

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015151.D
 Acq On : 27 Jun 2021 13:53
 Operator : CG/JU
 Sample : M2704-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDD4

Manual Integrations
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Quant Time: Jun 28 01:28:05 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 : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	4072	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	14519	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.353	164	8114	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.098	188	17338	0.400	ng/ul	-0.01
17) Chrysene-d12	21.299	240	15520	0.400	ng/ul	-0.02
23) Perylene-d12	23.540	264	14812	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	14636	3.189	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.090	152	4307	0.189	ng/ul	-0.01
18) Fluoranthene-d10	19.131	212	11622	0.228	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.545	128	4390	0.095	ng/ul	95
7) 2-Methylnaphthalene	12.162	142	609	0.020	ng/ul	98
10) Acenaphthylene	14.066	152	6124	0.146	ng/ul	95
11) Acenaphthene	14.413	153	2596	0.081	ng/ul	98
12) Fluorene	15.403	166	3795	0.107	ng/ul	98
15) Phenanthrene	17.140	178	47281	0.751	ng/ul	99
16) Anthracene	17.229	178	23647	0.426	ng/ul	99
19) Fluoranthene	19.159	202	205687	2.868	ng/ul	98
20) Pyrene	19.526	202	166911	2.321	ng/ul	100
21) Benzo(a)anthracene	21.281	228	110433	1.921	ng/ul	94
22) Chrysene	21.334	228	89613	1.302	ng/ul	98
24) Benzo(b)fluoranthene	22.871	252	111265m	1.608	ng/ul	
25) Benzo(k)fluoranthene	22.909	252	40519m	0.519	ng/ul	
26) Benzo(a)pyrene	23.444	252	85367	1.469	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.793	276	48897	0.697	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.803	278	12474	0.227	ng/ul#	88
29) Benzo(g,h,i)perylene	26.484	276	37999	0.584	ng/ul	97

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

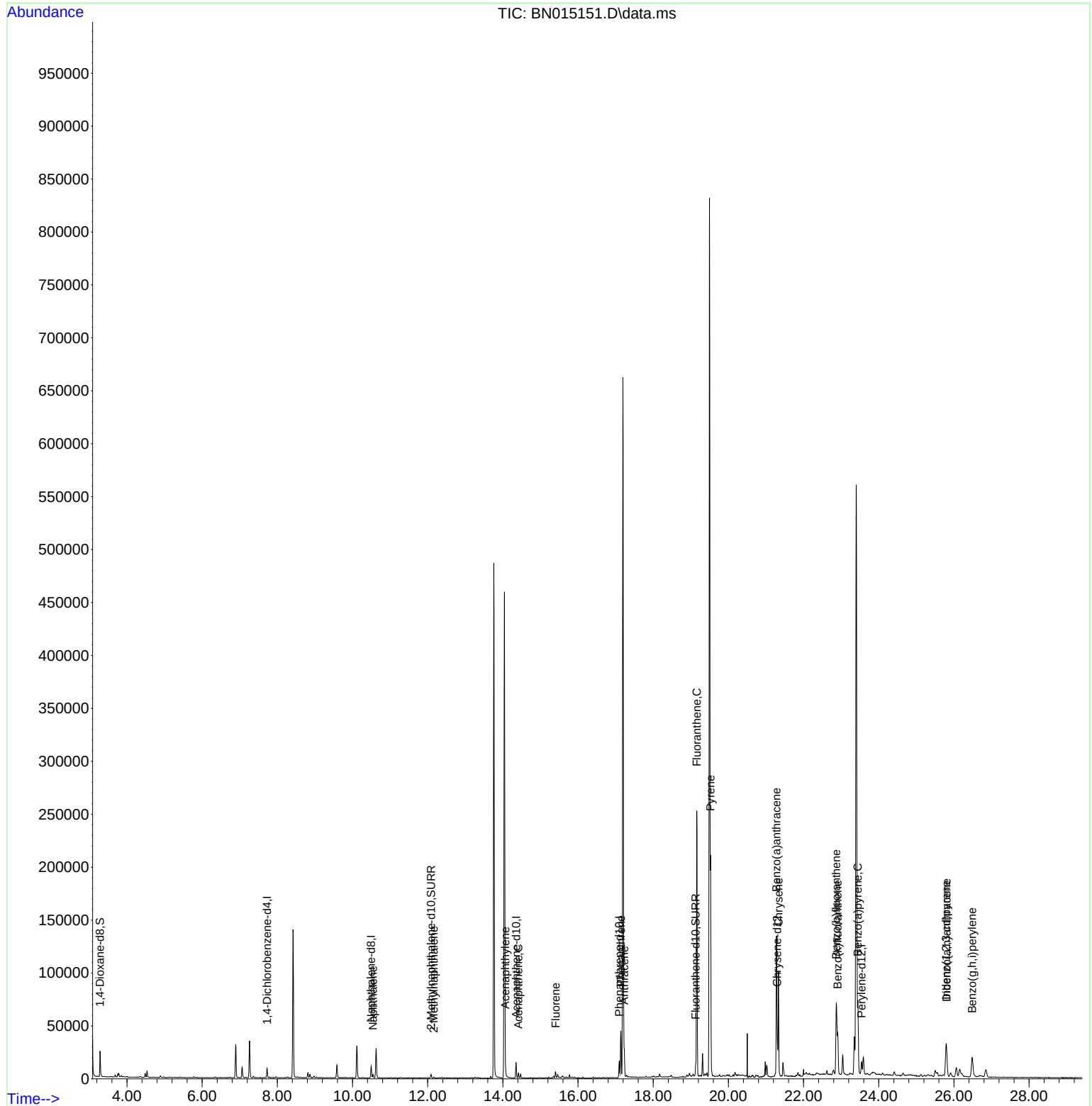
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
Data File : BN015151.D
Acq On : 27 Jun 2021 13:53
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ALS Vial : 35 Sample Multiplier: 1

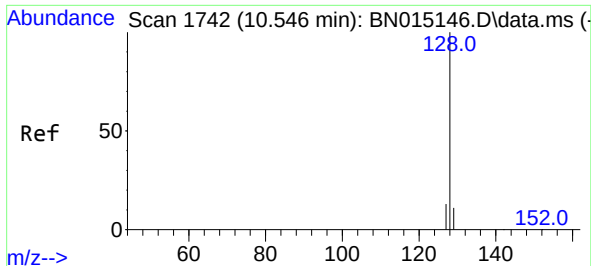
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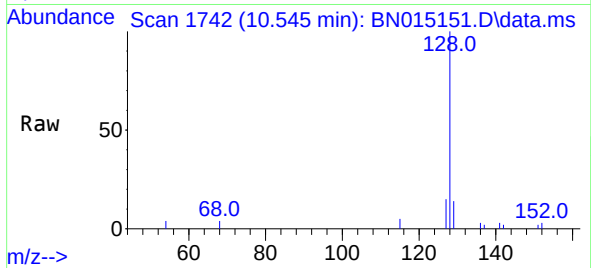
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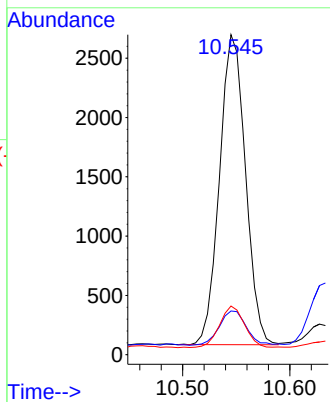
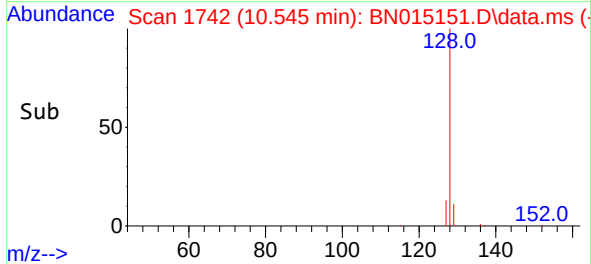




#5
Naphthalene
Concen: 0.095 ng/ul
RT: 10.545 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015151.D
Acq: 27 Jun 2021 13:53



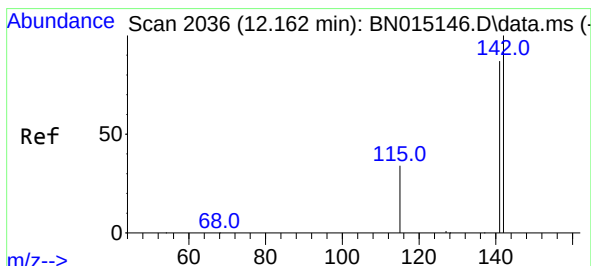
Tgt Ion:128 Resp: 4390
Ion Ratio Lower Upper
128 100
129 13.7 9.3 13.9
127 15.2 10.8 16.2



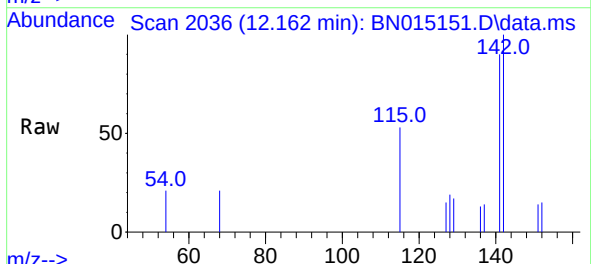
Instrument :
BNA_N
ClientSampleId :
BGDD4

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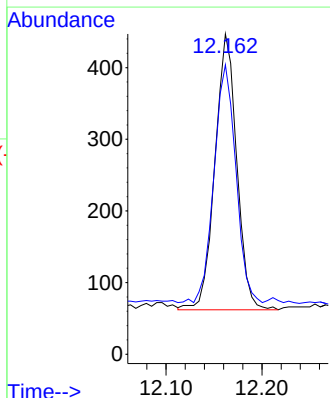
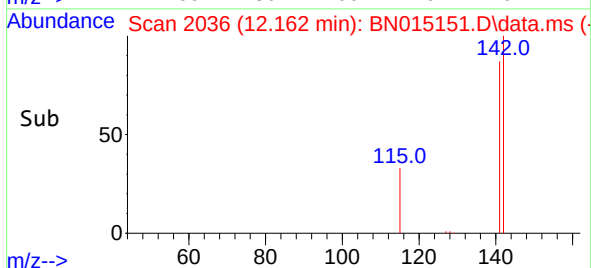
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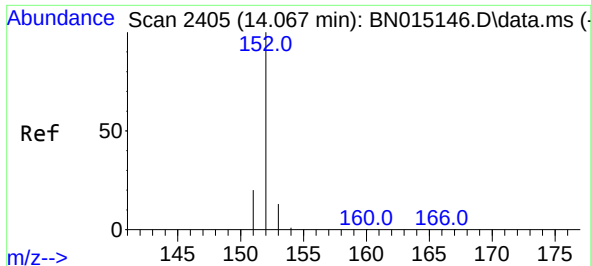


#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015151.D
Acq: 27 Jun 2021 13:53



Tgt Ion:142 Resp: 609
Ion Ratio Lower Upper
142 100
141 85.9 70.3 105.5





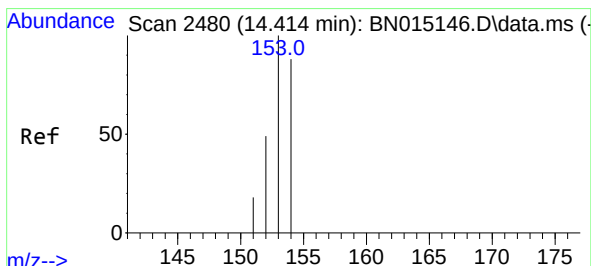
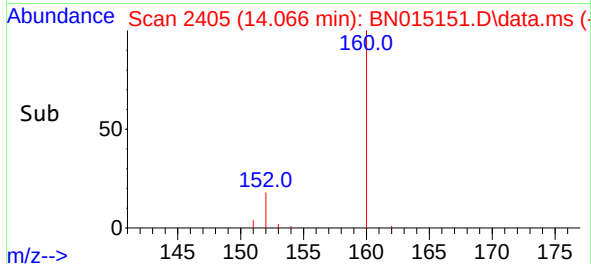
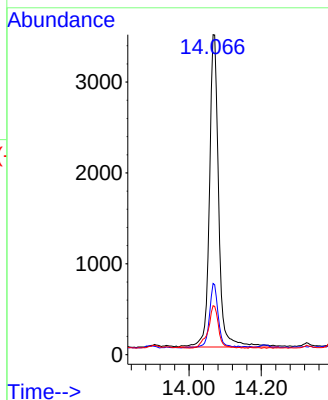
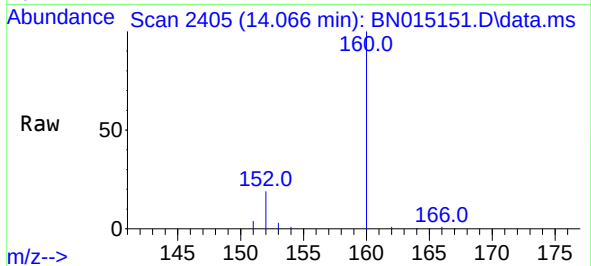
#10
Acenaphthylene
Concen: 0.146 ng/ul
RT: 14.066 min Scan# 2405
Delta R.T. -0.016 min
Lab File: BN015151.D
Acq: 27 Jun 2021 13:53

Tgt Ion:	152	Resp:	6124
Ion Ratio	Lower	Upper	
152	100		
151	22.3	16.0	24.0
153	15.3	10.9	16.3

Instrument :
BNA_N
ClientSampled :
BGDD4

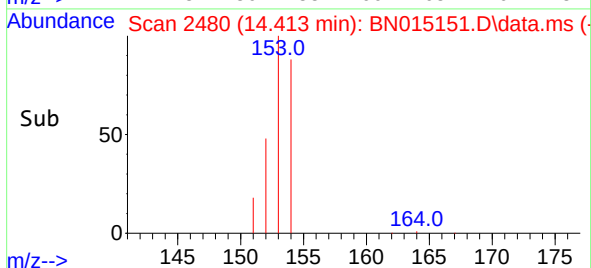
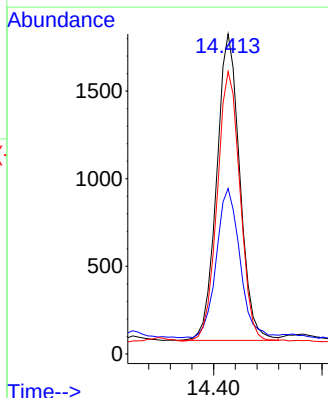
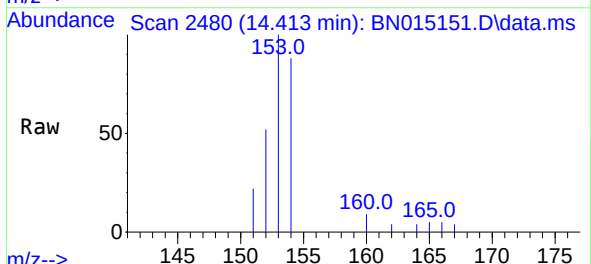
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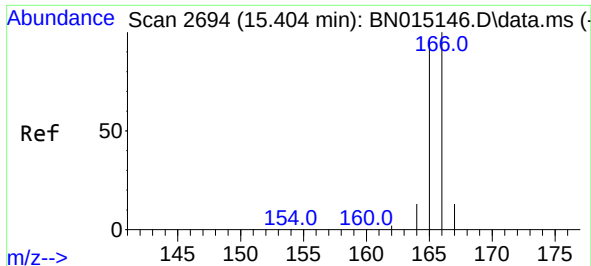
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#11
Acenaphthene
Concen: 0.081 ng/ul
RT: 14.413 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN015151.D
Acq: 27 Jun 2021 13:53

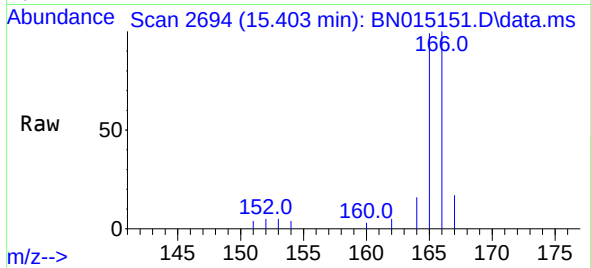
Tgt Ion:	153	Resp:	2596
Ion Ratio	Lower	Upper	
153	100		
152	51.7	39.8	59.6
154	88.2	69.8	104.8





#12
Fluorene
Concen: 0.107 ng/u1
RT: 15.403 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BN015151.D
Acq: 27 Jun 2021 13:53

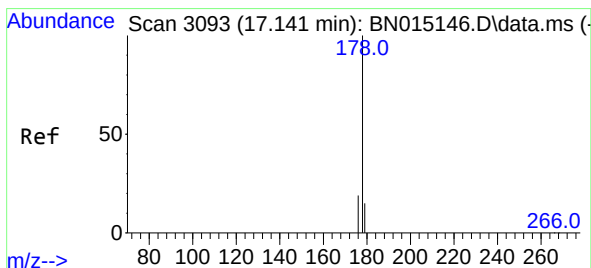
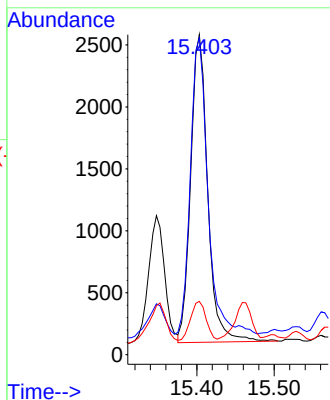
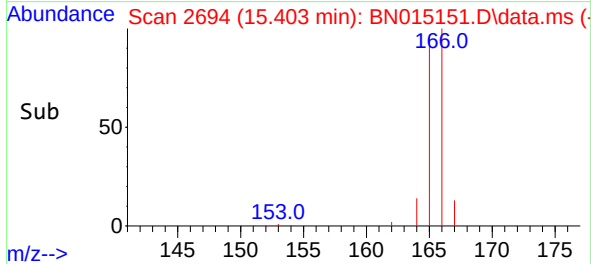
Instrument :
BNA_N
ClientSampleId :
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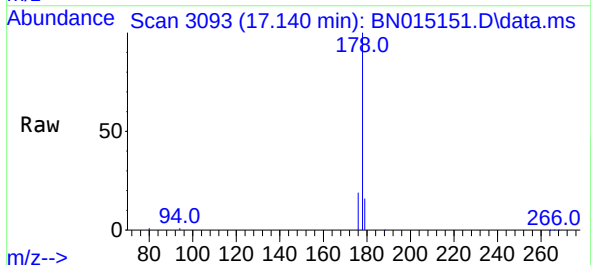
Tgt Ion:166 Resp: 3795
Ion Ratio Lower Upper
166 100
165 99.0 77.8 116.8
167 16.7 11.2 16.8

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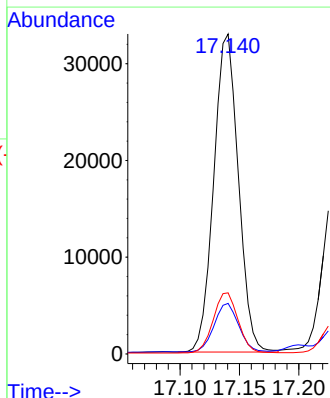
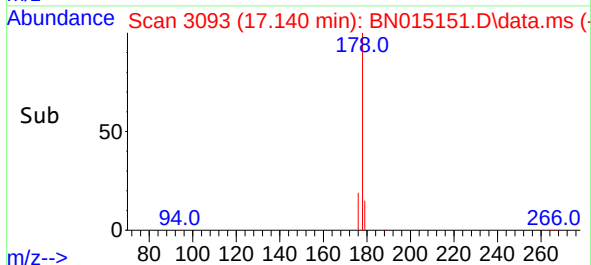
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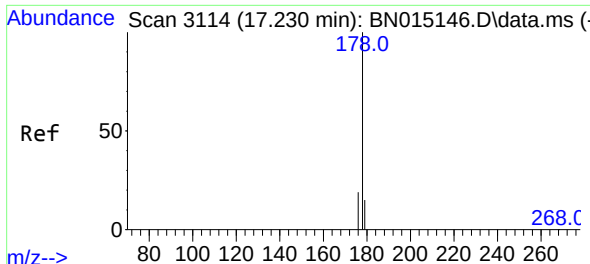


#15
Phenanthrene
Concen: 0.751 ng/u1
RT: 17.140 min Scan# 3093
Delta R.T. -0.011 min
Lab File: BN015151.D
Acq: 27 Jun 2021 13:53



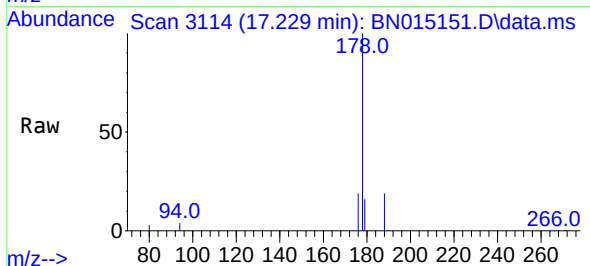
Tgt Ion:178 Resp: 47281
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 19.1 15.5 23.3





#16
 Anthracene
 Concen: 0.426 ng/ul
 RT: 17.229 min Scan# 3114
 Delta R.T. -0.015 min
 Lab File: BN015151.D
 Acq: 27 Jun 2021 13:53

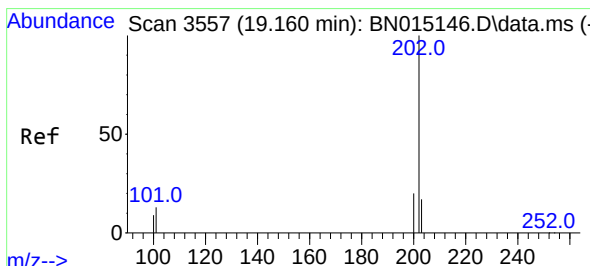
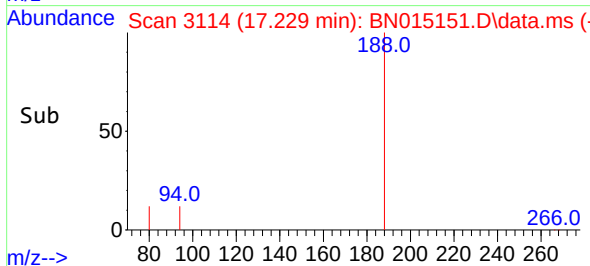
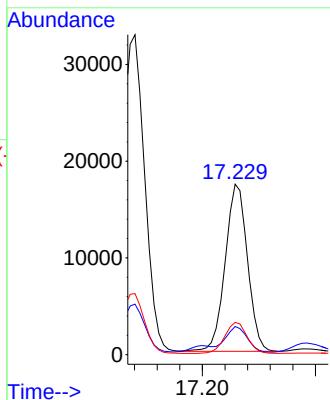
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:	178	Resp:	23647
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.8	19.2
176	19.0	15.2	22.8

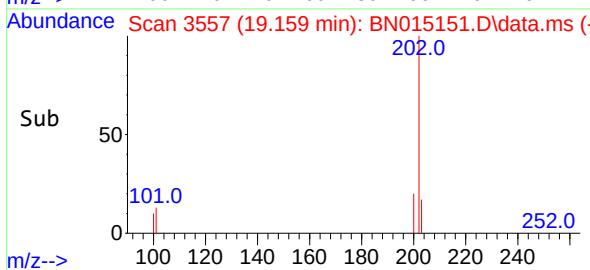
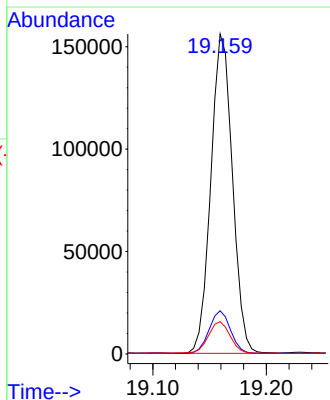
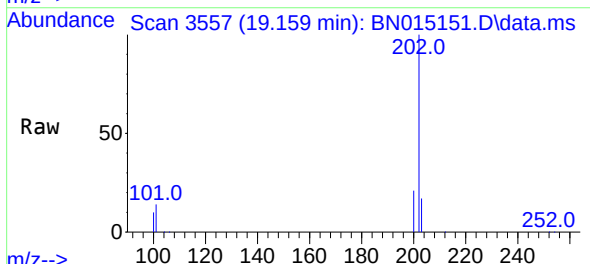
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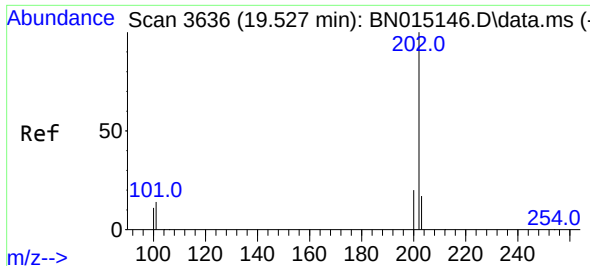
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#19
 Fluoranthene
 Concen: 2.868 ng/ul
 RT: 19.159 min Scan# 3557
 Delta R.T. -0.016 min
 Lab File: BN015151.D
 Acq: 27 Jun 2021 13:53

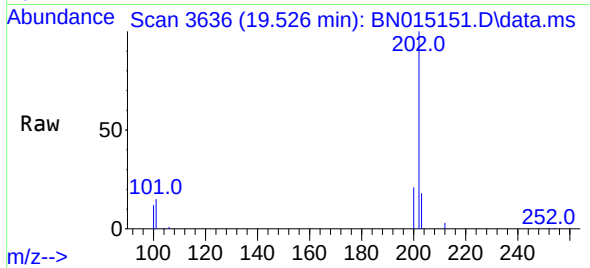
Tgt Ion:	202	Resp:	205687
Ion Ratio	Lower	Upper	
202	100		
101	13.5	10.1	15.1
100	10.1	7.4	11.0





#20
Pyrene
Concen: 2.321 ng/ul
RT: 19.526 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BN015151.D
Acq: 27 Jun 2021 13:53

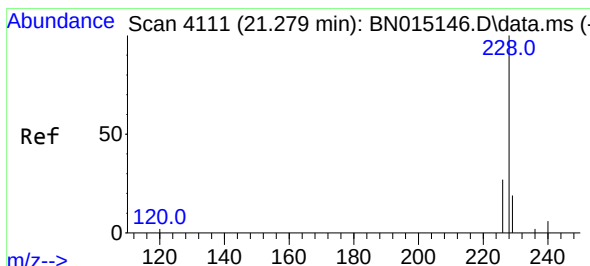
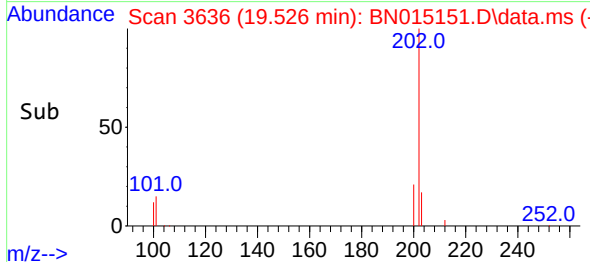
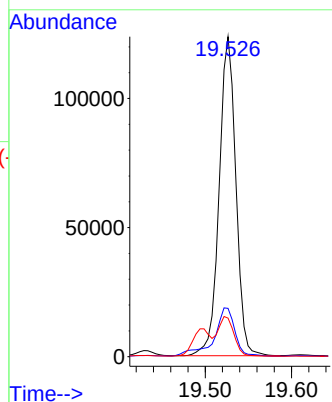
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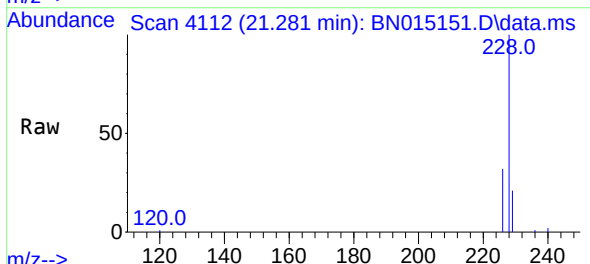
Tgt Ion:202 Resp: 166911
Ion Ratio Lower Upper
202 100
101 15.1 12.0 18.0
100 12.0 9.6 14.4

Manual Integrations
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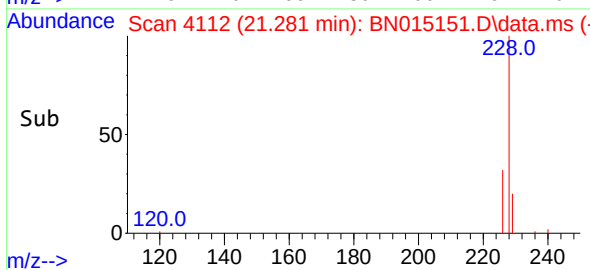
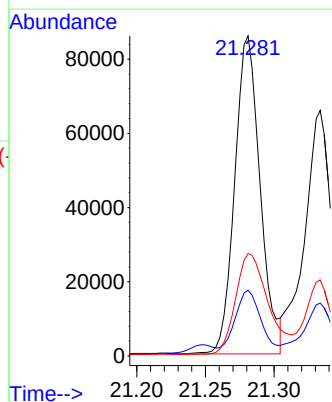
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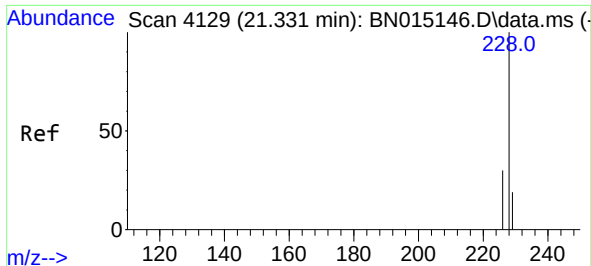


#21
Benzo(a)anthracene
Concen: 1.921 ng/ul
RT: 21.281 min Scan# 4112
Delta R.T. -0.015 min
Lab File: BN015151.D
Acq: 27 Jun 2021 13:53

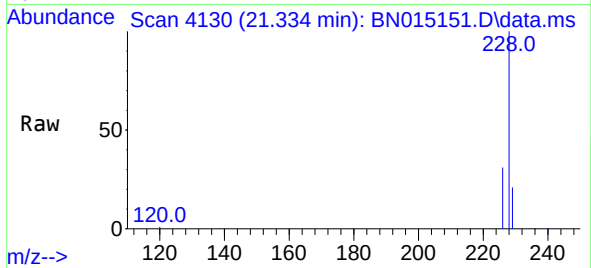


Tgt Ion:228 Resp: 110433
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 32.0 21.8 32.8

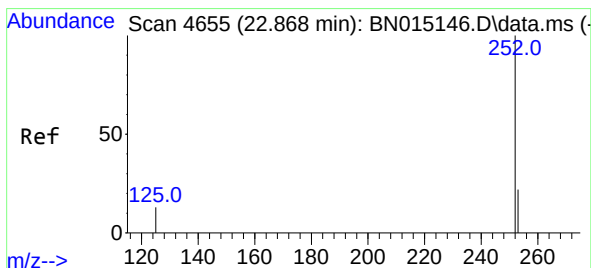
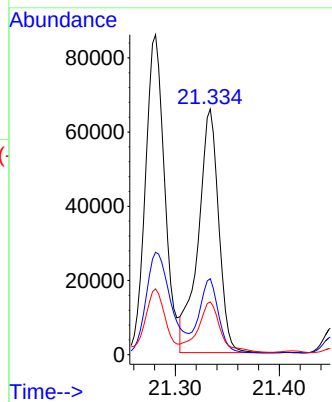
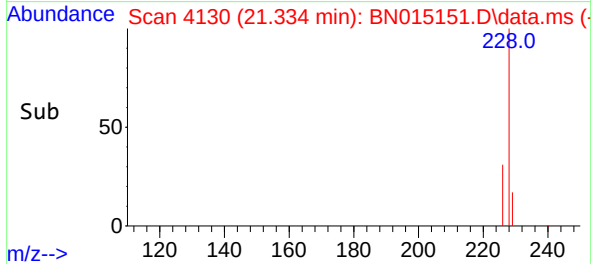




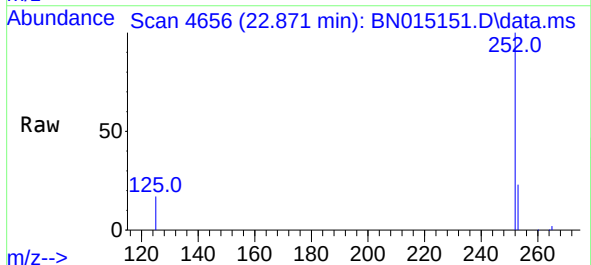
#22
Chrysene
Concen: 1.302 ng/ul
RT: 21.334 min Scan# 4130
Delta R.T. -0.015 min
Lab File: BN015151.D
Acq: 27 Jun 2021 13:53



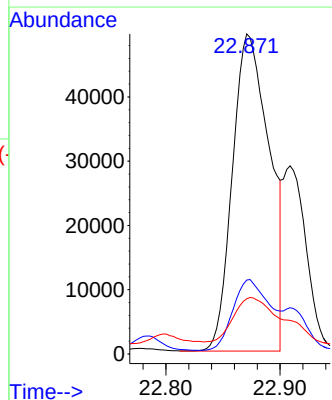
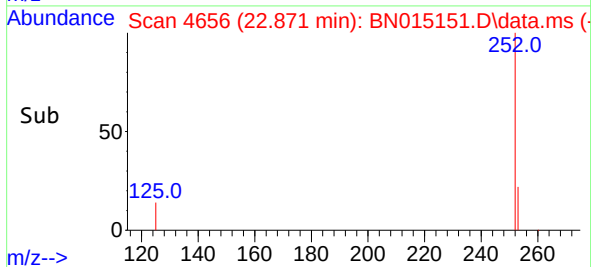
Tgt Ion:228 Resp: 89613
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 21.5 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 1.608 ng/ul m
RT: 22.871 min Scan# 4656
Delta R.T. -0.024 min
Lab File: BN015151.D
Acq: 27 Jun 2021 13:53



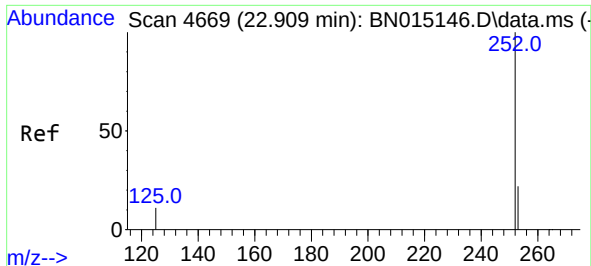
Tgt Ion:252 Resp: 111265
Ion Ratio Lower Upper
252 100
253 23.1 0.0 45.6
125 17.3 0.0 28.4



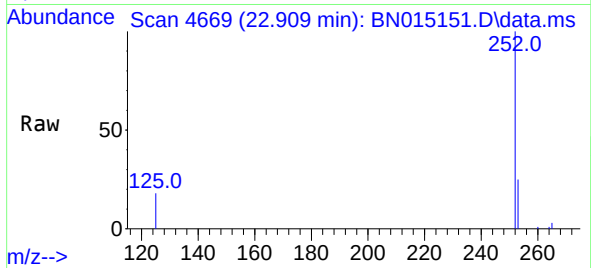
Instrument :
BNA_N
ClientSampled :
BGDD4

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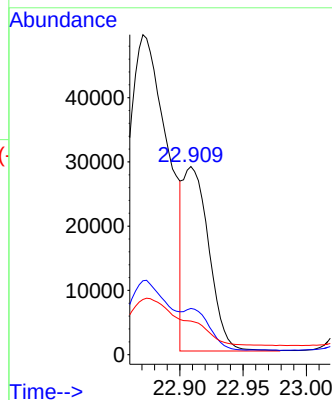
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#25
Benzo(k)fluoranthene
Concen: 0.519 ng/ul m
RT: 22.909 min Scan# 4669
Delta R.T. -0.030 min
Lab File: BN015151.D
Acq: 27 Jun 2021 13:53



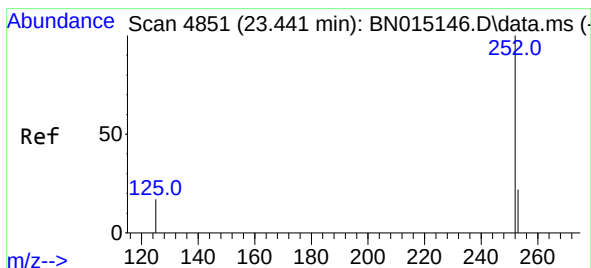
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Ion Ratio Lower Upper
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253 24.6 18.1 27.1
125 17.8 11.5 17.3#



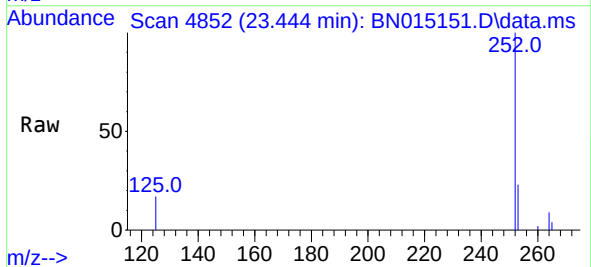
Instrument :
BNA_N
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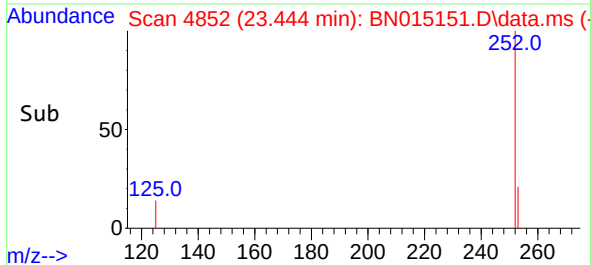
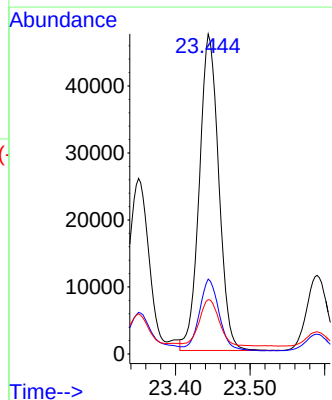
mohammad
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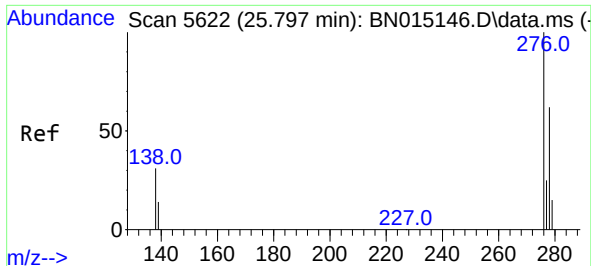


#26
Benzo(a)pyrene
Concen: 1.469 ng/ul
RT: 23.444 min Scan# 4852
Delta R.T. -0.027 min
Lab File: BN015151.D
Acq: 27 Jun 2021 13:53



Tgt Ion:252 Resp: 85367
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 16.9 13.5 20.3





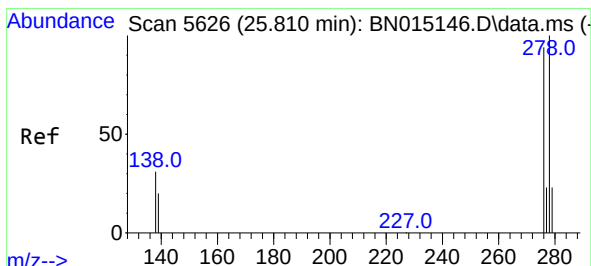
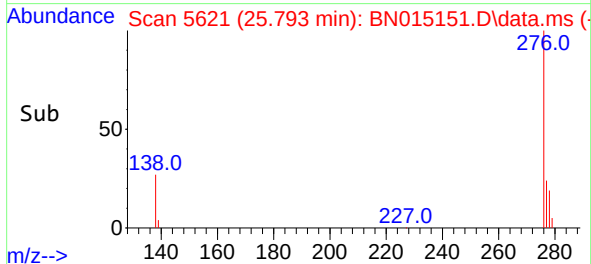
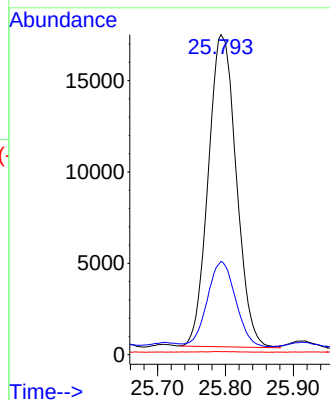
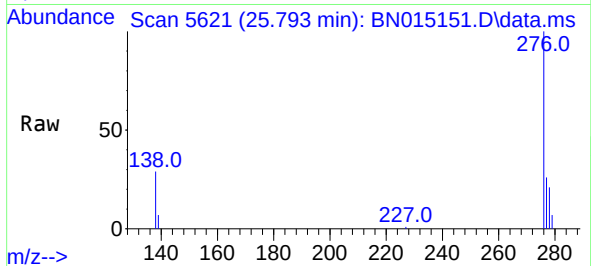
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.697 ng/ul
RT: 25.793 min Scan# 5621
Delta R.T. -0.047 min
Lab File: BN015151.D
Acq: 27 Jun 2021 13:53

Tgt Ion:276 Resp: 48897
Ion Ratio Lower Upper
276 100
138 27.5 26.3 39.5
227 0.2 0.1 0.1#

Instrument :
BNA_N
ClientSampleId :
BGDD4

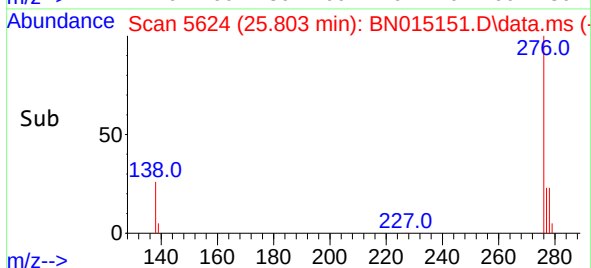
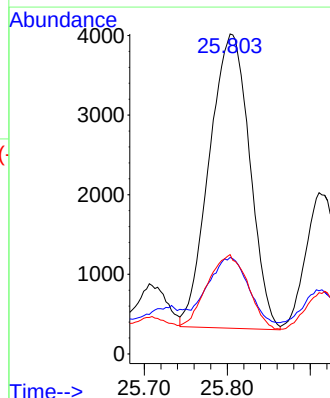
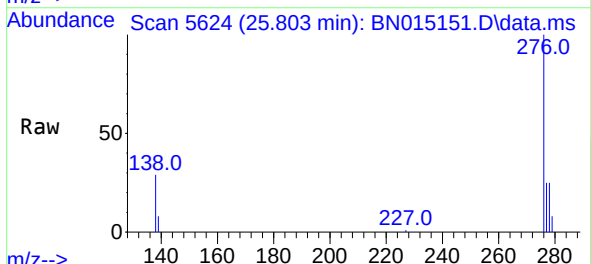
Manual Integrations
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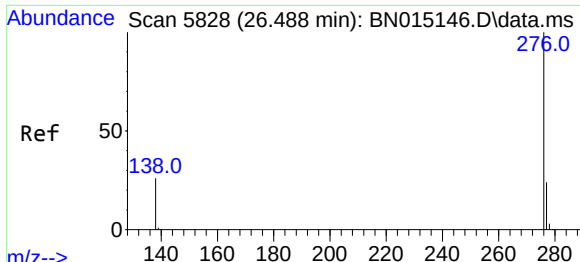
mohammad
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#28
Dibenzo(a,h)anthracene
Concen: 0.227 ng/ul
RT: 25.803 min Scan# 5624
Delta R.T. -0.057 min
Lab File: BN015151.D
Acq: 27 Jun 2021 13:53

Tgt Ion:278 Resp: 12474
Ion Ratio Lower Upper
278 100
139 30.1 18.9 28.3#
279 31.0 20.8 31.2





#29
 Benzo(g,h,i)perylene
 Concen: 0.584 ng/ul
 RT: 26.484 min Scan# 5827
 Delta R.T. -0.041 min
 Lab File: BN015151.D
 Acq: 27 Jun 2021 13:53

Tgt Ion:	276	Resp:	37999
Ion Ratio	Lower	Upper	
276	100		
138	30.4	23.0	34.4
277	25.1	19.3	28.9

Instrument :
 BNA_N
 ClientSampleId :
 BGDD4

Manual Integrations
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