

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015137.D
 Acq On : 27 Jun 2021 04:23
 Operator : CG/JU
 Sample : M2680-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD36

Manual Integrations
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Quant Time: Jun 28 01:25:57 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	3647	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.501	136	13078	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.353	164	7434	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.098	188	15960	0.400	ng/ul	-0.01
17) Chrysene-d12	21.296	240	16031	0.400	ng/ul	#-0.02
23) Perylene-d12	23.540	264	13551	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	12396	3.016	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.090	152	3830	0.187	ng/ul	-0.01
18) Fluoranthene-d10	19.131	212	10102	0.192	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.327	88	515	0.116	ng/ul#	56
5) Naphthalene	10.545	128	13855	0.332	ng/ul	99
7) 2-Methylnaphthalene	12.162	142	3066	0.112	ng/ul	100
8) 1-Methylnaphthalene	12.382	142	2280	0.086	ng/ul	100
10) Acenaphthylene	14.071	152	6507	0.169	ng/ul	96
11) Acenaphthene	14.413	153	9228	0.313	ng/ul	98
12) Fluorene	15.403	166	11097	0.341	ng/ul	98
15) Phenanthrene	17.140	178	123624	2.134	ng/ul	99
16) Anthracene	17.229	178	41664	0.816	ng/ul	100
19) Fluoranthene	19.159	202	203799	2.751	ng/ul	98
20) Pyrene	19.526	202	180971	2.436	ng/ul	100
21) Benzo(a)anthracene	21.278	228	94727	1.595	ng/ul	94
22) Chrysene	21.331	228	88444	1.244	ng/ul	97
24) Benzo(b)fluoranthene	22.868	252	107479m	1.698	ng/ul	
25) Benzo(k)fluoranthene	22.906	252	37862m	0.530	ng/ul	
26) Benzo(a)pyrene	23.441	252	81837	1.539	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.790	276	47506	0.740	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.800	278	12220	0.243	ng/ul#	81
29) Benzo(g,h,i)perylene	26.477	276	39560	0.665	ng/ul	98

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

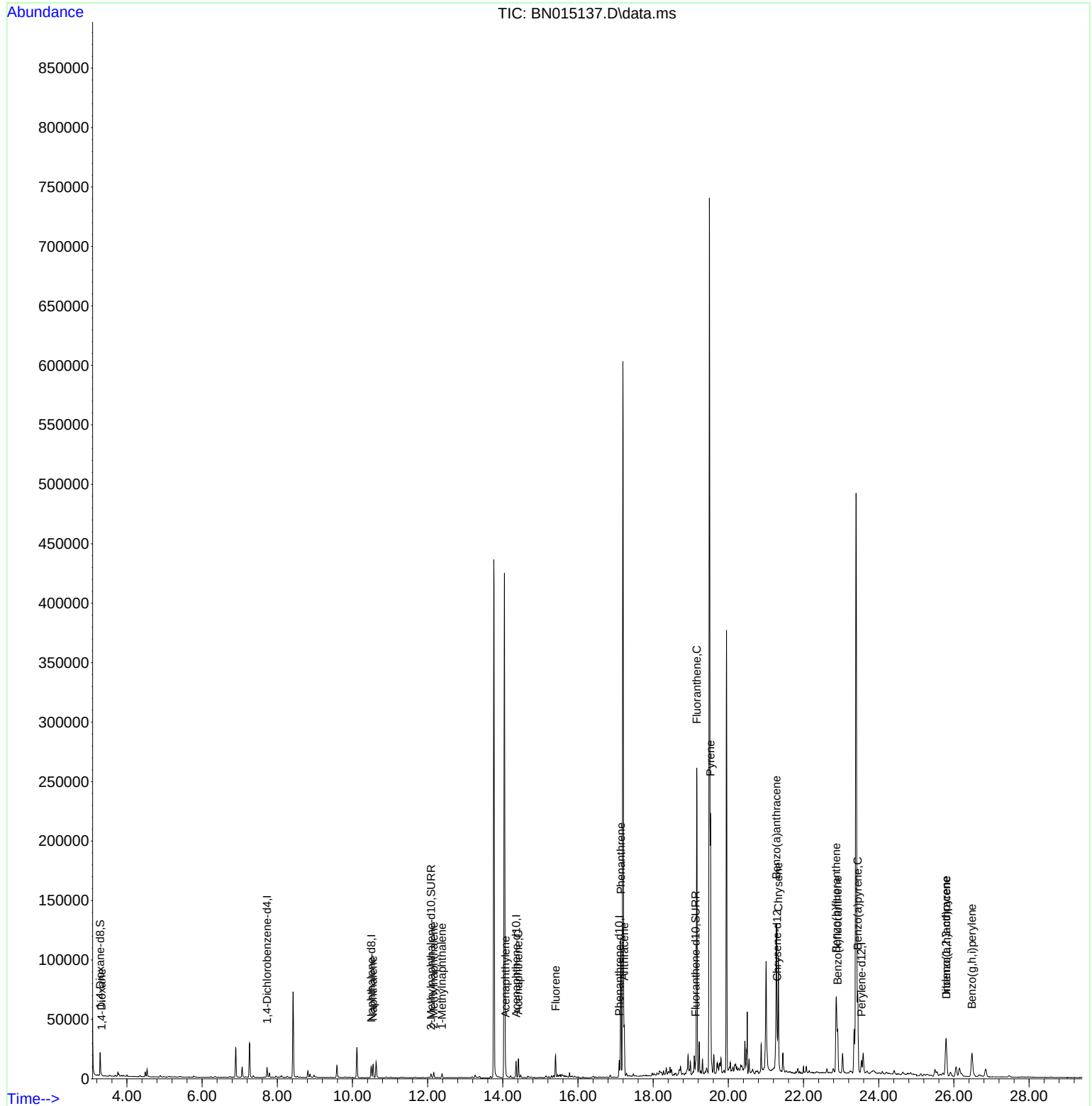
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
Data File : BN015137.D
Acq On : 27 Jun 2021 04:23
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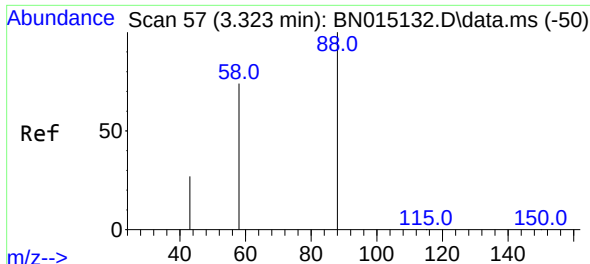
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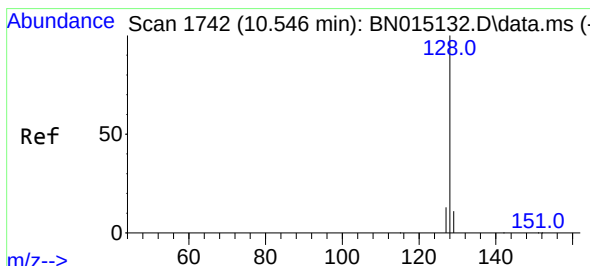
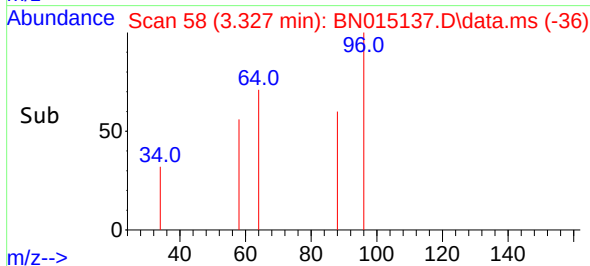
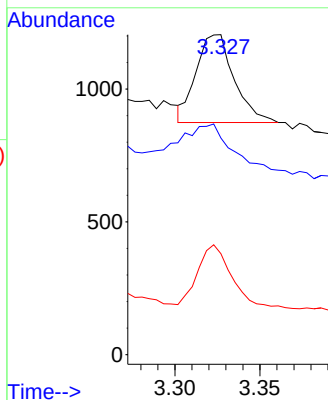
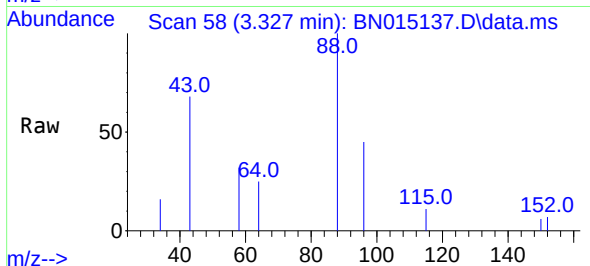
#2
1,4-Dioxane
Concen: 0.116 ng/ul
RT: 3.327 min Scan# 58
Delta R.T. -0.006 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23

Tgt Ion: 88 Resp: 515
Ion Ratio Lower Upper
88 100
43 67.7 24.9 37.3#
58 31.5 43.4 65.0#

Instrument :
BNA_N
ClientSampled :
BGD36

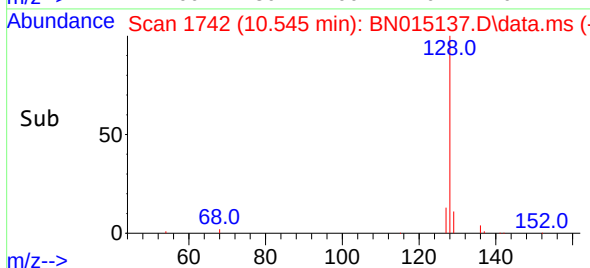
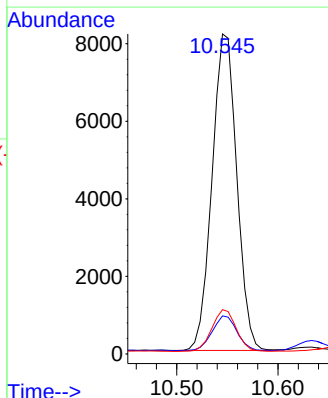
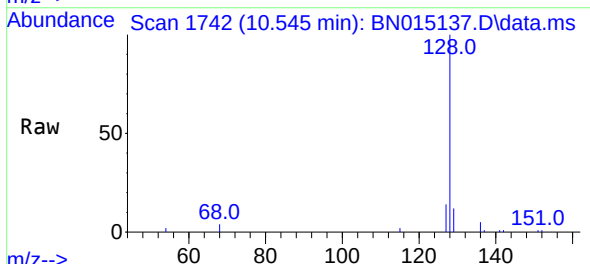
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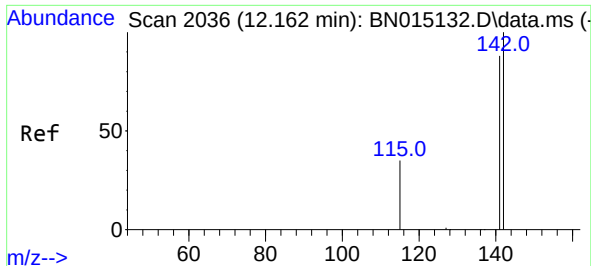
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#5
Naphthalene
Concen: 0.332 ng/ul
RT: 10.545 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23

Tgt Ion: 128 Resp: 13855
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 13.9 10.8 16.2





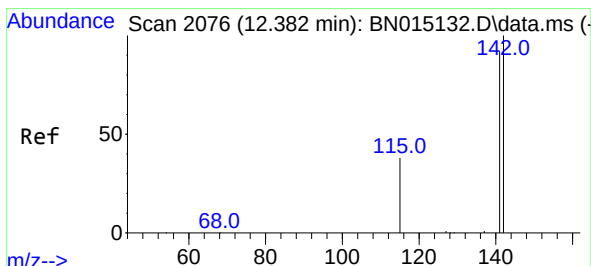
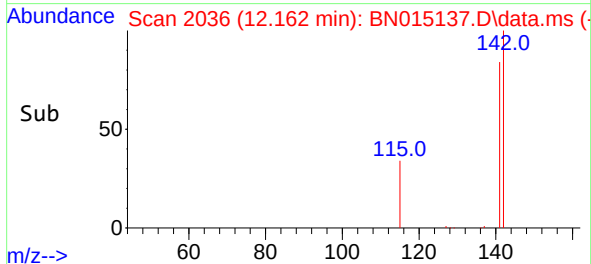
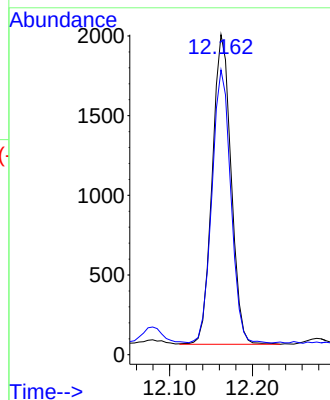
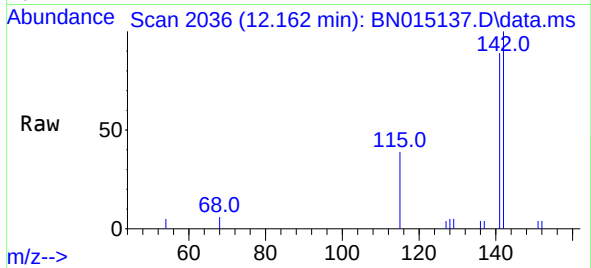
#7
2-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23

Tgt Ion:142 Resp: 3066
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5

Instrument :
BNA_N
ClientSampled :
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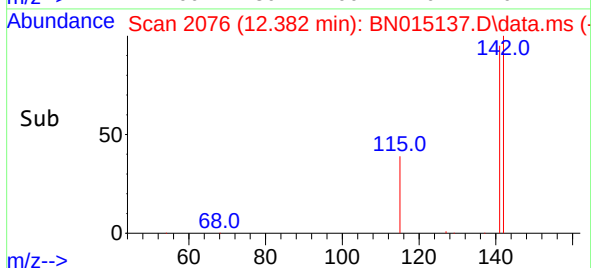
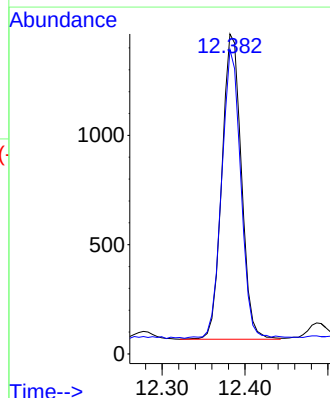
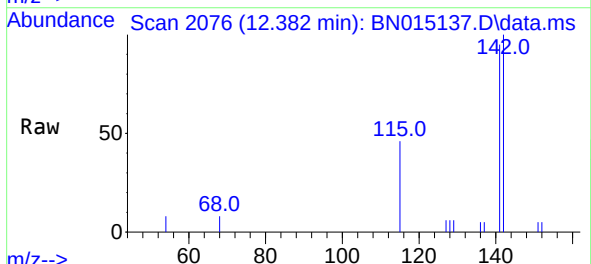
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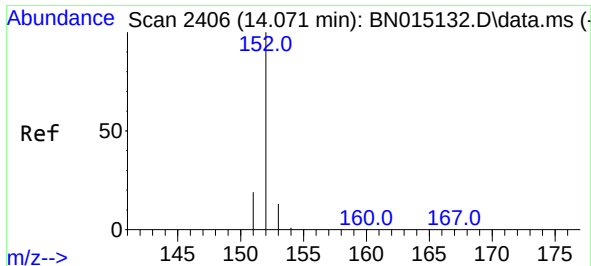
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#8
1-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23

Tgt Ion:142 Resp: 2280
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.4





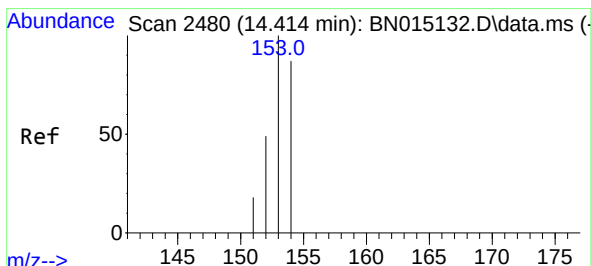
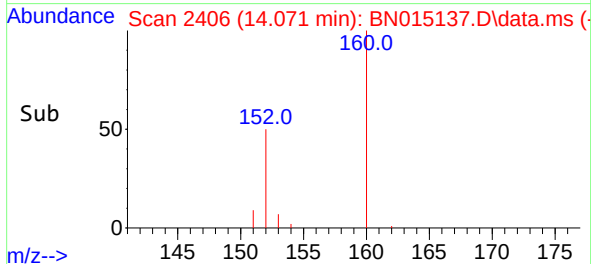
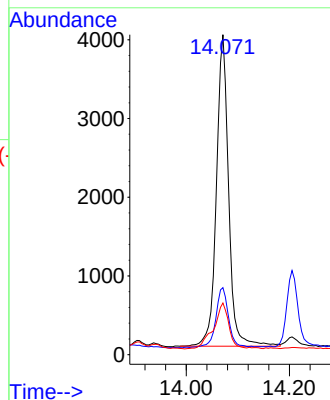
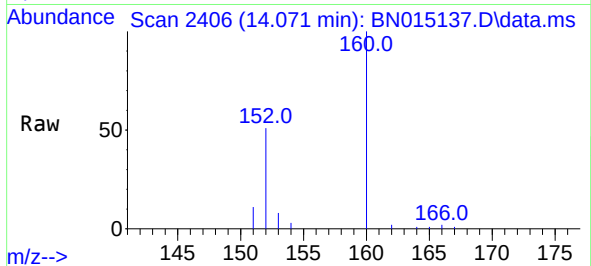
#10
Acenaphthylene
Concen: 0.169 ng/ul
RT: 14.071 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23

Tgt Ion:	152	Resp:	6507
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.0	24.0
153	16.1	10.9	16.3

Instrument :
BNA_N
ClientSampled :
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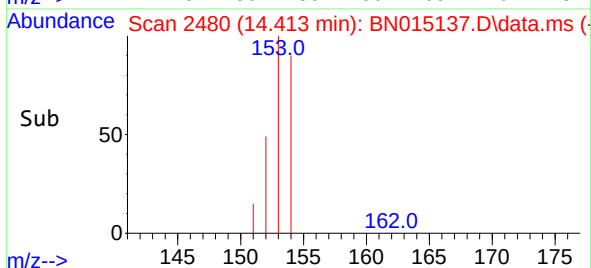
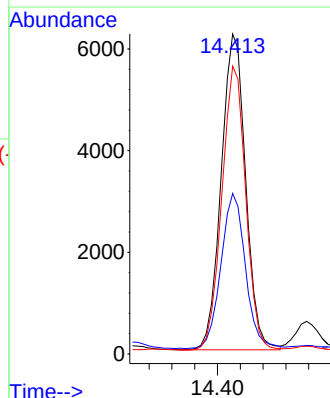
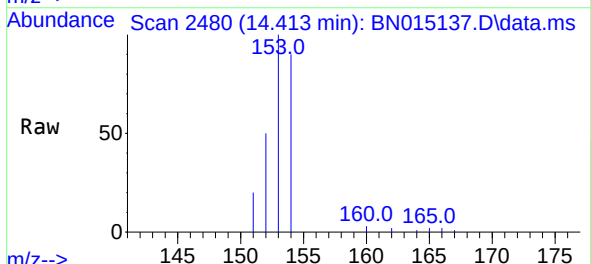
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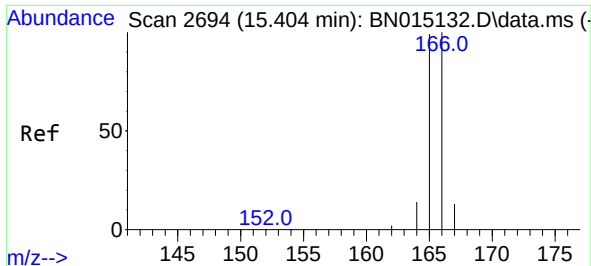
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#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.413 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23

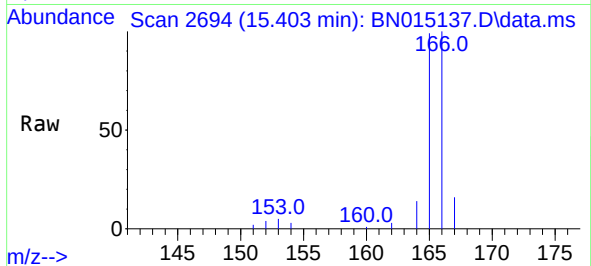
Tgt Ion:	153	Resp:	9228
Ion Ratio	Lower	Upper	
153	100		
152	50.1	39.8	59.6
154	90.0	69.8	104.8





#12
Fluorene
Concen: 0.341 ng/ul
RT: 15.403 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23

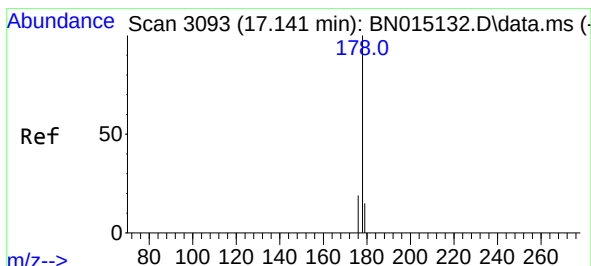
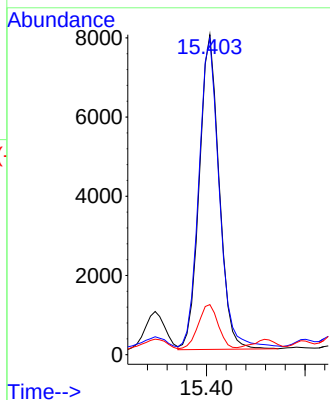
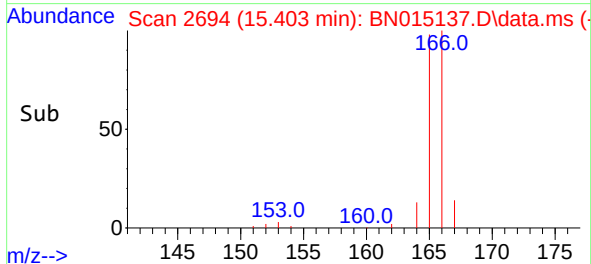
Instrument :
BNA_N
ClientSampled :
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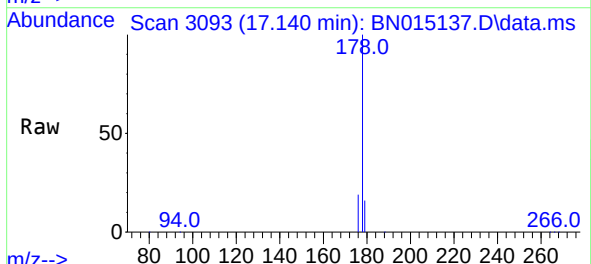
Tgt Ion:	166	Resp:	11097
Ion Ratio	Lower	Upper	
166	100		
165	98.9	77.8	116.8
167	15.6	11.2	16.8

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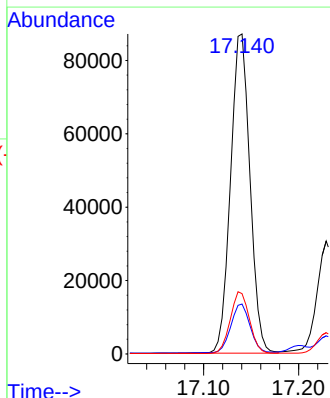
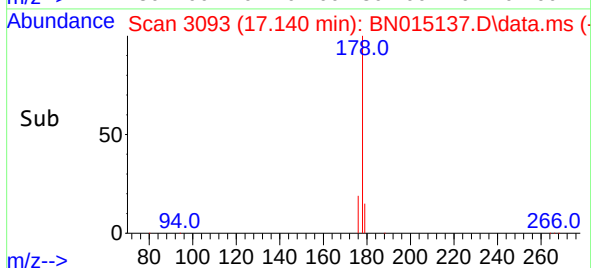
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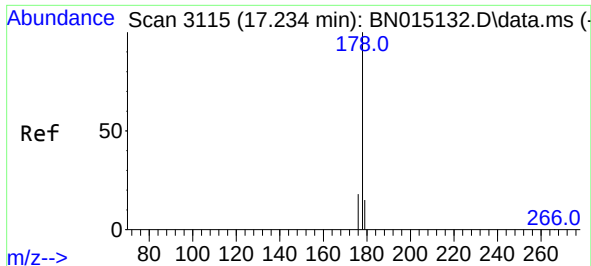


#15
Phenanthrene
Concen: 2.134 ng/ul
RT: 17.140 min Scan# 3093
Delta R.T. -0.011 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23



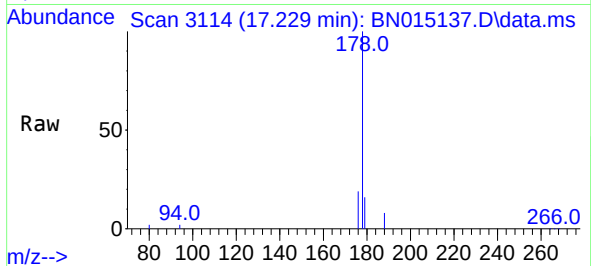
Tgt Ion:	178	Resp:	123624
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	18.9	15.5	23.3





#16
 Anthracene
 Concen: 0.816 ng/ul
 RT: 17.229 min Scan# 3114
 Delta R.T. -0.015 min
 Lab File: BN015137.D
 Acq: 27 Jun 2021 04:23

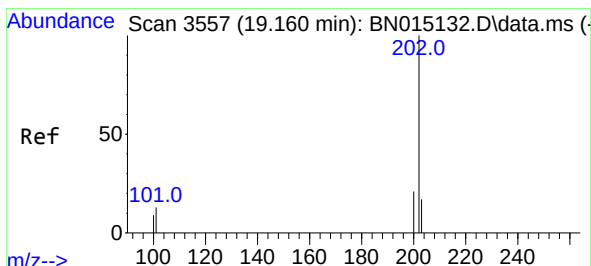
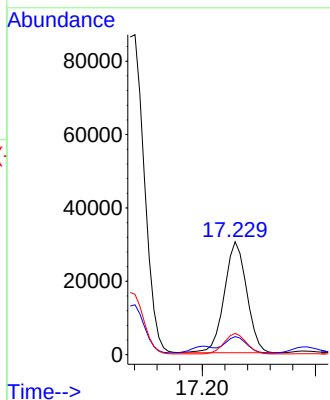
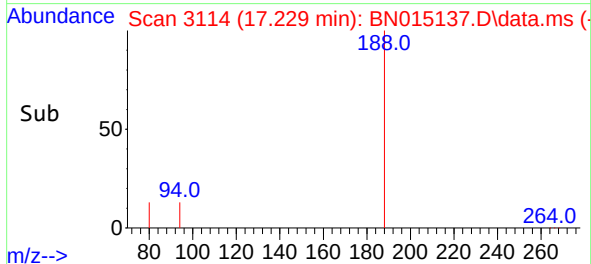
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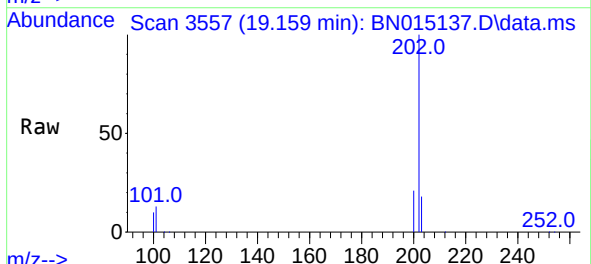
Tgt Ion:	178	Resp:	41664
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.8	19.2
176	18.8	15.2	22.8

Manual Integrations
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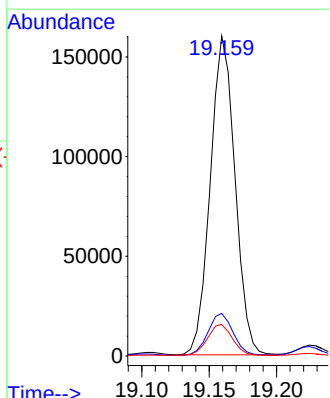
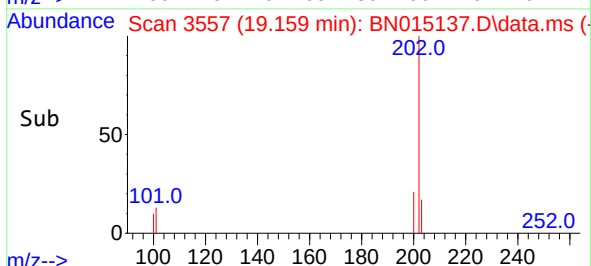
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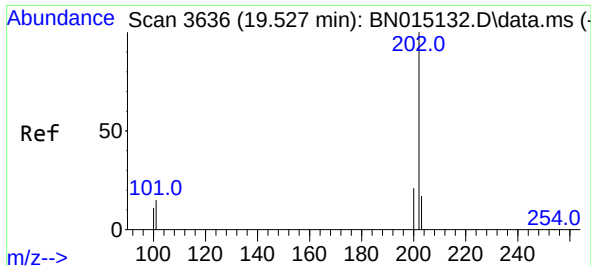


#19
 Fluoranthene
 Concen: 2.751 ng/ul
 RT: 19.159 min Scan# 3557
 Delta R.T. -0.016 min
 Lab File: BN015137.D
 Acq: 27 Jun 2021 04:23



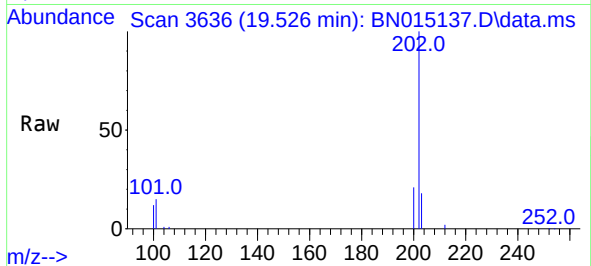
Tgt Ion:	202	Resp:	203799
Ion Ratio	Lower	Upper	
202	100		
101	13.3	10.1	15.1
100	9.8	7.4	11.0





#20
Pyrene
Concen: 2.436 ng/ul
RT: 19.526 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23

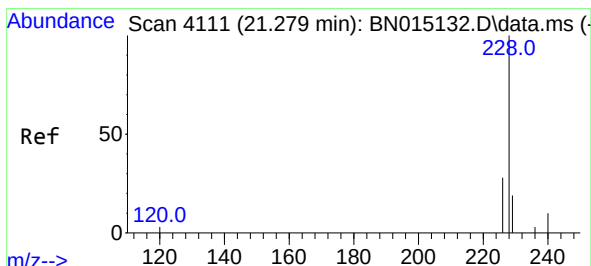
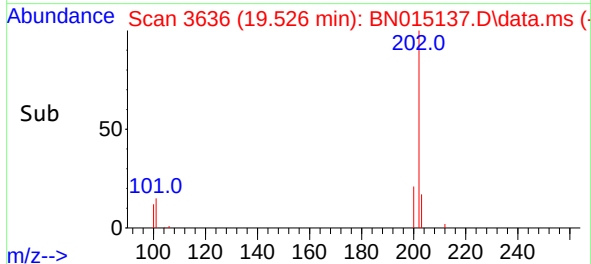
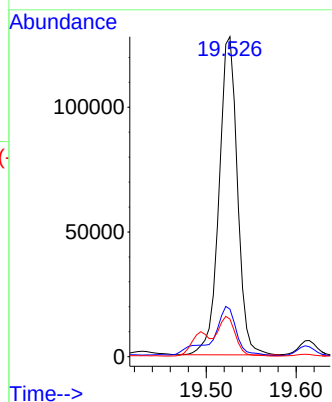
Instrument :
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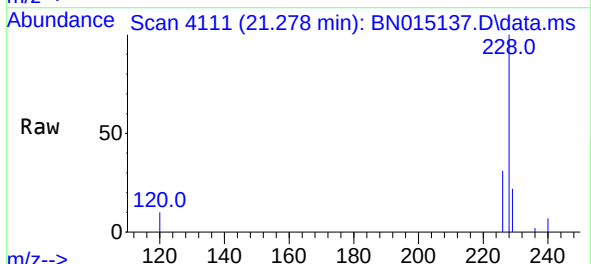
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Ion Ratio Lower Upper
202 100
101 14.8 12.0 18.0
100 11.8 9.6 14.4

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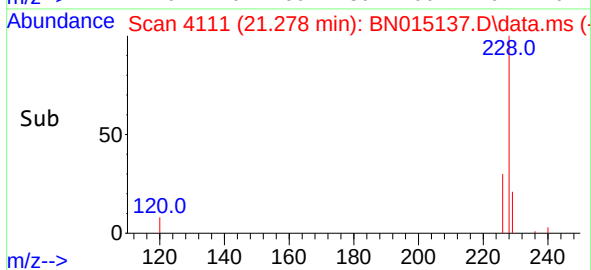
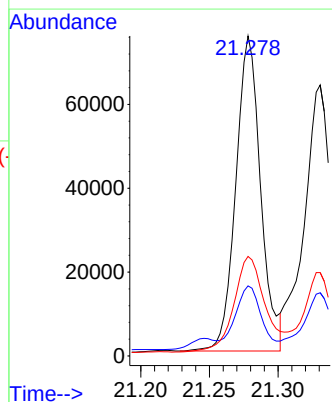
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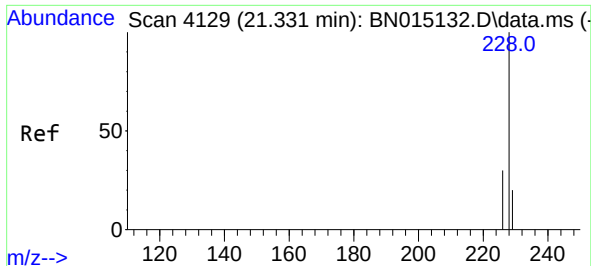


#21
Benzo(a)anthracene
Concen: 1.595 ng/ul
RT: 21.278 min Scan# 4111
Delta R.T. -0.018 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23

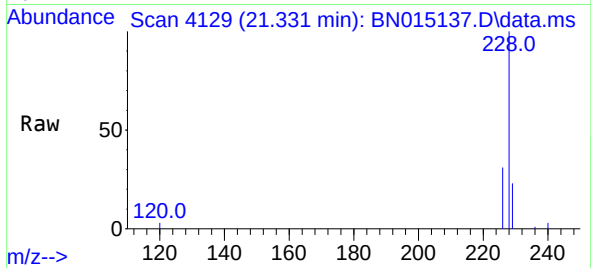


Tgt Ion:228 Resp: 94727
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.8
226 31.1 21.8 32.8

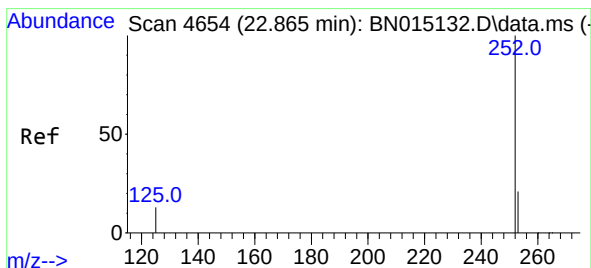
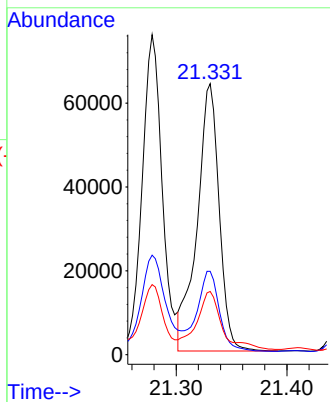
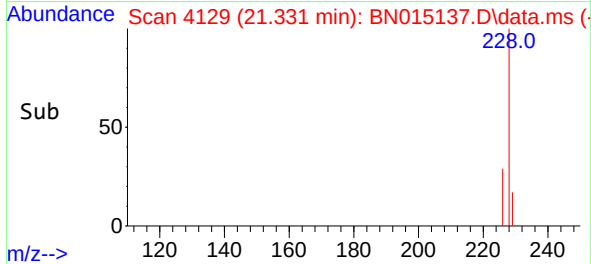




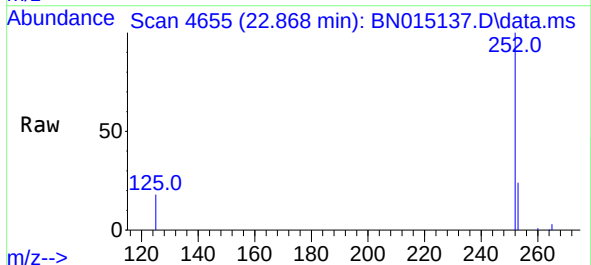
#22
Chrysene
Concen: 1.244 ng/ul
RT: 21.331 min Scan# 4129
Delta R.T. -0.018 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23



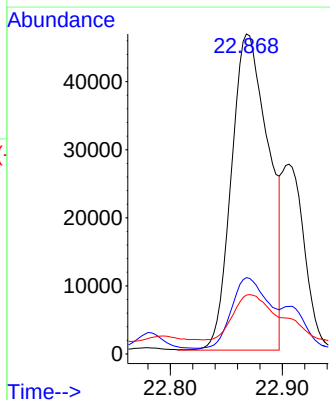
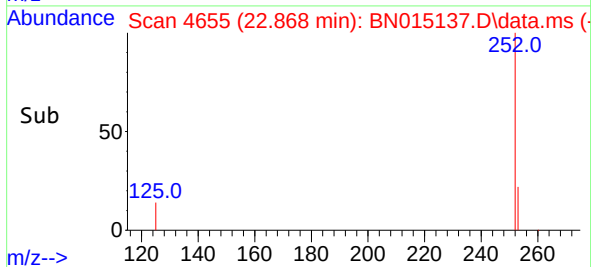
Tgt Ion:228 Resp: 88444
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 23.3 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 1.698 ng/ul m
RT: 22.868 min Scan# 4655
Delta R.T. -0.027 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23



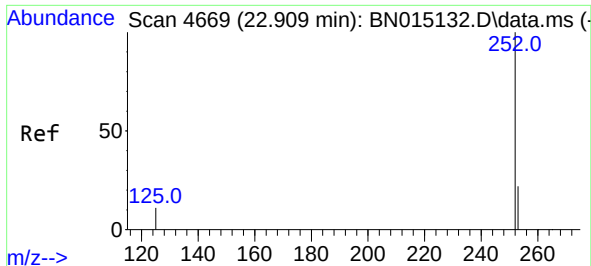
Tgt Ion:252 Resp: 107479
Ion Ratio Lower Upper
252 100
253 23.8 0.0 45.6
125 18.4 0.0 28.4



Instrument :
BNA_N
ClientSampled :
BGD36

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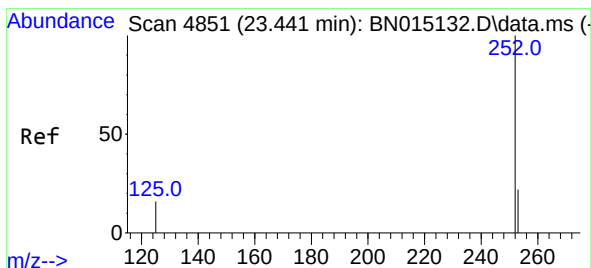
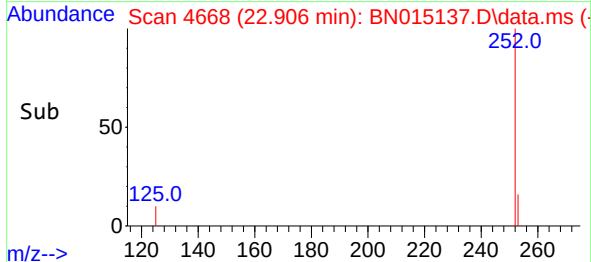
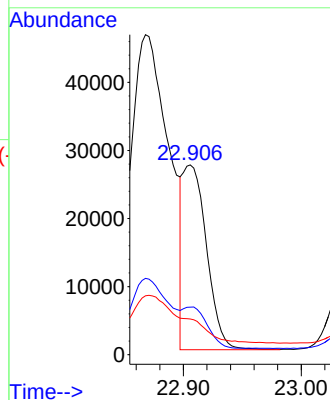
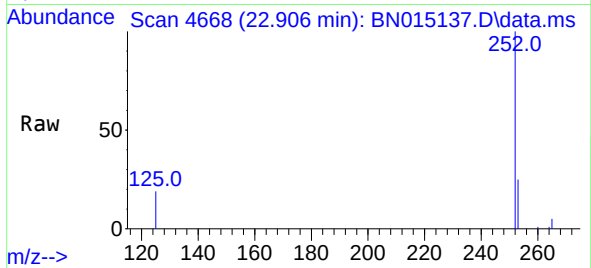
#25
Benzo(k)fluoranthene
Concen: 0.530 ng/ul m
RT: 22.906 min Scan# 4668
Delta R.T. -0.033 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23

Tgt Ion:252 Resp: 37862
Ion Ratio Lower Upper
252 100
253 25.0 18.1 27.1
125 18.8 11.5 17.3#

Instrument :
BNA_N
ClientSampled :
BGD36

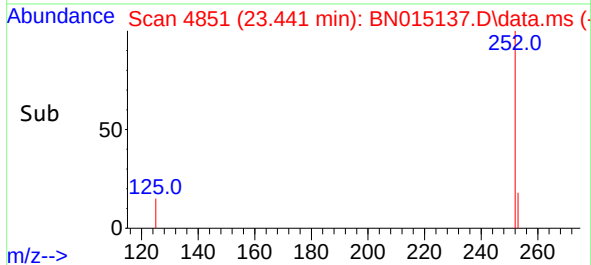
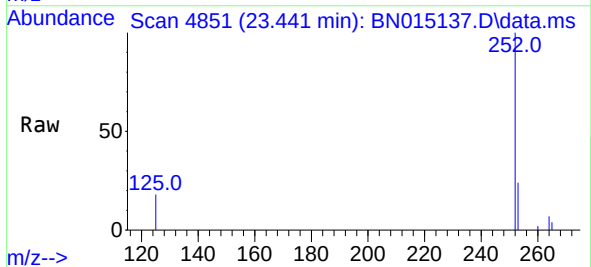
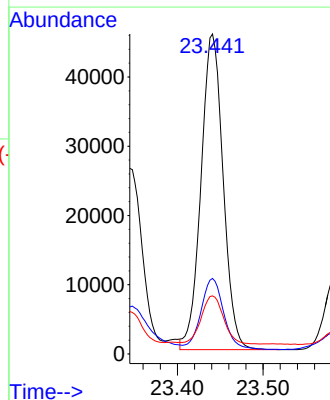
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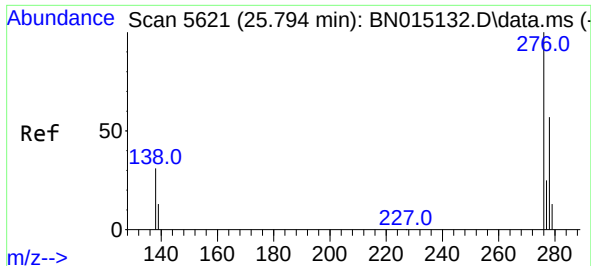
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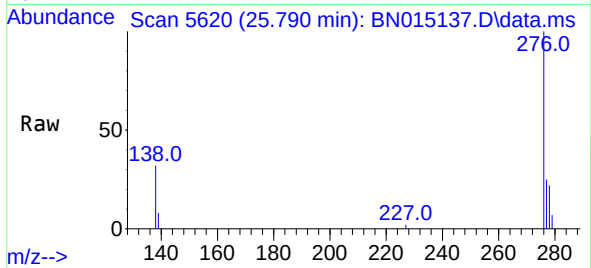
#26
Benzo(a)pyrene
Concen: 1.539 ng/ul
RT: 23.441 min Scan# 4851
Delta R.T. -0.030 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23

Tgt Ion:252 Resp: 81837
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 18.1 13.5 20.3

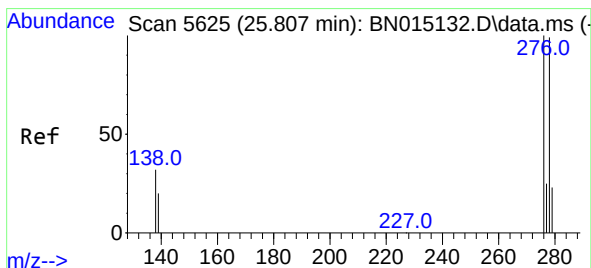
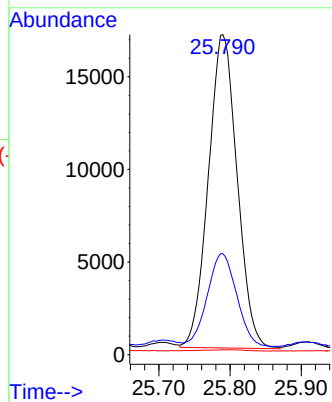
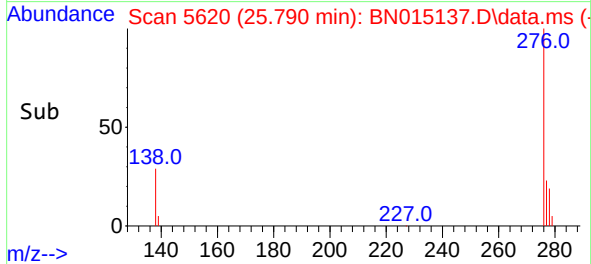




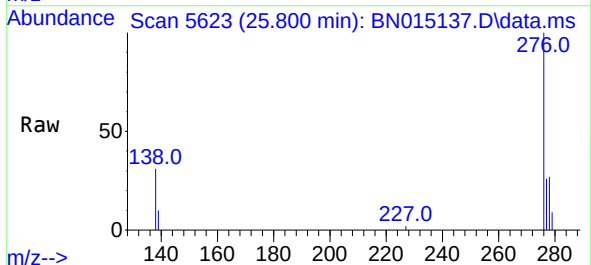
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.740 ng/ul
RT: 25.790 min Scan# 5620
Delta R.T. -0.051 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23



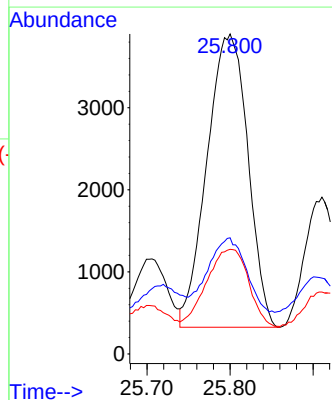
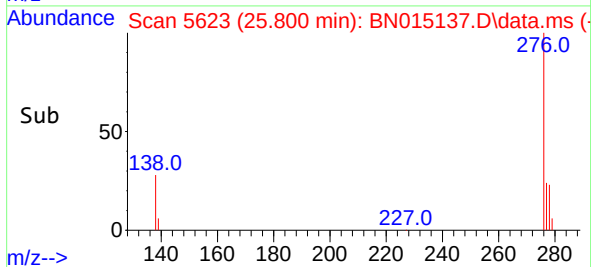
Tgt Ion: 276 Resp: 47506
Ion Ratio Lower Upper
276 100
138 30.3 26.3 39.5
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.243 ng/ul
RT: 25.800 min Scan# 5623
Delta R.T. -0.061 min
Lab File: BN015137.D
Acq: 27 Jun 2021 04:23



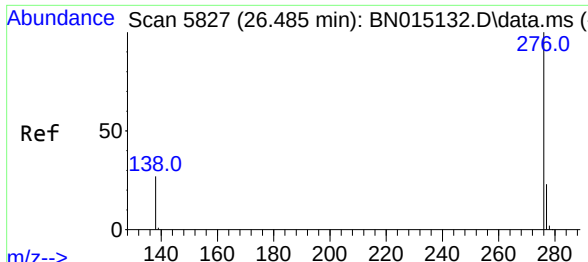
Tgt Ion: 278 Resp: 12220
Ion Ratio Lower Upper
278 100
139 36.3 18.9 28.3#
279 32.7 20.8 31.2#



Instrument :
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ClientSampleId :
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#29
 Benzo(g,h,i)perylene
 Concen: 0.665 ng/ul
 RT: 26.477 min Scan# 5825
 Delta R.T. -0.047 min
 Lab File: BN015137.D
 Acq: 27 Jun 2021 04:23

Tgt Ion:	276	Resp:	39560
Ion	Ratio	Lower	Upper
276	100		
138	29.9	23.0	34.4
277	24.9	19.3	28.9

Instrument :
 BNA_N
 ClientSampled :
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