

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015124.D
 Acq On : 26 Jun 2021 19:59
 Operator : CG/JU
 Sample : M2680-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD74

Manual Integrations
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Quant Time: Jun 27 06:42:23 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	4199	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.501	136	14584	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.350	164	7838	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.099	188	15839	0.400	ng/ul	-0.01
17) Chrysene-d12	21.295	240	15060	0.400	ng/ul	-0.02
23) Perylene-d12	23.540	264	12956	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	17405	3.677	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	4781	0.209	ng/ul	-0.01
18) Fluoranthene-d10	19.133	212	11715	0.237	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.545	128	19413	0.417	ng/ul	100
7) 2-Methylnaphthalene	12.162	142	2311	0.076	ng/ul	100
8) 1-Methylnaphthalene	12.382	142	2262	0.077	ng/ul	97
10) Acenaphthylene	14.072	152	25958	0.641	ng/ul	99
11) Acenaphthene	14.414	153	18415	0.593	ng/ul	99
12) Fluorene	15.405	166	15491	0.451	ng/ul	98
15) Phenanthrene	17.137	178	154910	2.695	ng/ul	100
16) Anthracene	17.230	178	58657	1.157	ng/ul	99
19) Fluoranthene	19.160	202	444181	6.383	ng/ul	98
20) Pyrene	19.528	202	343006	4.915	ng/ul	99
21) Benzo(a)anthracene	21.278	228	256628	4.600	ng/ul	97
22) Chrysene	21.327	228	194389	2.911	ng/ul	98
24) Benzo(b)fluoranthene	22.867	252	267129m	4.413	ng/ul	
25) Benzo(k)fluoranthene	22.905	252	96889m	1.418	ng/ul	
26) Benzo(a)pyrene	23.443	252	207039	4.073	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.793	276	126814	2.065	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.796	278	29997	0.623	ng/ul	98
29) Benzo(g,h,i)perylene	26.484	276	98621	1.733	ng/ul	99

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

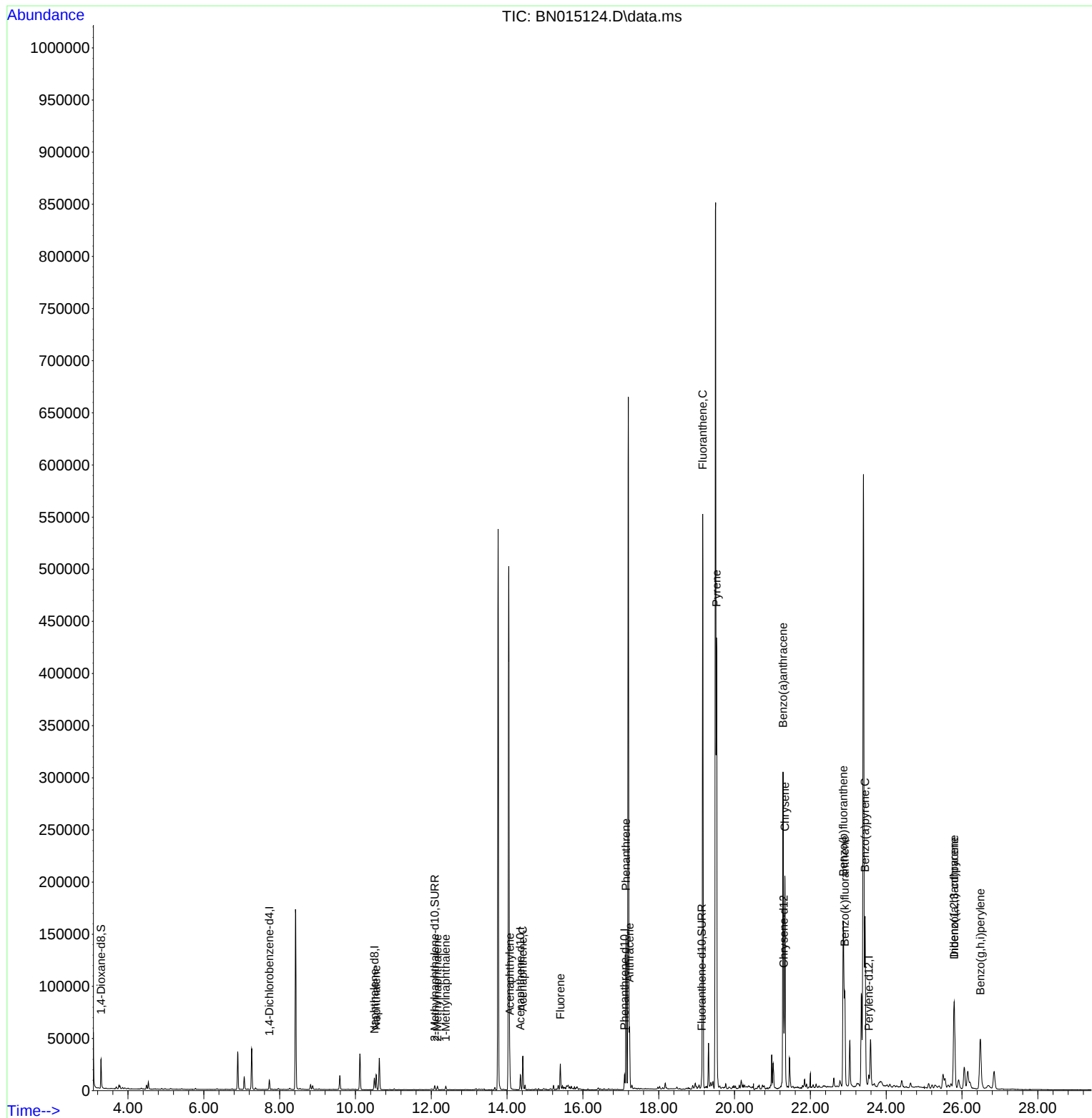
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Acq On : 26 Jun 2021 19:59
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ALS Vial : 7 Sample Multiplier: 1

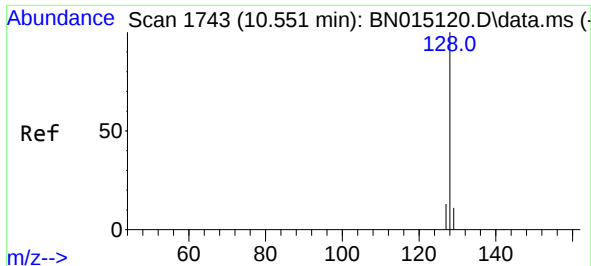
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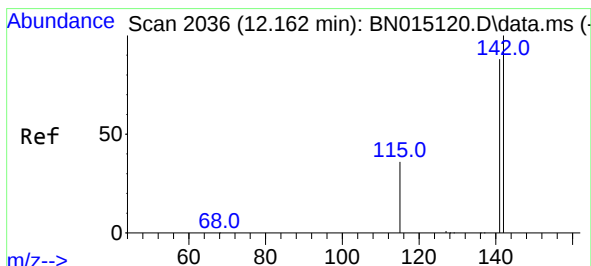
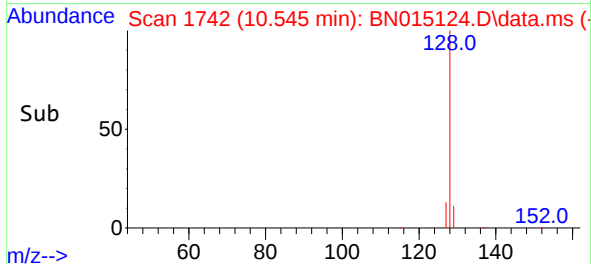
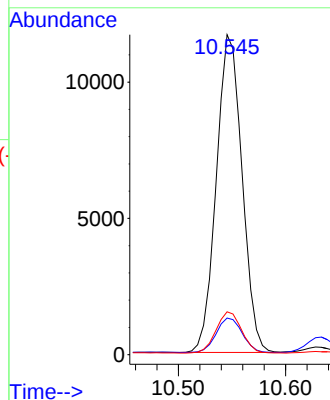
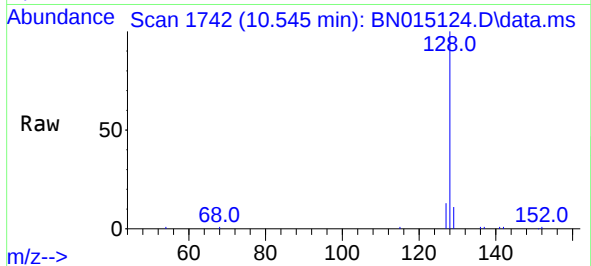
#5
Naphthalene
Concen: 0.417 ng/ul
RT: 10.545 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59

Tgt Ion:	128	Resp:	19413
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.3	13.9
127	13.4	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
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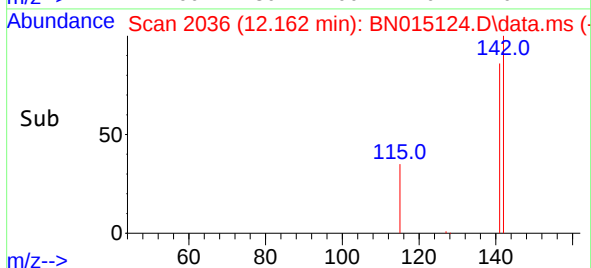
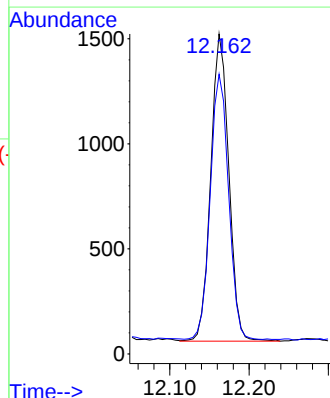
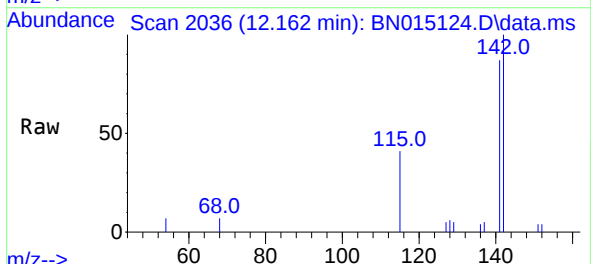
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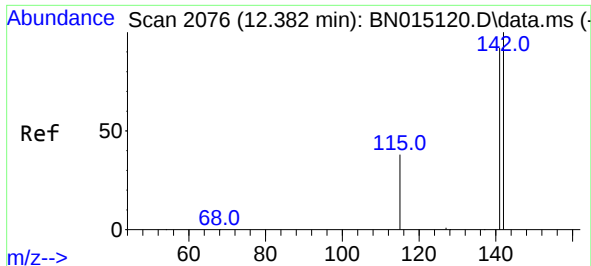
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#7
2-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59

Tgt Ion:	142	Resp:	2311
Ion Ratio	Lower	Upper	
142	100		
141	87.5	70.3	105.5





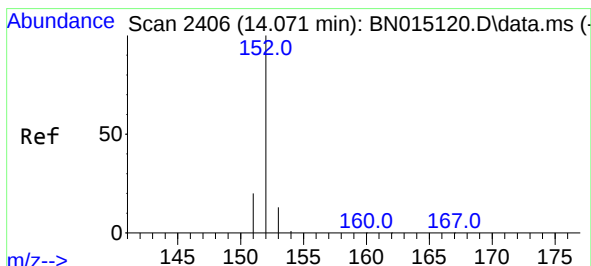
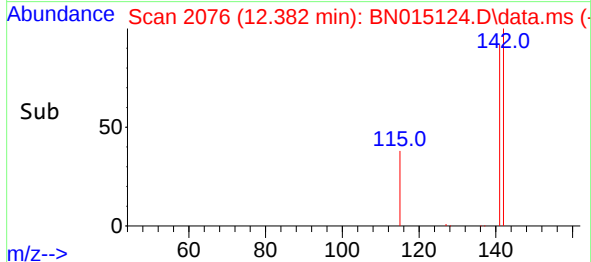
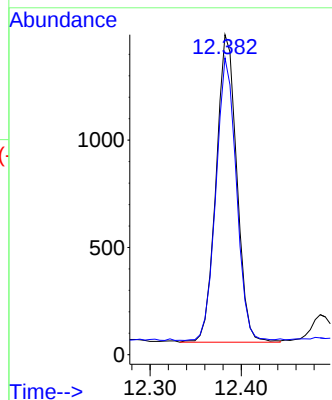
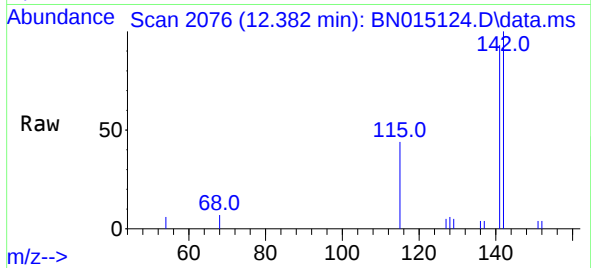
#8
1-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59

Tgt Ion:142 Resp: 2262
Ion Ratio Lower Upper
142 100
141 90.3 74.2 111.4

Instrument :
BNA_N
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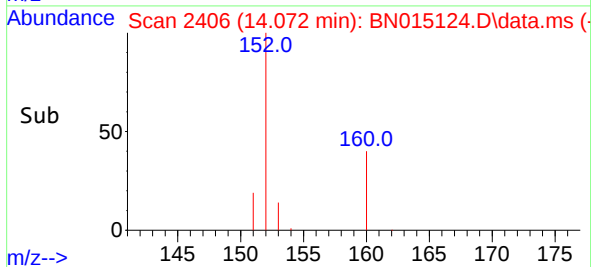
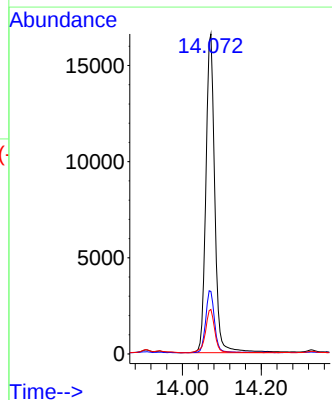
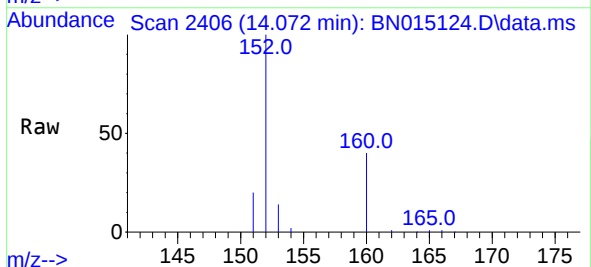
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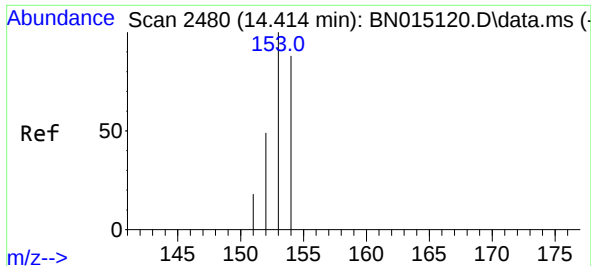
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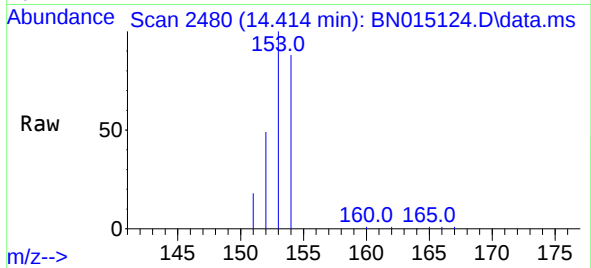
#10
Acenaphthylene
Concen: 0.641 ng/ul
RT: 14.072 min Scan# 2406
Delta R.T. -0.010 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59

Tgt Ion:152 Resp: 25958
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.9 10.9 16.3

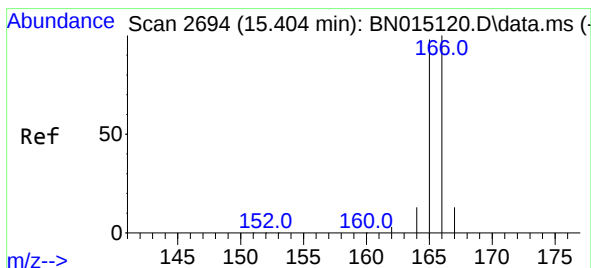
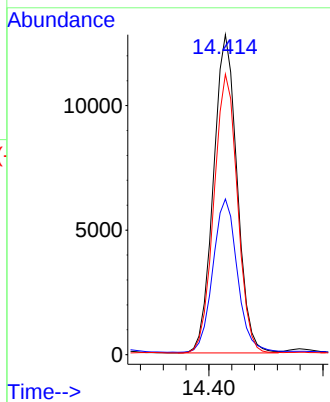
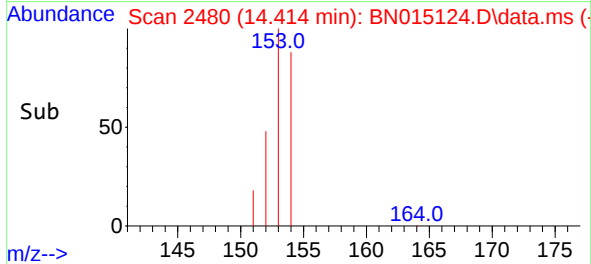




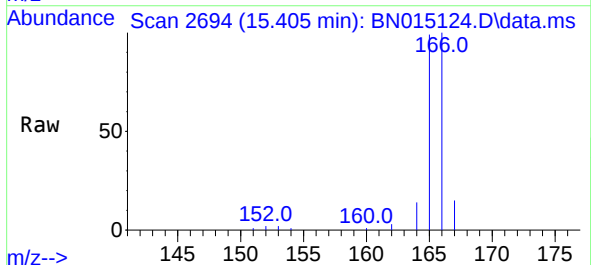
#11
Acenaphthene
Concen: 0.593 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.010 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59



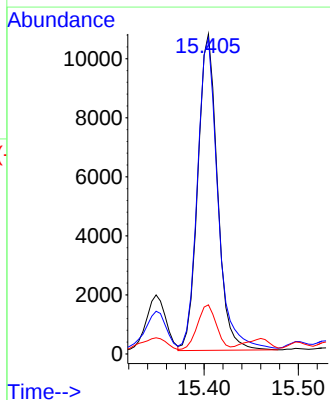
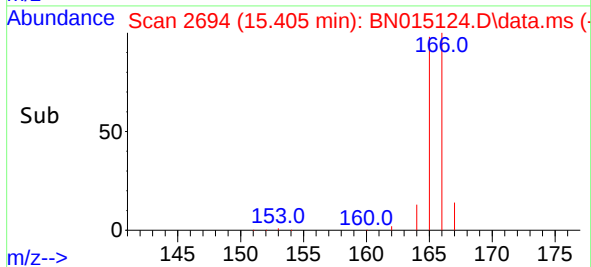
Tgt Ion:153 Resp: 18415
Ion Ratio Lower Upper
153 100
152 48.7 39.8 59.6
154 87.6 69.8 104.8



#12
Fluorene
Concen: 0.451 ng/ul
RT: 15.405 min Scan# 2694
Delta R.T. -0.010 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59



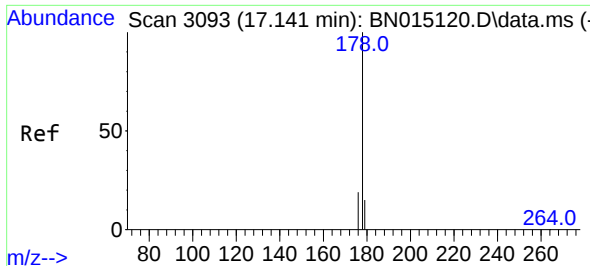
Tgt Ion:166 Resp: 15491
Ion Ratio Lower Upper
166 100
165 98.7 77.8 116.8
167 15.3 11.2 16.8



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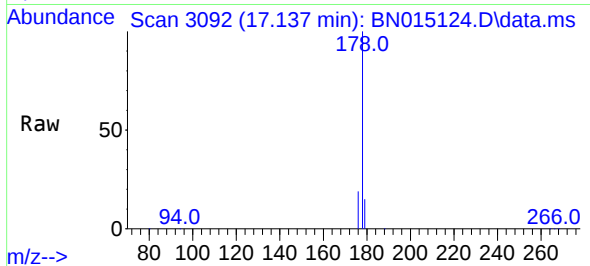
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#15
Phenanthrene
Concen: 2.695 ng/u1
RT: 17.137 min Scan# 3092
Delta R.T. -0.014 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59

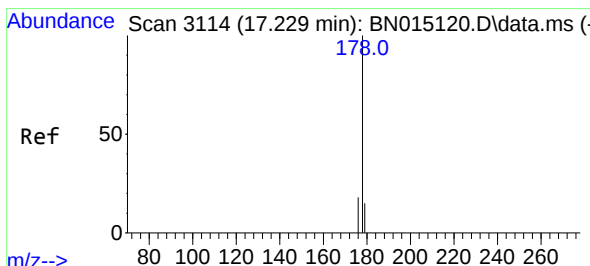
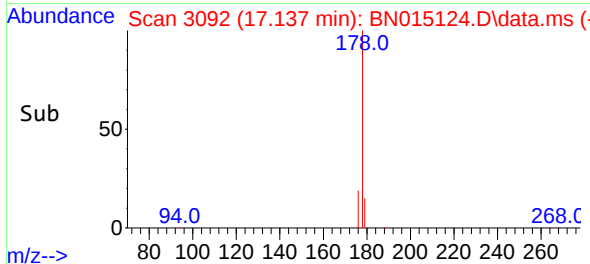
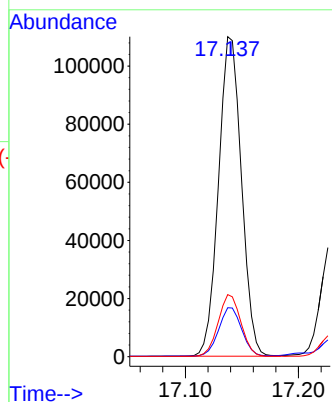
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BNA_N
ClientSampled :
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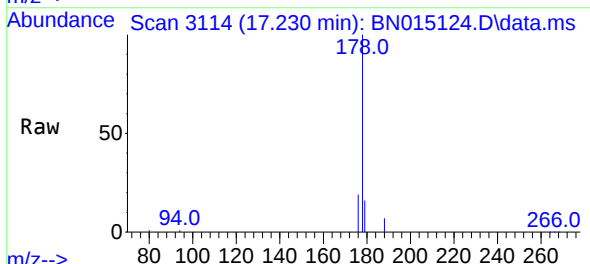
Tgt Ion:178 Resp: 154910
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.4 15.5 23.3

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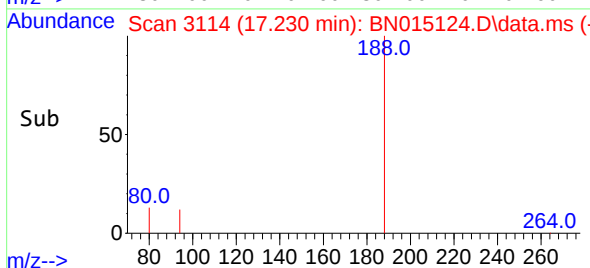
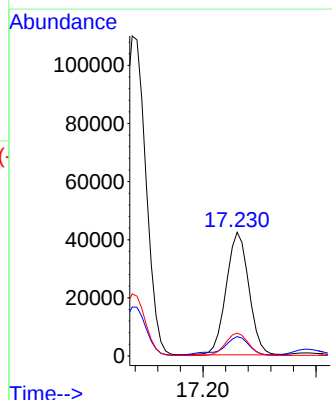
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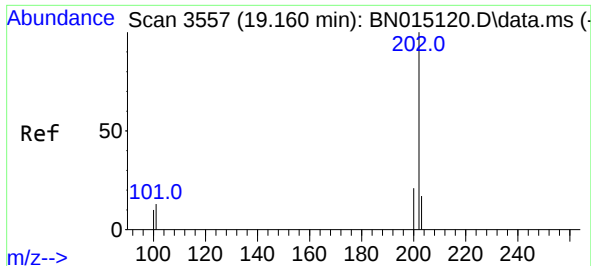


#16
Anthracene
Concen: 1.157 ng/u1
RT: 17.230 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59



Tgt Ion:178 Resp: 58657
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 18.6 15.2 22.8





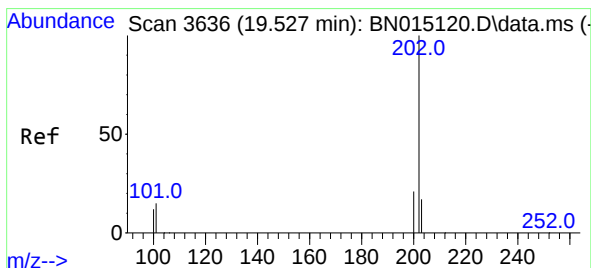
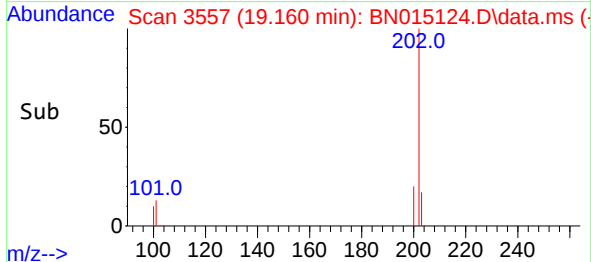
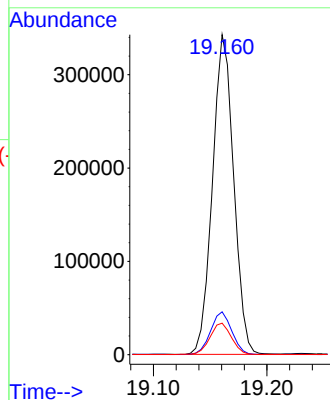
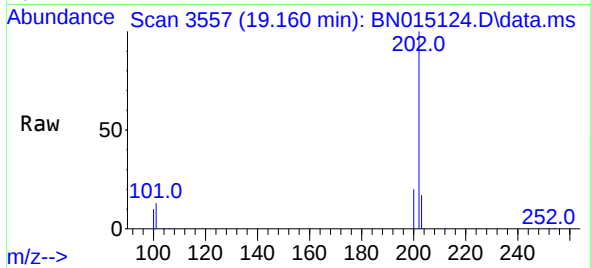
#19
Fluoranthene
Concen: 6.383 ng/u1
RT: 19.160 min Scan# 3557
Delta R.T. -0.015 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59

Tgt Ion:	202	Resp:	444181
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.1	15.1
100	9.8	7.4	11.0

Instrument :
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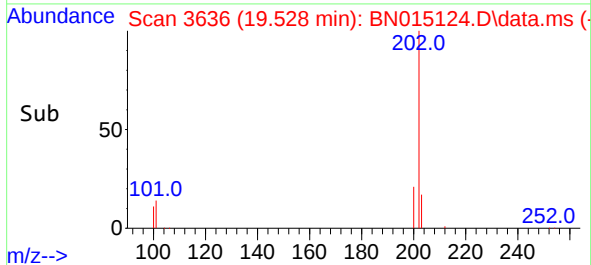
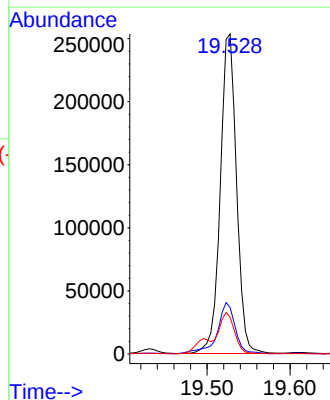
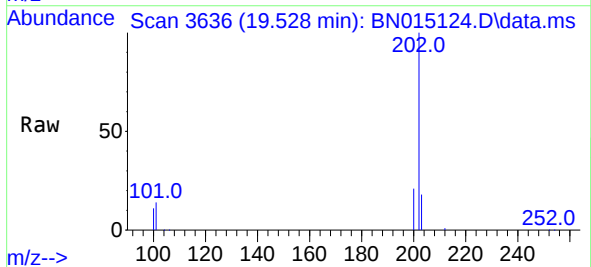
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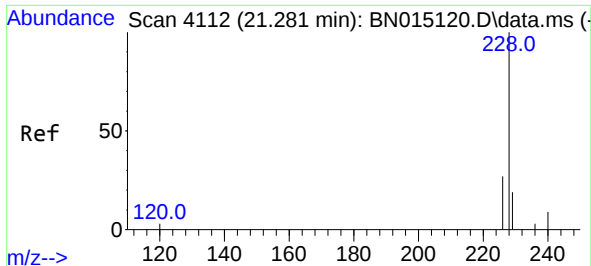
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#20
Pyrene
Concen: 4.915 ng/u1
RT: 19.528 min Scan# 3636
Delta R.T. -0.010 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59

Tgt Ion:	202	Resp:	343006
Ion Ratio	Lower	Upper	
202	100		
101	14.5	12.0	18.0
100	11.5	9.6	14.4





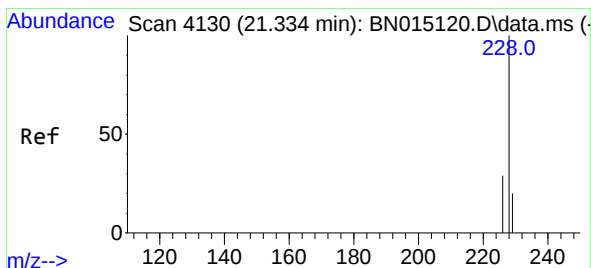
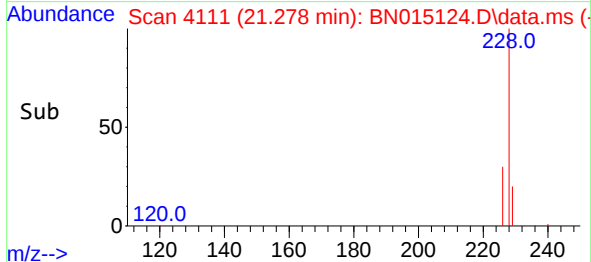
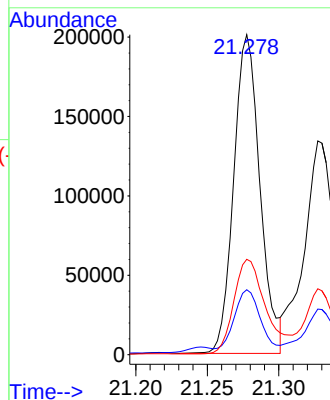
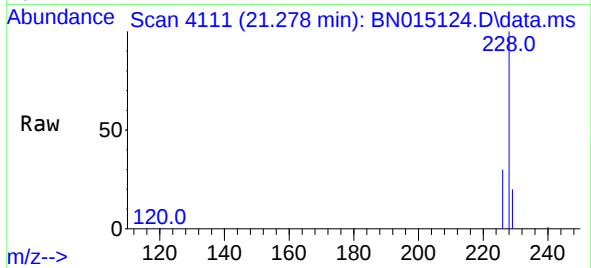
#21
Benzo(a)anthracene
Concen: 4.600 ng/ul
RT: 21.278 min Scan# 4111
Delta R.T. -0.018 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59

Tgt Ion:228 Resp: 256628
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 29.8 21.8 32.8

Instrument :
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BGD74

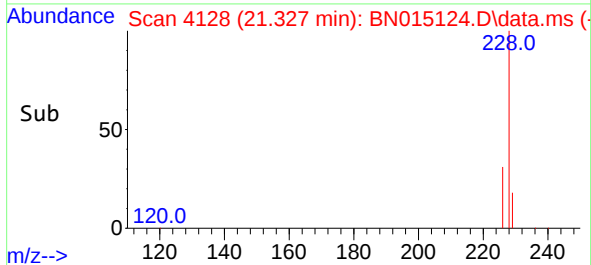
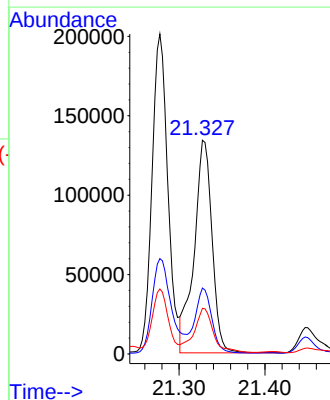
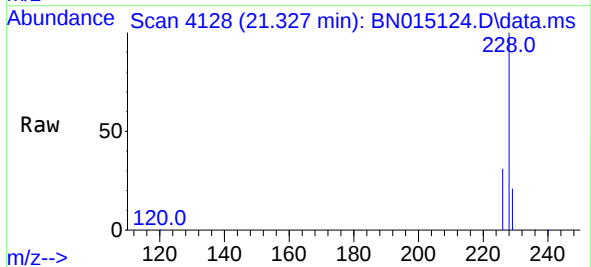
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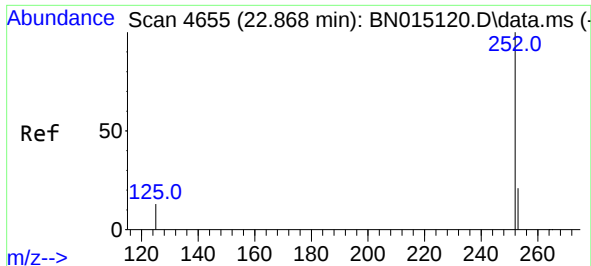
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#22
Chrysene
Concen: 2.911 ng/ul
RT: 21.327 min Scan# 4128
Delta R.T. -0.021 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59

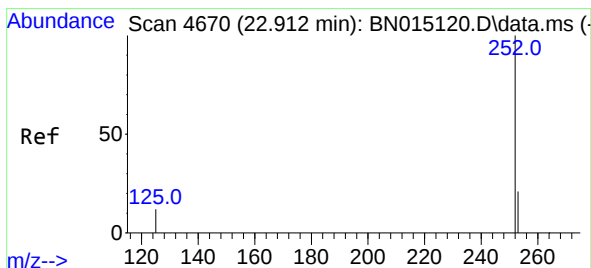
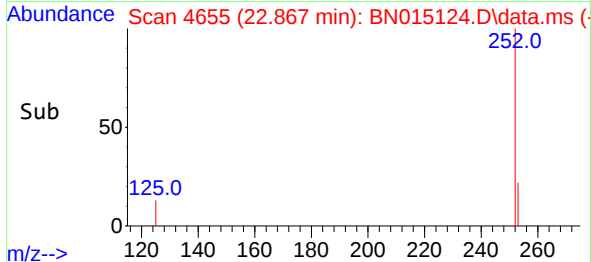
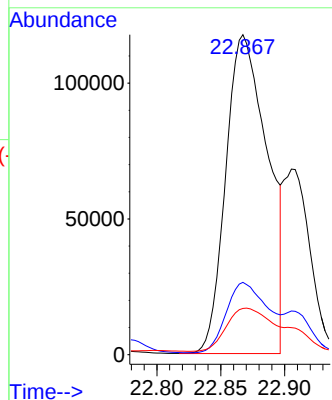
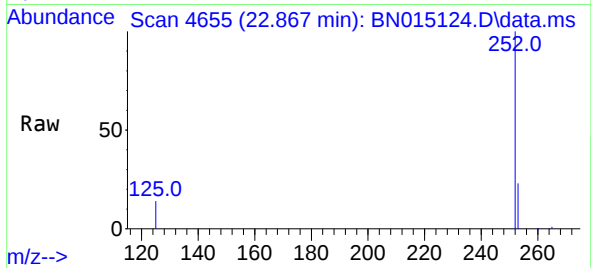
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Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 21.3 15.7 23.5





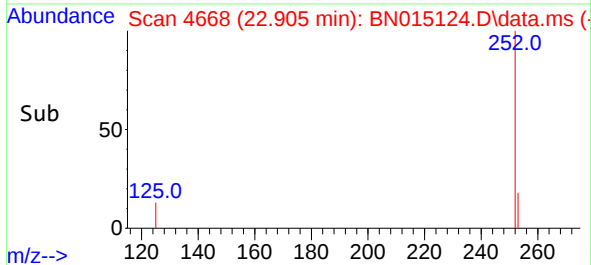
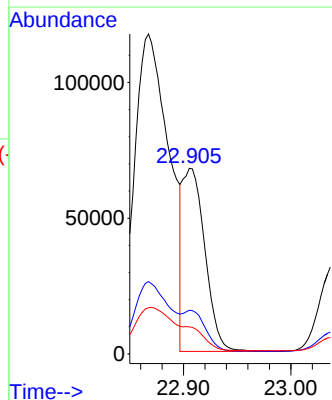
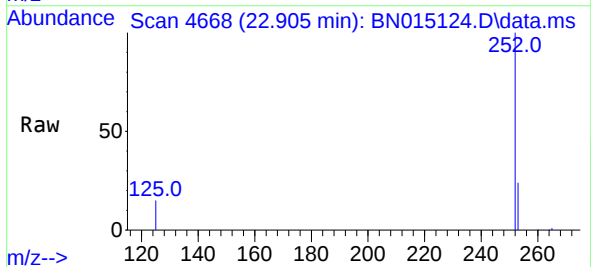
#24
Benzo(b)fluoranthene
Concen: 4.413 ng/ul m
RT: 22.867 min Scan# 4655
Delta R.T. -0.027 min
Lab File: BN015124.D
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Tgt Ion:252 Resp: 267129
Ion Ratio Lower Upper
252 100
253 22.6 0.0 45.6
125 14.5 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 1.418 ng/ul m
RT: 22.905 min Scan# 4668
Delta R.T. -0.033 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59

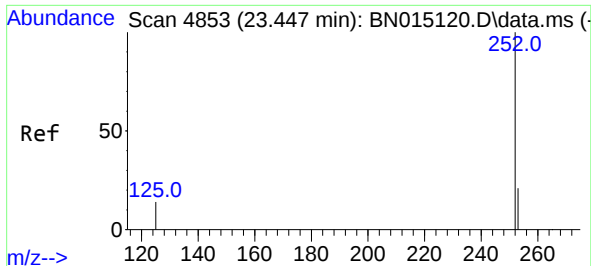
Tgt Ion:252 Resp: 96889
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 14.6 11.5 17.3



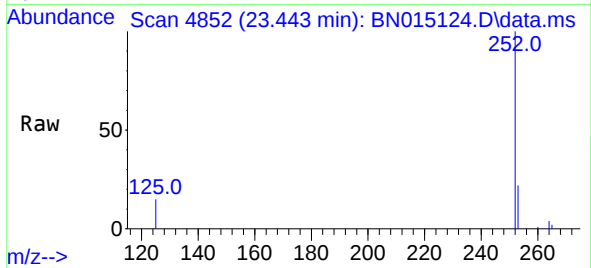
Instrument :
BNA_N
ClientSampled :
BGD74

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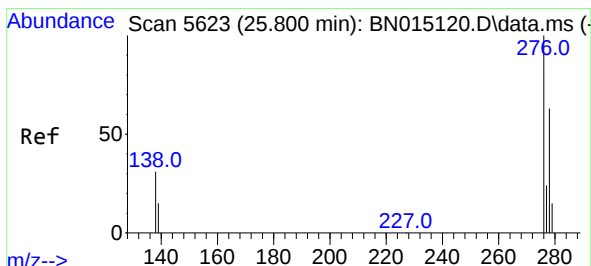
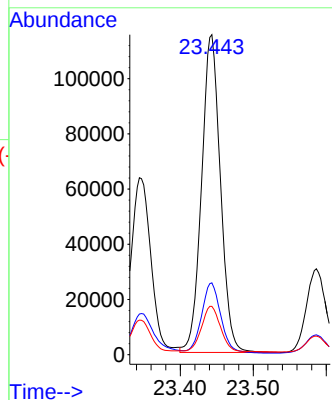
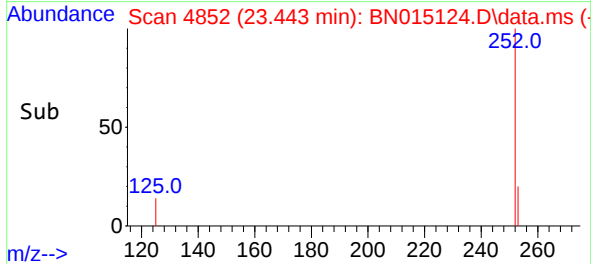
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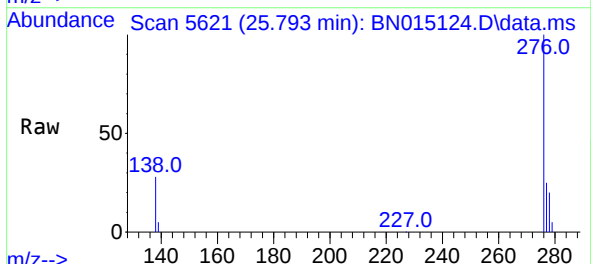
#26
Benzo(a)pyrene
Concen: 4.073 ng/ul
RT: 23.443 min Scan# 4852
Delta R.T. -0.027 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59



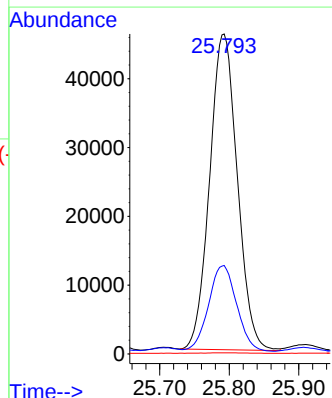
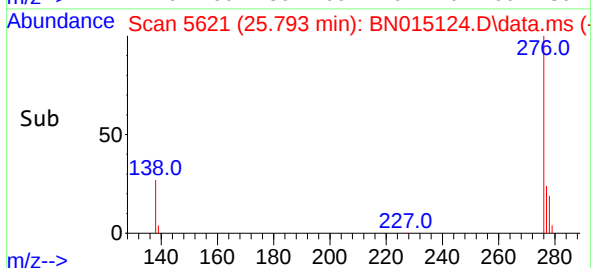
Tgt Ion:252 Resp: 207039
Ion Ratio Lower Upper
252 100
253 22.5 18.9 28.3
125 15.1 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.065 ng/ul
RT: 25.793 min Scan# 5621
Delta R.T. -0.048 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59



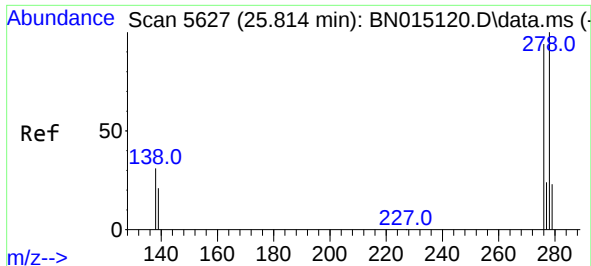
Tgt Ion:276 Resp: 126814
Ion Ratio Lower Upper
276 100
138 27.7 26.3 39.5
227 0.2 0.1 0.1#



Instrument :
BNA_N
ClientSampleId :
BGD74

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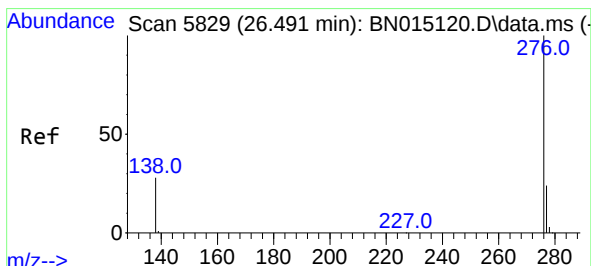
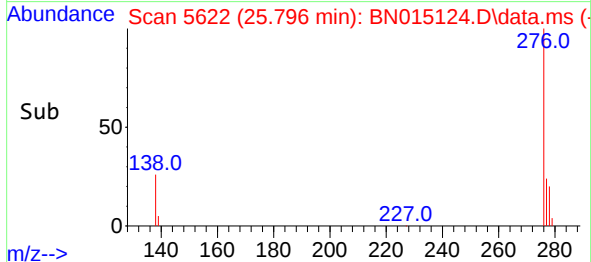
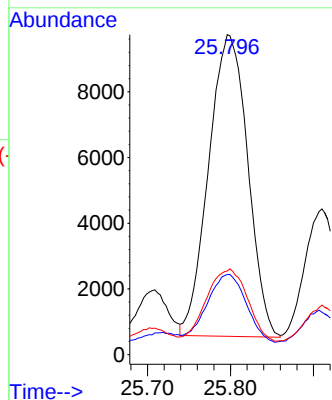
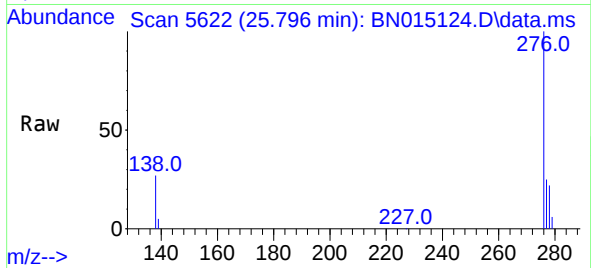
#28
Dibenzo(a,h)anthracene
Concen: 0.623 ng/ul
RT: 25.796 min Scan# 5622
Delta R.T. -0.065 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59

Tgt Ion: 278 Resp: 29997
Ion Ratio Lower Upper
278 100
139 25.0 18.9 28.3
279 26.2 20.8 31.2

Instrument :
BNA_N
ClientSampled :
BGD74

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 1.733 ng/ul
RT: 26.484 min Scan# 5827
Delta R.T. -0.041 min
Lab File: BN015124.D
Acq: 26 Jun 2021 19:59

Tgt Ion: 276 Resp: 98621
Ion Ratio Lower Upper
276 100
138 28.0 23.0 34.4
277 24.2 19.3 28.9

