

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015521.D
 Acq On : 13 Jul 2021 10:37
 Operator : CG/JU
 Sample : M2869-16DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDW5DL

Manual Integrations
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Quant Time: Jul 13 11:23:58 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 : Mon Jul 12 11:02:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	3689	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	12505	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	6344	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	12668	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	10939	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	9701	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	1532	0.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.189	152	421	0.021	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	951	0.026	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	1439	0.036	ng/ul#	88
10) Acenaphthylene	14.159	152	2087	0.064	ng/ul#	92
11) Acenaphthene	14.506	153	966	0.038	ng/ul	95
12) Fluorene	15.491	166	1314	0.047	ng/ul#	97
15) Phenanthrene	17.233	178	20462	0.445	ng/ul	100
16) Anthracene	17.322	178	10638	0.262	ng/ul	99
19) Fluoranthene	19.252	202	65396	1.294	ng/ul	98
20) Pyrene	19.615	202	50242	0.991	ng/ul	99
21) Benzo(a)anthracene	21.369	228	34024	0.840	ng/ul	97
22) Chrysene	21.421	228	29740	0.613	ng/ul	99
24) Benzo(b)fluoranthene	23.029	252	32076m	0.708	ng/ul	
25) Benzo(k)fluoranthene	23.070	252	14614m	0.286	ng/ul	
26) Benzo(a)pyrene	23.634	252	21744	0.571	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.159	276	12494	0.272	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.172	278	3461	0.096	ng/ul#	82
29) Benzo(g,h,i)perylene	26.900	276	1816	0.043	ng/ul#	79

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

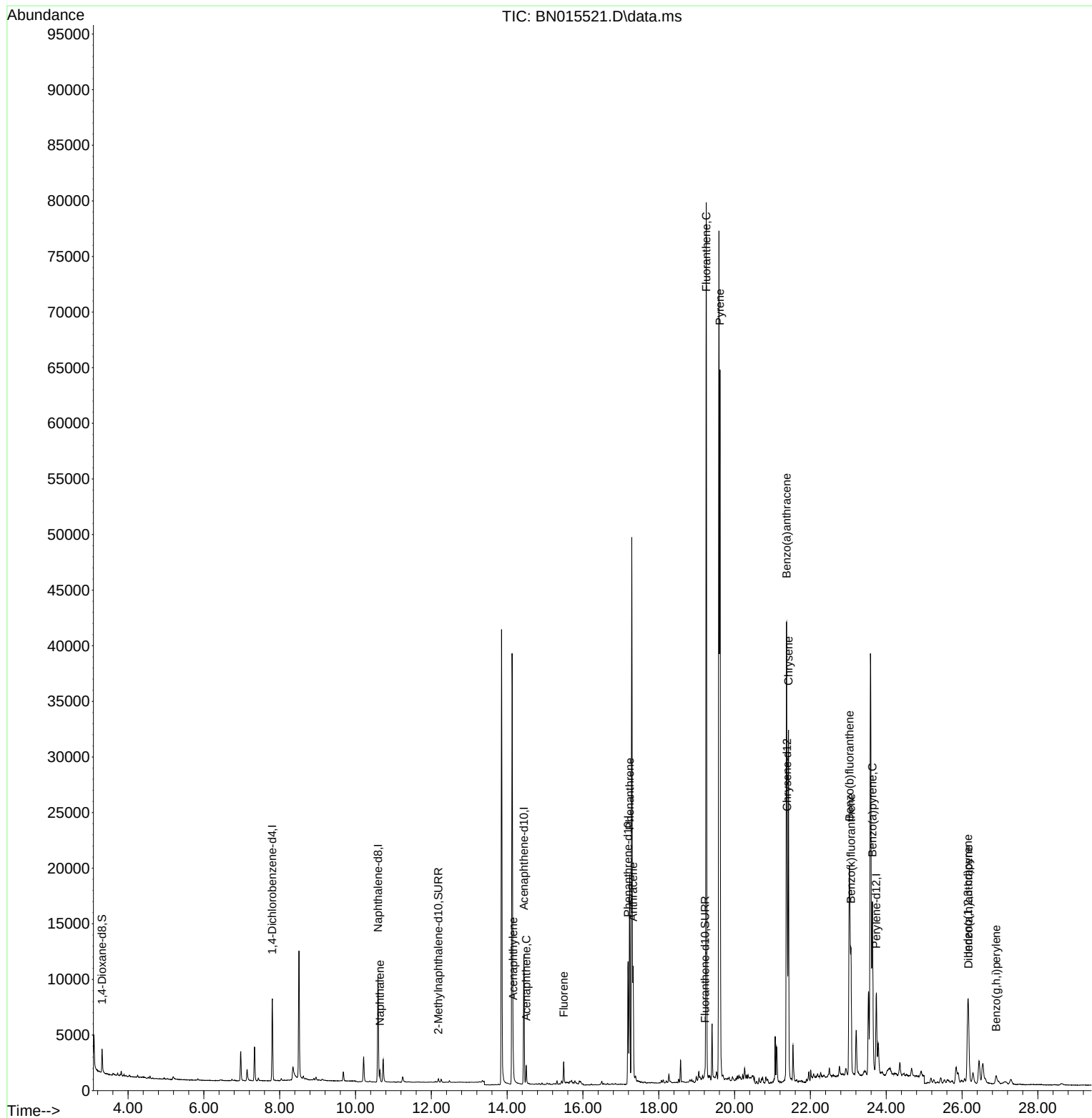
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Data File : BN015521.D
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ALS Vial : 38 Sample Multiplier: 1

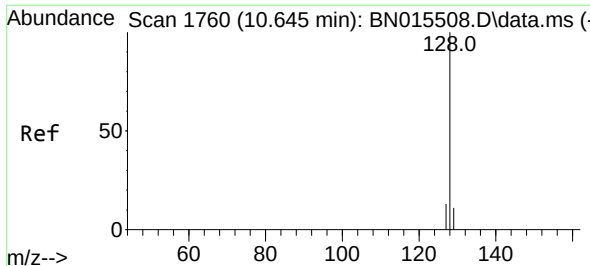
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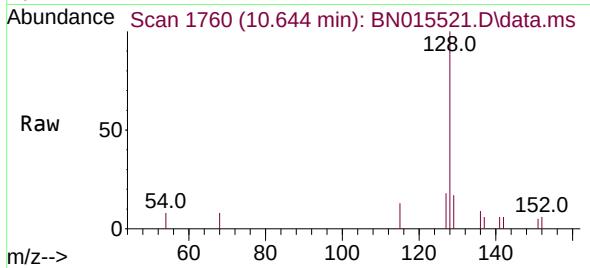
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Quant Time: Jul 13 11:23:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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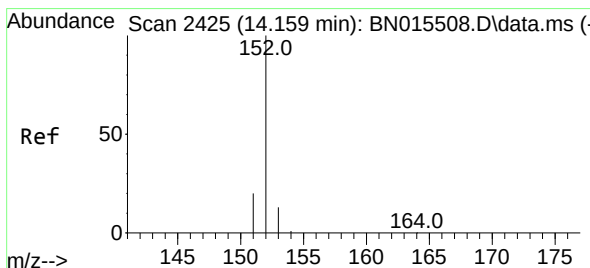
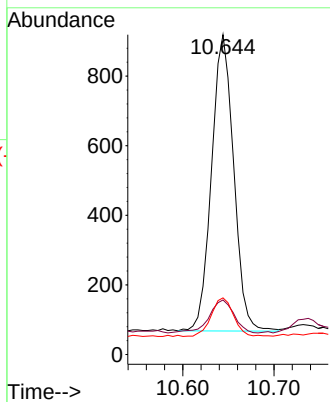
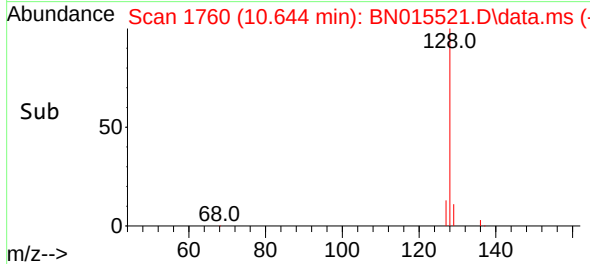




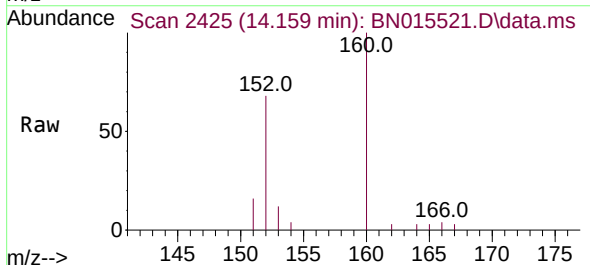
#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.001 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37



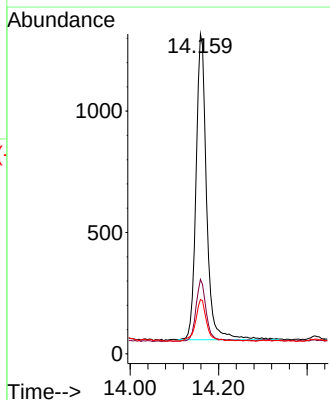
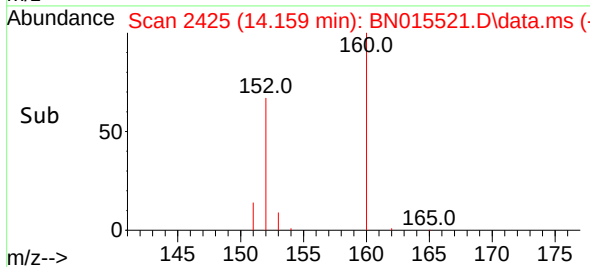
Tgt Ion:	128	Resp:	1439
Ion Ratio	Lower	Upper	
128	100		
129	17.1	9.3	13.9#
127	17.7	10.8	16.2#



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.159 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37



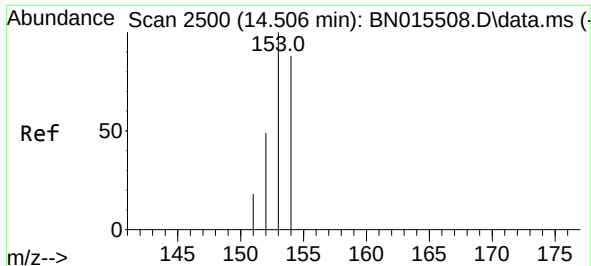
Tgt Ion:	152	Resp:	2087
Ion Ratio	Lower	Upper	
152	100		
151	23.3	16.0	24.0
153	17.0	10.9	16.3#



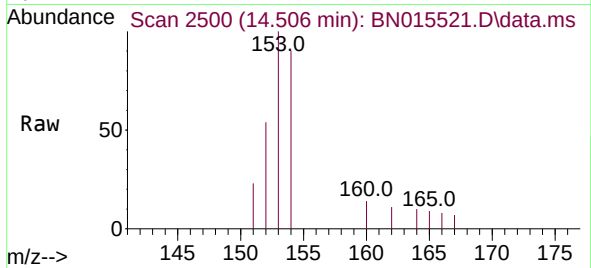
Instrument :
BNA_N
ClientSampleId :
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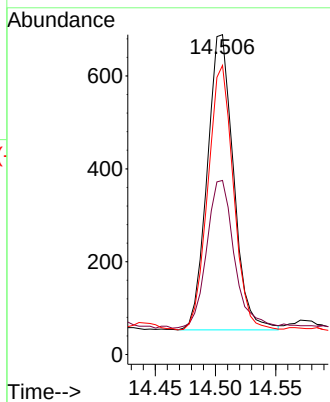
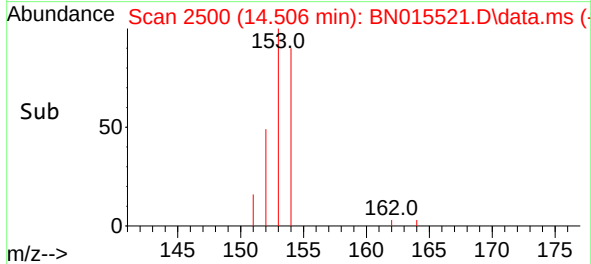
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#11
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37



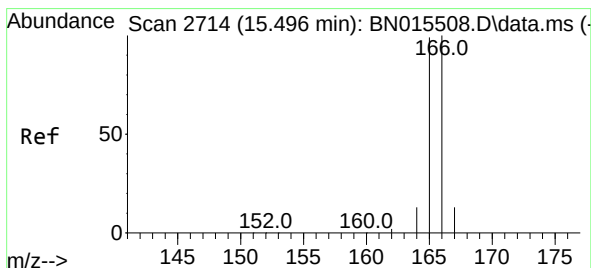
Tgt Ion:153 Resp: 966
Ion Ratio Lower Upper
153 100
152 54.4 39.8 59.6
154 90.4 69.8 104.8



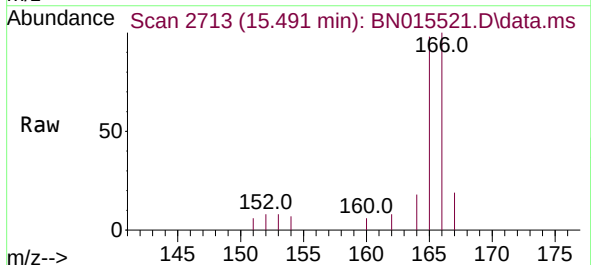
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BNA_N
ClientSampleId :
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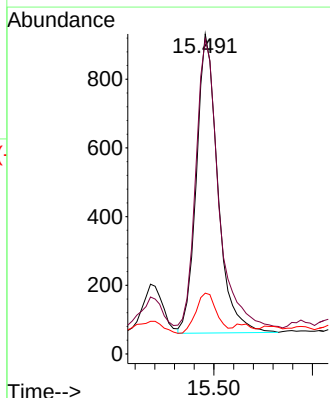
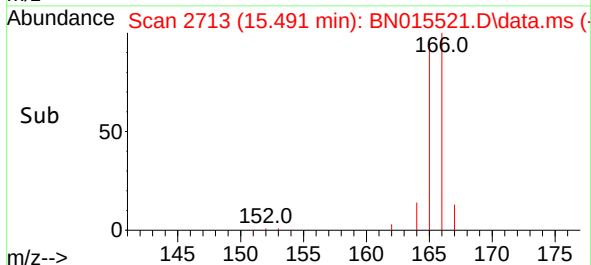
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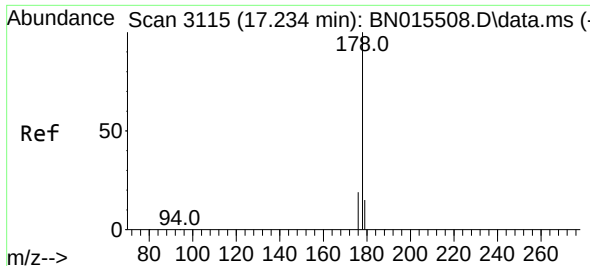


#12
Fluorene
Concen: 0.047 ng/ul
RT: 15.491 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37



Tgt Ion:166 Resp: 1314
Ion Ratio Lower Upper
166 100
165 98.4 77.8 116.8
167 19.0 11.2 16.8#





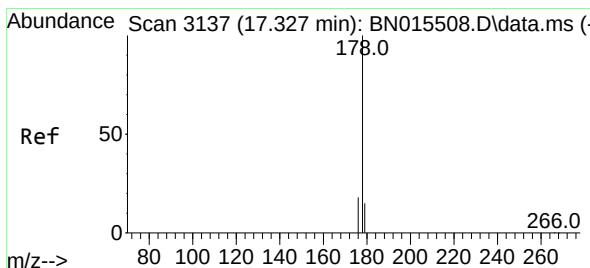
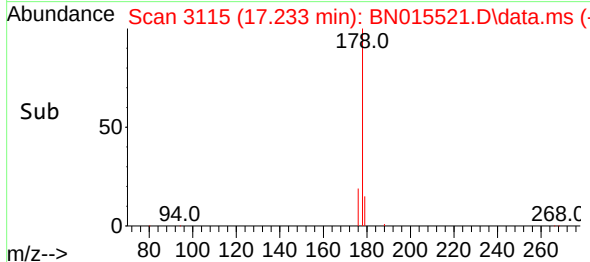
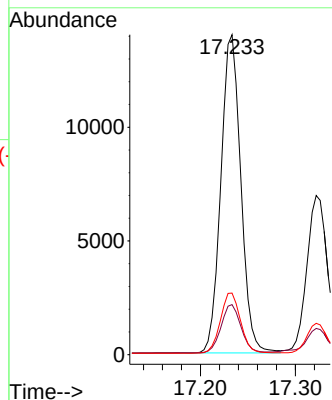
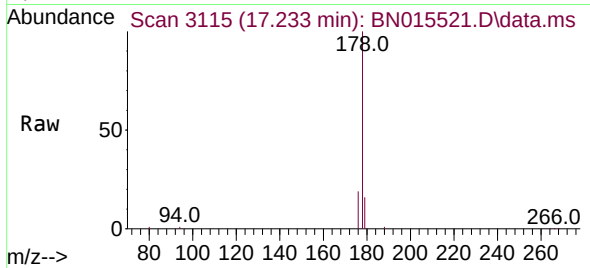
#15
Phenanthrene
Concen: 0.445 ng/ul
RT: 17.233 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.3	15.5	23.3

Instrument :
BNA_N
ClientSampleId :
BGDW5DL

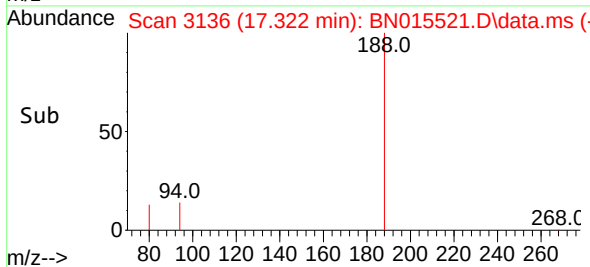
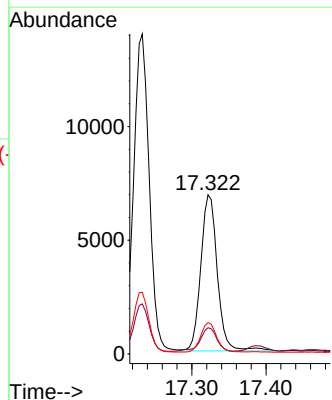
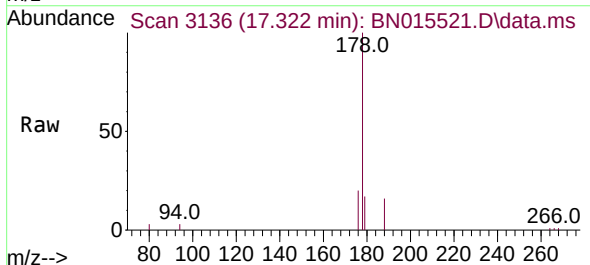
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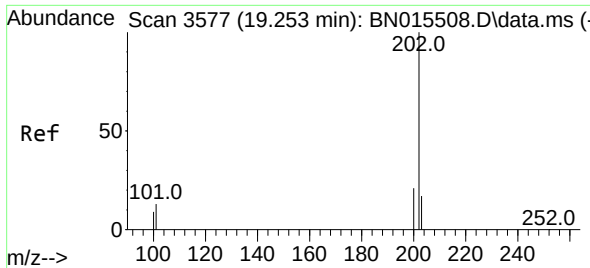
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#16
Anthracene
Concen: 0.262 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. -0.005 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37

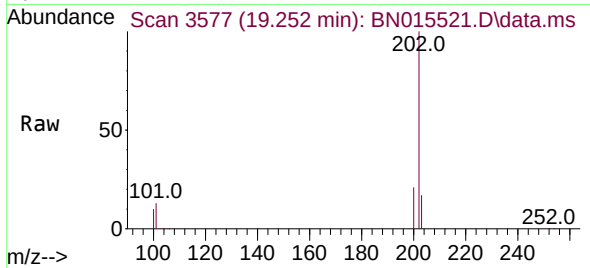
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.8	19.2
176	19.7	15.2	22.8





#19
Fluoranthene
Concen: 1.294 ng/ul
RT: 19.252 min Scan# 3577
Delta R.T. -0.005 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37

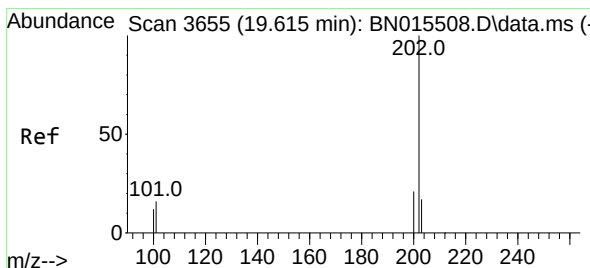
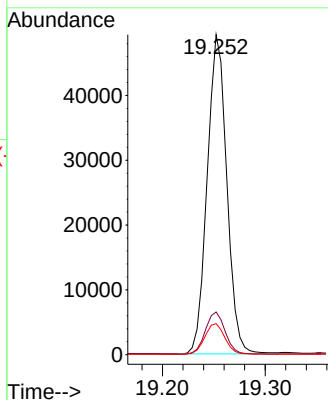
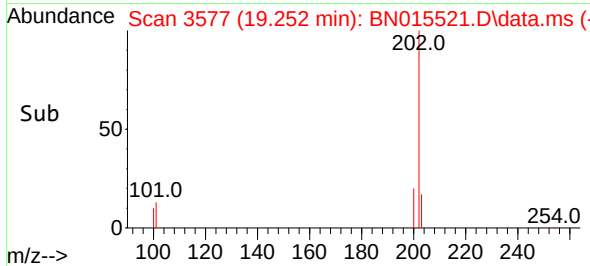
Instrument :
BNA_N
ClientSampleId :
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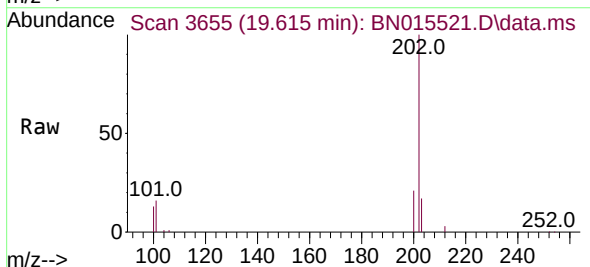
Tgt Ion:202 Resp: 65396
Ion Ratio Lower Upper
202 100
101 13.4 10.1 15.1
100 9.7 7.4 11.0

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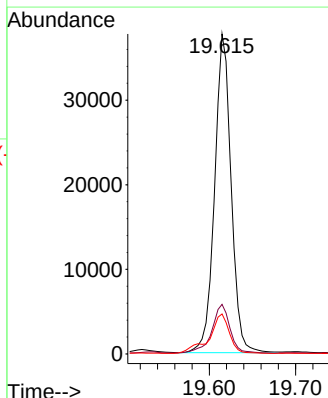
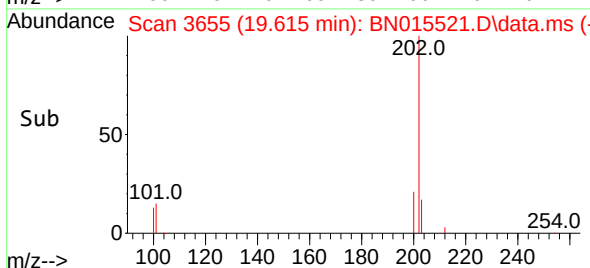
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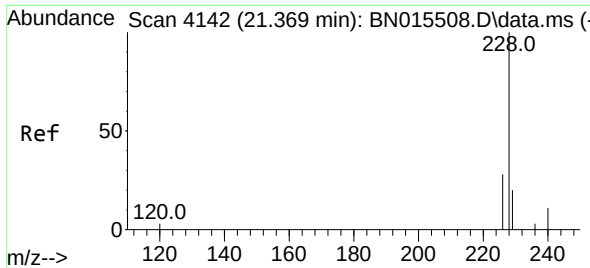


#20
Pyrene
Concen: 0.991 ng/ul
RT: 19.615 min Scan# 3655
Delta R.T. -0.005 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37



Tgt Ion:202 Resp: 50242
Ion Ratio Lower Upper
202 100
101 15.5 12.0 18.0
100 12.5 9.6 14.4





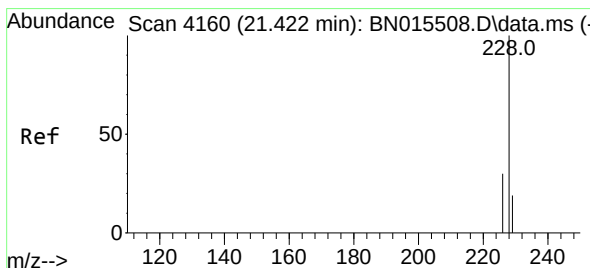
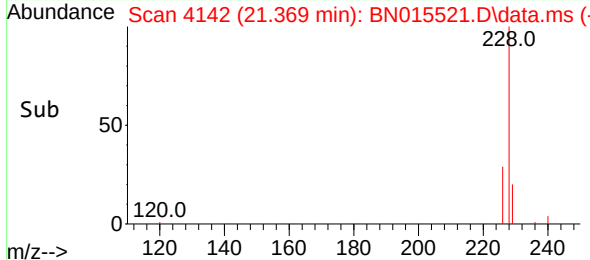
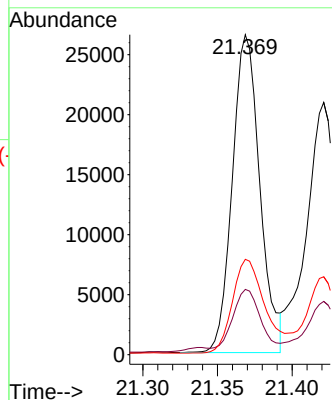
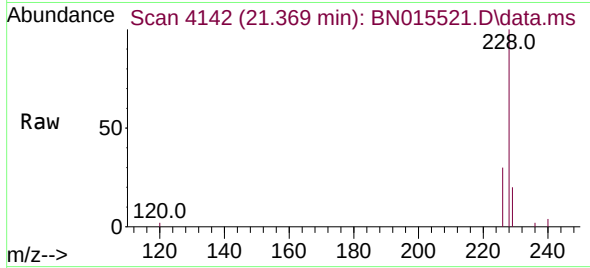
#21
Benzo(a)anthracene
Concen: 0.840 ng/ul
RT: 21.369 min Scan# 4142
Delta R.T. -0.006 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37

Tgt Ion:	228	Resp:	34024
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.8	23.8
226	29.8	21.8	32.8

Instrument :
BNA_N
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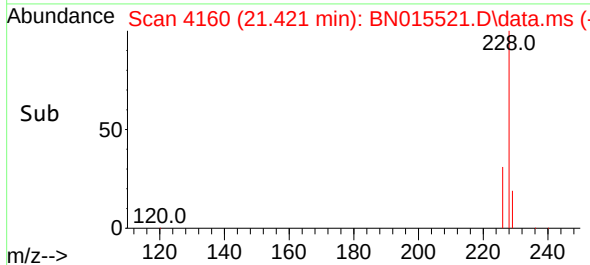
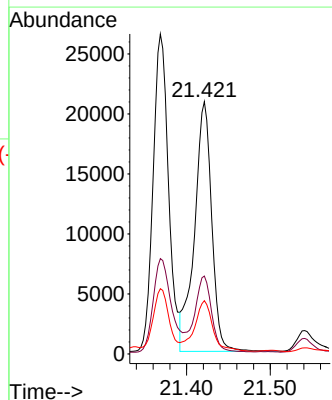
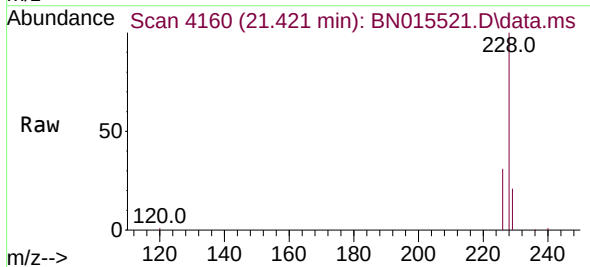
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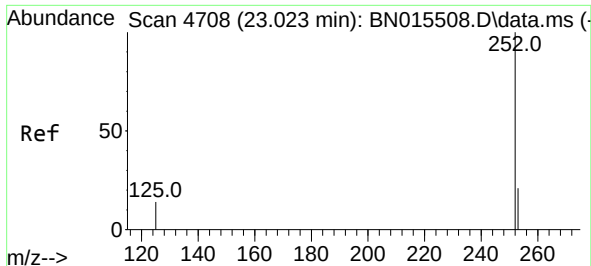
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#22
Chrysene
Concen: 0.613 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37

Tgt Ion:	228	Resp:	29740
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.6	37.0
229	21.1	15.7	23.5





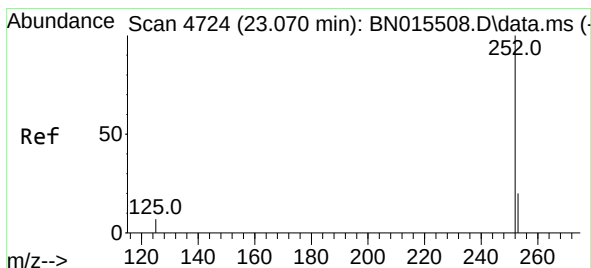
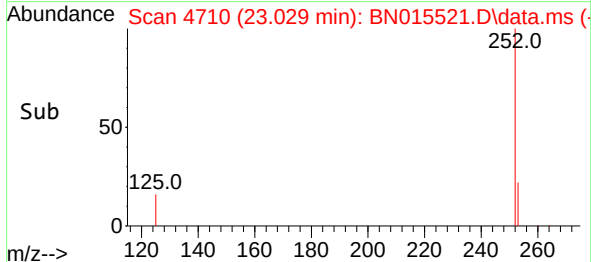
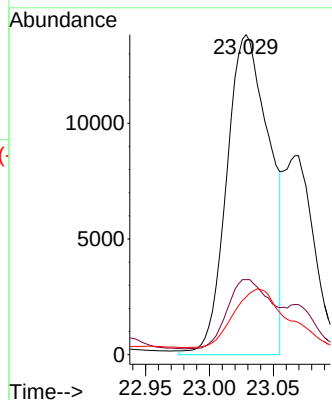
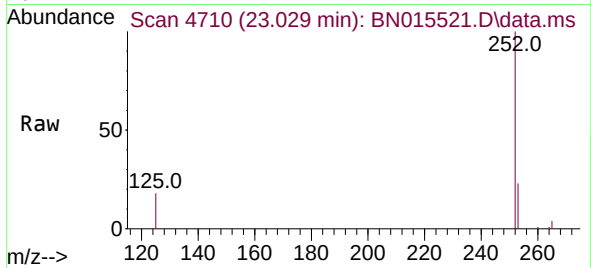
#24
Benzo(b)fluoranthene
Concen: 0.708 ng/ul m
RT: 23.029 min Scan# 4710
Delta R.T. -0.000 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37

Tgt Ion:252 Resp: 32076
Ion Ratio Lower Upper
252 100
253 23.5 0.0 45.6
125 18.0 0.0 28.4

Instrument :
BNA_N
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BGDW5DL

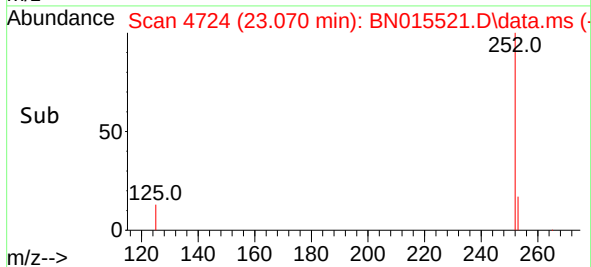
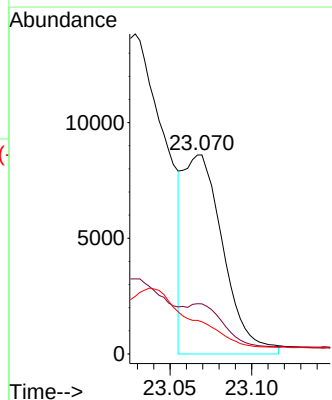
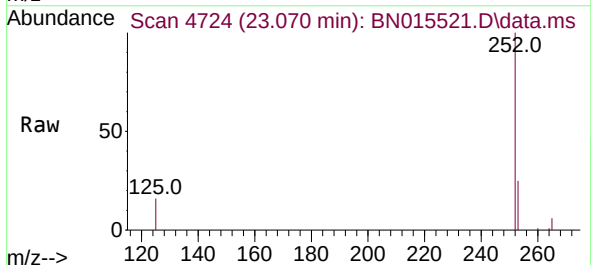
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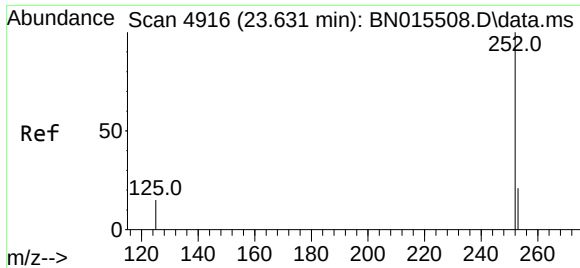
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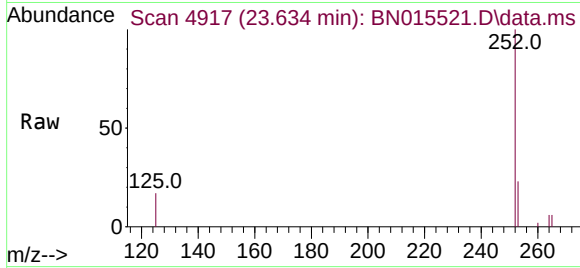
#25
Benzo(k)fluoranthene
Concen: 0.286 ng/ul m
RT: 23.070 min Scan# 4724
Delta R.T. -0.009 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37

Tgt Ion:252 Resp: 14614
Ion Ratio Lower Upper
252 100
253 25.2 18.1 27.1
125 16.1 11.5 17.3

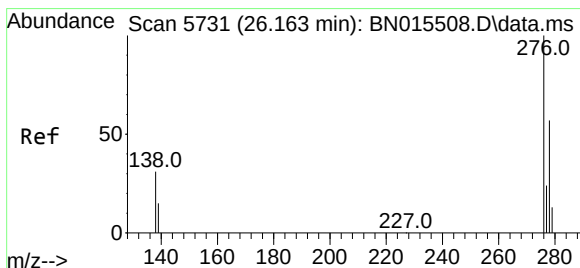
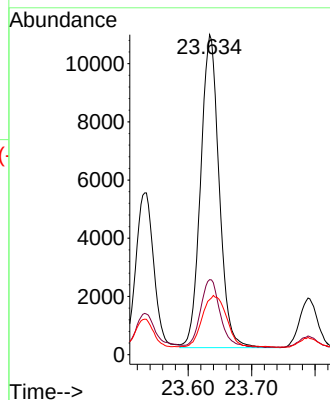
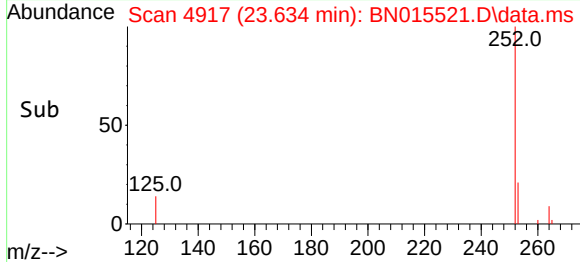




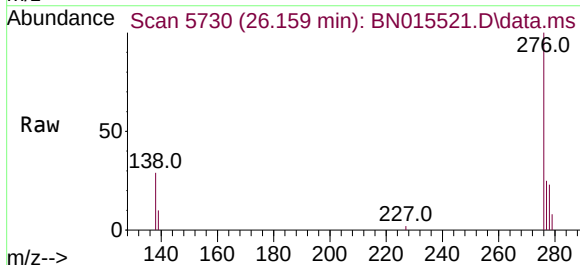
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Benzo(a)pyrene
Concen: 0.571 ng/ul
RT: 23.634 min Scan# 4917
Delta R.T. -0.006 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37



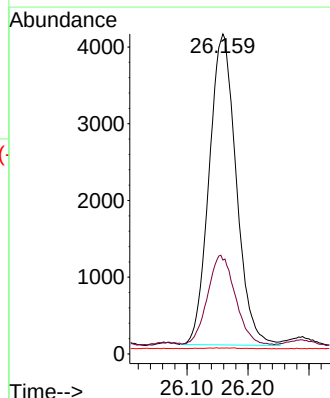
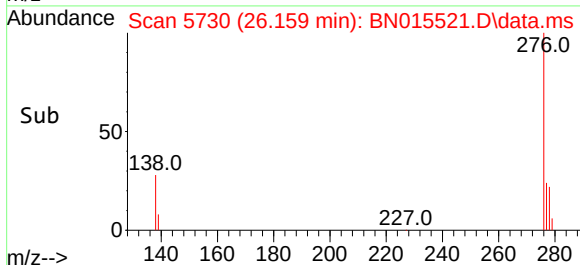
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Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.9	28.3
125	17.2	13.5	20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.272 ng/ul
RT: 26.159 min Scan# 5730
Delta R.T. -0.011 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37



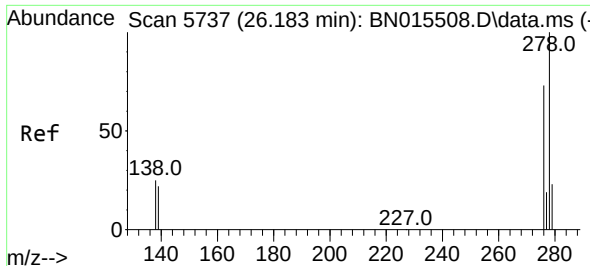
Tgt Ion:	276	Resp:	12494
Ion Ratio	Lower	Upper	
276	100		
138	30.3	26.3	39.5
227	0.3	0.1	0.1#



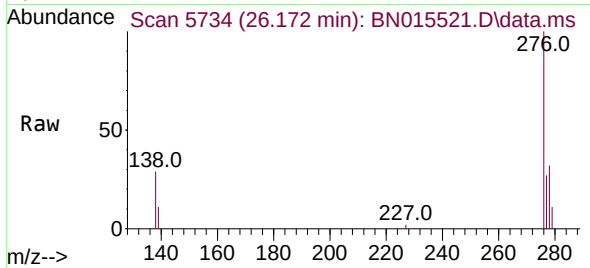
Instrument :
BNA_N
ClientSampleId :
BGDW5DL

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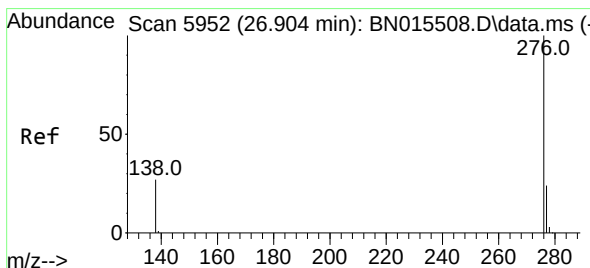
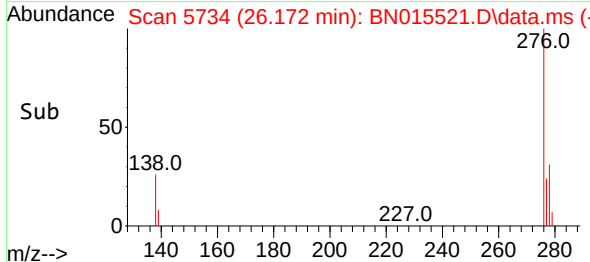
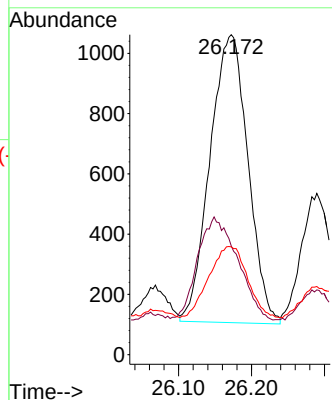
mohammad
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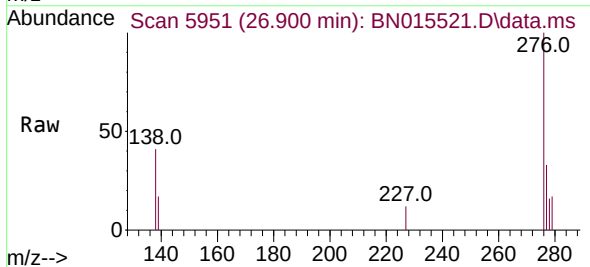
#28
Dibenzo(a,h)anthracene
Concen: 0.096 ng/ul
RT: 26.172 min Scan# 5734
Delta R.T. -0.017 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37



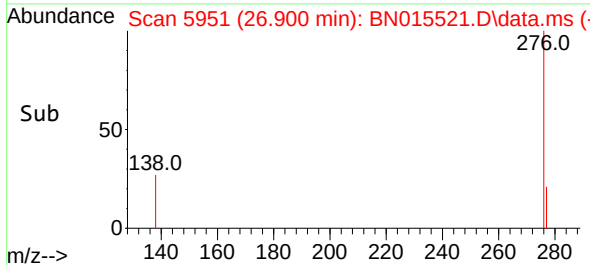
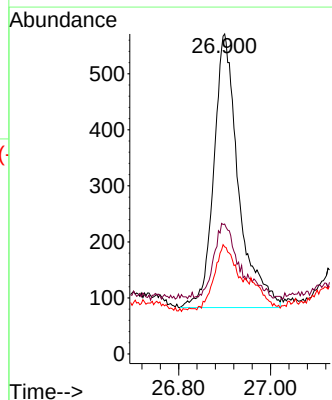
Tgt Ion:278 Resp: 3461
Ion Ratio Lower Upper
278 100
139 34.0 18.9 28.3#
279 33.7 20.8 31.2#



#29
Benzo(g,h,i)perylene
Concen: 0.043 ng/ul
RT: 26.900 min Scan# 5951
Delta R.T. -0.011 min
Lab File: BN015521.D
Acq: 13 Jul 2021 10:37



Tgt Ion:276 Resp: 1816
Ion Ratio Lower Upper
276 100
138 40.6 23.0 34.4#
277 33.5 19.3 28.9#



Instrument :
BNA_N
ClientSampleId :
BGDW5DL

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