

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015417.D
 Acq On : 08 Jul 2021 20:27
 Operator : CG/JU
 Sample : M2825-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDR5

Manual Integrations
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Quant Time: Jul 09 01:15:47 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 : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	2710	0.400	ng/ul	0.00
4) Naphthalene-d8	10.485	136	9080	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.340	164	4738	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	9664	0.400	ng/ul	0.00
17) Chrysene-d12	21.284	240	7902	0.400	ng/ul	0.00
23) Perylene-d12	23.523	264	6820	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	2077	0.680	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	1342	0.094	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	2589	0.100	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	1053	0.036	ng/ul#	84
10) Acenaphthylene	14.057	152	643	0.026	ng/ul#	77
11) Acenaphthene	14.400	153	623	0.033	ng/ul	96
12) Fluorene	15.390	166	942	0.045	ng/ul#	93
15) Phenanthrene	17.128	178	6781	0.193	ng/ul	98
16) Anthracene	17.217	178	2712	0.088	ng/ul#	92
19) Fluoranthene	19.150	202	16726	0.458	ng/ul	100
20) Pyrene	19.512	202	21139	0.577	ng/ul	100
21) Benzo(a)anthracene	21.266	228	8435	0.288	ng/ul	96
22) Chrysene	21.319	228	7537	0.215	ng/ul	97
24) Benzo(b)fluoranthene	22.856	252	9379m	0.294	ng/ul	
25) Benzo(k)fluoranthene	22.891	252	3330m	0.093	ng/ul	
26) Benzo(a)pyrene	23.423	252	7166	0.268	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.766	276	3747	0.116	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.773	278	1009	0.040	ng/ul#	61
29) Benzo(g,h,i)perylene	26.454	276	990	0.033	ng/ul#	70

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

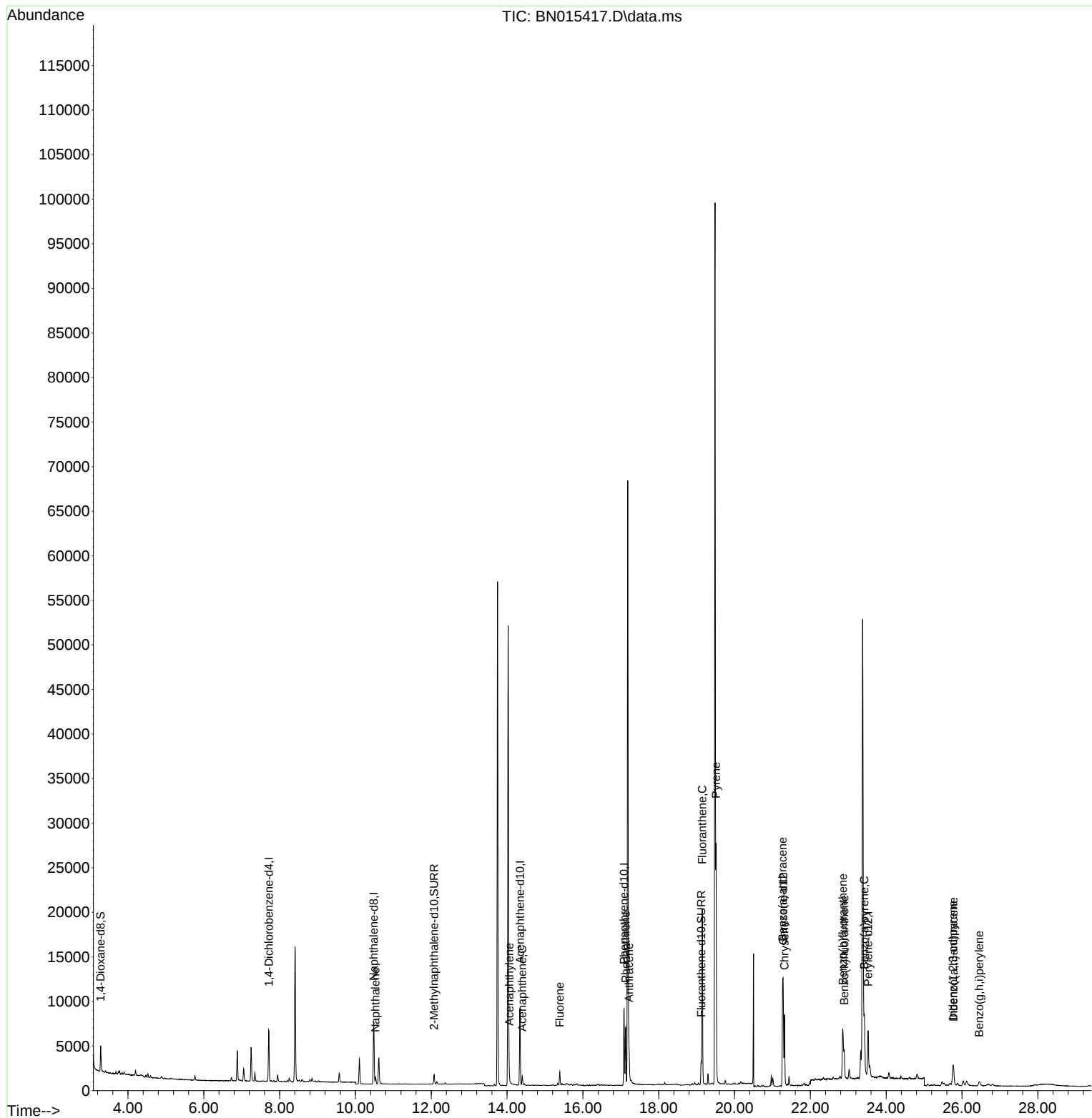
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015417.D
Acq On : 08 Jul 2021 20:27
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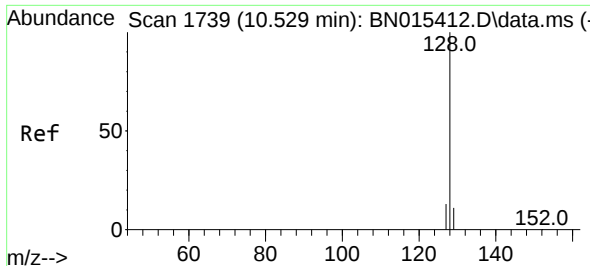
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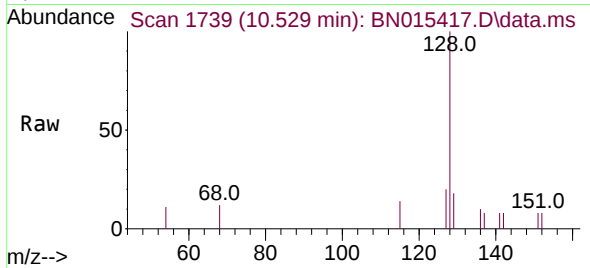
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

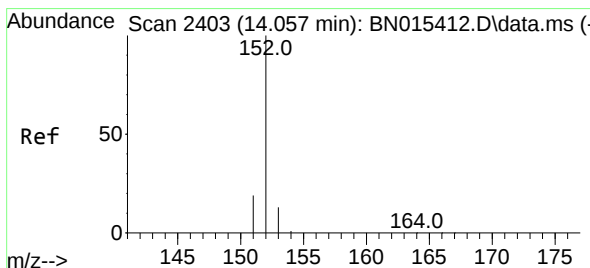
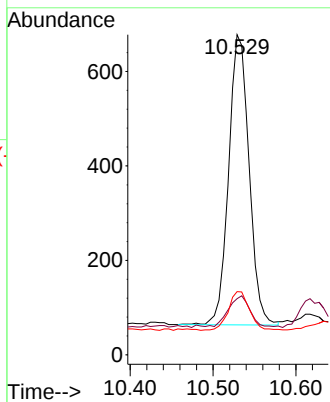
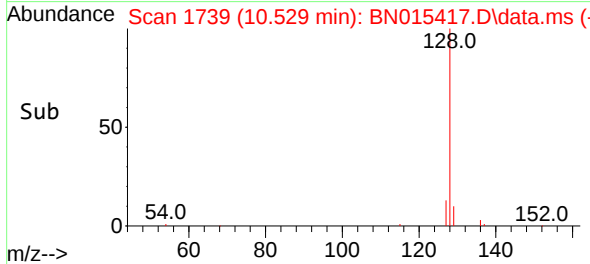




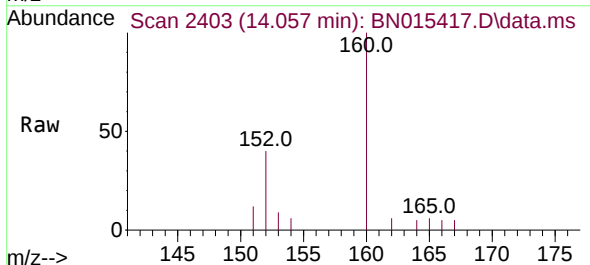
#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015417.D
Acq: 08 Jul 2021 20:27



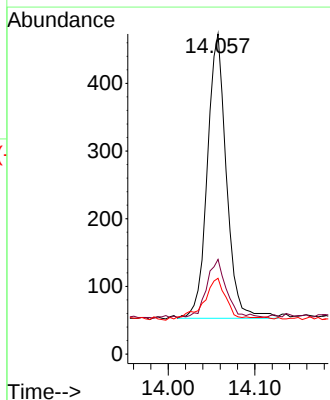
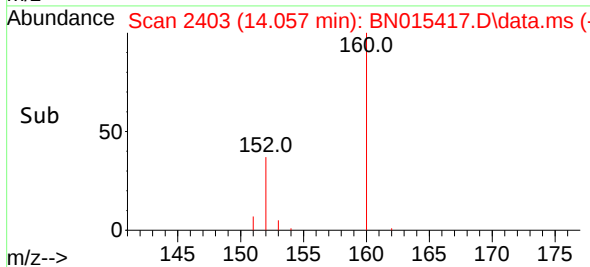
Tgt Ion:128 Resp: 1053
Ion Ratio Lower Upper
128 100
129 17.6 9.3 13.9#
127 19.8 10.8 16.2#



#10
Acenaphthylene
Concen: 0.026 ng/ul
RT: 14.057 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BN015417.D
Acq: 08 Jul 2021 20:27



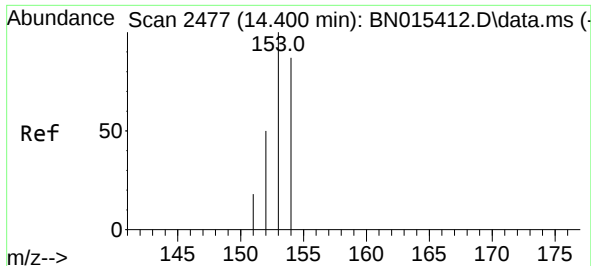
Tgt Ion:152 Resp: 643
Ion Ratio Lower Upper
152 100
151 29.6 16.0 24.0#
153 23.7 10.9 16.3#



Instrument :
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ClientSampleId :
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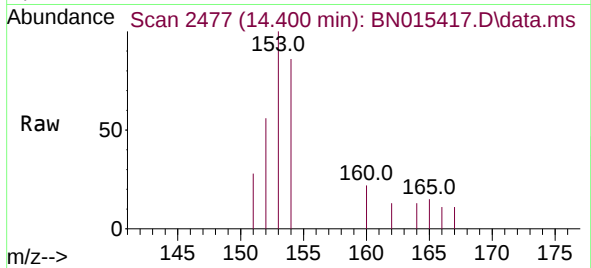
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#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015417.D
Acq: 08 Jul 2021 20:27

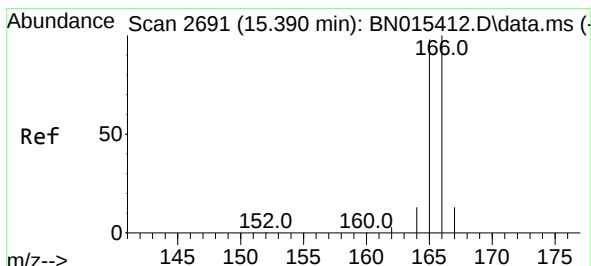
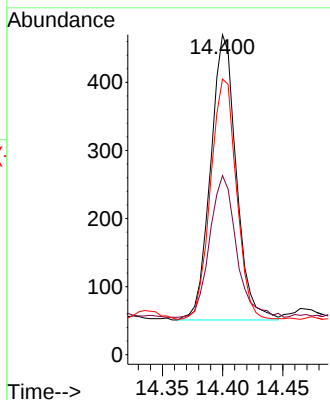
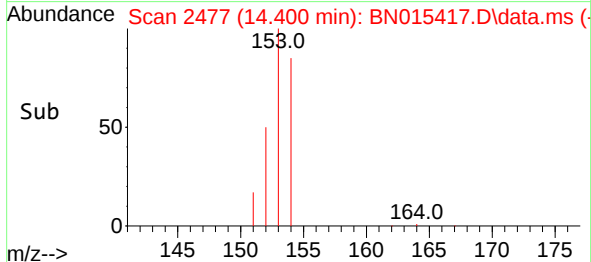
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BNA_N
ClientSampleId :
BGDR5



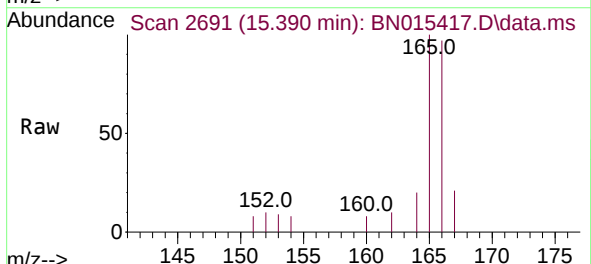
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Ion Ratio Lower Upper
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152 56.0 39.8 59.6
154 86.2 69.8 104.8

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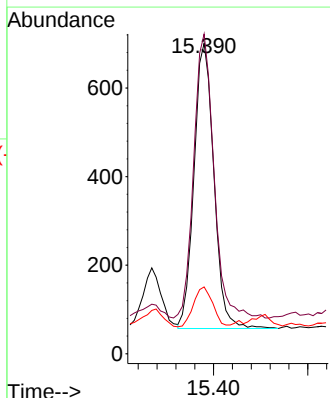
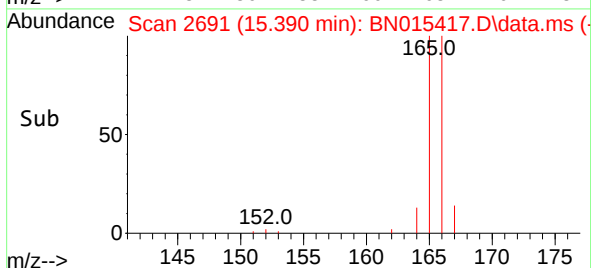
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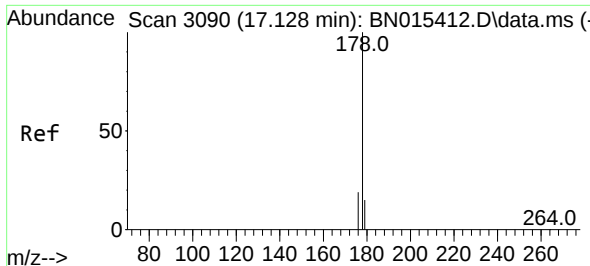


#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015417.D
Acq: 08 Jul 2021 20:27



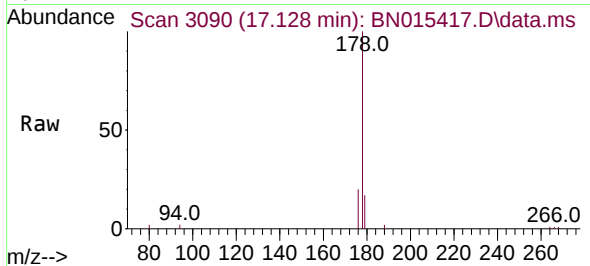
Tgt Ion:166 Resp: 942
Ion Ratio Lower Upper
166 100
165 103.0 77.8 116.8
167 21.5 11.2 16.8#





#15
Phenanthrene
Concen: 0.193 ng/u1
RT: 17.128 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BN015417.D
Acq: 08 Jul 2021 20:27

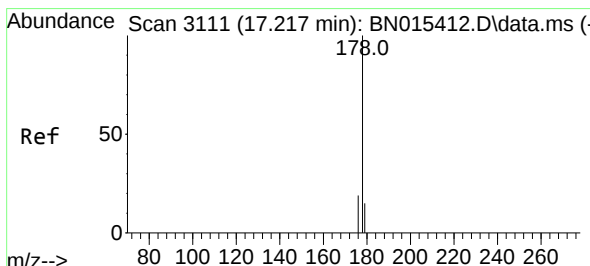
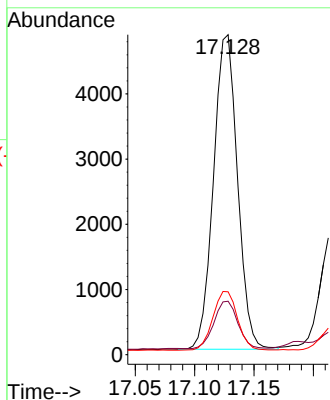
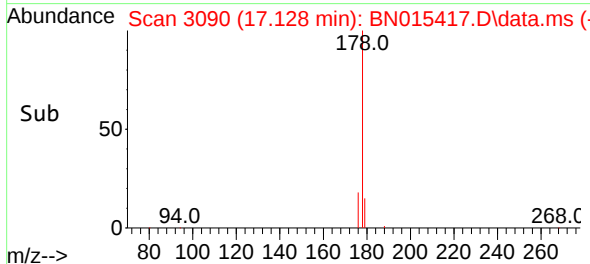
Instrument :
BNA_N
ClientSampled :
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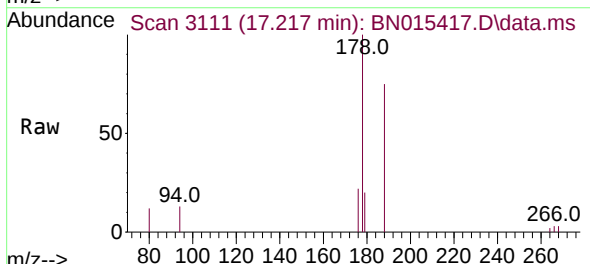
Tgt Ion:178 Resp: 6781
Ion Ratio Lower Upper
178 100
179 16.7 12.3 18.5
176 19.6 15.5 23.3

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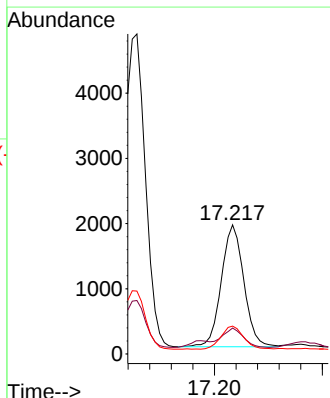
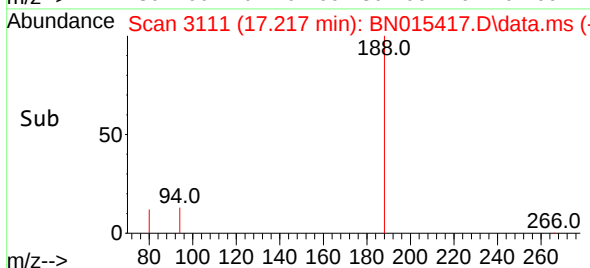
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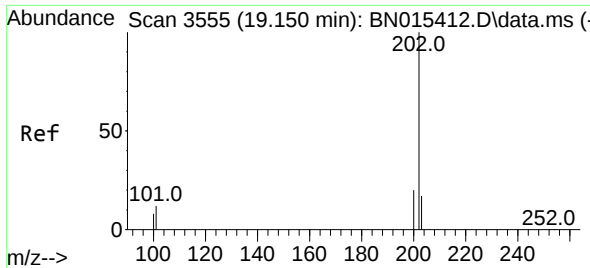


#16
Anthracene
Concen: 0.088 ng/u1
RT: 17.217 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN015417.D
Acq: 08 Jul 2021 20:27



Tgt Ion:178 Resp: 2712
Ion Ratio Lower Upper
178 100
179 20.1 12.8 19.2#
176 21.6 15.2 22.8





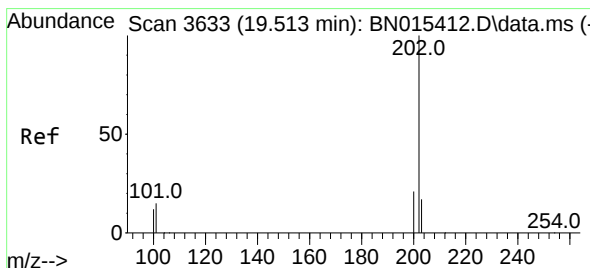
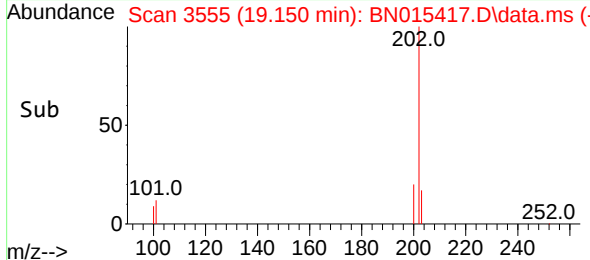
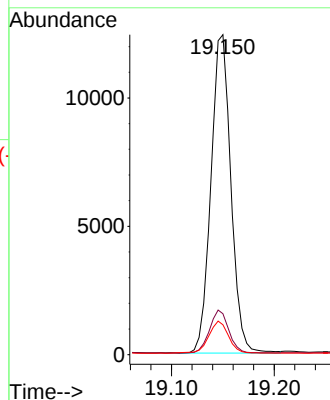
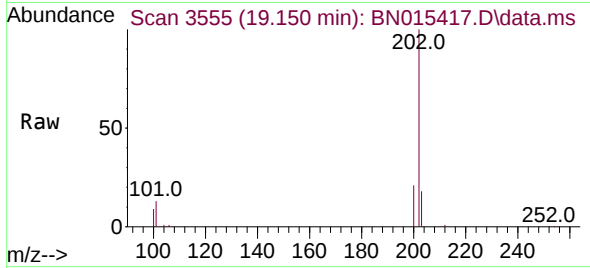
#19
Fluoranthene
Concen: 0.458 ng/ul
RT: 19.150 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BN015417.D
Acq: 08 Jul 2021 20:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.1	15.1
100	9.4	7.4	11.0

Instrument :
BNA_N
ClientSampleId :
BGDR5

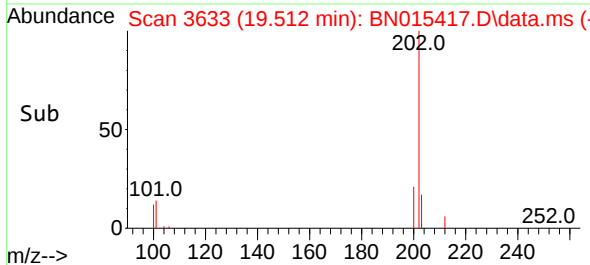
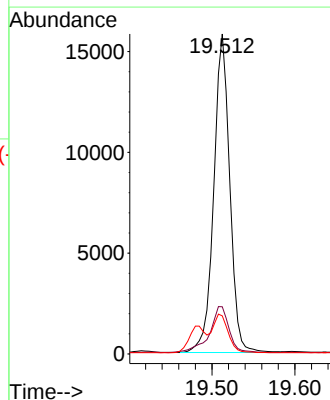
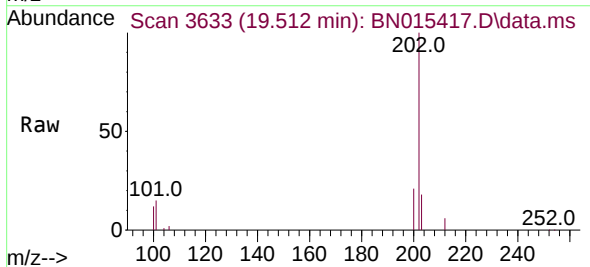
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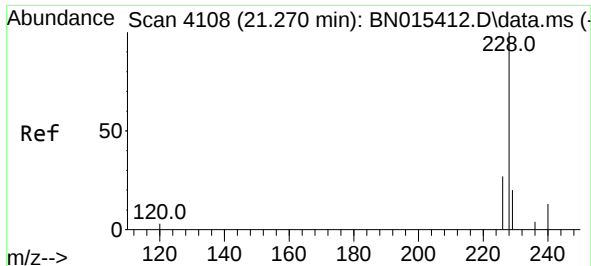
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#20
Pyrene
Concen: 0.577 ng/ul
RT: 19.512 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015417.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.0	18.0
100	11.9	9.6	14.4





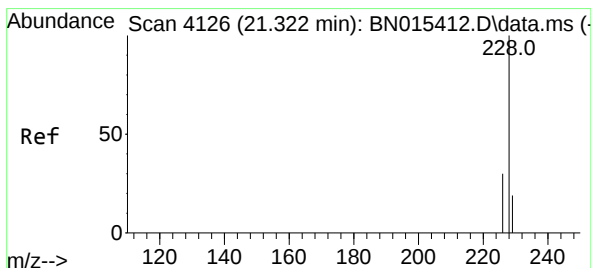
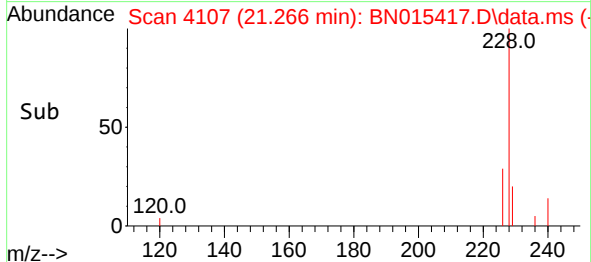
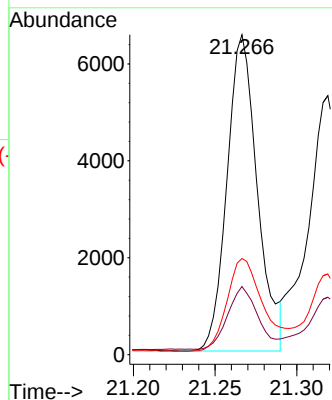
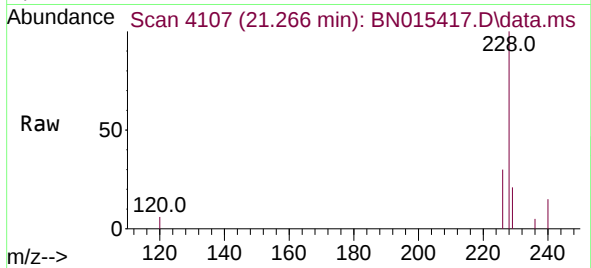
#21
Benzo(a)anthracene
Concen: 0.288 ng/ul
RT: 21.266 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BN015417.D
Acq: 08 Jul 2021 20:27

Tgt Ion:228	Resp:	8435
Ion Ratio	Lower	Upper
228	100	
229	21.3	15.8 23.8
226	30.0	21.8 32.8

Instrument :
BNA_N
ClientSampled :
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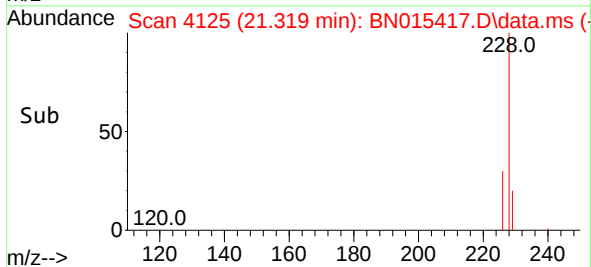
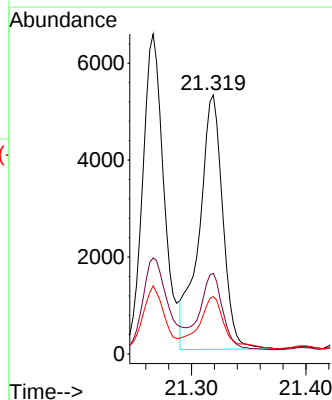
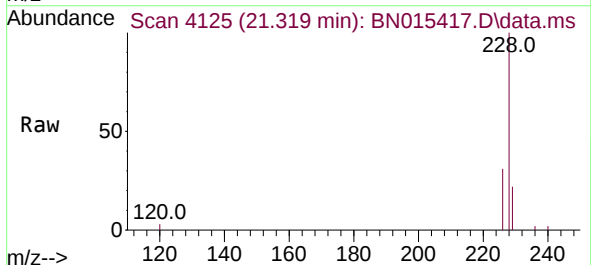
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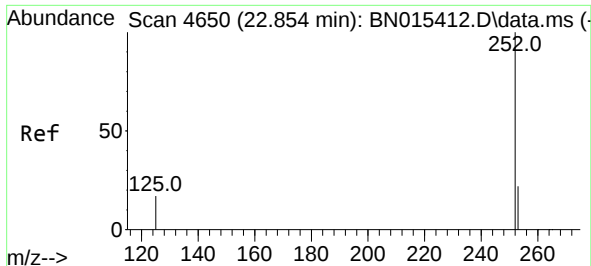
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#22
Chrysene
Concen: 0.215 ng/ul
RT: 21.319 min Scan# 4125
Delta R.T. -0.003 min
Lab File: BN015417.D
Acq: 08 Jul 2021 20:27

Tgt Ion:228	Resp:	7537
Ion Ratio	Lower	Upper
228	100	
226	31.1	24.6 37.0
229	22.2	15.7 23.5





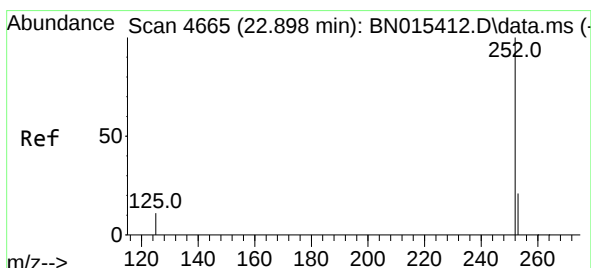
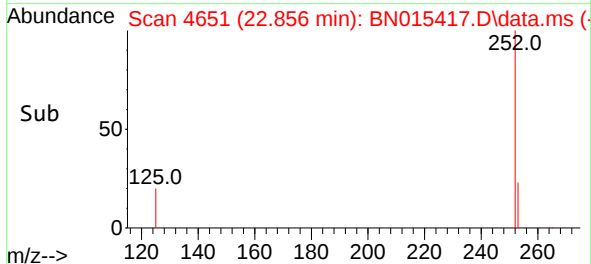
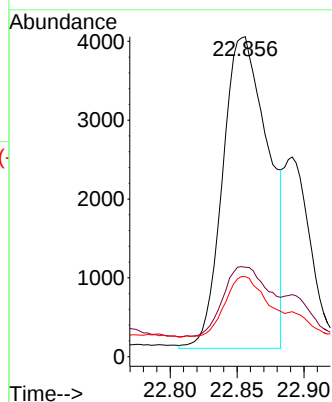
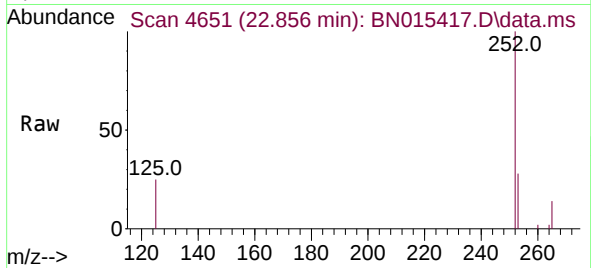
#24
Benzo(b)fluoranthene
Concen: 0.294 ng/ul m
RT: 22.856 min Scan# 4651
Delta R.T. 0.000 min
Lab File: BN015417.D
Acq: 08 Jul 2021 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	45.6
125	25.0	0.0	28.4

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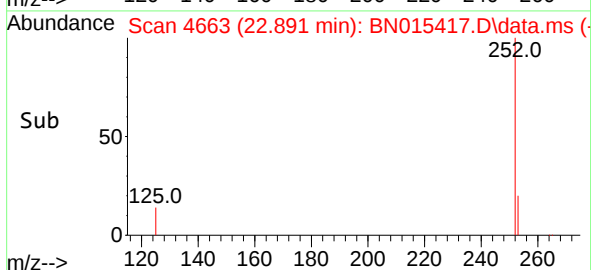
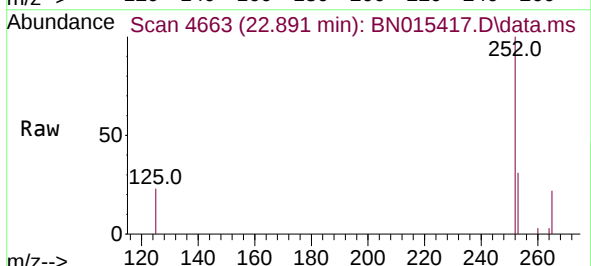
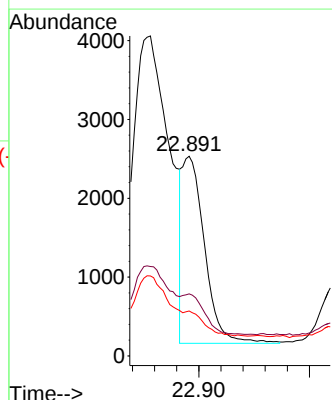
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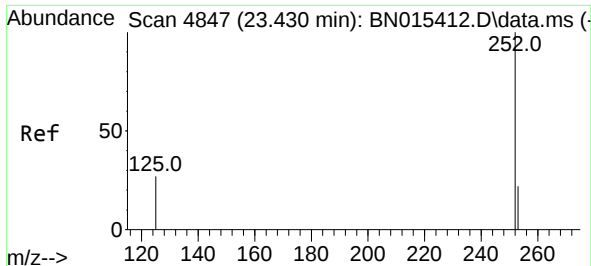
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#25
Benzo(k)fluoranthene
Concen: 0.093 ng/ul m
RT: 22.891 min Scan# 4663
Delta R.T. -0.009 min
Lab File: BN015417.D
Acq: 08 Jul 2021 20:27

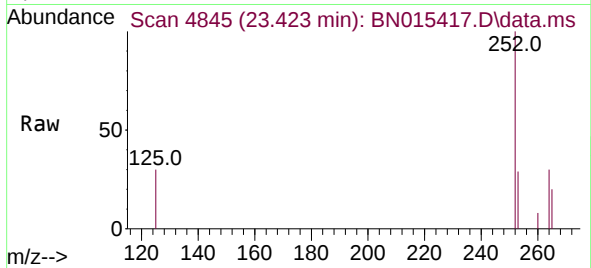
Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.1	18.1	27.1#
125	22.5	11.5	17.3#





#26
Benzo(a)pyrene
Concen: 0.268 ng/ul
RT: 23.423 min Scan# 4845
Delta R.T. -0.006 min
Lab File: BN015417.D
Acq: 08 Jul 2021 20:27

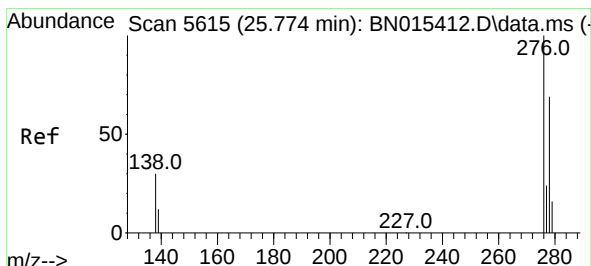
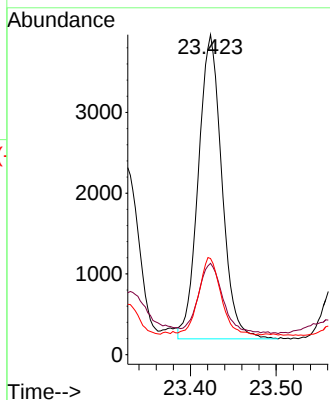
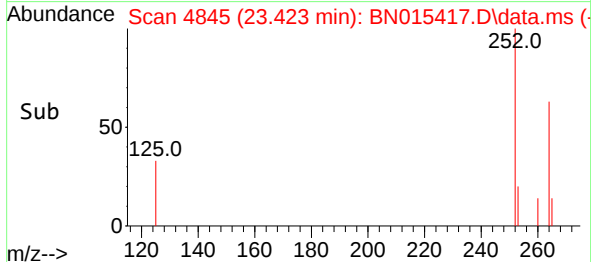
Instrument :
BNA_N
ClientSampled :
BGDR5



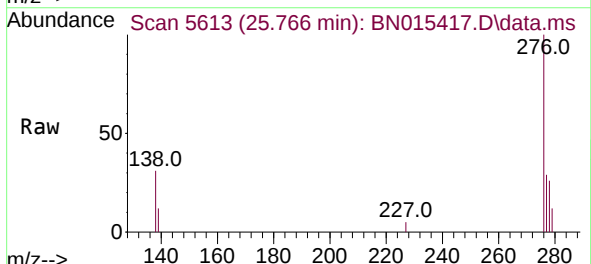
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Ion Ratio Lower Upper
252 100
253 28.5 18.9 28.3#
125 30.1 13.5 20.3#

Manual Integrations
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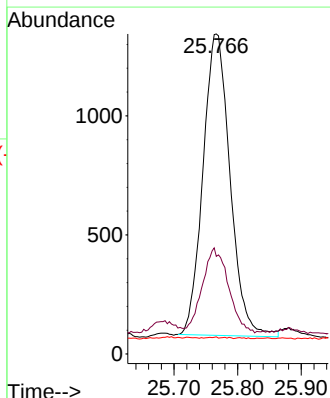
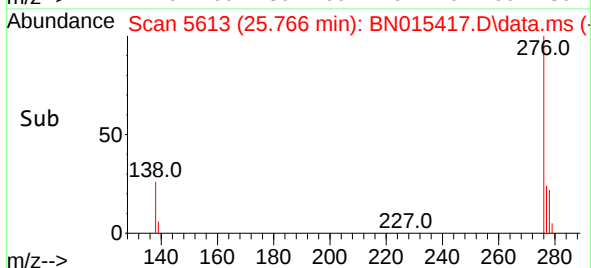
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7/9/2021 3:03:49 PM

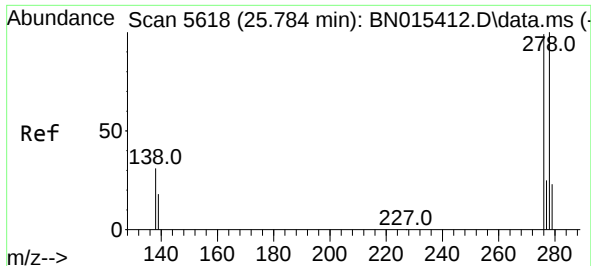


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.116 ng/ul
RT: 25.766 min Scan# 5613
Delta R.T. -0.010 min
Lab File: BN015417.D
Acq: 08 Jul 2021 20:27



Tgt Ion:276 Resp: 3747
Ion Ratio Lower Upper
276 100
138 27.0 26.3 39.5
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.040 ng/ul

RT: 25.773 min Scan# 5615

Delta R.T. -0.017 min

Lab File: BN015417.D

Acq: 08 Jul 2021 20:27

Tgt Ion:	278	Resp:	1009
Ion Ratio	Lower	Upper	
278	100		
139	42.3	18.9	28.3#
279	45.8	20.8	31.2#

Instrument :

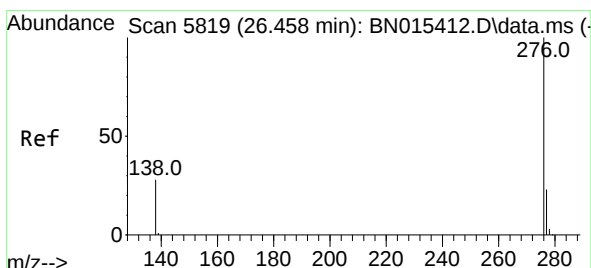
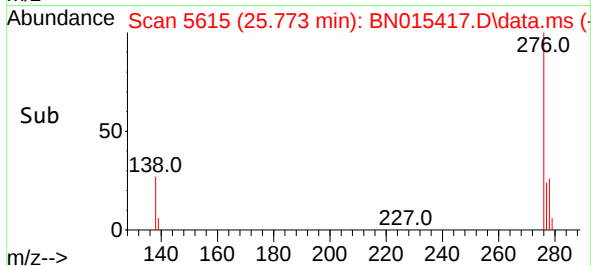
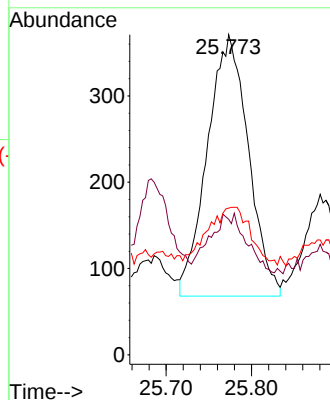
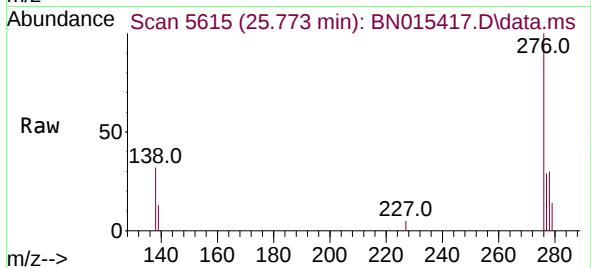
BNA_N

ClientSampled :

BGDR5

Manual Integrations
APPROVED

mohammad
7/9/2021 3:03:49 PM



#29

Benzo(g,h,i)perylene

Concen: 0.033 ng/ul

RT: 26.454 min Scan# 5818

Delta R.T. -0.010 min

Lab File: BN015417.D

Acq: 08 Jul 2021 20:27

Tgt Ion:	276	Resp:	990
Ion Ratio	Lower	Upper	
276	100		
138	43.3	23.0	34.4#
277	40.5	19.3	28.9#

