

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102221\
 Data File : BN017068.D
 Acq On : 22 Oct 2021 11:26
 Operator : CG/JU
 Sample : M4207-06DL 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC3DL

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Quant Time: Oct 22 12:08:24 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	57	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.317	136	245	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.199	164	306	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.953	188	1453	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.165	240	2944	0.400	ng/ul	# 0.00
23) Perylene-d12	23.372	264	4771	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	546	8.814	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.917	152	1543	4.419	ng/ul	0.00
18) Fluoranthene-d10	18.990	212	5707	0.785	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.366	128	7149	9.634	ng/ul	99
7) 2-Methylnaphthalene	11.994	142	6226	13.485	ng/ul	100
8) 1-Methylnaphthalene	12.214	142	5213	11.087	ng/ul	99
10) Acenaphthylene	13.912	152	1805	1.459	ng/ul#	87
11) Acenaphthene	14.259	153	213m	0.201	ng/ul	
12) Fluorene	15.253	166	373	0.304	ng/ul#	67
15) Phenanthrene	16.991	178	9892	2.144	ng/ul	99
16) Anthracene	17.084	178	1695	0.435	ng/ul#	90
19) Fluoranthene	19.023	202	11691	1.159	ng/ul	98
20) Pyrene	19.385	202	13681	1.319	ng/ul#	94
21) Benzo(a)anthracene	21.148	228	9375	0.976	ng/ul	92
22) Chrysene	21.200	228	12773	1.170	ng/ul	96
24) Benzo(b)fluoranthene	22.711	252	20195m	1.125	ng/ul	
25) Benzo(k)fluoranthene	22.752	252	6860m	0.347	ng/ul	
26) Benzo(a)pyrene	23.275	252	12539	0.781	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.596	276	12686	0.556	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.607	278	3246	0.179	ng/ul#	43
29) Benzo(g,h,i)perylene	26.277	276	11852	0.600	ng/ul	95

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

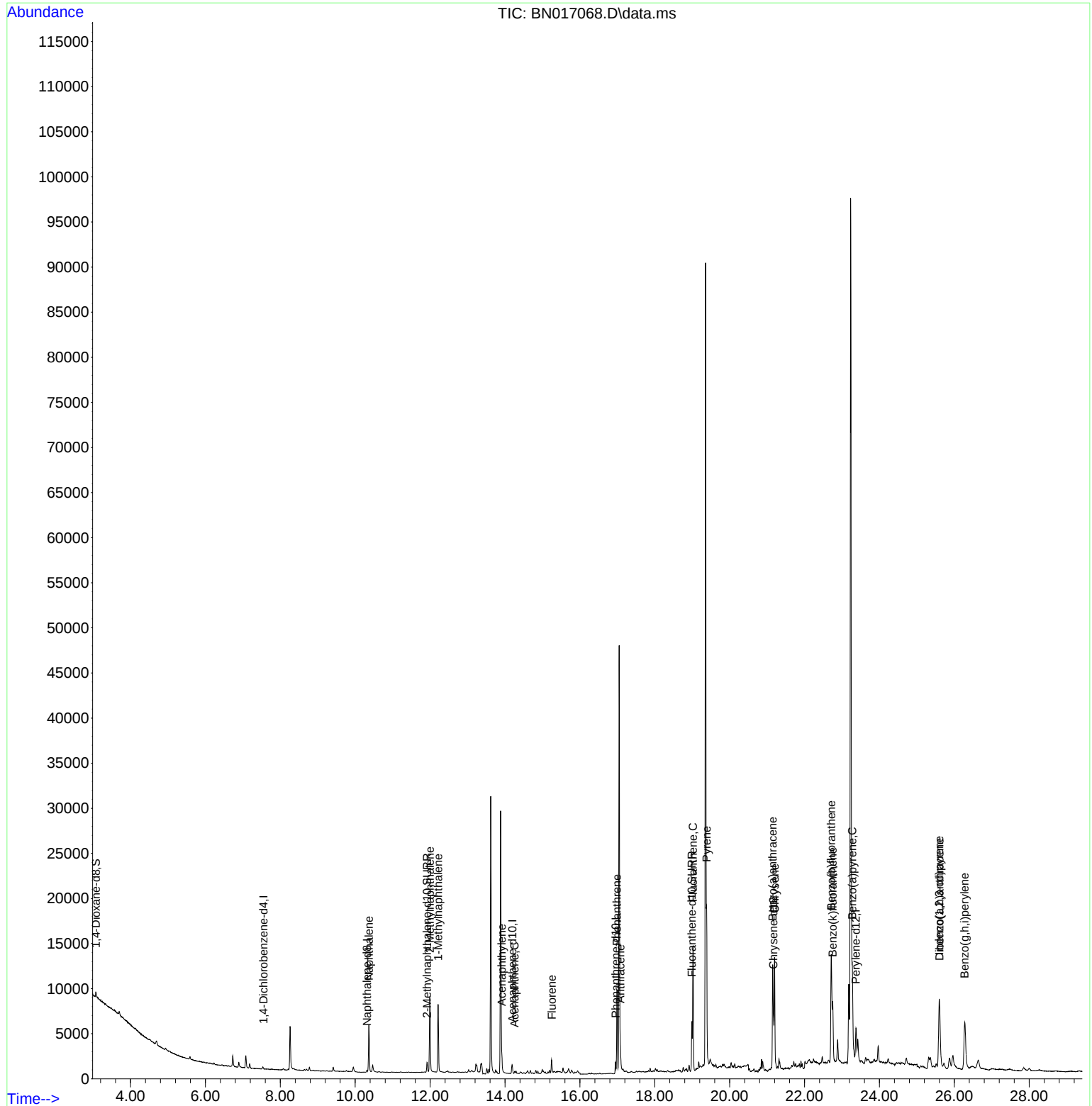
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102221\
Data File : BN017068.D
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ALS Vial : 33 Sample Multiplier: 1

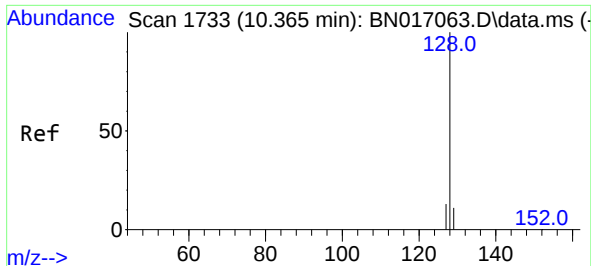
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Quant Time: Oct 22 12:08:24 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 22 10:13:40 2021
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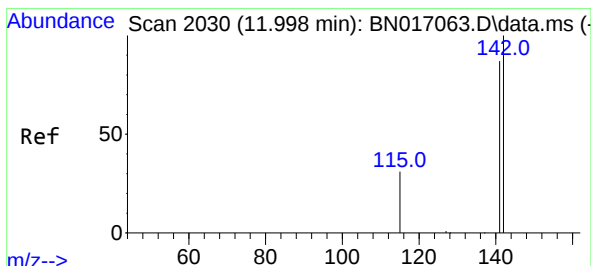
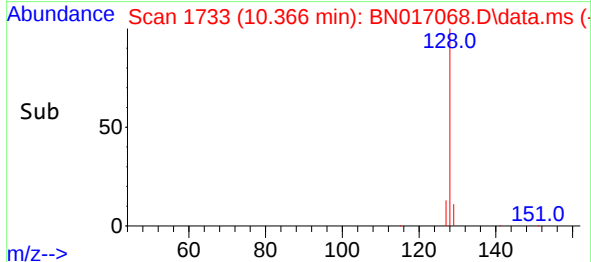
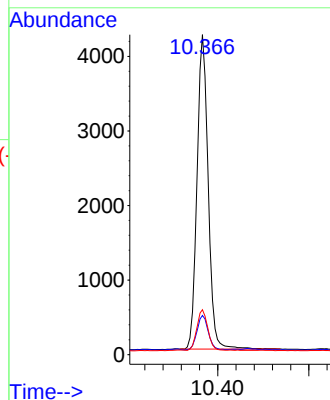
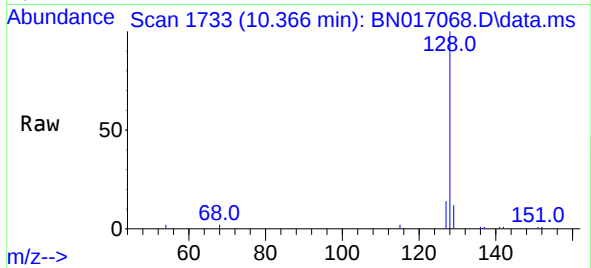
#5
Naphthalene
Concen: 9.634 ng/ul
RT: 10.366 min Scan# 1733
Delta R.T. 0.002 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

Tgt Ion:	128	Resp:	7149
Ion Ratio	Lower	Upper	
128	100		
129	12.3	9.6	14.4
127	14.1	11.0	16.4

Instrument :
BNA_N
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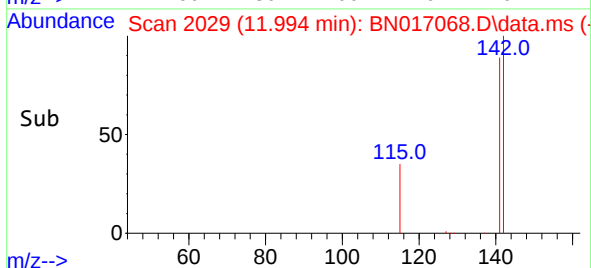
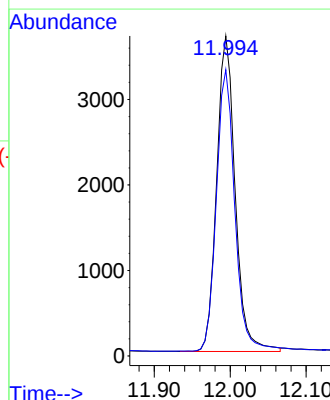
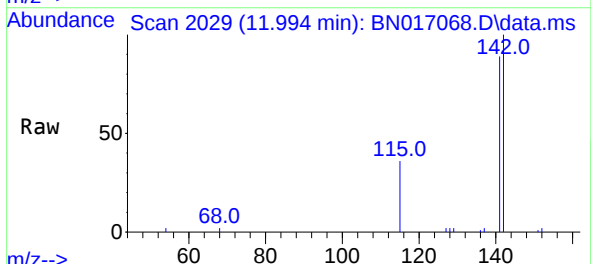
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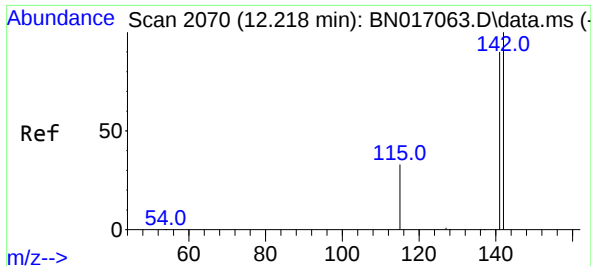
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#7
2-Methylnaphthalene
Concen: 13.485 ng/ul
RT: 11.994 min Scan# 2029
Delta R.T. -0.004 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

Tgt Ion:	142	Resp:	6226
Ion Ratio	Lower	Upper	
142	100		
141	89.4	71.4	107.0





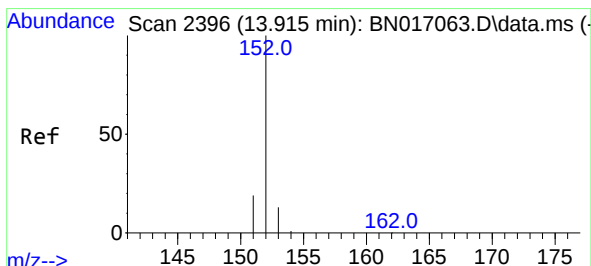
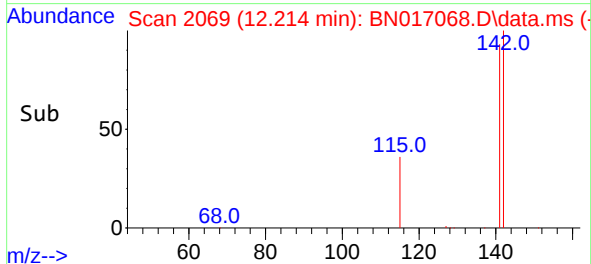
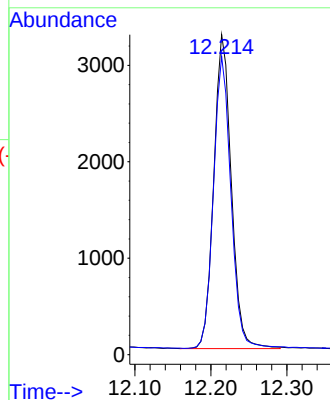
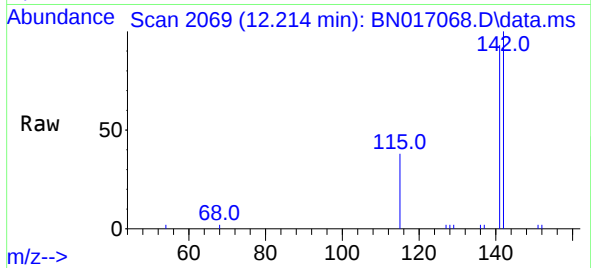
#8
1-Methylnaphthalene
Concen: 11.087 ng/ul
RT: 12.214 min Scan# 2069
Delta R.T. -0.004 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

Tgt Ion:142 Resp: 5213
Ion Ratio Lower Upper
142 100
141 92.6 73.7 110.5

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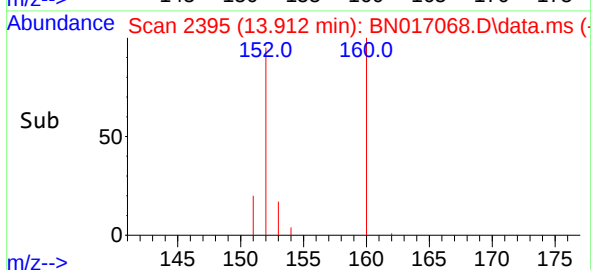
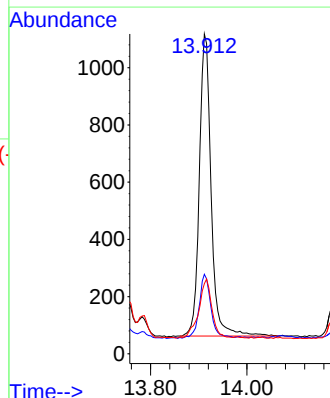
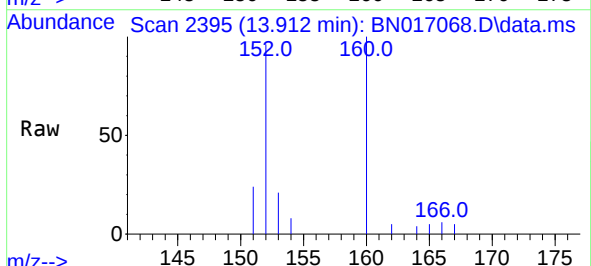
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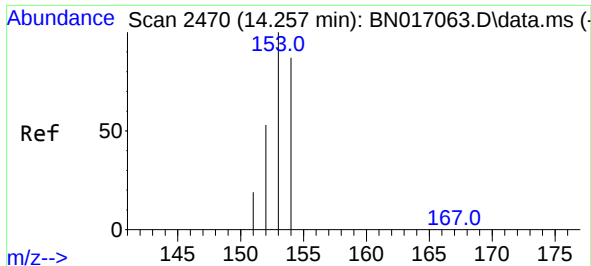
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#10
Acenaphthylene
Concen: 1.459 ng/ul
RT: 13.912 min Scan# 2395
Delta R.T. -0.003 min
Lab File: BN017068.D
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Tgt Ion:152 Resp: 1805
Ion Ratio Lower Upper
152 100
151 24.9 16.4 24.6#
153 21.9 11.3 16.9#





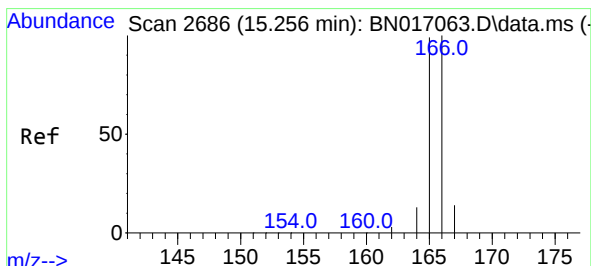
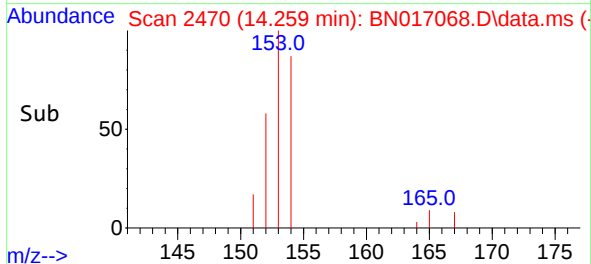
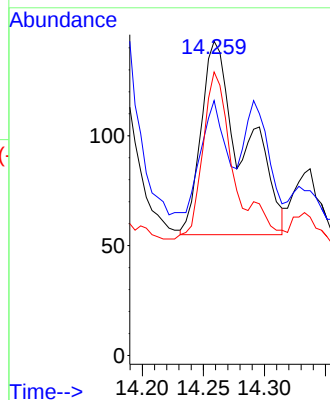
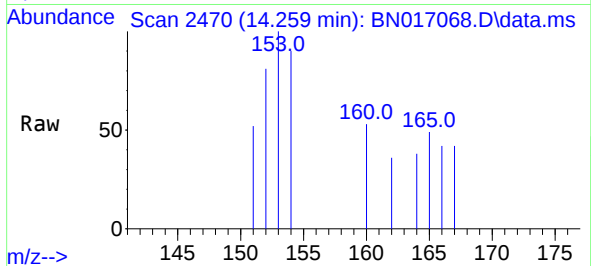
#11
Acenaphthene
Concen: 0.201 ng/ul m
RT: 14.259 min Scan# 2470
Delta R.T. 0.002 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

Tgt Ion:153 Resp: 213
Ion Ratio Lower Upper
153 100
152 81.1 40.7 61.1#
154 90.2 70.7 106.1

Instrument :
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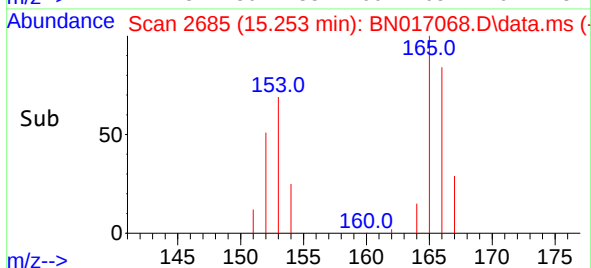
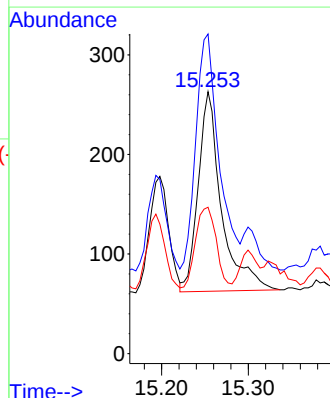
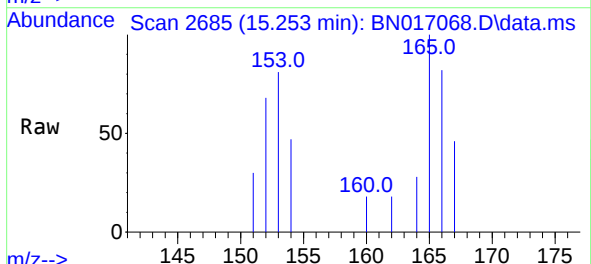
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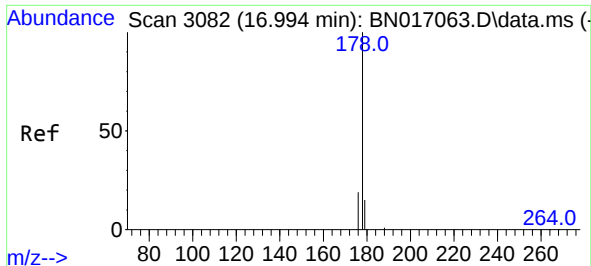
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#12
Fluorene
Concen: 0.304 ng/ul
RT: 15.253 min Scan# 2685
Delta R.T. -0.003 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

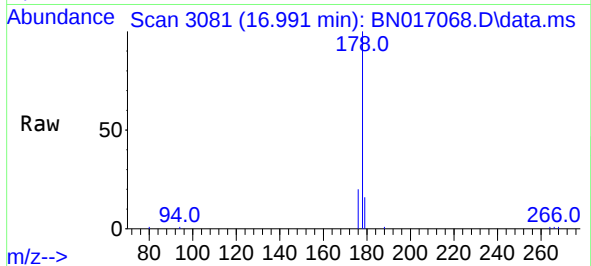
Tgt Ion:166 Resp: 373
Ion Ratio Lower Upper
166 100
165 122.1 79.0 118.4#
167 55.9 11.2 16.8#





#15
Phenanthrene
Concen: 2.144 ng/u1
RT: 16.991 min Scan# 3081
Delta R.T. -0.003 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

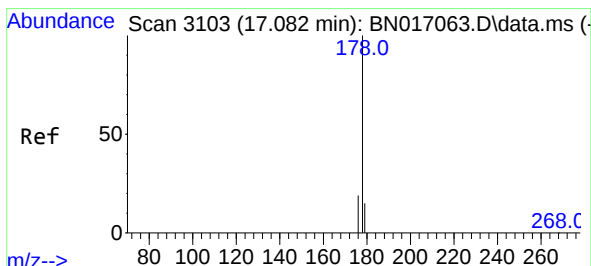
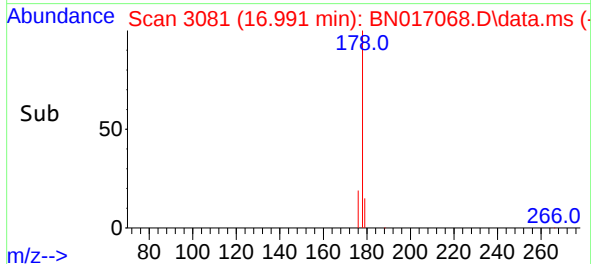
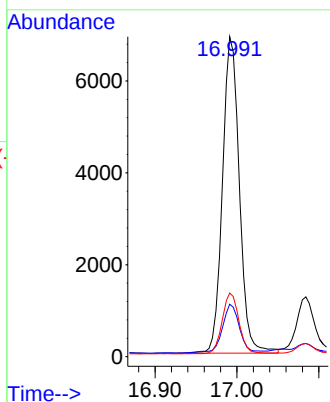
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BNA_N
ClientSampleId :
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Tgt Ion:178 Resp: 9892
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 19.9 15.9 23.9

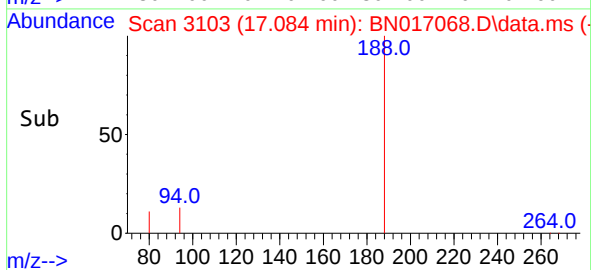
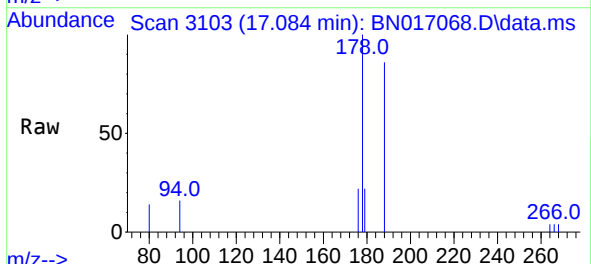
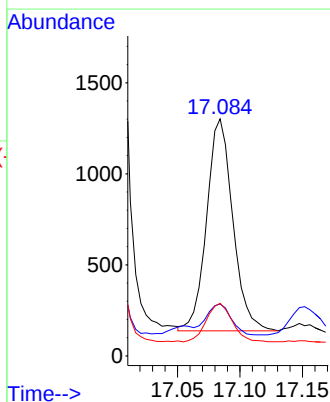
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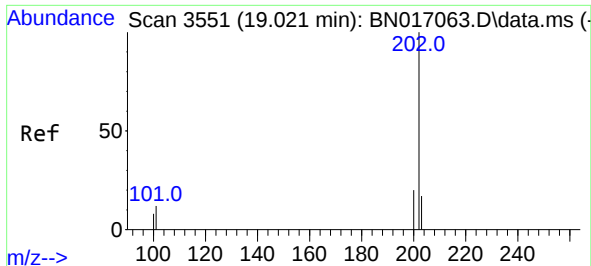
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#16
Anthracene
Concen: 0.435 ng/u1
RT: 17.084 min Scan# 3103
Delta R.T. 0.002 min
Lab File: BN017068.D
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Tgt Ion:178 Resp: 1695
Ion Ratio Lower Upper
178 100
179 21.9 12.9 19.3#
176 22.2 15.0 22.6





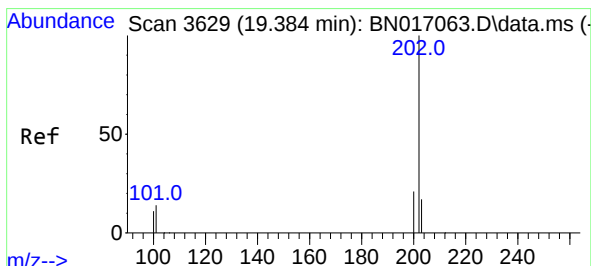
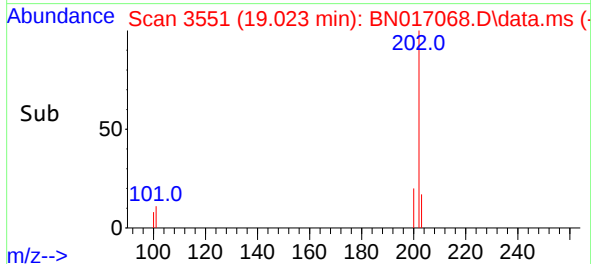
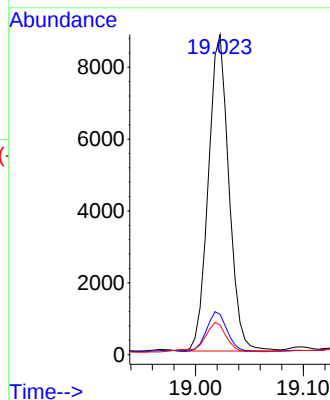
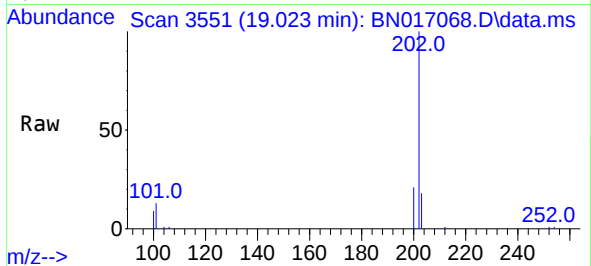
#19
Fluoranthene
Concen: 1.159 ng/ul
RT: 19.023 min Scan# 3551
Delta R.T. 0.002 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

Tgt Ion:	202	Resp:	11691
Ion Ratio	Lower	Upper	
202	100		
101	12.6	10.6	16.0
100	9.3	7.9	11.9

Instrument :
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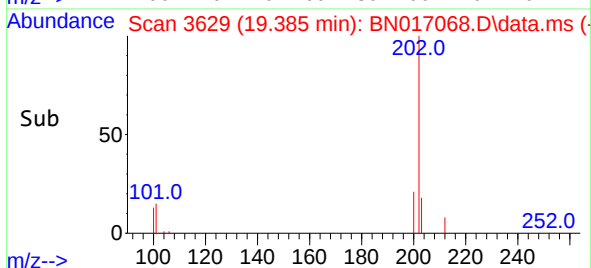
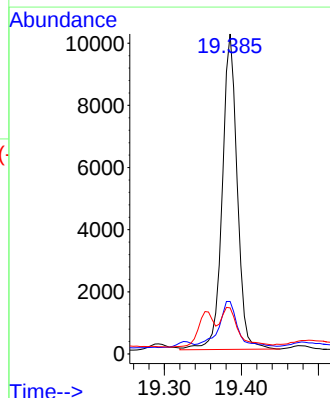
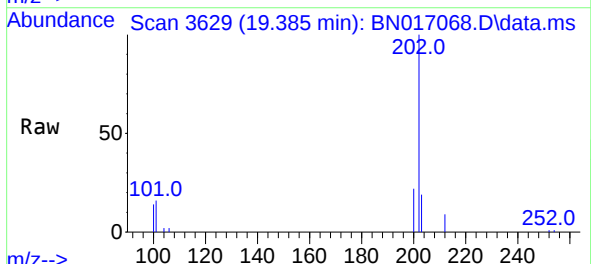
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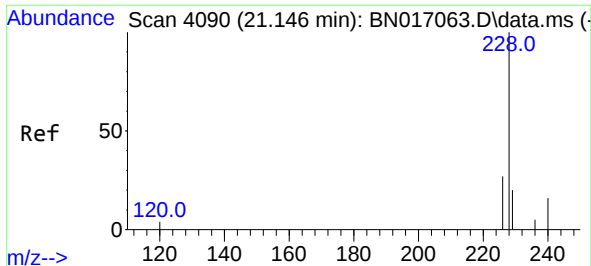
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#20
Pyrene
Concen: 1.319 ng/ul
RT: 19.385 min Scan# 3629
Delta R.T. 0.002 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

Tgt Ion:	202	Resp:	13681
Ion Ratio	Lower	Upper	
202	100		
101	16.4	11.6	17.4
100	14.4	9.3	13.9





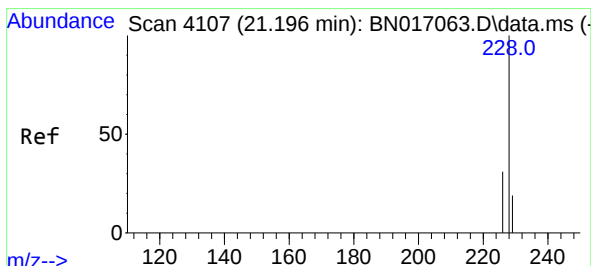
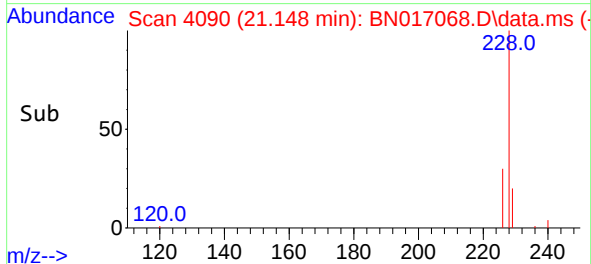
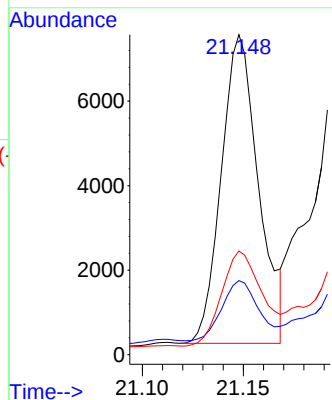
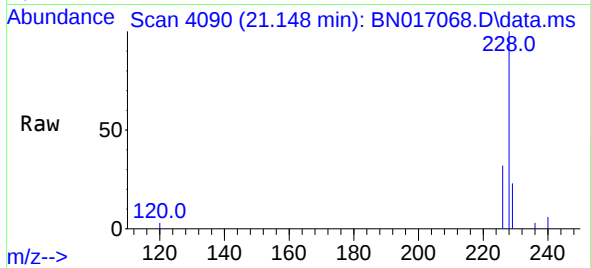
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Benzo(a)anthracene
Concen: 0.976 ng/ul
RT: 21.148 min Scan# 4090
Delta R.T. 0.002 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

Tgt Ion:	228	Resp:	9375
Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.9	23.9
226	32.4	22.0	33.0

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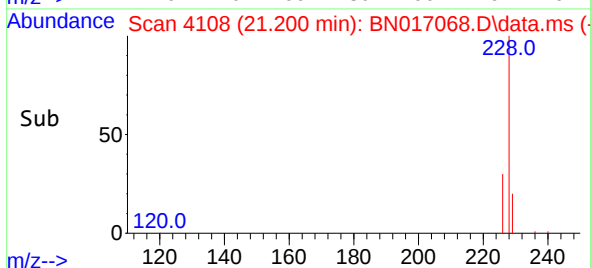
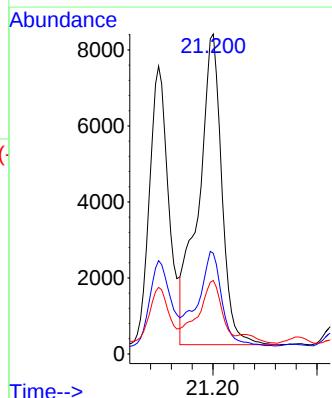
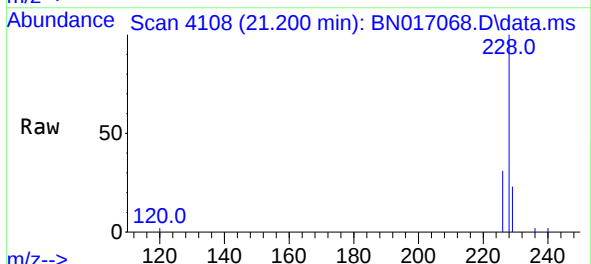
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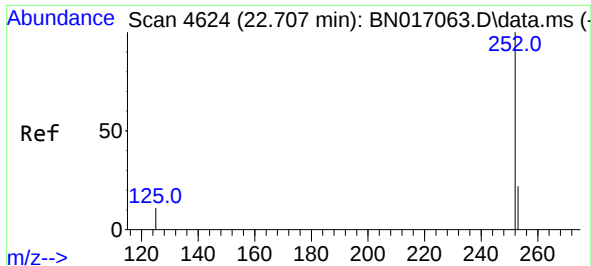
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#22
Chrysene
Concen: 1.170 ng/ul
RT: 21.200 min Scan# 4108
Delta R.T. 0.005 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

Tgt Ion:	228	Resp:	12773
Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.5	36.7
229	22.9	15.8	23.8





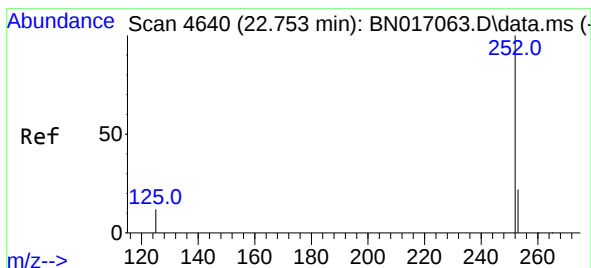
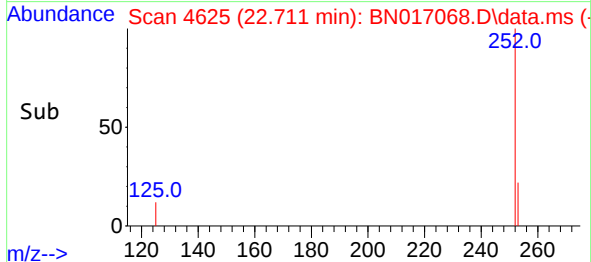
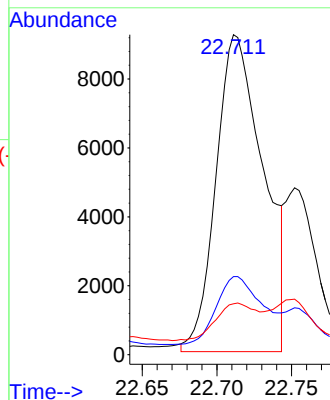
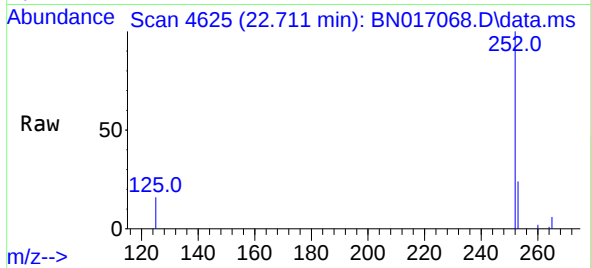
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Benzo(b)fluoranthene
Concen: 1.125 ng/ul m
RT: 22.711 min Scan# 4625
Delta R.T. 0.005 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

Tgt Ion:	252	Resp:	20195
Ion Ratio	Lower	Upper	
252	100		
253	24.4	0.0	47.4
125	15.9	0.0	24.6

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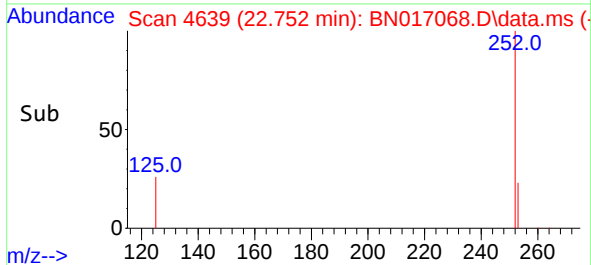
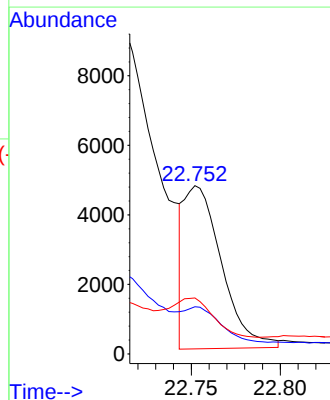
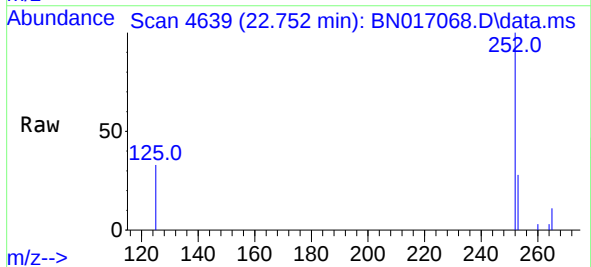
Manual Integrations
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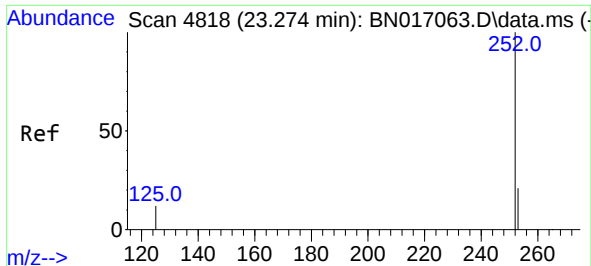
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#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul m
RT: 22.752 min Scan# 4639
Delta R.T. -0.001 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

Tgt Ion:	252	Resp:	6860
Ion Ratio	Lower	Upper	
252	100		
253	28.1	19.2	28.8
125	33.3	9.7	14.5#





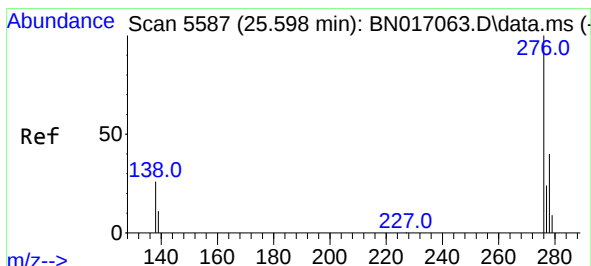
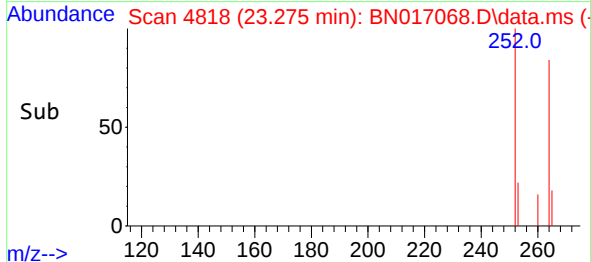
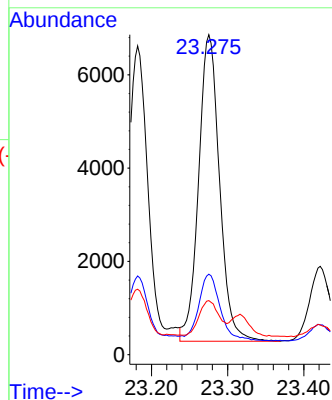
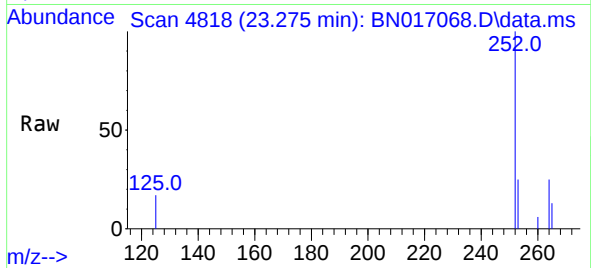
#26
Benzo(a)pyrene
Concen: 0.781 ng/ul
RT: 23.275 min Scan# 4818
Delta R.T. 0.002 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

Tgt Ion:	252	Resp:	12539
Ion Ratio	Lower	Upper	
252	100		
253	25.1	19.8	29.6
125	16.9	10.9	16.3#

Instrument :
BNA_N
ClientSampled :
C0AC3DL

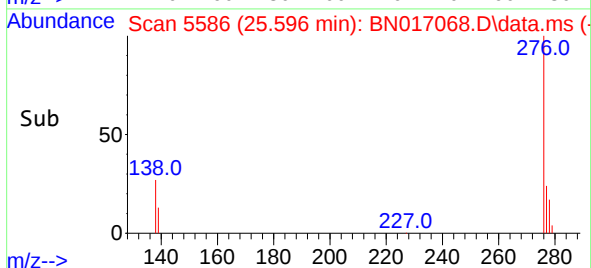
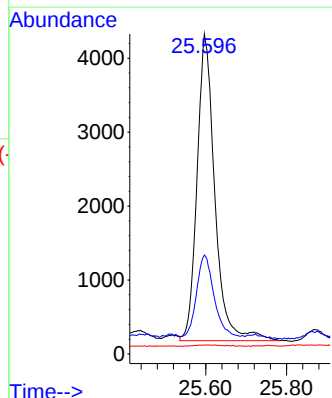
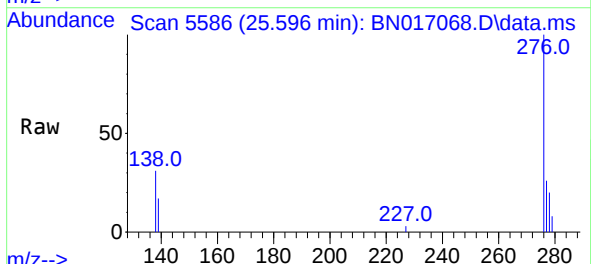
Manual Integrations
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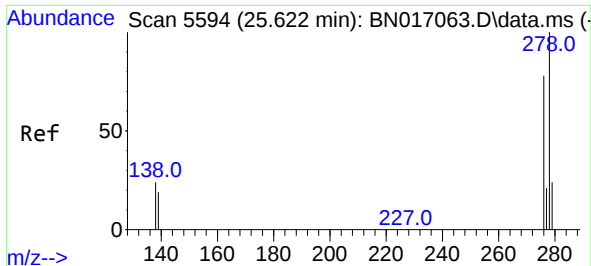
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.556 ng/ul
RT: 25.596 min Scan# 5586
Delta R.T. -0.002 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

Tgt Ion:	276	Resp:	12686
Ion Ratio	Lower	Upper	
276	100		
138	25.9	21.8	32.8
227	0.3	0.2	0.2#





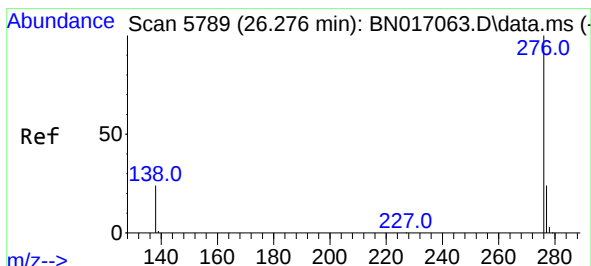
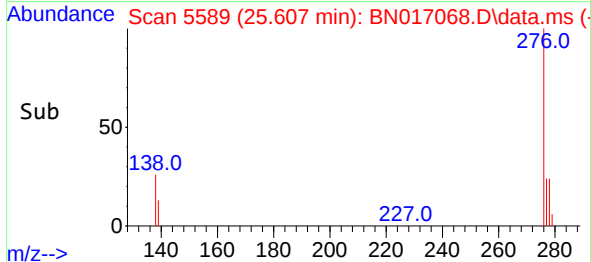
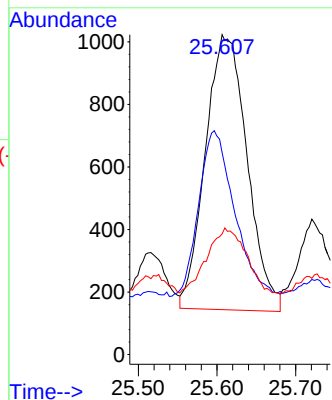
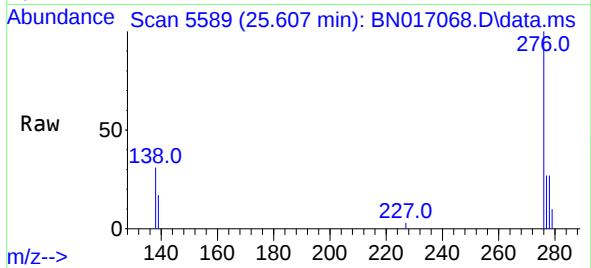
#28
Dibenzo(a,h)anthracene
Concen: 0.179 ng/ul
RT: 25.607 min Scan# 5589
Delta R.T. -0.015 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

Tgt Ion: 278 Resp: 3246
Ion Ratio Lower Upper
278 100
139 63.1 15.2 22.8#
279 37.7 19.9 29.9#

Instrument :
BNA_N
ClientSampleId :
C0AC3DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.600 ng/ul
RT: 26.277 min Scan# 5789
Delta R.T. 0.002 min
Lab File: BN017068.D
Acq: 22 Oct 2021 11:26

Tgt Ion: 276 Resp: 11852
Ion Ratio Lower Upper
276 100
138 28.0 19.8 29.6
277 25.6 19.4 29.0

