

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015500.D
 Acq On : 12 Jul 2021 21:23
 Operator : CG/JU
 Sample : M2808-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDx9

Manual Integrations
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Quant Time: Jul 13 04:57:34 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	2787	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	9873	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	5233	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	10240	0.400	ng/ul	0.00
17) Chrysene-d12	21.387	240	8452	0.400	ng/ul	0.00
23) Perylene-d12	23.740	264	7648	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	5812	1.850	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2279	0.147	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	4852	0.175	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.645	128	1791	0.057	ng/ul#	90
10) Acenaphthylene	14.164	152	4616	0.171	ng/ul	97
11) Acenaphthene	14.506	153	540	0.026	ng/ul	91
12) Fluorene	15.496	166	944	0.041	ng/ul#	97
15) Phenanthrene	17.234	178	21351	0.574	ng/ul	99
16) Anthracene	17.322	178	10433	0.318	ng/ul	100
19) Fluoranthene	19.257	202	109760	2.810	ng/ul	99
20) Pyrene	19.615	202	91656	2.340	ng/ul	98
21) Benzo(a)anthracene	21.369	228	57655	1.841	ng/ul	97
22) Chrysene	21.422	228	47209	1.260	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	54963m	1.538	ng/ul	
25) Benzo(k)fluoranthene	23.070	252	21476m	0.533	ng/ul	
26) Benzo(a)pyrene	23.634	252	37354	1.245	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.159	276	21452	0.592	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.179	278	5834	0.205	ng/ul#	89
29) Benzo(g,h,i)perylene	26.907	276	3052	0.091	ng/ul#	86

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

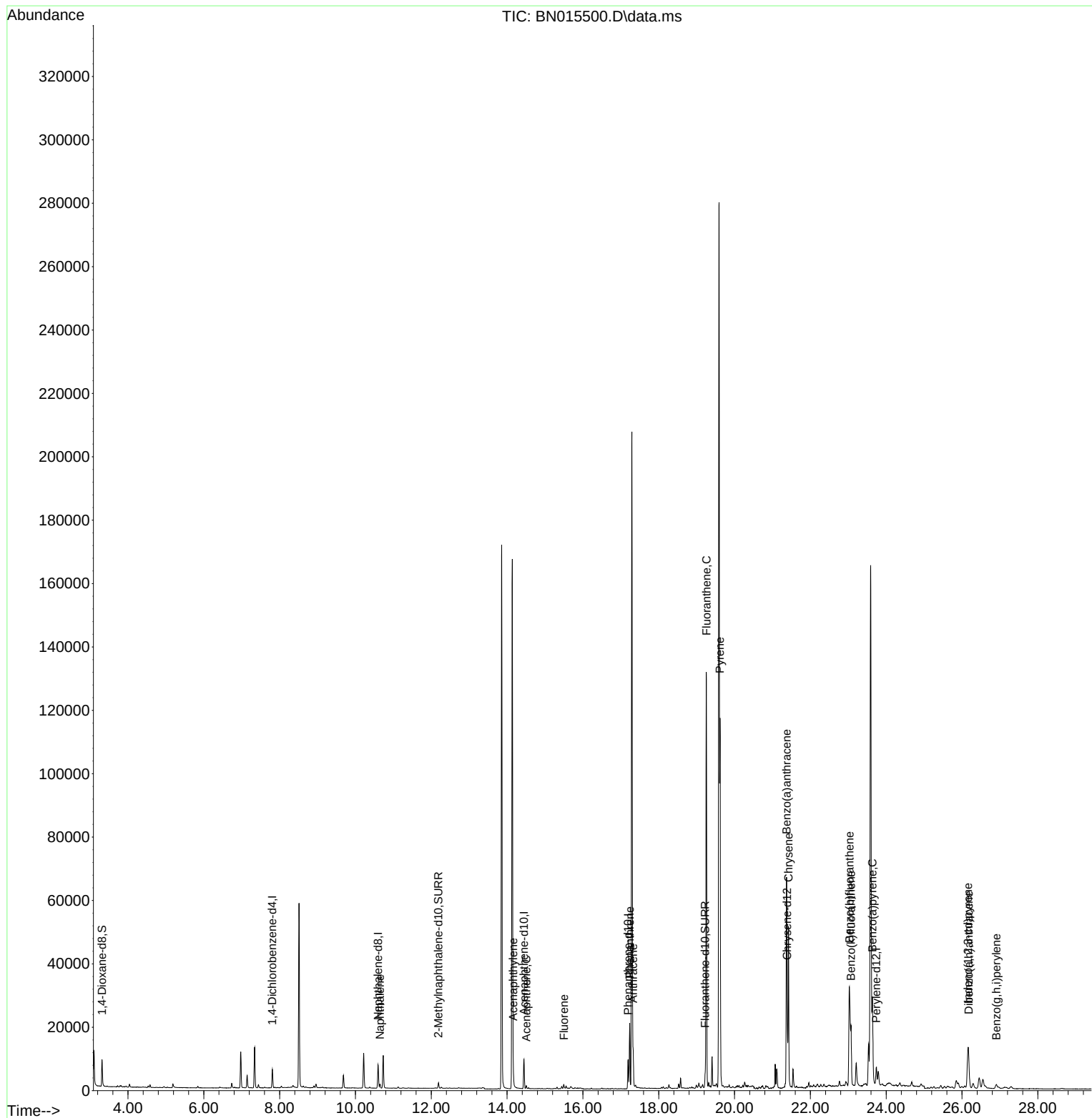
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Data File : BN015500.D
Acq On : 12 Jul 2021 21:23
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ALS Vial : 17 Sample Multiplier: 1

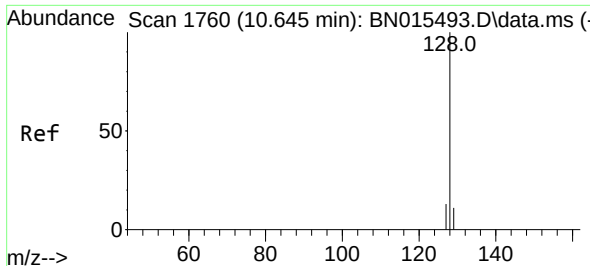
Instrument :
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ClientSampleId :
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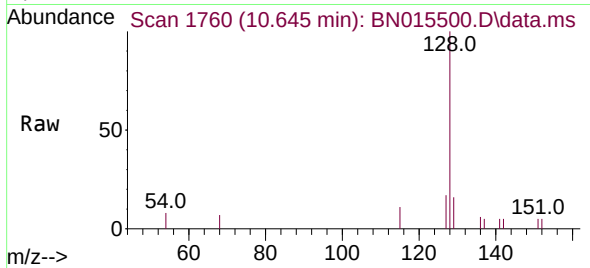
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Quant Time: Jul 13 04:57:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 11:02:52 2021
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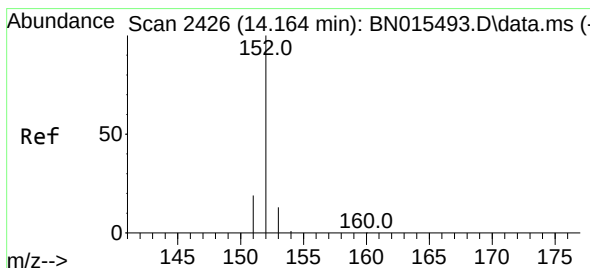
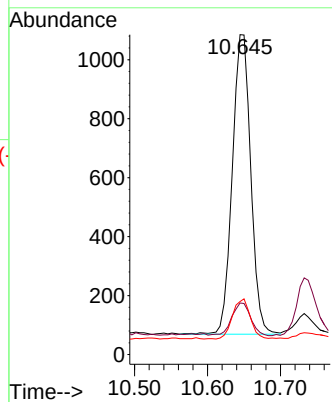
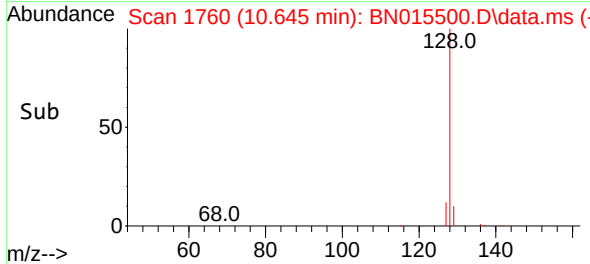




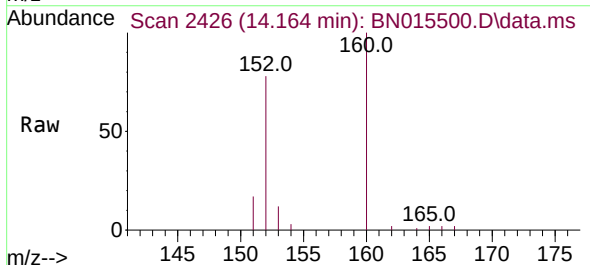
#5
Naphthalene
Concen: 0.057 ng/ul
RT: 10.645 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23



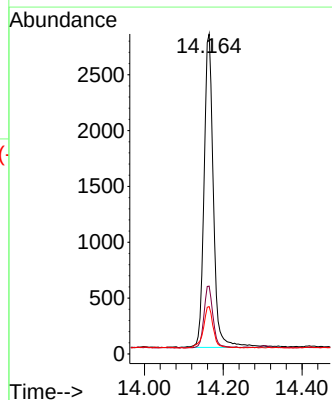
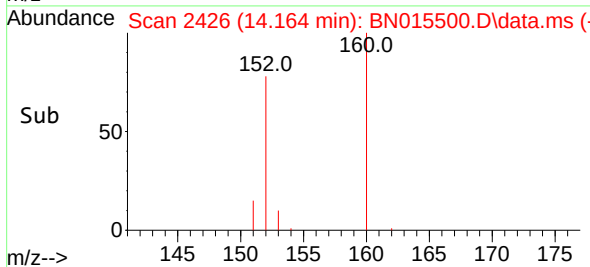
Tgt Ion:128 Resp: 1791
Ion Ratio Lower Upper
128 100
129 16.1 9.3 13.9#
127 16.6 10.8 16.2#



#10
Acenaphthylene
Concen: 0.171 ng/ul
RT: 14.164 min Scan# 2426
Delta R.T. 0.005 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23



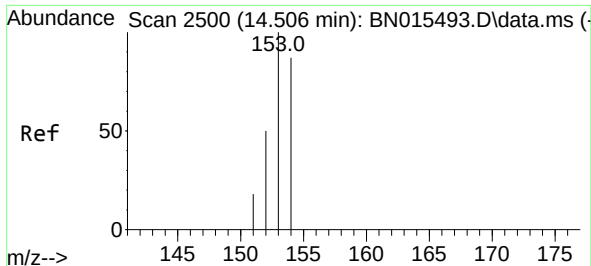
Tgt Ion:152 Resp: 4616
Ion Ratio Lower Upper
152 100
151 21.2 16.0 24.0
153 14.8 10.9 16.3



Instrument :
BNA_N
ClientSampled :
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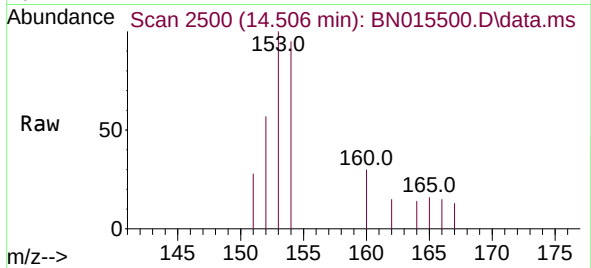
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#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23

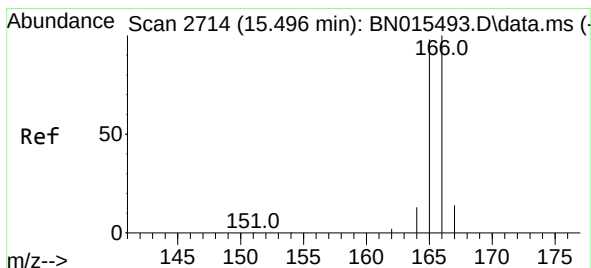
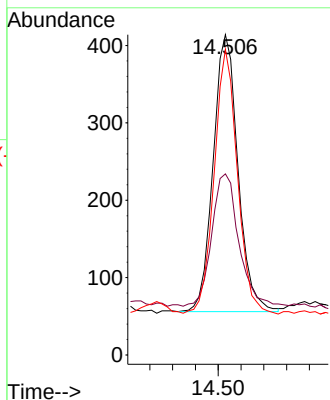
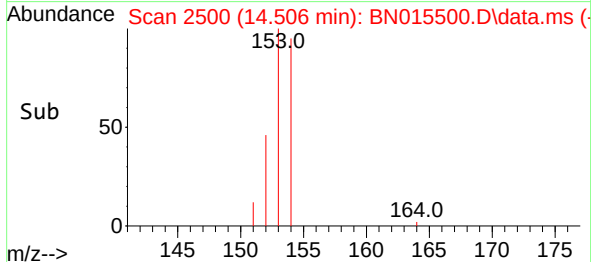
Instrument :
BNA_N
ClientSampled :
BGDX9



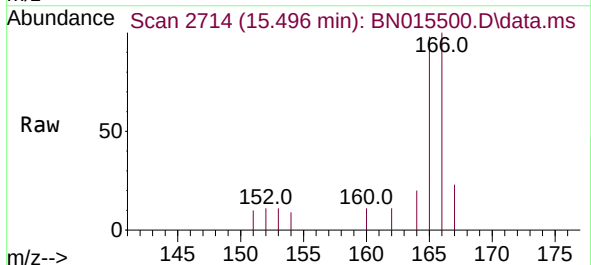
Tgt Ion	Ratio	Lower	Upper
153	100		
152	56.5	39.8	59.6
154	95.4	69.8	104.8

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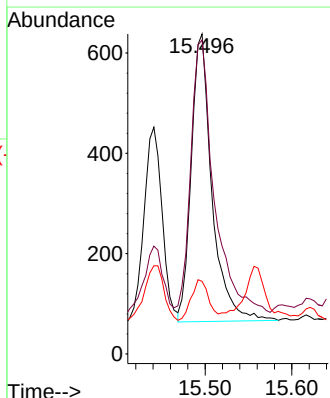
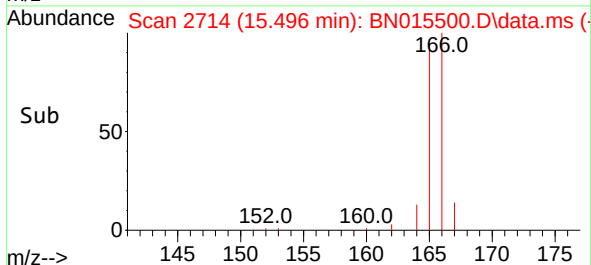
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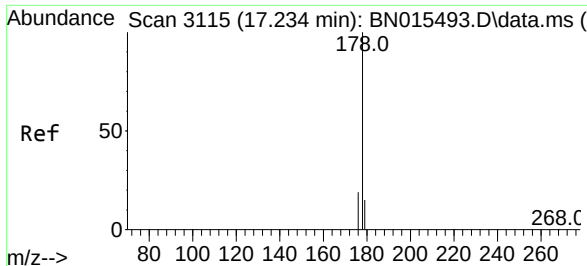


#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.496 min Scan# 2714
Delta R.T. 0.000 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23



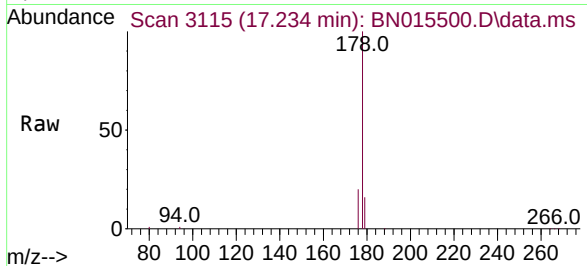
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.8	116.8
167	22.7	11.2	16.8





#15
Phenanthrene
Concen: 0.574 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23

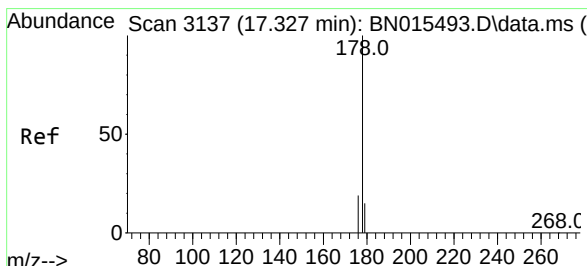
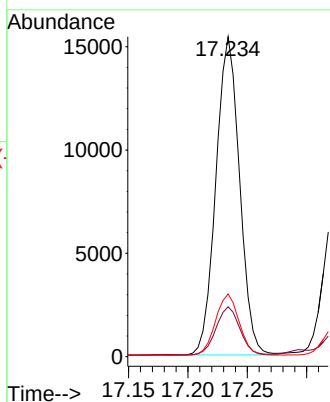
Instrument :
BNA_N
ClientSampled :
BGDX9



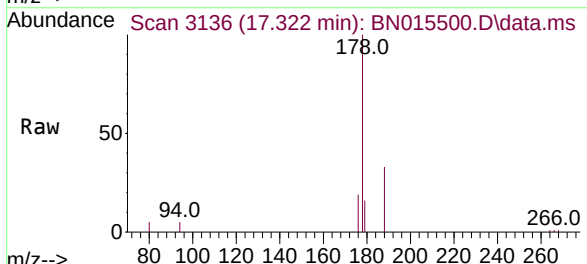
Tgt Ion:178 Resp: 21351
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.6 15.5 23.3

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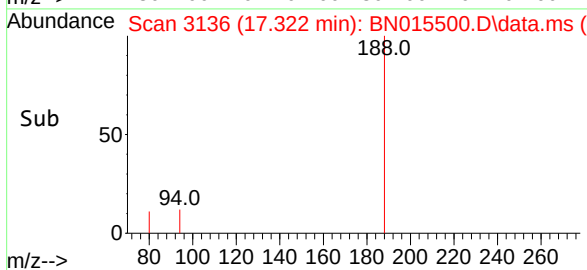
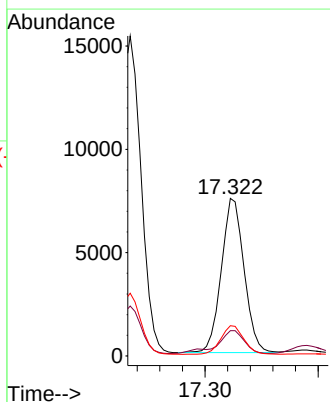
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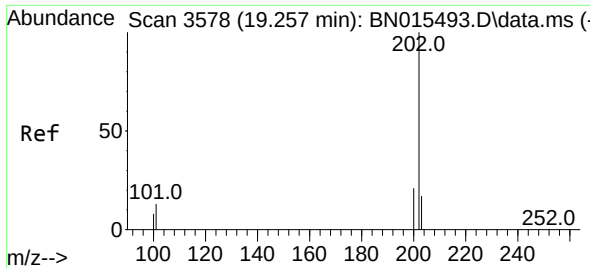


#16
Anthracene
Concen: 0.318 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23



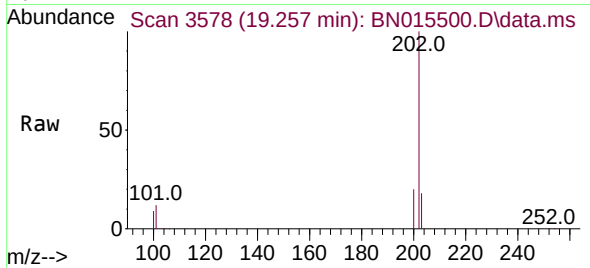
Tgt Ion:178 Resp: 10433
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 19.2 15.2 22.8





#19
Fluoranthene
Concen: 2.810 ng/u1
RT: 19.257 min Scan# 3578
Delta R.T. 0.000 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23

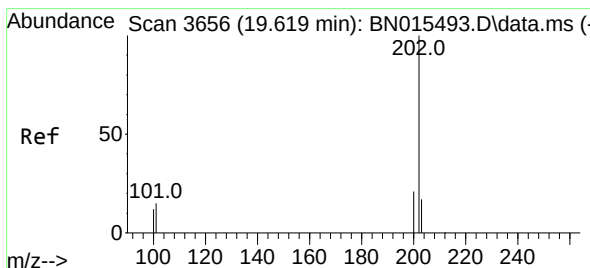
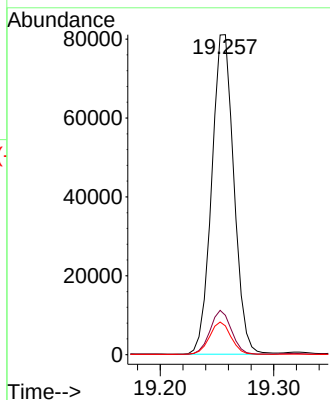
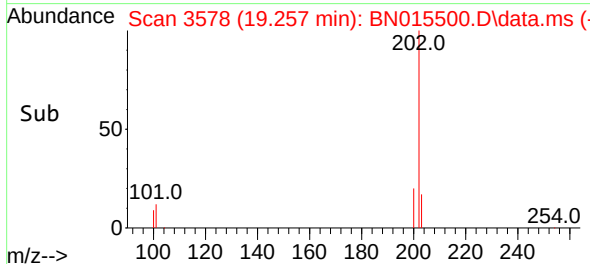
Instrument :
BNA_N
ClientSampleId :
BGDX9



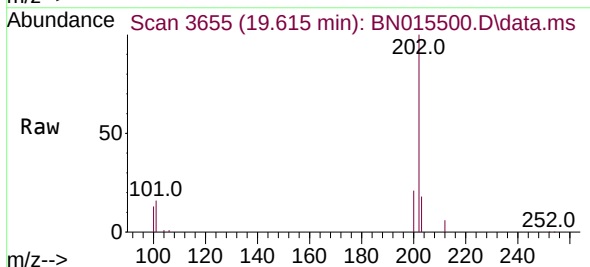
Tgt Ion:202 Resp: 109760
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 9.0 7.4 11.0

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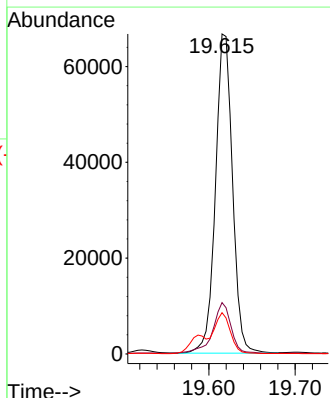
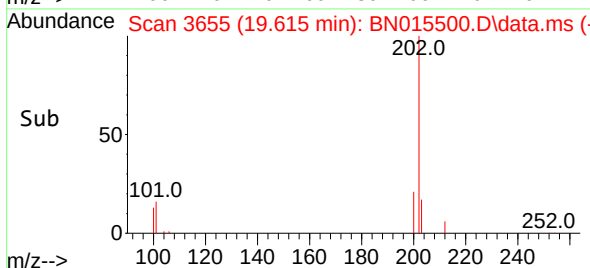
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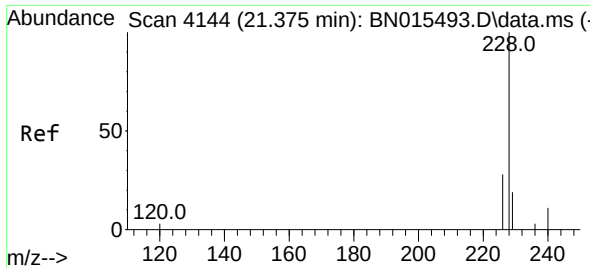


#20
Pyrene
Concen: 2.340 ng/u1
RT: 19.615 min Scan# 3655
Delta R.T. -0.005 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23



Tgt Ion:202 Resp: 91656
Ion Ratio Lower Upper
202 100
101 16.1 12.0 18.0
100 12.9 9.6 14.4





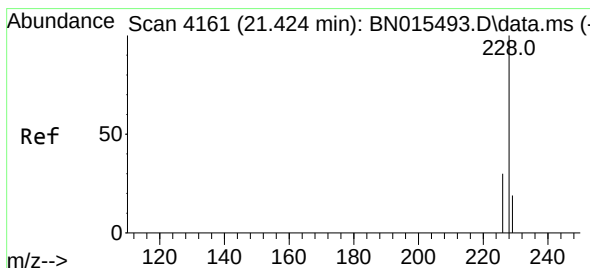
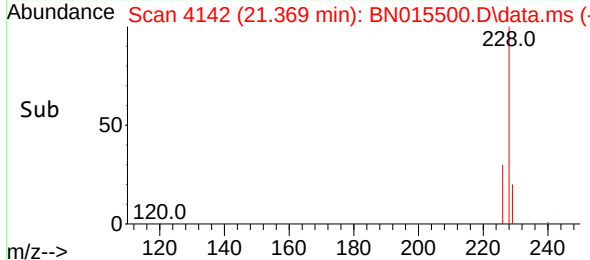
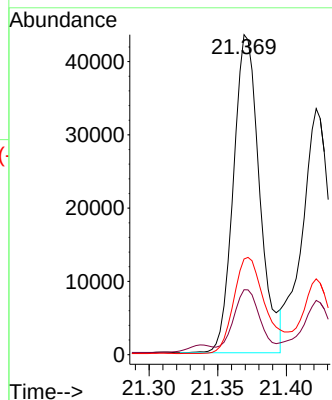
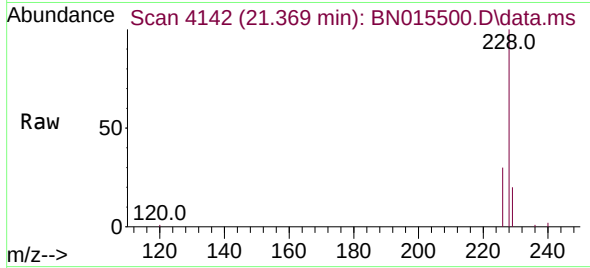
#21
Benzo(a)anthracene
Concen: 1.841 ng/ul
RT: 21.369 min Scan# 4142
Delta R.T. -0.006 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23

Tgt Ion:228	Resp:	57655
Ion Ratio	Lower	Upper
228	100	
229	20.3	15.8 23.8
226	29.9	21.8 32.8

Instrument :
BNA_N
ClientSampled :
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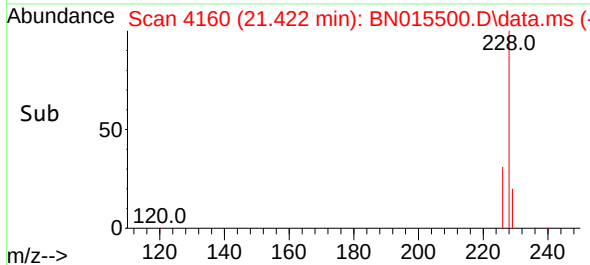
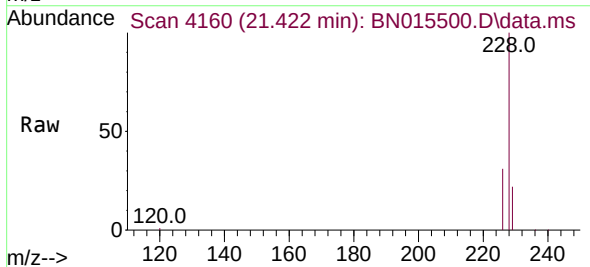
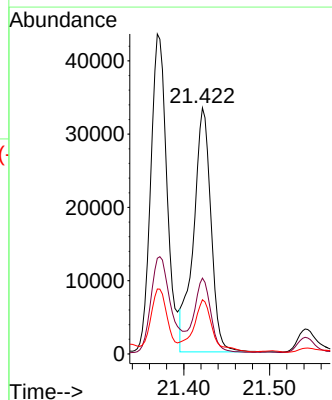
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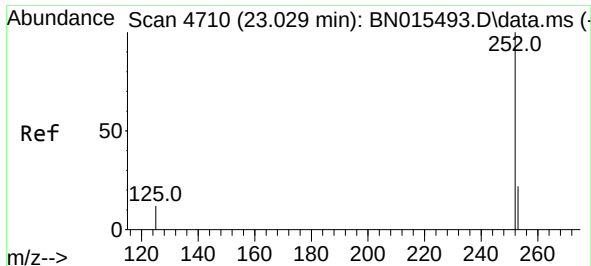
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#22
Chrysene
Concen: 1.260 ng/ul
RT: 21.422 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23

Tgt Ion:228	Resp:	47209
Ion Ratio	Lower	Upper
228	100	
226	30.8	24.6 37.0
229	22.0	15.7 23.5





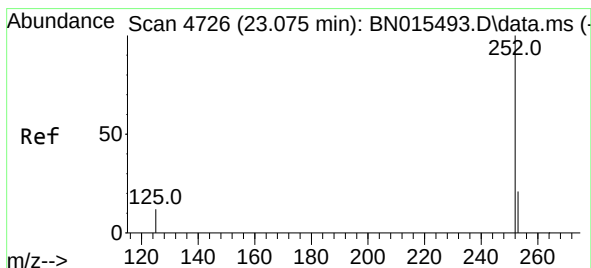
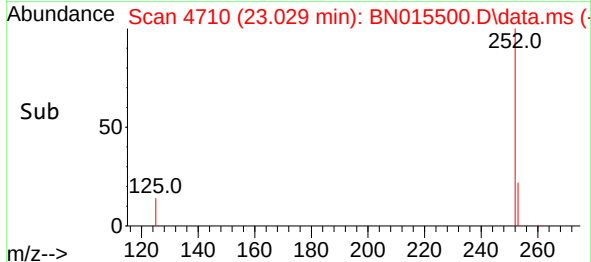
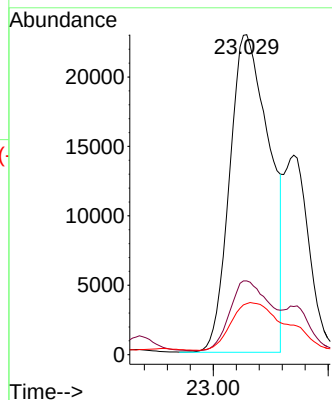
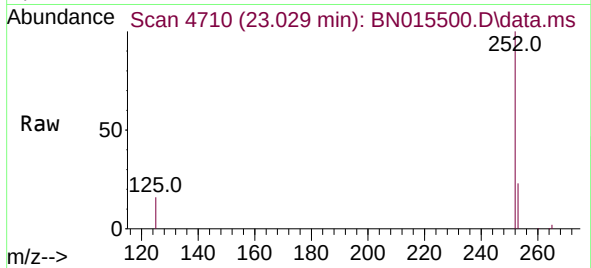
#24
Benzo(b)fluoranthene
Concen: 1.538 ng/ul m
RT: 23.029 min Scan# 4710
Delta R.T. 0.000 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23

Tgt Ion:252 Resp: 54963
Ion Ratio Lower Upper
252 100
253 23.1 0.0 45.6
125 15.9 0.0 28.4

Instrument :
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ClientSampled :
BGDX9

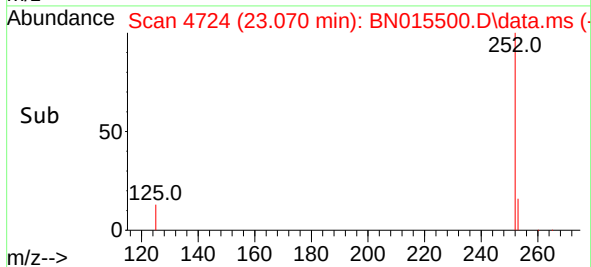
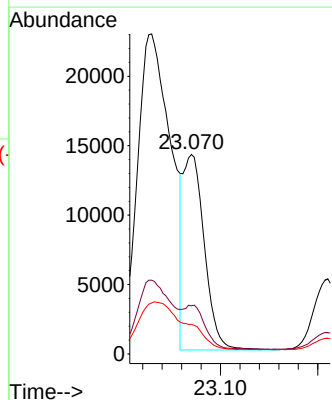
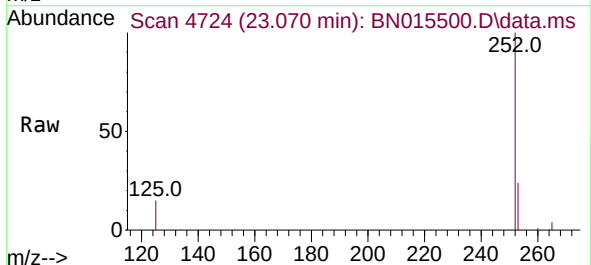
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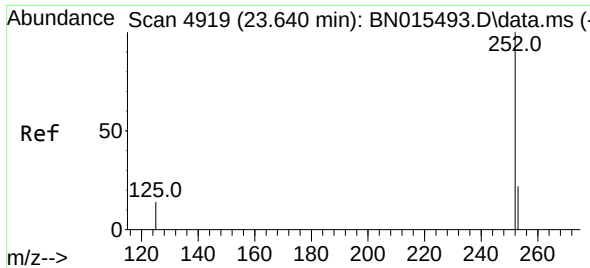
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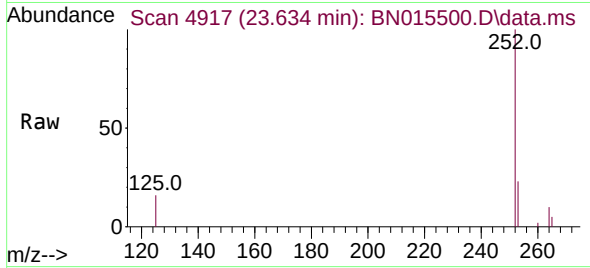
#25
Benzo(k)fluoranthene
Concen: 0.533 ng/ul m
RT: 23.070 min Scan# 4724
Delta R.T. -0.009 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23

Tgt Ion:252 Resp: 21476
Ion Ratio Lower Upper
252 100
253 24.1 18.1 27.1
125 14.9 11.5 17.3

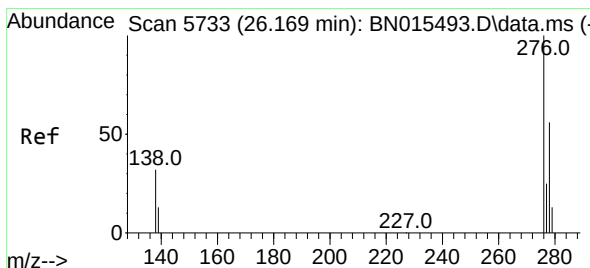
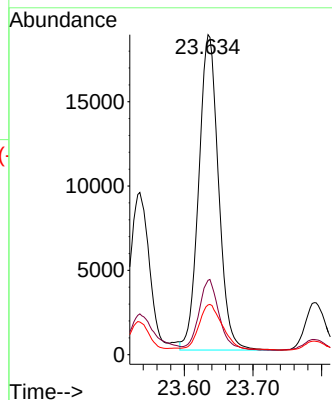
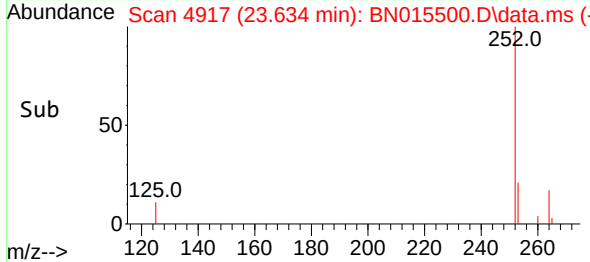




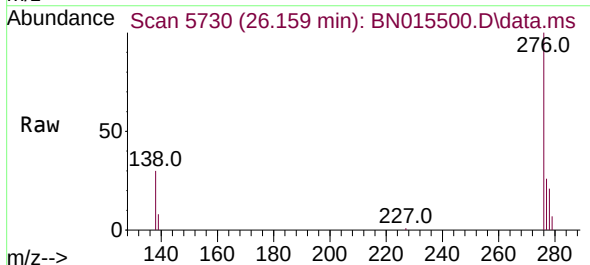
#26
Benzo(a)pyrene
Concen: 1.245 ng/ul
RT: 23.634 min Scan# 4917
Delta R.T. -0.006 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23



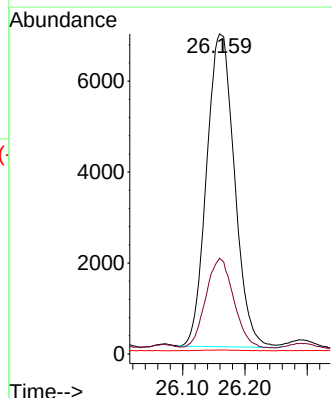
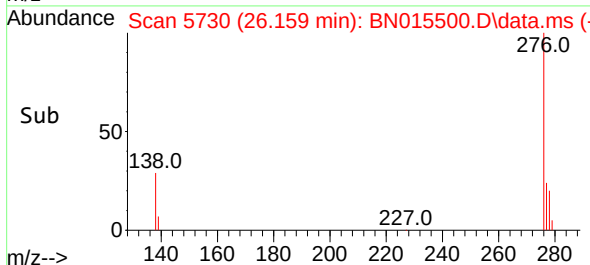
Tgt Ion:	252	Resp:	37354
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.9	28.3
125	15.5	13.5	20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.592 ng/ul
RT: 26.159 min Scan# 5730
Delta R.T. -0.010 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23



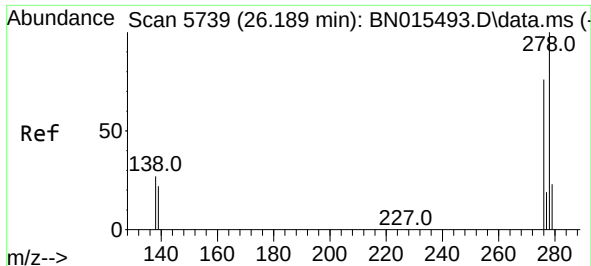
Tgt Ion:	276	Resp:	21452
Ion Ratio	Lower	Upper	
276	100		
138	28.8	26.3	39.5
227	0.0	0.1	0.1#



Instrument :
BNA_N
ClientSampled :
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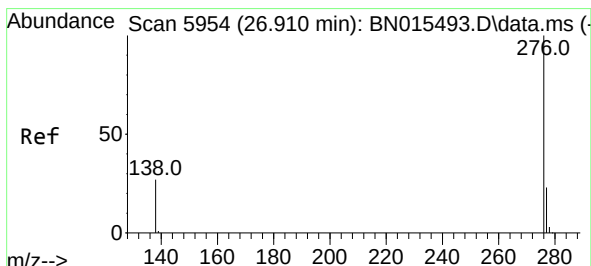
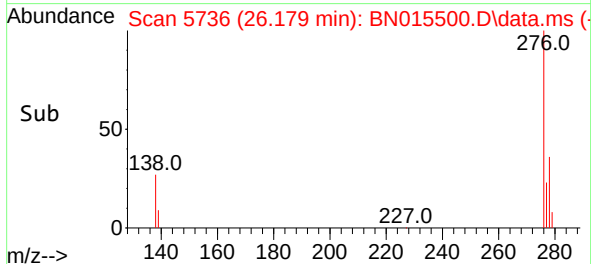
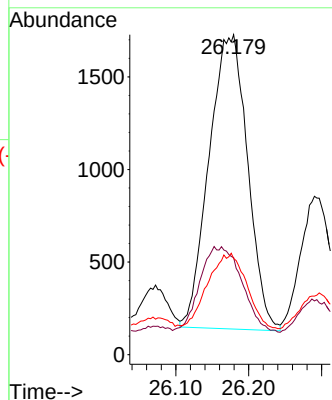
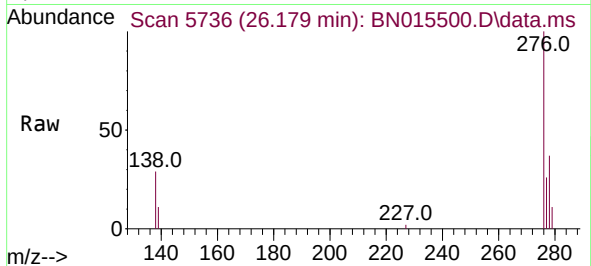
#28
Dibenzo(a,h)anthracene
Concen: 0.205 ng/ul
RT: 26.179 min Scan# 5736
Delta R.T. -0.010 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23

Tgt Ion:278 Resp: 5834
Ion Ratio Lower Upper
278 100
139 30.3 18.9 28.3#
279 30.0 20.8 31.2

Instrument :
BNA_N
ClientSampled :
BGDX9

Manual Integrations
APPROVED

mohammad
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#29
Benzo(g,h,i)perylene
Concen: 0.091 ng/ul
RT: 26.907 min Scan# 5953
Delta R.T. -0.003 min
Lab File: BN015500.D
Acq: 12 Jul 2021 21:23

Tgt Ion:276 Resp: 3052
Ion Ratio Lower Upper
276 100
138 36.6 23.0 34.4#
277 30.8 19.3 28.9#

