

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016164.D
 Acq On : 03 Sep 2021 08:01
 Operator : CG/JU
 Sample : M3472-02DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0DL

Manual Integrations
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mohammad
 9/7/2021 11:32:20 AM

Quant Time: Sep 03 08:51:28 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	7.863	152	2959	0.400	ng/ul	0.00
4) Naphthalene-d8	10.661	136	12089	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	7369	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.251	188	15098	0.400	ng/ul	0.00
17) Chrysene-d12	21.438	240	15523	0.400	ng/ul	0.00
23) Perylene-d12	23.832	264	15204	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	1755	0.510	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	642	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.281	212	1866	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.710	128	16765	0.521	ng/ul	100
7) 2-Methylnaphthalene	12.327	142	14389	0.685	ng/ul	100
8) 1-Methylnaphthalene	12.547	142	11786	0.562	ng/ul	100
10) Acenaphthylene	14.220	152	5025	0.180	ng/ul#	94
12) Fluorene	15.553	166	975	0.037	ng/ul#	79
15) Phenanthrene	17.294	178	26641	0.612	ng/ul	99
16) Anthracene	17.382	178	3320	0.088	ng/ul	95
19) Fluoranthene	19.309	202	15633	0.302	ng/ul	99
20) Pyrene	19.672	202	23622	0.451	ng/ul	97
21) Benzo(a)anthracene	21.424	228	15142m	0.319	ng/ul	
22) Chrysene	21.476	228	19460	0.363	ng/ul	96
24) Benzo(b)fluoranthene	23.107	252	21270m	0.372	ng/ul	
25) Benzo(k)fluoranthene	23.145	252	6508m	0.113	ng/ul	
26) Benzo(a)pyrene	23.727	252	14920	0.307	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.309	276	8844	0.141	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.316	278	3085	0.060	ng/ul#	49
29) Benzo(g,h,i)perylene	27.070	276	9879	0.181	ng/ul	92

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

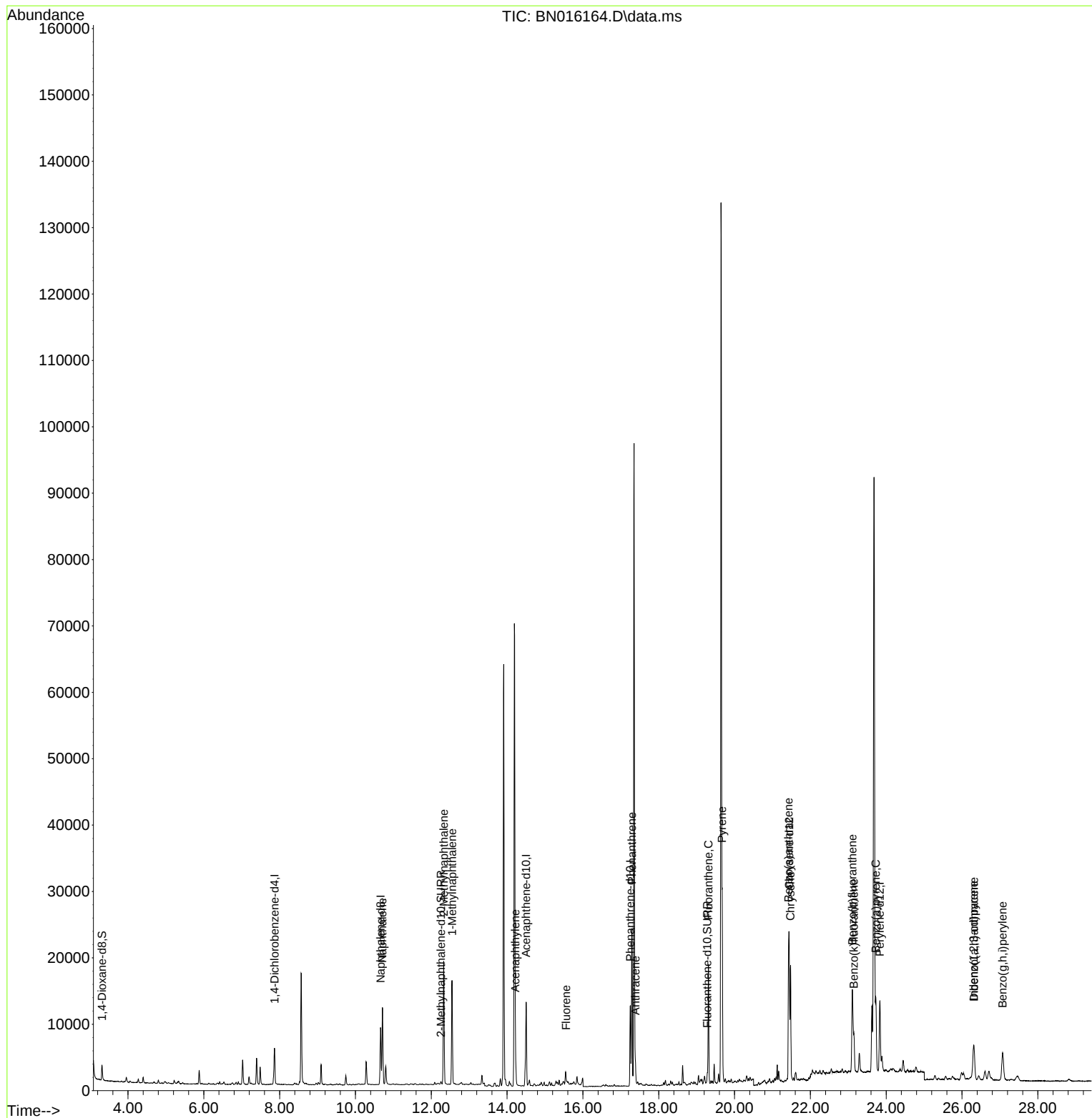
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Data File : BN016164.D
Acq On : 03 Sep 2021 08:01
Operator : CG/JU
Sample : M3472-02DL 5X
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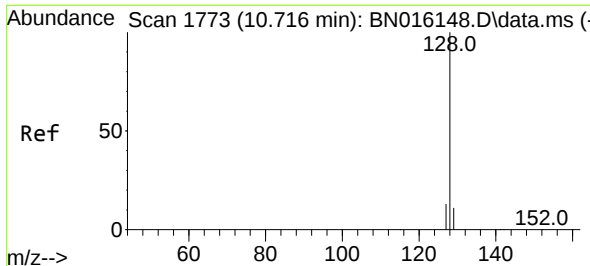
Instrument :
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ClientSampleId :
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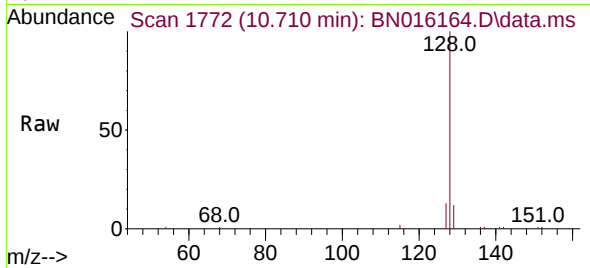
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Quant Time: Sep 03 08:51:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

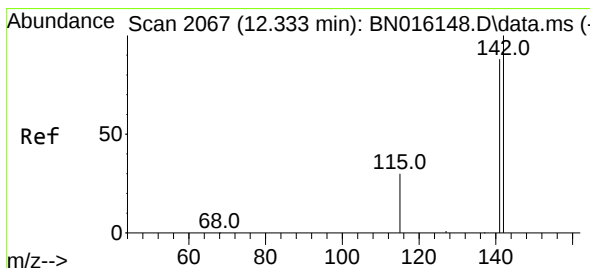
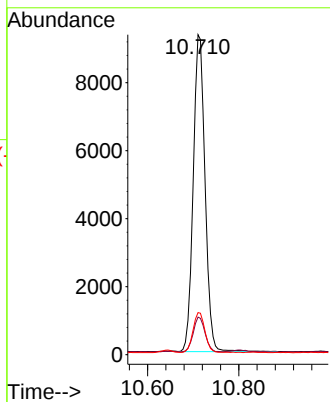
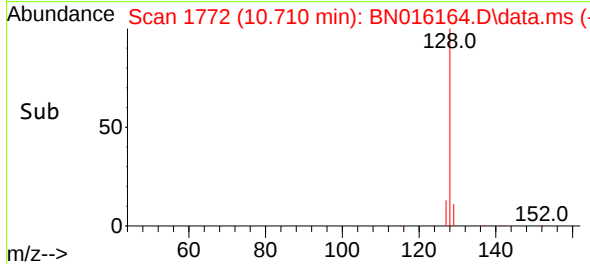




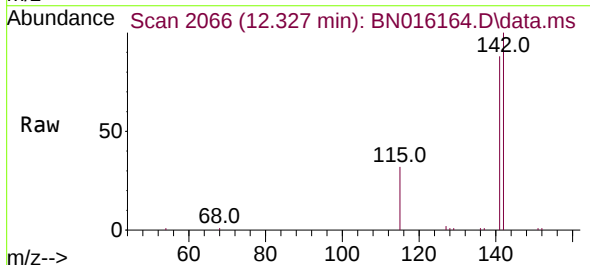
#5
Naphthalene
Concen: 0.521 ng/ul
RT: 10.710 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BN016164.D
Acq: 03 Sep 2021 08:01



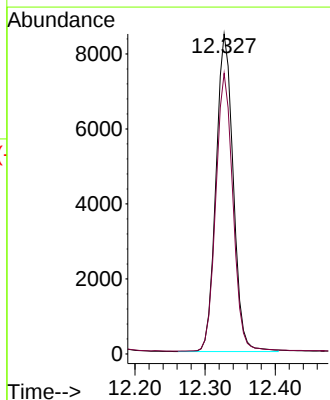
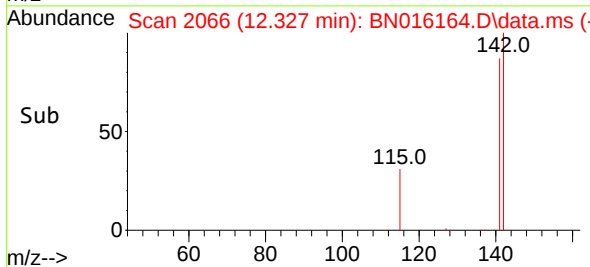
Tgt Ion:128 Resp: 16765
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 13.2 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.685 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016164.D
Acq: 03 Sep 2021 08:01



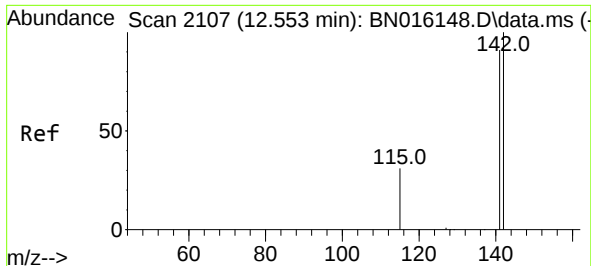
Tgt Ion:142 Resp: 14389
Ion Ratio Lower Upper
142 100
141 87.1 69.5 104.3



Instrument :
BNA_N
ClientSampleId :
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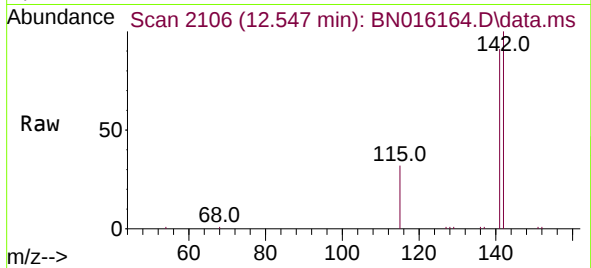
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#8
1-Methylnaphthalene
Concen: 0.562 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016164.D
Acq: 03 Sep 2021 08:01

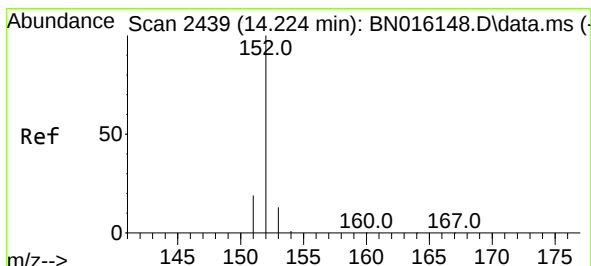
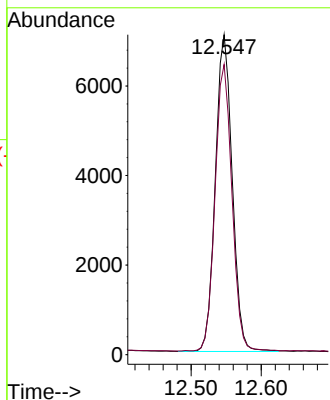
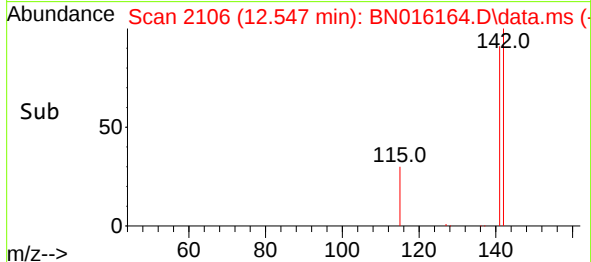
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ClientSampleID :
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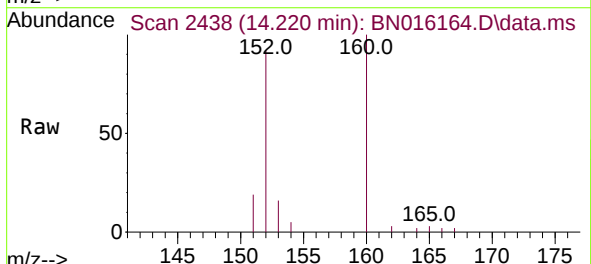
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Ion Ratio Lower Upper
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141 90.5 72.2 108.4

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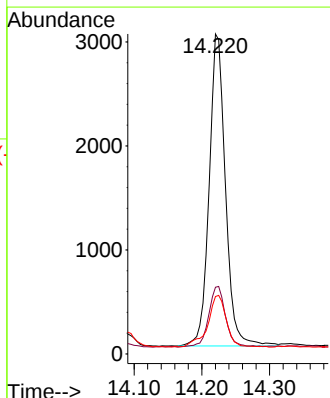
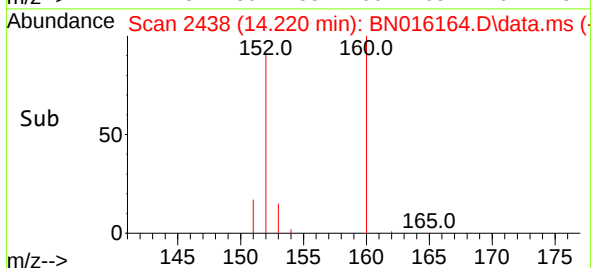
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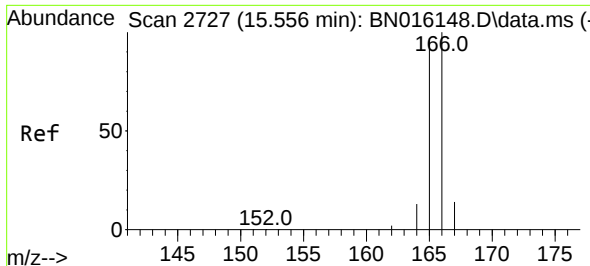


#10
Acenaphthylene
Concen: 0.180 ng/ul
RT: 14.220 min Scan# 2438
Delta R.T. 0.001 min
Lab File: BN016164.D
Acq: 03 Sep 2021 08:01



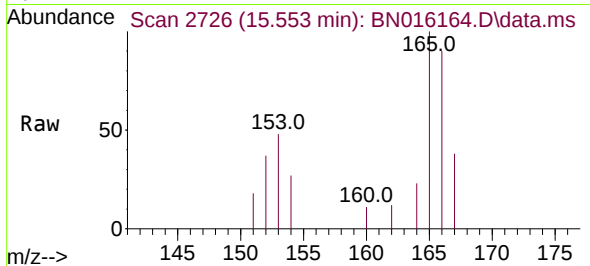
Tgt Ion:152 Resp: 5025
Ion Ratio Lower Upper
152 100
151 20.9 15.8 23.6
153 17.9 11.2 16.8#





#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.553 min Scan# 2726
Delta R.T. 0.001 min
Lab File: BN016164.D
Acq: 03 Sep 2021 08:01

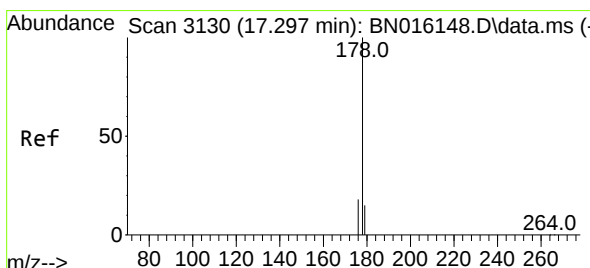
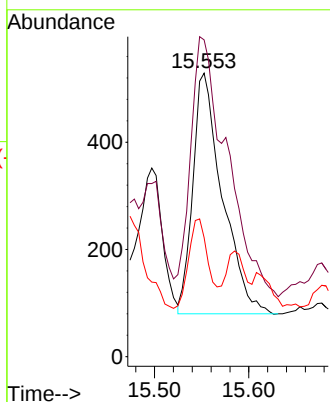
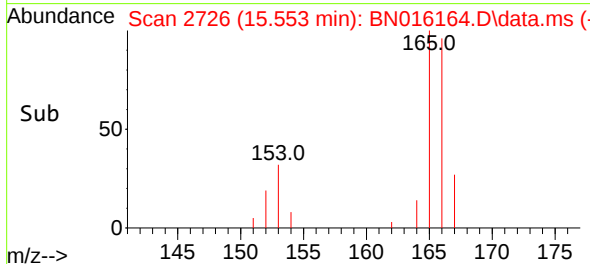
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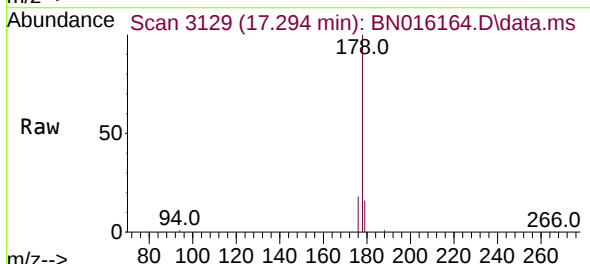
Tgt Ion:166 Resp: 975
Ion Ratio Lower Upper
166 100
165 111.7 77.9 116.9
167 42.0 11.8 17.8#

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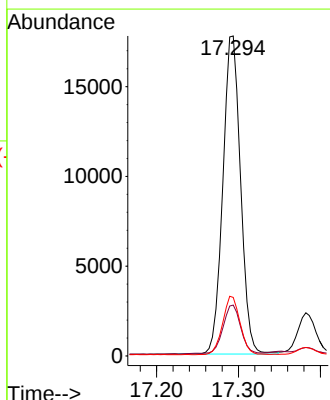
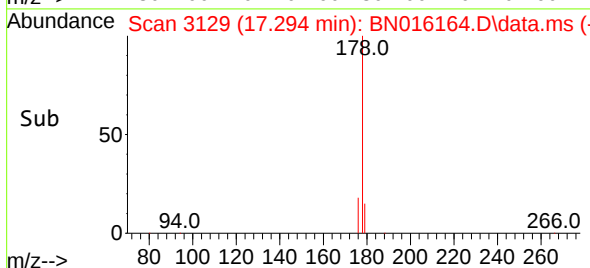
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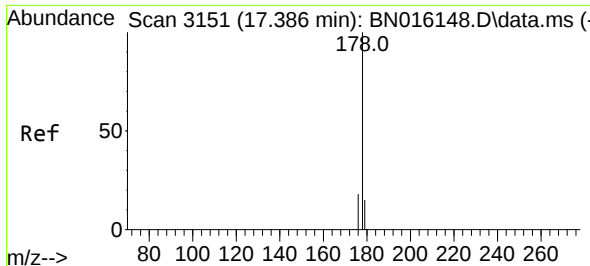


#15
Phenanthrene
Concen: 0.612 ng/ul
RT: 17.294 min Scan# 3129
Delta R.T. 0.001 min
Lab File: BN016164.D
Acq: 03 Sep 2021 08:01



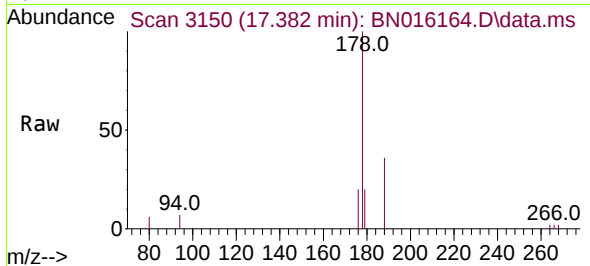
Tgt Ion:178 Resp: 26641
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 18.3 15.2 22.8





#16
 Anthracene
 Concen: 0.088 ng/ul
 RT: 17.382 min Scan# 3150
 Delta R.T. 0.001 min
 Lab File: BN016164.D
 Acq: 03 Sep 2021 08:01

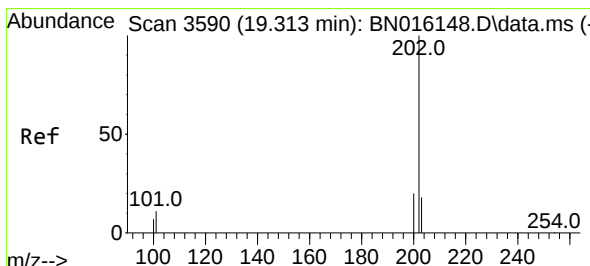
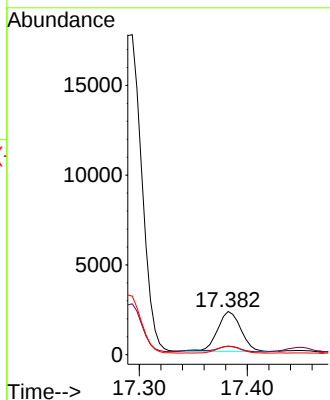
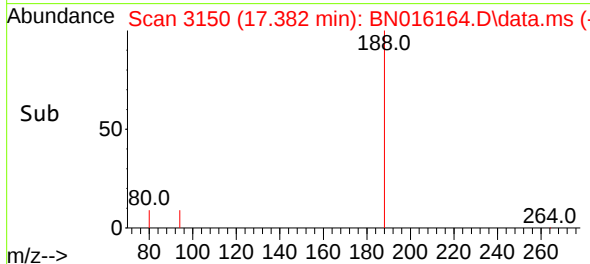
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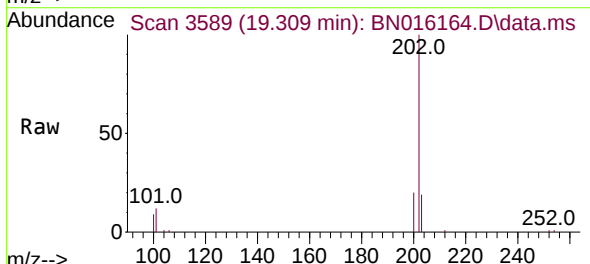
Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.6	13.3	19.9
176	19.6	14.9	22.3

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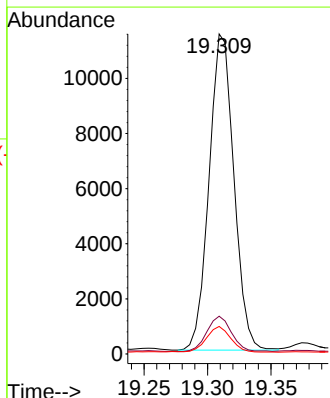
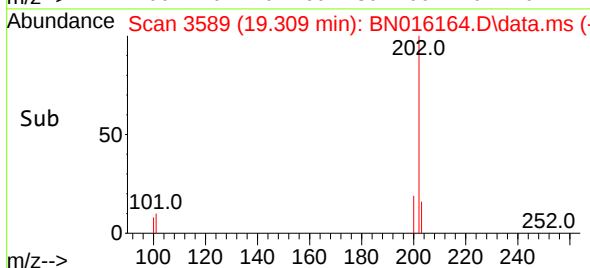
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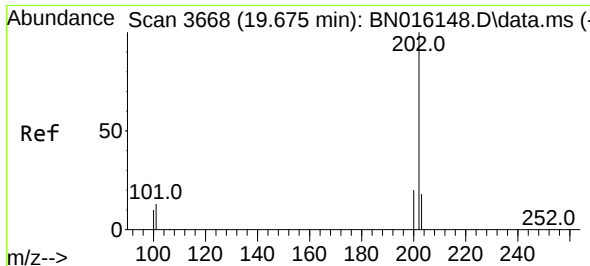


#19
 Fluoranthene
 Concen: 0.302 ng/ul
 RT: 19.309 min Scan# 3589
 Delta R.T. -0.004 min
 Lab File: BN016164.D
 Acq: 03 Sep 2021 08:01

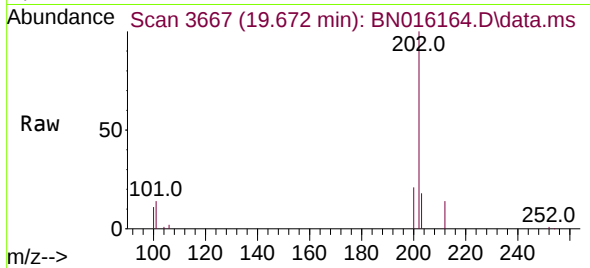


Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.2	13.8
100	8.6	6.7	10.1

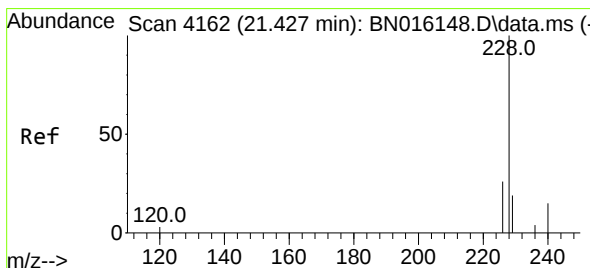
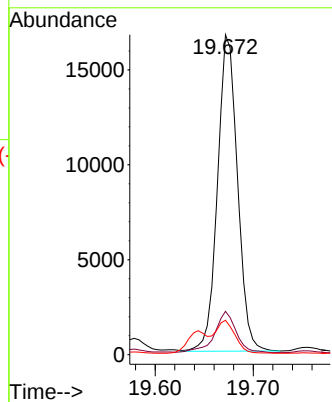
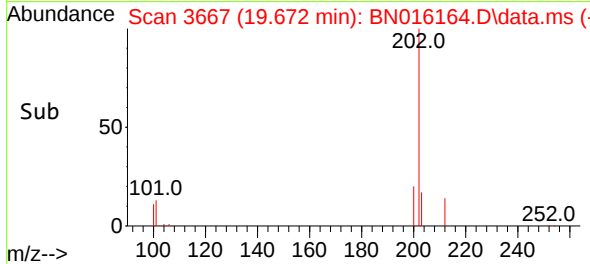




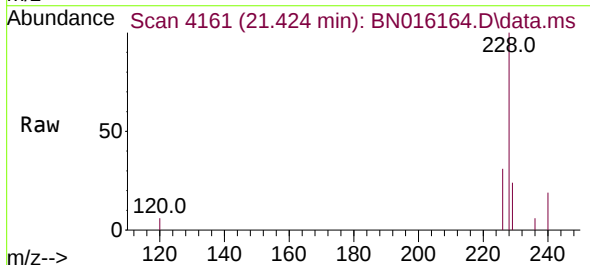
#20
Pyrene
Concen: 0.451 ng/ul
RT: 19.672 min Scan# 3667
Delta R.T. -0.004 min
Lab File: BN016164.D
Acq: 03 Sep 2021 08:01



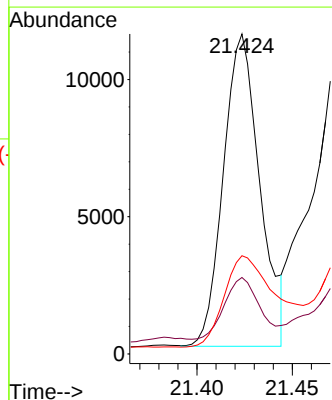
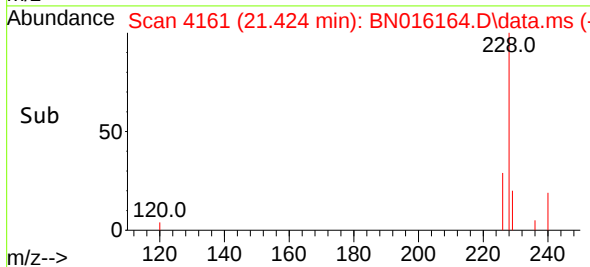
Tgt Ion:202 Resp: 23622
Ion Ratio Lower Upper
202 100
101 13.5 11.5 17.3
100 10.7 9.8 14.8



#21
Benzo(a)anthracene
Concen: 0.319 ng/ul m
RT: 21.424 min Scan# 4161
Delta R.T. -0.001 min
Lab File: BN016164.D
Acq: 03 Sep 2021 08:01



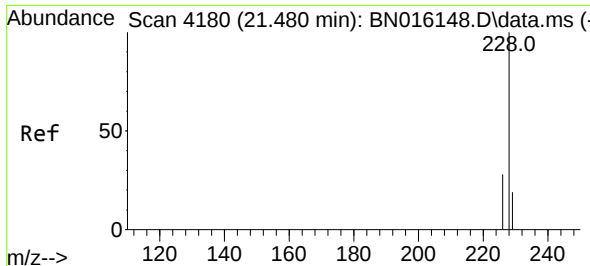
Tgt Ion:228 Resp: 15142
Ion Ratio Lower Upper
228 100
229 23.9 15.7 23.5#
226 30.7 20.8 31.2



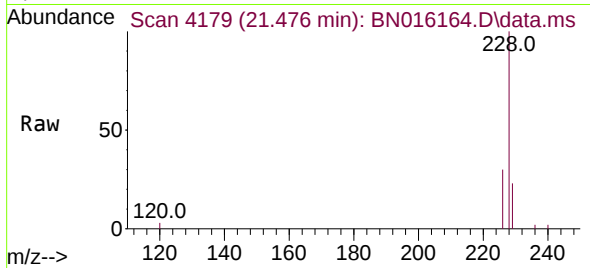
Instrument :
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ClientSampleId :
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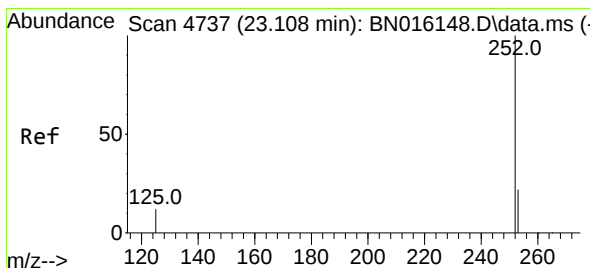
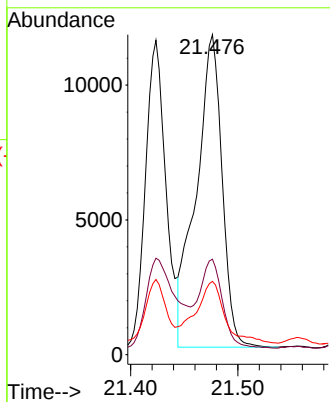
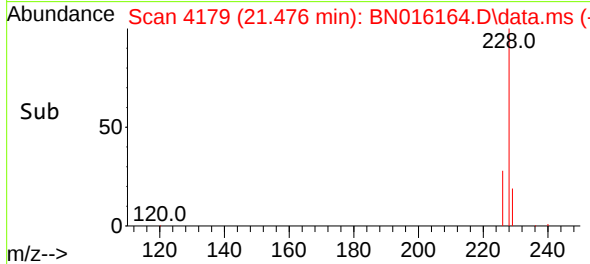
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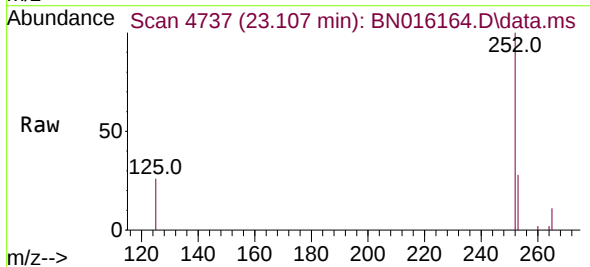
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Chrysene
Concen: 0.363 ng/ul
RT: 21.476 min Scan# 4179
Delta R.T. -0.001 min
Lab File: BN016164.D
Acq: 03 Sep 2021 08:01



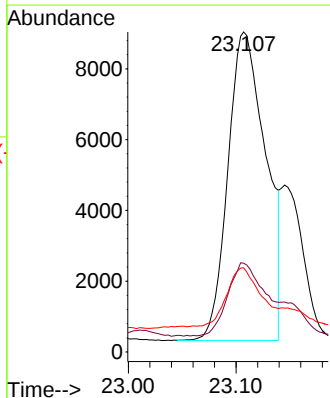
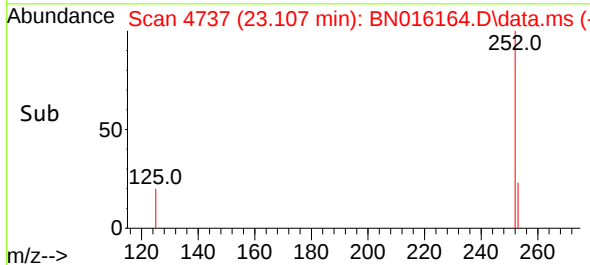
Tgt Ion:228 Resp: 19460
Ion Ratio Lower Upper
228 100
226 29.8 23.2 34.8
229 22.9 15.6 23.4



#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul m
RT: 23.107 min Scan# 4737
Delta R.T. 0.002 min
Lab File: BN016164.D
Acq: 03 Sep 2021 08:01



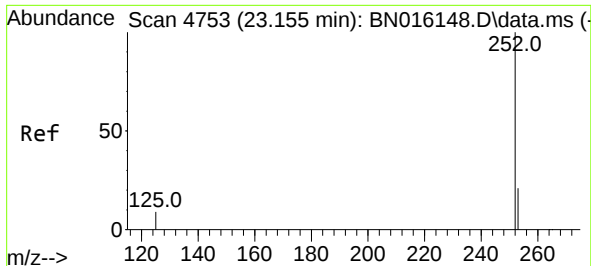
Tgt Ion:252 Resp: 21270
Ion Ratio Lower Upper
252 100
253 27.8 0.0 49.4
125 26.3 0.0 27.0



Instrument :
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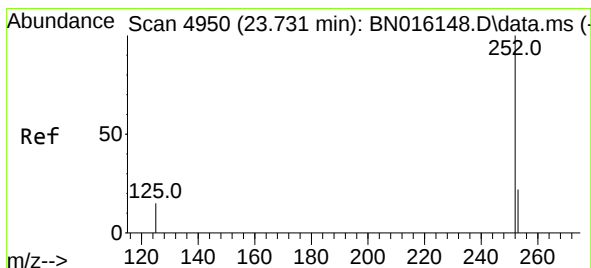
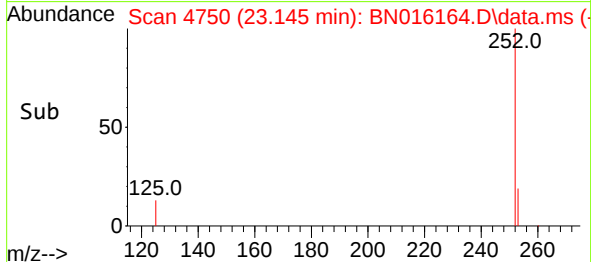
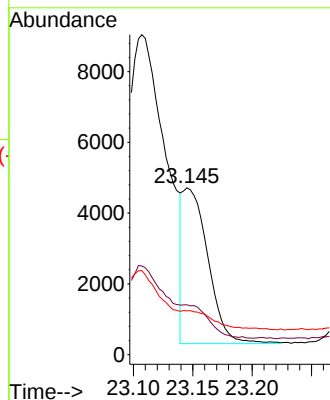
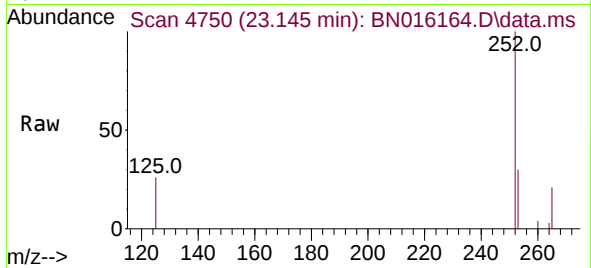
#25
Benzo(k)fluoranthene
Concen: 0.113 ng/ul m
RT: 23.145 min Scan# 4750
Delta R.T. -0.010 min
Lab File: BN016164.D
Acq: 03 Sep 2021 08:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.9	19.4	29.0#
125	26.3	10.9	16.3#

Instrument :
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ClientSampleId :
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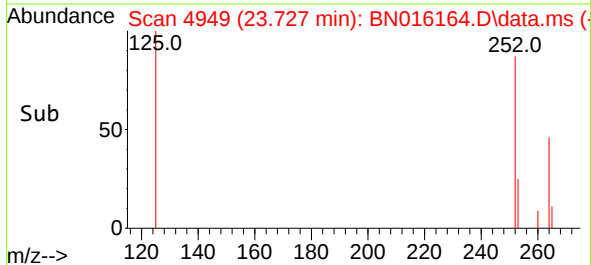
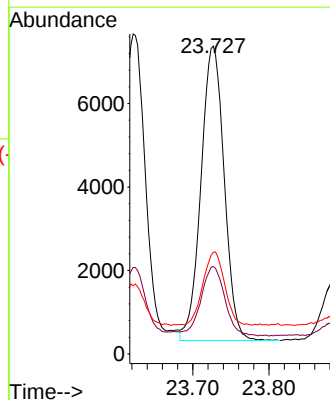
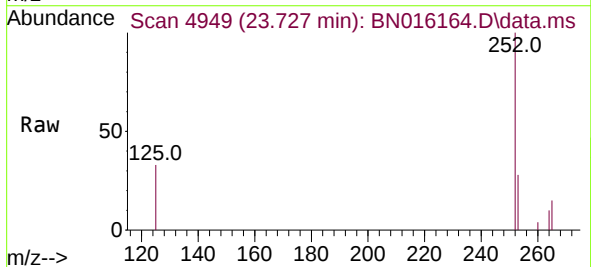
Manual Integrations
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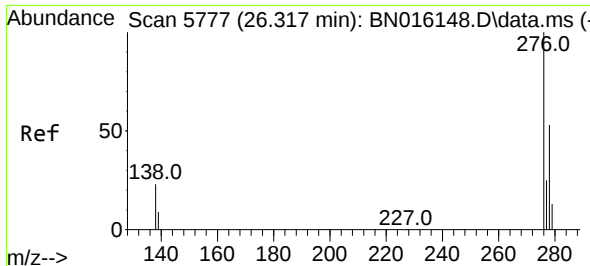
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#26
Benzo(a)pyrene
Concen: 0.307 ng/ul
RT: 23.727 min Scan# 4949
Delta R.T. -0.004 min
Lab File: BN016164.D
Acq: 03 Sep 2021 08:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	20.2	30.2
125	33.1	12.6	18.8#





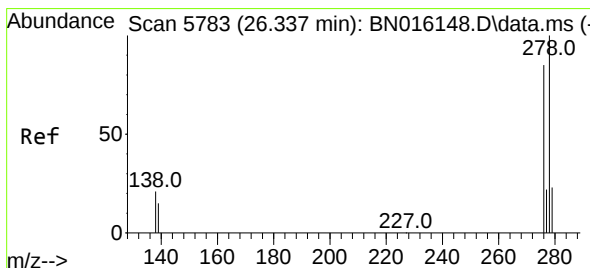
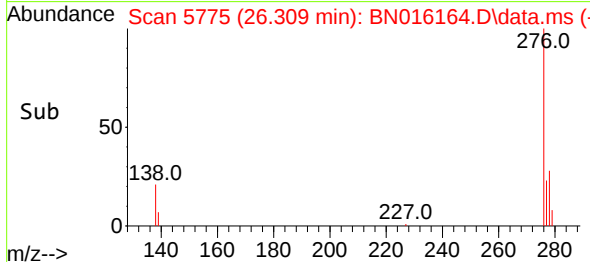
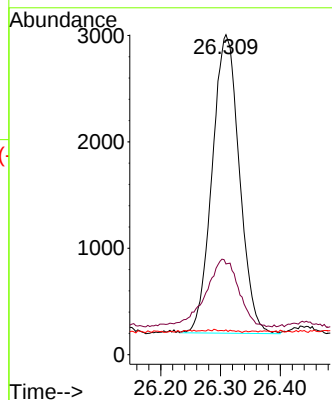
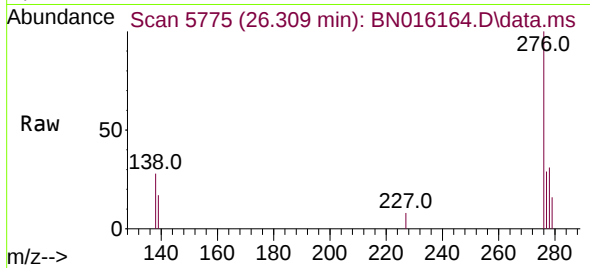
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.141 ng/ul
RT: 26.309 min Scan# 5775
Delta R.T. -0.008 min
Lab File: BN016164.D
Acq: 03 Sep 2021 08:01

Tgt Ion: 276 Resp: 8844
Ion Ratio Lower Upper
276 100
138 27.5 22.7 34.1
227 0.0 0.2 0.2#

Instrument :
BNA_N
ClientSampleId :
C0AC0DL

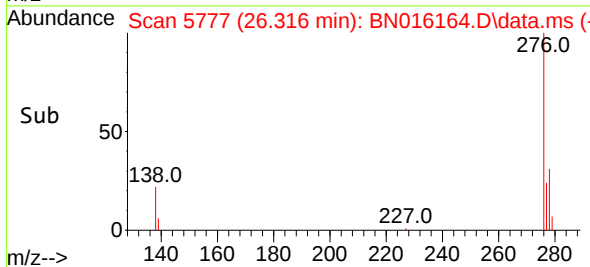
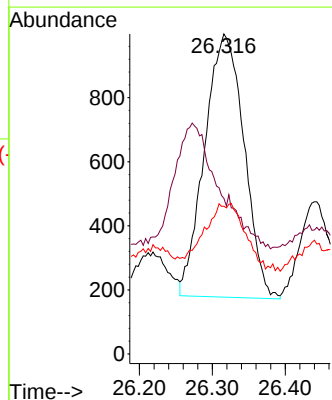
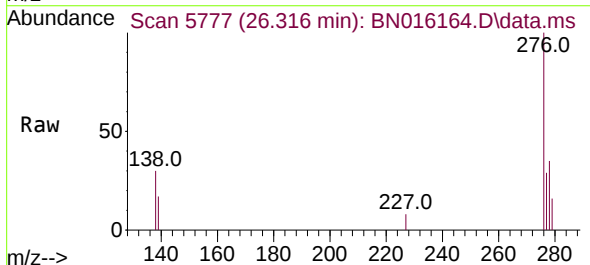
Manual Integrations
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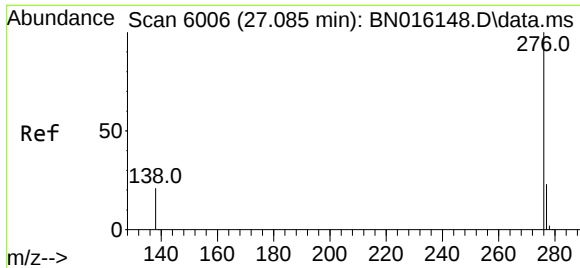
mohammad
9/7/2021 11:32:20 AM



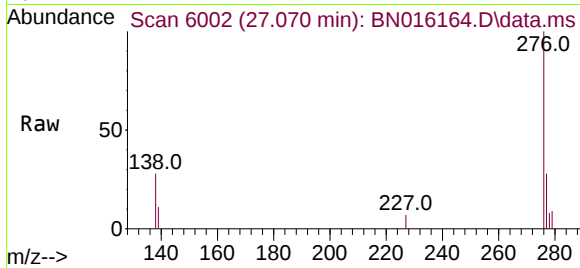
#28
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 26.316 min Scan# 5777
Delta R.T. -0.014 min
Lab File: BN016164.D
Acq: 03 Sep 2021 08:01

Tgt Ion: 278 Resp: 3085
Ion Ratio Lower Upper
278 100
139 48.6 15.1 22.7#
279 46.1 20.5 30.7#

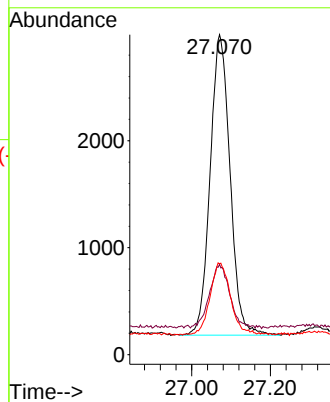
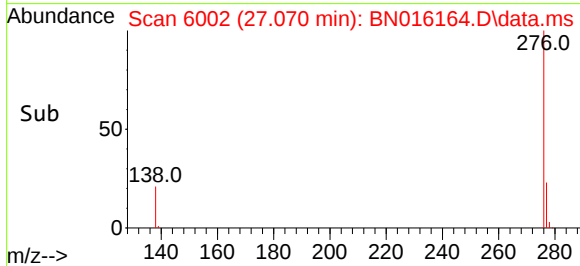




#29
 Benzo(g,h,i)perylene
 Concen: 0.181 ng/ul
 RT: 27.070 min Scan# 6002
 Delta R.T. -0.004 min
 Lab File: BN016164.D
 Acq: 03 Sep 2021 08:01



Tgt Ion:	276	Resp:	9879
Ion Ratio	Lower	Upper	
276	100		
138	28.2	19.3	28.9
277	28.4	19.8	29.8



Instrument :
 BNA_N
 ClientSampleId :
 C0AC0DL

Manual Integrations
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mohammad
 9/7/2021 11:32:20 AM