

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015447.D
 Acq On : 09 Jul 2021 15:47
 Operator : CG/JU
 Sample : M2854-15
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD9

Manual Integrations
 APPROVED

mohammad
 7/12/2021 9:32:02 AM

Quant Time: Jul 09 16:27:04 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	2571	0.400	ng/ul	0.00
4) Naphthalene-d8	10.480	136	9145	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.340	164	4956	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	9918	0.400	ng/ul	0.00
17) Chrysene-d12	21.287	240	8383	0.400	ng/ul	0.00
23) Perylene-d12	23.526	264	7596	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	8258	2.850	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	3090	0.215	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	6820	0.248	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	3191	0.109	ng/ul#	95
7) 2-Methylnaphthalene	12.146	142	385	0.020	ng/ul	100
10) Acenaphthylene	14.053	152	3512	0.137	ng/ul	95
11) Acenaphthene	14.400	153	1362	0.069	ng/ul	96
12) Fluorene	15.390	166	2419	0.111	ng/ul#	98
15) Phenanthrene	17.124	178	28111	0.781	ng/ul	100
16) Anthracene	17.217	178	11977	0.377	ng/ul	99
19) Fluoranthene	19.150	202	81704	2.109	ng/ul	99
20) Pyrene	19.513	202	45826	1.180	ng/ul	99
21) Benzo(a)anthracene	21.270	228	37958	1.222	ng/ul	96
22) Chrysene	21.322	228	28552	0.768	ng/ul	98
24) Benzo(b)fluoranthene	22.860	252	33470m	0.943	ng/ul	
25) Benzo(k)fluoranthene	22.898	252	14623m	0.365	ng/ul	
26) Benzo(a)pyrene	23.430	252	10929	0.367	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.774	276	8115	0.225	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.784	278	3646	0.129	ng/ul#	86

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

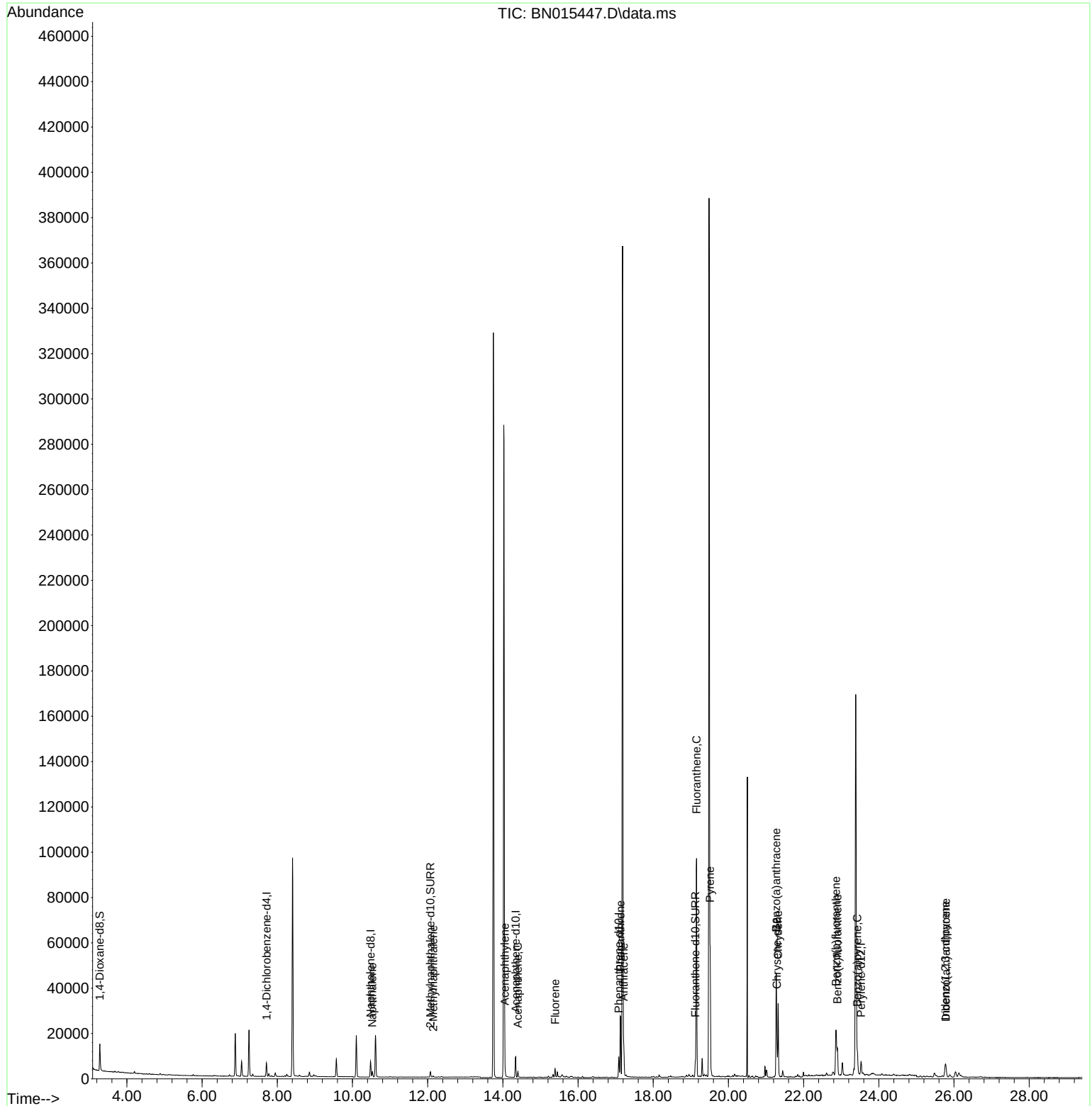
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015447.D
Acq On : 09 Jul 2021 15:47
Operator : CG/JU
Sample : M2854-15
Misc :
ALS Vial : 48 Sample Multiplier: 1

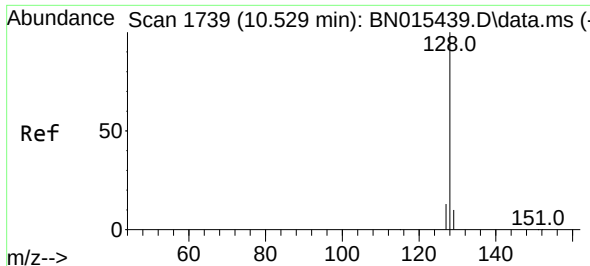
Instrument :
BNA_N
ClientSampleId :
BGDT9

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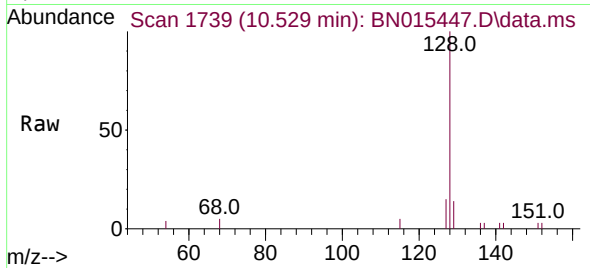
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Quant Time: Jul 09 16:27:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 11:17:31 2021
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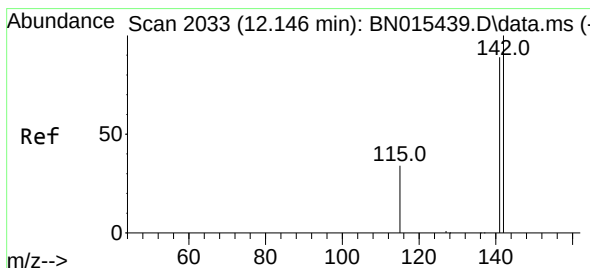
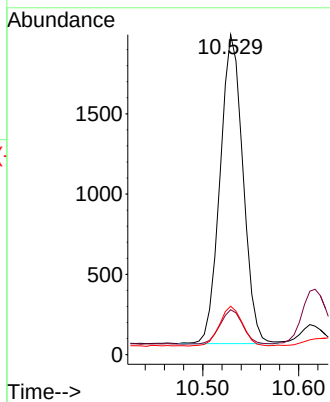
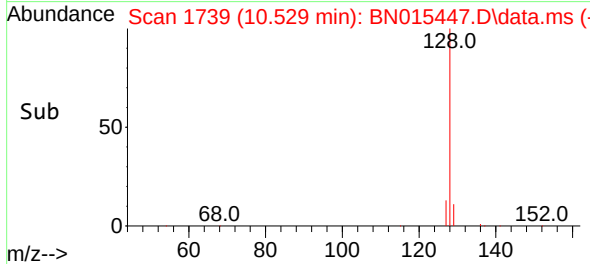




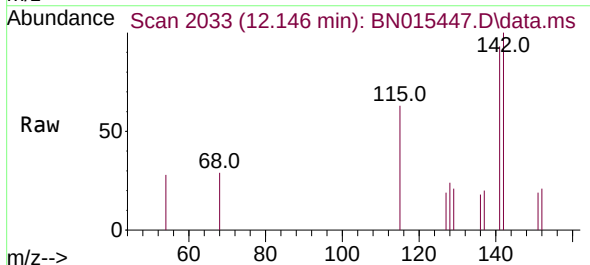
#5
Naphthalene
Concen: 0.109 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015447.D
Acq: 09 Jul 2021 15:47



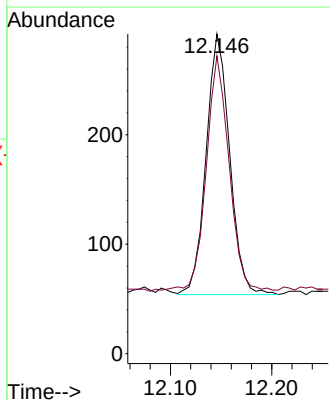
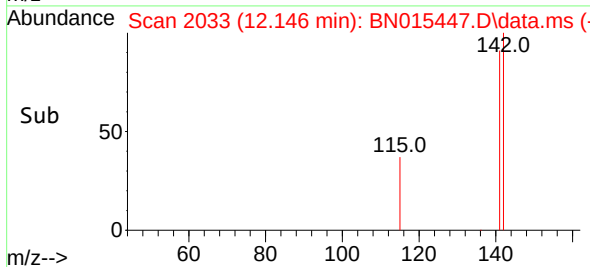
Tgt Ion:128 Resp: 3191
Ion Ratio Lower Upper
128 100
129 14.0 9.3 13.9#
127 15.2 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015447.D
Acq: 09 Jul 2021 15:47



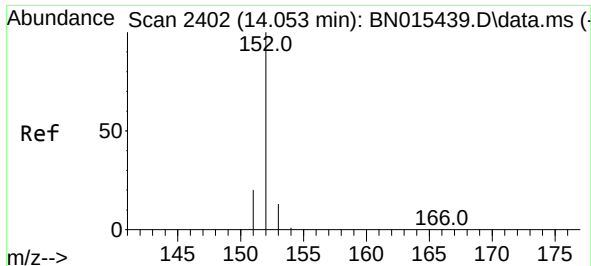
Tgt Ion:142 Resp: 385
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5



Instrument :
BNA_N
ClientSampleId :
BGDT9

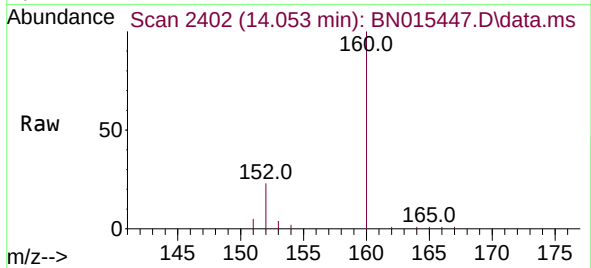
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#10
Acenaphthylene
Concen: 0.137 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015447.D
Acq: 09 Jul 2021 15:47

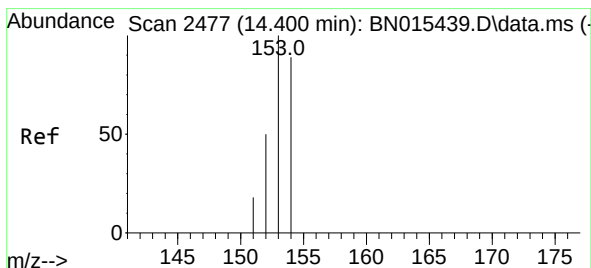
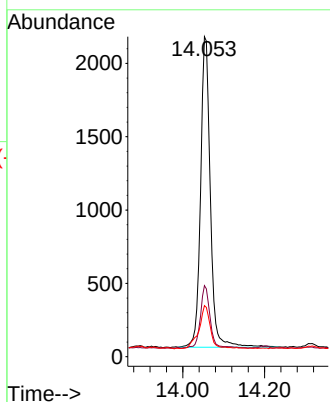
Instrument :
BNA_N
ClientSampleId :
BGDT9



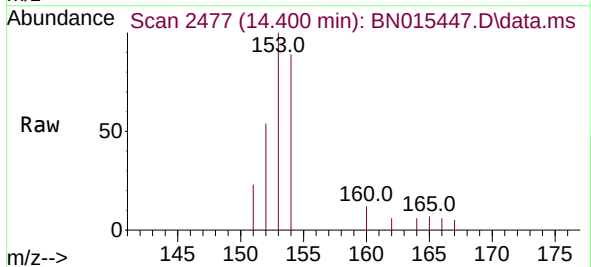
Tgt Ion:	152	Resp:	3512
Ion Ratio	Lower	Upper	
152	100		
151	22.2	16.0	24.0
153	15.9	10.9	16.3

Manual Integrations
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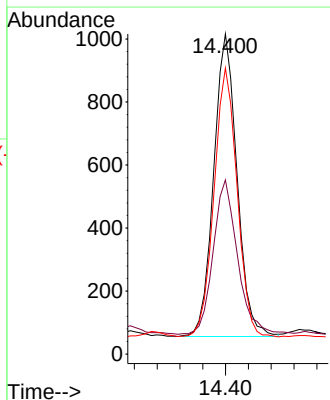
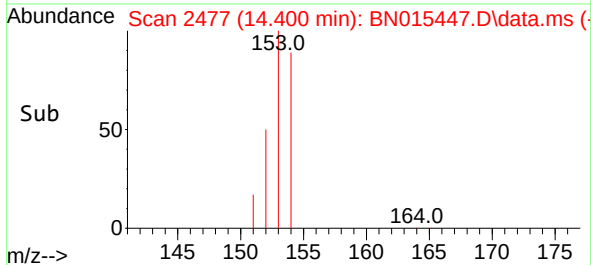
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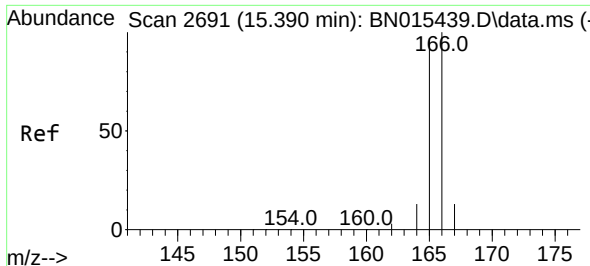


#11
Acenaphthene
Concen: 0.069 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015447.D
Acq: 09 Jul 2021 15:47



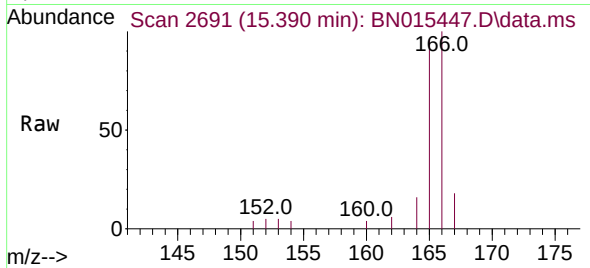
Tgt Ion:	153	Resp:	1362
Ion Ratio	Lower	Upper	
153	100		
152	54.4	39.8	59.6
154	89.4	69.8	104.8





#12
Fluorene
Concen: 0.111 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015447.D
Acq: 09 Jul 2021 15:47

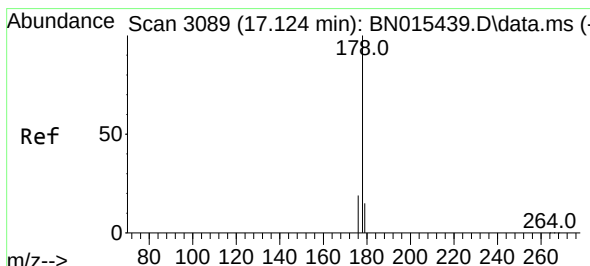
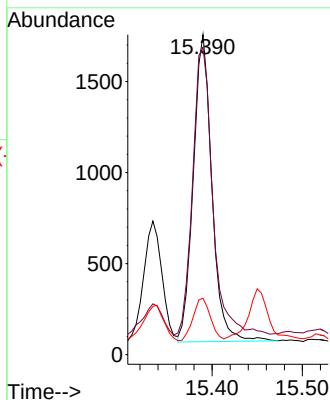
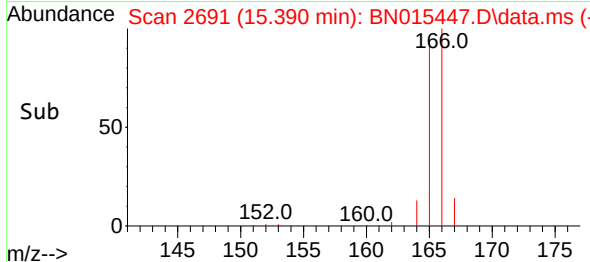
Instrument :
BNA_N
ClientSampled :
BGDT9



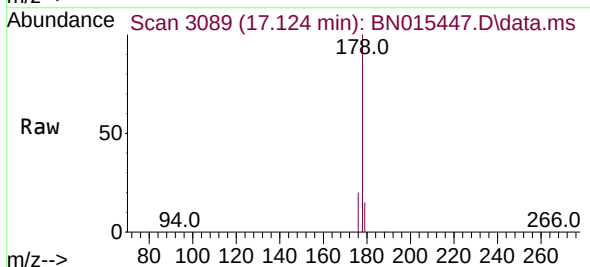
Tgt Ion:166 Resp: 2419
Ion Ratio Lower Upper
166 100
165 96.1 77.8 116.8
167 17.6 11.2 16.8#

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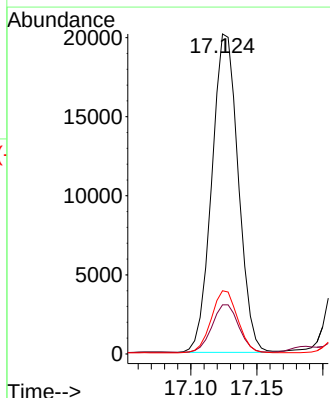
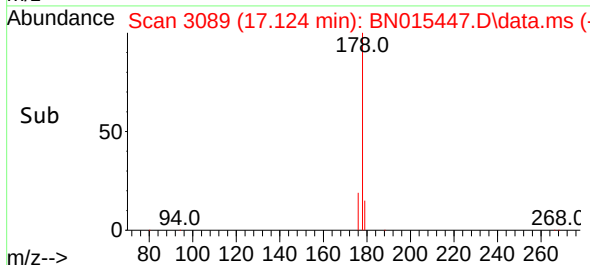
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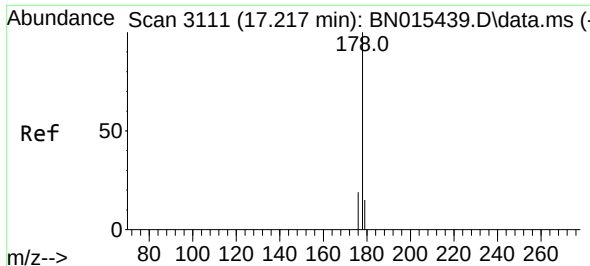


#15
Phenanthrene
Concen: 0.781 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015447.D
Acq: 09 Jul 2021 15:47

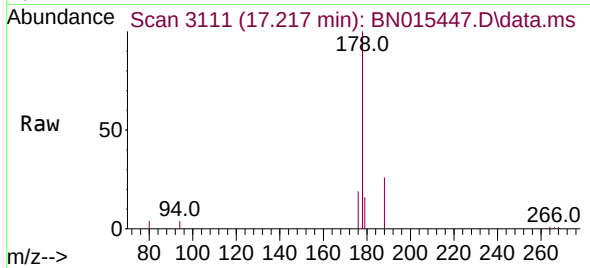


Tgt Ion:178 Resp: 28111
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.7 15.5 23.3



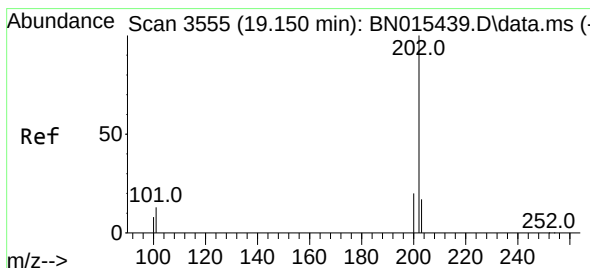
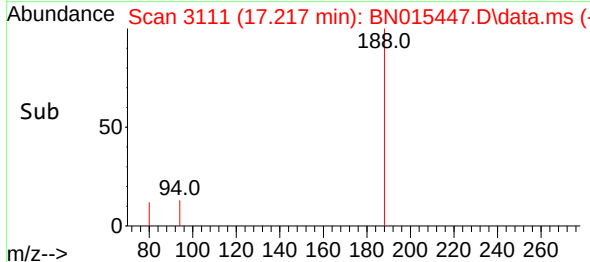
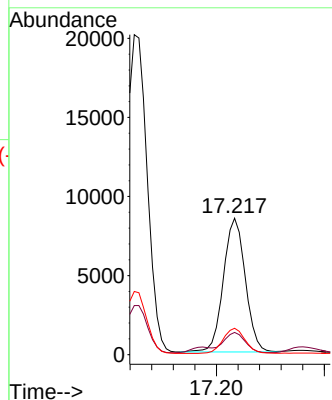


#16
 Anthracene
 Concen: 0.377 ng/ul
 RT: 17.217 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: BN015447.D
 Acq: 09 Jul 2021 15:47

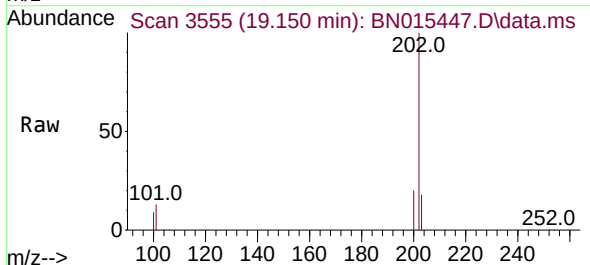


Tgt Ion:178 Resp: 11977

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	19.4	15.2	22.8

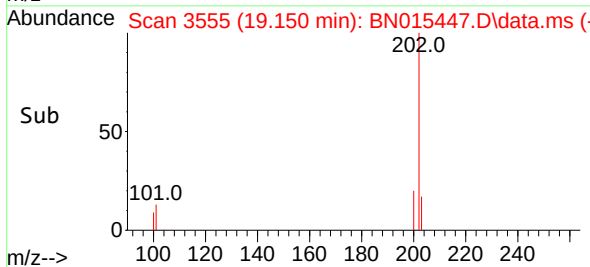
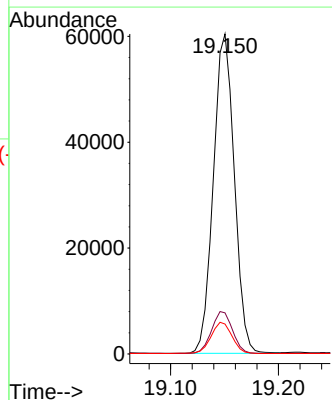


#19
 Fluoranthene
 Concen: 2.109 ng/ul
 RT: 19.150 min Scan# 3555
 Delta R.T. 0.001 min
 Lab File: BN015447.D
 Acq: 09 Jul 2021 15:47



Tgt Ion:202 Resp: 81704

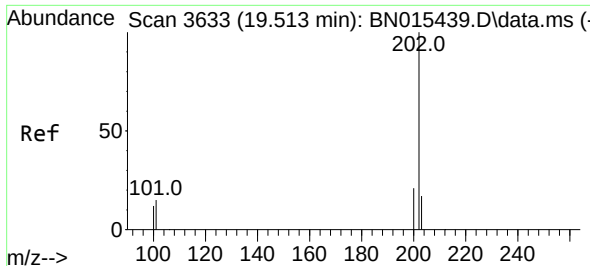
Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.1	15.1
100	9.3	7.4	11.0



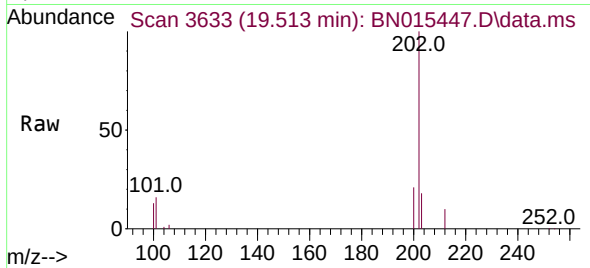
Instrument :
 BNA_N
 ClientSampleId :
 BGD79

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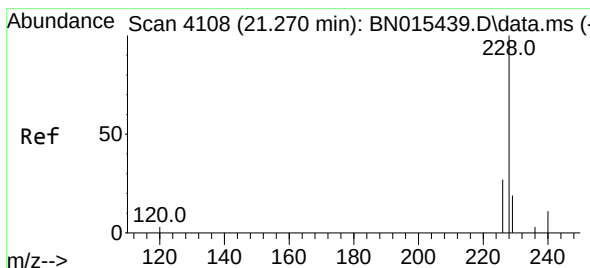
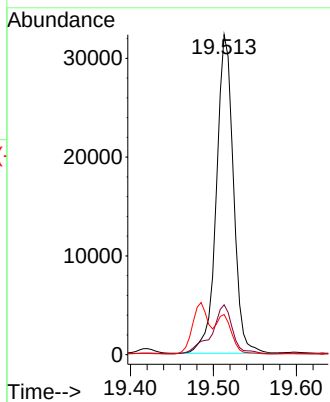
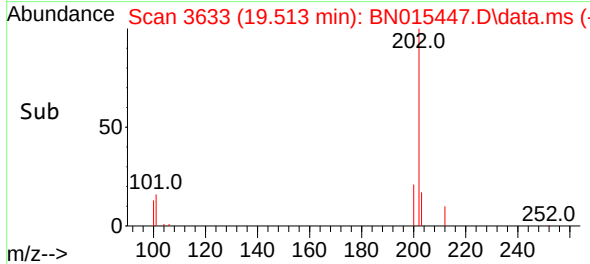
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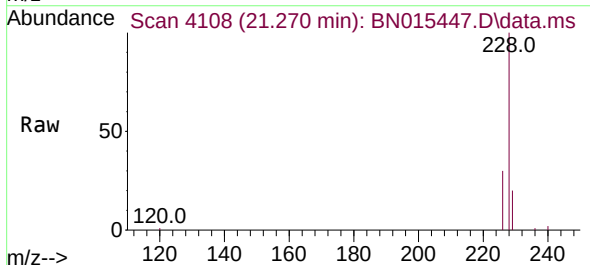
#20
Pyrene
Concen: 1.180 ng/ul
RT: 19.513 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015447.D
Acq: 09 Jul 2021 15:47



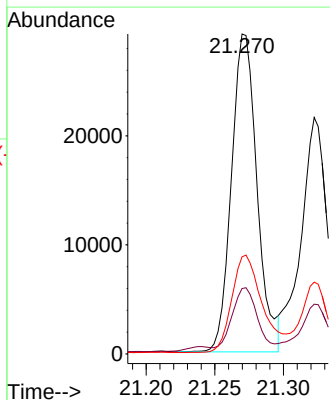
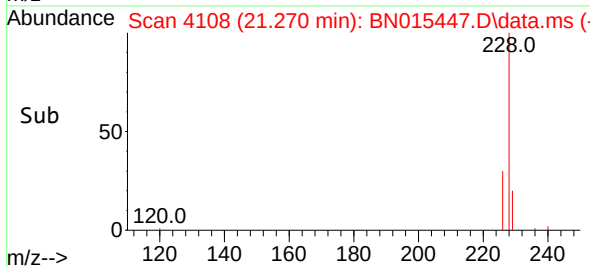
Tgt Ion:202 Resp: 45826
Ion Ratio Lower Upper
202 100
101 15.6 12.0 18.0
100 12.5 9.6 14.4



#21
Benzo(a)anthracene
Concen: 1.222 ng/ul
RT: 21.270 min Scan# 4108
Delta R.T. -0.002 min
Lab File: BN015447.D
Acq: 09 Jul 2021 15:47



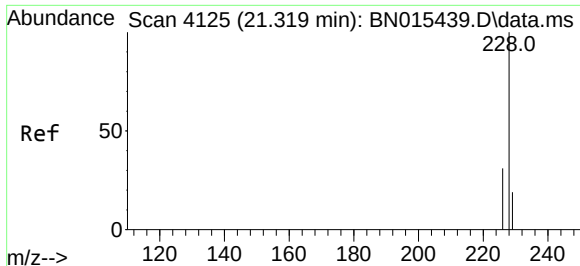
Tgt Ion:228 Resp: 37958
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.8
226 30.4 21.8 32.8



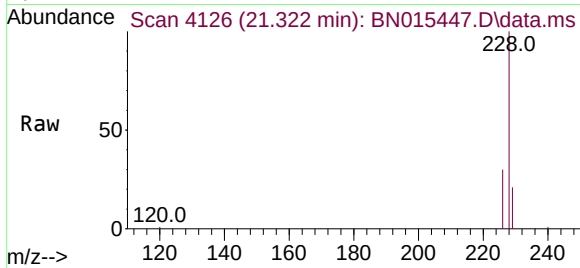
Instrument :
BNA_N
ClientSampleId :
BGDT9

Manual Integrations
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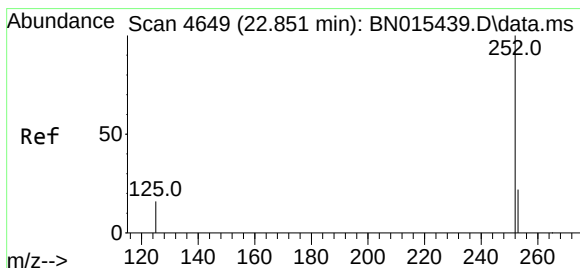
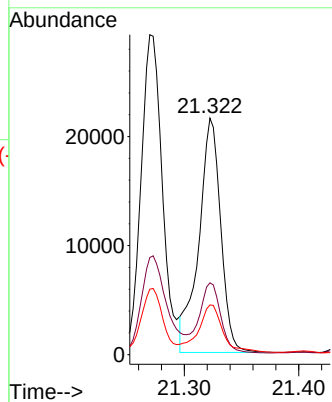
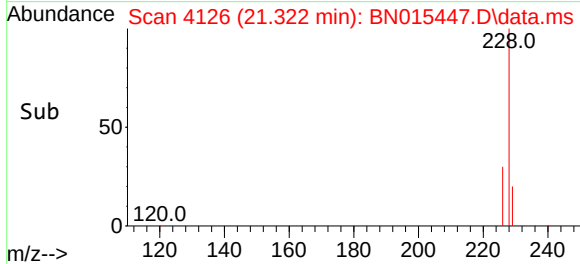
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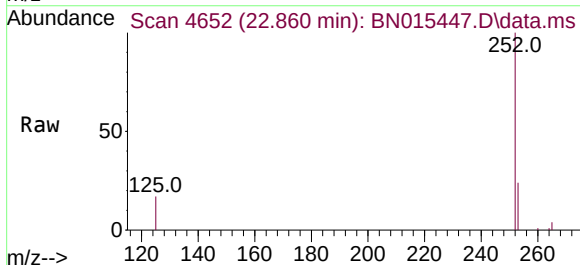
#22
Chrysene
Concen: 0.768 ng/ul
RT: 21.322 min Scan# 4126
Delta R.T. 0.001 min
Lab File: BN015447.D
Acq: 09 Jul 2021 15:47



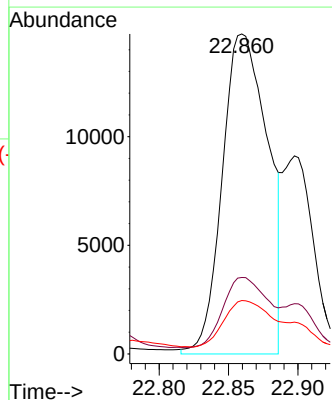
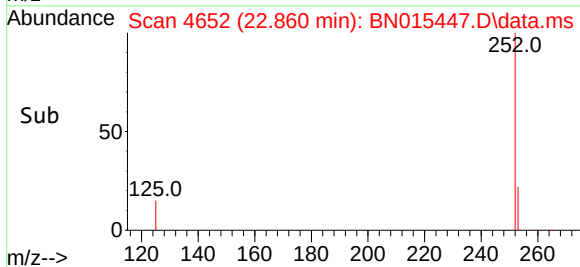
Tgt Ion:228 Resp: 28552
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 21.0 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.943 ng/ul m
RT: 22.860 min Scan# 4652
Delta R.T. 0.004 min
Lab File: BN015447.D
Acq: 09 Jul 2021 15:47



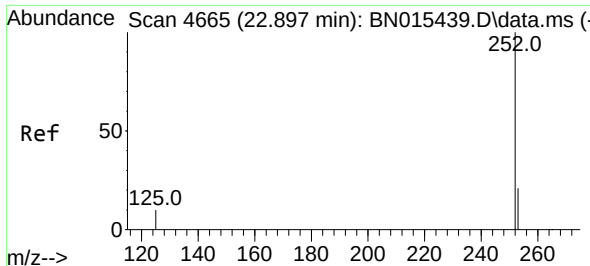
Tgt Ion:252 Resp: 33470
Ion Ratio Lower Upper
252 100
253 23.9 0.0 45.6
125 16.7 0.0 28.4



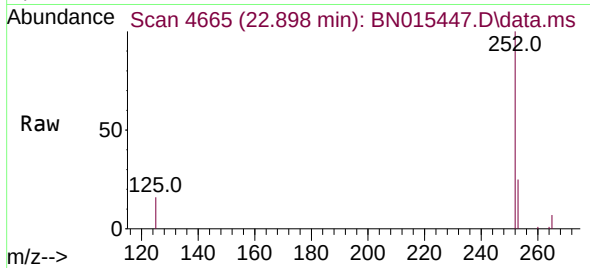
Instrument :
BNA_N
ClientSampleId :
BGDT9

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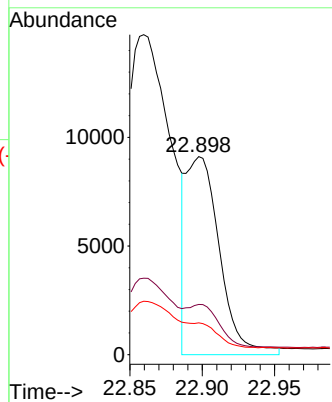
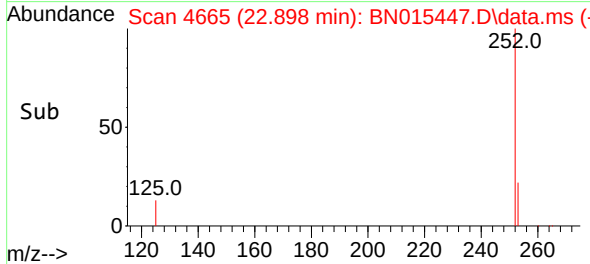
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#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul m
RT: 22.898 min Scan# 4665
Delta R.T. -0.002 min
Lab File: BN015447.D
Acq: 09 Jul 2021 15:47



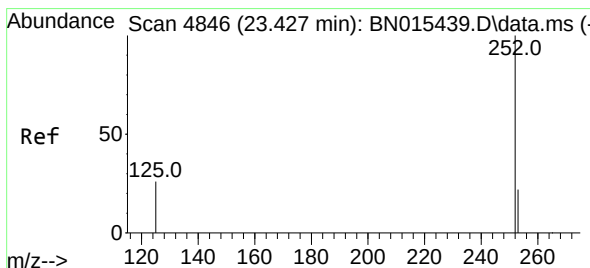
Tgt Ion:252 Resp: 14623
Ion Ratio Lower Upper
252 100
253 25.4 18.1 27.1
125 16.1 11.5 17.3



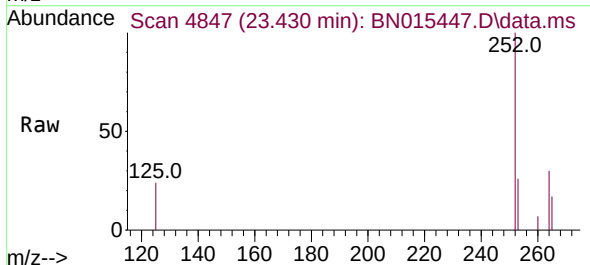
Instrument :
BNA_N
ClientSampleId :
BGDT9

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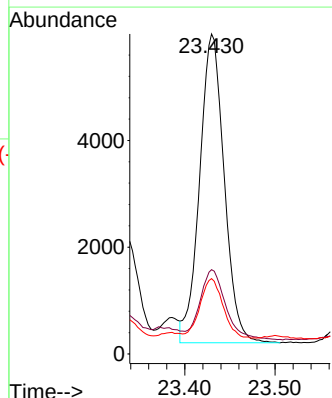
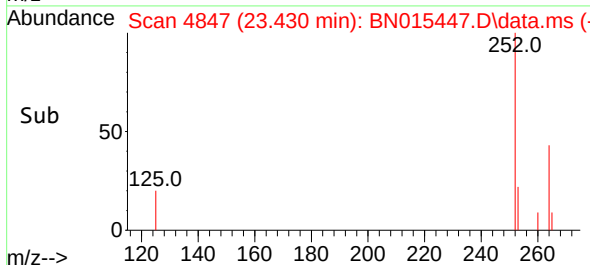
mohammad
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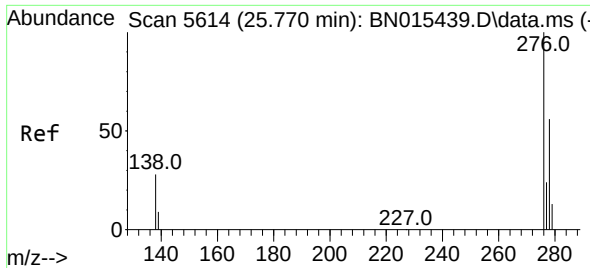


#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.430 min Scan# 4847
Delta R.T. 0.001 min
Lab File: BN015447.D
Acq: 09 Jul 2021 15:47



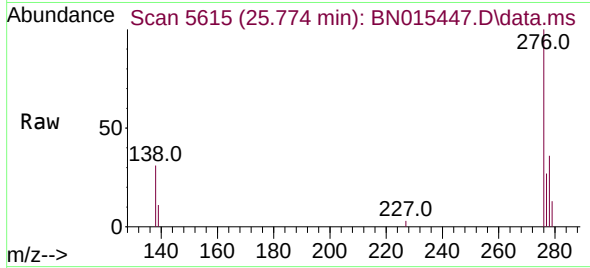
Tgt Ion:252 Resp: 10929
Ion Ratio Lower Upper
252 100
253 26.4 18.9 28.3
125 23.6 13.5 20.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.225 ng/ul
RT: 25.774 min Scan# 5615
Delta R.T. -0.003 min
Lab File: BN015447.D
Acq: 09 Jul 2021 15:47

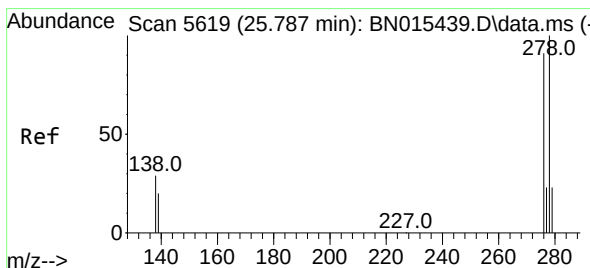
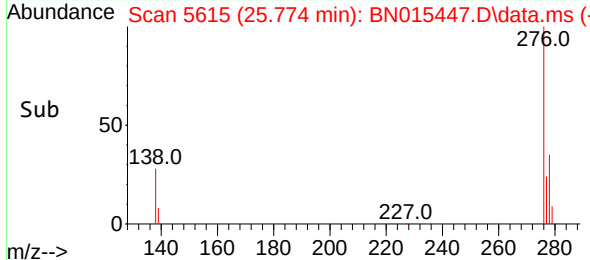
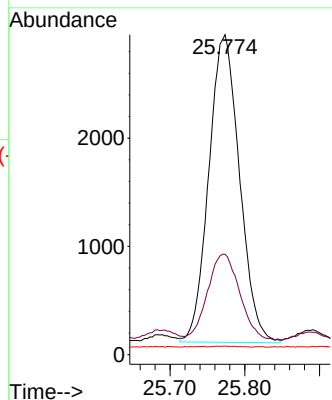
Instrument :
BNA_N
ClientSampleId :
BGDT9



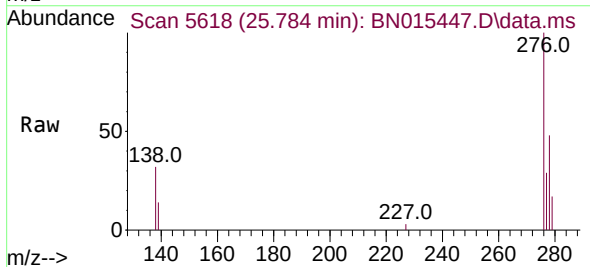
Tgt Ion:276 Resp: 8115
Ion Ratio Lower Upper
276 100
138 29.6 26.3 39.5
227 0.3 0.1 0.1#

Manual Integrations
APPROVED

mohammad
7/12/2021 9:32:02 AM



#28
Dibenzo(a,h)anthracene
Concen: 0.129 ng/ul
RT: 25.784 min Scan# 5618
Delta R.T. -0.006 min
Lab File: BN015447.D
Acq: 09 Jul 2021 15:47



Tgt Ion:278 Resp: 3646
Ion Ratio Lower Upper
278 100
139 28.8 18.9 28.3#
279 34.9 20.8 31.2#

