

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015156.D
 Acq On : 27 Jun 2021 16:52
 Operator : CG/JU
 Sample : M2704-12
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDD5

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Quant Time: Jun 28 01:28:46 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	3940	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	13945	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.350	164	7766	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.099	188	16890	0.400	ng/ul	-0.01
17) Chrysene-d12	21.298	240	15293	0.400	ng/ul	-0.02
23) Perylene-d12	23.546	264	14941	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	13501	3.040	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	4115	0.188	ng/ul	-0.01
18) Fluoranthene-d10	19.133	212	10549	0.210	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.546	128	2103	0.047	ng/ul#	89
10) Acenaphthylene	14.068	152	1384	0.034	ng/ul#	85
11) Acenaphthene	14.415	153	652	0.021	ng/ul	93
15) Phenanthrene	17.137	178	5655	0.092	ng/ul#	94
16) Anthracene	17.230	178	3352	0.062	ng/ul#	90
19) Fluoranthene	19.161	202	25259	0.357	ng/ul	97
20) Pyrene	19.528	202	23951	0.338	ng/ul	98
21) Benzo(a)anthracene	21.284	228	15411m	0.272	ng/ul	
22) Chrysene	21.333	228	12990	0.192	ng/ul	96
24) Benzo(b)fluoranthene	22.873	252	16585m	0.238	ng/ul	
25) Benzo(k)fluoranthene	22.914	252	6717m	0.085	ng/ul	
26) Benzo(a)pyrene	23.449	252	12034	0.205	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	25.799	276	7200	0.102	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.810	278	1962	0.035	ng/ul#	48
29) Benzo(g,h,i)perylene	26.490	276	6059	0.092	ng/ul#	87

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

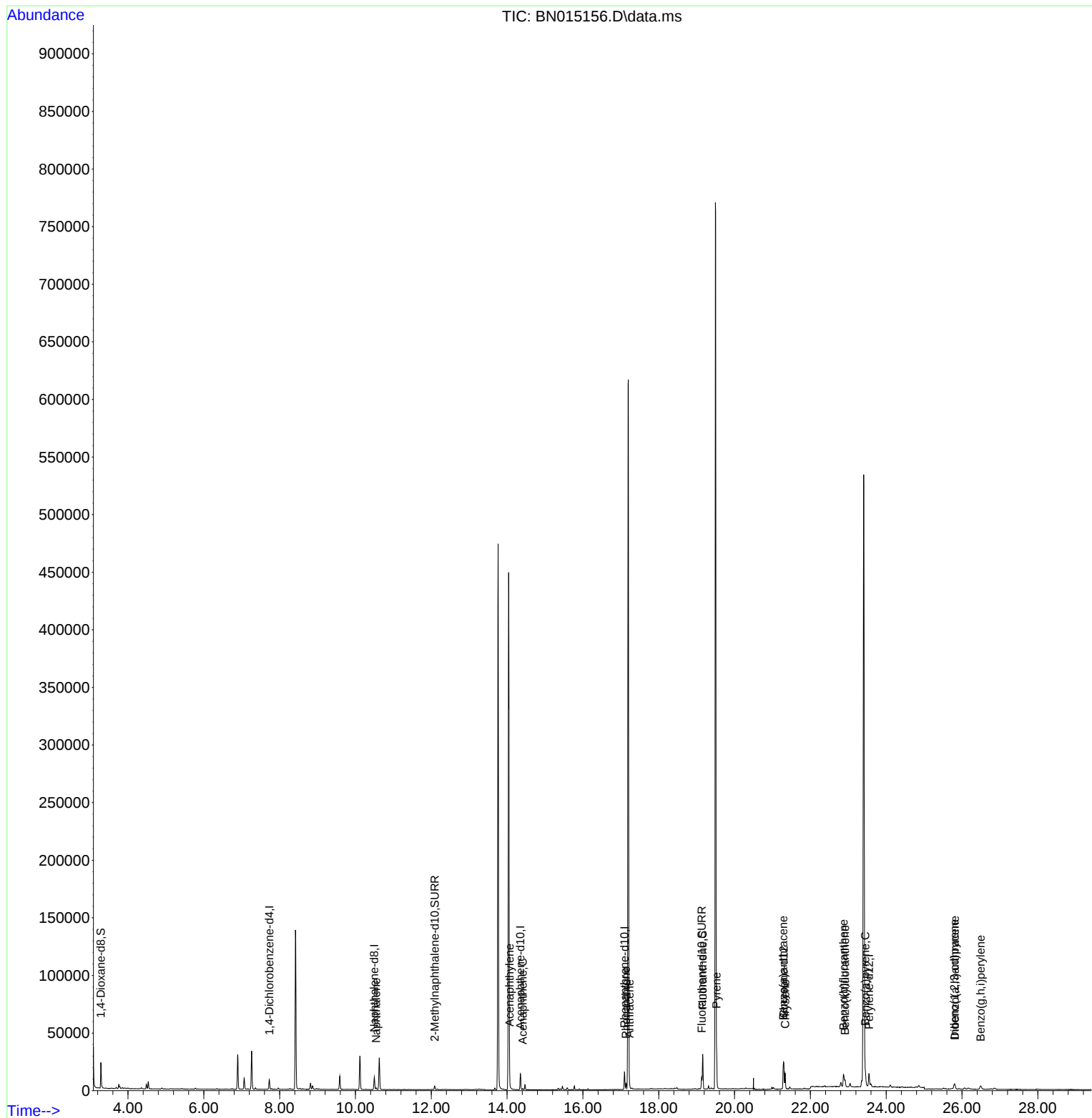
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Data File : BN015156.D
Acq On : 27 Jun 2021 16:52
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ALS Vial : 40 Sample Multiplier: 1

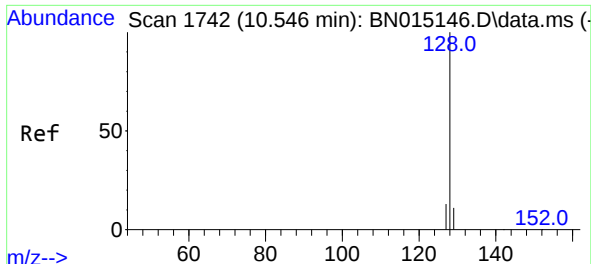
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
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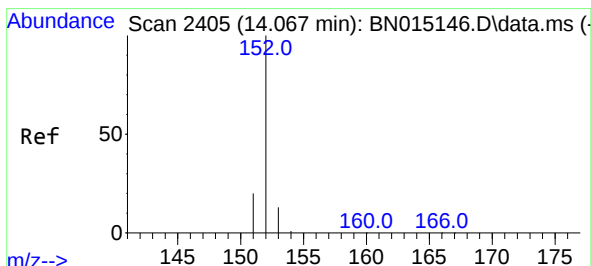
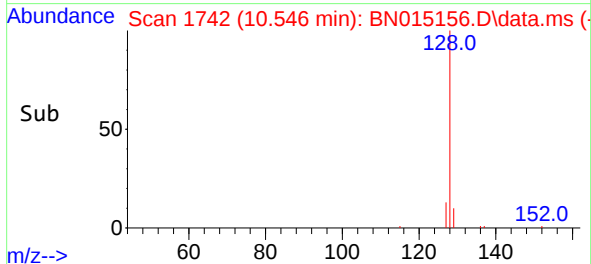
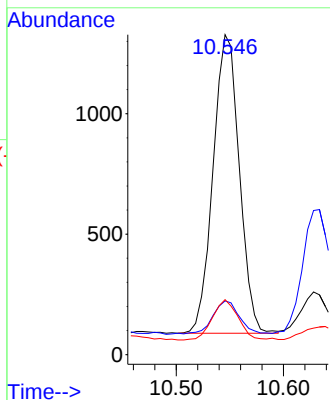
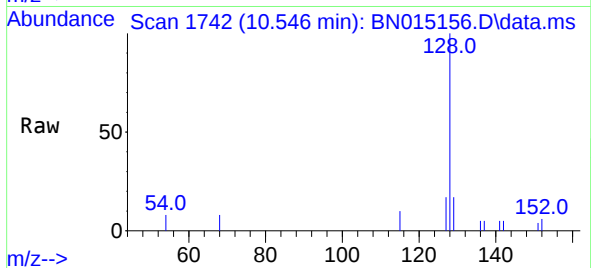
#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.546 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015156.D
Acq: 27 Jun 2021 16:52

Tgt Ion:	128	Resp:	2103
Ion Ratio	Lower	Upper	
128	100		
129	16.8	9.3	13.9#
127	17.2	10.8	16.2#

Instrument :
BNA_N
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BGDD5

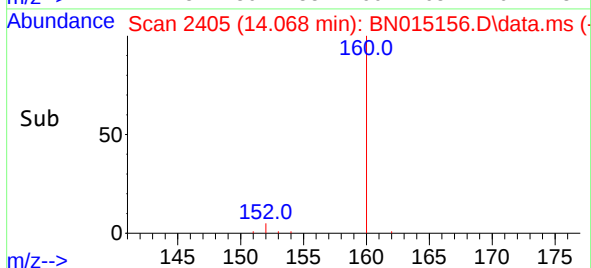
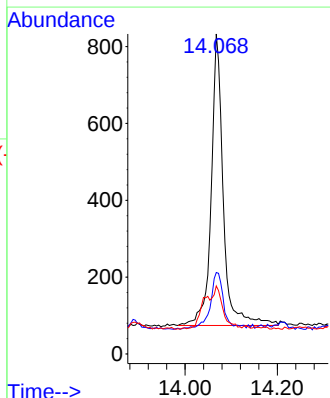
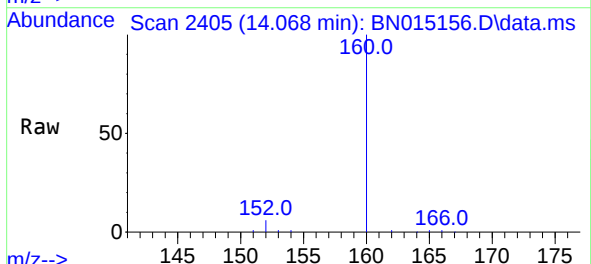
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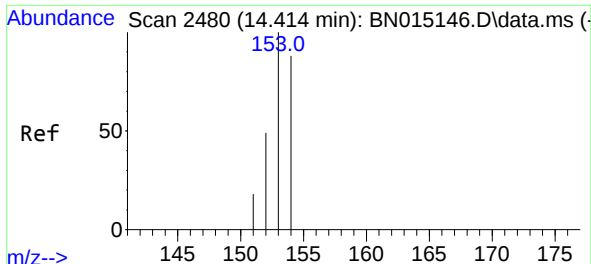
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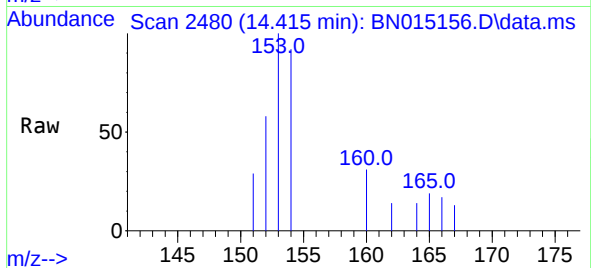
#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.068 min Scan# 2405
Delta R.T. -0.015 min
Lab File: BN015156.D
Acq: 27 Jun 2021 16:52

Tgt Ion:	152	Resp:	1384
Ion Ratio	Lower	Upper	
152	100		
151	25.5	16.0	24.0#
153	21.2	10.9	16.3#

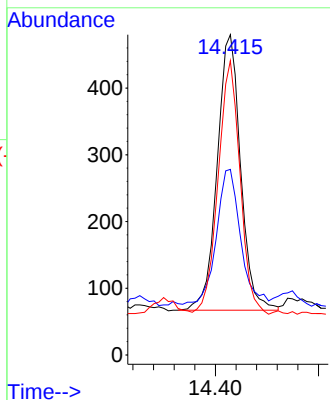
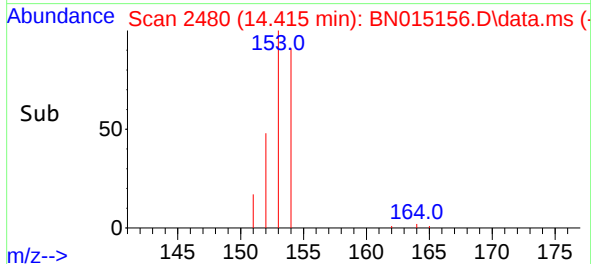




#11
Acenaphthene
Concen: 0.021 ng/u1
RT: 14.415 min Scan# 2480
Delta R.T. -0.010 min
Lab File: BN015156.D
Acq: 27 Jun 2021 16:52



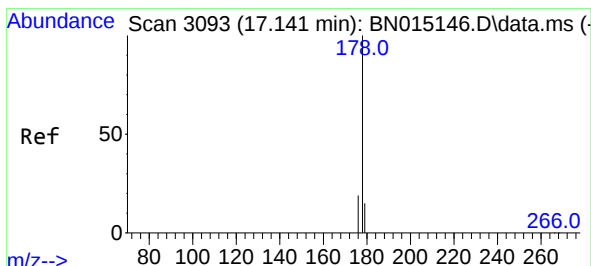
Tgt Ion:	153	Resp:	652
Ion Ratio	Lower	Upper	
153	100		
152	57.9	39.8	59.6
154	91.9	69.8	104.8



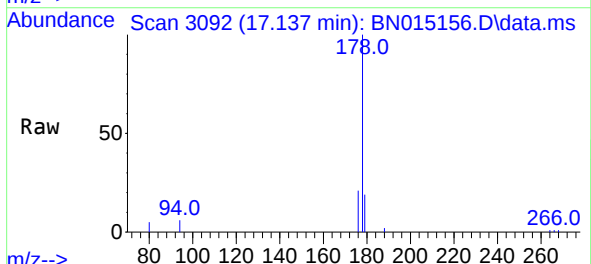
Instrument :
BNA_N
ClientSampled :
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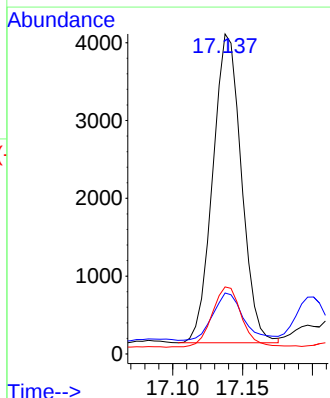
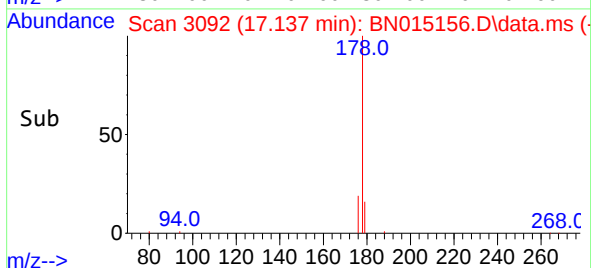
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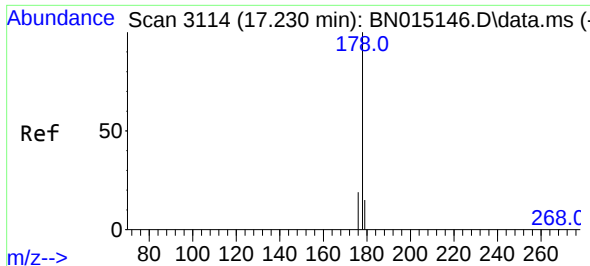


#15
Phenanthrene
Concen: 0.092 ng/u1
RT: 17.137 min Scan# 3092
Delta R.T. -0.013 min
Lab File: BN015156.D
Acq: 27 Jun 2021 16:52



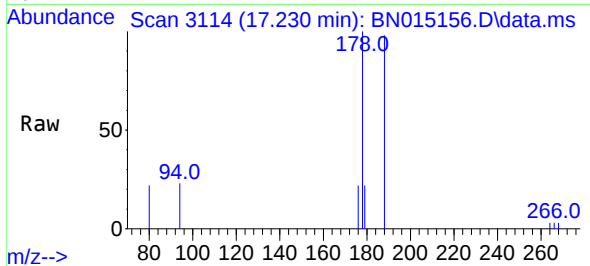
Tgt Ion:	178	Resp:	5655
Ion Ratio	Lower	Upper	
178	100		
179	19.0	12.3	18.5#
176	21.0	15.5	23.3





#16
 Anthracene
 Concen: 0.062 ng/u1
 RT: 17.230 min Scan# 3114
 Delta R.T. -0.014 min
 Lab File: BN015156.D
 Acq: 27 Jun 2021 16:52

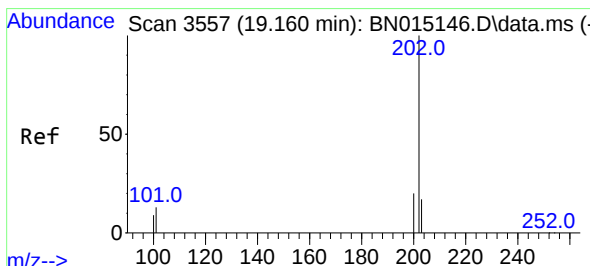
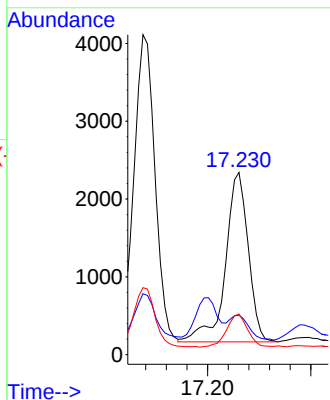
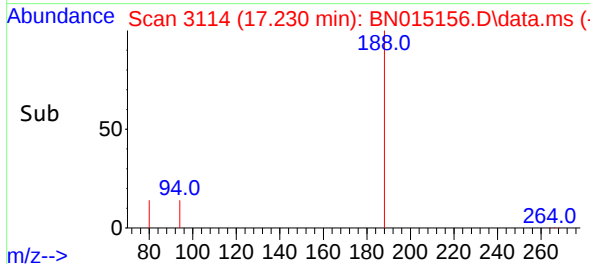
Instrument :
 BNA_N
 ClientSampled :
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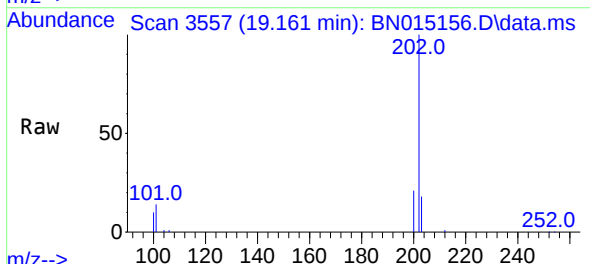
Tgt Ion:178 Resp: 3352
 Ion Ratio Lower Upper
 178 100
 179 21.7 12.8 19.2#
 176 22.3 15.2 22.8

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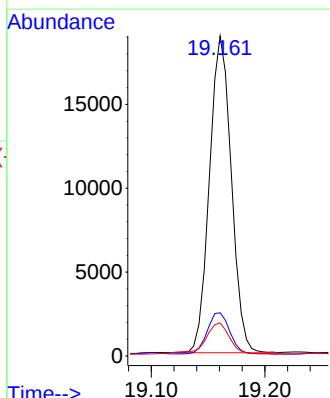
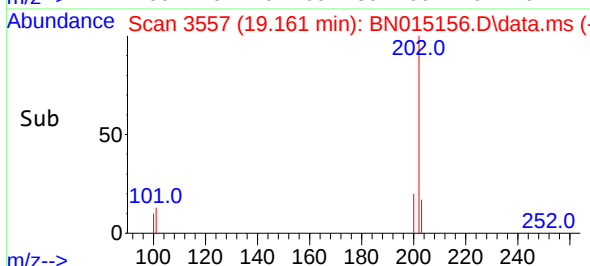
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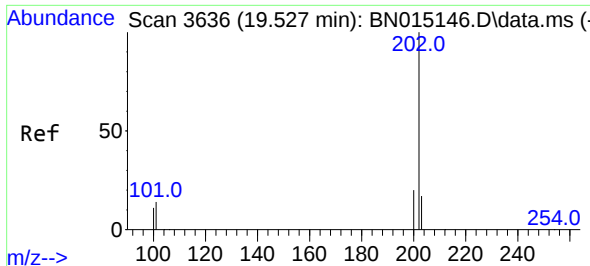


#19
 Fluoranthene
 Concen: 0.357 ng/u1
 RT: 19.161 min Scan# 3557
 Delta R.T. -0.015 min
 Lab File: BN015156.D
 Acq: 27 Jun 2021 16:52



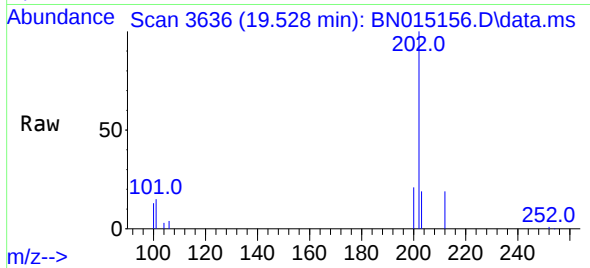
Tgt Ion:202 Resp: 25259
 Ion Ratio Lower Upper
 202 100
 101 13.5 10.1 15.1
 100 10.4 7.4 11.0





#20
Pyrene
Concen: 0.338 ng/ul
RT: 19.528 min Scan# 3636
Delta R.T. -0.010 min
Lab File: BN015156.D
Acq: 27 Jun 2021 16:52

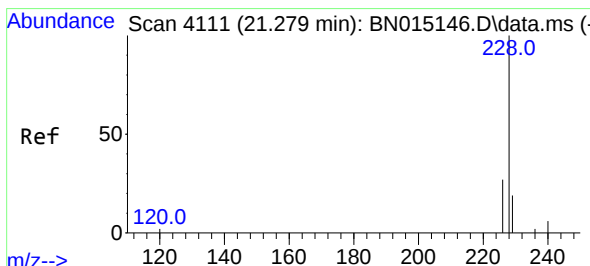
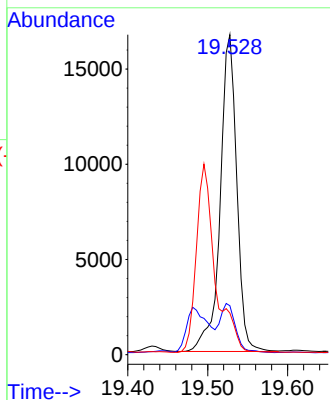
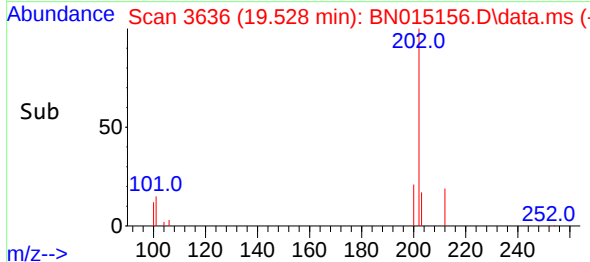
Instrument :
BNA_N
ClientSampleId :
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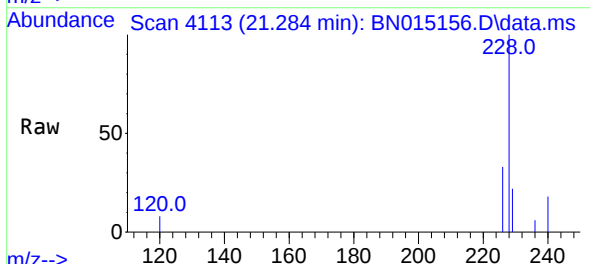
Tgt Ion:202 Resp: 23951
Ion Ratio Lower Upper
202 100
101 15.3 12.0 18.0
100 13.0 9.6 14.4

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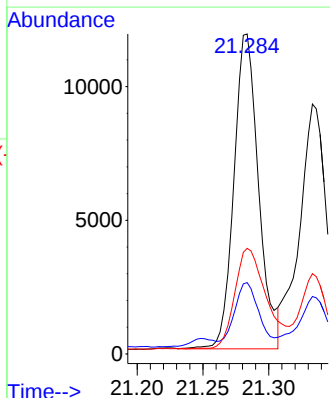
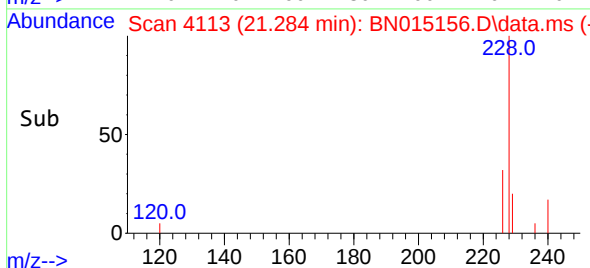
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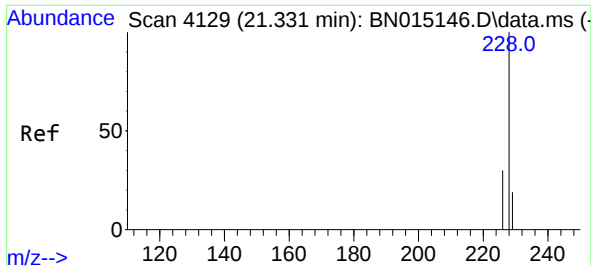


#21
Benzo(a)anthracene
Concen: 0.272 ng/ul m
RT: 21.284 min Scan# 4113
Delta R.T. -0.013 min
Lab File: BN015156.D
Acq: 27 Jun 2021 16:52

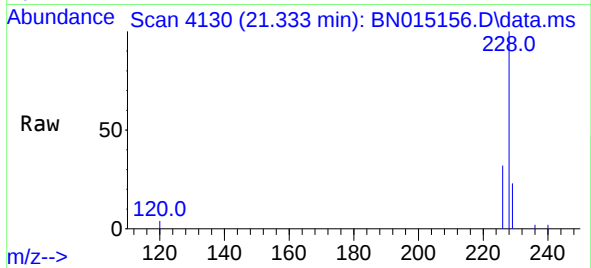


Tgt Ion:228 Resp: 15411
Ion Ratio Lower Upper
228 100
229 22.3 15.8 23.8
226 33.0 21.8 32.8#

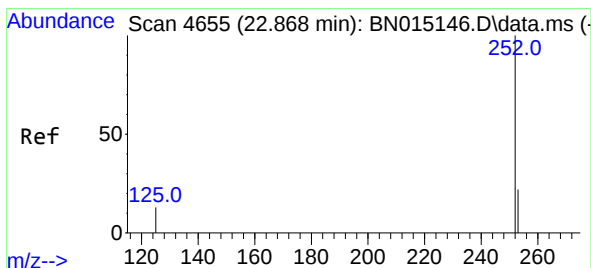
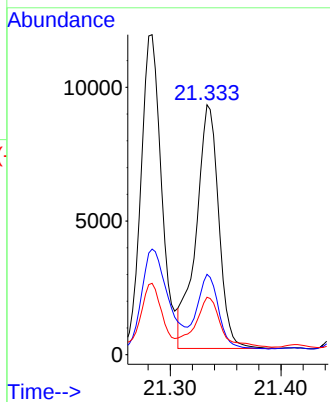
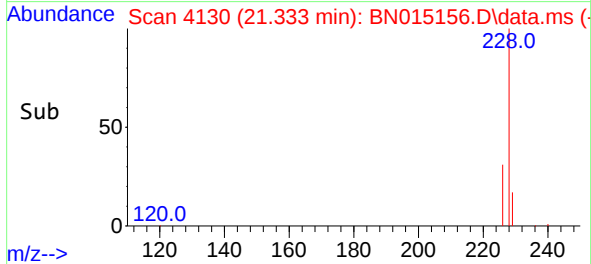




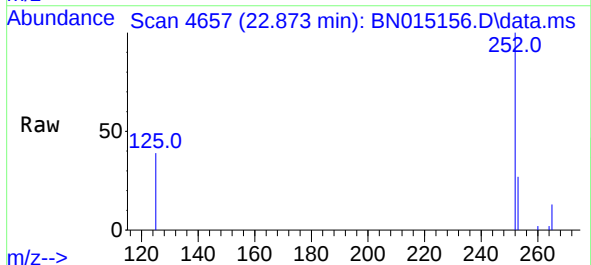
#22
Chrysene
Concen: 0.192 ng/ul
RT: 21.333 min Scan# 4130
Delta R.T. -0.015 min
Lab File: BN015156.D
Acq: 27 Jun 2021 16:52



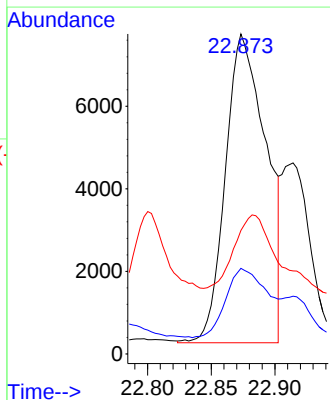
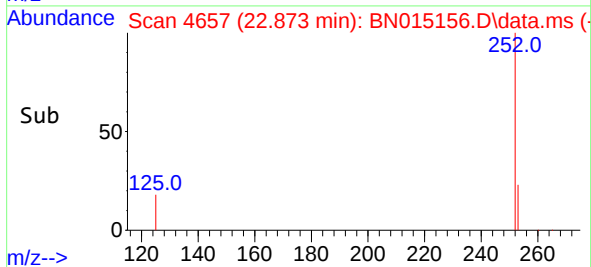
Tgt Ion:228 Resp: 12990
Ion Ratio Lower Upper
228 100
226 32.1 24.6 37.0
229 23.0 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.238 ng/ul m
RT: 22.873 min Scan# 4657
Delta R.T. -0.021 min
Lab File: BN015156.D
Acq: 27 Jun 2021 16:52



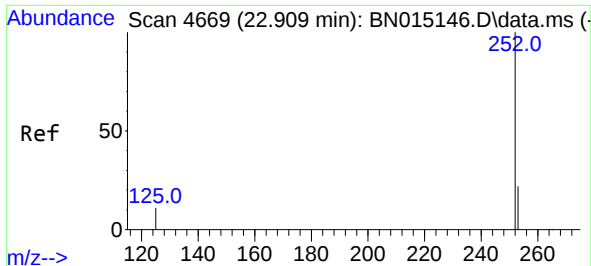
Tgt Ion:252 Resp: 16585
Ion Ratio Lower Upper
252 100
253 26.8 0.0 45.6
125 38.6 0.0 28.4#



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6/28/2021 1:28:51 PM



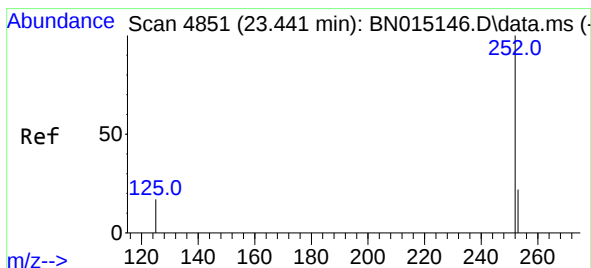
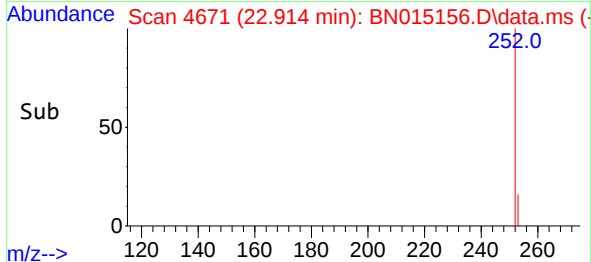
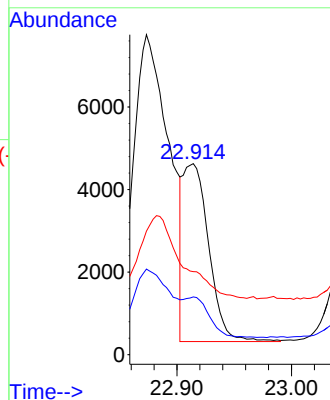
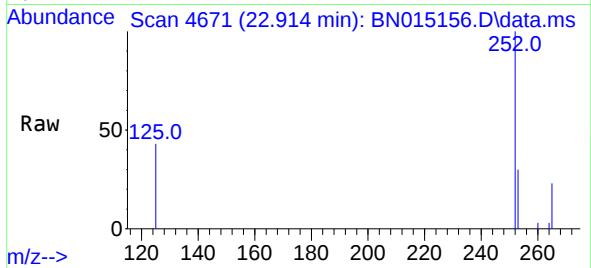
#25
Benzo(k)fluoranthene
Concen: 0.085 ng/ul m
RT: 22.914 min Scan# 4671
Delta R.T. -0.024 min
Lab File: BN015156.D
Acq: 27 Jun 2021 16:52

Tgt Ion:252 Resp: 6717
Ion Ratio Lower Upper
252 100
253 30.2 18.1 27.1#
125 43.4 11.5 17.3#

Instrument :
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BGDD5

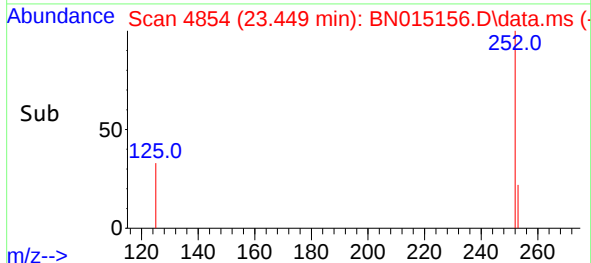
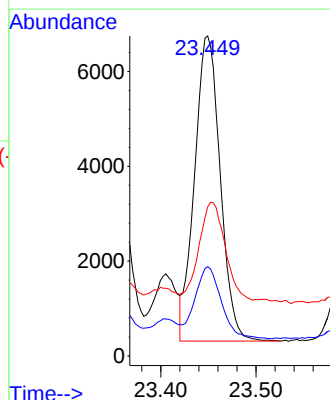
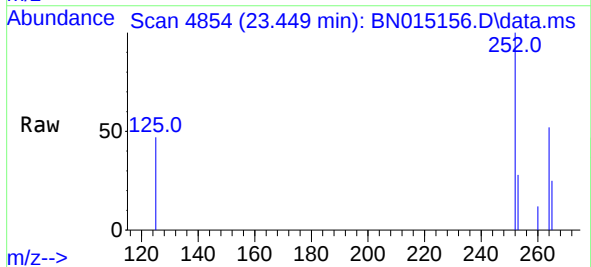
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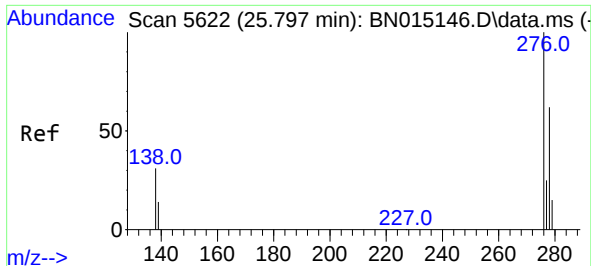
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#26
Benzo(a)pyrene
Concen: 0.205 ng/ul
RT: 23.449 min Scan# 4854
Delta R.T. -0.021 min
Lab File: BN015156.D
Acq: 27 Jun 2021 16:52

Tgt Ion:252 Resp: 12034
Ion Ratio Lower Upper
252 100
253 27.9 18.9 28.3
125 46.6 13.5 20.3#





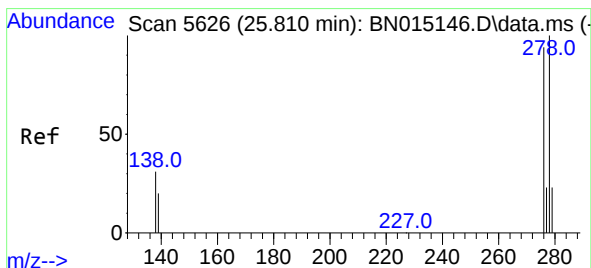
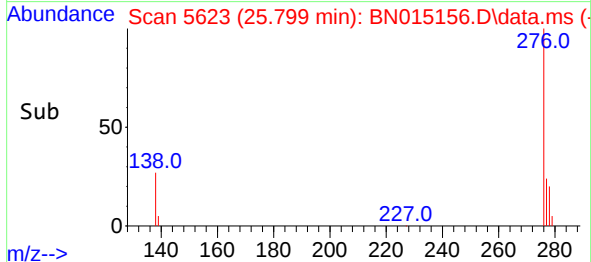
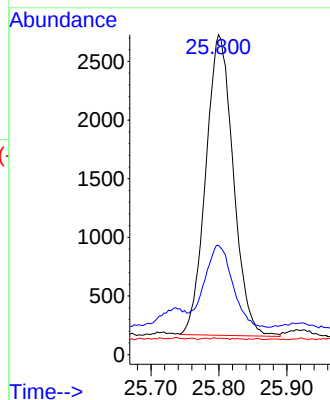
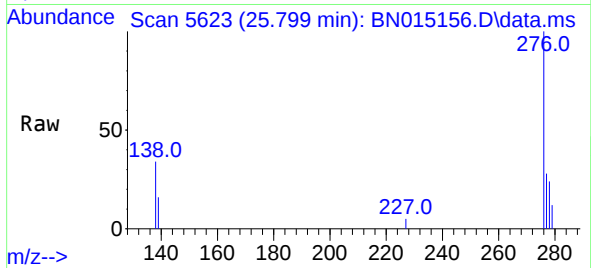
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 25.799 min Scan# 5623
Delta R.T. -0.041 min
Lab File: BN015156.D
Acq: 27 Jun 2021 16:52

Tgt Ion: 276 Resp: 7200
Ion Ratio Lower Upper
276 100
138 28.0 26.3 39.5
227 0.3 0.1 0.1#

Instrument :
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ClientSampled :
BGDD5

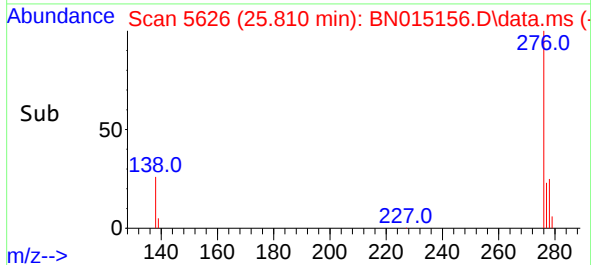
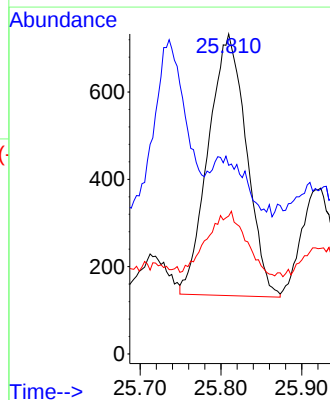
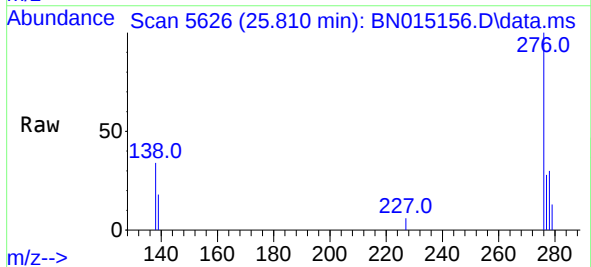
Manual Integrations
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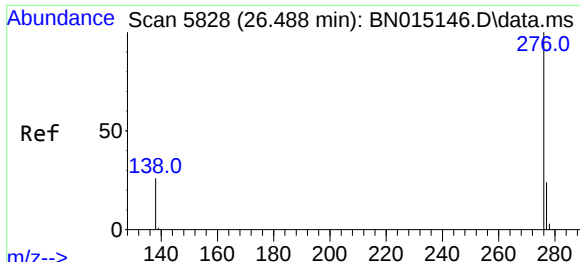
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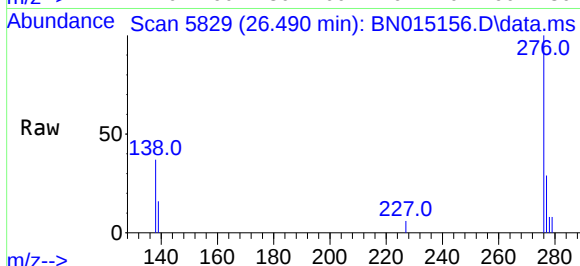
#28
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 25.810 min Scan# 5626
Delta R.T. -0.051 min
Lab File: BN015156.D
Acq: 27 Jun 2021 16:52

Tgt Ion: 278 Resp: 1962
Ion Ratio Lower Upper
278 100
139 58.9 18.9 28.3#
279 43.1 20.8 31.2#

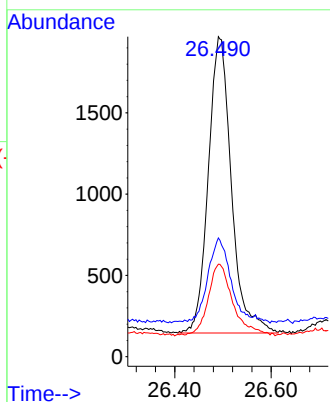
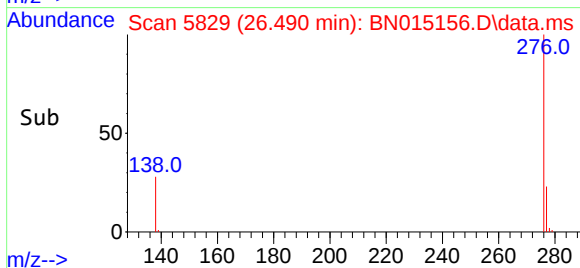




#29
 Benzo(g,h,i)perylene
 Concen: 0.092 ng/ul
 RT: 26.490 min Scan# 5829
 Delta R.T. -0.034 min
 Lab File: BN015156.D
 Acq: 27 Jun 2021 16:52



Tgt Ion:	276	Resp:	6059
Ion	Ratio	Lower	Upper
276	100		
138	37.1	23.0	34.4#
277	28.9	19.3	28.9



Instrument :
 BNA_N
 ClientSampleId :
 BGDD5

Manual Integrations
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