

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016104.D
 Acq On : 27 Aug 2021 13:27
 Operator : CG/JU
 Sample : M3458-18DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B56DL

Manual Integrations
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Quant Time: Aug 27 13:56:46 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	1598	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	7024	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	4403	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.243	188	9008	0.400	ng/ul	0.00
17) Chrysene-d12	21.441	240	8848	0.400	ng/ul	0.00
23) Perylene-d12	23.832	264	7952	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1168	0.539	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	408	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.277	212	997	0.042	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	3923	0.216	ng/ul	98
7) 2-Methylnaphthalene	12.327	142	3046	0.248	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	2764	0.230	ng/ul	99
10) Acenaphthylene	14.220	152	4779	0.307	ng/ul	98
11) Acenaphthene	14.562	153	1015	0.076	ng/ul	95
12) Fluorene	15.548	166	1650	0.104	ng/ul#	92
15) Phenanthrene	17.285	178	38125	1.534	ng/ul	98
16) Anthracene	17.378	178	5466	0.255	ng/ul	98
19) Fluoranthene	19.304	202	60650	2.194	ng/ul	100
20) Pyrene	19.667	202	50435	1.812	ng/ul	99
21) Benzo(a)anthracene	21.426	228	24859	0.902	ng/ul	96
22) Chrysene	21.476	228	27749	0.936	ng/ul	98
24) Benzo(b)fluoranthene	23.107	252	34666m	1.168	ng/ul	
25) Benzo(k)fluoranthene	23.145	252	12934m	0.433	ng/ul	
26) Benzo(a)pyrene	23.724	252	19849	0.796	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.296	276	15630	0.473	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.306	278	4133	0.149	ng/ul#	85
29) Benzo(g,h,i)perylene	27.060	276	2387	0.084	ng/ul#	81

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

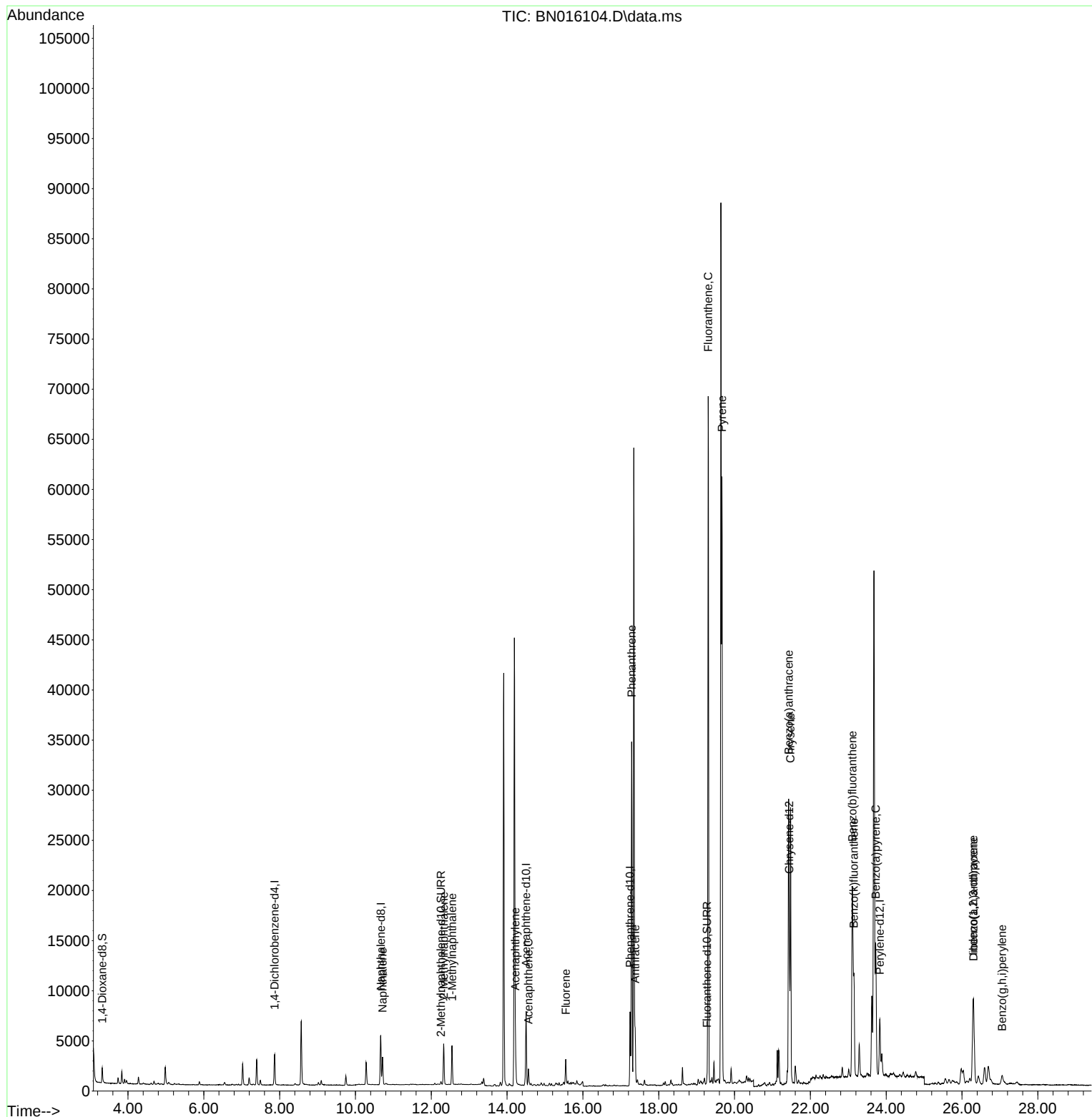
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016104.D
Acq On : 27 Aug 2021 13:27
Operator : CG/JU
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ALS Vial : 8 Sample Multiplier: 1

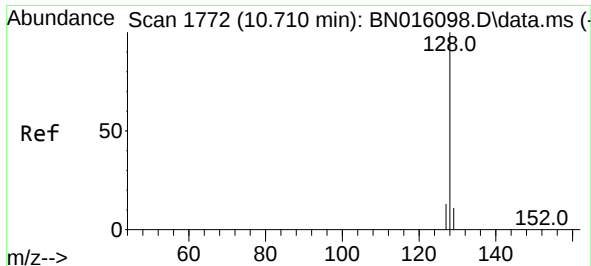
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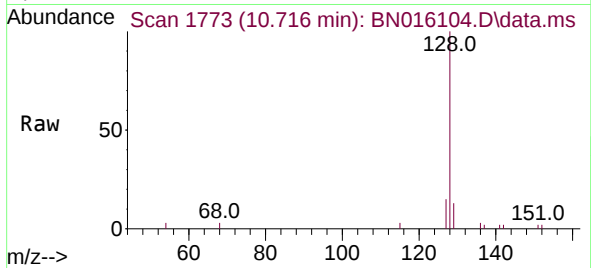
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 27 10:53:37 2021
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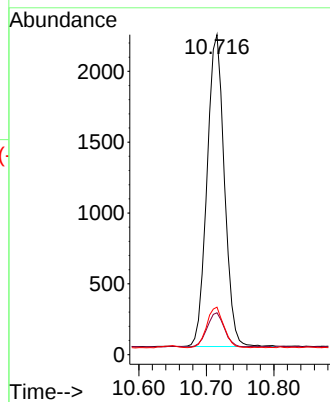
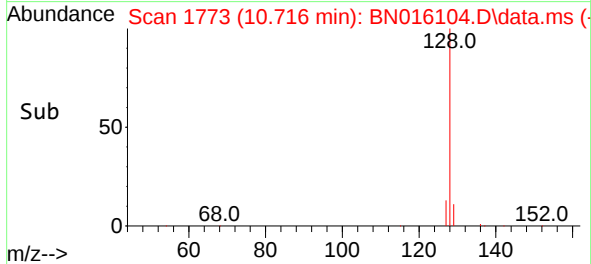




#5
Naphthalene
Concen: 0.216 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27



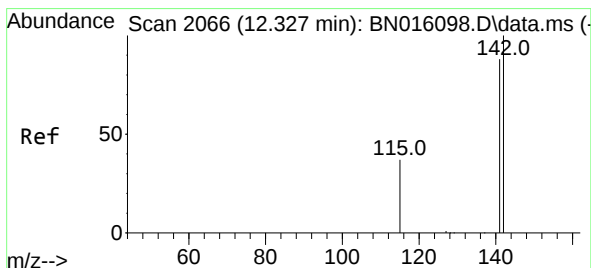
Tgt Ion:128 Resp: 3923
Ion Ratio Lower Upper
128 100
129 13.1 9.7 14.5
127 14.8 11.1 16.7



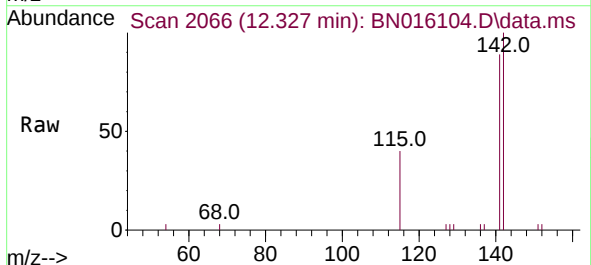
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ClientSampleId :
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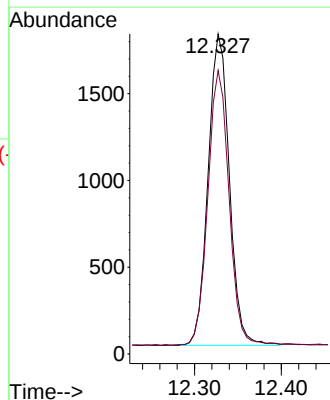
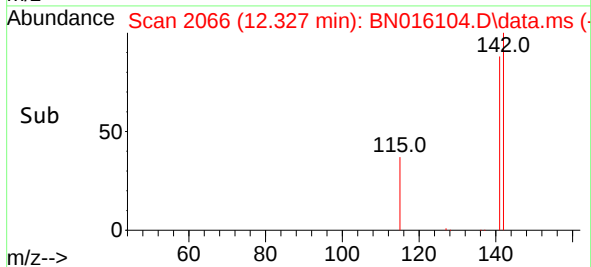
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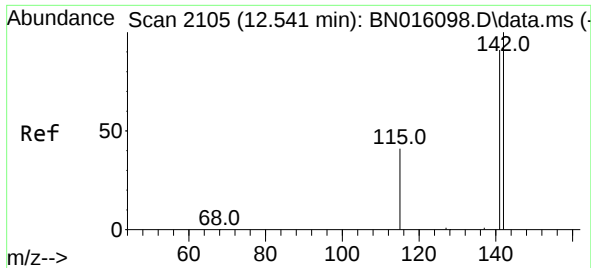


#7
2-Methylnaphthalene
Concen: 0.248 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27

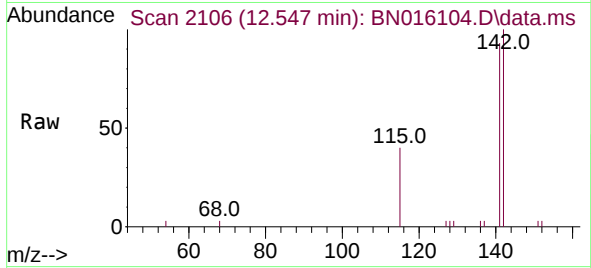


Tgt Ion:142 Resp: 3046
Ion Ratio Lower Upper
142 100
141 87.9 69.8 104.6

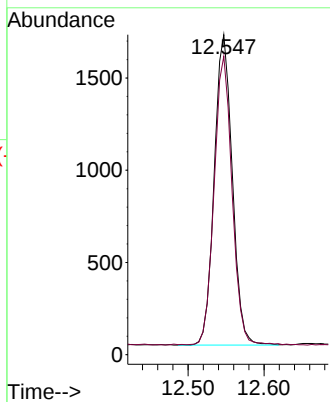
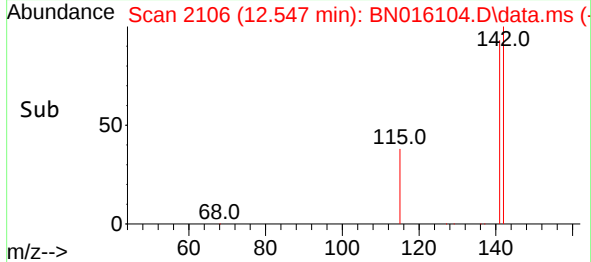




#8
1-Methylnaphthalene
Concen: 0.230 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27



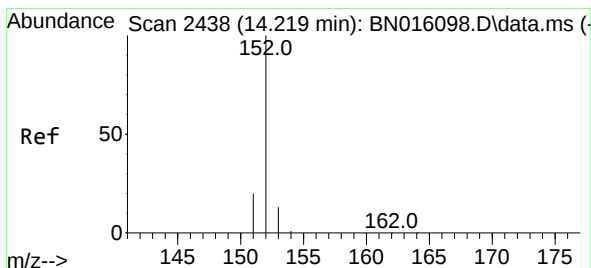
Tgt Ion:142 Resp: 2764
Ion Ratio Lower Upper
142 100
141 92.3 72.8 109.2



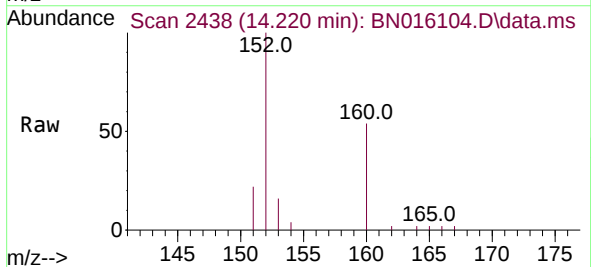
Instrument :
BNA_N
ClientSampled :
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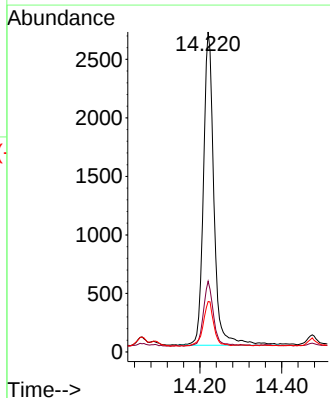
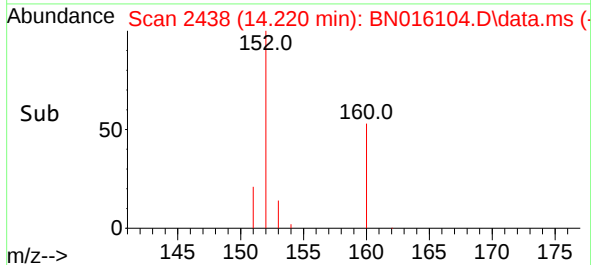
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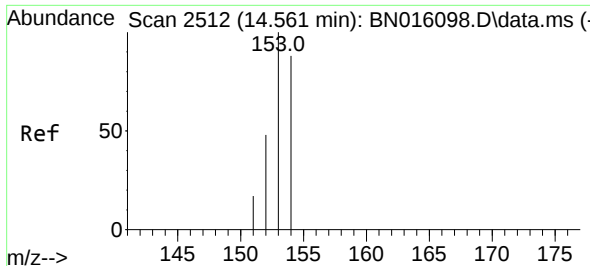


#10
Acenaphthylene
Concen: 0.307 ng/ul
RT: 14.220 min Scan# 2438
Delta R.T. 0.001 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27



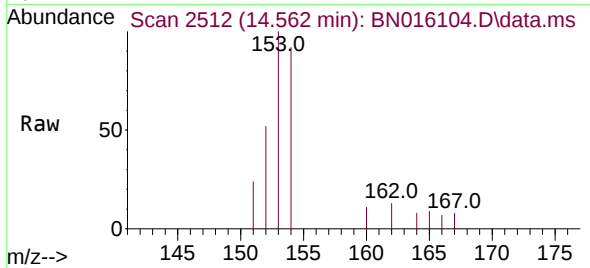
Tgt Ion:152 Resp: 4779
Ion Ratio Lower Upper
152 100
151 22.1 17.0 25.6
153 15.8 11.8 17.6





#11
Acenaphthene
Concen: 0.076 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. 0.001 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27

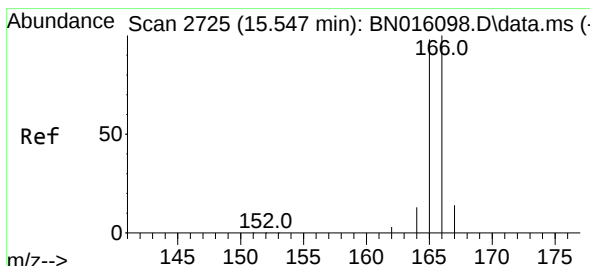
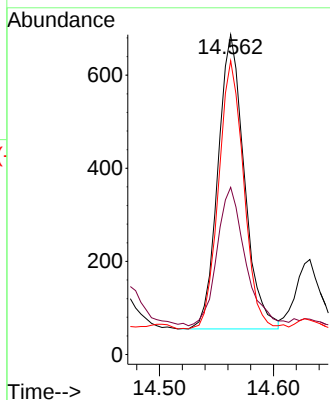
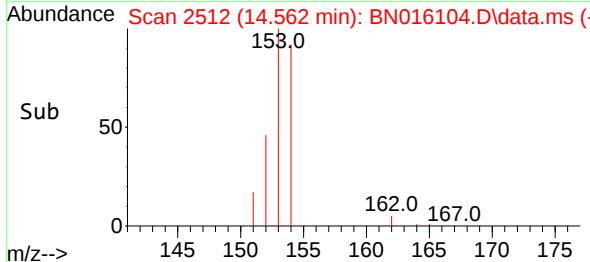
Instrument :
BNA_N
ClientSampled :
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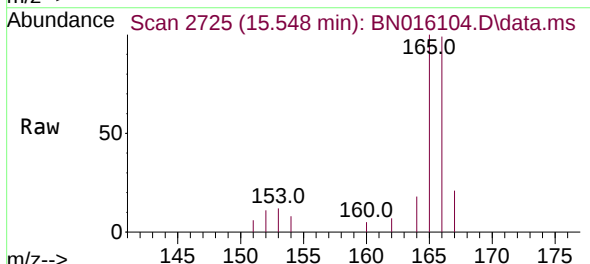
Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.3	38.3	57.5
154	91.8	70.2	105.2

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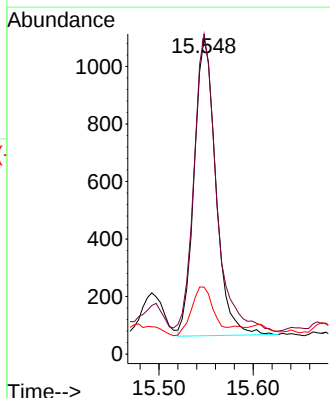
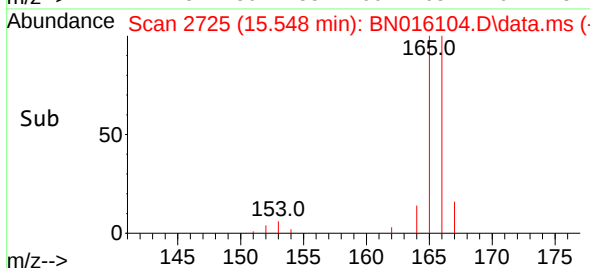
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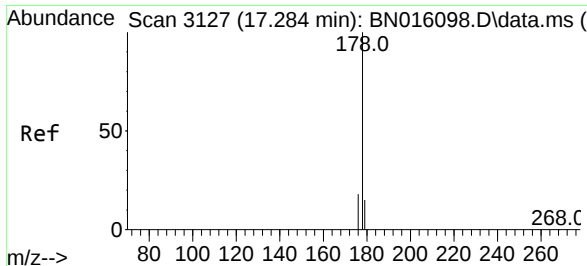


#12
Fluorene
Concen: 0.104 ng/ul
RT: 15.548 min Scan# 2725
Delta R.T. 0.001 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27



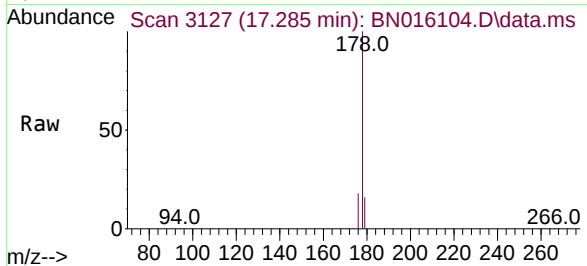
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.5	76.2	114.2
167	21.2	11.5	17.3





#15
Phenanthrene
Concen: 1.534 ng/ul
RT: 17.285 min Scan# 3127
Delta R.T. 0.001 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27

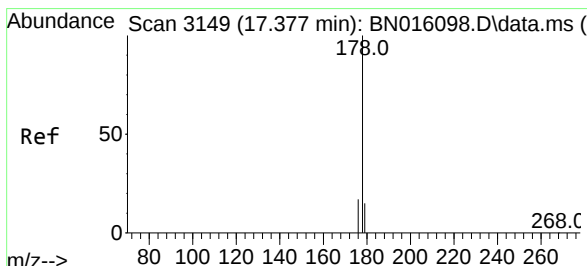
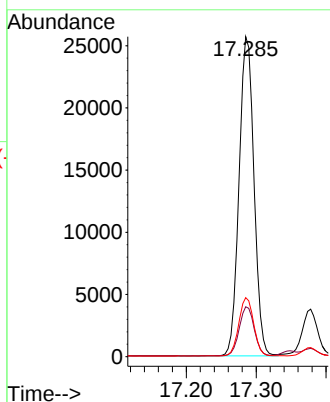
Instrument :
BNA_N
ClientSampleId :
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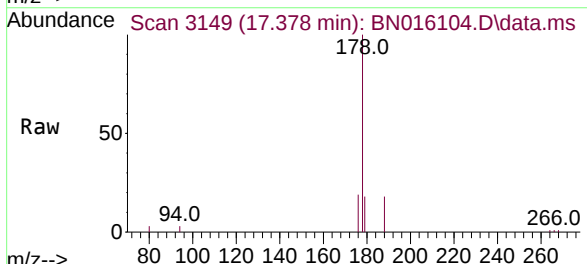
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.4	15.0	22.4

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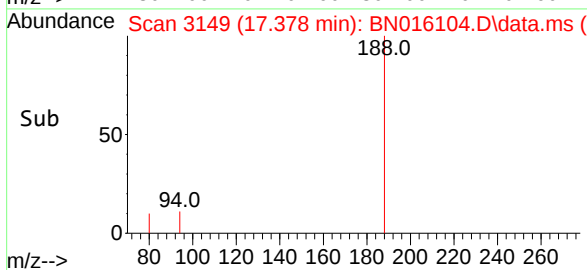
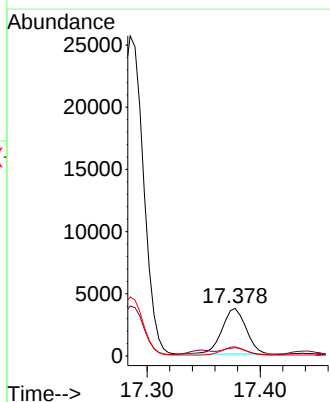
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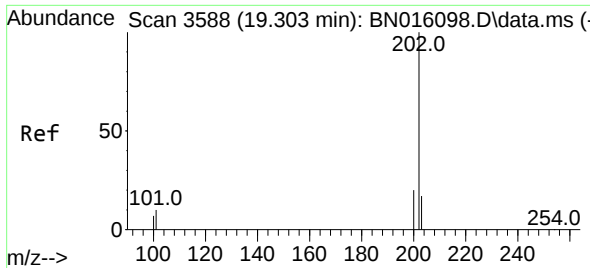


#16
Anthracene
Concen: 0.255 ng/ul
RT: 17.378 min Scan# 3149
Delta R.T. 0.001 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27



Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.6	13.4	20.0
176	19.1	14.9	22.3





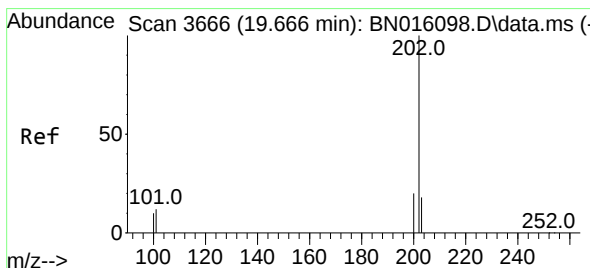
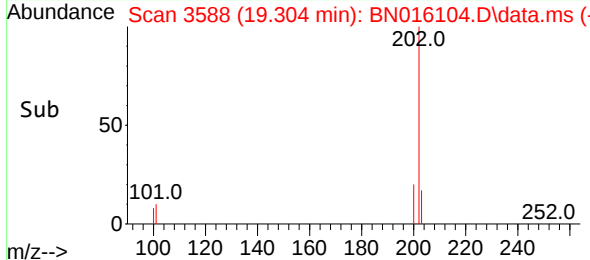
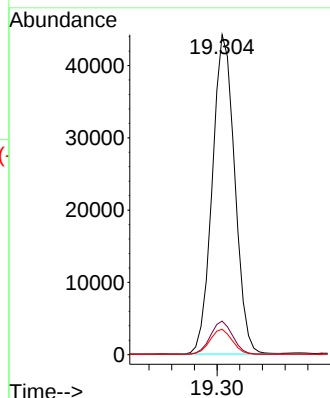
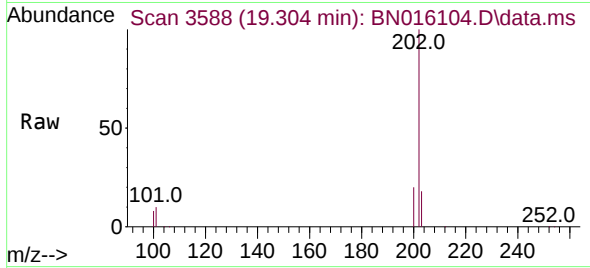
#19
Fluoranthene
Concen: 2.194 ng/ul
RT: 19.304 min Scan# 3588
Delta R.T. 0.001 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27

Tgt Ion:	202	Resp:	60650
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.3	12.5
100	8.0	6.6	9.8

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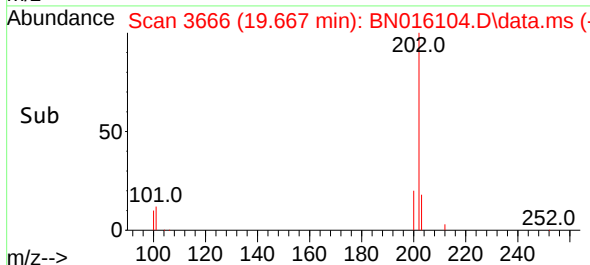
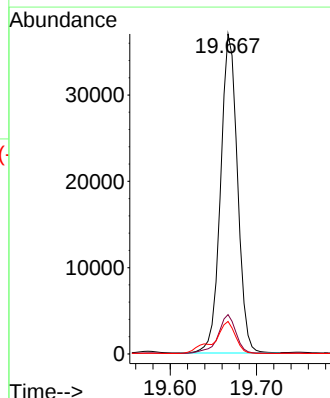
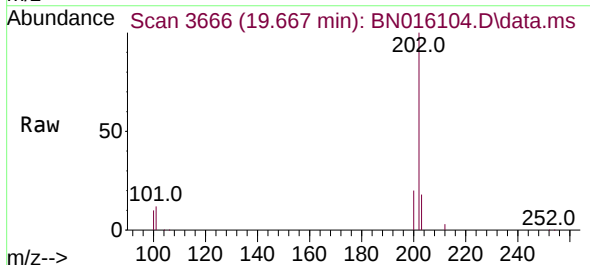
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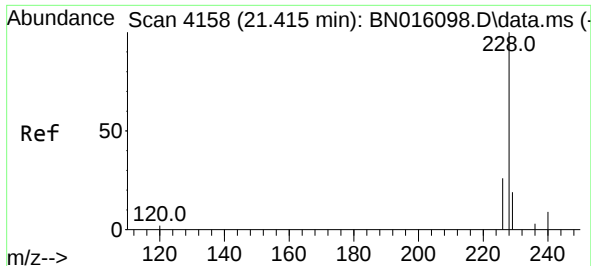
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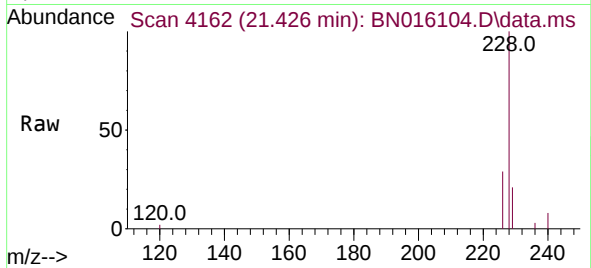
#20
Pyrene
Concen: 1.812 ng/ul
RT: 19.667 min Scan# 3666
Delta R.T. 0.001 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27

Tgt Ion:	202	Resp:	50435
Ion Ratio	Lower	Upper	
202	100		
101	12.3	10.0	15.0
100	10.2	8.4	12.6

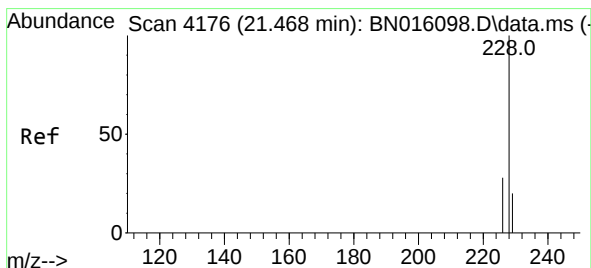
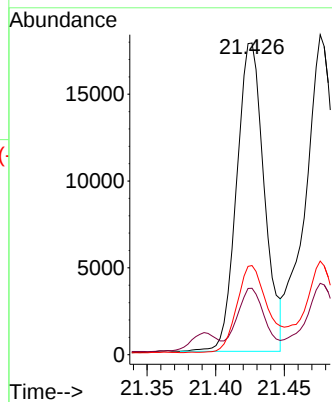
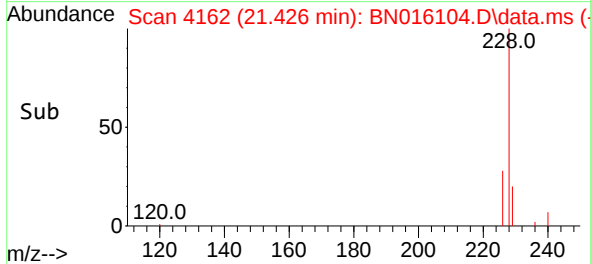




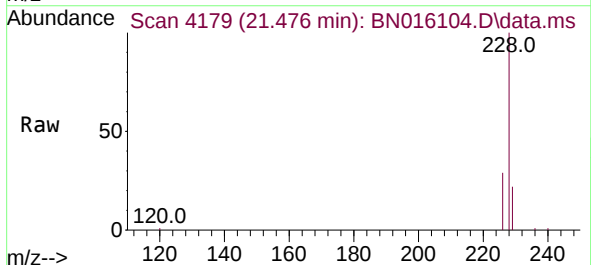
#21
Benzo(a)anthracene
Concen: 0.902 ng/ul
RT: 21.426 min Scan# 4162
Delta R.T. 0.011 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27



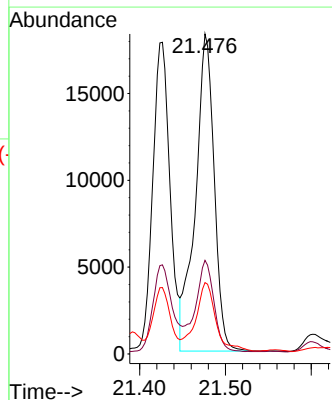
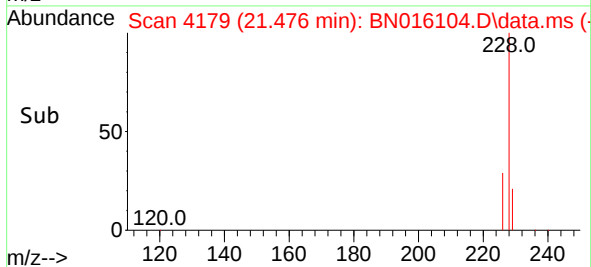
Tgt Ion:228 Resp: 24859
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 28.6 20.6 31.0



#22
Chrysene
Concen: 0.936 ng/ul
RT: 21.476 min Scan# 4179
Delta R.T. 0.008 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27



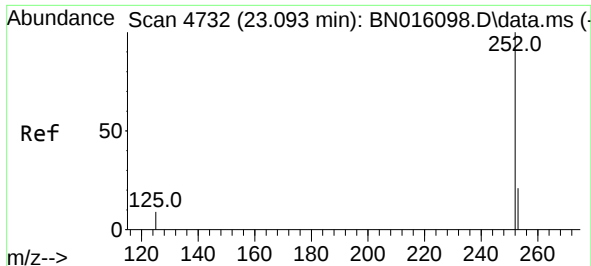
Tgt Ion:228 Resp: 27749
Ion Ratio Lower Upper
228 100
226 29.2 23.4 35.0
229 22.3 16.4 24.6



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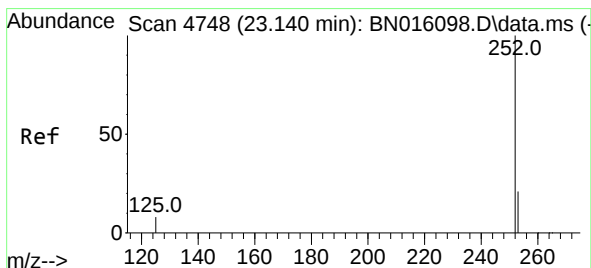
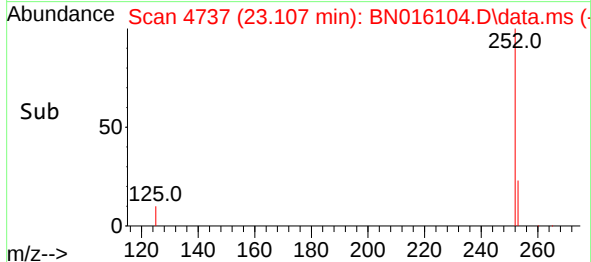
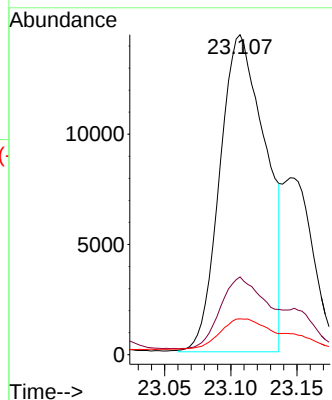
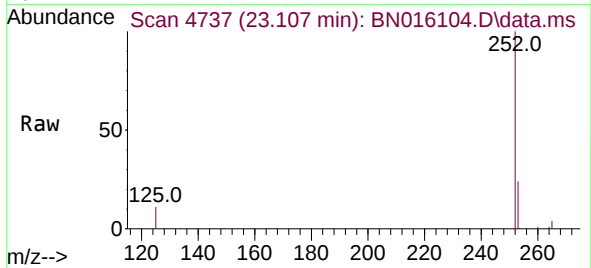
#24
Benzo(b)fluoranthene
Concen: 1.168 ng/ul m
RT: 23.107 min Scan# 4737
Delta R.T. 0.014 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27

Tgt Ion:252	Resp:	34666
Ion Ratio	Lower	Upper
252	100	
253	24.3	0.0 50.6
125	11.2	0.0 21.6

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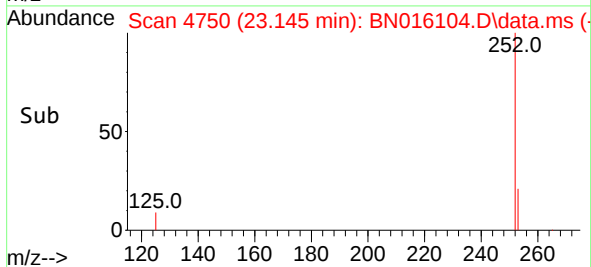
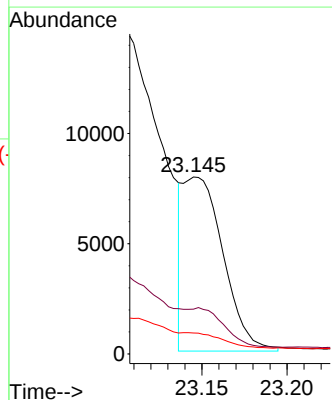
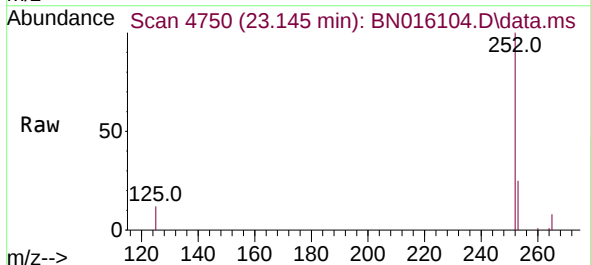
Manual Integrations
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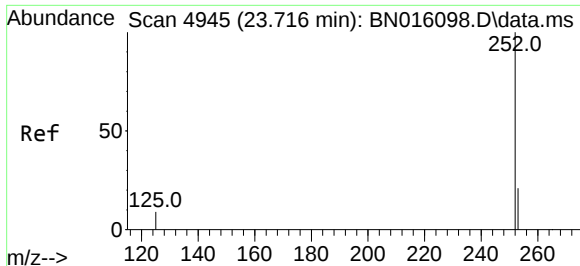
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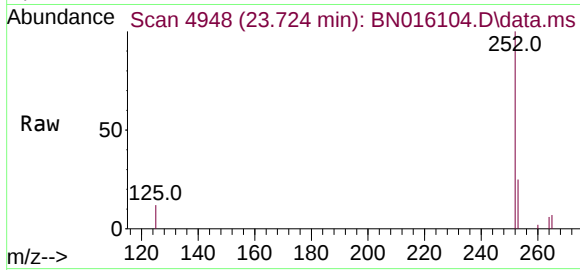
#25
Benzo(k)fluoranthene
Concen: 0.433 ng/ul m
RT: 23.145 min Scan# 4750
Delta R.T. 0.005 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27

Tgt Ion:252	Resp:	12934
Ion Ratio	Lower	Upper
252	100	
253	25.3	20.7 31.1
125	11.9	8.2 12.4

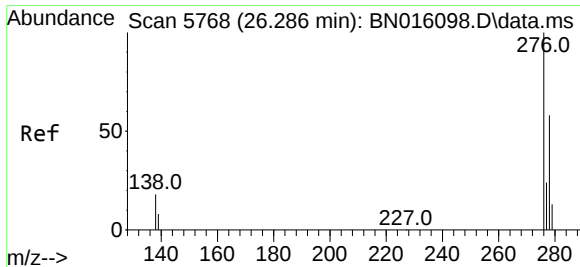
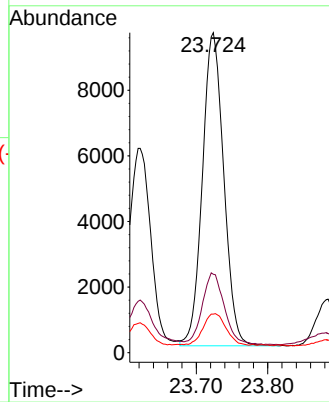
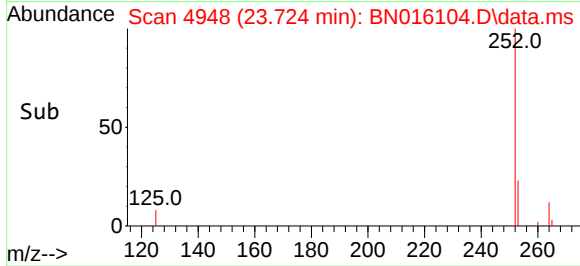




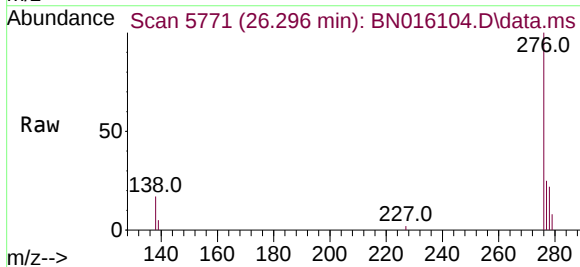
#26
Benzo(a)pyrene
Concen: 0.796 ng/ul
RT: 23.724 min Scan# 4948
Delta R.T. 0.008 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27



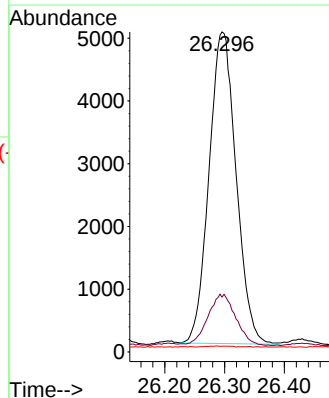
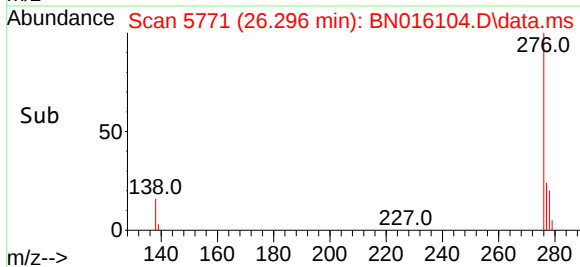
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	22.1	33.1
125	12.0	10.2	15.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.473 ng/ul
RT: 26.296 min Scan# 5771
Delta R.T. 0.009 min
Lab File: BN016104.D
Acq: 27 Aug 2021 13:27



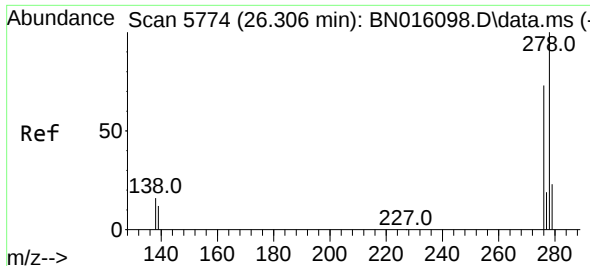
Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	15.1	22.7
227	0.3	0.1	0.1#



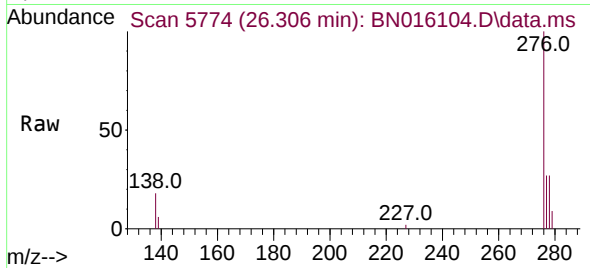
Instrument :
BNA_N
ClientSampleId :
C0B56DL

Manual Integrations
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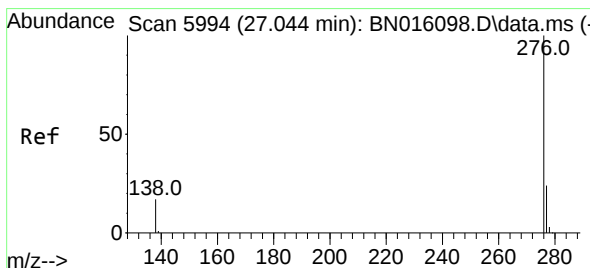
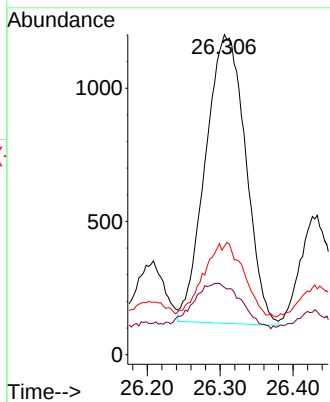
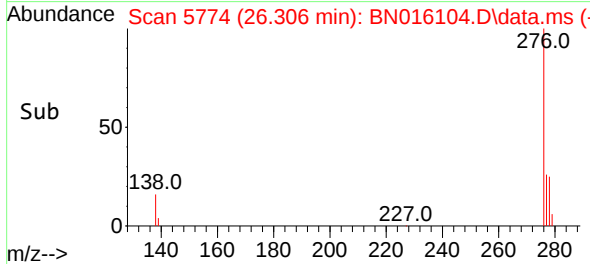
mohammad
8/27/2021 5:10:50 PM



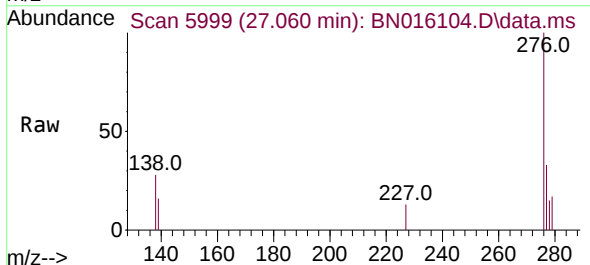
#28
 Dibenzo(a,h)anthracene
 Concen: 0.149 ng/ul
 RT: 26.306 min Scan# 5774
 Delta R.T. -0.001 min
 Lab File: BN016104.D
 Acq: 27 Aug 2021 13:27



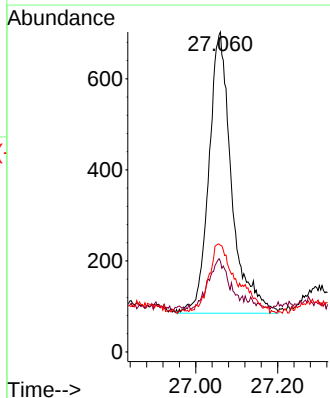
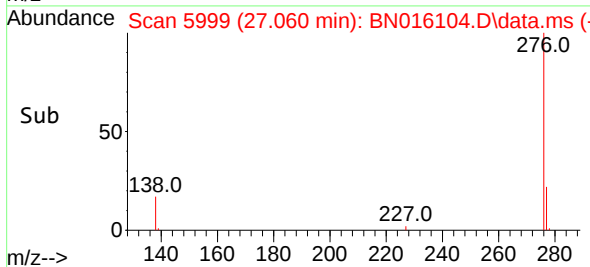
Tgt Ion: 278 Resp: 4133
 Ion Ratio Lower Upper
 278 100
 139 21.0 12.0 18.0#
 279 33.9 21.0 31.6#



#29
 Benzo(g,h,i)perylene
 Concen: 0.084 ng/ul
 RT: 27.060 min Scan# 5999
 Delta R.T. 0.016 min
 Lab File: BN016104.D
 Acq: 27 Aug 2021 13:27



Tgt Ion: 276 Resp: 2387
 Ion Ratio Lower Upper
 276 100
 138 28.3 13.8 20.8#
 277 33.3 20.5 30.7#



Instrument :
 BNA_N
 ClientSampled :
 C0B56DL

Manual Integrations
 APPROVED

mohammad
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