

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015467.D
 Acq On : 10 Jul 2021 04:27
 Operator : CG/JU
 Sample : M2808-02DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGG08DL

Manual Integrations
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Quant Time: Jul 10 05:42:23 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 : Sat Jul 10 02:55:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	4218	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	14514	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	7595	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	15224	0.400	ng/ul	0.00
17) Chrysene-d12	21.278	240	12602	0.400	ng/ul	0.00
23) Perylene-d12	23.517	264	11204	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	1282	0.270	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	435	0.019	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	960	0.023	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	3000	0.065	ng/ul	95
10) Acenaphthylene	14.053	152	6560	0.167	ng/ul	98
11) Acenaphthene	14.400	153	852	0.028	ng/ul	96
12) Fluorene	15.390	166	3027	0.091	ng/ul#	98
15) Phenanthrene	17.124	178	79933	1.447	ng/ul	100
16) Anthracene	17.217	178	28938	0.594	ng/ul	99
19) Fluoranthene	19.145	202	248701	4.271	ng/ul	98
20) Pyrene	19.512	202	200941	3.441	ng/ul	99
21) Benzo(a)anthracene	21.263	228	105504	2.260	ng/ul	96
22) Chrysene	21.316	228	88350	1.581	ng/ul	98
24) Benzo(b)fluoranthene	22.847	252	99654m	1.904	ng/ul	
25) Benzo(k)fluoranthene	22.885	252	37381m	0.633	ng/ul	
26) Benzo(a)pyrene	23.417	252	68080	1.549	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.759	276	39547	0.745	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.766	278	10255	0.246	ng/ul	98
29) Benzo(g,h,i)perylene	26.447	276	5191	0.106	ng/ul#	91

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

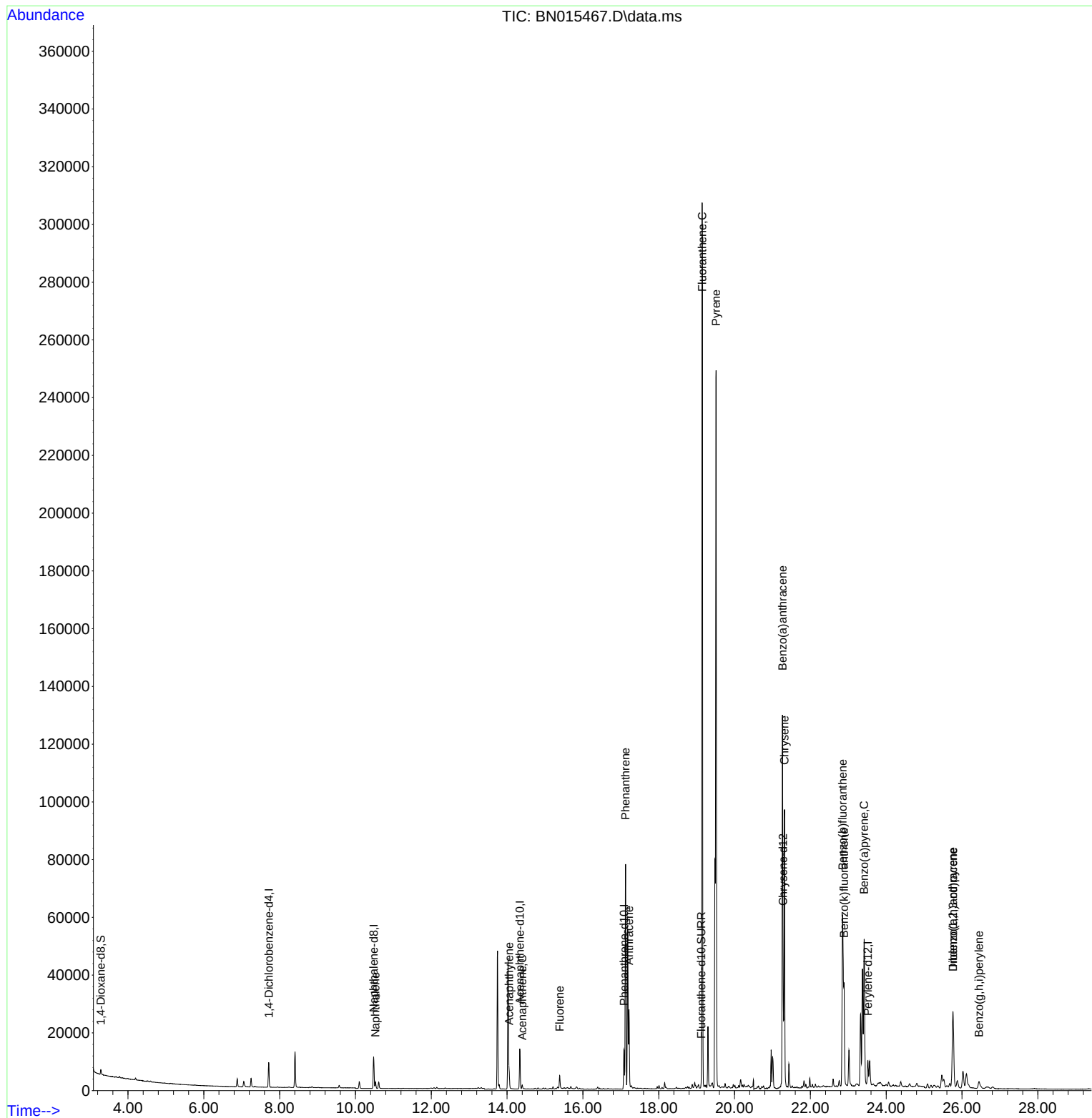
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
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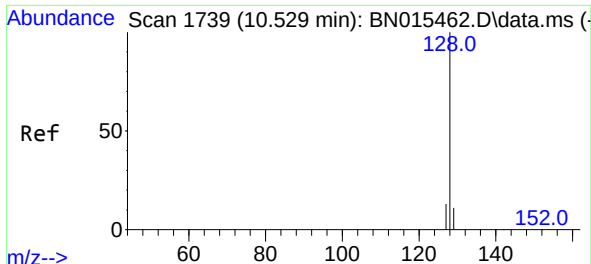
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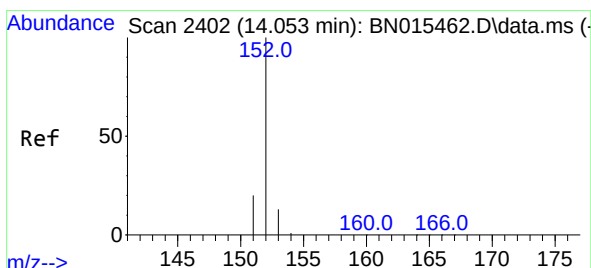
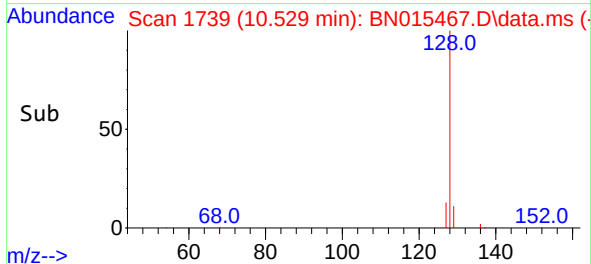
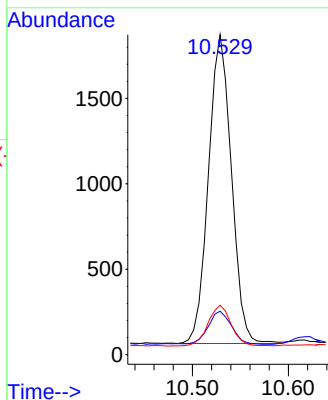
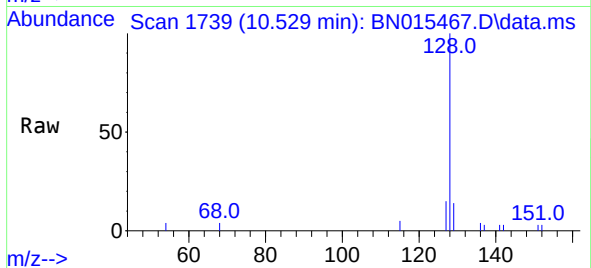
#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27

Tgt Ion:	128	Resp:	3000
Ion Ratio	Lower	Upper	
128	100		
129	13.6	9.3	13.9
127	15.5	10.8	16.2

Instrument :
BNA_N
ClientSampled :
BGG08DL

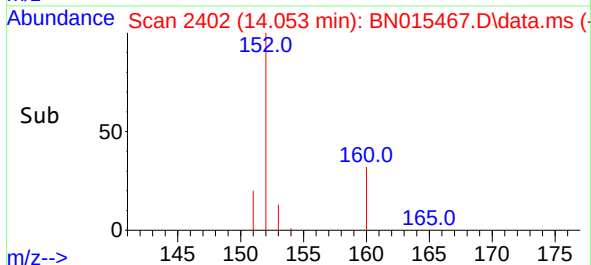
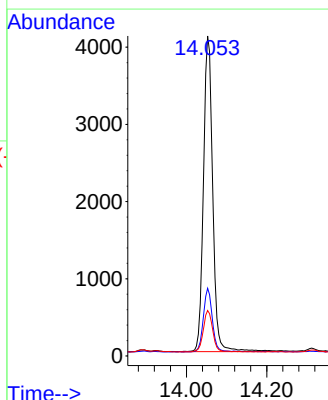
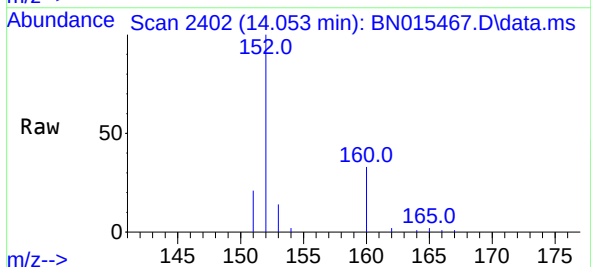
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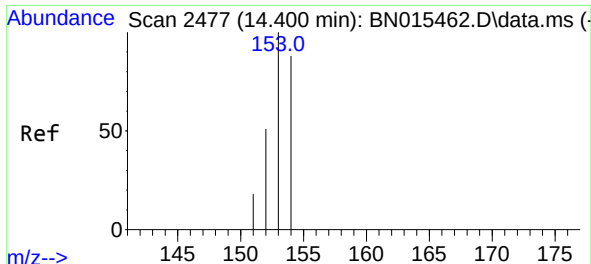
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#10
Acenaphthylene
Concen: 0.167 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27

Tgt Ion:	152	Resp:	6560
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.0	24.0
153	14.2	10.9	16.3





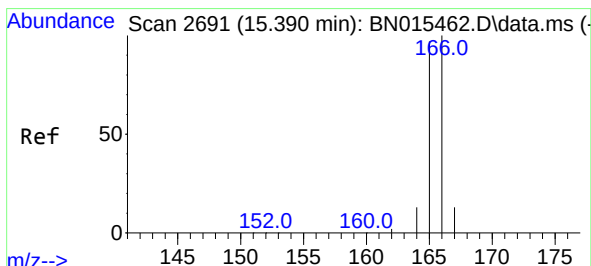
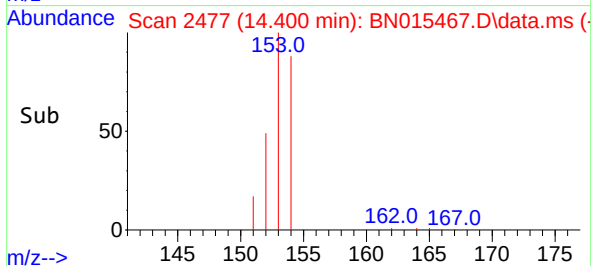
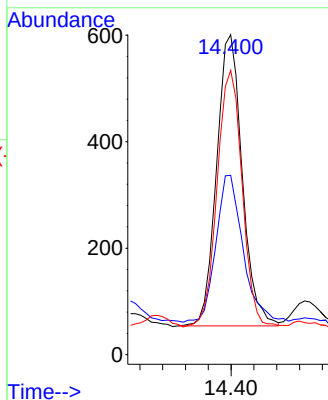
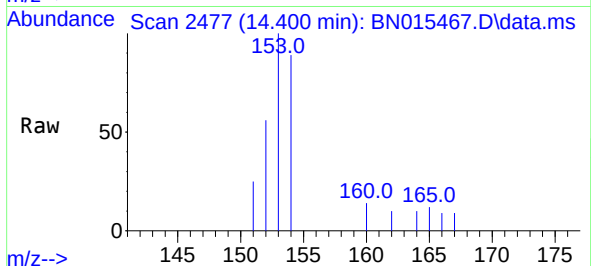
#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. -0.000 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27

Tgt Ion:	153	Resp:	852
Ion	Ratio	Lower	Upper
153	100		
152	56.1	39.8	59.6
154	88.9	69.8	104.8

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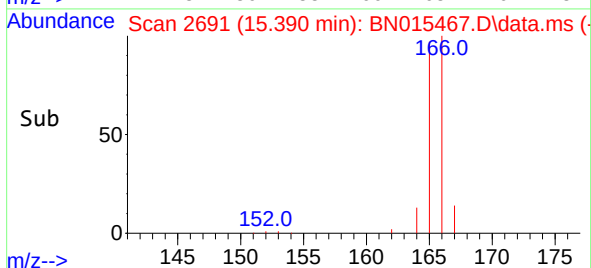
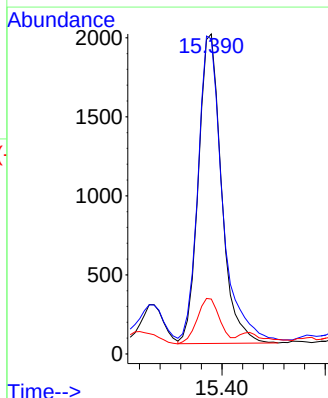
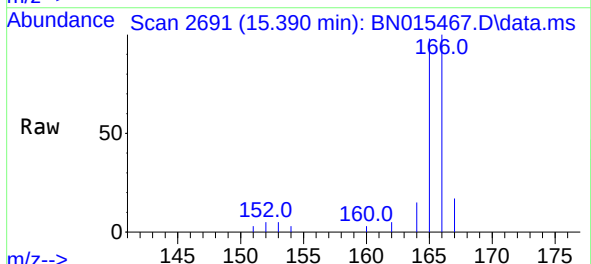
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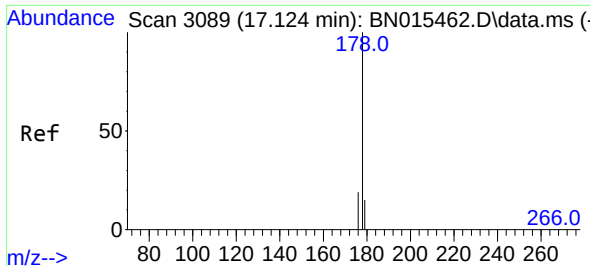
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#12
Fluorene
Concen: 0.091 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. -0.000 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27

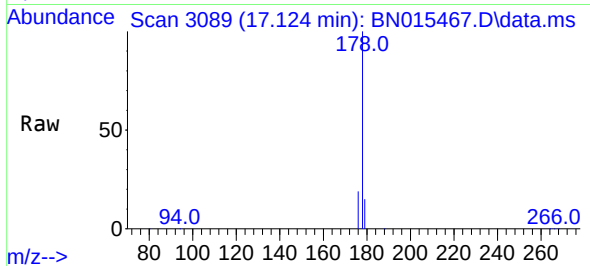
Tgt Ion:	166	Resp:	3027
Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.8
167	17.1	11.2	16.8#





#15
Phenanthrene
Concen: 1.447 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27

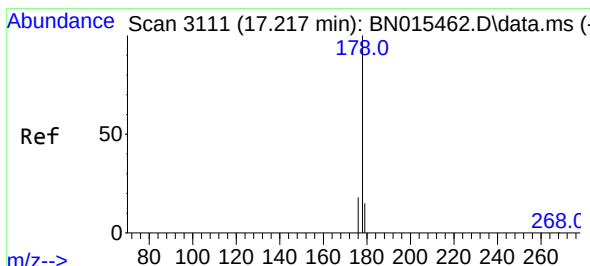
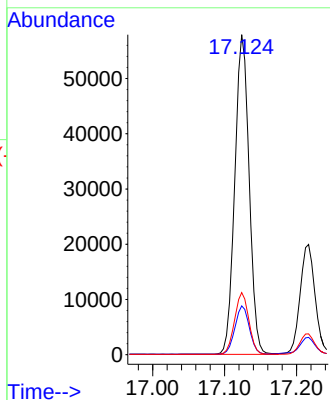
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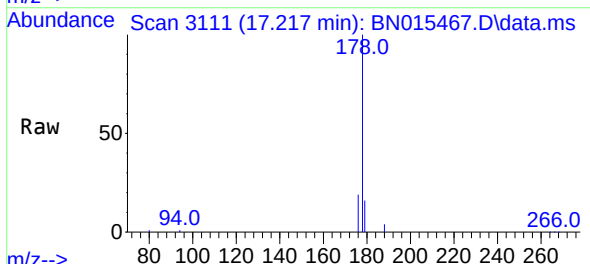
Tgt Ion:178 Resp: 79933
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.4 15.5 23.3

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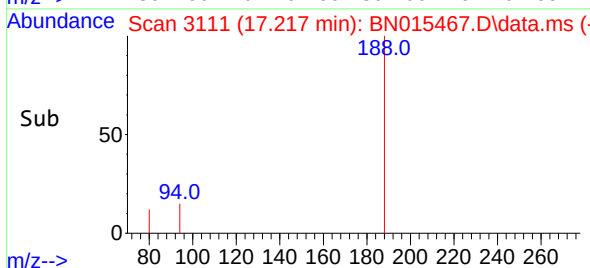
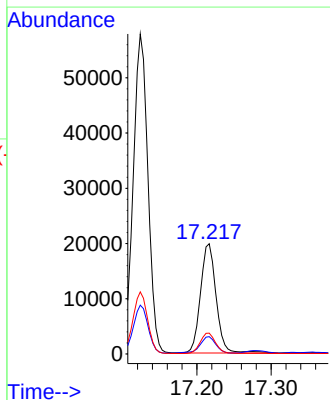
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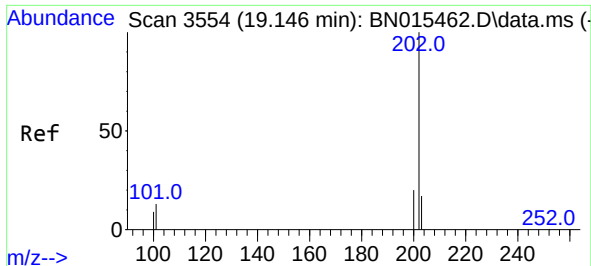


#16
Anthracene
Concen: 0.594 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27

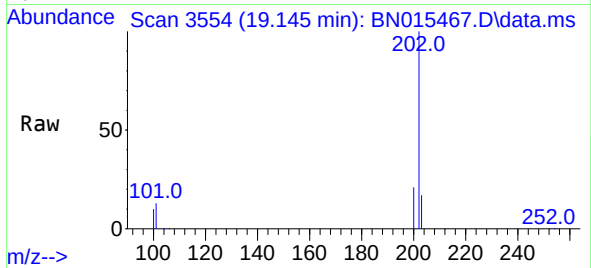


Tgt Ion:178 Resp: 28938
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 18.9 15.2 22.8

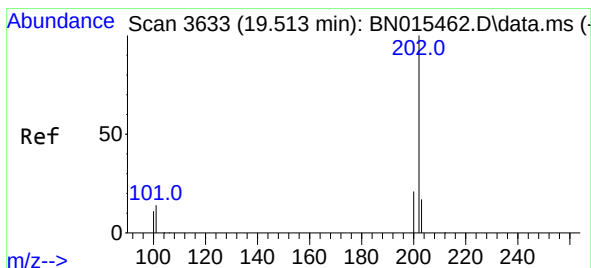
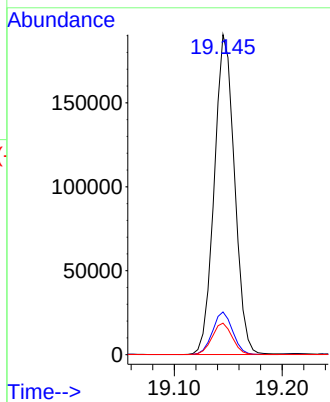
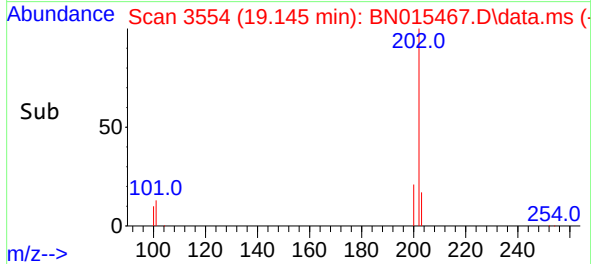




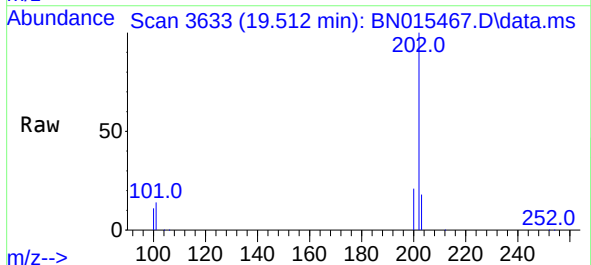
#19
Fluoranthene
Concen: 4.271 ng/ul
RT: 19.145 min Scan# 3554
Delta R.T. -0.005 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27



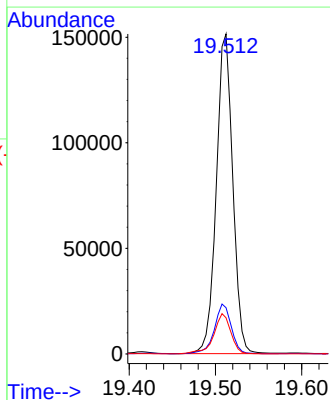
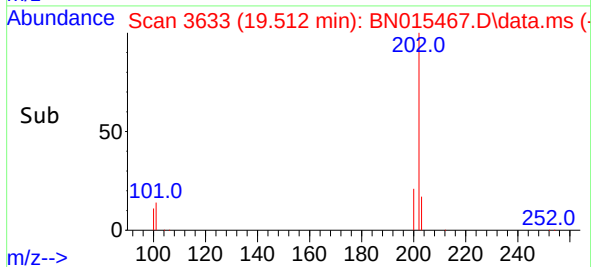
Tgt Ion:202 Resp: 248701
Ion Ratio Lower Upper
202 100
101 13.4 10.1 15.1
100 9.8 7.4 11.0



#20
Pyrene
Concen: 3.441 ng/ul
RT: 19.512 min Scan# 3633
Delta R.T. -0.005 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27



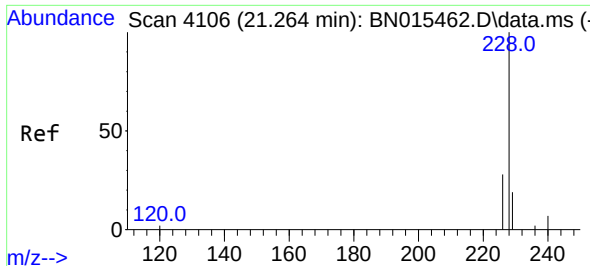
Tgt Ion:202 Resp: 200941
Ion Ratio Lower Upper
202 100
101 14.5 12.0 18.0
100 11.3 9.6 14.4



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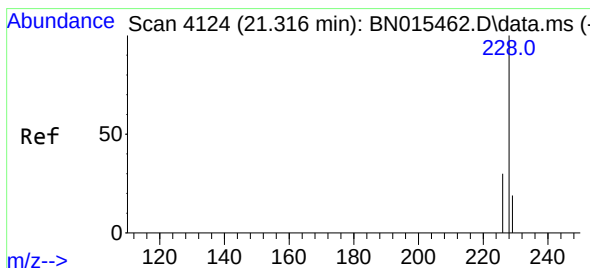
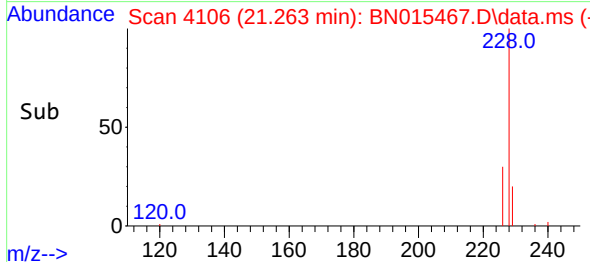
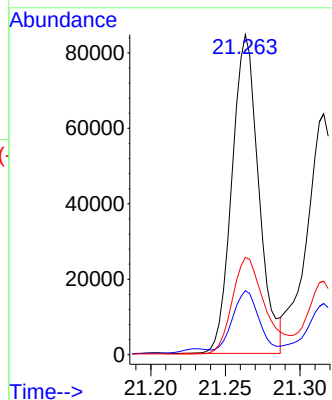
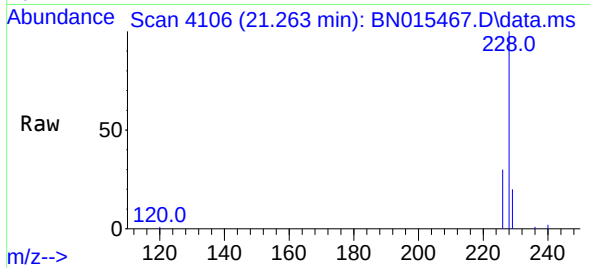
#21
Benzo(a)anthracene
Concen: 2.260 ng/ul
RT: 21.263 min Scan# 4106
Delta R.T. -0.009 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27

Tgt Ion:228 Resp: 105504
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 30.4 21.8 32.8

Instrument :
BNA_N
ClientSampled :
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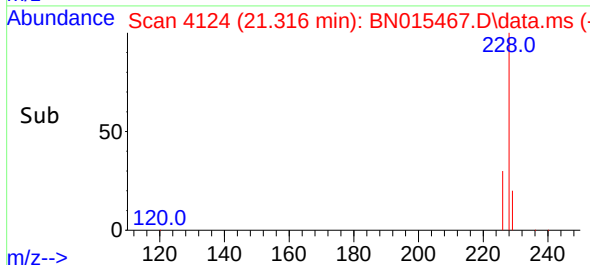
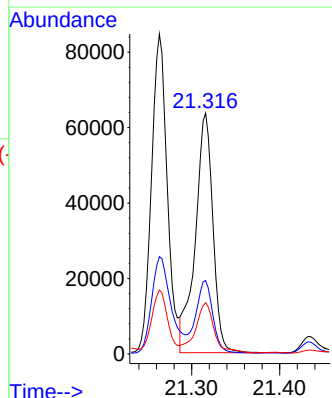
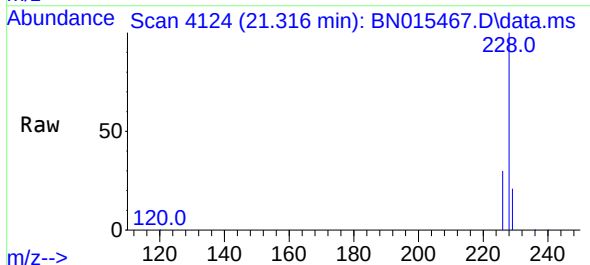
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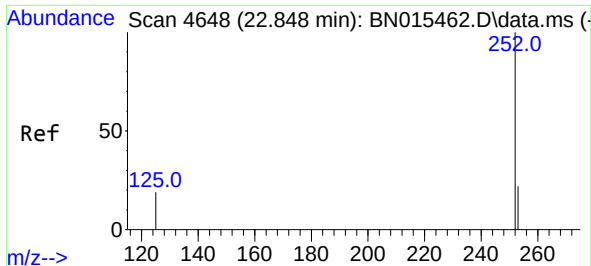
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#22
Chrysene
Concen: 1.581 ng/ul
RT: 21.316 min Scan# 4124
Delta R.T. -0.006 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27

Tgt Ion:228 Resp: 88350
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 21.3 15.7 23.5





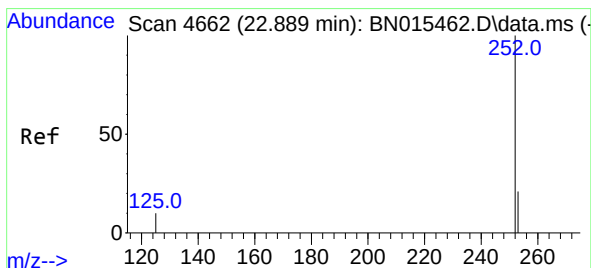
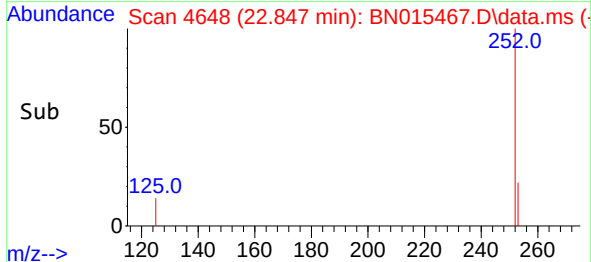
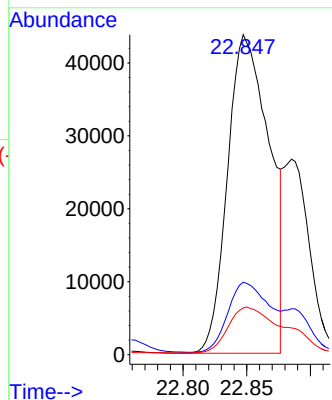
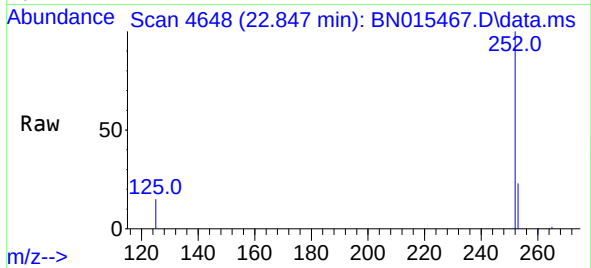
#24
Benzo(b)fluoranthene
Concen: 1.904 ng/ul m
RT: 22.847 min Scan# 4648
Delta R.T. -0.009 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27

Tgt Ion:252	Resp:	99654
Ion Ratio	Lower	Upper
252	100	
253	22.7	0.0 45.6
125	14.6	0.0 28.4

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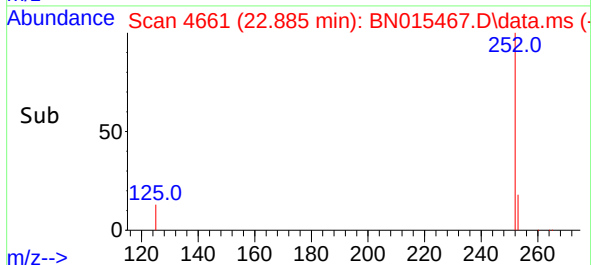
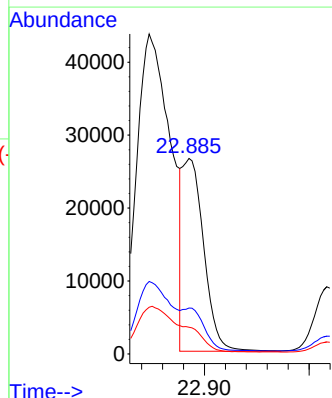
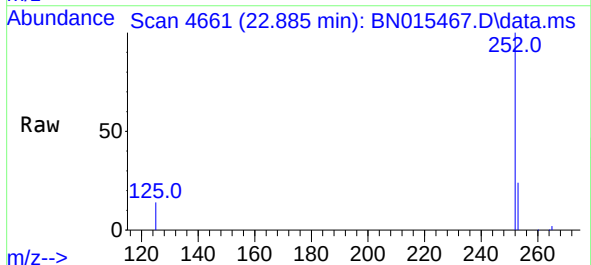
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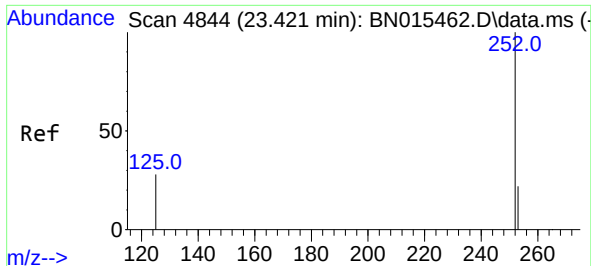
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#25
Benzo(k)fluoranthene
Concen: 0.633 ng/ul m
RT: 22.885 min Scan# 4661
Delta R.T. -0.015 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27

Tgt Ion:252	Resp:	37381
Ion Ratio	Lower	Upper
252	100	
253	23.5	18.1 27.1
125	13.7	11.5 17.3





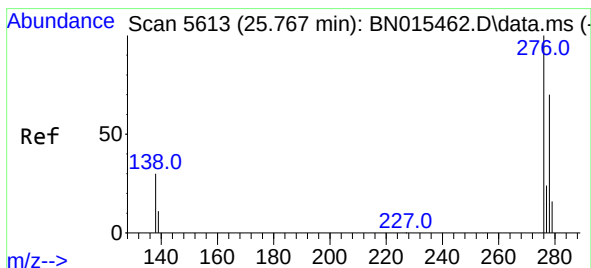
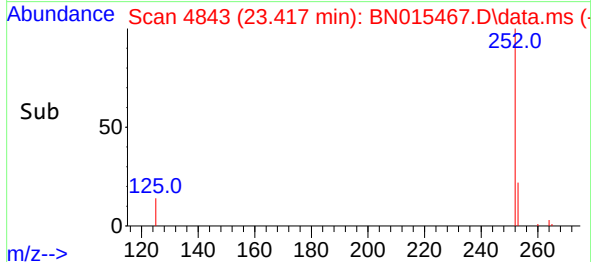
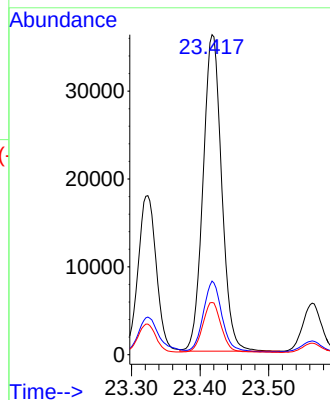
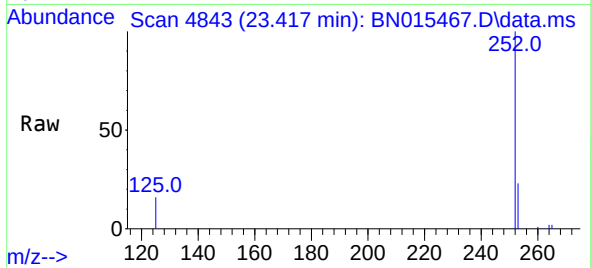
#26
Benzo(a)pyrene
Concen: 1.549 ng/ul
RT: 23.417 min Scan# 4843
Delta R.T. -0.012 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27

Tgt Ion:	252	Resp:	68080
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.9	28.3
125	16.3	13.5	20.3

Instrument :
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ClientSampled :
BGG08DL

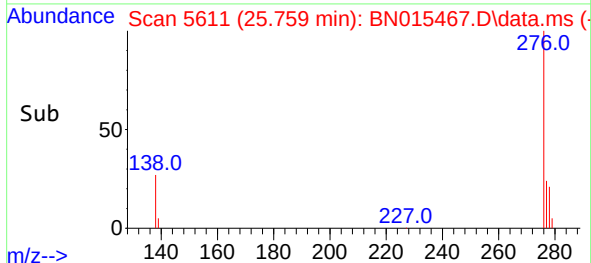
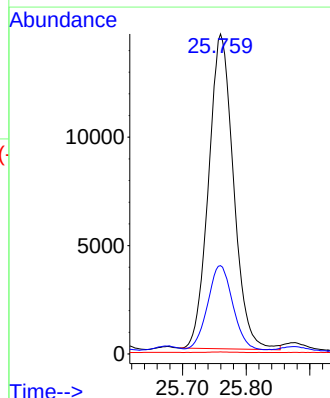
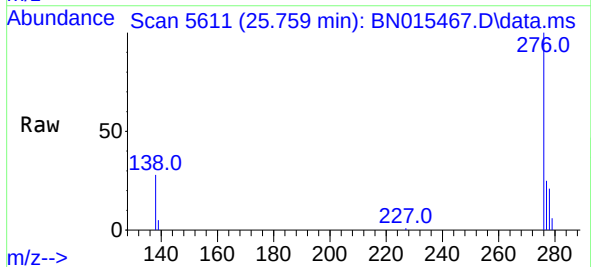
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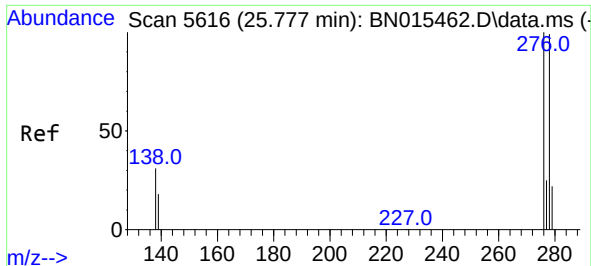
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.745 ng/ul
RT: 25.759 min Scan# 5611
Delta R.T. -0.017 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27

Tgt Ion:	276	Resp:	39547
Ion Ratio	Lower	Upper	
276	100		
138	27.8	26.3	39.5
227	0.2	0.1	0.1#





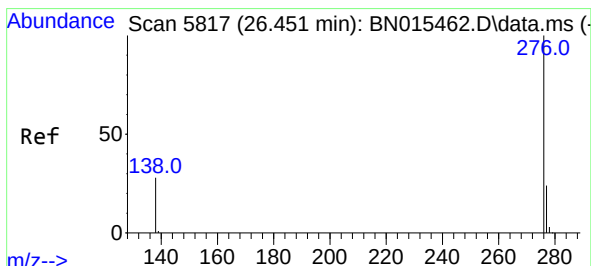
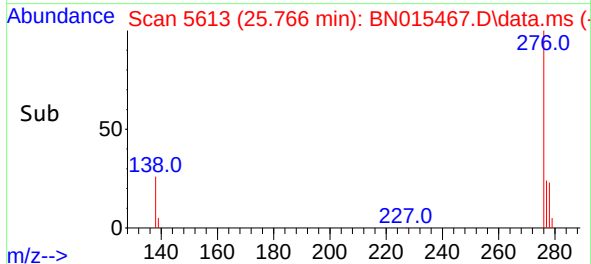
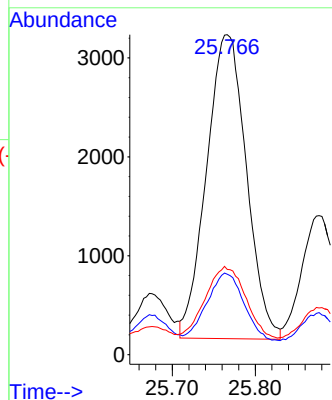
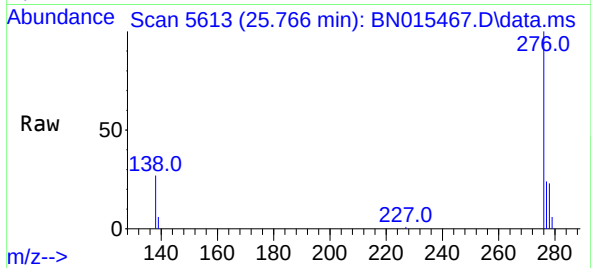
#28
Dibenzo(a,h)anthracene
Concen: 0.246 ng/ul
RT: 25.766 min Scan# 5613
Delta R.T. -0.023 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27

Tgt Ion:	278	Resp:	10255
Ion Ratio	Lower	Upper	
278	100		
139	25.1	18.9	28.3
279	26.6	20.8	31.2

Instrument :
BNA_N
ClientSampleId :
BGG08DL

Manual Integrations
APPROVED

mohammad
7/12/2021 9:33:59 AM



#29
Benzo(g,h,i)perylene
Concen: 0.106 ng/ul
RT: 26.447 min Scan# 5816
Delta R.T. -0.017 min
Lab File: BN015467.D
Acq: 10 Jul 2021 04:27

Tgt Ion:	276	Resp:	5191
Ion Ratio	Lower	Upper	
276	100		
138	32.9	23.0	34.4
277	29.1	19.3	28.9

