

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015123.D
 Acq On : 26 Jun 2021 19:23
 Operator : CG/JU
 Sample : M2680-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDA2

Manual Integrations
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Quant Time: Jun 27 06:42:16 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	3848	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.502	136	13385	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.354	164	7055	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.099	188	14637	0.400	ng/ul	-0.01
17) Chrysene-d12	21.293	240	13979	0.400	ng/ul	-0.02
23) Perylene-d12	23.541	264	11775	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	14840	3.422	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	3863	0.184	ng/ul	-0.01
18) Fluoranthene-d10	19.132	212	8762	0.191	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.546	128	12236	0.287	ng/ul	100
7) 2-Methylnaphthalene	12.162	142	1221	0.044	ng/ul	99
8) 1-Methylnaphthalene	12.382	142	605	0.022	ng/ul	98
10) Acenaphthylene	14.071	152	7060	0.194	ng/ul	97
11) Acenaphthene	14.414	153	3871	0.138	ng/ul	99
12) Fluorene	15.404	166	6622	0.214	ng/ul	97
15) Phenanthrene	17.141	178	63235	1.190	ng/ul	100
16) Anthracene	17.229	178	32864	0.702	ng/ul	100
19) Fluoranthene	19.160	202	237986	3.684	ng/ul	98
20) Pyrene	19.527	202	204670	3.159	ng/ul	99
21) Benzo(a)anthracene	21.279	228	112523	2.173	ng/ul	95
22) Chrysene	21.331	228	90813	1.465	ng/ul	98
24) Benzo(b)fluoranthene	22.868	252	103969m	1.890	ng/ul	
25) Benzo(k)fluoranthene	22.906	252	39703m	0.639	ng/ul	
26) Benzo(a)pyrene	23.444	252	82467	1.785	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.794	276	44215	0.792	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.804	278	11138	0.255	ng/ul	95
29) Benzo(g,h,i)perylene	26.481	276	34272	0.663	ng/ul	99

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

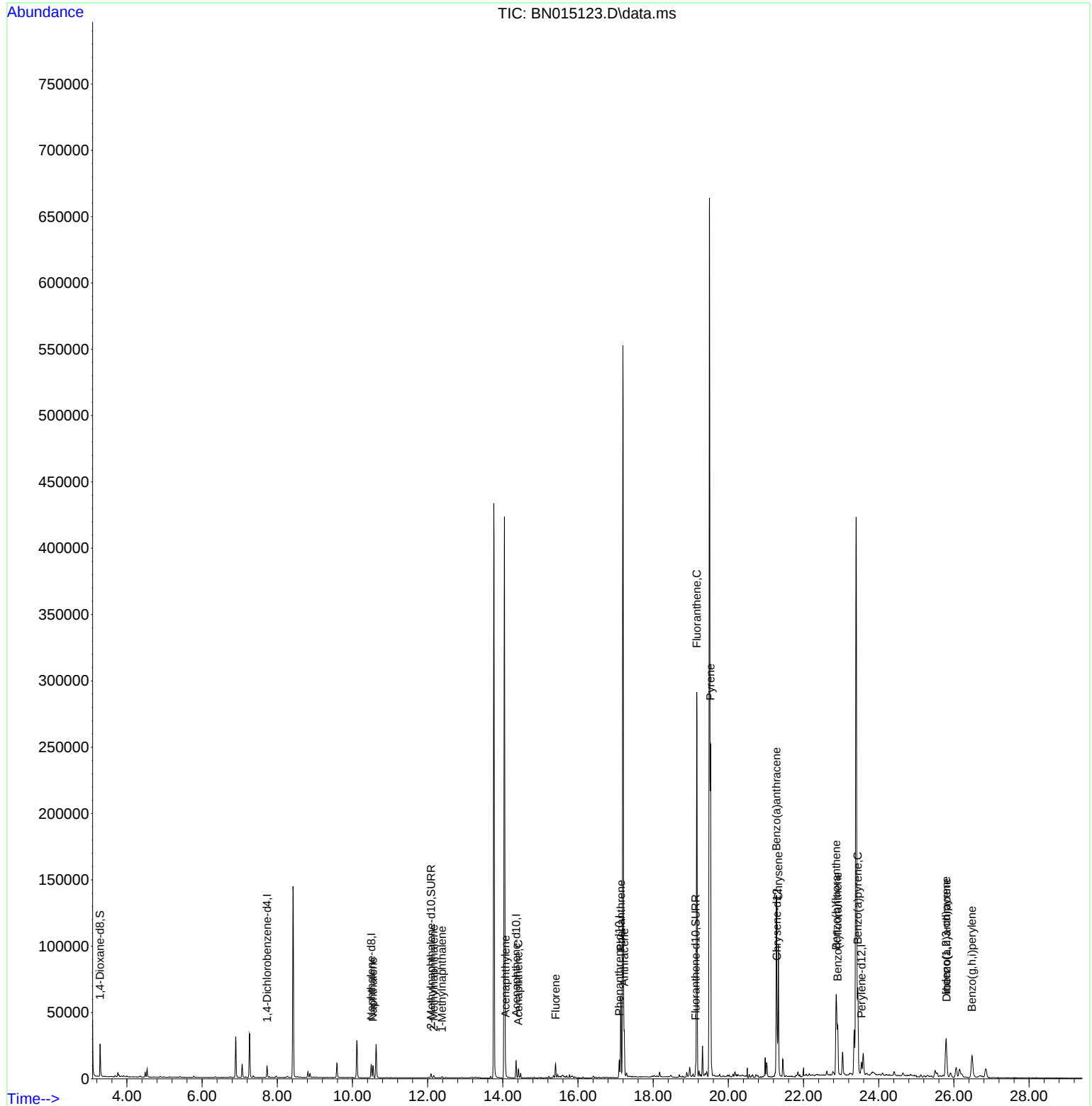
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
Data File : BN015123.D
Acq On : 26 Jun 2021 19:23
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ALS Vial : 6 Sample Multiplier: 1

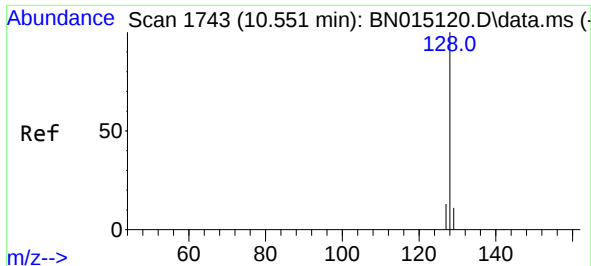
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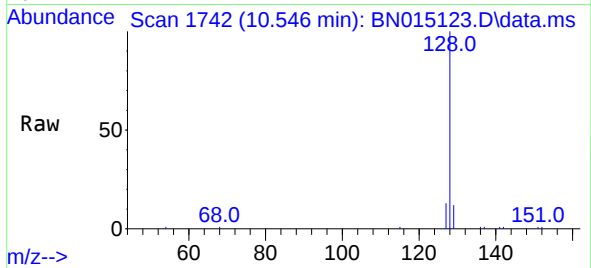
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QLast Update : Tue Jun 22 11:53:52 2021
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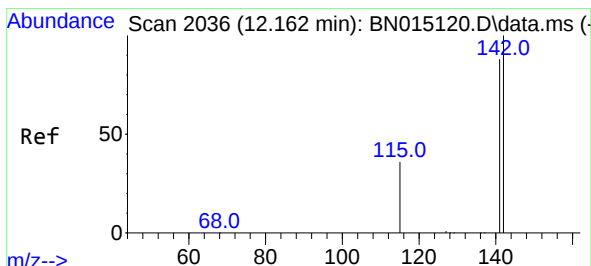
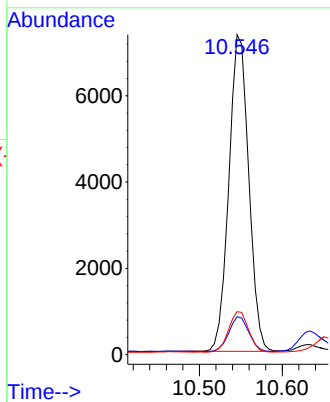
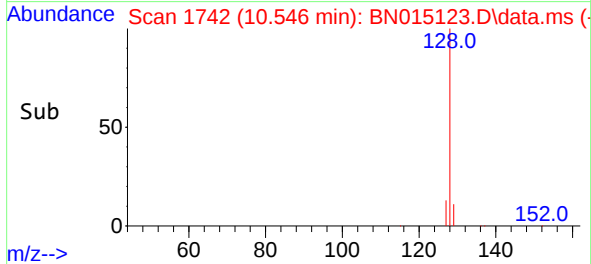




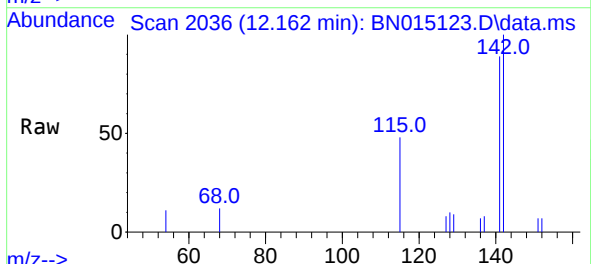
#5
Naphthalene
Concen: 0.287 ng/ul
RT: 10.546 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23



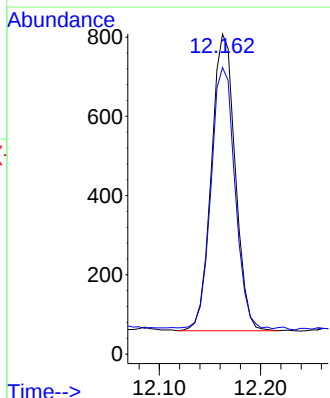
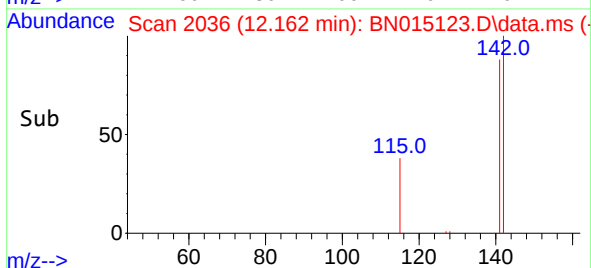
Tgt Ion:128 Resp: 12236
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 13.4 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23



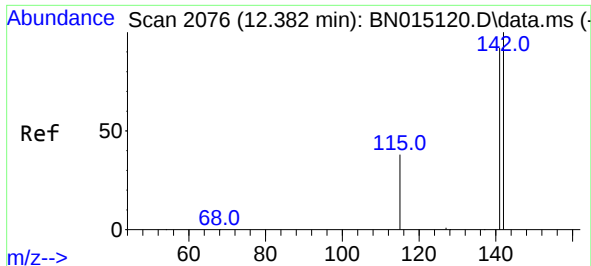
Tgt Ion:142 Resp: 1221
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5



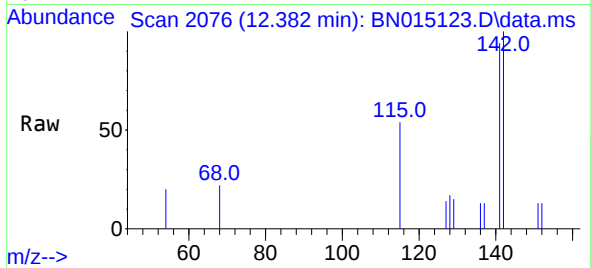
Instrument :
BNA_N
ClientSampleId :
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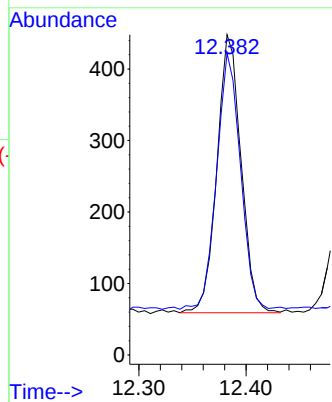
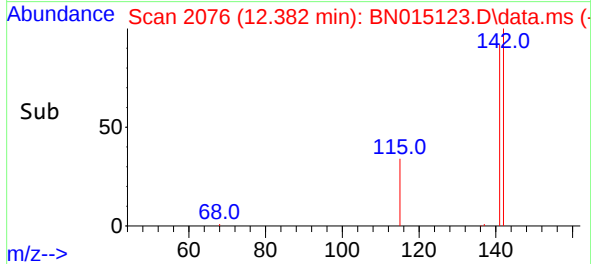
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#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23



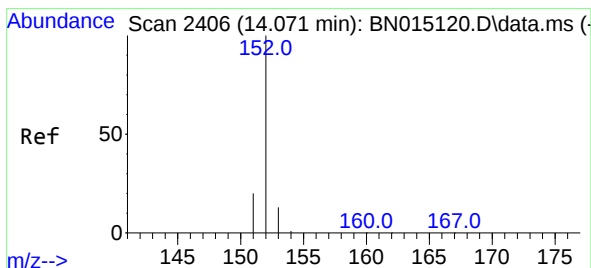
Tgt Ion:142 Resp: 605
Ion Ratio Lower Upper
142 100
141 90.9 74.2 111.4



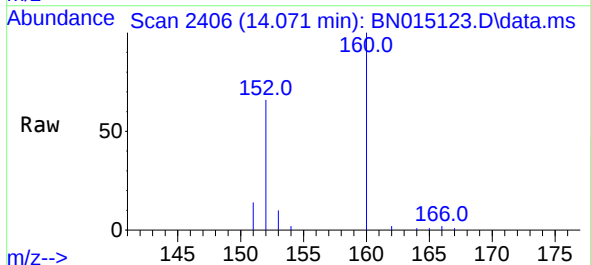
Instrument :
BNA_N
ClientSampled :
BGDA2

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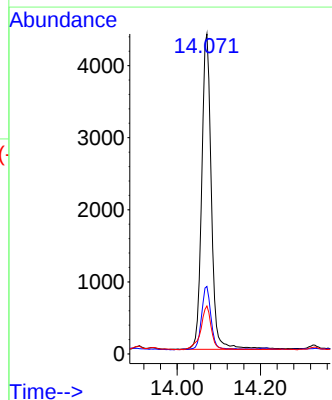
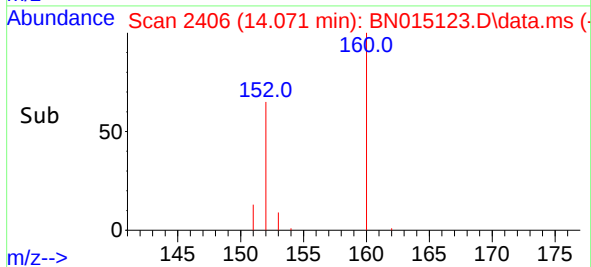
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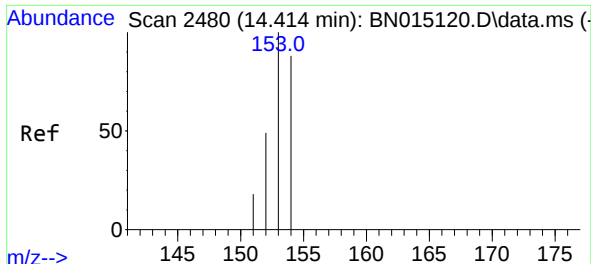


#10
Acenaphthylene
Concen: 0.194 ng/ul
RT: 14.071 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23



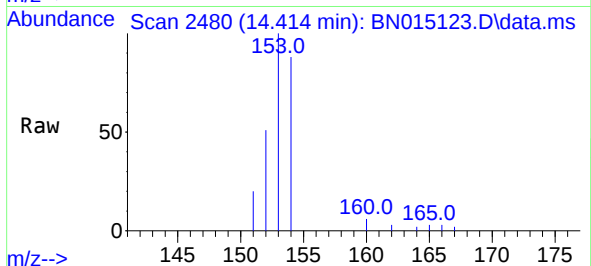
Tgt Ion:152 Resp: 7060
Ion Ratio Lower Upper
152 100
151 21.1 16.0 24.0
153 15.0 10.9 16.3





#11
Acenaphthene
Concen: 0.138 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23

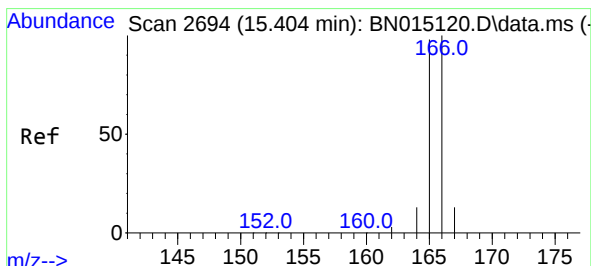
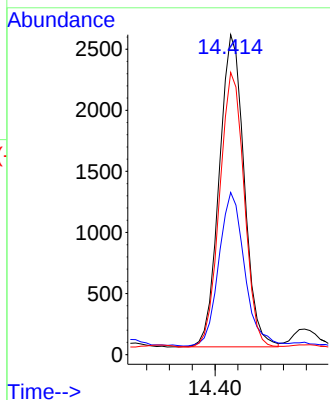
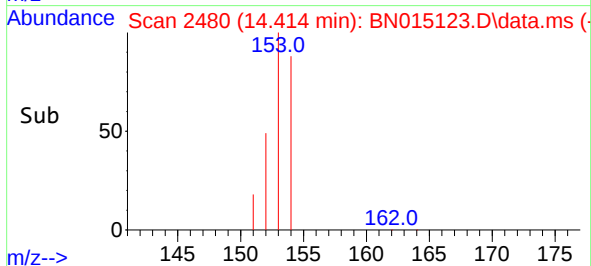
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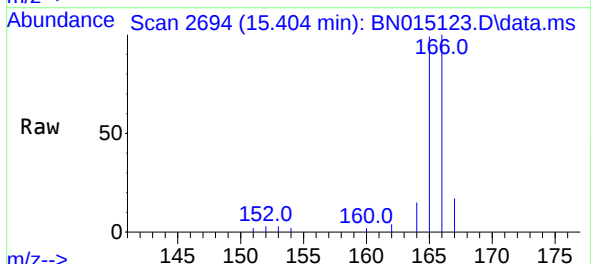
Tgt Ion:153 Resp: 3871
Ion Ratio Lower Upper
153 100
152 50.7 39.8 59.6
154 88.2 69.8 104.8

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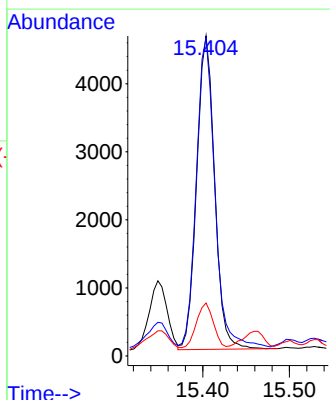
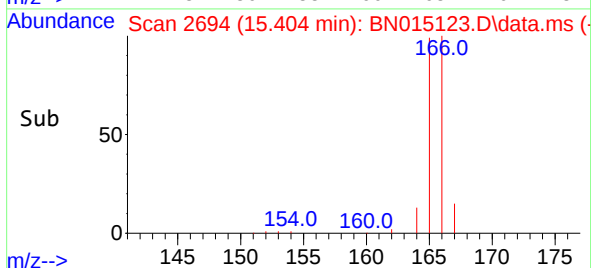
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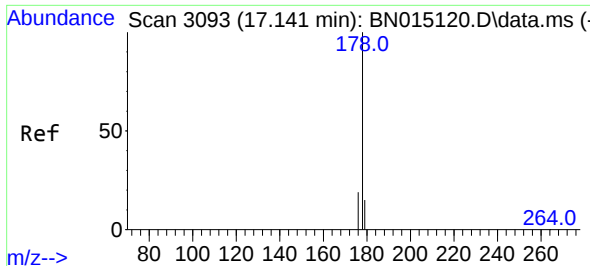


#12
Fluorene
Concen: 0.214 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23



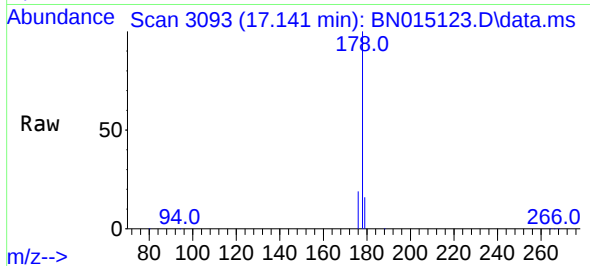
Tgt Ion:166 Resp: 6622
Ion Ratio Lower Upper
166 100
165 99.4 77.8 116.8
167 16.6 11.2 16.8





#15
Phenanthrene
Concen: 1.190 ng/u1
RT: 17.141 min Scan# 3093
Delta R.T. -0.010 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23

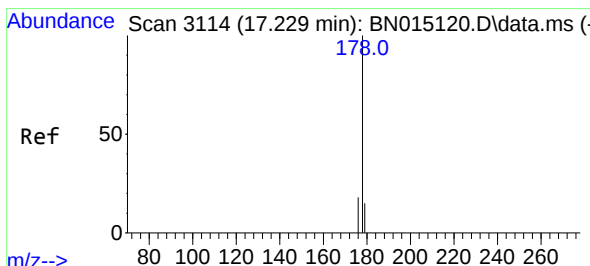
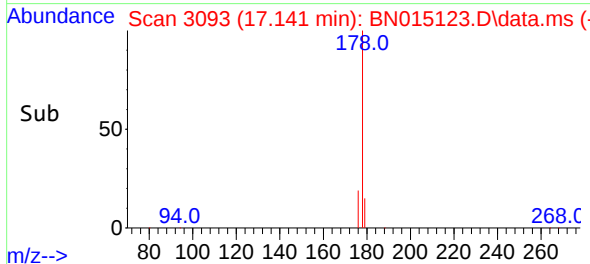
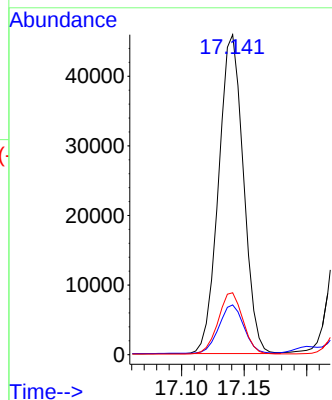
Instrument :
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Tgt Ion:178 Resp: 63235
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.3 15.5 23.3

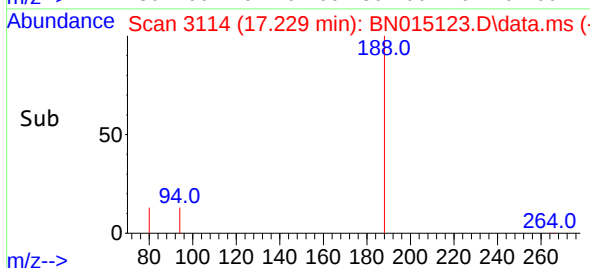
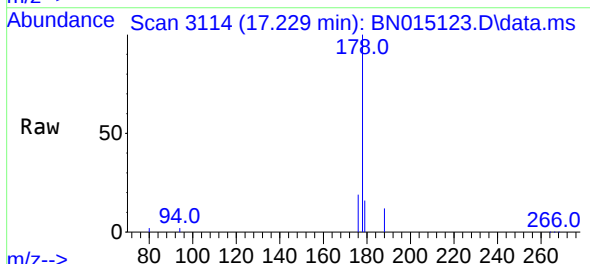
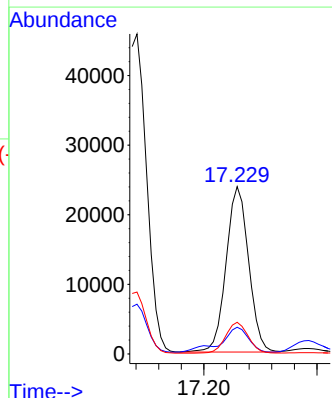
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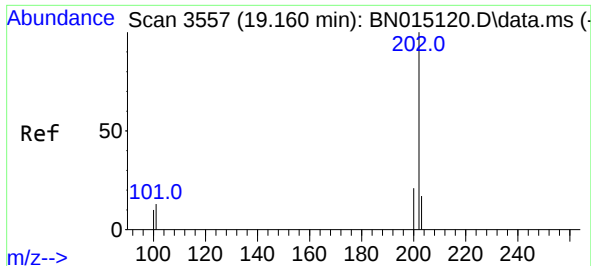
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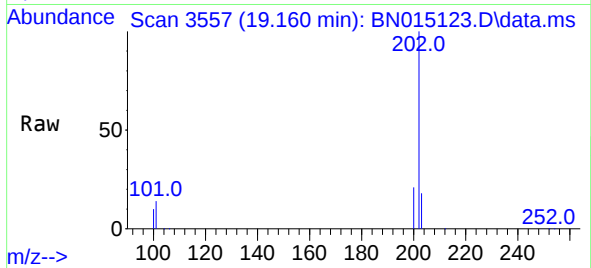
#16
Anthracene
Concen: 0.702 ng/u1
RT: 17.229 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23

Tgt Ion:178 Resp: 32864
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.0 15.2 22.8

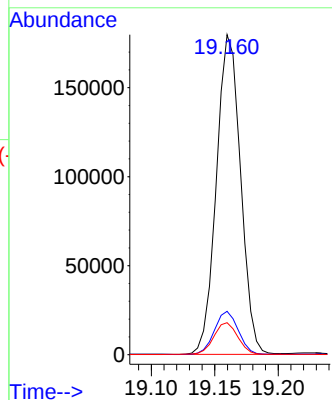




#19
Fluoranthene
Concen: 3.684 ng/u1
RT: 19.160 min Scan# 3557
Delta R.T. -0.016 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23



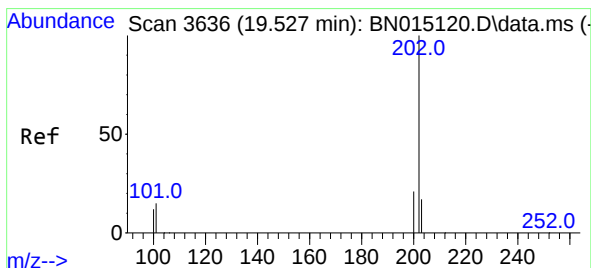
Tgt Ion:202 Resp: 237986
Ion Ratio Lower Upper
202 100
101 13.5 10.1 15.1
100 10.0 7.4 11.0



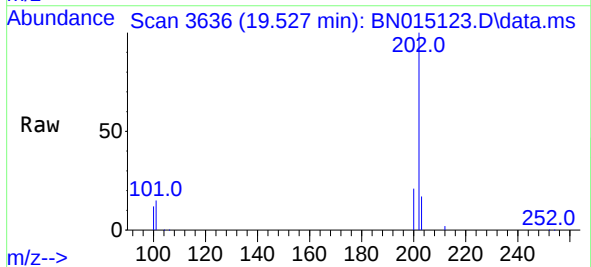
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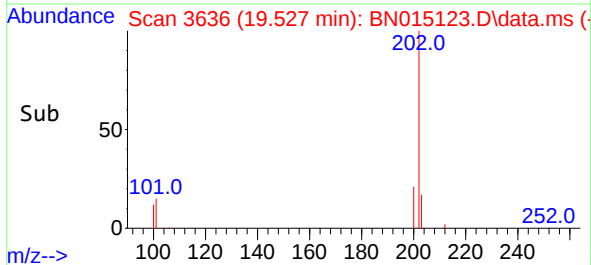
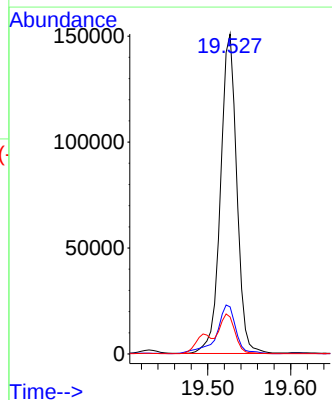
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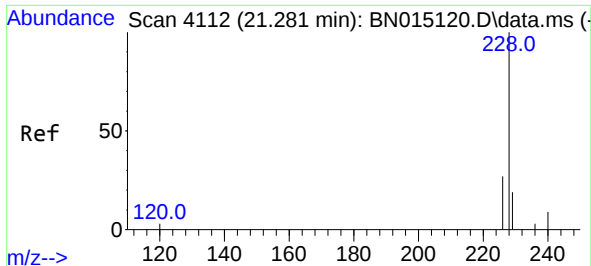


#20
Pyrene
Concen: 3.159 ng/u1
RT: 19.527 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23

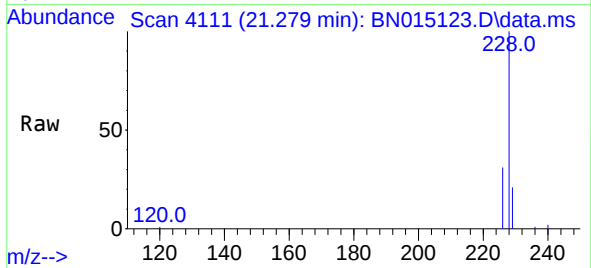


Tgt Ion:202 Resp: 204670
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.6 9.6 14.4

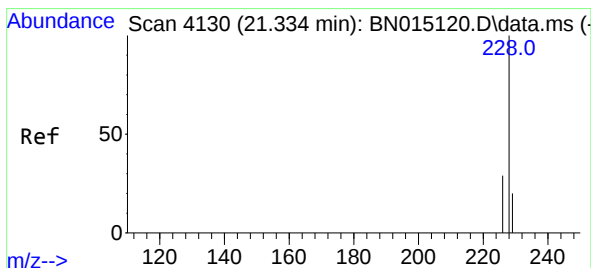
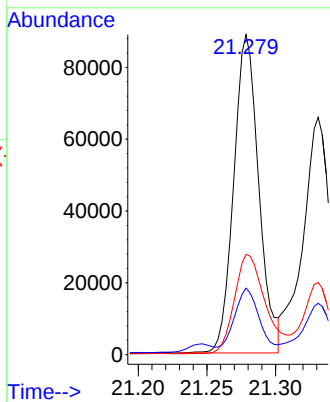
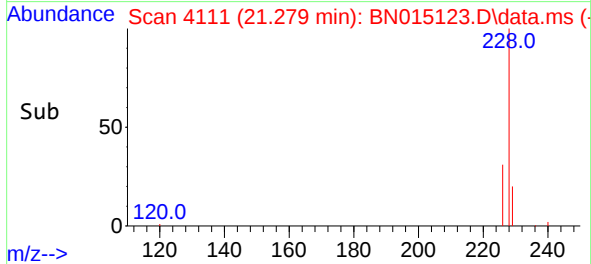




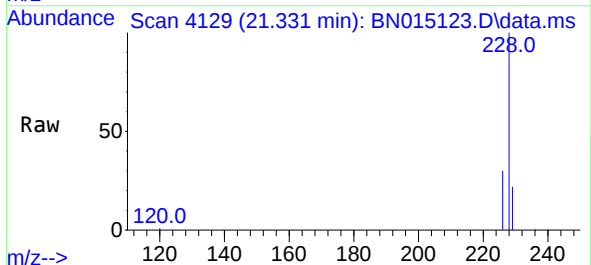
#21
Benzo(a)anthracene
Concen: 2.173 ng/ul
RT: 21.279 min Scan# 4111
Delta R.T. -0.018 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23



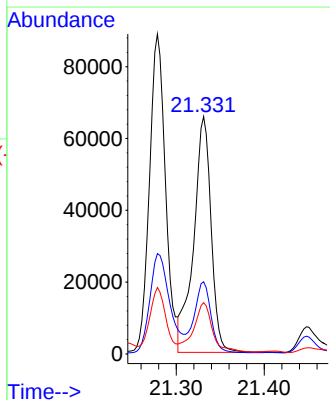
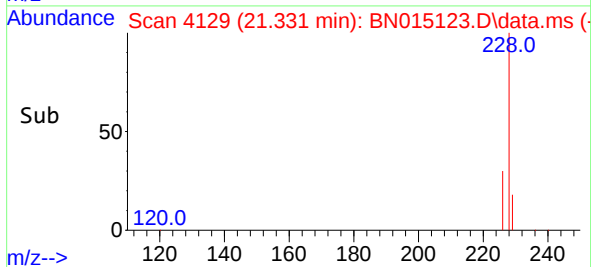
Tgt Ion:228 Resp: 112523
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 31.4 21.8 32.8



#22
Chrysene
Concen: 1.465 ng/ul
RT: 21.331 min Scan# 4129
Delta R.T. -0.018 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23



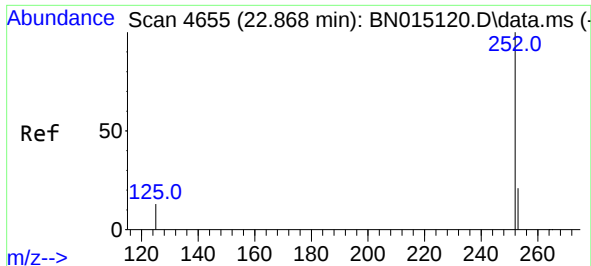
Tgt Ion:228 Resp: 90813
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 21.6 15.7 23.5



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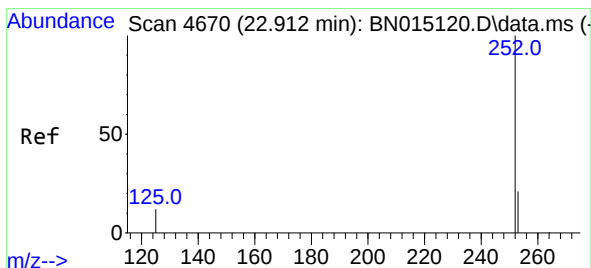
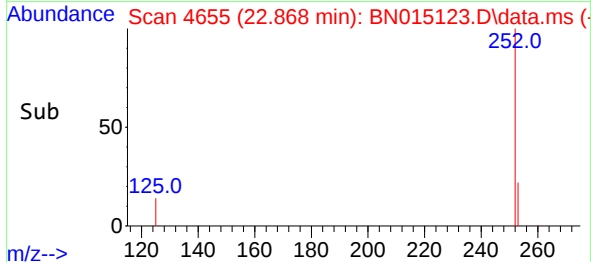
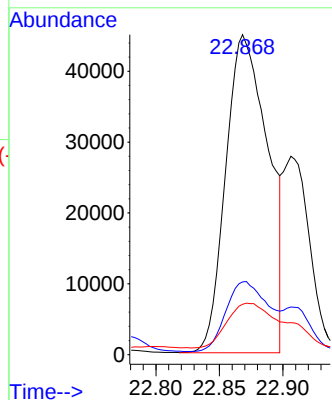
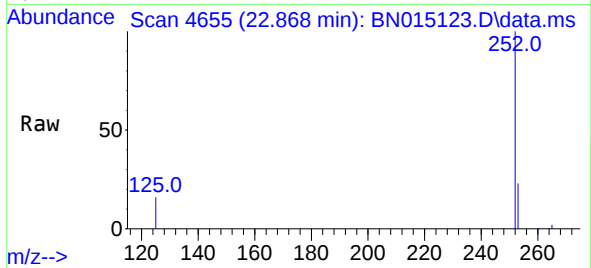
#24
Benzo(b)fluoranthene
Concen: 1.890 ng/ul m
RT: 22.868 min Scan# 4655
Delta R.T. -0.026 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23

Tgt Ion:252 Resp: 103969
Ion Ratio Lower Upper
252 100
253 22.7 0.0 45.6
125 15.7 0.0 28.4

Instrument :
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BGDA2

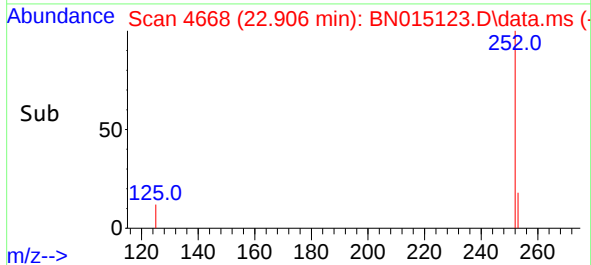
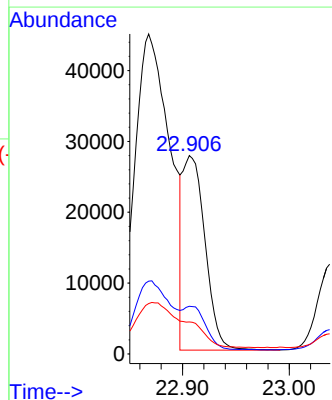
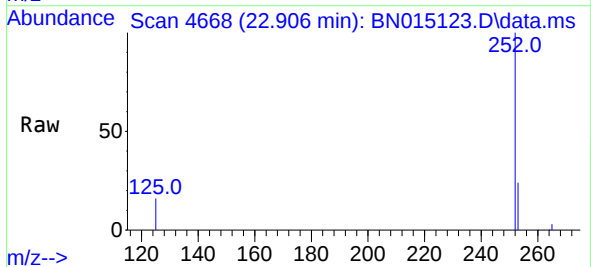
Manual Integrations
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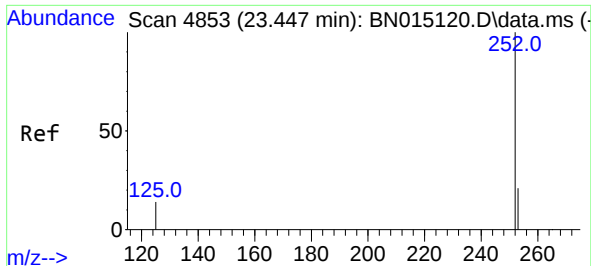
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#25
Benzo(k)fluoranthene
Concen: 0.639 ng/ul m
RT: 22.906 min Scan# 4668
Delta R.T. -0.032 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23

Tgt Ion:252 Resp: 39703
Ion Ratio Lower Upper
252 100
253 24.0 18.1 27.1
125 16.1 11.5 17.3





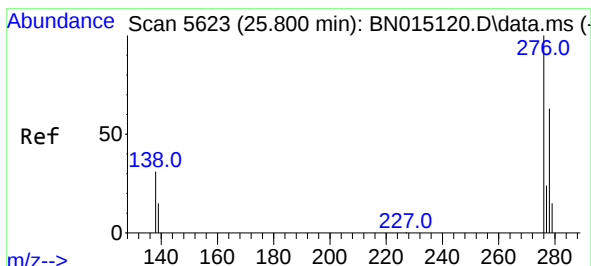
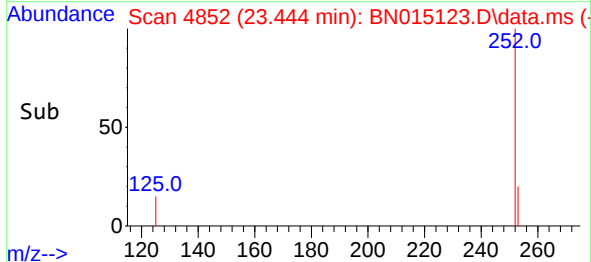
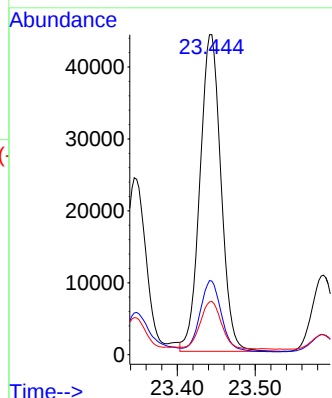
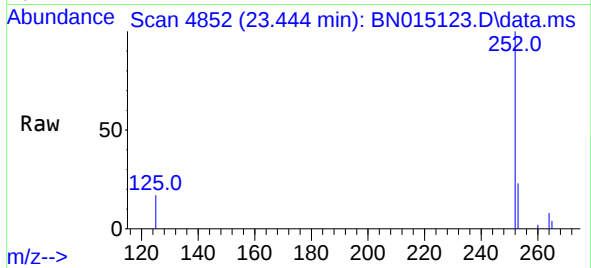
#26
Benzo(a)pyrene
Concen: 1.785 ng/ul
RT: 23.444 min Scan# 4852
Delta R.T. -0.026 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23

Tgt Ion:	252	Resp:	82467
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.9	28.3
125	16.7	13.5	20.3

Instrument :
BNA_N
ClientSampleId :
BGDA2

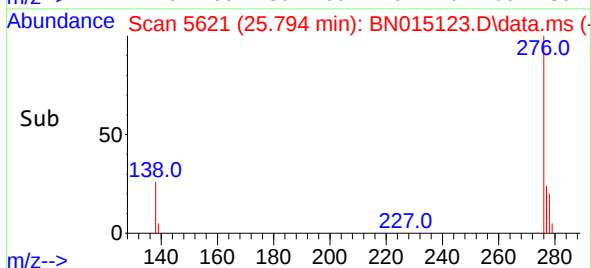
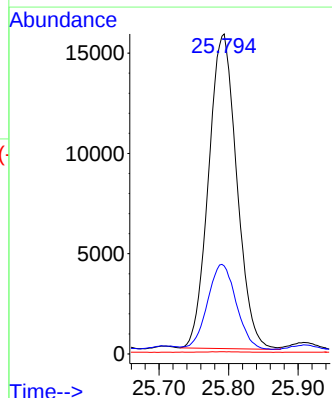
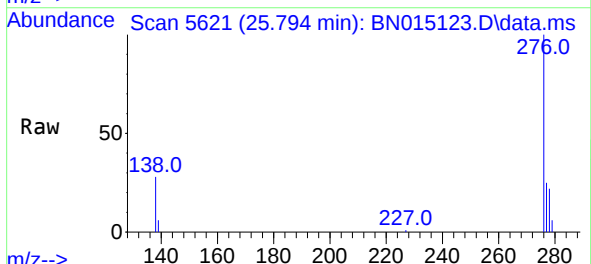
Manual Integrations
APPROVED

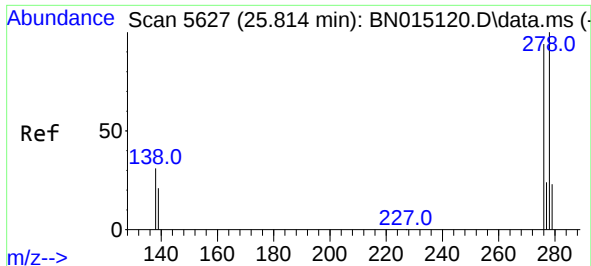
mohammad
6/28/2021 1:27:19 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.792 ng/ul
RT: 25.794 min Scan# 5621
Delta R.T. -0.047 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23

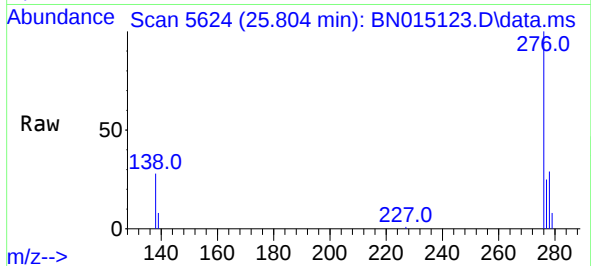
Tgt Ion:	276	Resp:	44215
Ion Ratio	Lower	Upper	
276	100		
138	27.8	26.3	39.5
227	0.2	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.255 ng/ul
RT: 25.804 min Scan# 5624
Delta R.T. -0.057 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23

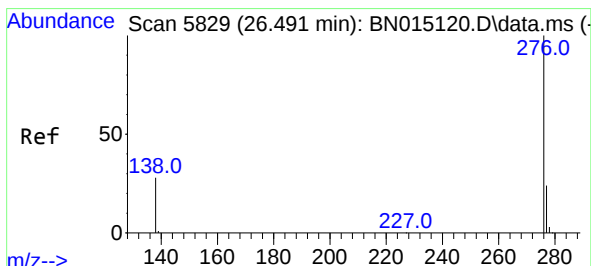
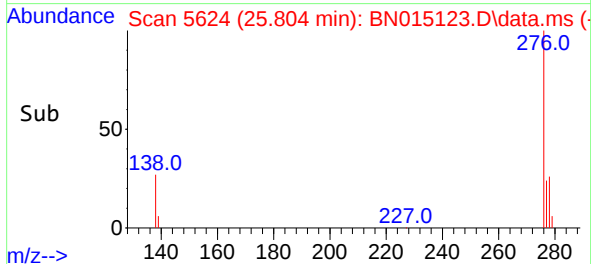
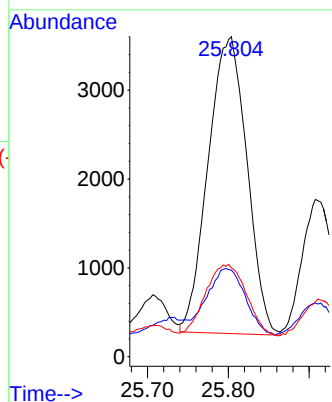
Instrument :
BNA_N
ClientSampled :
BGDA2



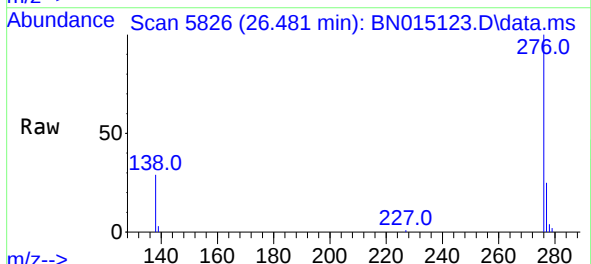
Tgt Ion:278 Resp: 11138
Ion Ratio Lower Upper
278 100
139 27.1 18.9 28.3
279 27.8 20.8 31.2

Manual Integrations
APPROVED

mohammad
6/28/2021 1:27:19 PM



#29
Benzo(g,h,i)perylene
Concen: 0.663 ng/ul
RT: 26.481 min Scan# 5826
Delta R.T. -0.044 min
Lab File: BN015123.D
Acq: 26 Jun 2021 19:23



Tgt Ion:276 Resp: 34272
Ion Ratio Lower Upper
276 100
138 29.5 23.0 34.4
277 24.5 19.3 28.9

