

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016147.D
 Acq On : 02 Sep 2021 21:09
 Operator : CG/JU
 Sample : M3472-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX0

Manual Integrations
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Quant Time: Sep 03 02:19:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	2588	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	10671	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.506	164	6362	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.255	188	13216	0.400	ng/ul	0.00
17) Chrysene-d12	21.442	240	13720	0.400	ng/ul	0.00
23) Perylene-d12	23.839	264	13444	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	5337	1.772	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	1913	0.127	ng/ul	0.00
18) Fluoranthene-d10	19.285	212	5020	0.136	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	578	0.020	ng/ul#	63
7) 2-Methylnaphthalene	12.333	142	449	0.024	ng/ul	96
8) 1-Methylnaphthalene	12.553	142	424	0.023	ng/ul	100
10) Acenaphthylene	14.228	152	989	0.041	ng/ul#	73
11) Acenaphthene	14.571	153	453	0.022	ng/ul#	93
12) Fluorene	15.556	166	580	0.025	ng/ul#	90
15) Phenanthrene	17.297	178	10181	0.267	ng/ul	99
16) Anthracene	17.390	178	2117	0.064	ng/ul#	91
19) Fluoranthene	19.318	202	16458	0.360	ng/ul	98
20) Pyrene	19.680	202	13781	0.298	ng/ul	95
21) Benzo(a)anthracene	21.427	228	9516	0.227	ng/ul#	89
22) Chrysene	21.480	228	9611	0.203	ng/ul#	89
24) Benzo(b)fluoranthene	23.111	252	11159m	0.221	ng/ul	
25) Benzo(k)fluoranthene	23.152	252	4048m	0.080	ng/ul	
26) Benzo(a)pyrene	23.734	252	6460	0.151	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.320	276	4894	0.088	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.340	278	1791	0.039	ng/ul#	1
29) Benzo(g,h,i)perylene	27.085	276	4626	0.096	ng/ul#	62

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

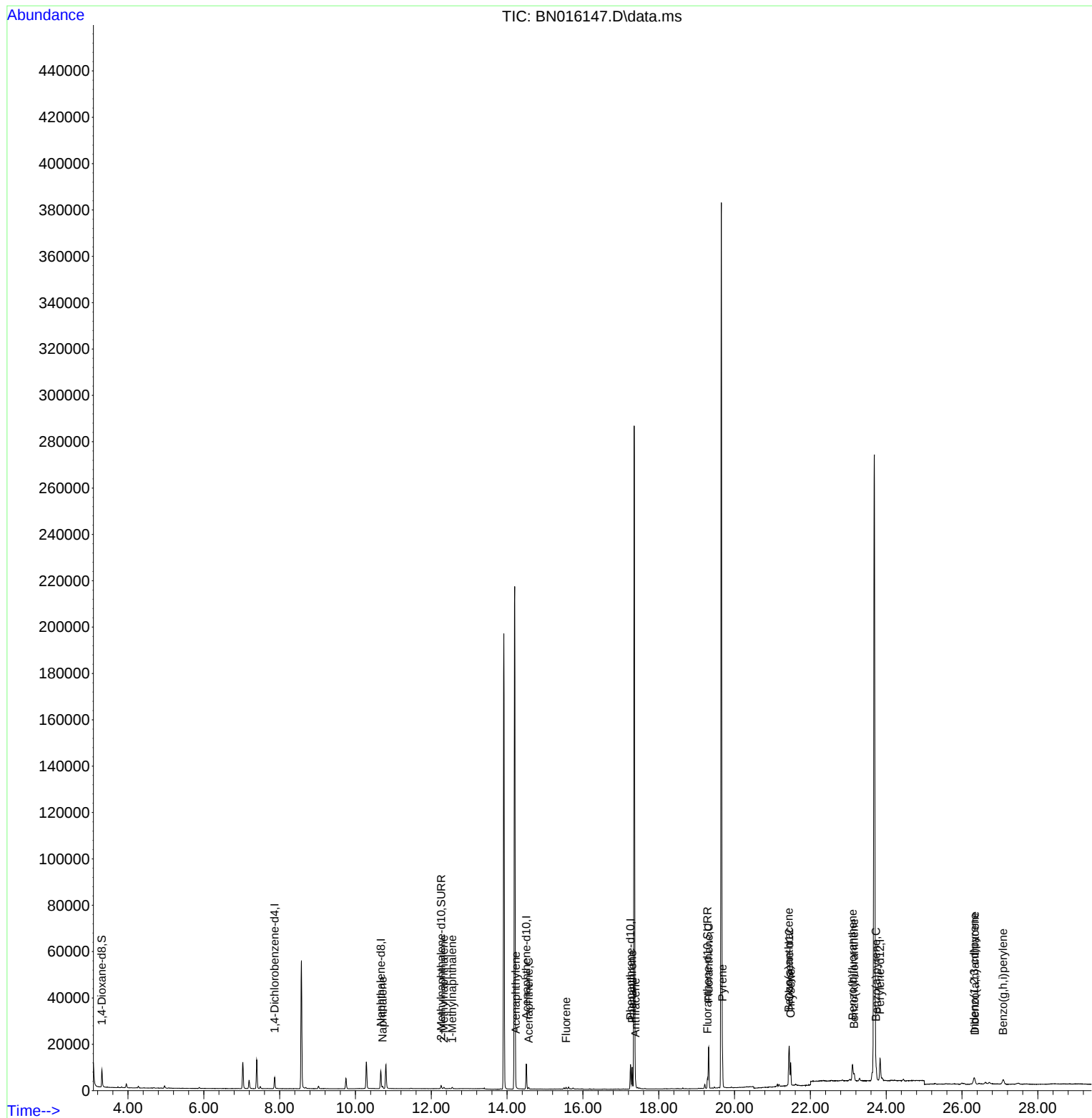
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016147.D
Acq On : 02 Sep 2021 21:09
Operator : CG/JU
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ALS Vial : 15 Sample Multiplier: 1

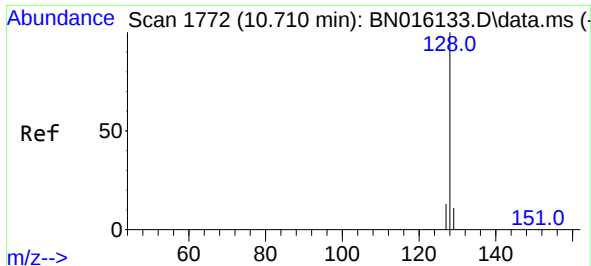
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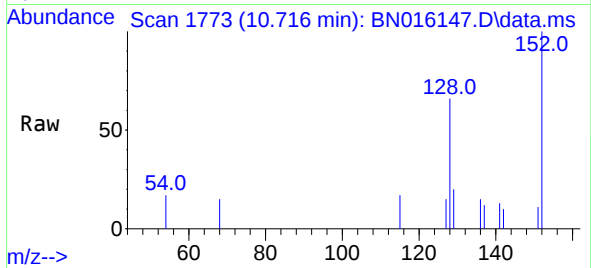
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Quant Time: Sep 03 02:19:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

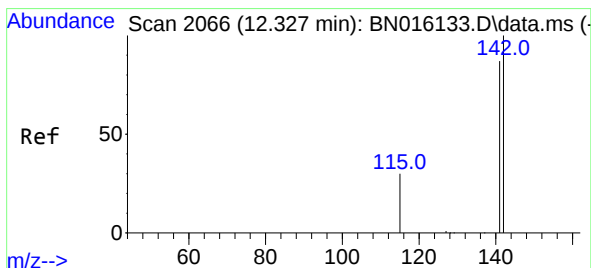
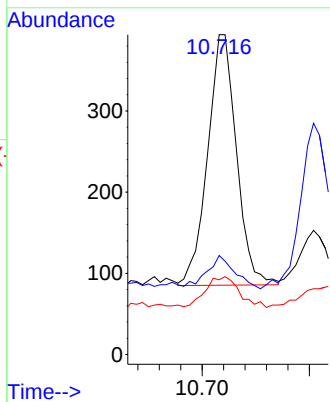
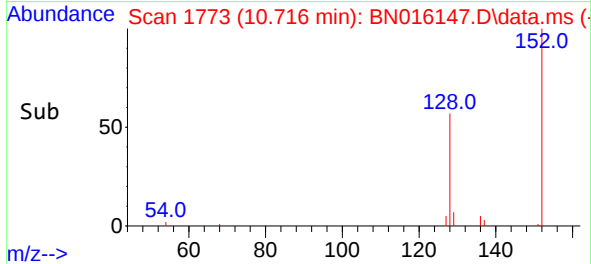




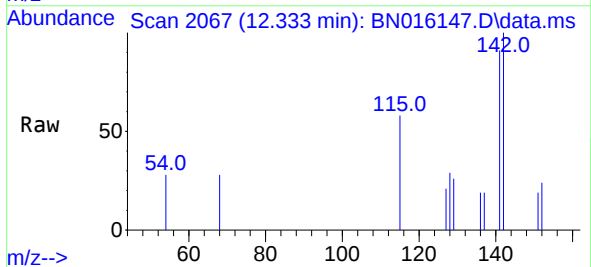
#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.005 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09



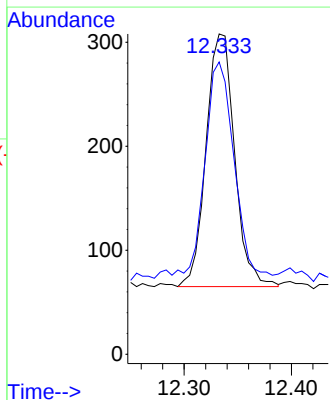
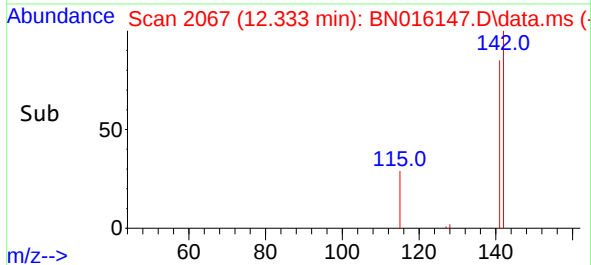
Tgt Ion:128 Resp: 578
Ion Ratio Lower Upper
128 100
129 31.0 9.4 14.2#
127 23.4 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.005 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09



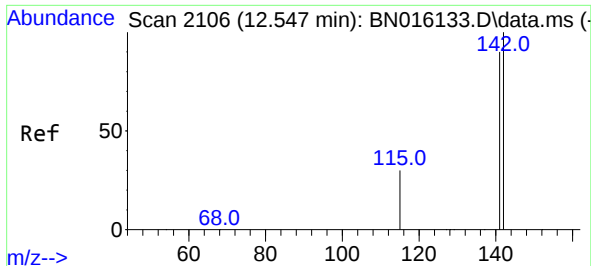
Tgt Ion:142 Resp: 449
Ion Ratio Lower Upper
142 100
141 83.3 69.5 104.3



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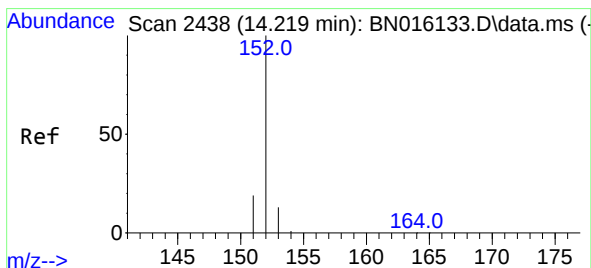
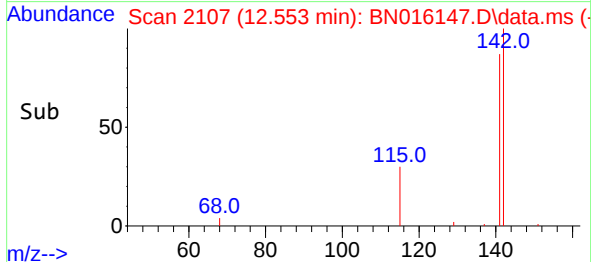
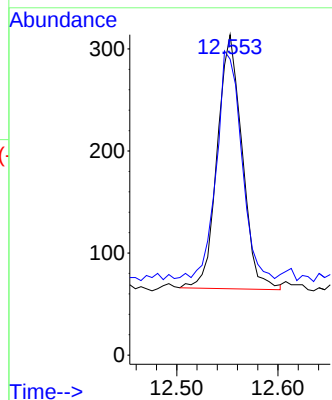
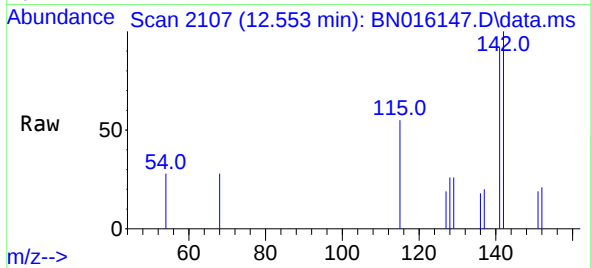
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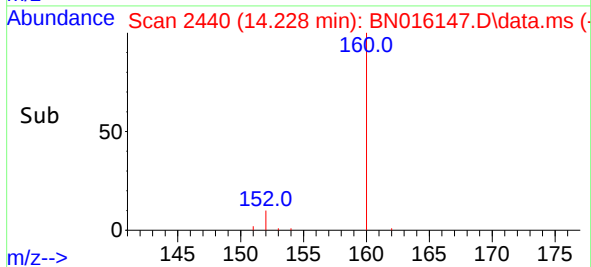
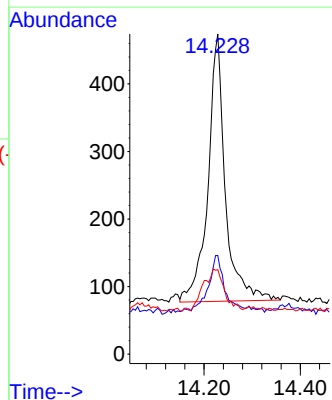
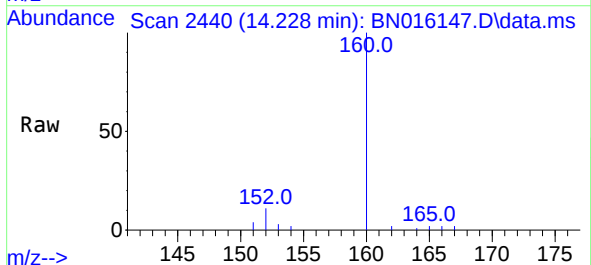
#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09

Tgt Ion:142 Resp: 424
Ion Ratio Lower Upper
142 100
141 90.6 72.2 108.4



#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.228 min Scan# 2440
Delta R.T. 0.009 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09

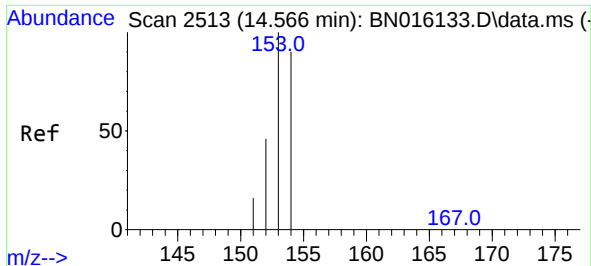
Tgt Ion:152 Resp: 989
Ion Ratio Lower Upper
152 100
151 30.8 15.8 23.6#
153 26.4 11.2 16.8#



Instrument :
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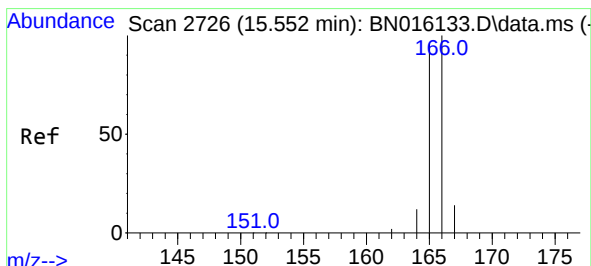
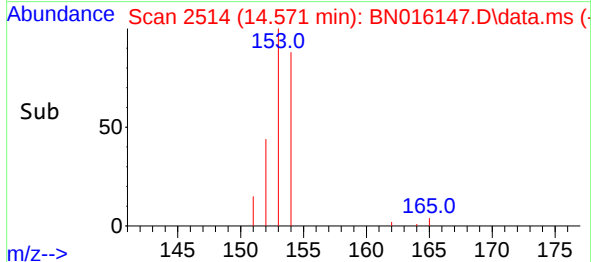
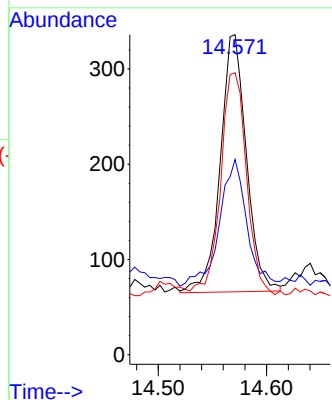
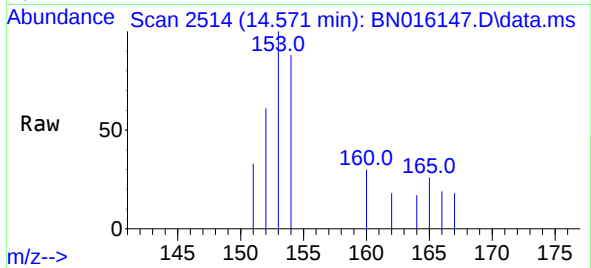
#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.571 min Scan# 2514
Delta R.T. 0.005 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09

Tgt Ion:153 Resp: 453
Ion Ratio Lower Upper
153 100
152 61.0 38.5 57.7#
154 88.1 71.3 106.9

Instrument :
BNA_N
ClientSampled :
C0AX0

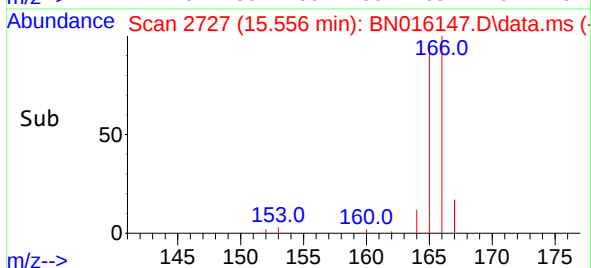
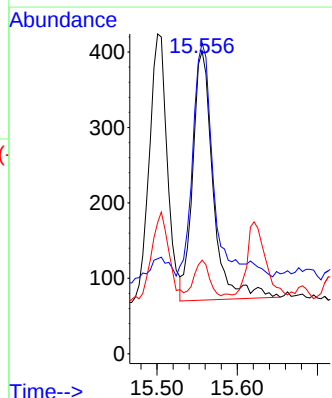
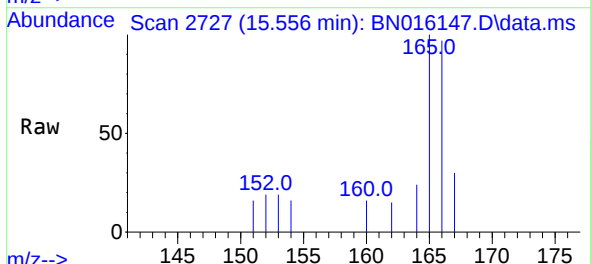
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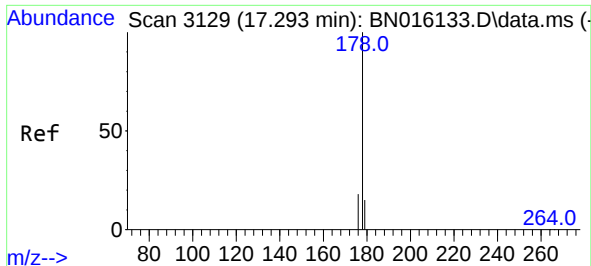
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#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.556 min Scan# 2727
Delta R.T. 0.005 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09

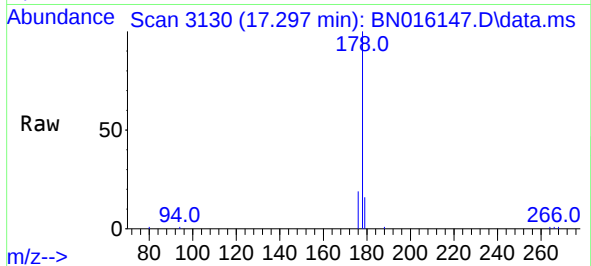
Tgt Ion:166 Resp: 580
Ion Ratio Lower Upper
166 100
165 102.7 77.9 116.9
167 30.9 11.8 17.8#





#15
Phenanthrene
Concen: 0.267 ng/ul
RT: 17.297 min Scan# 3130
Delta R.T. 0.004 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09

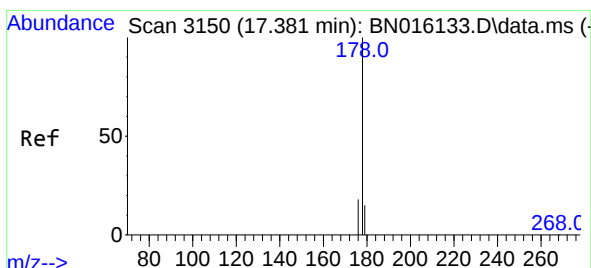
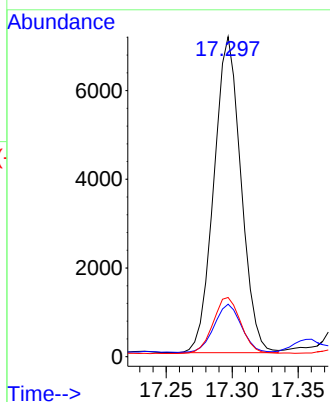
Instrument :
BNA_N
ClientSampled :
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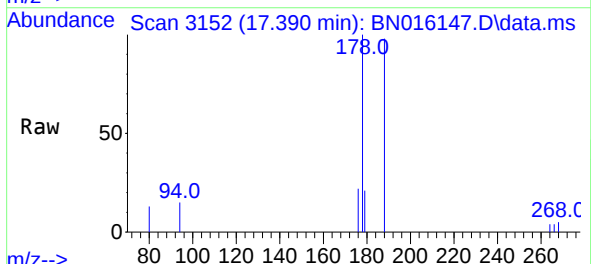
Tgt Ion:178 Resp: 10181
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 18.5 15.2 22.8

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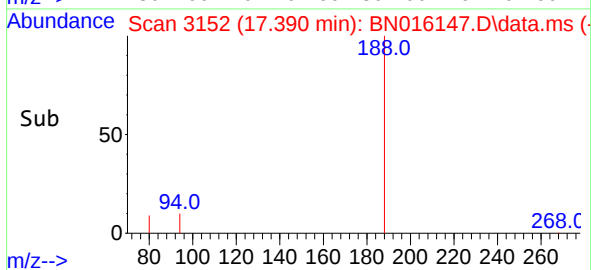
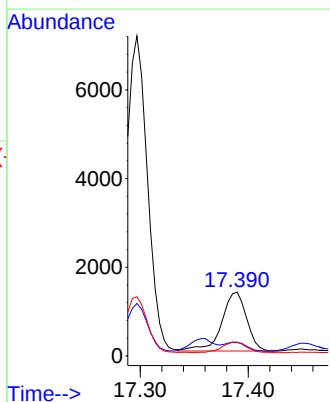
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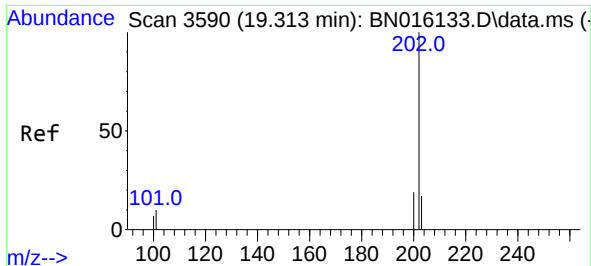


#16
Anthracene
Concen: 0.064 ng/ul
RT: 17.390 min Scan# 3152
Delta R.T. 0.008 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09



Tgt Ion:178 Resp: 2117
Ion Ratio Lower Upper
178 100
179 20.8 13.3 19.9#
176 21.9 14.9 22.3





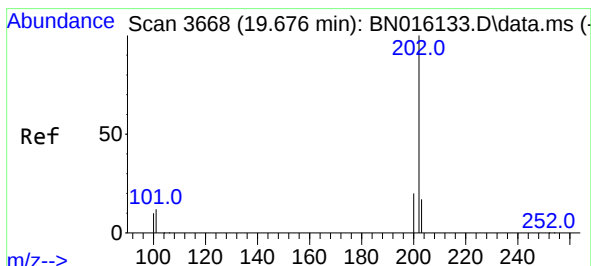
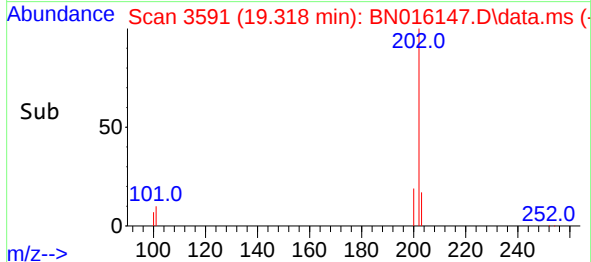
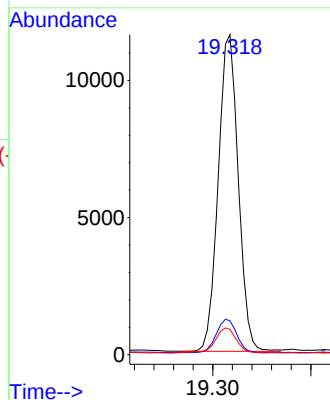
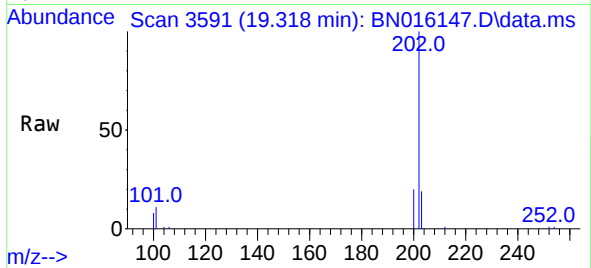
#19
Fluoranthene
Concen: 0.360 ng/u1
RT: 19.318 min Scan# 3591
Delta R.T. 0.005 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09

Tgt Ion:	202	Resp:	16458
Ion Ratio	Lower	Upper	
202	100		
101	10.6	9.2	13.8
100	7.9	6.7	10.1

Instrument :
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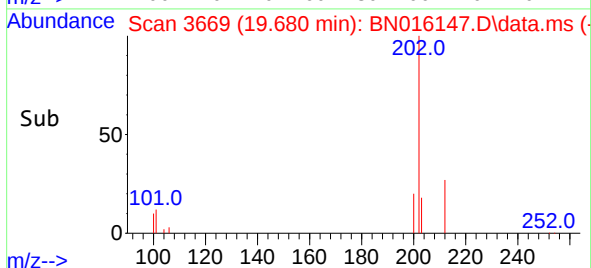
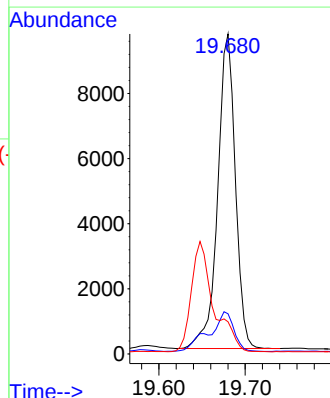
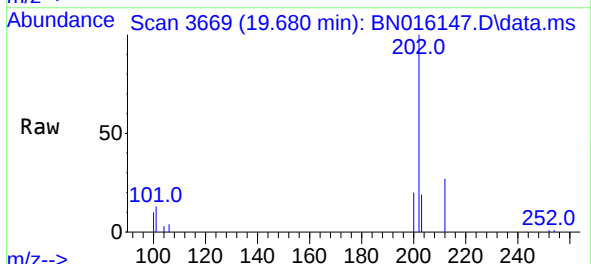
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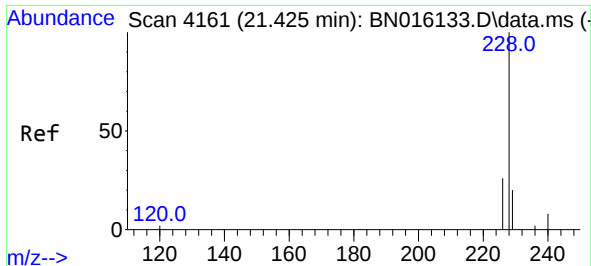
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#20
Pyrene
Concen: 0.298 ng/u1
RT: 19.680 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09

Tgt Ion:	202	Resp:	13781
Ion Ratio	Lower	Upper	
202	100		
101	12.6	11.5	17.3
100	10.1	9.8	14.8





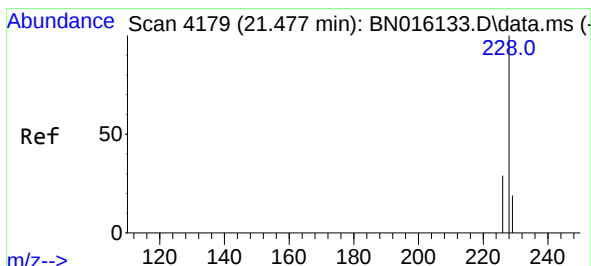
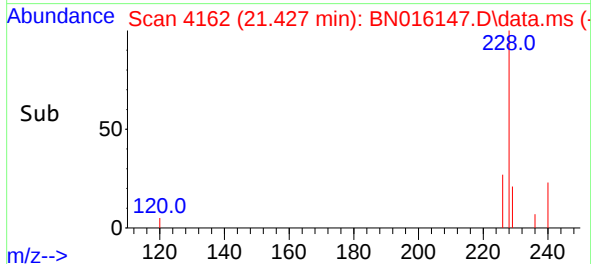
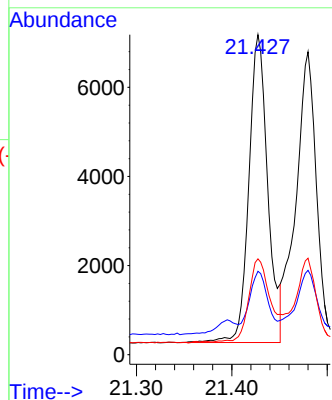
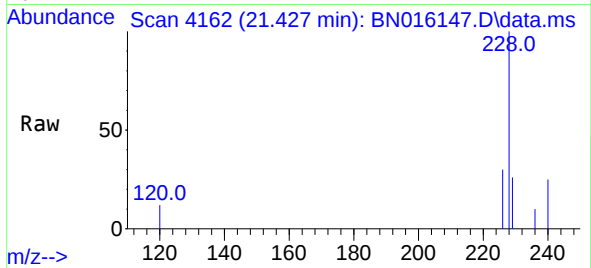
#21
Benzo(a)anthracene
Concen: 0.227 ng/u1
RT: 21.427 min Scan# 4162
Delta R.T. 0.003 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09

Tgt Ion:228 Resp: 9516
Ion Ratio Lower Upper
228 100
229 26.1 15.7 23.5#
226 30.0 20.8 31.2

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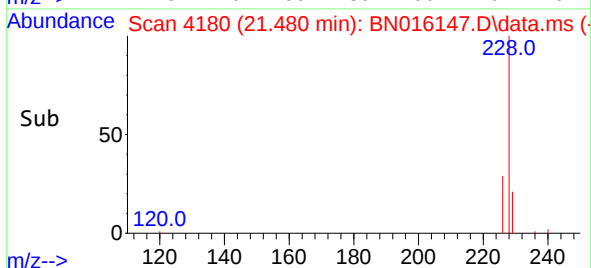
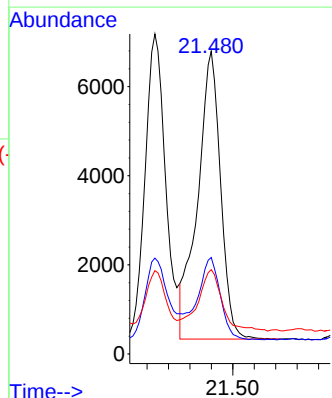
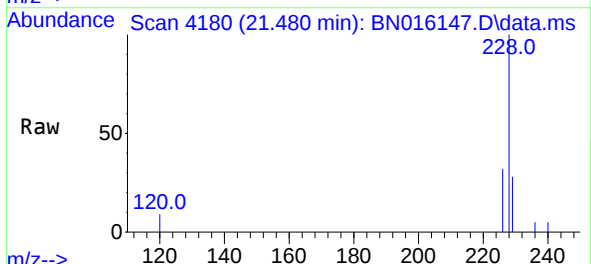
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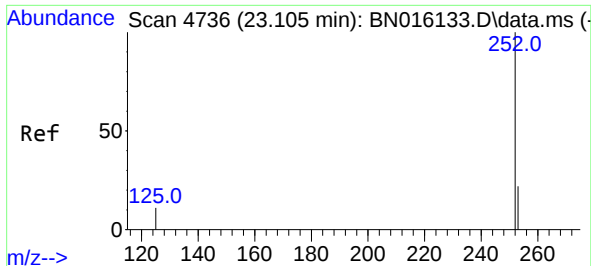
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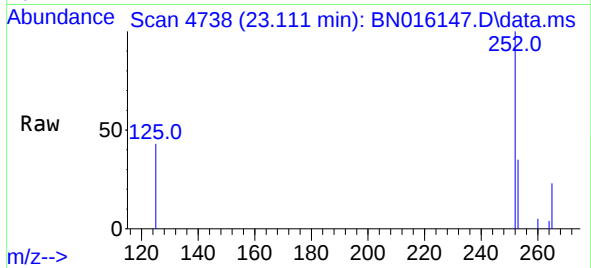
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Chrysene
Concen: 0.203 ng/u1
RT: 21.480 min Scan# 4180
Delta R.T. 0.003 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09

Tgt Ion:228 Resp: 9611
Ion Ratio Lower Upper
228 100
226 31.8 23.2 34.8
229 27.8 15.6 23.4#

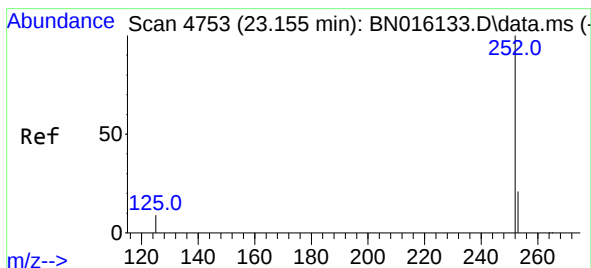
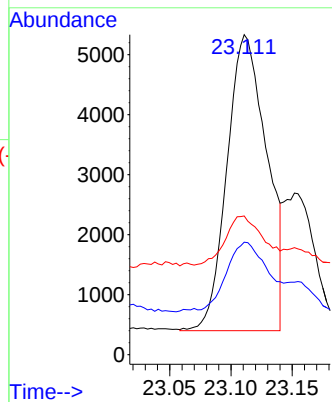
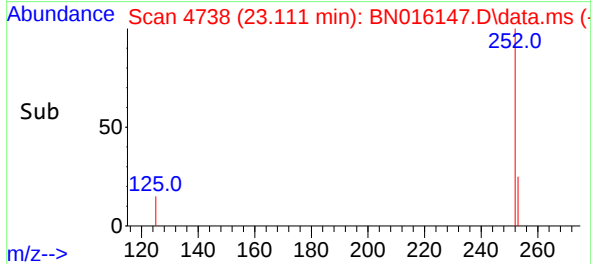




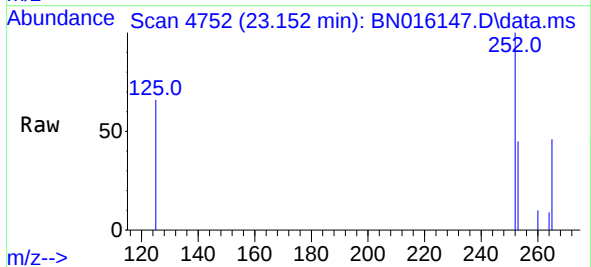
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Benzo(b)fluoranthene
Concen: 0.221 ng/ul m
RT: 23.111 min Scan# 4738
Delta R.T. 0.006 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09



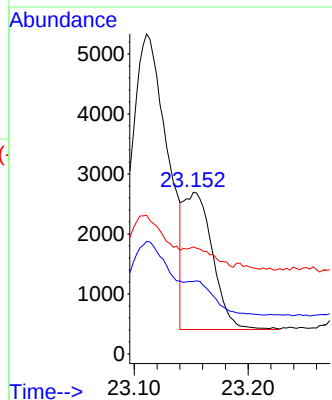
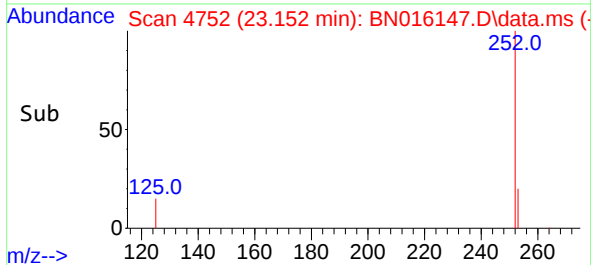
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Ion Ratio Lower Upper
252 100
253 35.1 0.0 49.4
125 43.4 0.0 27.0#



#25
Benzo(k)fluoranthene
Concen: 0.080 ng/ul m
RT: 23.152 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09



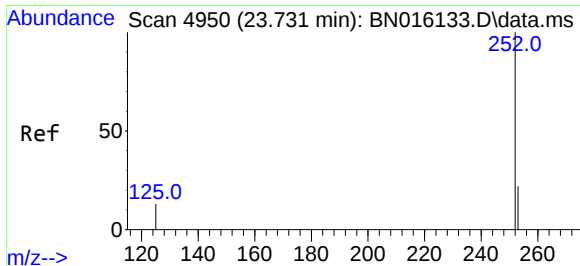
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Ion Ratio Lower Upper
252 100
253 44.8 19.4 29.0#
125 66.2 10.9 16.3#



Instrument :
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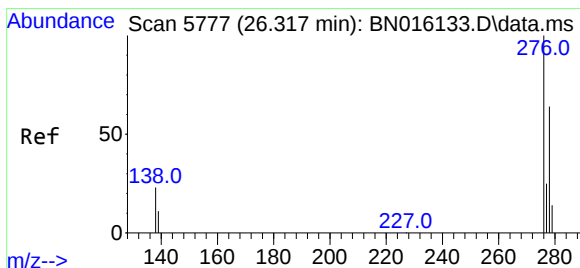
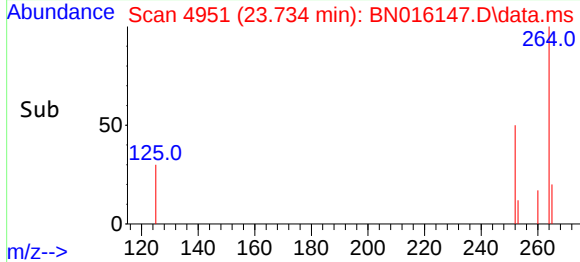
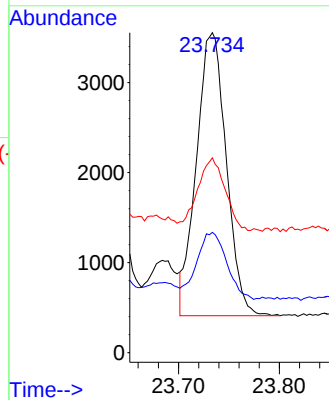
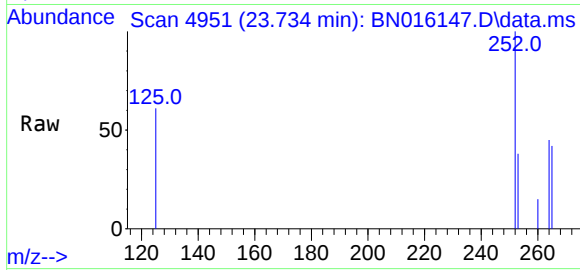
#26
Benzo(a)pyrene
Concen: 0.151 ng/ul
RT: 23.734 min Scan# 4951
Delta R.T. 0.003 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09

Tgt Ion:	252	Resp:	6460
Ion Ratio	Lower	Upper	
252	100		
253	37.6	20.2	30.2#
125	60.9	12.6	18.8#

Instrument :
BNA_N
ClientSampled :
C0AX0

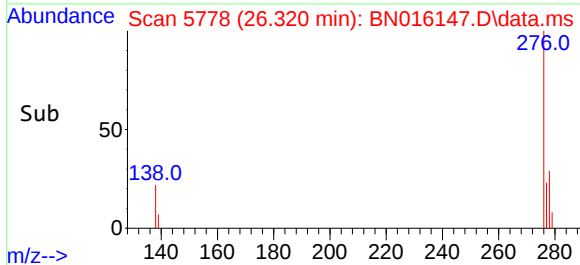
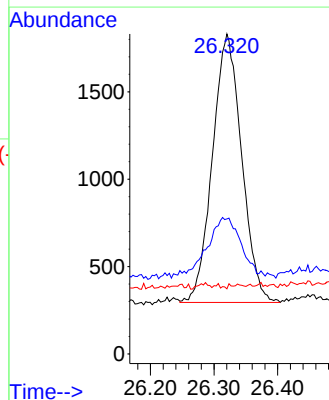
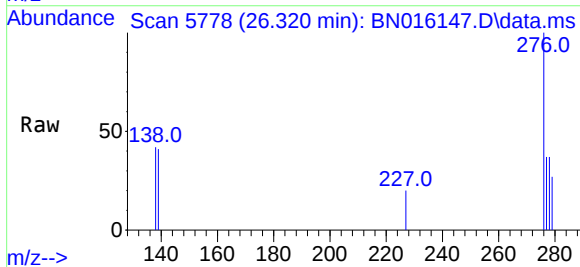
Manual Integrations
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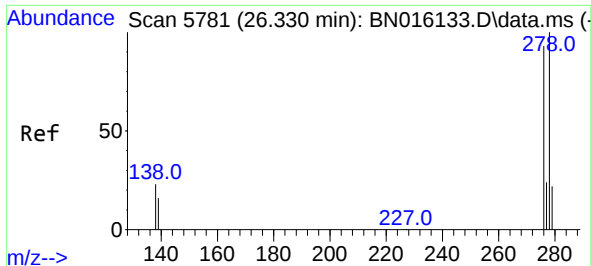
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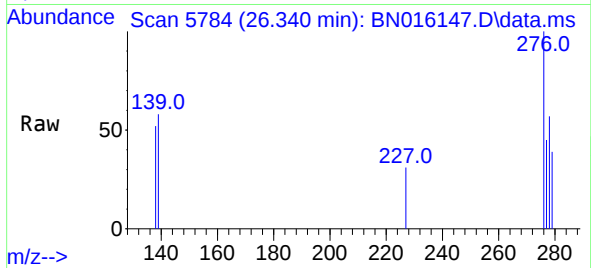
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng/ul
RT: 26.320 min Scan# 5778
Delta R.T. 0.003 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09

Tgt Ion:	276	Resp:	4894
Ion Ratio	Lower	Upper	
276	100		
138	26.7	22.7	34.1
227	0.2	0.2	0.2#

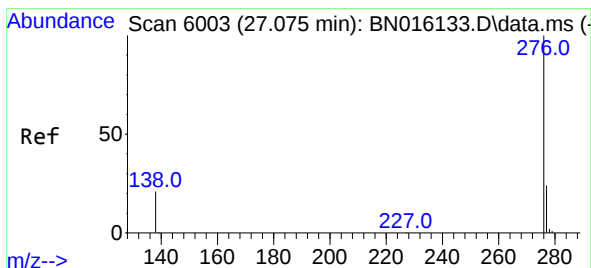
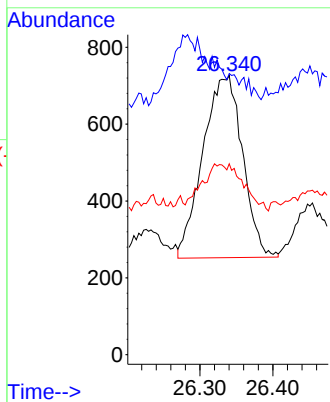
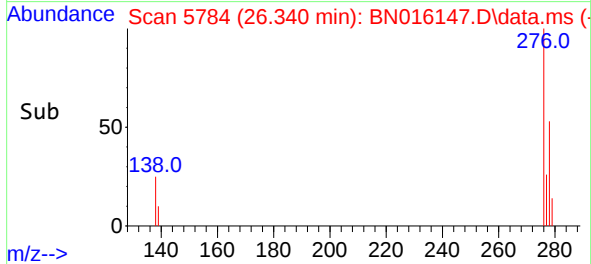




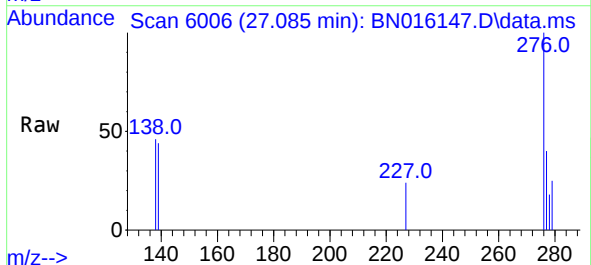
#28
Dibenzo(a,h)anthracene
Concen: 0.039 ng/ul
RT: 26.340 min Scan# 5784
Delta R.T. 0.010 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09



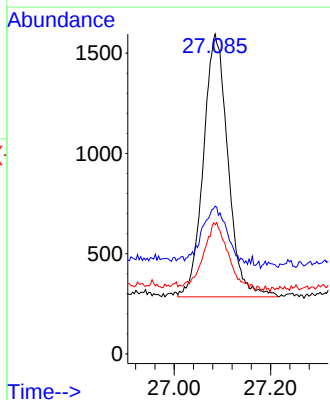
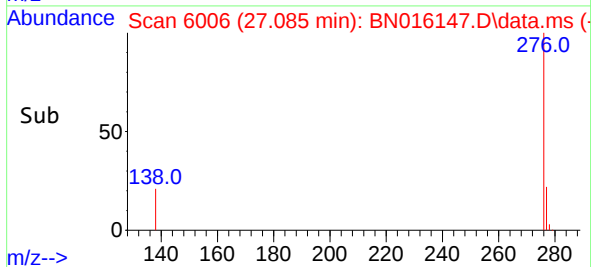
Tgt Ion: 278 Resp: 1791
Ion Ratio Lower Upper
278 100
139 100.7 15.1 22.7#
279 68.4 20.5 30.7#



#29
Benzo(g,h,i)perylene
Concen: 0.096 ng/ul
RT: 27.085 min Scan# 6006
Delta R.T. 0.010 min
Lab File: BN016147.D
Acq: 02 Sep 2021 21:09



Tgt Ion: 276 Resp: 4626
Ion Ratio Lower Upper
276 100
138 46.2 19.3 28.9#
277 40.4 19.8 29.8#



Instrument :
BNA_N
ClientSampled :
C0AX0

Manual Integrations
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