

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015481.D
 Acq On : 10 Jul 2021 13:23
 Operator : CG/JU
 Sample : M2808-13DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 BGD1DL

Manual Integrations
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 7/12/2021 9:34:31 AM

Quant Time: Jul 11 06:15:27 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	7.711	152	3913	0.400	ng/ul	0.00
4) Naphthalene-d8	10.480	136	13451	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	6821	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.082	188	13473	0.400	ng/ul	0.00
17) Chrysene-d12	21.281	240	11088	0.400	ng/ul	0.00
23) Perylene-d12	23.520	264	9527	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	577	0.131	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.069	152	238	0.011	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	503	0.014	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	2458	0.057	ng/ul#	94
10) Acenaphthylene	14.053	152	5150	0.146	ng/ul	98
11) Acenaphthene	14.400	153	1687	0.062	ng/ul	97
12) Fluorene	15.390	166	2284	0.076	ng/ul#	98
15) Phenanthrene	17.124	178	37922	0.776	ng/ul	100
16) Anthracene	17.217	178	11384	0.264	ng/ul	100
19) Fluoranthene	19.146	202	92855	1.812	ng/ul	98
20) Pyrene	19.513	202	72255	1.406	ng/ul	99
21) Benzo(a)anthracene	21.267	228	36131	0.880	ng/ul	97
22) Chrysene	21.319	228	29039	0.591	ng/ul	98
24) Benzo(b)fluoranthene	22.854	252	32847m	0.738	ng/ul	
25) Benzo(k)fluoranthene	22.889	252	12921m	0.257	ng/ul	
26) Benzo(a)pyrene	23.421	252	22304	0.597	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.763	276	12119	0.268	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.770	278	3394	0.096	ng/ul	91
29) Benzo(g,h,i)perylene	26.454	276	1211	0.029	ng/ul#	73

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

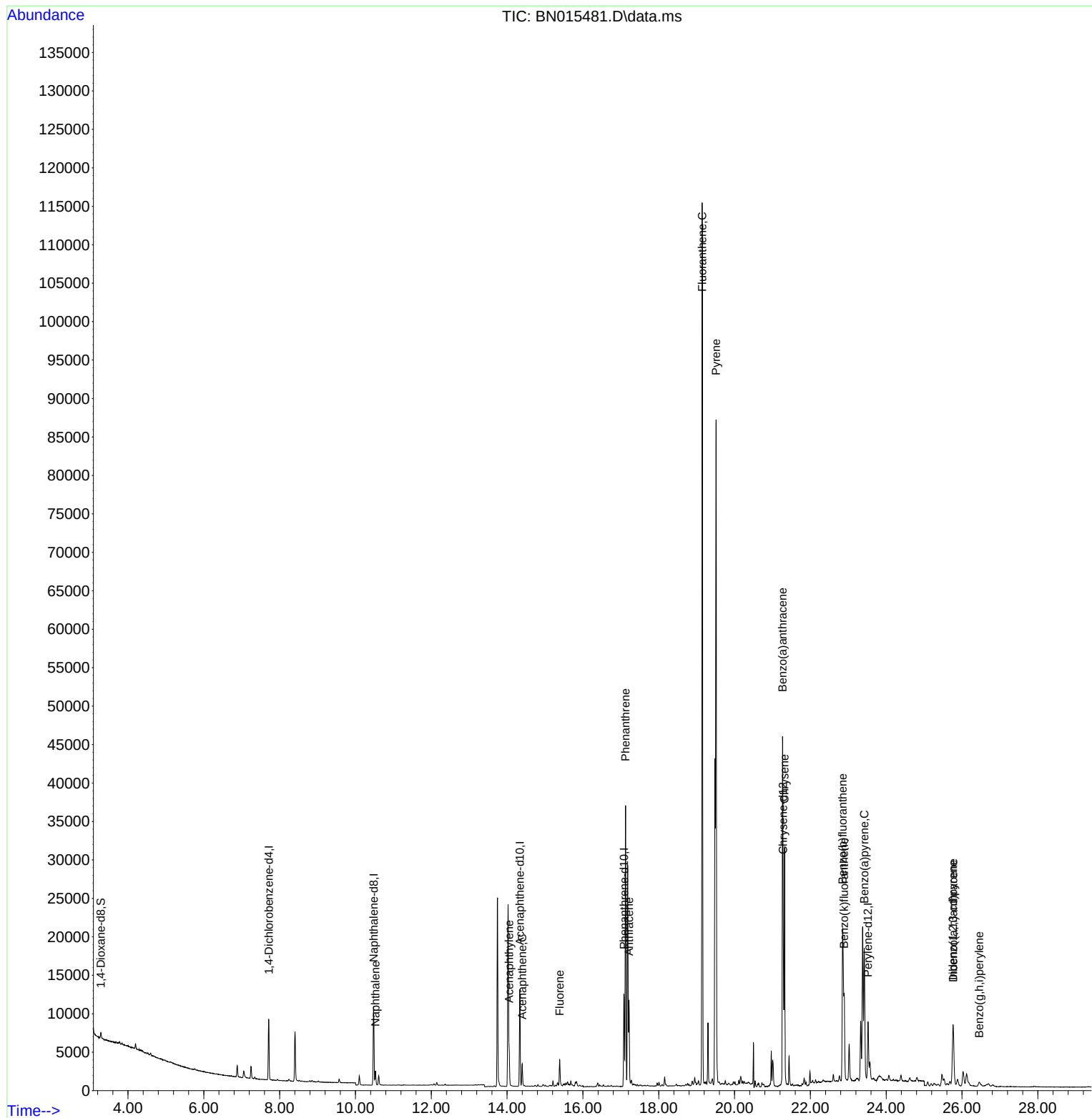
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ALS Vial : 34 Sample Multiplier: 1

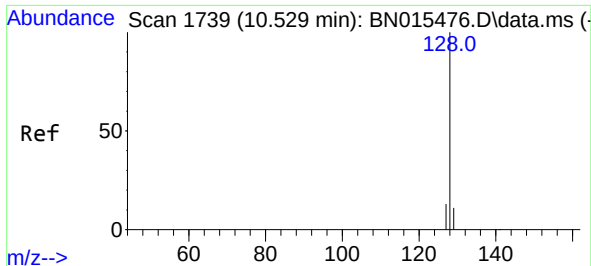
Instrument :
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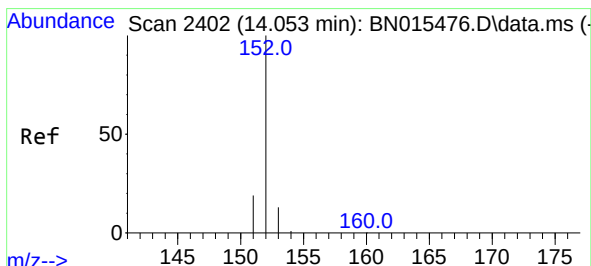
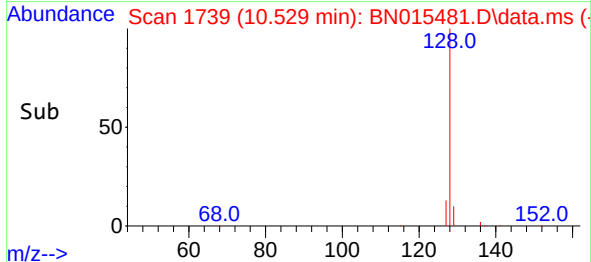
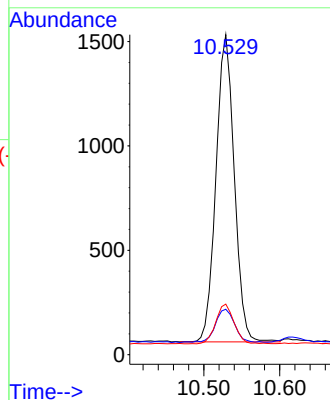
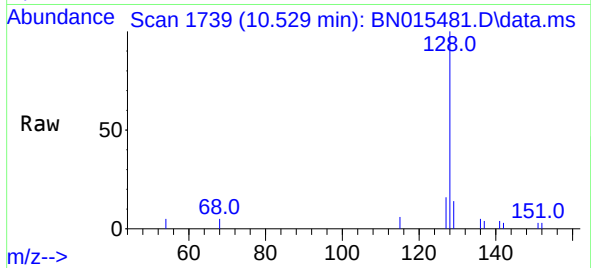
#5
Naphthalene
Concen: 0.057 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23

Tgt Ion:	128	Resp:	2458
Ion Ratio	Lower	Upper	
128	100		
129	14.2	9.3	13.9#
127	15.8	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
BGDT1DL

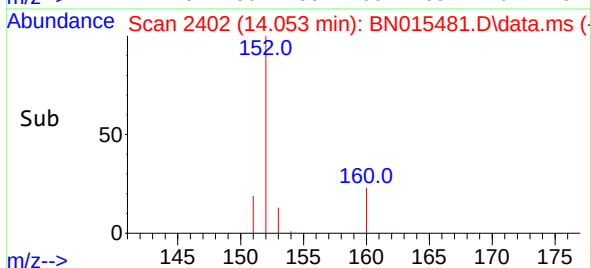
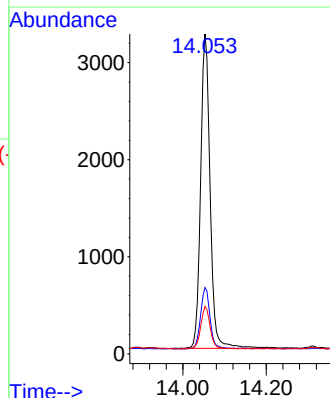
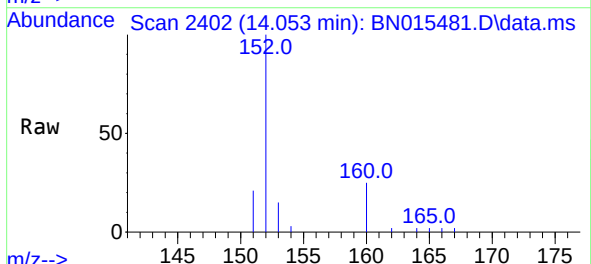
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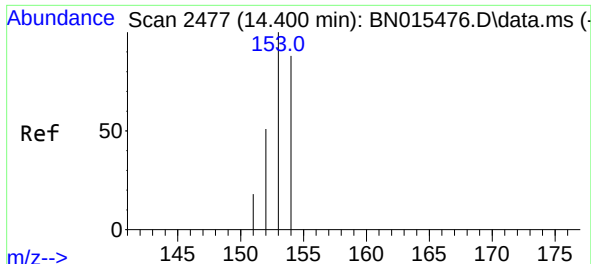
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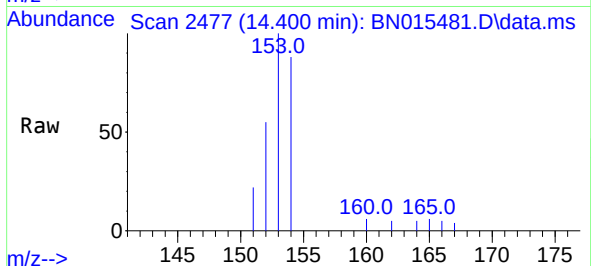
#10
Acenaphthylene
Concen: 0.146 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23

Tgt Ion:	152	Resp:	5150
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.0	24.0
153	14.8	10.9	16.3

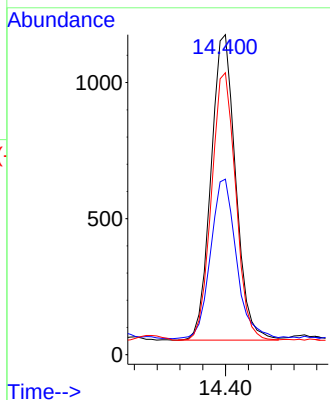
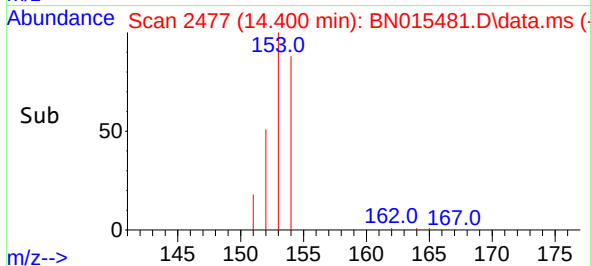




#11
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23



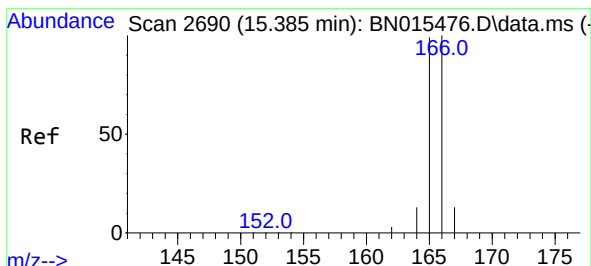
Tgt Ion:153 Resp: 1687
Ion Ratio Lower Upper
153 100
152 54.8 39.8 59.6
154 88.1 69.8 104.8



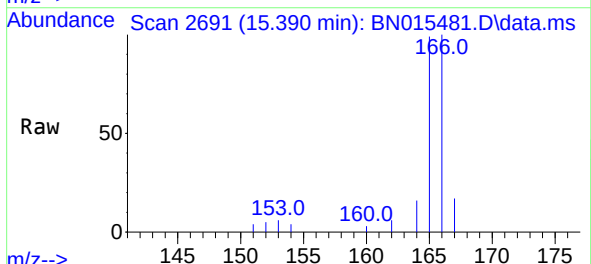
Instrument :
BNA_N
ClientSampleId :
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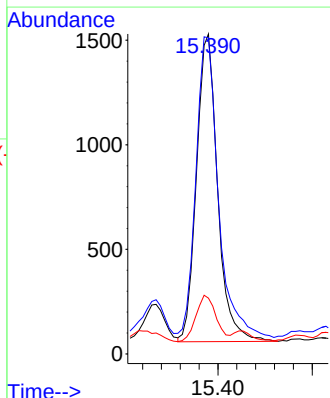
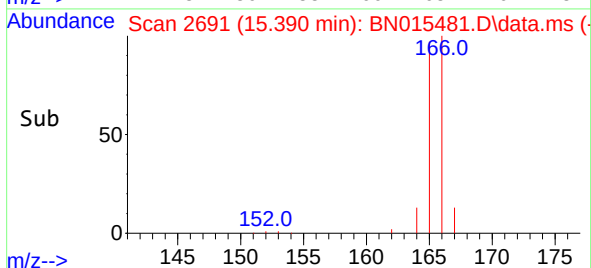
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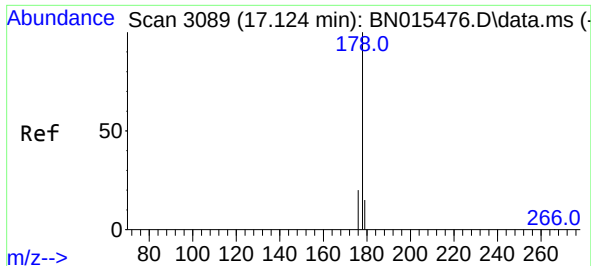


#12
Fluorene
Concen: 0.076 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23



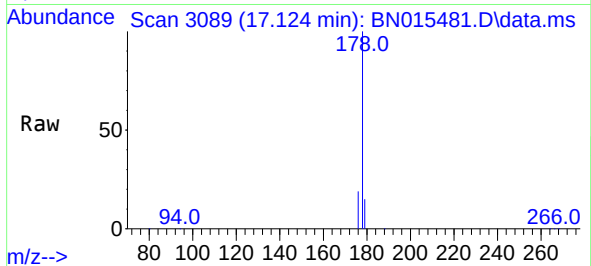
Tgt Ion:166 Resp: 2284
Ion Ratio Lower Upper
166 100
165 98.8 77.8 116.8
167 17.5 11.2 16.8#





#15
Phenanthrene
Concen: 0.776 ng/u1
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23

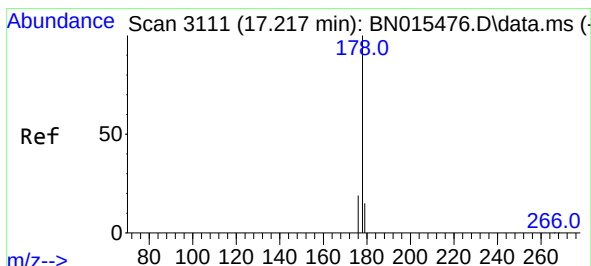
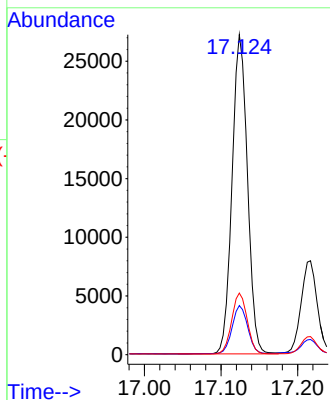
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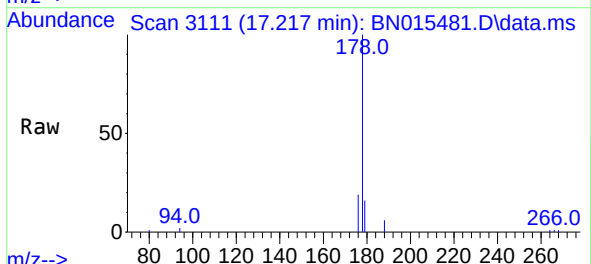
Tgt Ion:178 Resp: 37922
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.2 15.5 23.3

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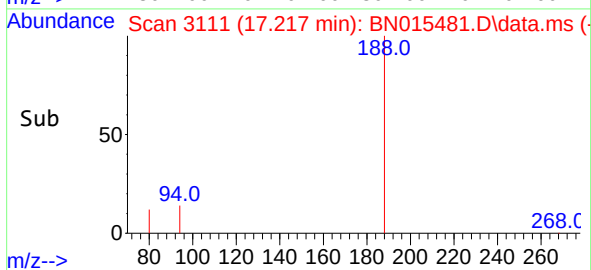
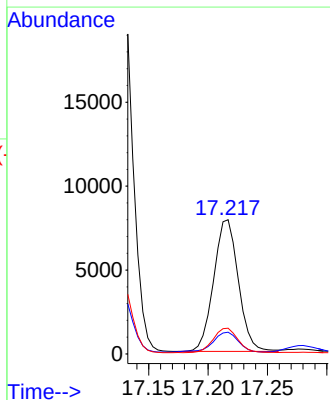
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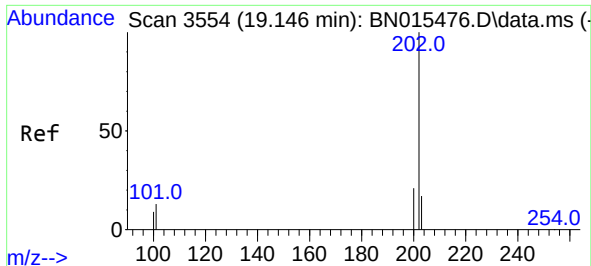


#16
Anthracene
Concen: 0.264 ng/u1
RT: 17.217 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23



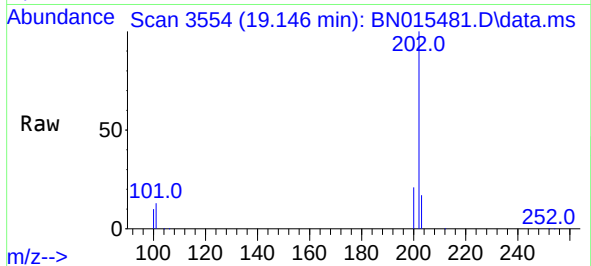
Tgt Ion:178 Resp: 11384
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 19.2 15.2 22.8





#19
Fluoranthene
Concen: 1.812 ng/ul
RT: 19.146 min Scan# 3554
Delta R.T. -0.004 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23

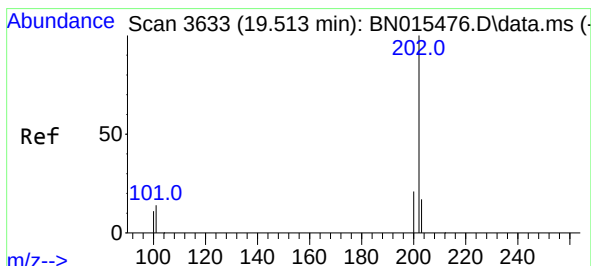
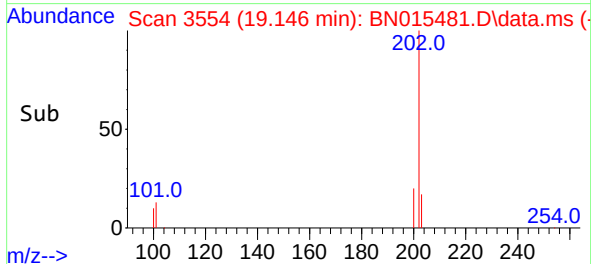
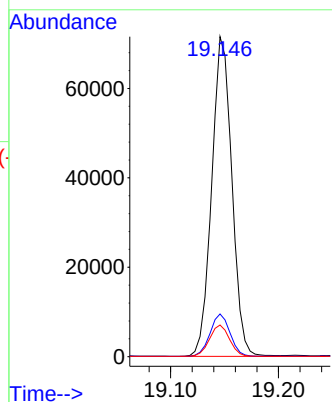
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 92855
Ion Ratio Lower Upper
202 100
101 13.4 10.1 15.1
100 9.9 7.4 11.0

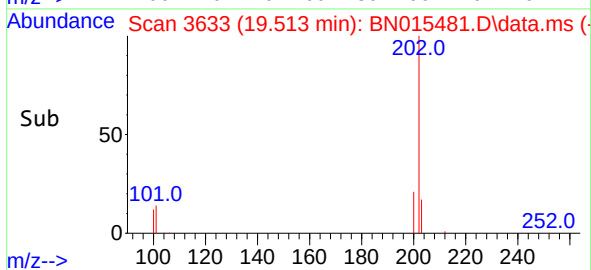
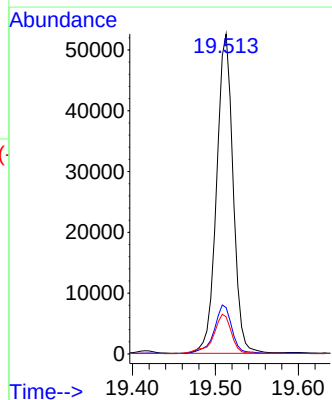
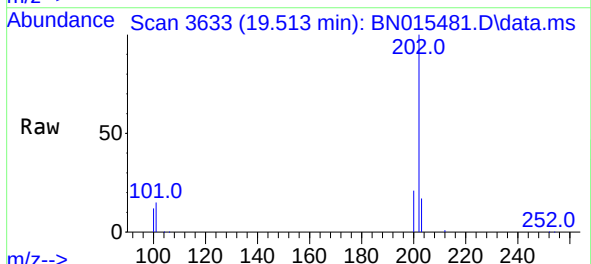
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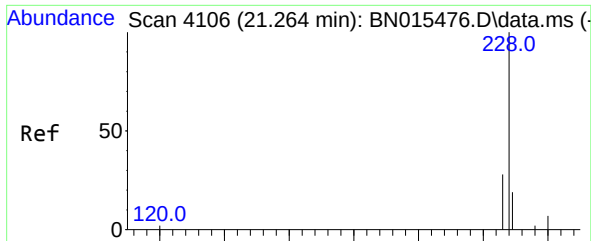
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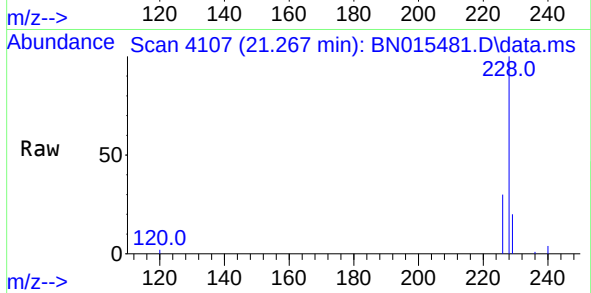
#20
Pyrene
Concen: 1.406 ng/ul
RT: 19.513 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23

Tgt Ion:202 Resp: 72255
Ion Ratio Lower Upper
202 100
101 14.5 12.0 18.0
100 11.6 9.6 14.4

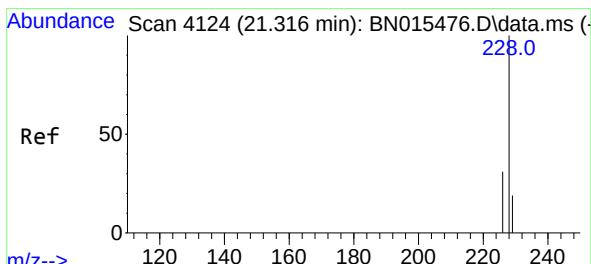
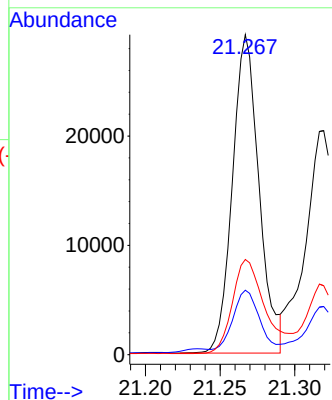
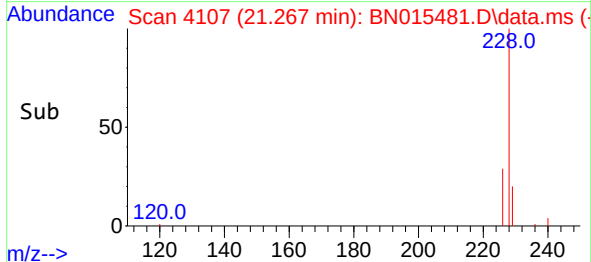




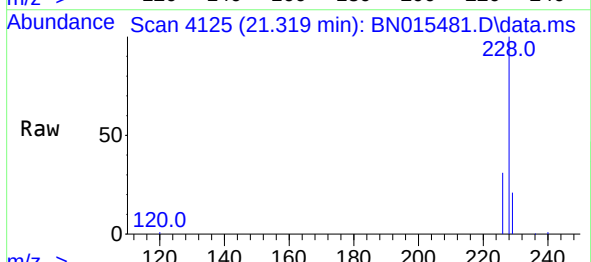
#21
Benzo(a)anthracene
Concen: 0.880 ng/ul
RT: 21.267 min Scan# 4107
Delta R.T. -0.005 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23



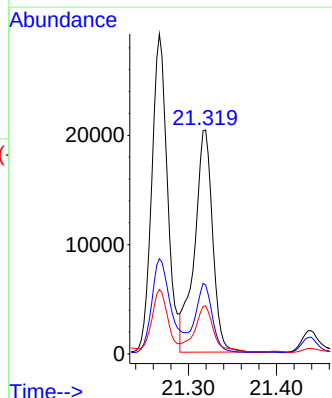
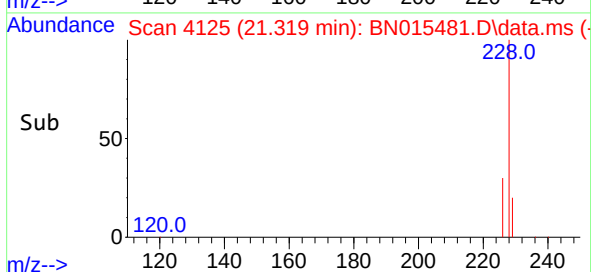
Tgt Ion:228 Resp: 36131
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.8
226 29.8 21.8 32.8



#22
Chrysene
Concen: 0.591 ng/ul
RT: 21.319 min Scan# 4125
Delta R.T. -0.002 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23



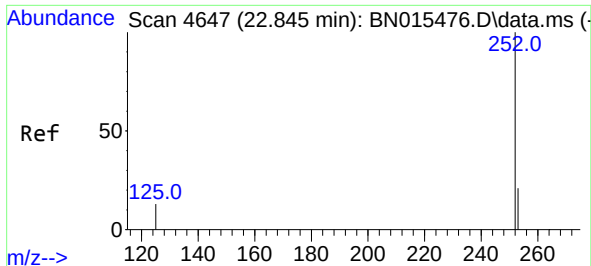
Tgt Ion:228 Resp: 29039
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.5 15.7 23.5



Instrument :
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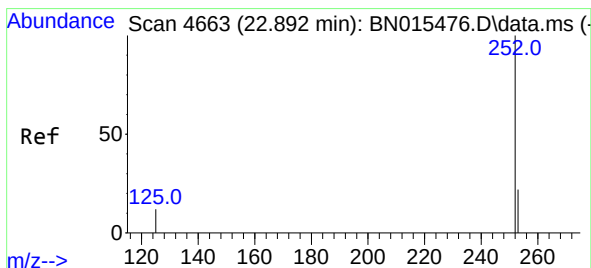
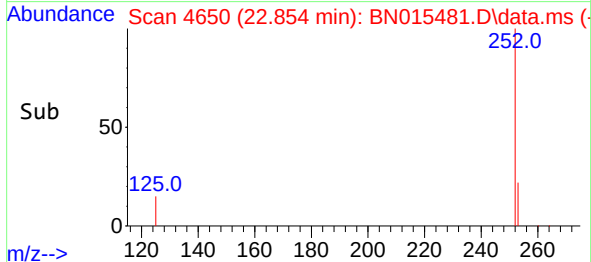
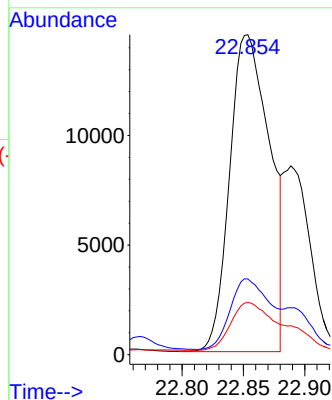
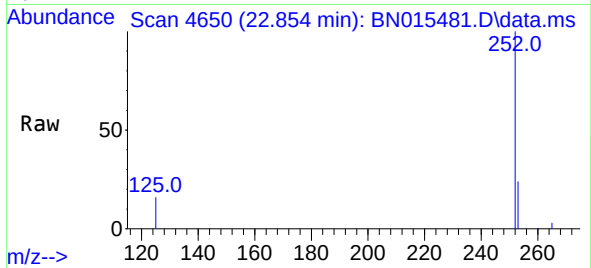
#24
Benzo(b)fluoranthene
Concen: 0.738 ng/ul m
RT: 22.854 min Scan# 4650
Delta R.T. -0.002 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23

Tgt Ion:252 Resp: 32847
Ion Ratio Lower Upper
252 100
253 23.6 0.0 45.6
125 16.3 0.0 28.4

Instrument :
BNA_N
ClientSampleId :
BGDT1DL

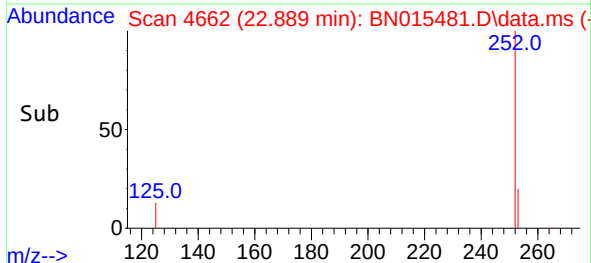
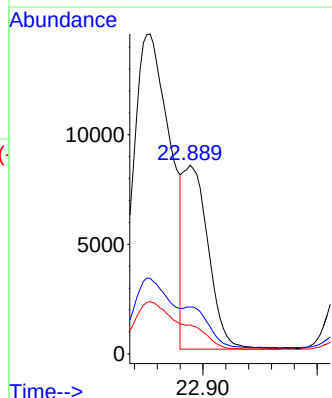
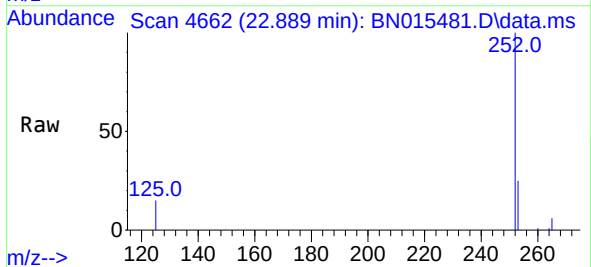
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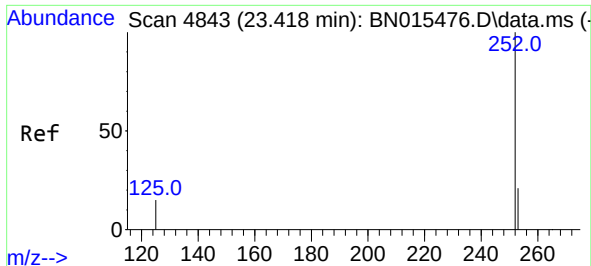
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#25
Benzo(k)fluoranthene
Concen: 0.257 ng/ul m
RT: 22.889 min Scan# 4662
Delta R.T. -0.011 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23

Tgt Ion:252 Resp: 12921
Ion Ratio Lower Upper
252 100
253 24.8 18.1 27.1
125 15.3 11.5 17.3





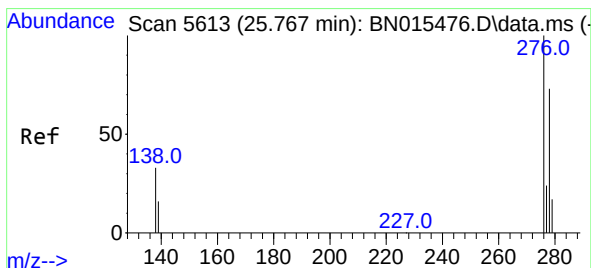
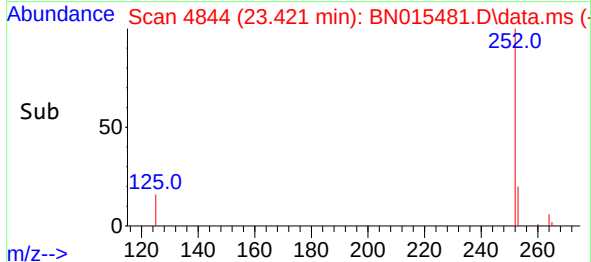
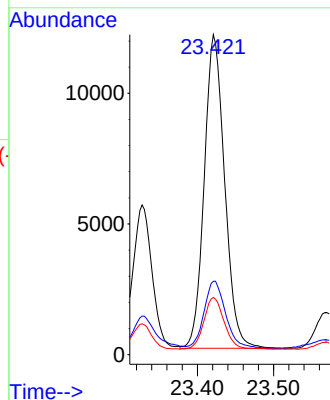
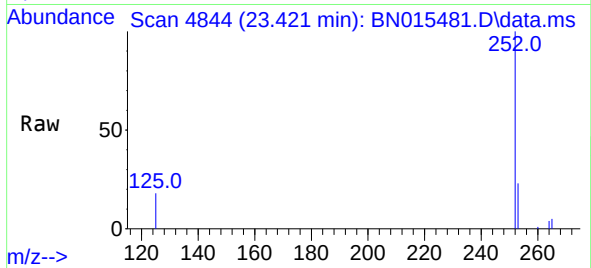
#26
Benzo(a)pyrene
Concen: 0.597 ng/ul
RT: 23.421 min Scan# 4844
Delta R.T. -0.008 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23

Tgt Ion:	252	Resp:	22304
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.9	28.3
125	17.9	13.5	20.3

Instrument :
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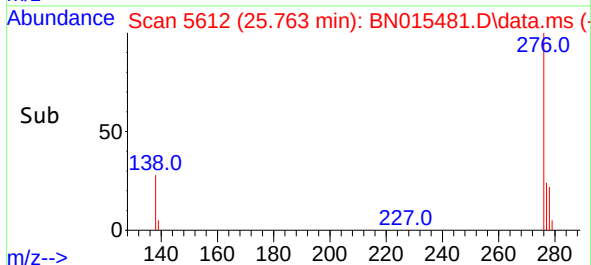
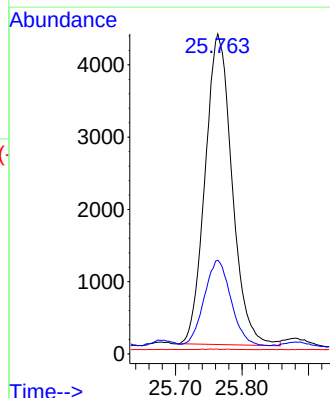
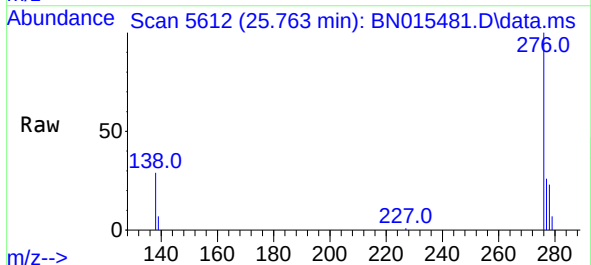
Manual Integrations
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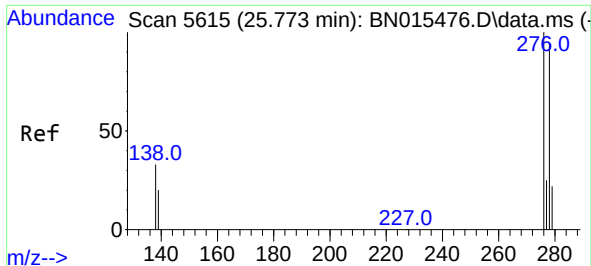
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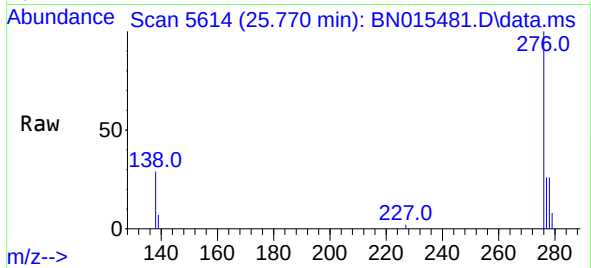
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Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 25.763 min Scan# 5612
Delta R.T. -0.013 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23

Tgt Ion:	276	Resp:	12119
Ion Ratio	Lower	Upper	
276	100		
138	28.2	26.3	39.5
227	0.1	0.1	0.1#

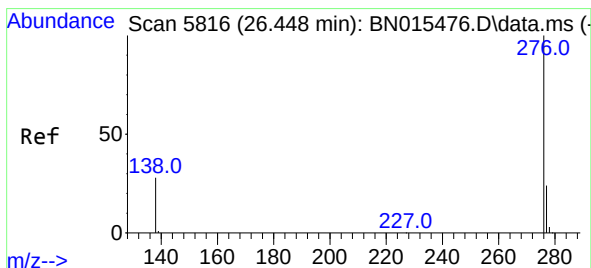
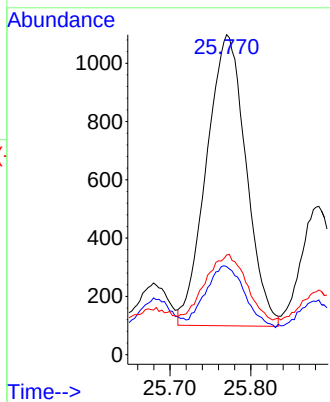
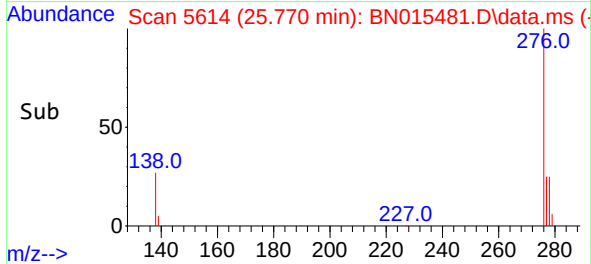




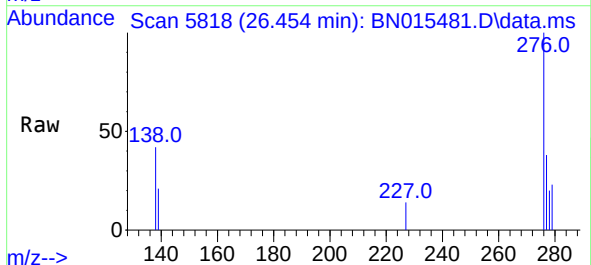
#28
Dibenzo(a,h)anthracene
Concen: 0.096 ng/ul
RT: 25.770 min Scan# 5614
Delta R.T. -0.019 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23



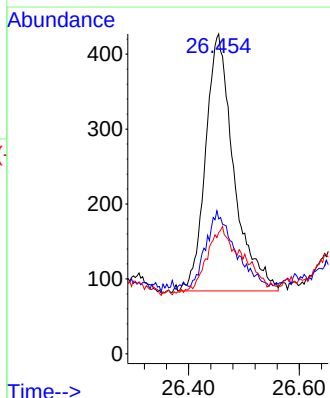
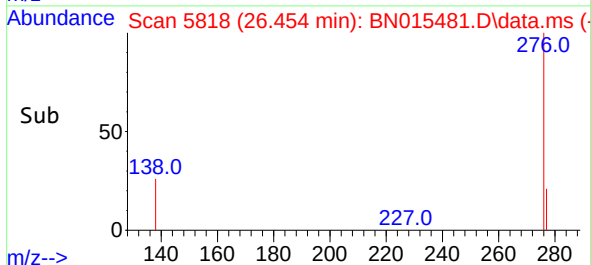
Tgt Ion:278 Resp: 3394
Ion Ratio Lower Upper
278 100
139 27.5 18.9 28.3
279 31.1 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 26.454 min Scan# 5818
Delta R.T. -0.009 min
Lab File: BN015481.D
Acq: 10 Jul 2021 13:23



Tgt Ion:276 Resp: 1211
Ion Ratio Lower Upper
276 100
138 42.2 23.0 34.4#
277 37.9 19.3 28.9#



Instrument :
BNA_N
ClientSampleID :
BGDT1DL

Manual Integrations
APPROVED

mohammad
7/12/2021 9:34:31 AM