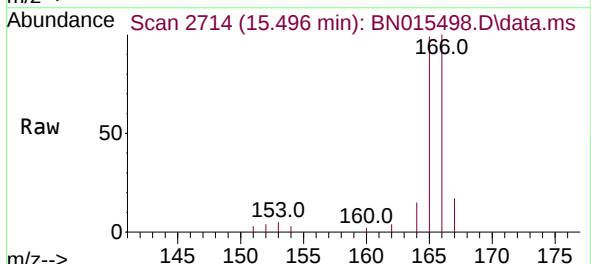
Instrument :
BNA_N
ClientSampled :
BGDP7



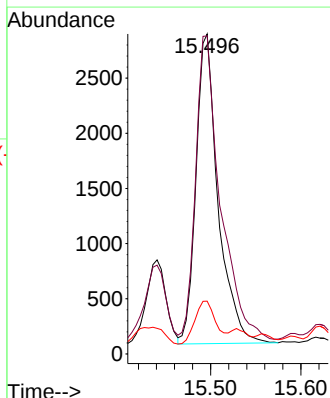
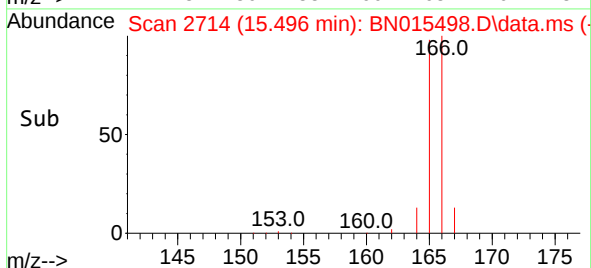
Tgt Ion:153 Resp: 1217
Ion Ratio Lower Upper
153 100
152 54.3 39.8 59.6
154 89.1 69.8 104.8

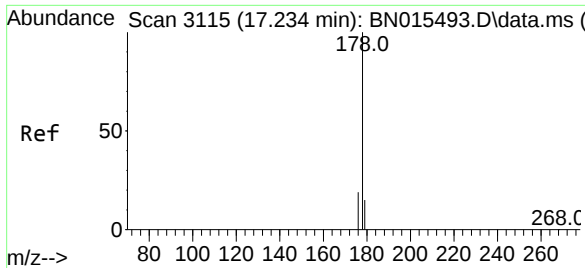


#12
Fluorene
Concen: 0.093 ng/u1
RT: 15.496 min Scan# 2714
Delta R.T. -0.000 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11



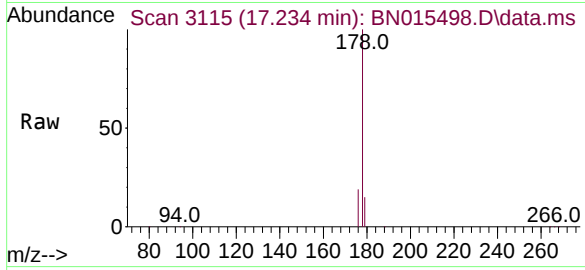
Tgt Ion:166 Resp: 4775
Ion Ratio Lower Upper
166 100
165 99.4 77.8 116.8
167 16.5 11.2 16.8





#15
Phenanthrene
Concen: 1.324 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11

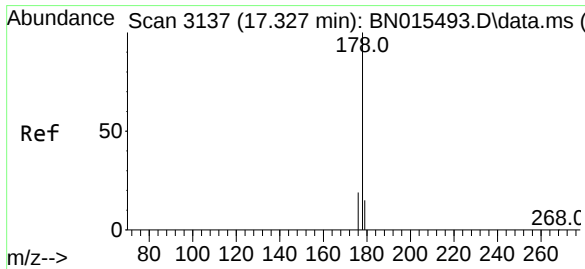
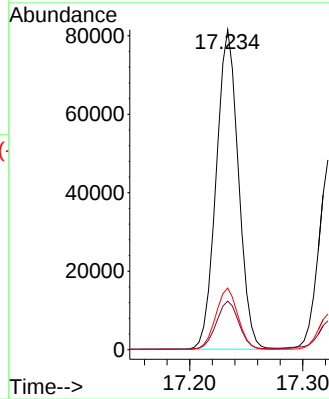
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BNA_N
ClientSampled :
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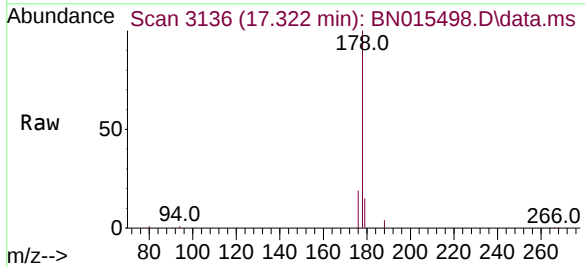
Tgt Ion:178 Resp: 111025
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.2 15.5 23.3

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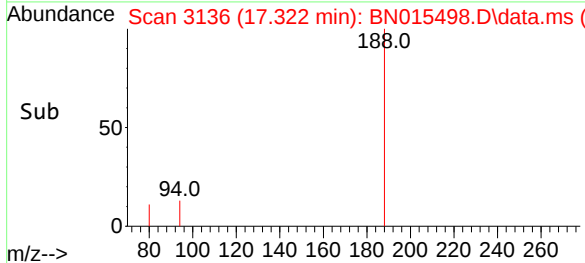
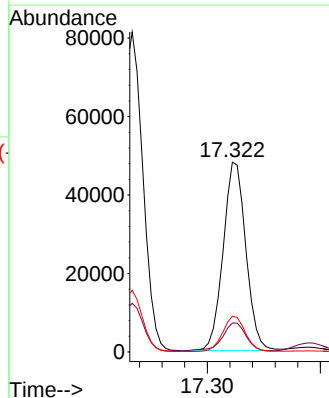
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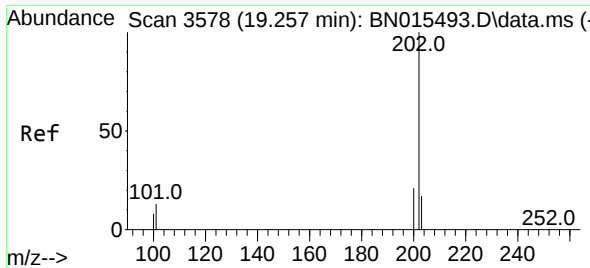


#16
Anthracene
Concen: 0.907 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11



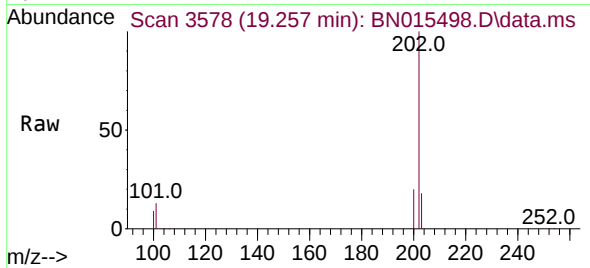
Tgt Ion:178 Resp: 67078
Ion Ratio Lower Upper
178 100
179 15.3 12.8 19.2
176 18.8 15.2 22.8





#19
Fluoranthene
Concen: 7.991 ng/ul
RT: 19.257 min Scan# 3578
Delta R.T. -0.001 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11

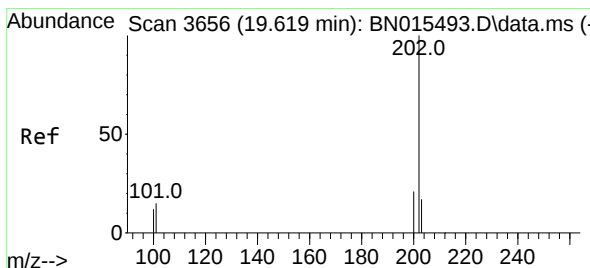
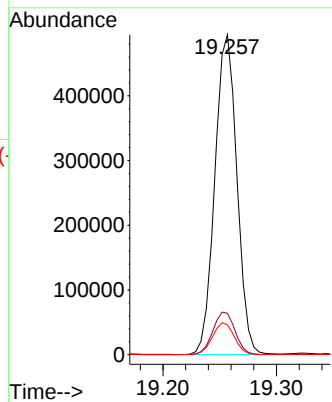
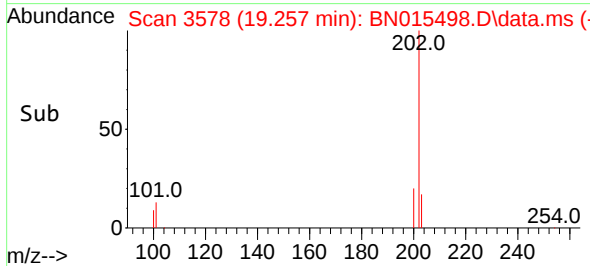
Instrument :
BNA_N
ClientSampleId :
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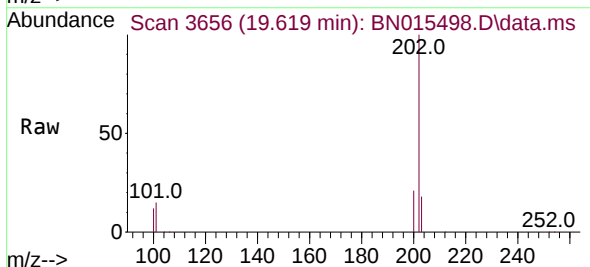
Tgt Ion:202 Resp: 665982
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 9.4 7.4 11.0

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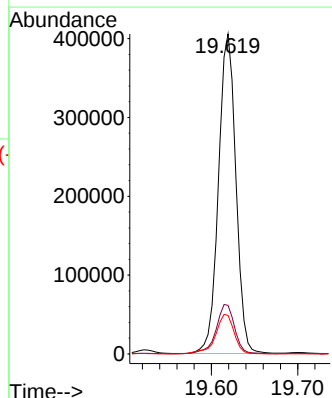
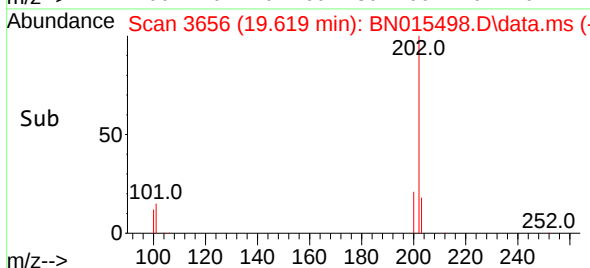
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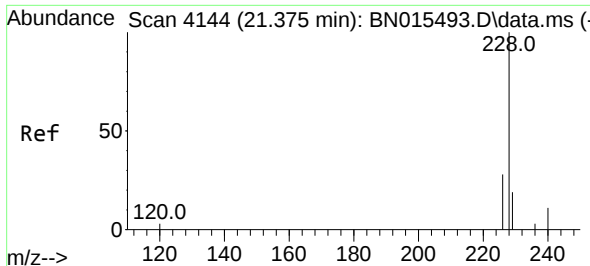


#20
Pyrene
Concen: 6.813 ng/ul
RT: 19.619 min Scan# 3656
Delta R.T. -0.001 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11

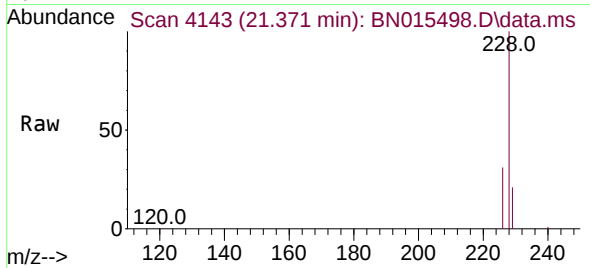


Tgt Ion:202 Resp: 569525
Ion Ratio Lower Upper
202 100
101 15.2 12.0 18.0
100 12.0 9.6 14.4

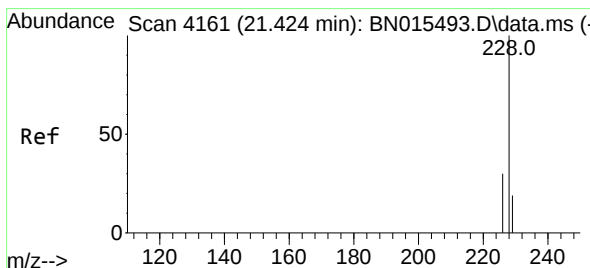
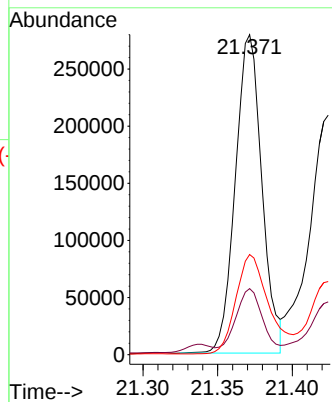
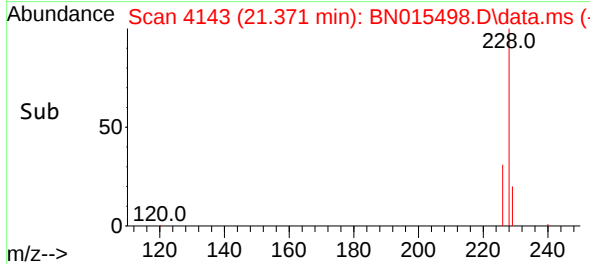




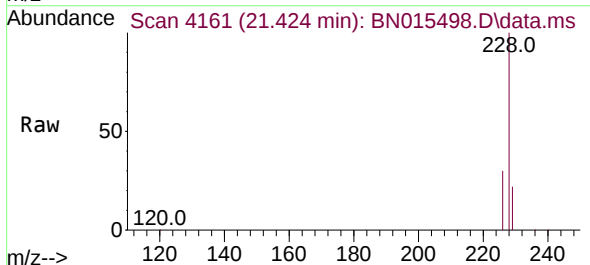
#21
Benzo(a)anthracene
Concen: 5.164 ng/ul
RT: 21.371 min Scan# 4143
Delta R.T. -0.004 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11



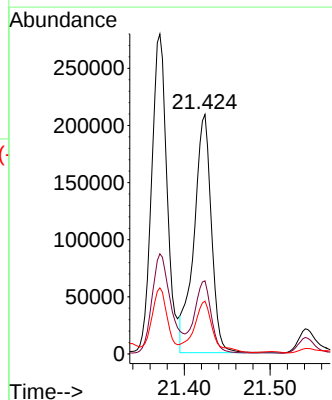
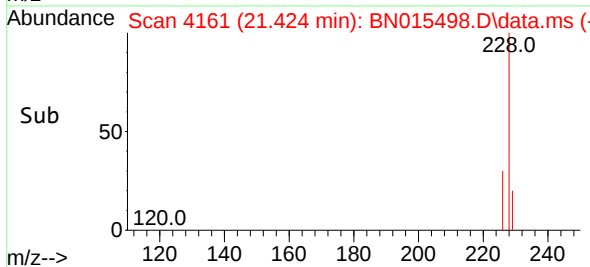
Tgt Ion:228 Resp: 345066
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 31.3 21.8 32.8



#22
Chrysene
Concen: 3.665 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. -0.004 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11



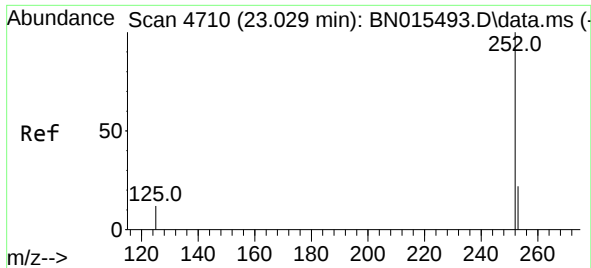
Tgt Ion:228 Resp: 293120
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 22.1 15.7 23.5



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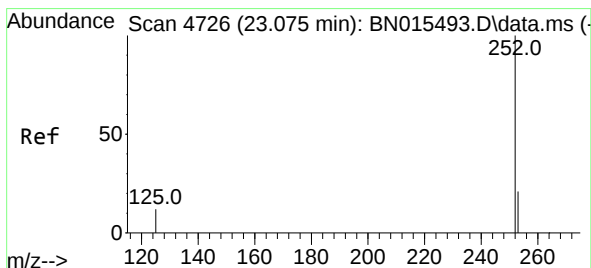
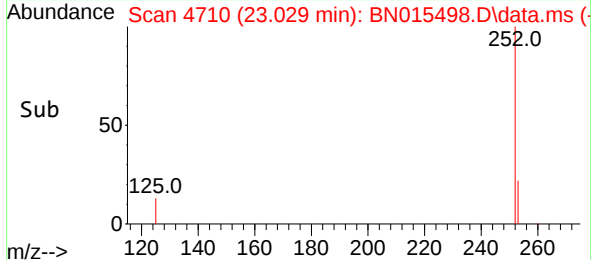
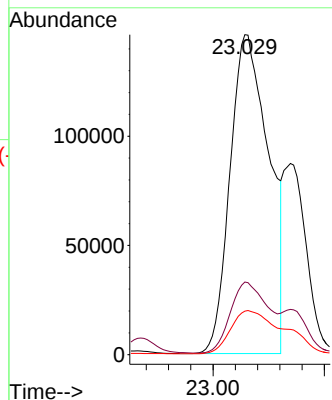
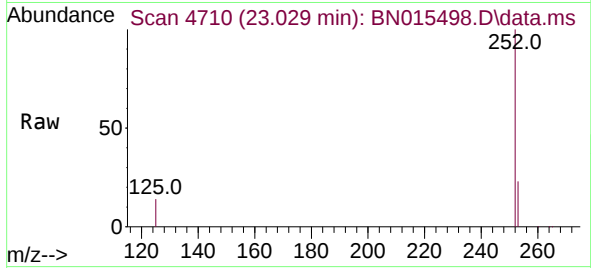
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Benzo(b)fluoranthene
Concen: 4.296 ng/ul m
RT: 23.029 min Scan# 4710
Delta R.T. -0.001 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11

Tgt Ion:252 Resp: 353393
Ion Ratio Lower Upper
252 100
253 22.7 0.0 45.6
125 13.6 0.0 28.4

Instrument :
BNA_N
ClientSampled :
BGDP7

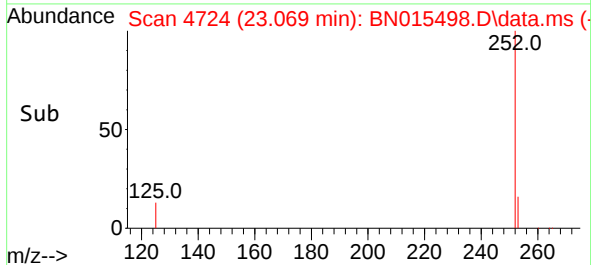
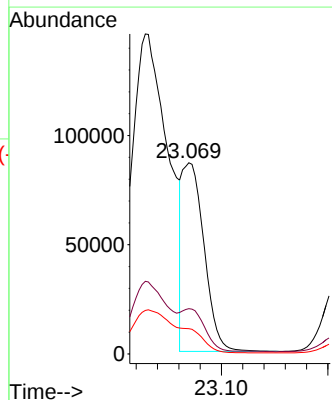
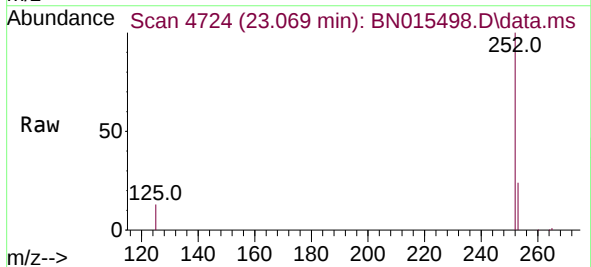
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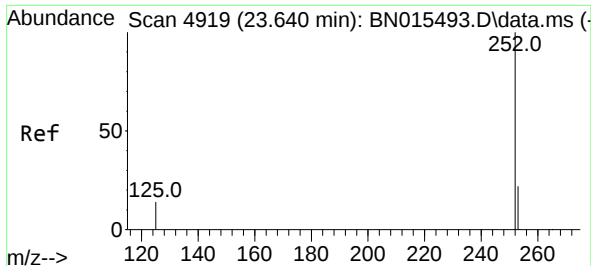
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#25
Benzo(k)fluoranthene
Concen: 1.326 ng/ul m
RT: 23.069 min Scan# 4724
Delta R.T. -0.009 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11

Tgt Ion:252 Resp: 123163
Ion Ratio Lower Upper
252 100
253 23.7 18.1 27.1
125 13.3 11.5 17.3





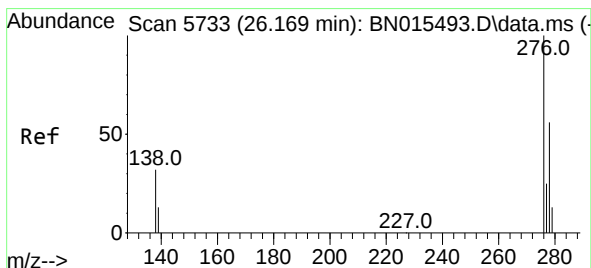
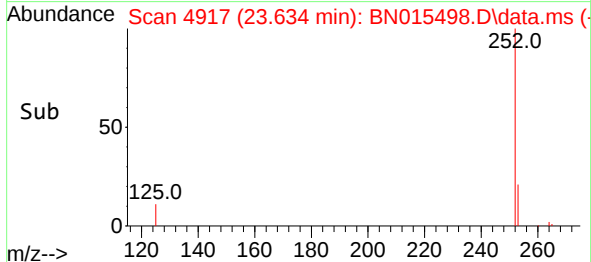
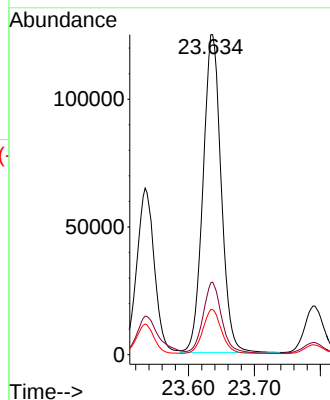
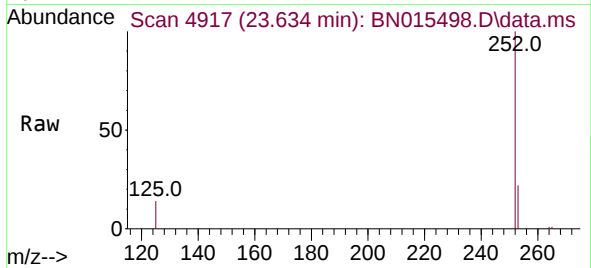
#26
Benzo(a)pyrene
Concen: 3.449 ng/ul
RT: 23.634 min Scan# 4917
Delta R.T. -0.006 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11

Tgt Ion:	252	Resp:	238299
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.9	28.3
125	14.1	13.5	20.3

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ClientSampled :
BGDP7

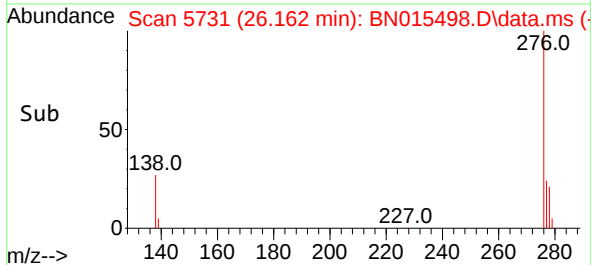
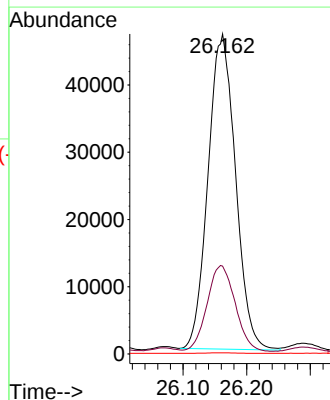
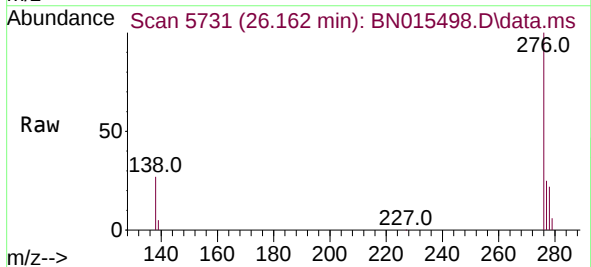
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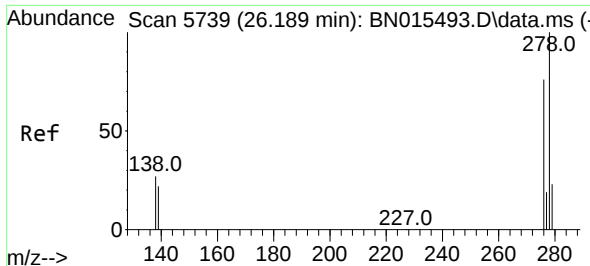
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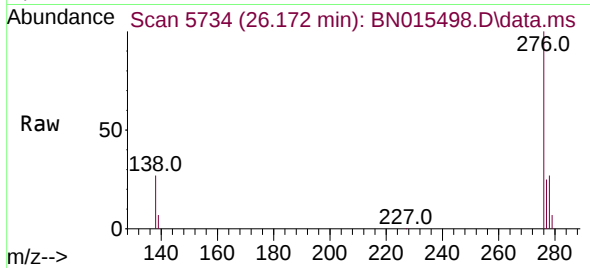
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.682 ng/ul
RT: 26.162 min Scan# 5731
Delta R.T. -0.007 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11

Tgt Ion:	276	Resp:	140399
Ion Ratio	Lower	Upper	
276	100		
138	27.9	26.3	39.5
227	0.2	0.1	0.1#

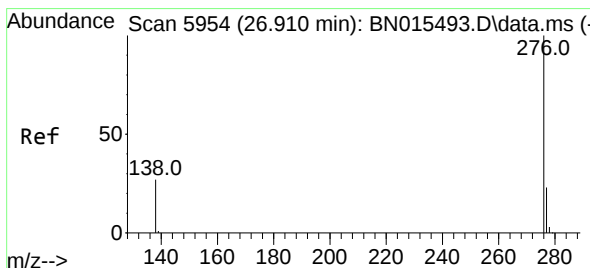
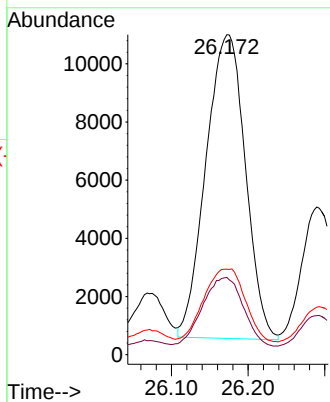
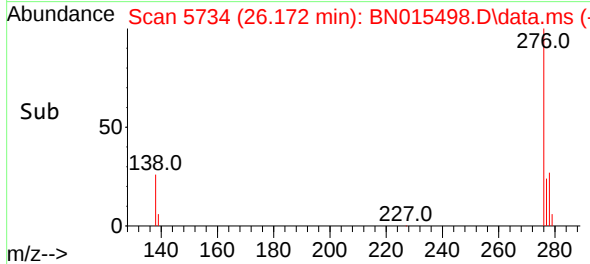




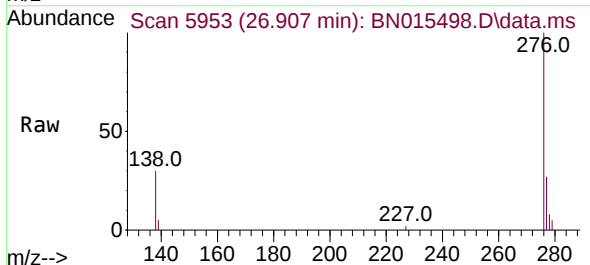
#28
Dibenzo(a,h)anthracene
Concen: 0.571 ng/ul
RT: 26.172 min Scan# 5734
Delta R.T. -0.017 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11



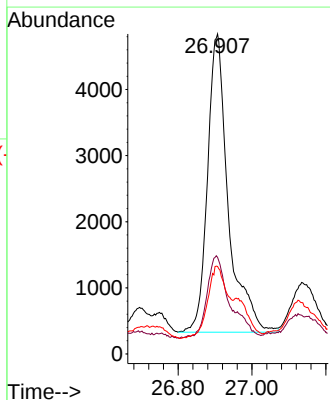
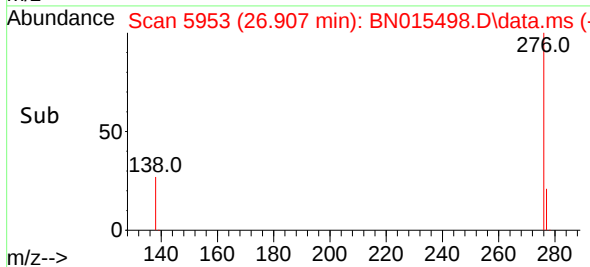
Tgt Ion:278 Resp: 37349
Ion Ratio Lower Upper
278 100
139 24.1 18.9 28.3
279 26.7 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.228 ng/ul
RT: 26.907 min Scan# 5953
Delta R.T. -0.004 min
Lab File: BN015498.D
Acq: 12 Jul 2021 20:11



Tgt Ion:276 Resp: 17648
Ion Ratio Lower Upper
276 100
138 30.2 23.0 34.4
277 27.3 19.3 28.9



Instrument :
BNA_N
ClientSampleId :
BGDP7

Manual Integrations
APPROVED

mohammad
7/13/2021 1:44:13 PM