

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016102.D
 Acq On : 27 Aug 2021 12:13
 Operator : CG/JU
 Sample : M3458-17DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW8DL

Manual Integrations
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Quant Time: Aug 27 12:43:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 27 10:53:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1567	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	7001	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	4316	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	9120	0.400	ng/ul	0.00
17) Chrysene-d12	21.442	240	9170	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	8416	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	930	0.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	361	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.275	212	1014	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	5483	0.303	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	3582	0.293	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	3267	0.273	ng/ul	99
10) Acenaphthylene	14.219	152	16580	1.088	ng/ul	98
11) Acenaphthene	14.566	153	2279	0.173	ng/ul	99
12) Fluorene	15.551	166	5590	0.359	ng/ul	99
15) Phenanthrene	17.288	178	163406	6.494	ng/ul	98
16) Anthracene	17.377	178	21513	0.990	ng/ul	98
19) Fluoranthene	19.308	202	277670	9.691	ng/ul	98
20) Pyrene	19.671	202	217680	7.547	ng/ul	96
21) Benzo(a)anthracene	21.424	228	113823	3.987	ng/ul	98
22) Chrysene	21.477	228	124587	4.055	ng/ul	98
24) Benzo(b)fluoranthene	23.108	252	159144m	5.067	ng/ul	
25) Benzo(k)fluoranthene	23.146	252	53379m	1.687	ng/ul	
26) Benzo(a)pyrene	23.724	252	79248	3.001	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.296	276	63560	1.819	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.310	278	17412	0.592	ng/ul	100
29) Benzo(g,h,i)perylene	27.061	276	5040	0.167	ng/ul#	86

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

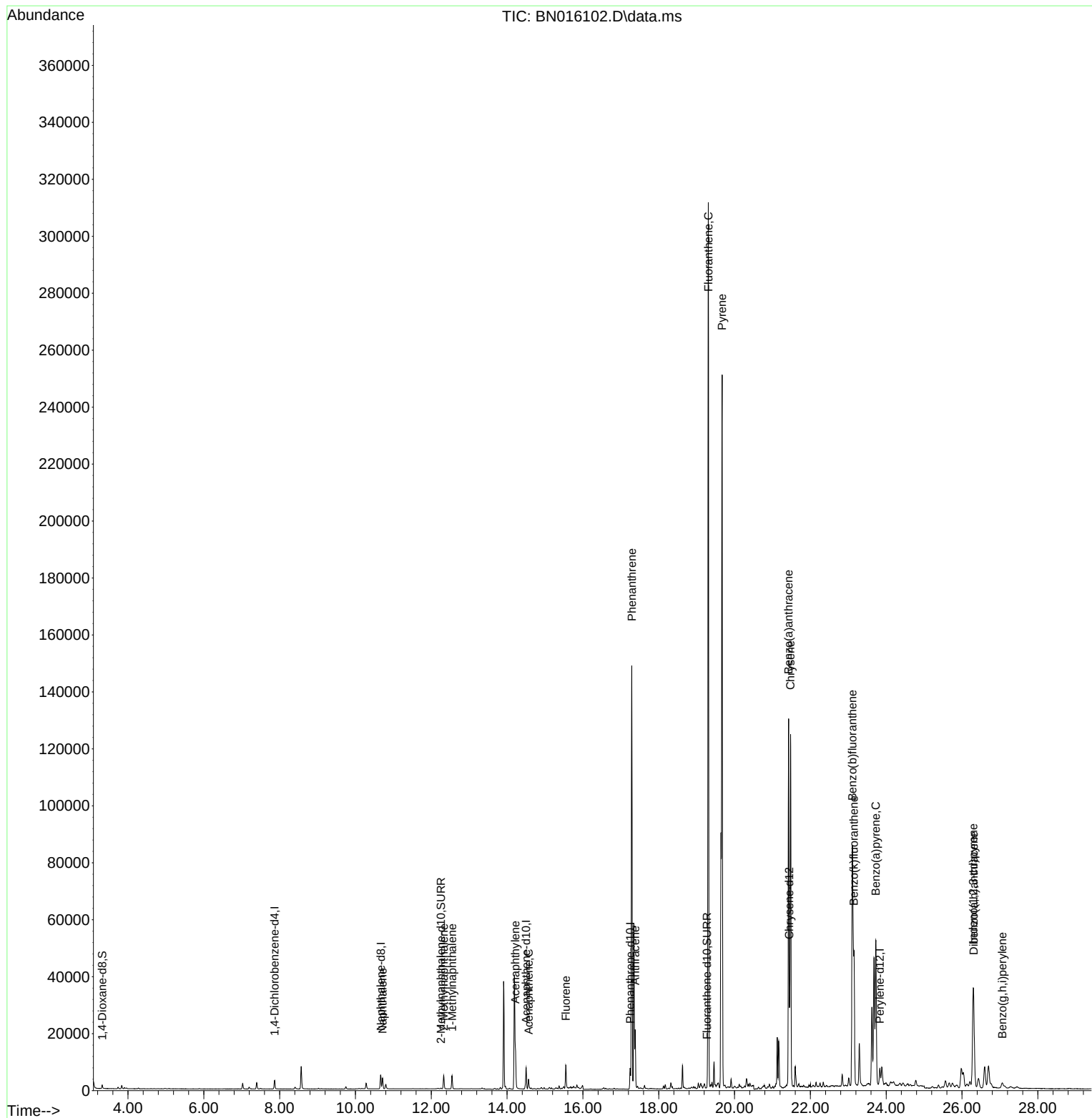
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Data File : BN016102.D
Acq On : 27 Aug 2021 12:13
Operator : CG/JU
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ALS Vial : 6 Sample Multiplier: 1

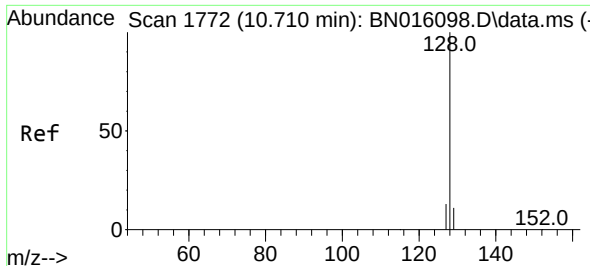
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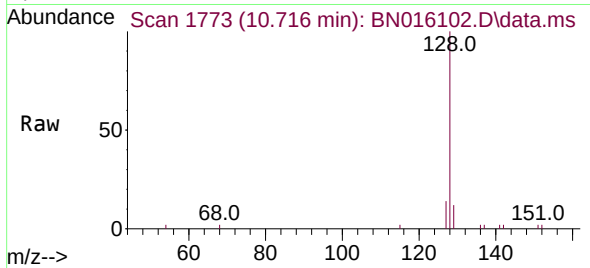
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Quant Time: Aug 27 12:43:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 27 10:53:37 2021
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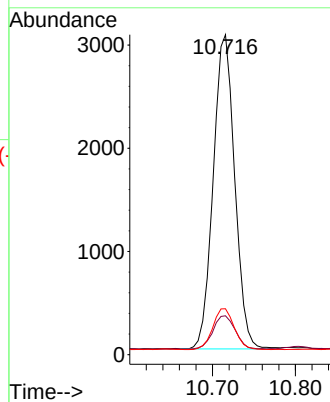
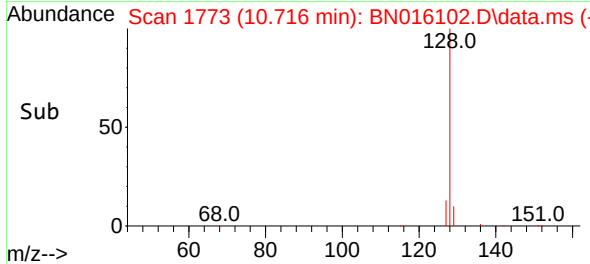




#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.005 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13



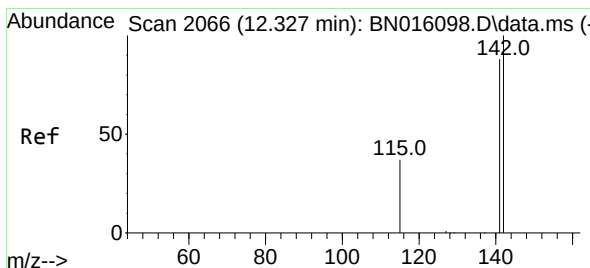
Tgt Ion:128 Resp: 5483
Ion Ratio Lower Upper
128 100
129 12.2 9.7 14.5
127 14.4 11.1 16.7



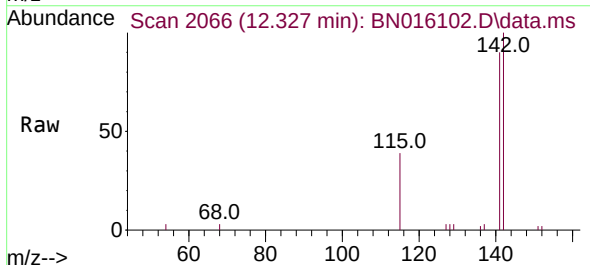
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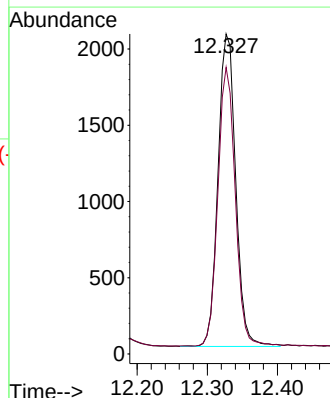
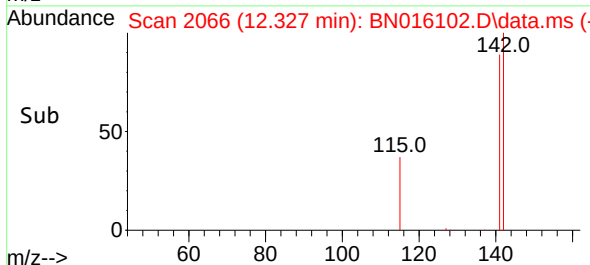
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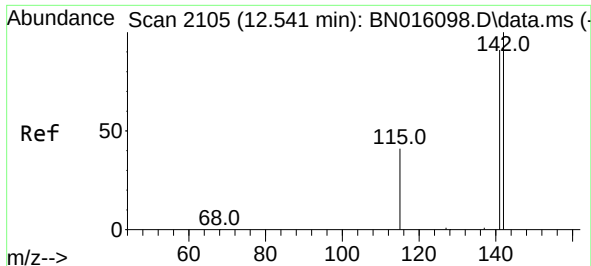


#7
2-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13



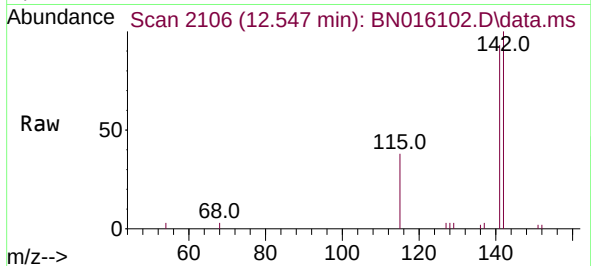
Tgt Ion:142 Resp: 3582
Ion Ratio Lower Upper
142 100
141 87.8 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.273 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.005 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13

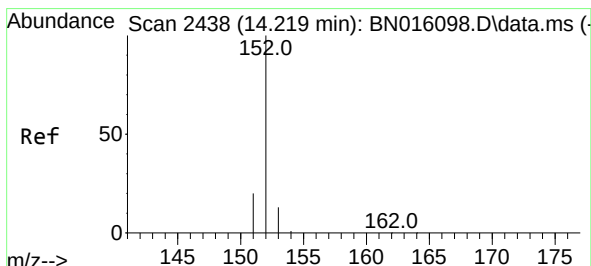
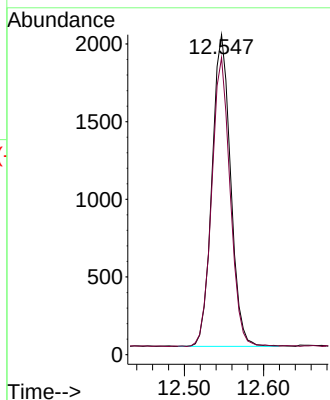
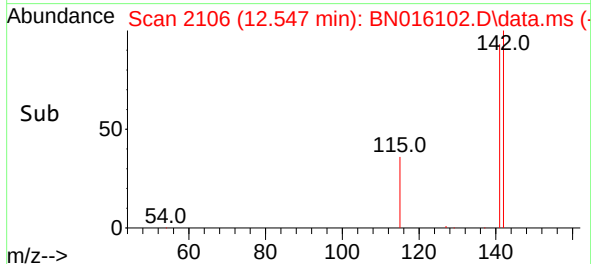
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ClientSampleID :
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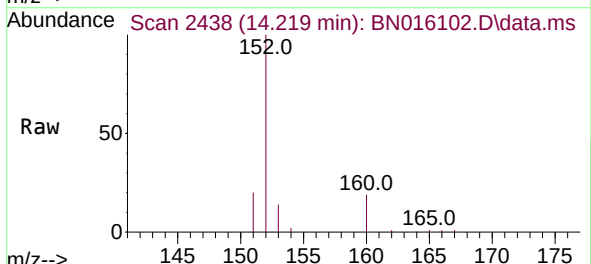
Tgt Ion:142 Resp: 3267
Ion Ratio Lower Upper
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141 92.0 72.8 109.2

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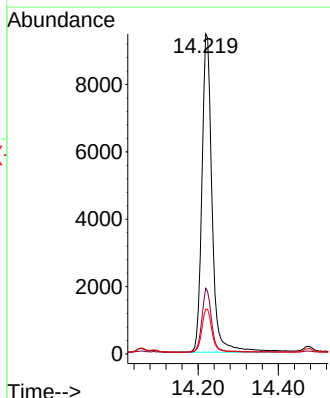
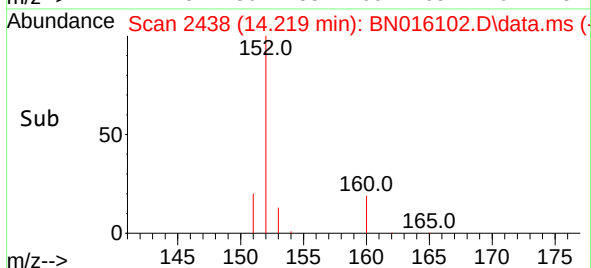
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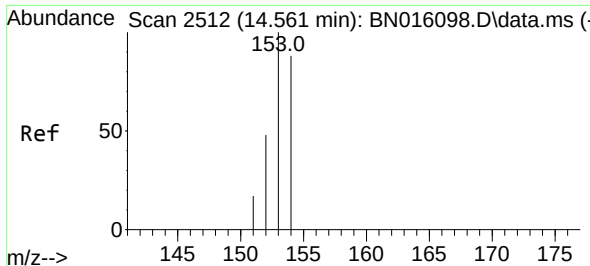


#10
Acenaphthylene
Concen: 1.088 ng/ul
RT: 14.219 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13



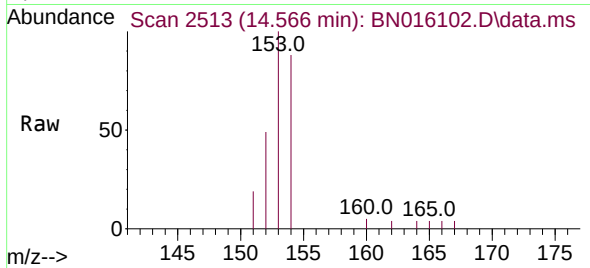
Tgt Ion:152 Resp: 16580
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.6
153 13.9 11.8 17.6



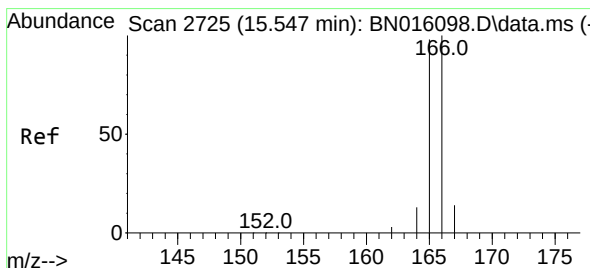
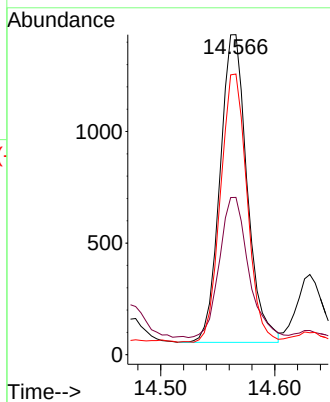
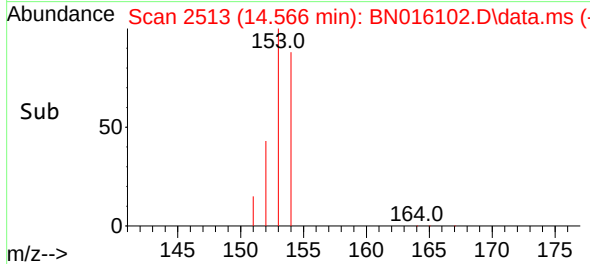


#11
Acenaphthene
Concen: 0.173 ng/u1
RT: 14.566 min Scan# 2513
Delta R.T. 0.005 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13

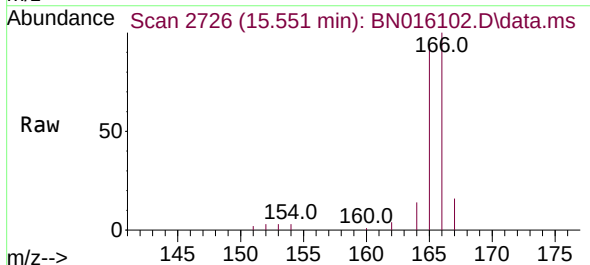
Instrument :
BNA_N
ClientSampleId :
C0AW8DL



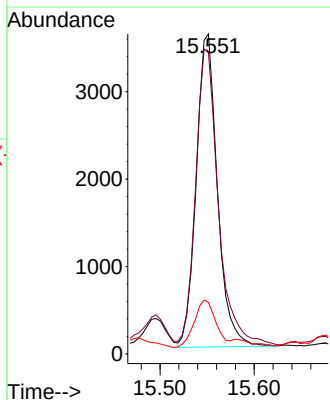
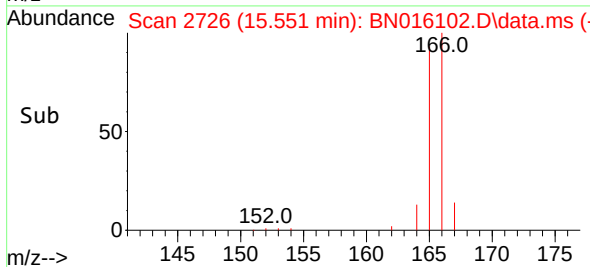
Tgt Ion:153 Resp: 2279
Ion Ratio Lower Upper
153 100
152 49.2 38.3 57.5
154 87.7 70.2 105.2

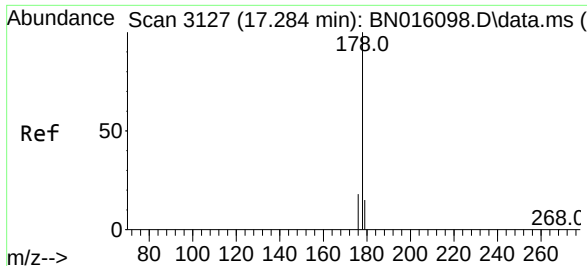


#12
Fluorene
Concen: 0.359 ng/u1
RT: 15.551 min Scan# 2726
Delta R.T. 0.005 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13



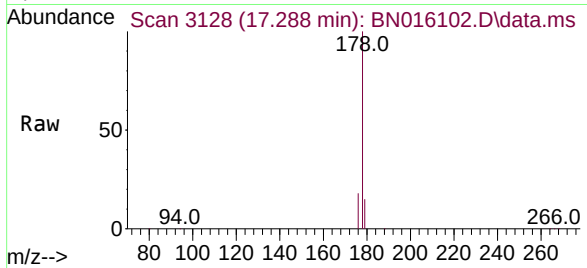
Tgt Ion:166 Resp: 5590
Ion Ratio Lower Upper
166 100
165 94.2 76.2 114.2
167 16.1 11.5 17.3





#15
Phenanthrene
Concen: 6.494 ng/u1
RT: 17.288 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13

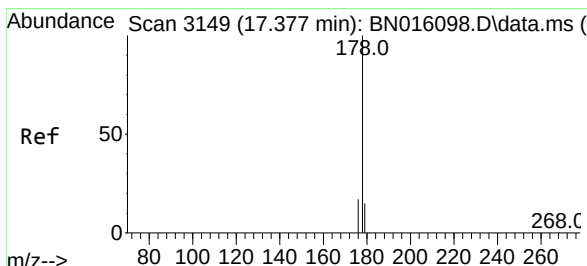
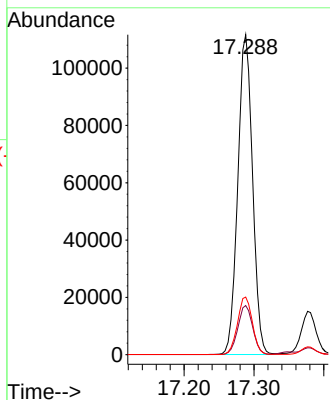
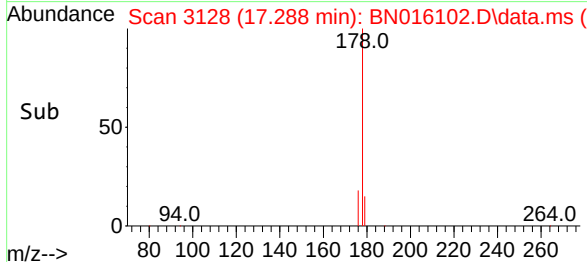
Instrument :
BNA_N
ClientSampled :
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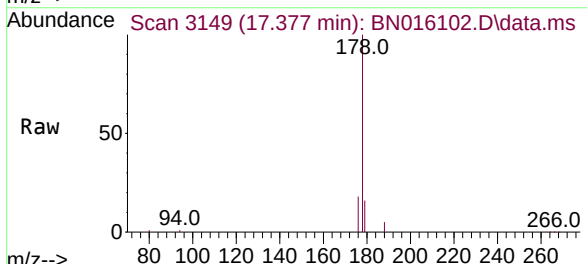
Tgt Ion:178 Resp: 163406
Ion Ratio Lower Upper
178 100
179 15.4 13.4 20.2
176 18.0 15.0 22.4

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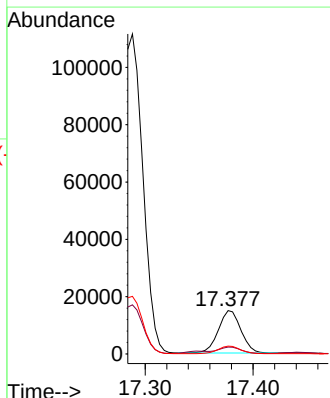
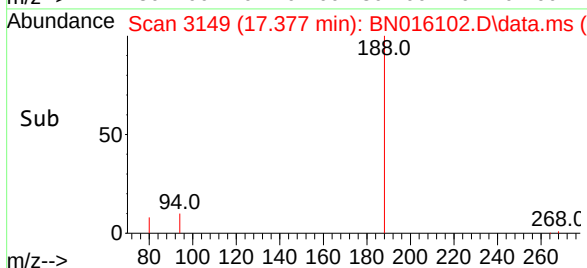
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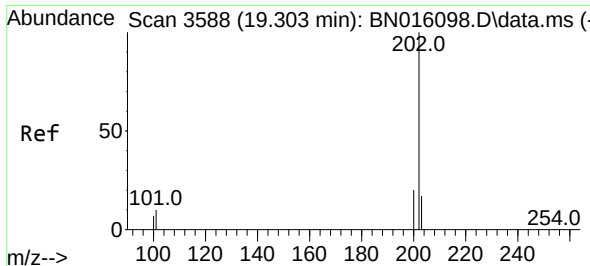


#16
Anthracene
Concen: 0.990 ng/u1
RT: 17.377 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13



Tgt Ion:178 Resp: 21513
Ion Ratio Lower Upper
178 100
179 15.8 13.4 20.0
176 18.1 14.9 22.3





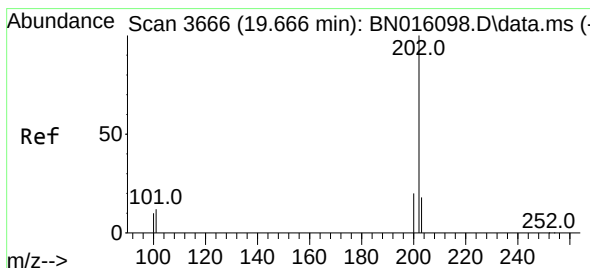
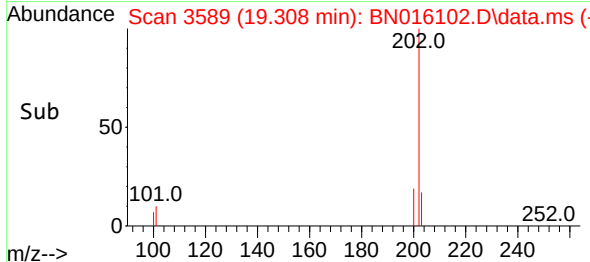
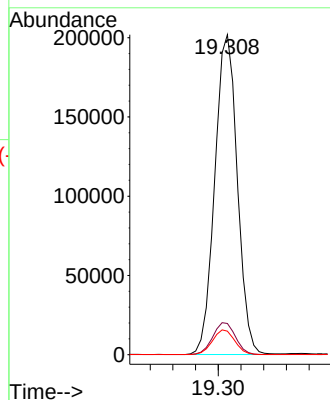
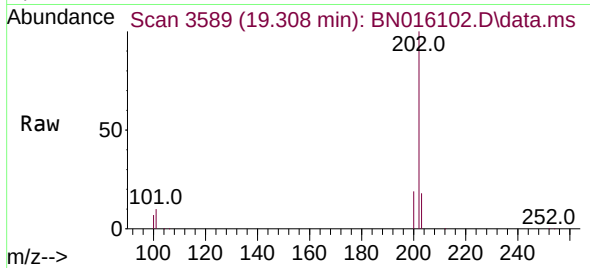
#19
Fluoranthene
Concen: 9.691 ng/u1
RT: 19.308 min Scan# 3589
Delta R.T. 0.005 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13

Tgt Ion:202 Resp: 277670
Ion Ratio Lower Upper
202 100
101 9.8 8.3 12.5
100 7.4 6.6 9.8

Instrument :
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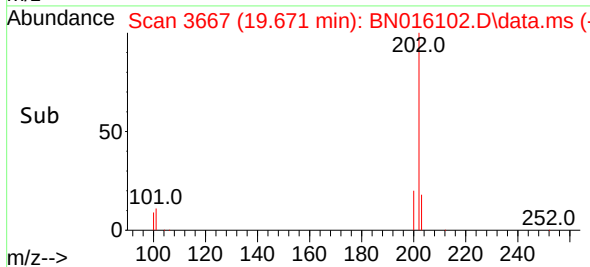
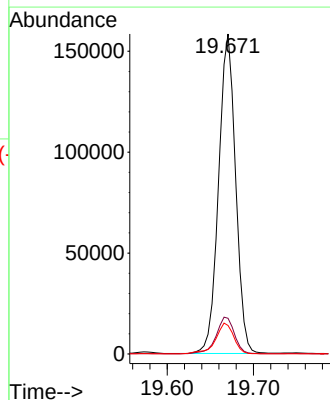
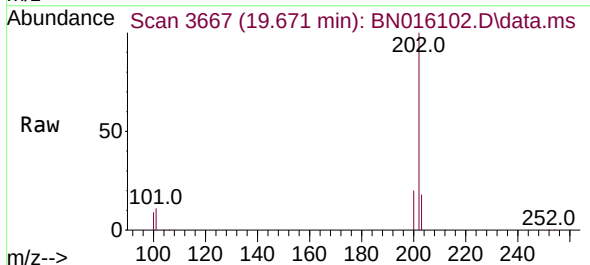
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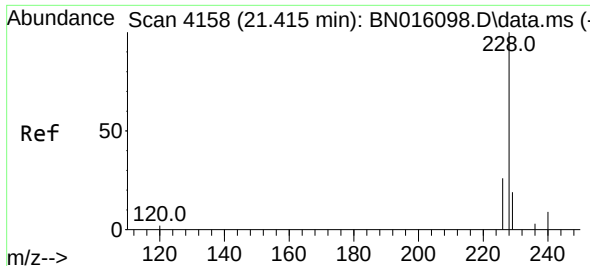
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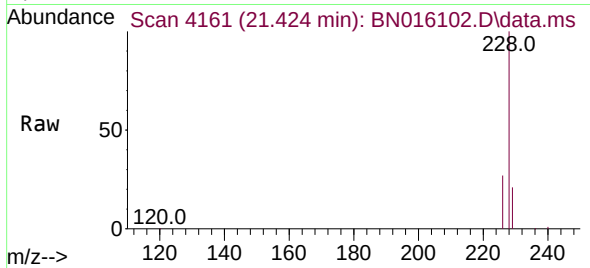
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Pyrene
Concen: 7.547 ng/u1
RT: 19.671 min Scan# 3667
Delta R.T. 0.005 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13

Tgt Ion:202 Resp: 217680
Ion Ratio Lower Upper
202 100
101 11.2 10.0 15.0
100 8.9 8.4 12.6

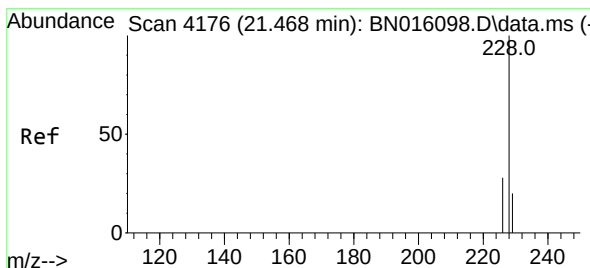
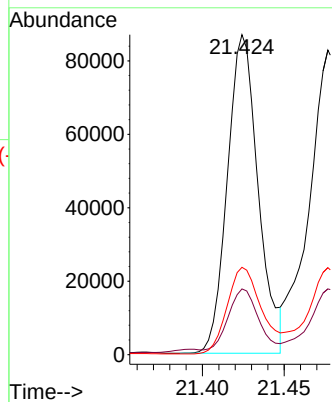
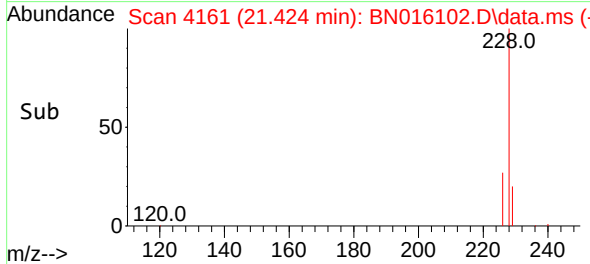




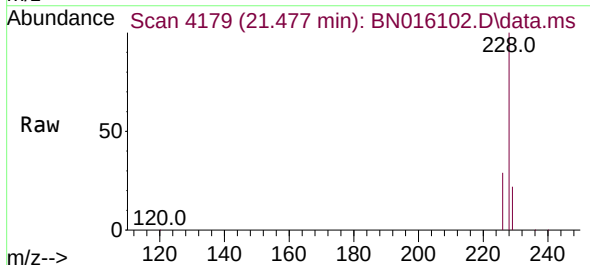
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Benzo(a)anthracene
Concen: 3.987 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. 0.009 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13



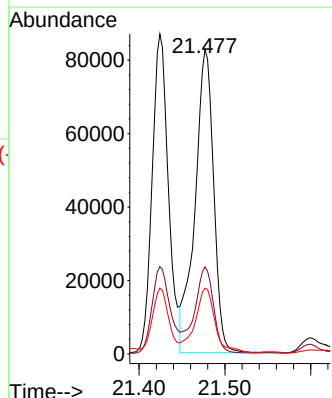
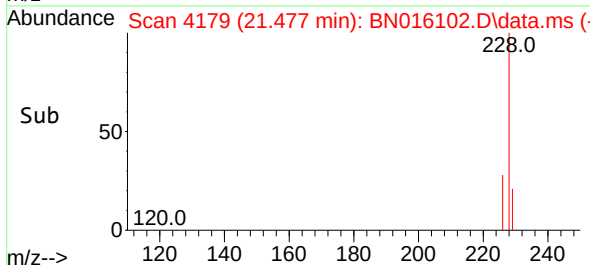
Tgt Ion:228 Resp: 113823
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 27.3 20.6 31.0



#22
Chrysene
Concen: 4.055 ng/ul
RT: 21.477 min Scan# 4179
Delta R.T. 0.009 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13



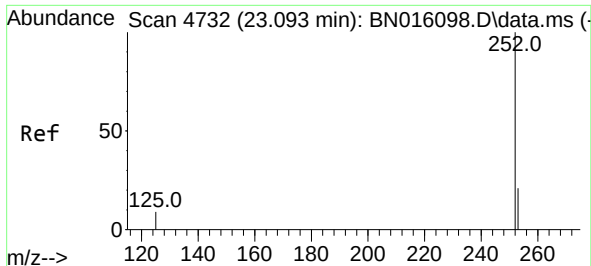
Tgt Ion:228 Resp: 124587
Ion Ratio Lower Upper
228 100
226 28.6 23.4 35.0
229 21.6 16.4 24.6



Instrument :
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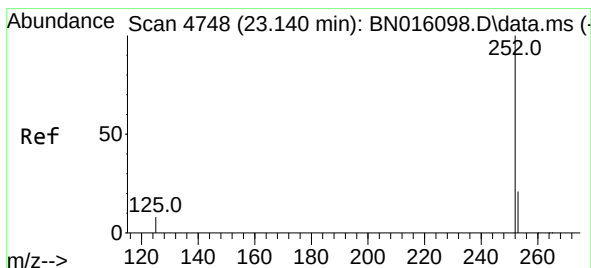
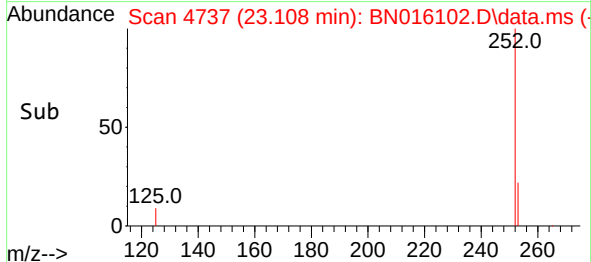
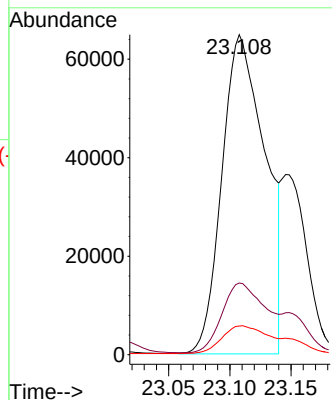
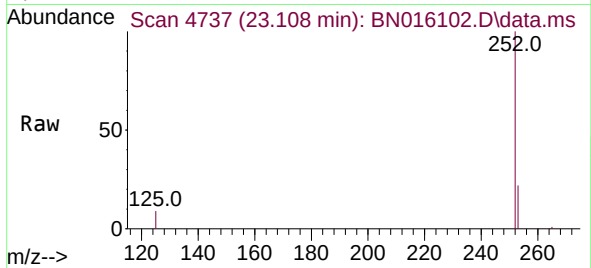
#24
Benzo(b)fluoranthene
Concen: 5.067 ng/ul m
RT: 23.108 min Scan# 4737
Delta R.T. 0.015 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13

Tgt Ion:	252	Resp:	159144
Ion Ratio	100	Lower	Upper
252	100		
253	22.4	0.0	50.6
125	8.9	0.0	21.6

Instrument :
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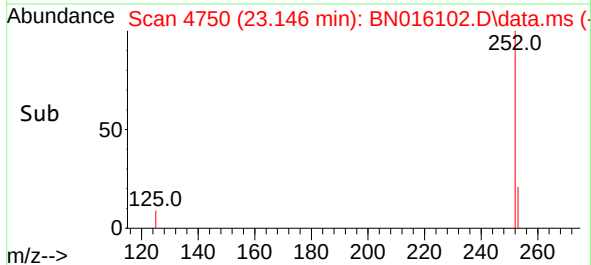
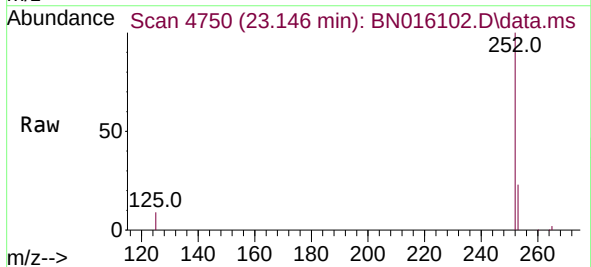
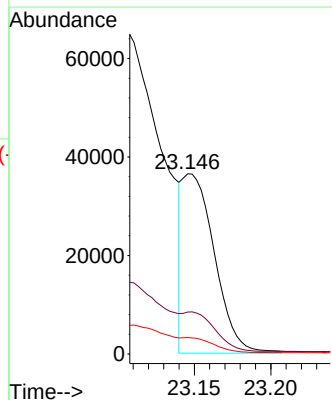
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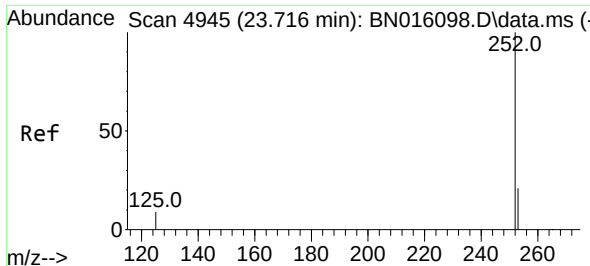
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#25
Benzo(k)fluoranthene
Concen: 1.687 ng/ul m
RT: 23.146 min Scan# 4750
Delta R.T. 0.006 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13

Tgt Ion:	252	Resp:	53379
Ion Ratio	100	Lower	Upper
252	100		
253	23.3	20.7	31.1
125	9.1	8.2	12.4





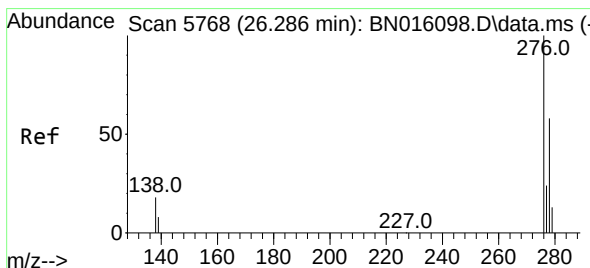
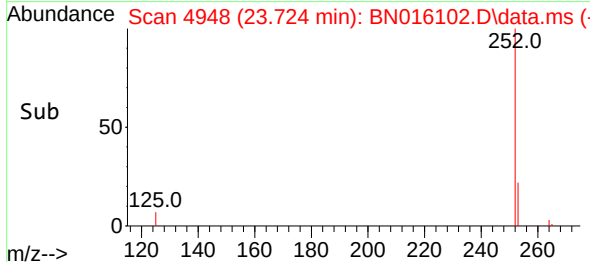
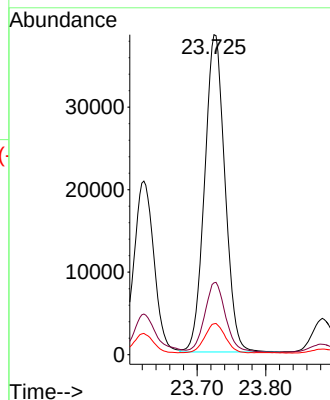
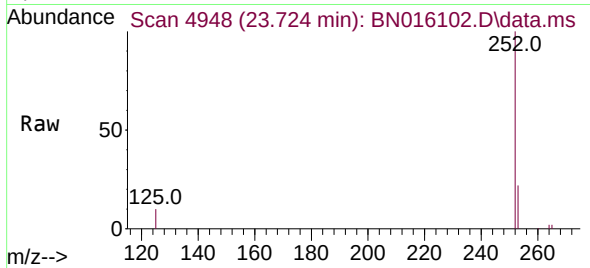
#26
Benzo(a)pyrene
Concen: 3.001 ng/ul
RT: 23.724 min Scan# 4948
Delta R.T. 0.009 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13

Tgt Ion:252 Resp: 79248
Ion Ratio Lower Upper
252 100
253 22.5 22.1 33.1
125 9.7 10.2 15.4#

Instrument :
BNA_N
ClientSampleId :
C0AW8DL

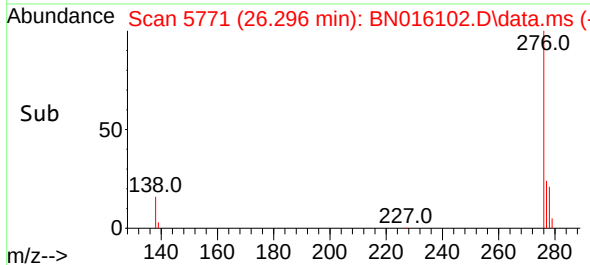
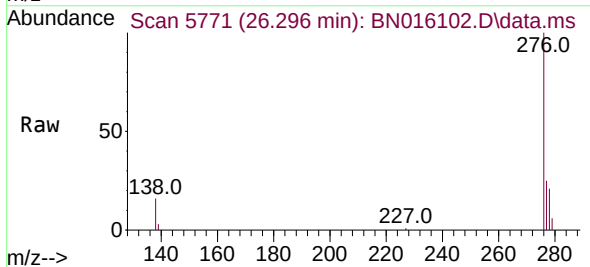
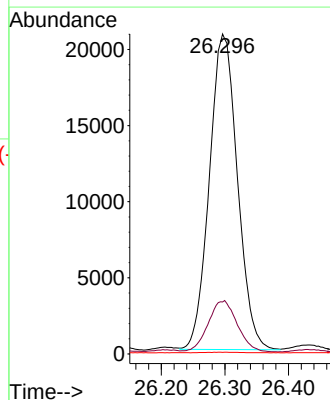
Manual Integrations
APPROVED

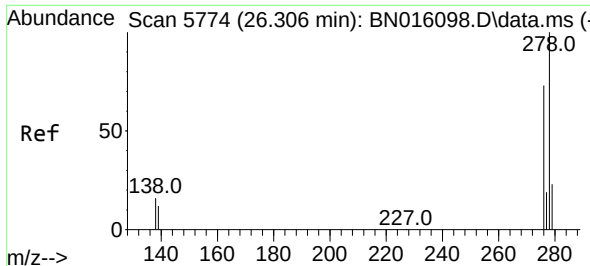
mohammad
8/27/2021 5:10:45 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.819 ng/ul
RT: 26.296 min Scan# 5771
Delta R.T. 0.010 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13

Tgt Ion:276 Resp: 63560
Ion Ratio Lower Upper
276 100
138 16.8 15.1 22.7
227 0.3 0.1 0.1#





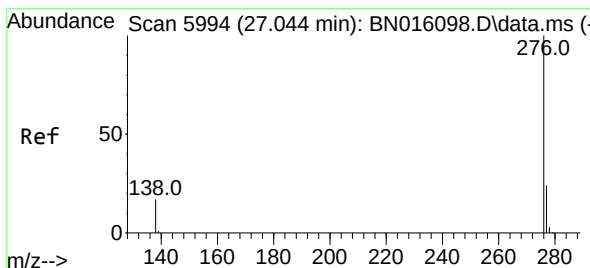
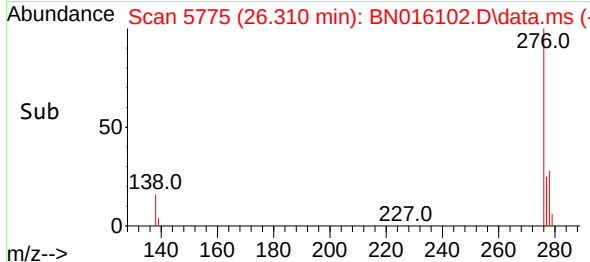
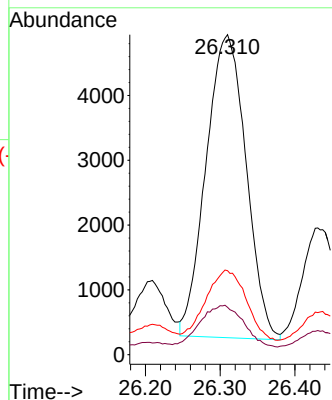
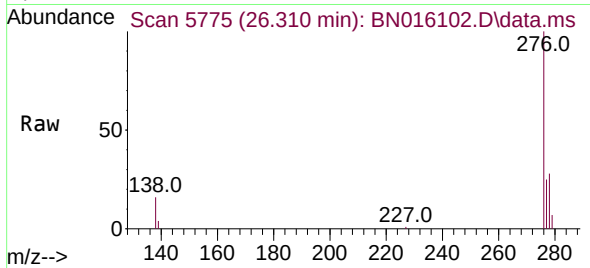
#28
Dibenzo(a,h)anthracene
Concen: 0.592 ng/ul
RT: 26.310 min Scan# 5775
Delta R.T. 0.003 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13

Tgt Ion: 278 Resp: 17412
Ion Ratio Lower Upper
278 100
139 14.8 12.0 18.0
279 26.2 21.0 31.6

Instrument :
BNA_N
ClientSampled :
C0AW8DL

Manual Integrations
APPROVED

mohammad
8/27/2021 5:10:45 PM



#29
Benzo(g,h,i)perylene
Concen: 0.167 ng/ul
RT: 27.061 min Scan# 5999
Delta R.T. 0.017 min
Lab File: BN016102.D
Acq: 27 Aug 2021 12:13

Tgt Ion: 276 Resp: 5040
Ion Ratio Lower Upper
276 100
138 23.8 13.8 20.8#
277 32.3 20.5 30.7#

