

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
 Data File : BN016235.D
 Acq On : 07 Sep 2021 13:51
 Operator : CG/JU
 Sample : M3486-13DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ4DL

Manual Integrations
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 9/8/2021 6:59:55 AM

Quant Time: Sep 07 14:20:55 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 : Tue Sep 07 12:55:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	2256	0.400	ng/ul	0.00
4) Naphthalene-d8	10.655	136	9690	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	5997	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.242	188	12824	0.400	ng/ul	0.00
17) Chrysene-d12	21.433	240	13800	0.400	ng/ul	0.00
23) Perylene-d12	23.821	264	13936	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	1470	0.560	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.250	152	733	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.271	212	1976	0.053	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.705	128	9255	0.359	ng/ul	98
7) 2-Methylnaphthalene	12.322	142	6472	0.384	ng/ul	100
8) 1-Methylnaphthalene	12.536	142	5024	0.299	ng/ul	100
10) Acenaphthylene	14.215	152	16862	0.743	ng/ul	99
11) Acenaphthene	14.557	153	616	0.032	ng/ul#	93
12) Fluorene	15.547	166	1820	0.084	ng/ul#	92
15) Phenanthrene	17.284	178	18061	0.489	ng/ul	99
16) Anthracene	17.373	178	38525	1.207	ng/ul	98
19) Fluoranthene	19.303	202	57806	1.258	ng/ul	98
20) Pyrene	19.666	202	75770	1.627	ng/ul#	94
21) Benzo(a)anthracene	21.415	228	66049	1.565	ng/ul	94
22) Chrysene	21.468	228	146878	3.081	ng/ul	99
24) Benzo(b)fluoranthene	23.093	252	139375m	2.658	ng/ul	
25) Benzo(k)fluoranthene	23.134	252	46520m	0.882	ng/ul	
26) Benzo(a)pyrene	23.713	252	88661	1.993	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.286	276	152264	2.649	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.290	278	37640	0.795	ng/ul	98
29) Benzo(g,h,i)perylene	27.051	276	168668	3.381	ng/ul	97

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

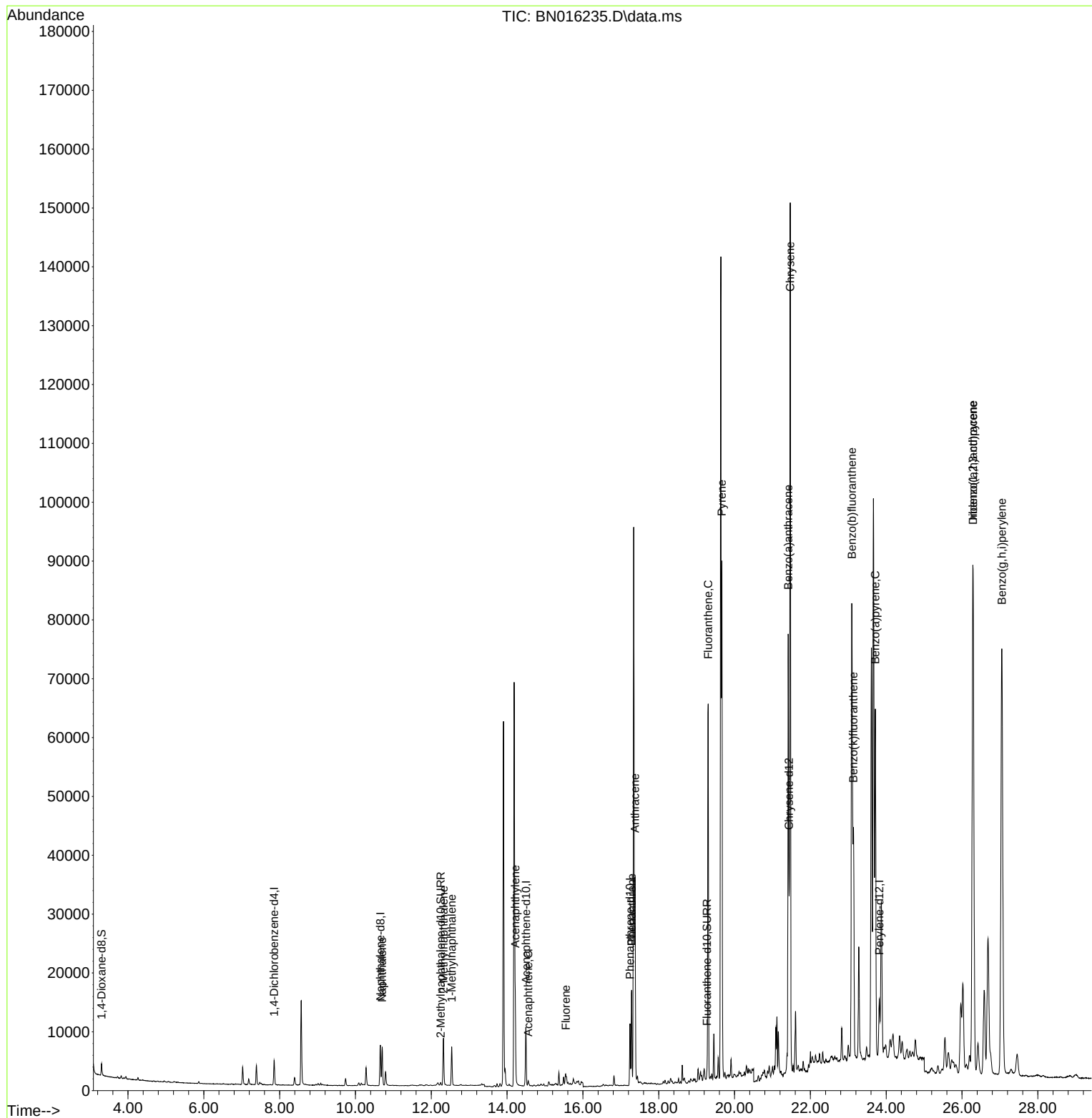
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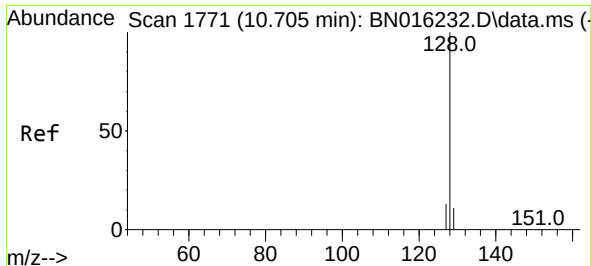
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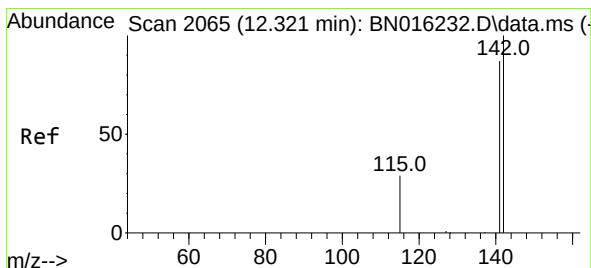
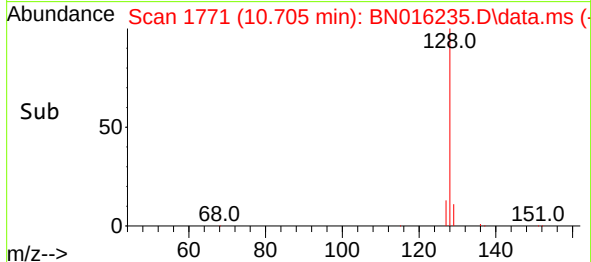
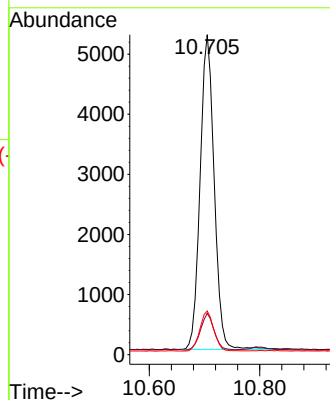
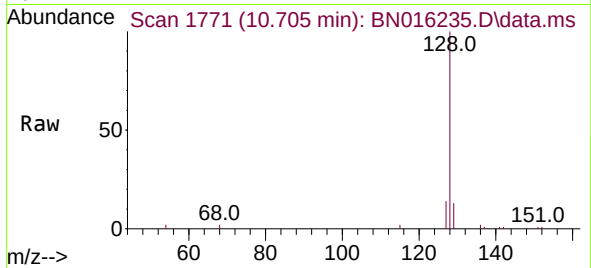
#5
Naphthalene
Concen: 0.359 ng/ul
RT: 10.705 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51

Tgt Ion:	128	Resp:	9255
Ion Ratio	Lower	Upper	
128	100		
129	12.9	9.4	14.2
127	13.6	10.6	15.8

Instrument :
BNA_N
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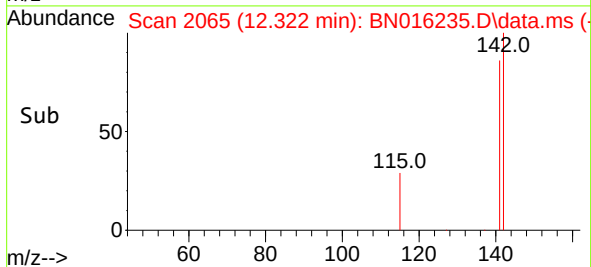
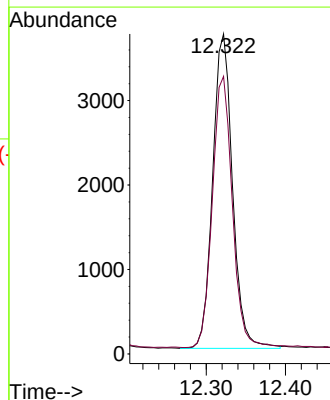
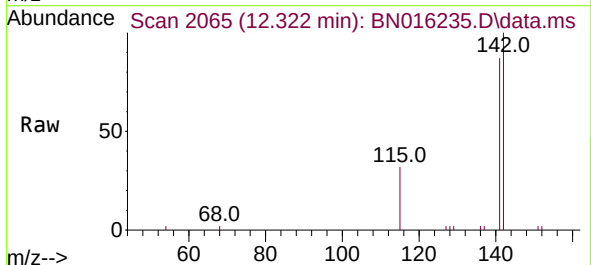
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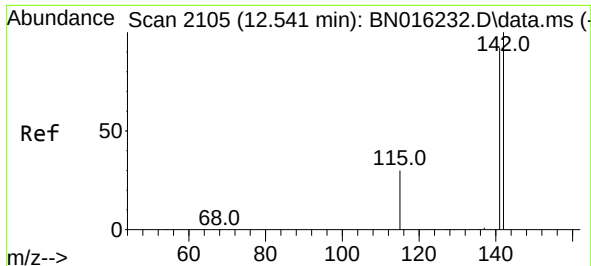
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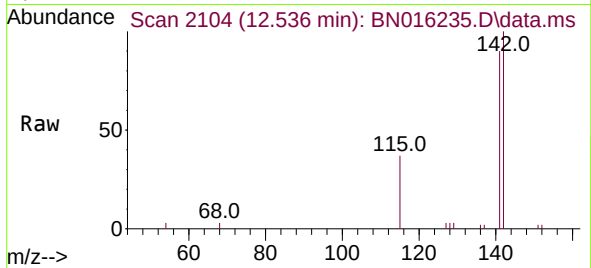
#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.322 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51

Tgt Ion:	142	Resp:	6472
Ion Ratio	Lower	Upper	
142	100		
141	87.1	69.5	104.3

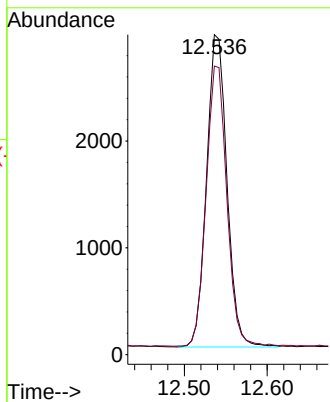
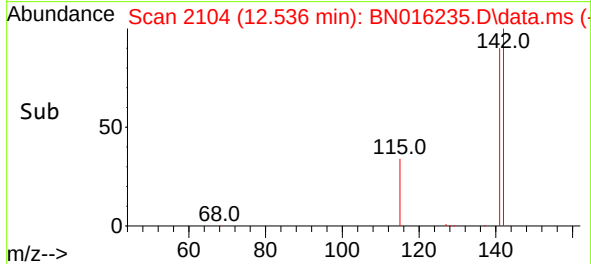




#8
1-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 12.536 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51



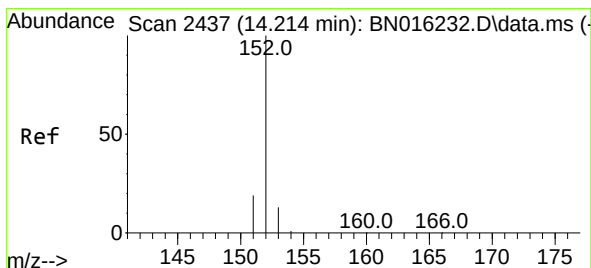
Tgt Ion:142 Resp: 5024
Ion Ratio Lower Upper
142 100
141 90.6 72.2 108.4



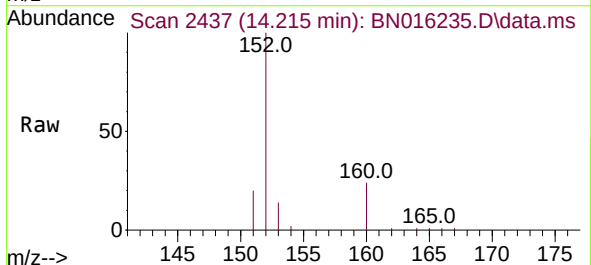
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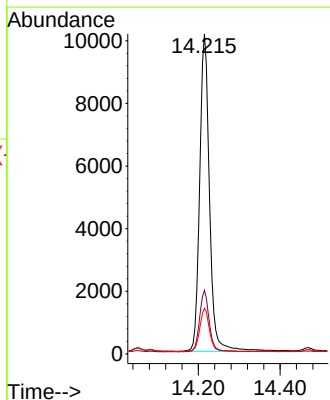
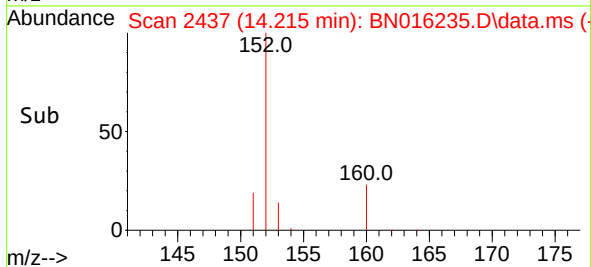
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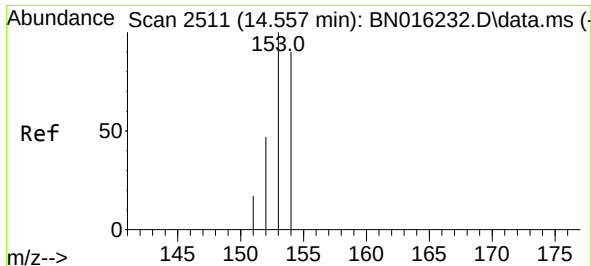


#10
Acenaphthylene
Concen: 0.743 ng/ul
RT: 14.215 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51

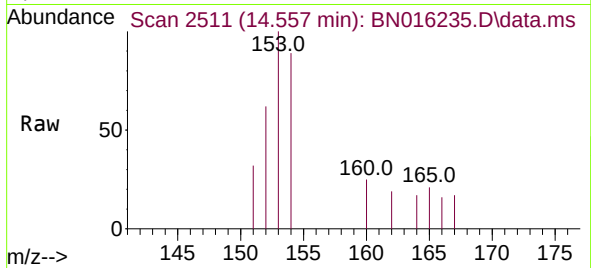


Tgt Ion:152 Resp: 16862
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 14.3 11.2 16.8

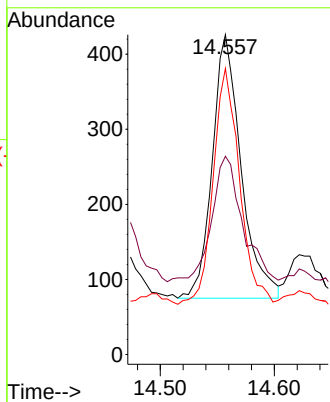
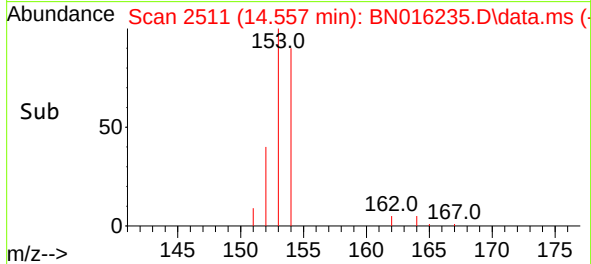




#11
Acenaphthene
Concen: 0.032 ng/u1
RT: 14.557 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51



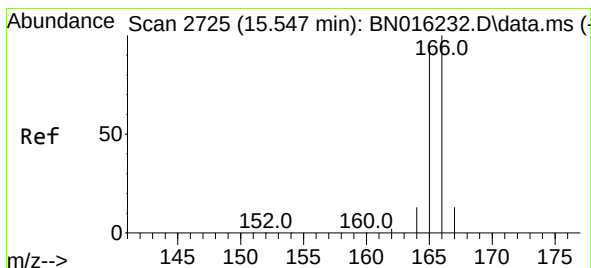
Tgt Ion:153 Resp: 616
Ion Ratio Lower Upper
153 100
152 62.0 38.5 57.7#
154 89.4 71.3 106.9



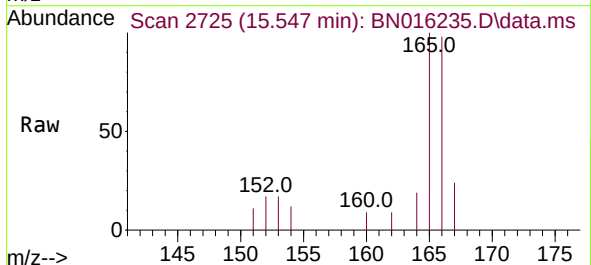
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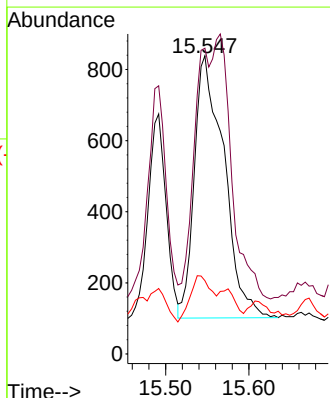
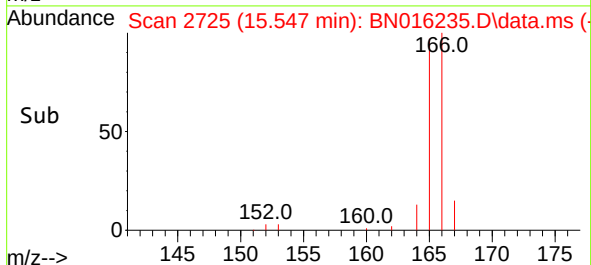
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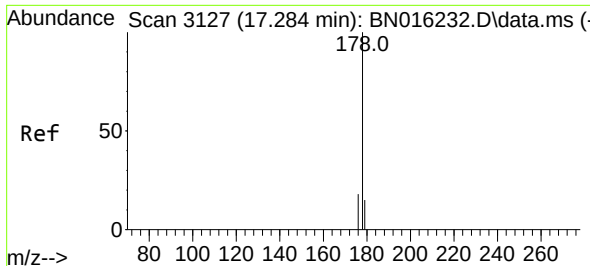


#12
Fluorene
Concen: 0.084 ng/u1
RT: 15.547 min Scan# 2725
Delta R.T. 0.000 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51

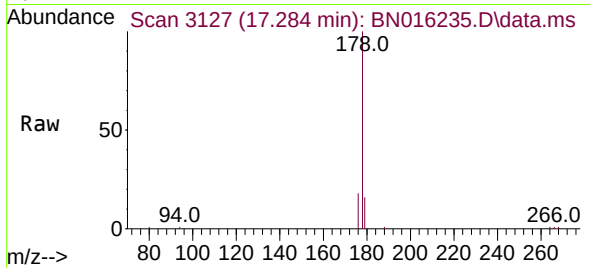


Tgt Ion:166 Resp: 1820
Ion Ratio Lower Upper
166 100
165 102.5 77.9 116.9
167 24.6 11.8 17.8#

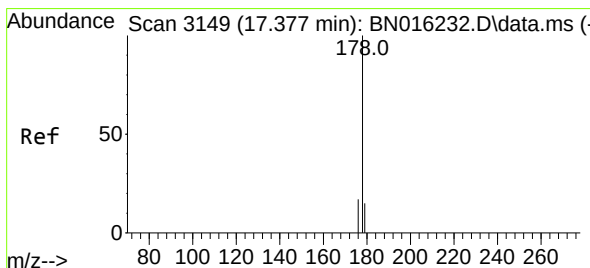
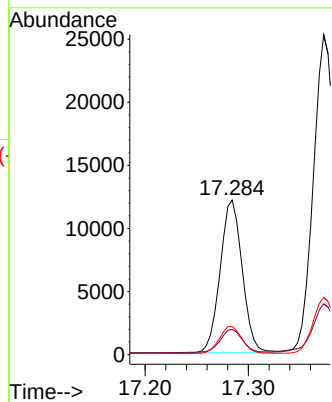
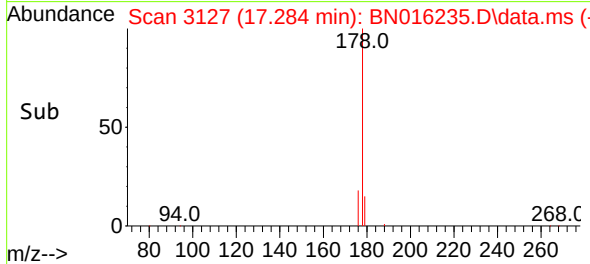




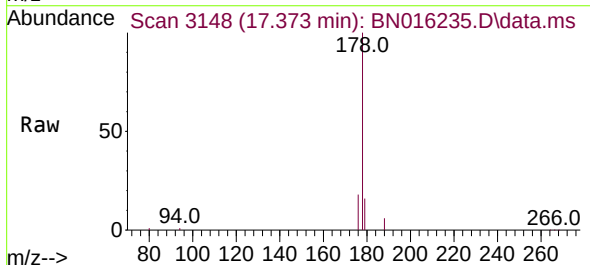
#15
Phenanthrene
Concen: 0.489 ng/ul
RT: 17.284 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51



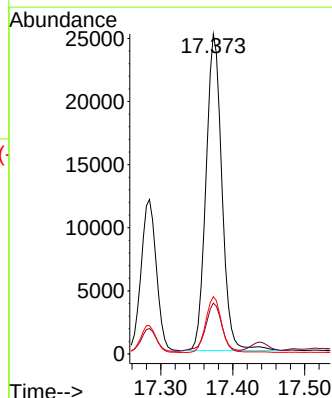
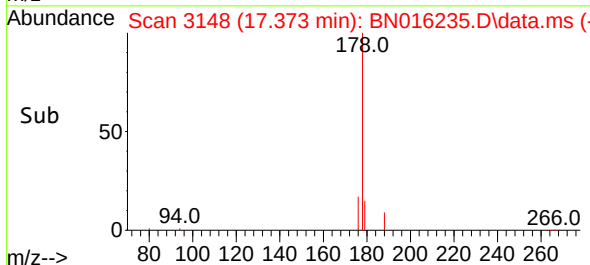
Tgt Ion:178 Resp: 18061
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 18.4 15.2 22.8



#16
Anthracene
Concen: 1.207 ng/ul
RT: 17.373 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51



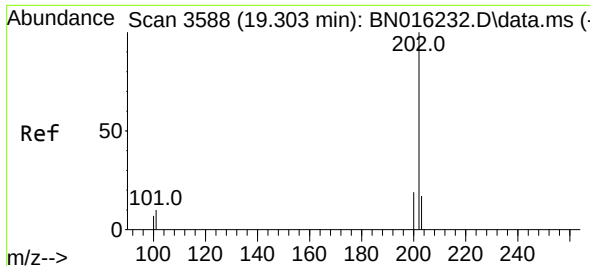
Tgt Ion:178 Resp: 38525
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 17.9 14.9 22.3



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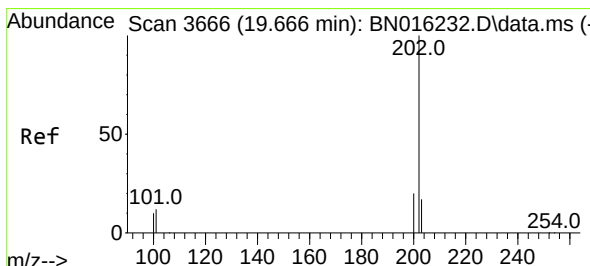
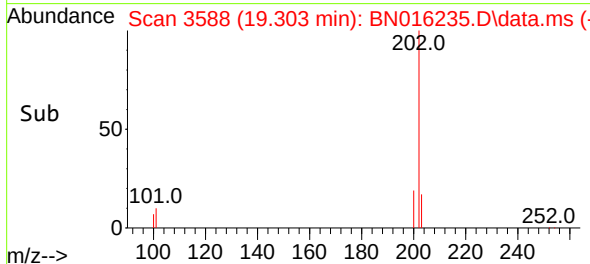
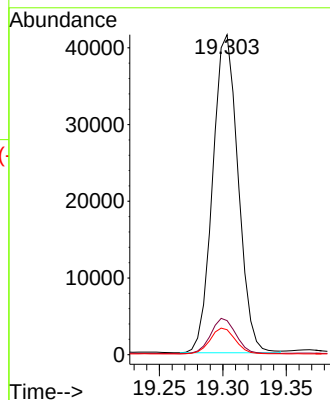
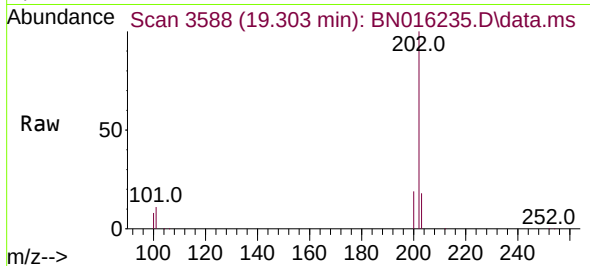
#19
Fluoranthene
Concen: 1.258 ng/ul
RT: 19.303 min Scan# 3588
Delta R.T. -0.000 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.2	13.8
100	7.8	6.7	10.1

Instrument :
BNA_N
ClientSampleId :
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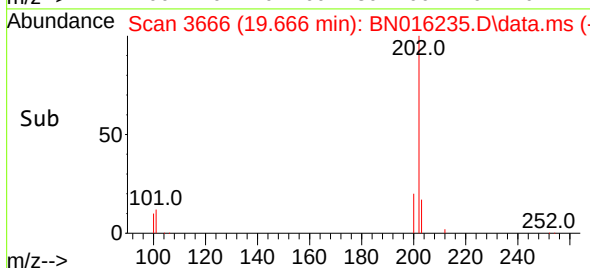
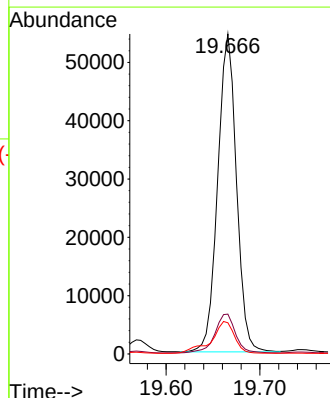
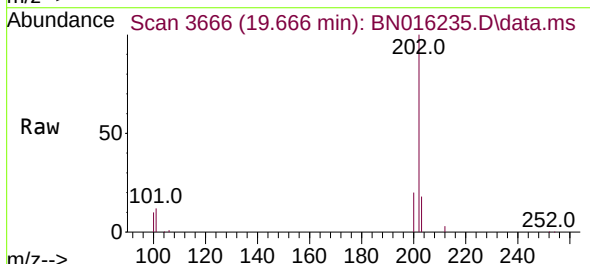
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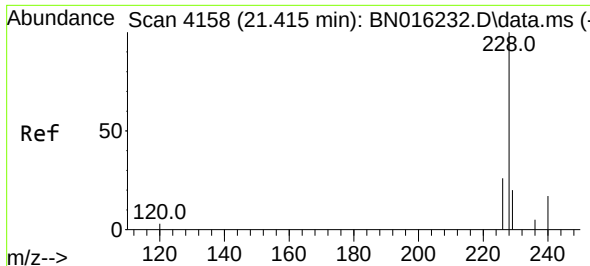
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#20
Pyrene
Concen: 1.627 ng/ul
RT: 19.666 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BN016235.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.5	17.3
100	9.8	9.8	14.8





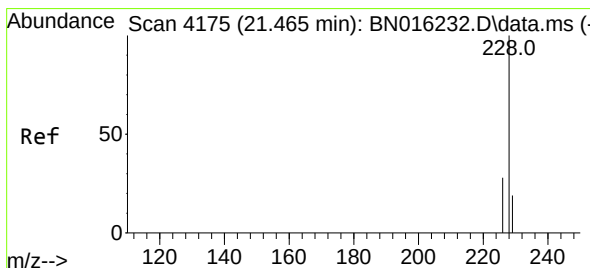
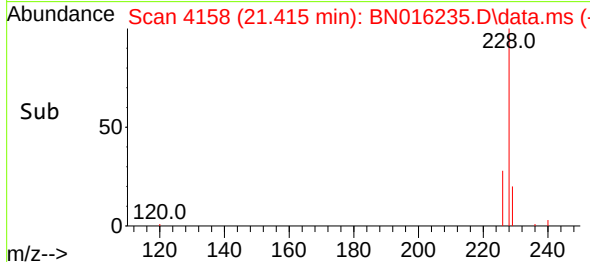
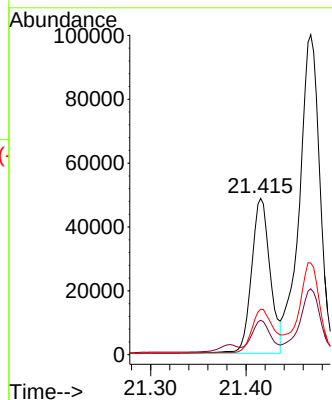
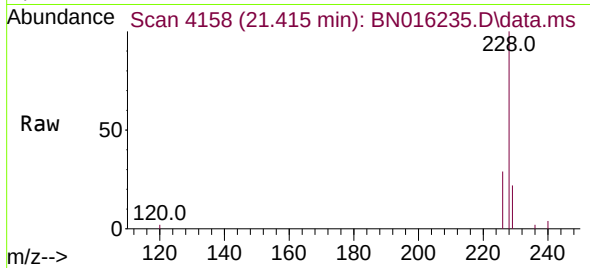
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Benzo(a)anthracene
Concen: 1.565 ng/ul
RT: 21.415 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51

Tgt Ion:228 Resp: 66049
Ion Ratio Lower Upper
228 100
229 22.0 15.7 23.5
226 29.1 20.8 31.2

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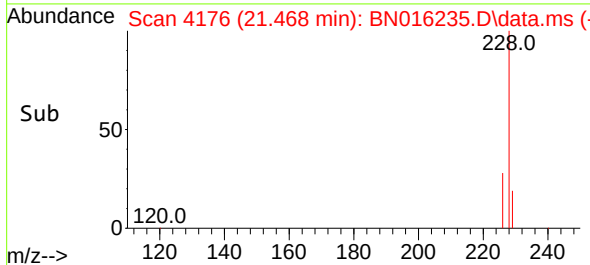
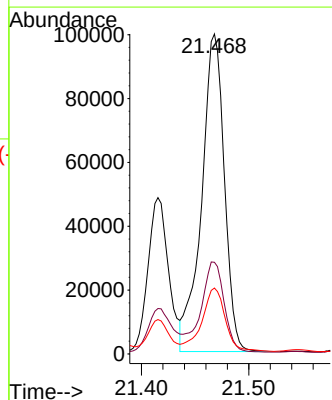
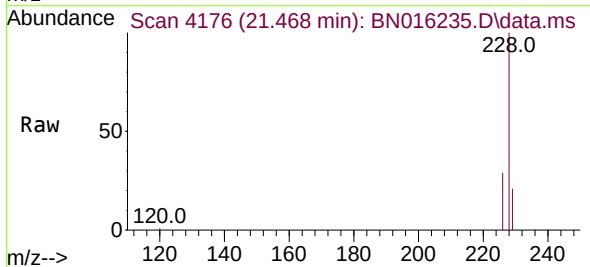
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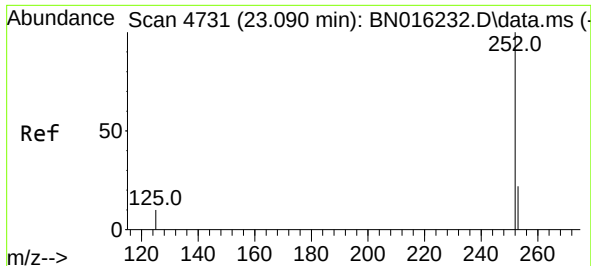
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#22
Chrysene
Concen: 3.081 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. 0.003 min
Lab File: BN016235.D
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Tgt Ion:228 Resp: 146878
Ion Ratio Lower Upper
228 100
226 28.7 23.2 34.8
229 20.6 15.6 23.4





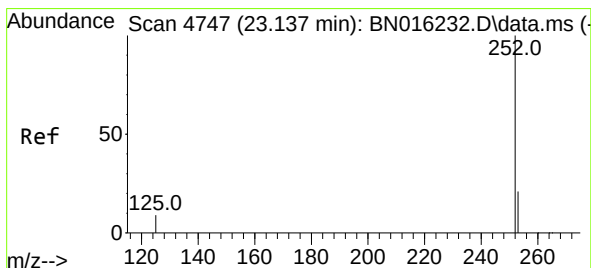
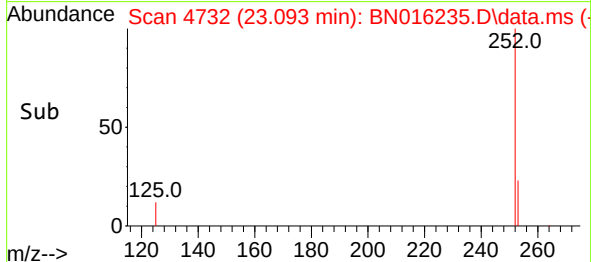
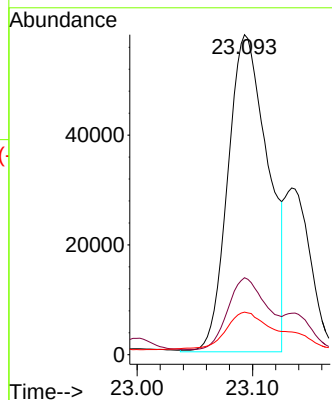
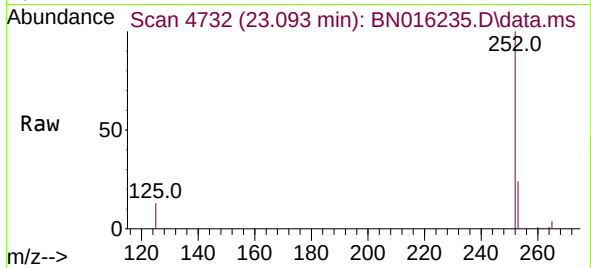
#24
Benzo(b)fluoranthene
Concen: 2.658 ng/ul m
RT: 23.093 min Scan# 4732
Delta R.T. 0.003 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51

Tgt Ion:252 Resp: 139375
Ion Ratio Lower Upper
252 100
253 24.0 0.0 49.4
125 13.3 0.0 27.0

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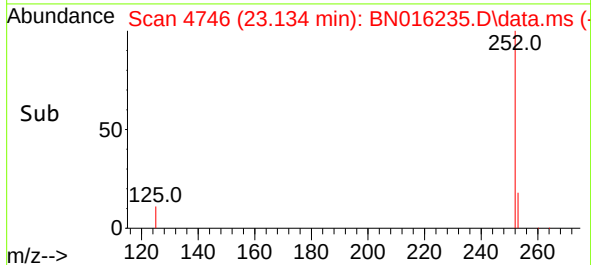
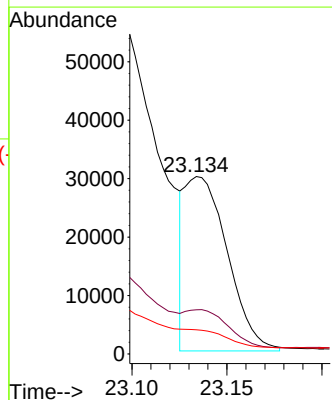
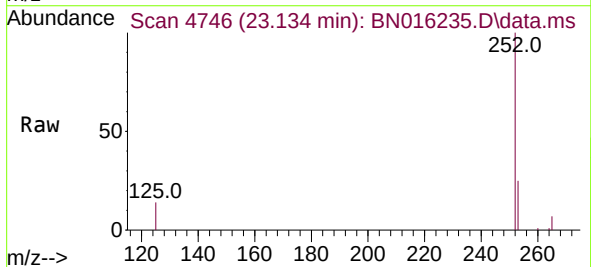
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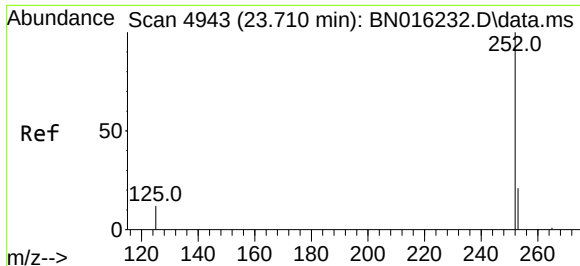
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#25
Benzo(k)fluoranthene
Concen: 0.882 ng/ul m
RT: 23.134 min Scan# 4746
Delta R.T. -0.003 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51

Tgt Ion:252 Resp: 46520
Ion Ratio Lower Upper
252 100
253 24.9 19.4 29.0
125 13.7 10.9 16.3





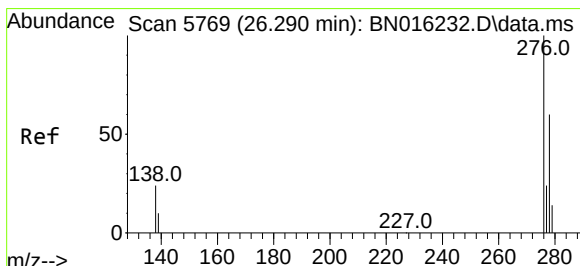
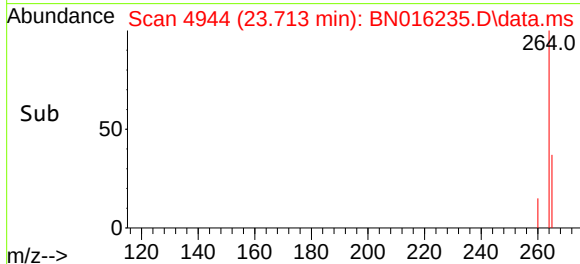
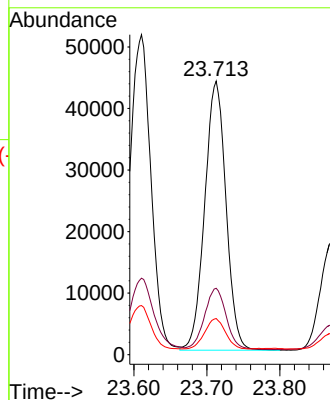
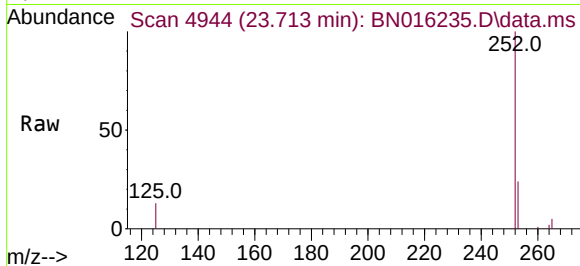
#26
Benzo(a)pyrene
Concen: 1.993 ng/ul
RT: 23.713 min Scan# 4944
Delta R.T. 0.003 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51

Tgt Ion:	252	Resp:	88661
Ion Ratio	Lower	Upper	
252	100		
253	24.3	20.2	30.2
125	13.2	12.6	18.8

Instrument :
BNA_N
ClientSampleId :
C0AZ4DL

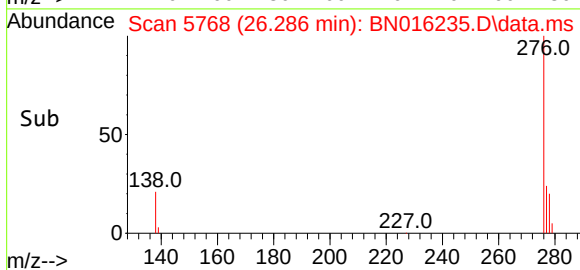
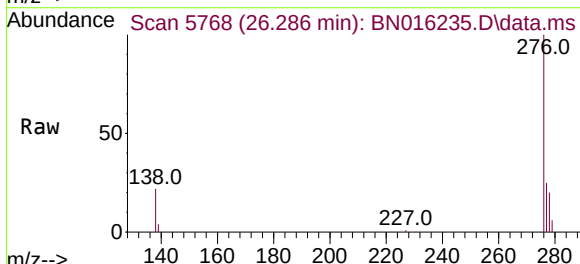
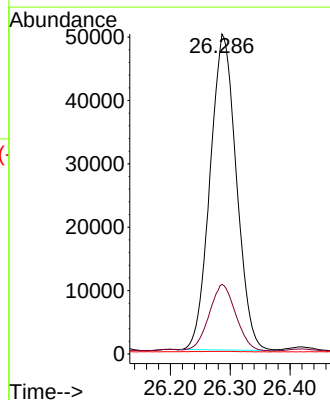
Manual Integrations
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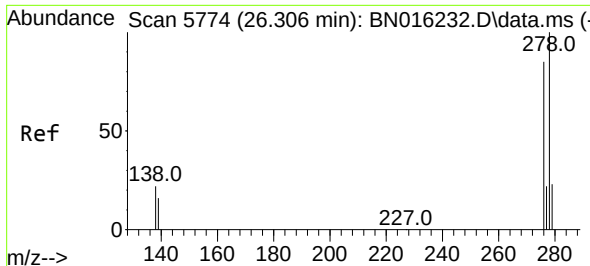
mohammad
9/8/2021 6:59:55 AM



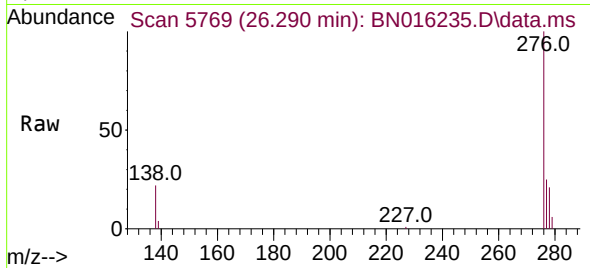
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.649 ng/ul
RT: 26.286 min Scan# 5768
Delta R.T. -0.003 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51

Tgt Ion:	276	Resp:	152264
Ion Ratio	Lower	Upper	
276	100		
138	21.5	22.7	34.1#
227	0.2	0.2	0.2

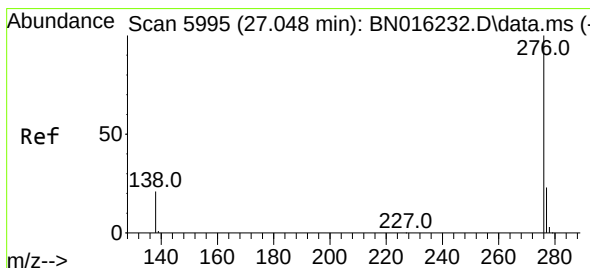
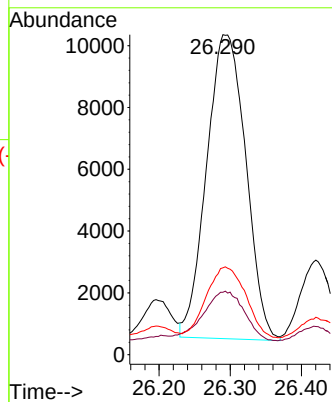
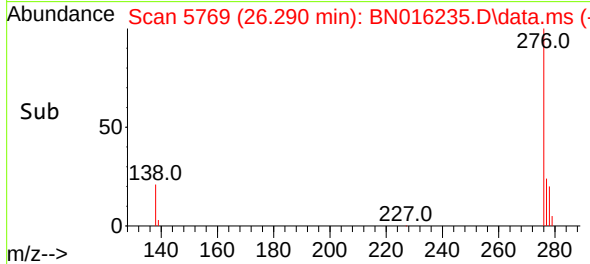




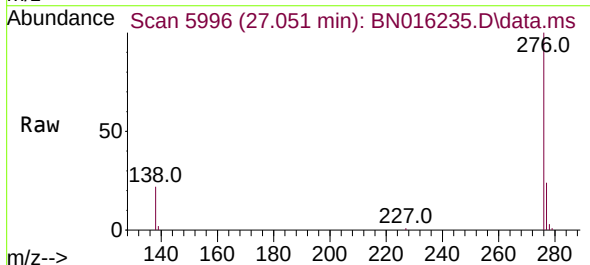
#28
Dibenzo(a,h)anthracene
Concen: 0.795 ng/ul
RT: 26.290 min Scan# 5769
Delta R.T. -0.017 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51



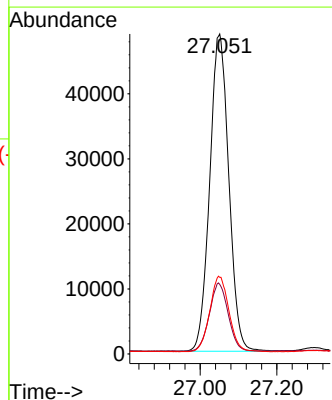
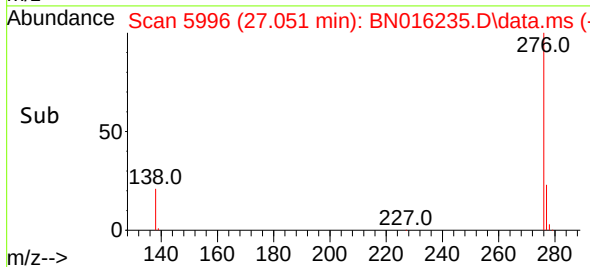
Tgt Ion: 278 Resp: 37640
Ion Ratio Lower Upper
278 100
139 19.5 15.1 22.7
279 27.1 20.5 30.7



#29
Benzo(g,h,i)perylene
Concen: 3.381 ng/ul
RT: 27.051 min Scan# 5996
Delta R.T. 0.003 min
Lab File: BN016235.D
Acq: 07 Sep 2021 13:51



Tgt Ion: 276 Resp: 168668
Ion Ratio Lower Upper
276 100
138 21.8 19.3 28.9
277 23.9 19.8 29.8



Instrument :
BNA_N
ClientSampleId :
C0AZ4DL

Manual Integrations
APPROVED

mohammad
9/8/2021 6:59:55 AM