

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102221\
 Data File : BN017069.D
 Acq On : 22 Oct 2021 12:02
 Operator : CG/JU
 Sample : M4207-07DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY7DL

Manual Integrations
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Quant Time: Oct 22 13:00:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN101921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 22 10:13:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	2134	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	8667	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	5612	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	15438	0.400	ng/ul	0.00
17) Chrysene-d12	21.163	240	19818	0.400	ng/ul	0.00
23) Perylene-d12	23.376	264	25850	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.075	96	807	0.348	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	369	0.030	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	1149	0.023	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.370	128	2384	0.091	ng/ul#	94
7) 2-Methylnaphthalene	11.998	142	1297	0.079	ng/ul	98
8) 1-Methylnaphthalene	12.218	142	679	0.041	ng/ul	99
10) Acenaphthylene	13.915	152	7429	0.327	ng/ul	99
11) Acenaphthene	14.262	153	510	0.026	ng/ul#	93
12) Fluorene	15.256	166	2045	0.091	ng/ul#	98
15) Phenanthrene	16.994	178	20858	0.425	ng/ul	99
16) Anthracene	17.082	178	200640	4.850	ng/ul	99
19) Fluoranthene	19.021	202	117950	1.737	ng/ul	99
20) Pyrene	19.383	202	113267	1.622	ng/ul	99
21) Benzo(a)anthracene	21.149	228	113368	1.754	ng/ul	98
22) Chrysene	21.199	228	453818	6.173	ng/ul	100
24) Benzo(b)fluoranthene	22.715	252	327179m	3.364	ng/ul	
25) Benzo(k)fluoranthene	22.756	252	125652m	1.172	ng/ul	
26) Benzo(a)pyrene	23.276	252	185365	2.131	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.601	276	340674	2.758	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.608	278	86156	0.878	ng/ul	97
29) Benzo(g,h,i)perylene	26.286	276	338191	3.160	ng/ul	99

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

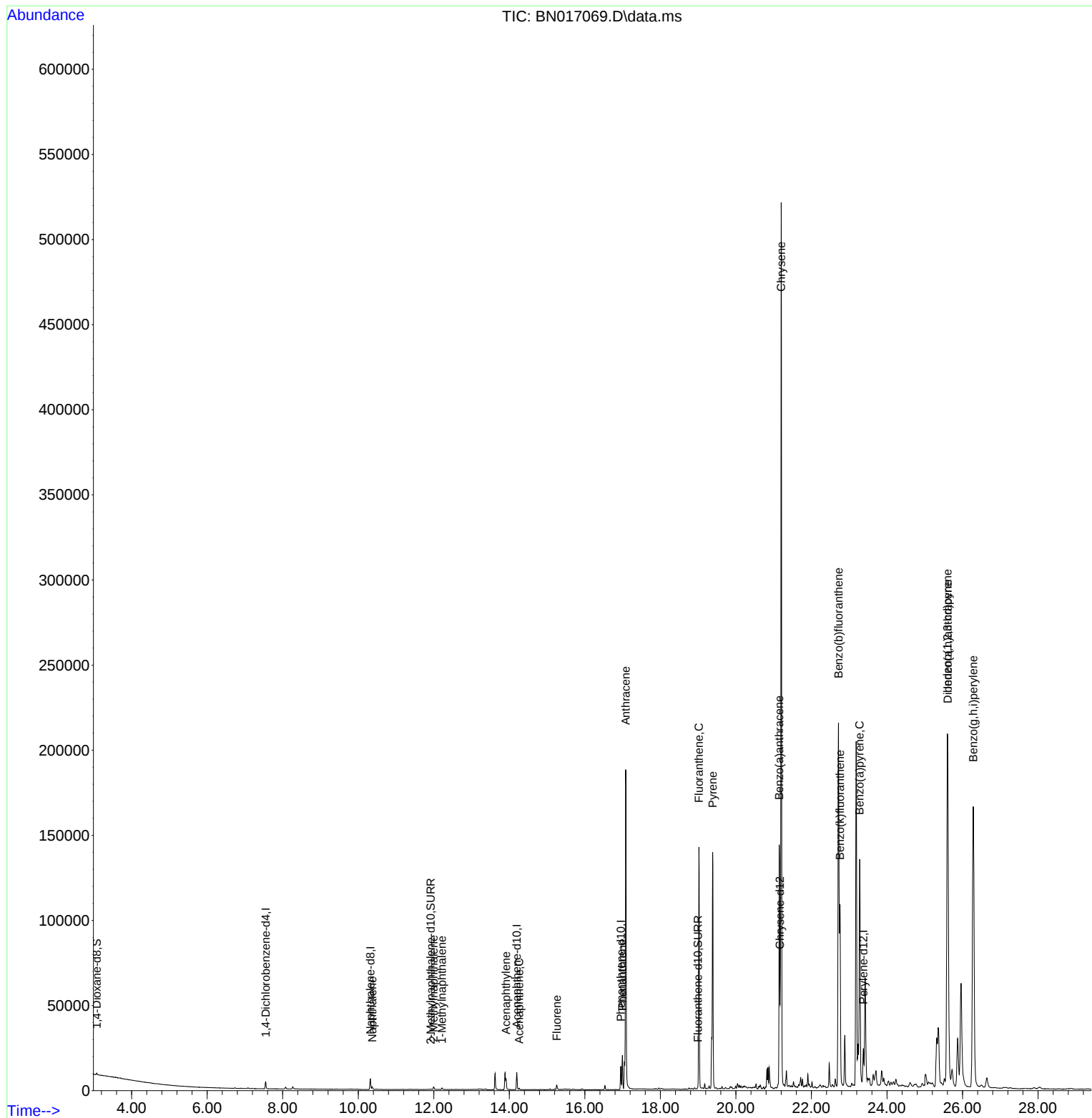
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Data File : BN017069.D
Acq On : 22 Oct 2021 12:02
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ALS Vial : 34 Sample Multiplier: 1

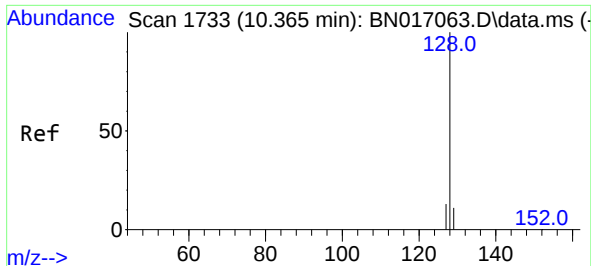
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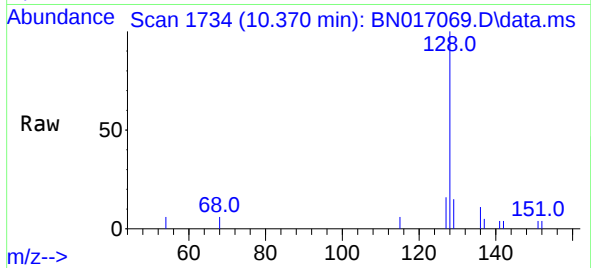
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Quant Time: Oct 22 13:00:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN101921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 22 10:13:40 2021
Response via : Initial Calibration

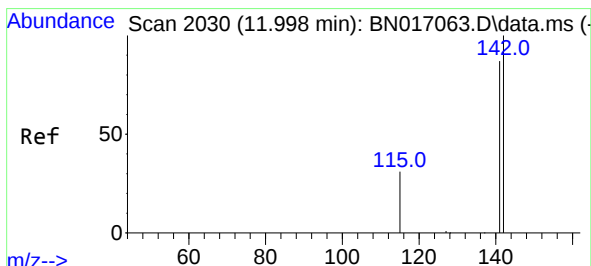
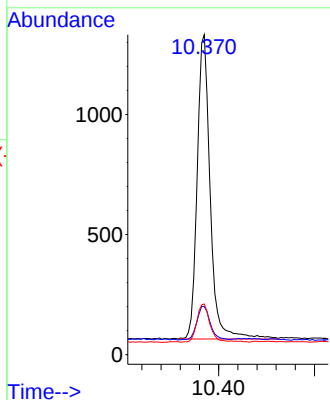
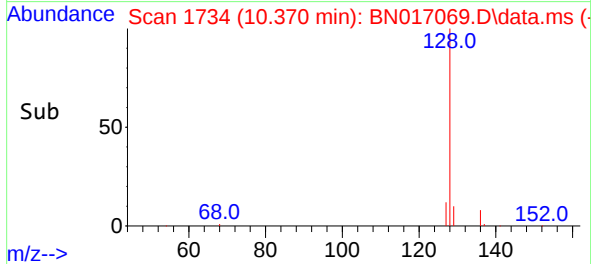




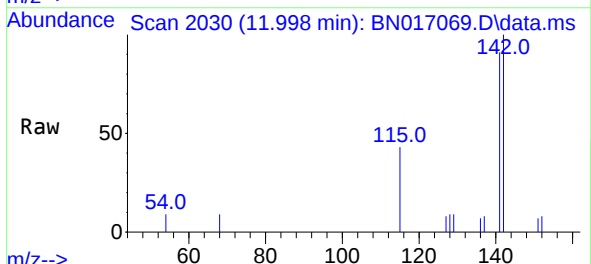
#5
Naphthalene
Concen: 0.091 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. 0.005 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02



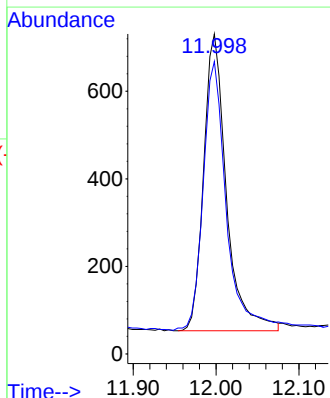
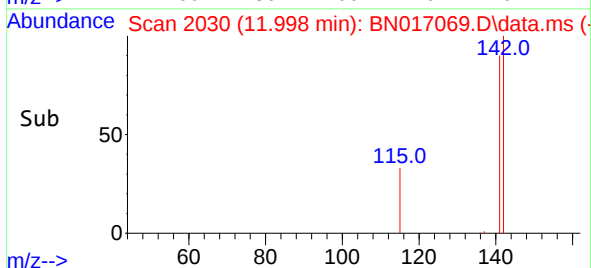
Tgt Ion:128 Resp: 2384
Ion Ratio Lower Upper
128 100
129 15.0 9.6 14.4#
127 15.8 11.0 16.4



#7
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 11.998 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02



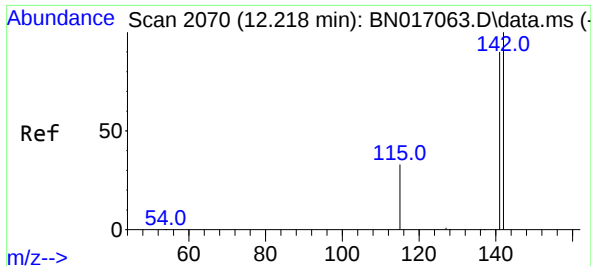
Tgt Ion:142 Resp: 1297
Ion Ratio Lower Upper
142 100
141 91.2 71.4 107.0



Instrument :
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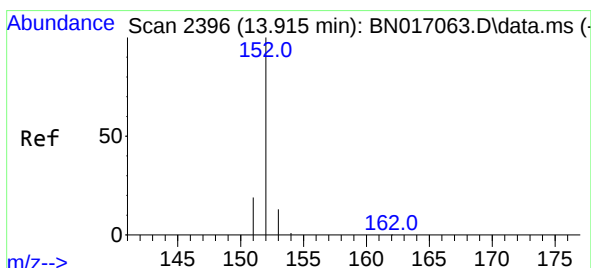
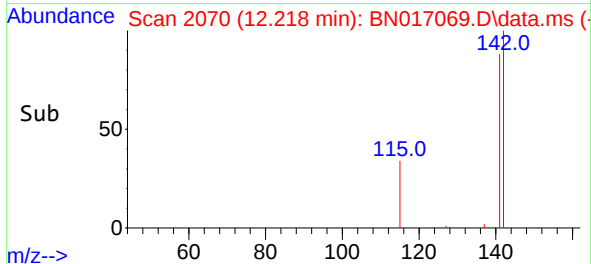
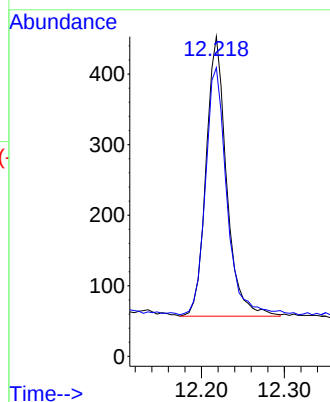
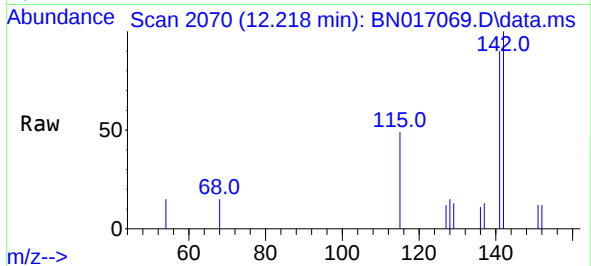
#8
1-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02

Tgt Ion:142 Resp: 679
Ion Ratio Lower Upper
142 100
141 91.6 73.7 110.5

Instrument :
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ClientSampleId :
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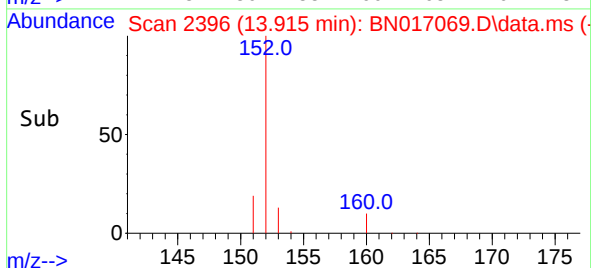
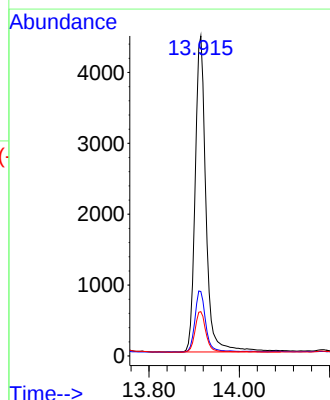
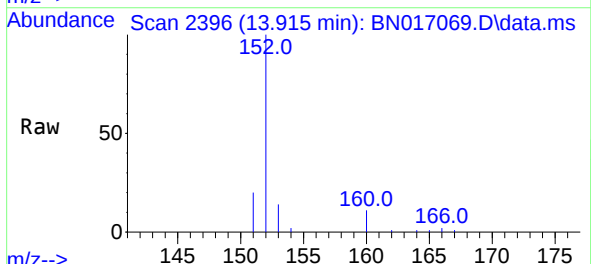
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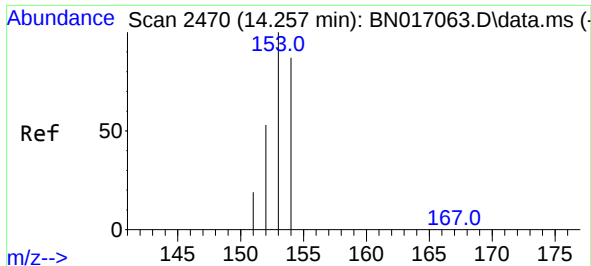
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#10
Acenaphthylene
Concen: 0.327 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. -0.000 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02

Tgt Ion:152 Resp: 7429
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.9 11.3 16.9





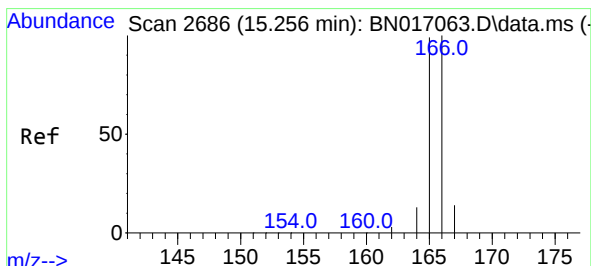
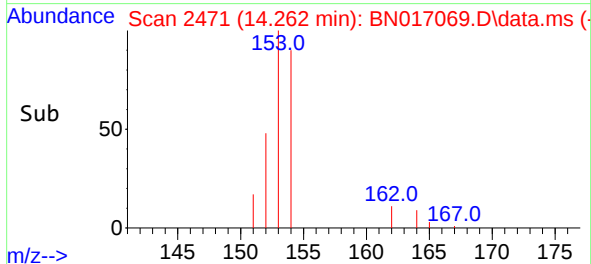
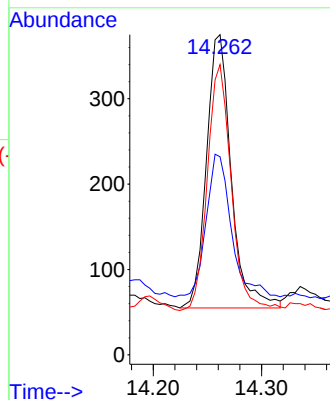
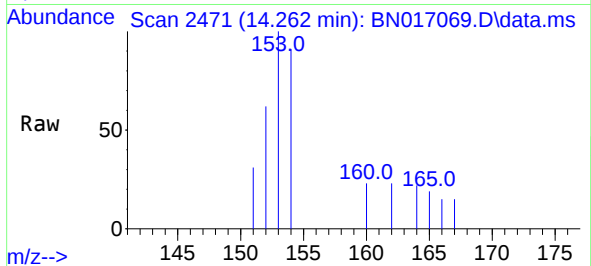
#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. 0.004 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02

Tgt Ion:153 Resp: 510
Ion Ratio Lower Upper
153 100
152 61.9 40.7 61.1#
154 90.7 70.7 106.1

Instrument :
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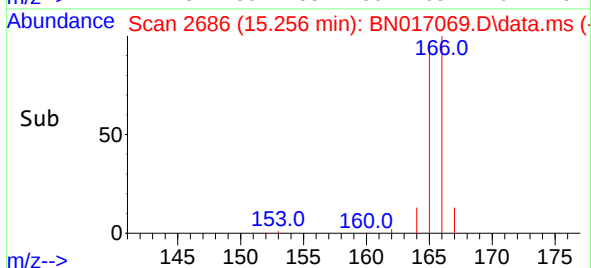
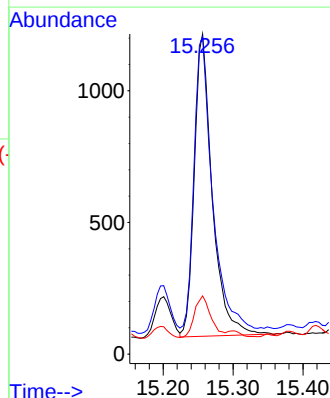
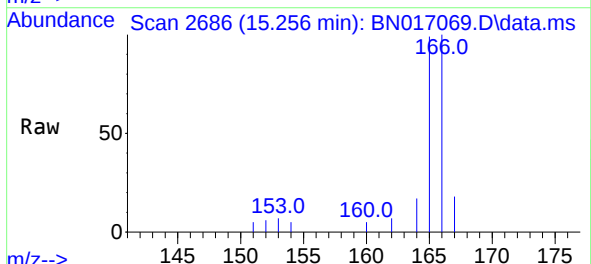
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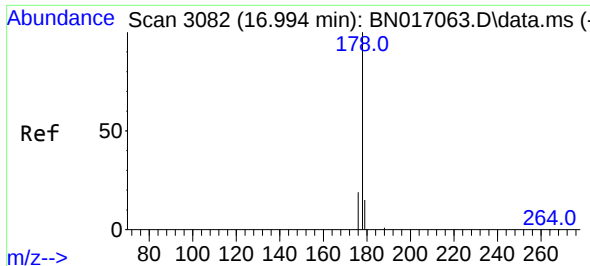
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#12
Fluorene
Concen: 0.091 ng/ul
RT: 15.256 min Scan# 2686
Delta R.T. -0.000 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02

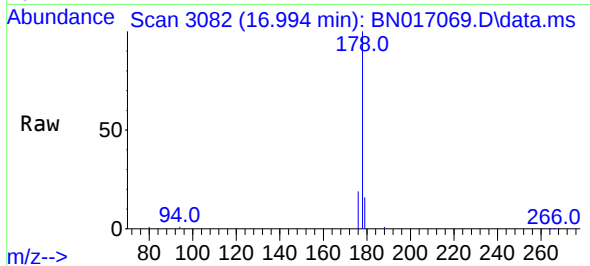
Tgt Ion:166 Resp: 2045
Ion Ratio Lower Upper
166 100
165 99.2 79.0 118.4
167 18.2 11.2 16.8#





#15
Phenanthrene
Concen: 0.425 ng/ul
RT: 16.994 min Scan# 3082
Delta R.T. -0.000 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02

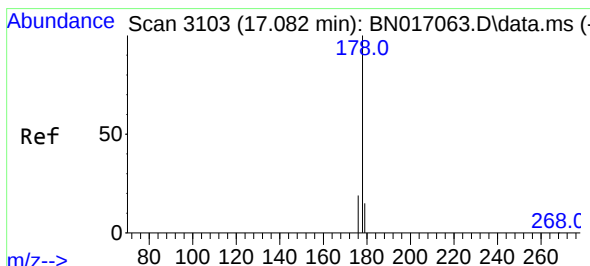
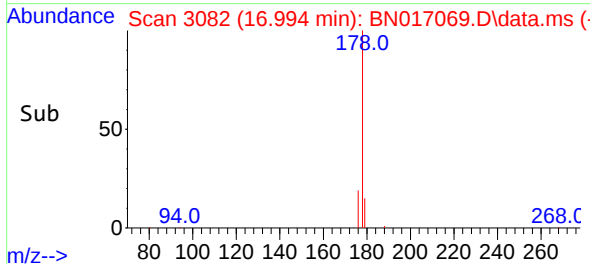
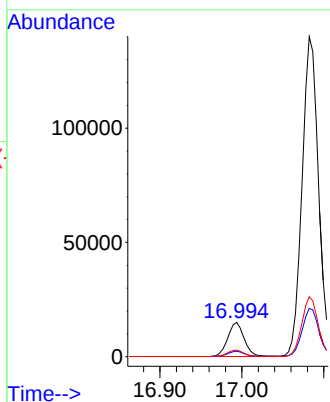
Instrument :
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Tgt Ion:178 Resp: 20858
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.3 15.9 23.9

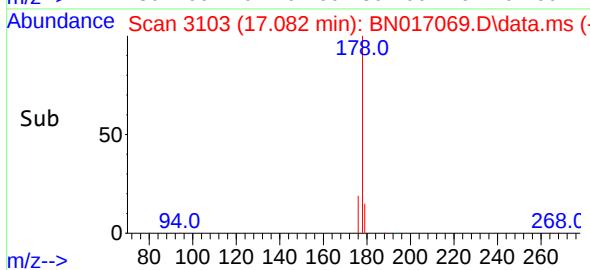
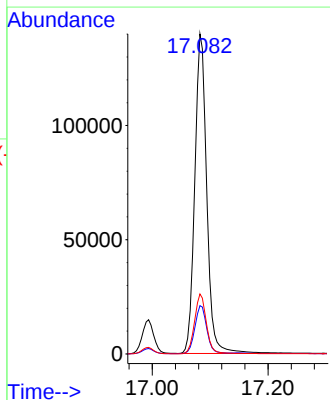
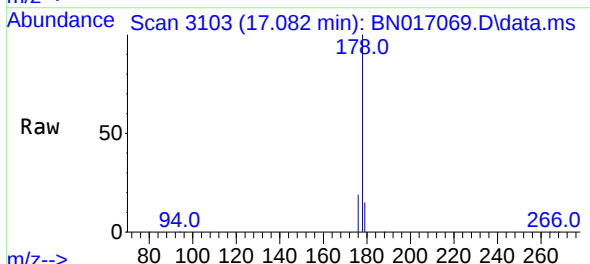
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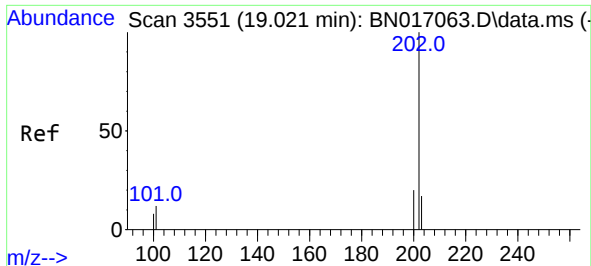
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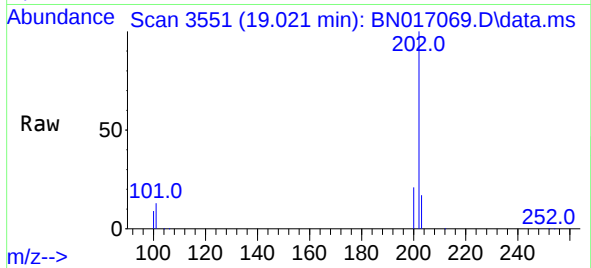
#16
Anthracene
Concen: 4.850 ng/ul
RT: 17.082 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02

Tgt Ion:178 Resp: 200640
Ion Ratio Lower Upper
178 100
179 15.1 12.9 19.3
176 18.8 15.0 22.6

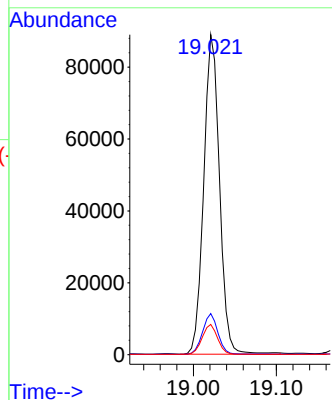




#19
Fluoranthene
Concen: 1.737 ng/ul
RT: 19.021 min Scan# 3551
Delta R.T. -0.000 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02



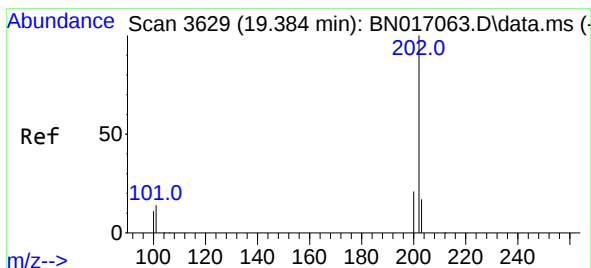
Tgt Ion:202 Resp: 117950
Ion Ratio Lower Upper
202 100
101 12.8 10.6 16.0
100 9.4 7.9 11.9



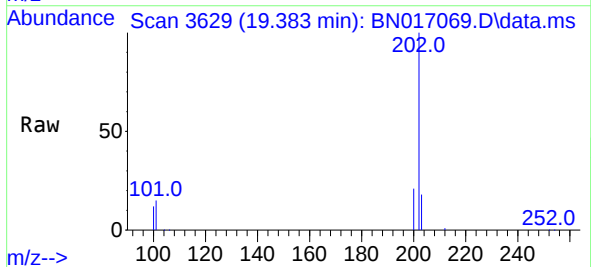
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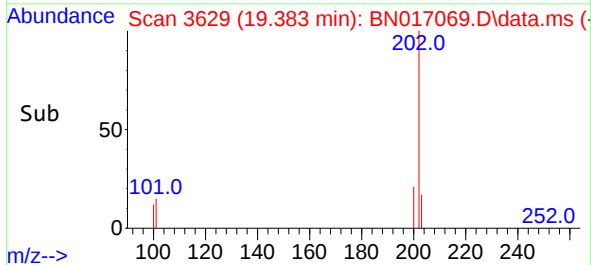
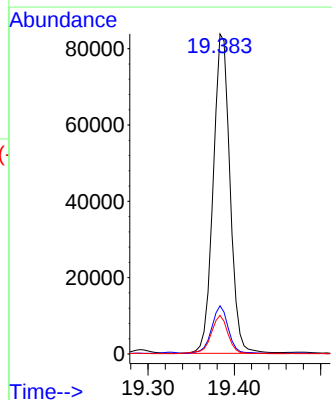
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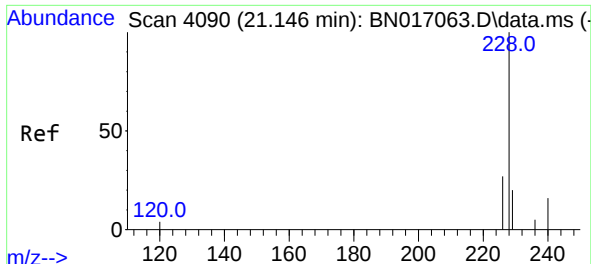


#20
Pyrene
Concen: 1.622 ng/ul
RT: 19.383 min Scan# 3629
Delta R.T. -0.000 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02



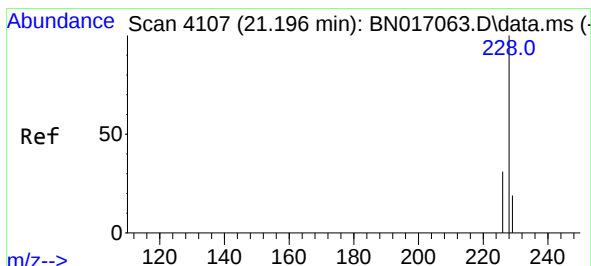
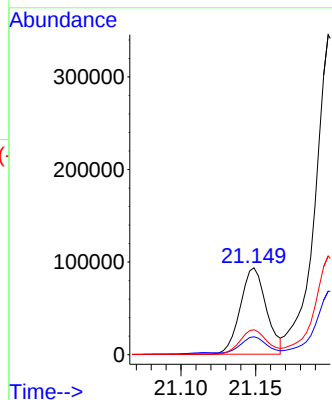
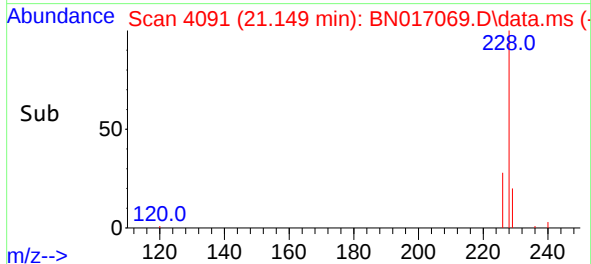
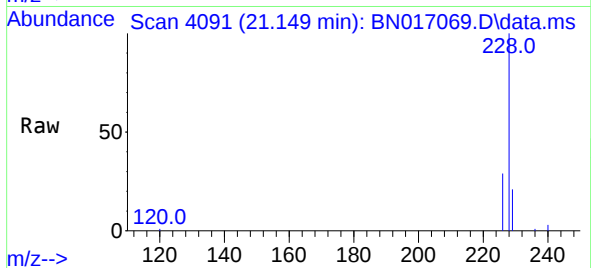
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Ion Ratio Lower Upper
202 100
101 15.1 11.6 17.4
100 12.1 9.3 13.9





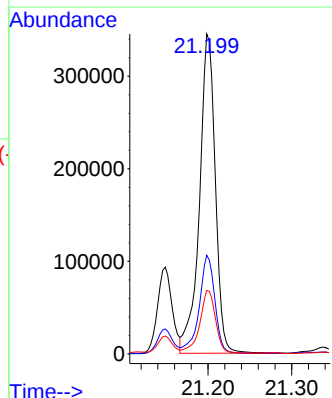
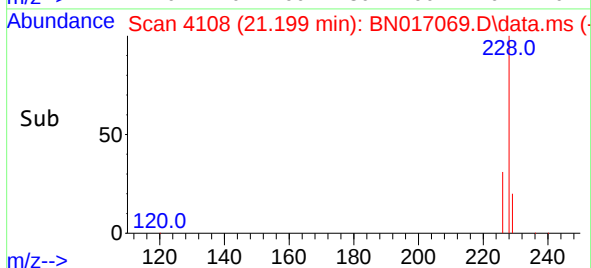
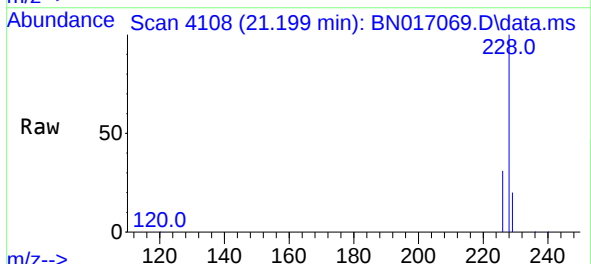
#21
Benzo(a)anthracene
Concen: 1.754 ng/ul
RT: 21.149 min Scan# 4091
Delta R.T. 0.003 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02

Tgt Ion:	228	Resp:	113368
Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.9	23.9
226	28.8	22.0	33.0



#22
Chrysene
Concen: 6.173 ng/ul
RT: 21.199 min Scan# 4108
Delta R.T. 0.003 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02

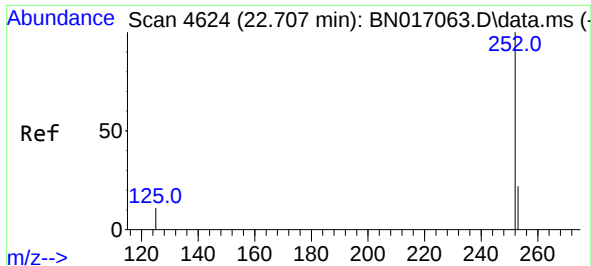
Tgt Ion:	228	Resp:	453818
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.5	36.7
229	19.9	15.8	23.8



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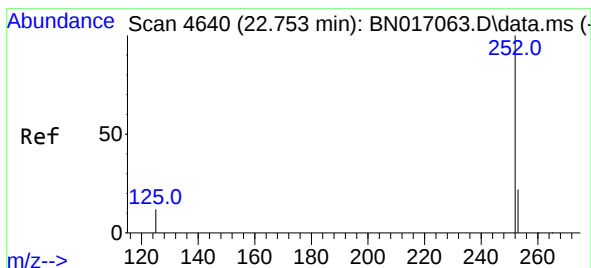
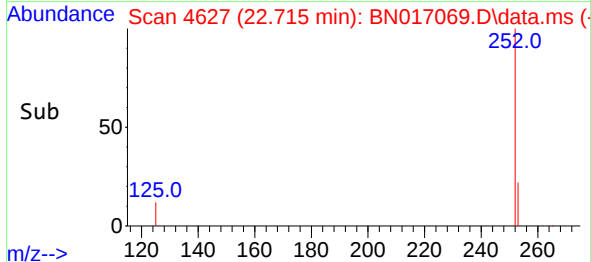
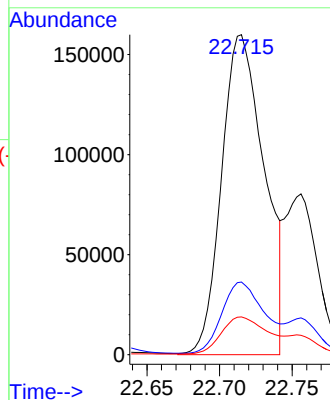
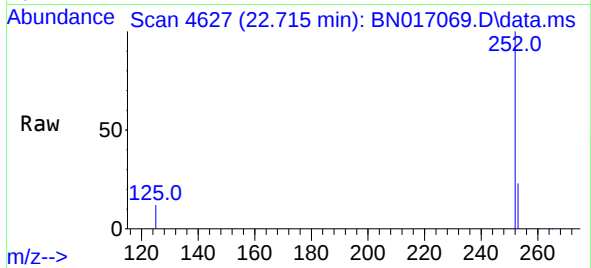
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Benzo(b)fluoranthene
Concen: 3.364 ng/ul m
RT: 22.715 min Scan# 4627
Delta R.T. 0.009 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02

Tgt Ion:252 Resp: 327179
Ion Ratio Lower Upper
252 100
253 22.7 0.0 47.4
125 11.8 0.0 24.6

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C0AY7DL

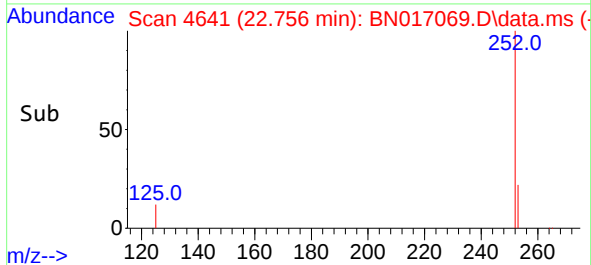
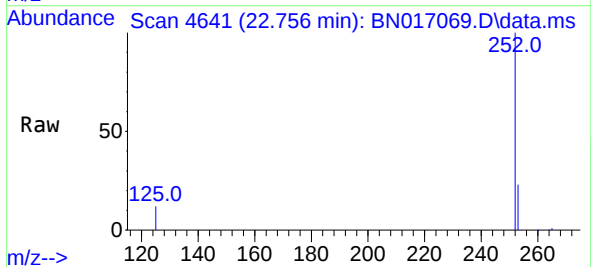
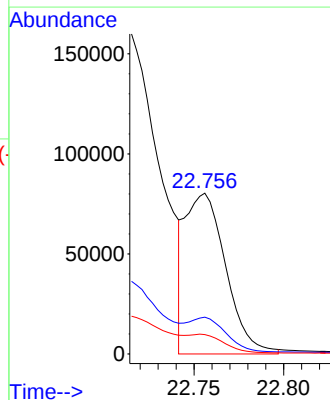
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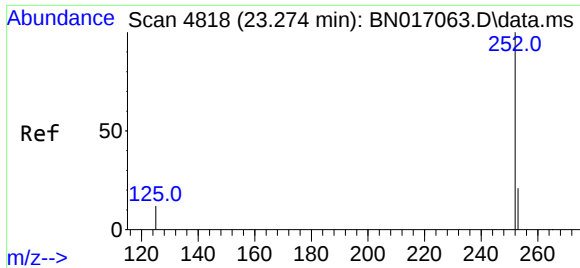
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#25
Benzo(k)fluoranthene
Concen: 1.172 ng/ul m
RT: 22.756 min Scan# 4641
Delta R.T. 0.003 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02

Tgt Ion:252 Resp: 125652
Ion Ratio Lower Upper
252 100
253 22.9 19.2 28.8
125 12.1 9.7 14.5





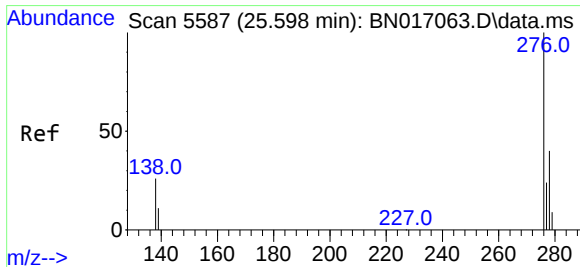
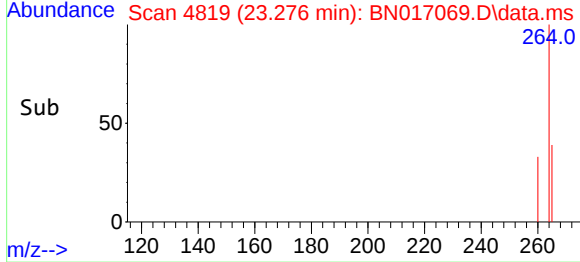
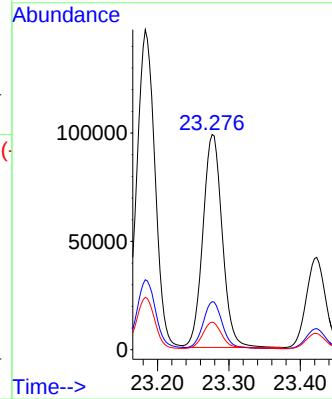
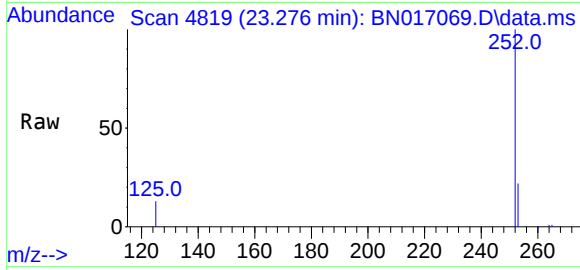
#26
Benzo(a)pyrene
Concen: 2.131 ng/ul
RT: 23.276 min Scan# 4819
Delta R.T. 0.003 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02

Tgt Ion:	252	Resp:	185365
Ion Ratio	Lower	Upper	
252	100		
253	22.3	19.8	29.6
125	12.8	10.9	16.3

Instrument :
BNA_N
ClientSampleId :
C0AY7DL

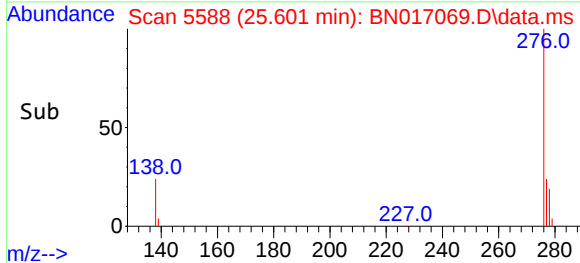
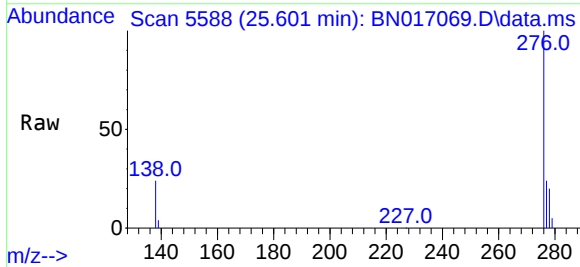
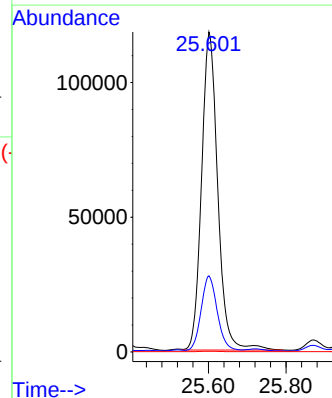
Manual Integrations
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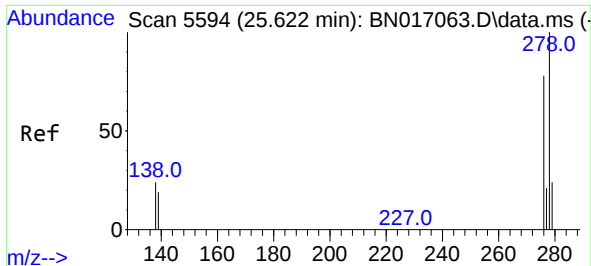
mohammad
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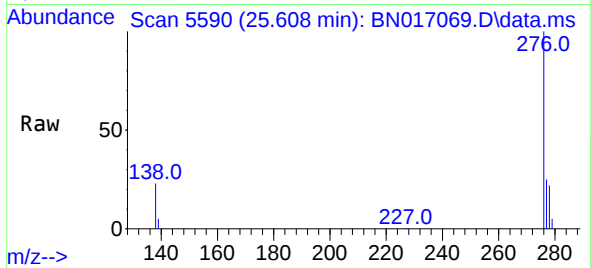
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.758 ng/ul
RT: 25.601 min Scan# 5588
Delta R.T. 0.003 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02

Tgt Ion:	276	Resp:	340674
Ion Ratio	Lower	Upper	
276	100		
138	23.3	21.8	32.8
227	0.1	0.2	0.2

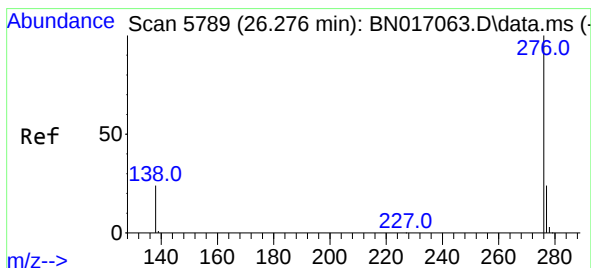
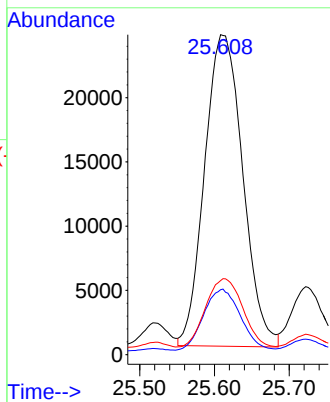
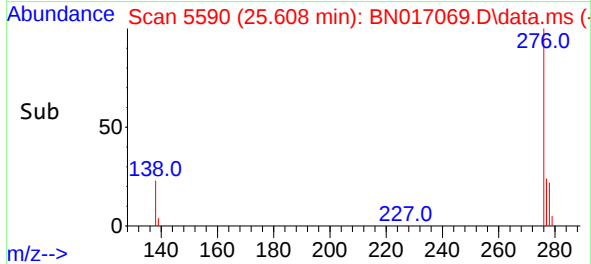




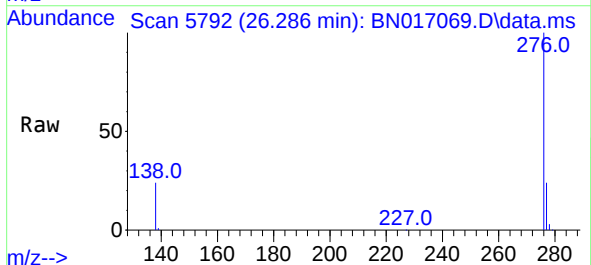
#28
Dibenzo(a,h)anthracene
Concen: 0.878 ng/ul
RT: 25.608 min Scan# 5590
Delta R.T. -0.014 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02



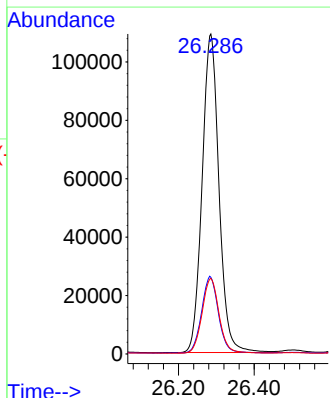
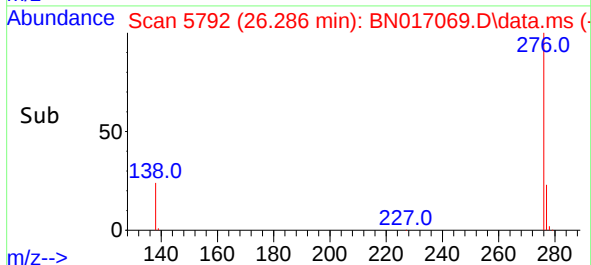
Tgt Ion: 278 Resp: 86156
Ion Ratio Lower Upper
278 100
139 20.3 15.2 22.8
279 23.2 19.9 29.9



#29
Benzo(g,h,i)perylene
Concen: 3.160 ng/ul
RT: 26.286 min Scan# 5792
Delta R.T. 0.010 min
Lab File: BN017069.D
Acq: 22 Oct 2021 12:02



Tgt Ion: 276 Resp: 338191
Ion Ratio Lower Upper
276 100
138 23.9 19.8 29.6
277 23.6 19.4 29.0



Instrument :
BNA_N
ClientSampleID :
C0AY7DL

Manual Integrations
APPROVED

mohammad
10/22/2021 2:56:16 PM