

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016181.D
 Acq On : 03 Sep 2021 19:05
 Operator : CG/JU
 Sample : M3472-07DL 2X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B89DL

Manual Integrations
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mohammad
 9/7/2021 11:32:58 AM

Quant Time: Sep 04 03:58:53 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 : Fri Sep 03 17:05:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	3816	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	15900	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.506	164	9528	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.255	188	19606	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	19240	0.400	ng/ul #	0.00
23) Perylene-d12	23.845	264	18812	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	6238	1.404	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	2765	0.123	ng/ul	0.00
18) Fluoranthene-d10	19.285	212	8504	0.165	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	2229	0.053	ng/ul#	90
7) 2-Methylnaphthalene	12.333	142	2036	0.074	ng/ul	97
8) 1-Methylnaphthalene	12.553	142	1720	0.062	ng/ul	98
10) Acenaphthylene	14.228	152	2039	0.057	ng/ul#	86
14) Pentachlorophenol	16.908	266	214	0.067	ng/ul	98
15) Phenanthrene	17.297	178	12428	0.220	ng/ul	98
16) Anthracene	17.390	178	2341	0.048	ng/ul#	83
19) Fluoranthene	19.318	202	36569	0.571	ng/ul	97
20) Pyrene	19.680	202	35135	0.541	ng/ul	95
21) Benzo(a)anthracene	21.427	228	23523	0.400	ng/ul#	84
22) Chrysene	21.480	228	30081	0.453	ng/ul#	85
24) Benzo(b)fluoranthene	23.114	252	37666m	0.532	ng/ul	
25) Benzo(k)fluoranthene	23.158	252	14424m	0.203	ng/ul	
26) Benzo(a)pyrene	23.736	252	25264	0.421	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	26.327	276	19562	0.252	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.330	278	6152	0.096	ng/ul#	1
29) Benzo(g,h,i)perylene	27.095	276	26172	0.389	ng/ul#	75

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

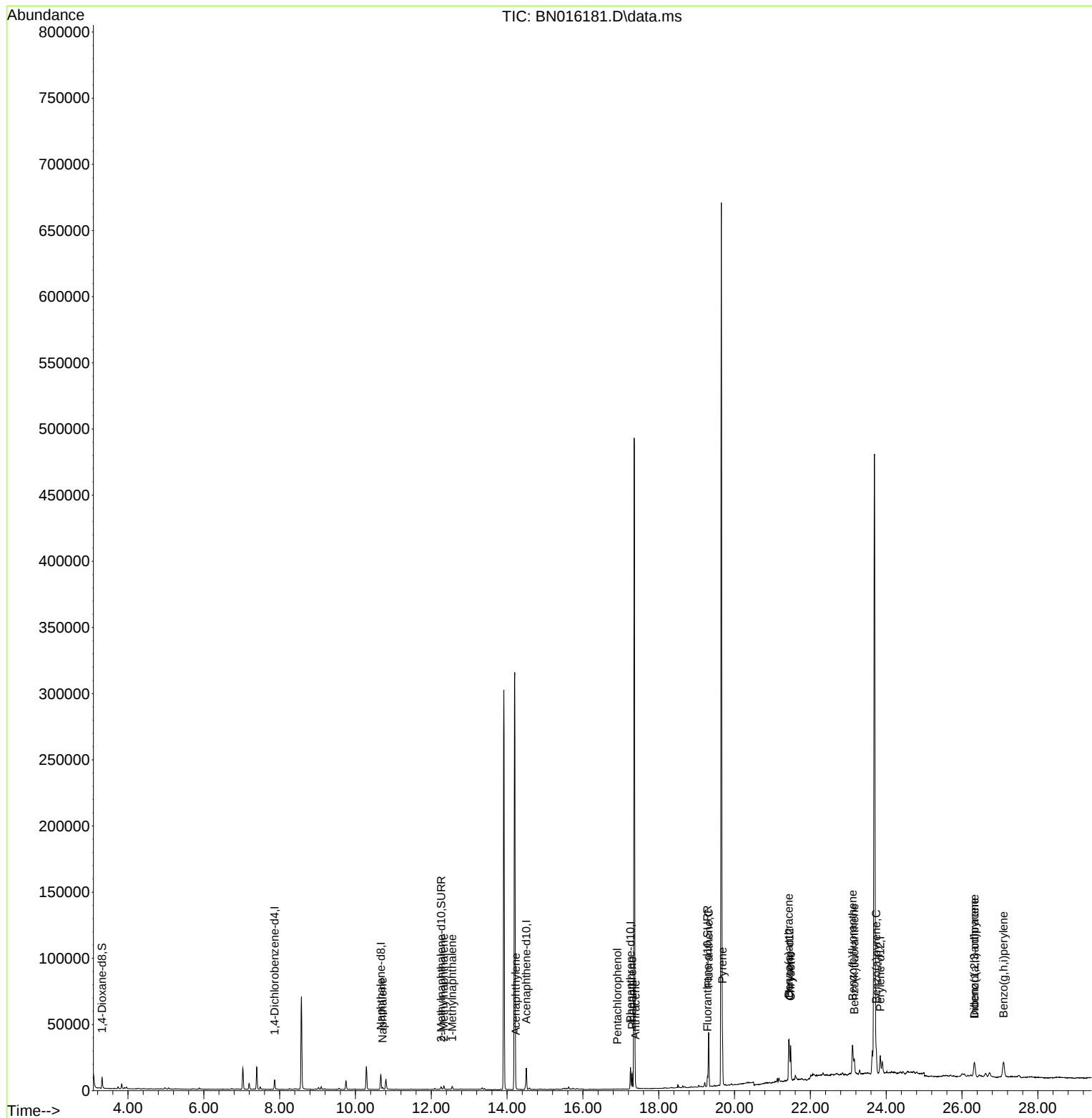
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016181.D
Acq On : 03 Sep 2021 19:05
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ALS Vial : 51 Sample Multiplier: 1

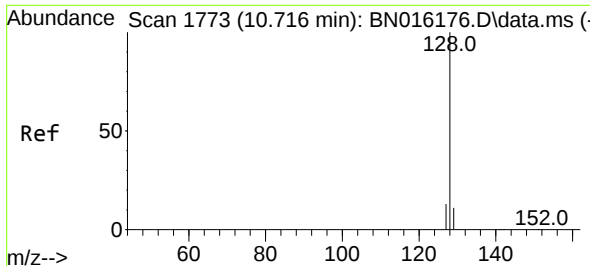
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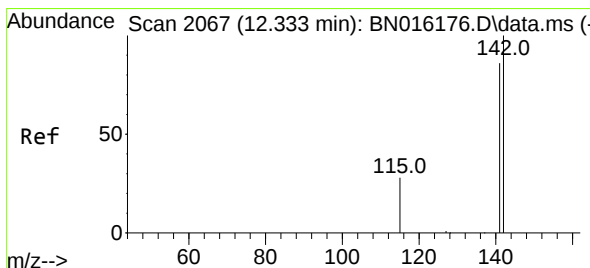
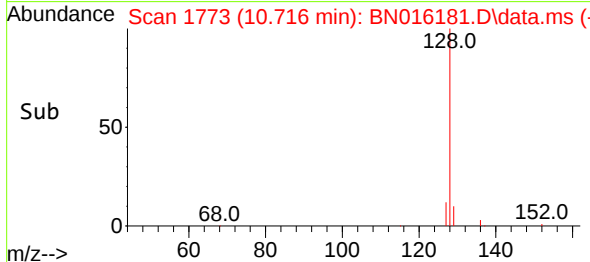
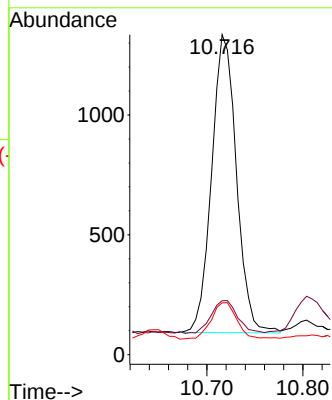
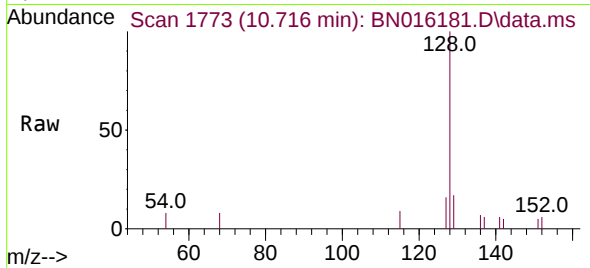
#5
Naphthalene
Concen: 0.053 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BN016181.D
Acq: 03 Sep 2021 19:05

Tgt Ion:128 Resp: 2229
Ion Ratio Lower Upper
128 100
129 16.9 9.4 14.2#
127 16.2 10.6 15.8#

Instrument :
BNA_N
ClientSampleId :
C0B89DL

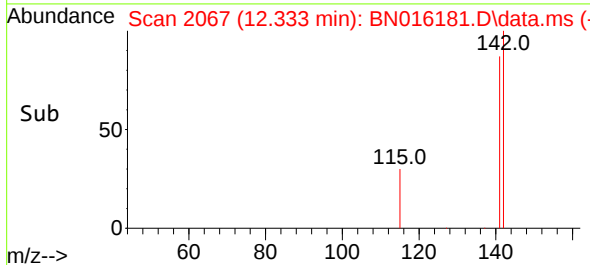
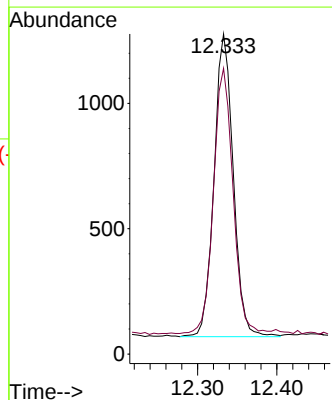
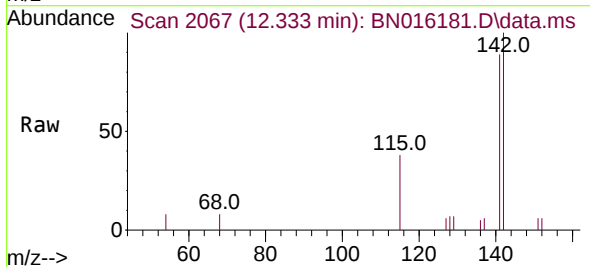
Manual Integrations
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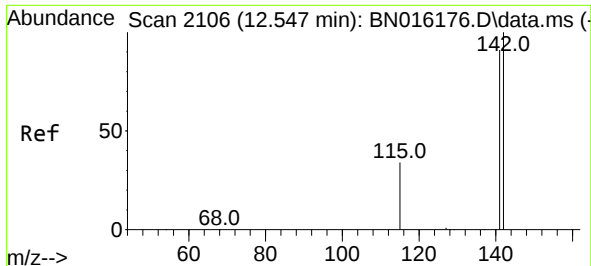
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#7
2-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BN016181.D
Acq: 03 Sep 2021 19:05

Tgt Ion:142 Resp: 2036
Ion Ratio Lower Upper
142 100
141 89.3 69.5 104.3





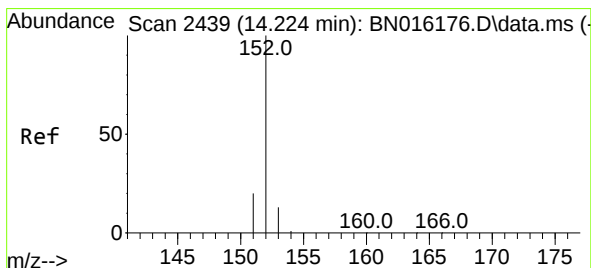
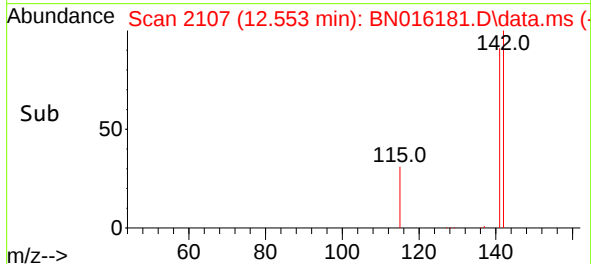
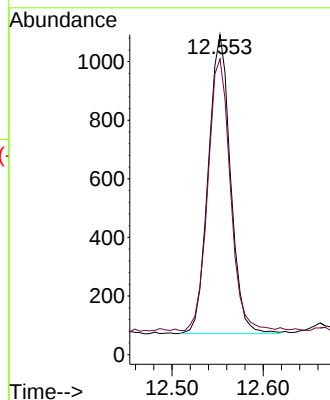
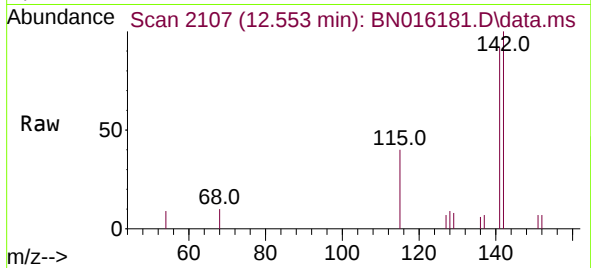
#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BN016181.D
Acq: 03 Sep 2021 19:05

Tgt Ion:142 Resp: 1720
Ion Ratio Lower Upper
142 100
141 92.1 72.2 108.4

Instrument :
BNA_N
ClientSampleId :
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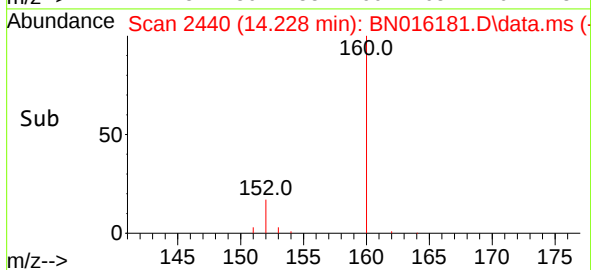
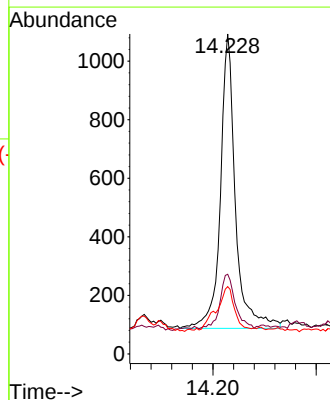
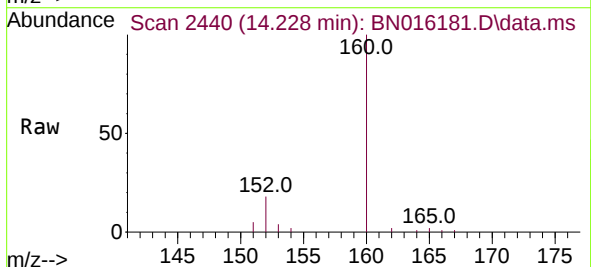
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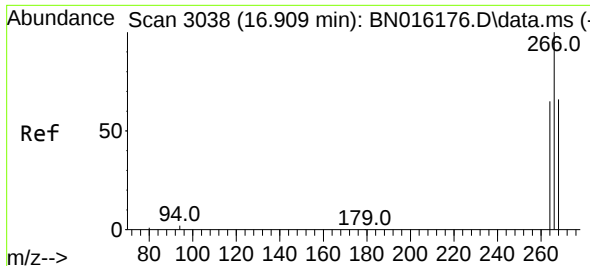
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#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.228 min Scan# 2440
Delta R.T. 0.004 min
Lab File: BN016181.D
Acq: 03 Sep 2021 19:05

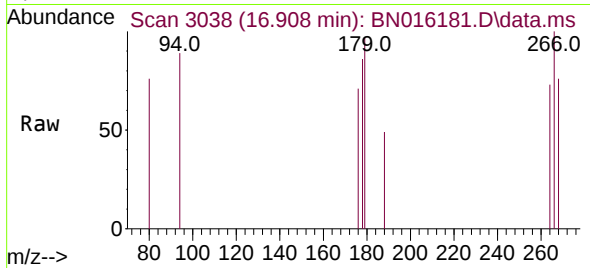
Tgt Ion:152 Resp: 2039
Ion Ratio Lower Upper
152 100
151 24.9 15.8 23.6#
153 21.0 11.2 16.8#





#14
Pentachlorophenol
Concen: 0.067 ng/ul
RT: 16.908 min Scan# 3038
Delta R.T. -0.000 min
Lab File: BN016181.D
Acq: 03 Sep 2021 19:05

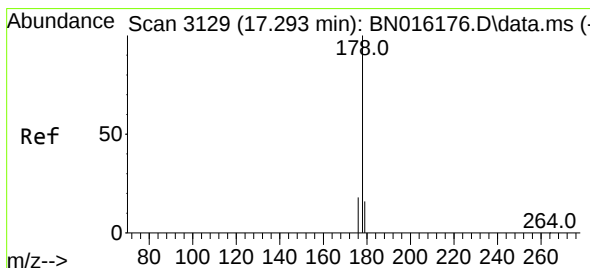
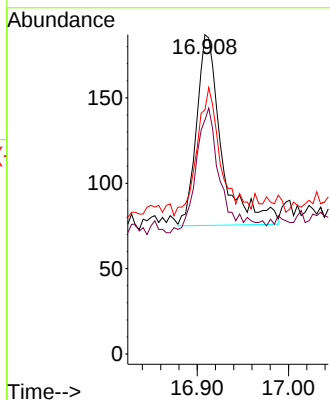
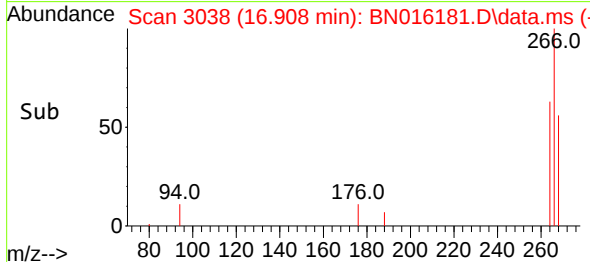
Instrument :
BNA_N
ClientSampleId :
C0B89DL



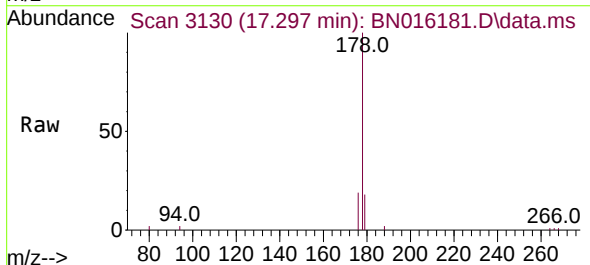
Tgt Ion:	266	Resp:	214
Ion Ratio	Lower	Upper	
266	100		
264	64.5	50.3	75.5
268	62.6	51.4	77.2

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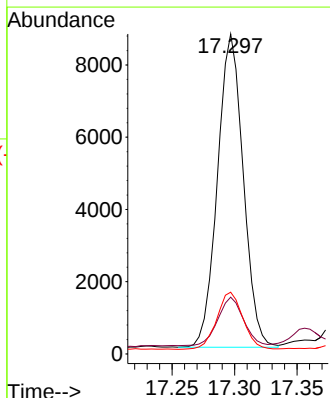
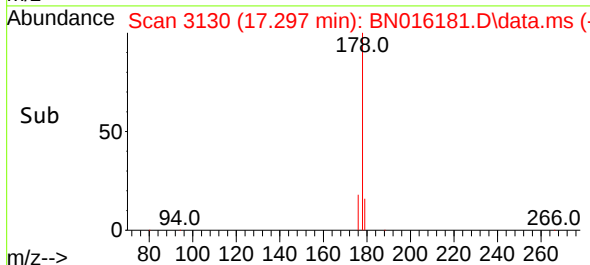
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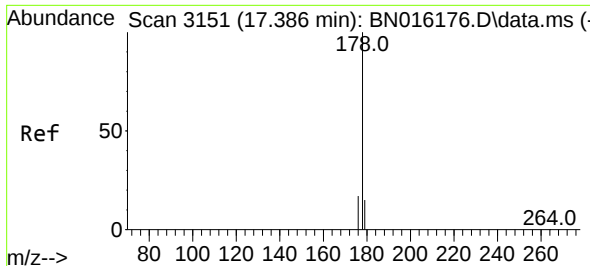


#15
Phenanthrene
Concen: 0.220 ng/ul
RT: 17.297 min Scan# 3130
Delta R.T. 0.004 min
Lab File: BN016181.D
Acq: 03 Sep 2021 19:05



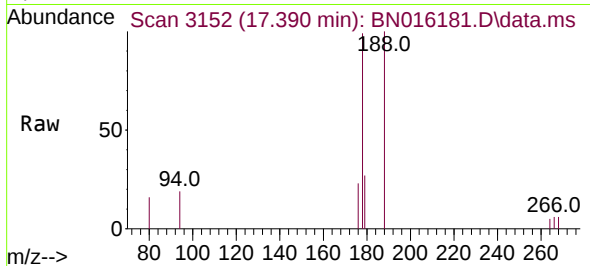
Tgt Ion:	178	Resp:	12428
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.9	19.3
176	19.3	15.2	22.8





#16
 Anthracene
 Concen: 0.048 ng/ul
 RT: 17.390 min Scan# 3152
 Delta R.T. 0.004 min
 Lab File: BN016181.D
 Acq: 03 Sep 2021 19:05

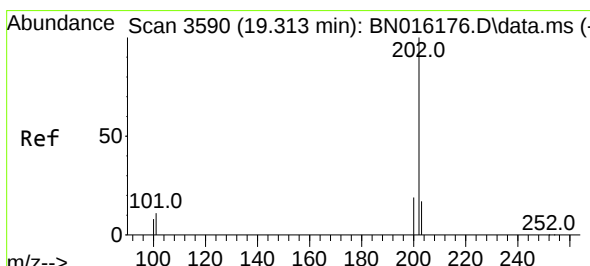
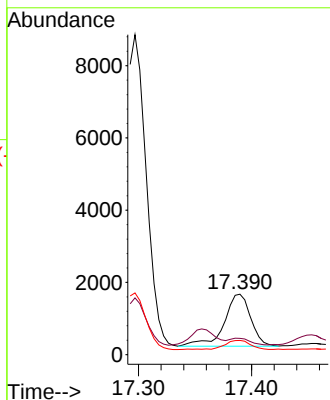
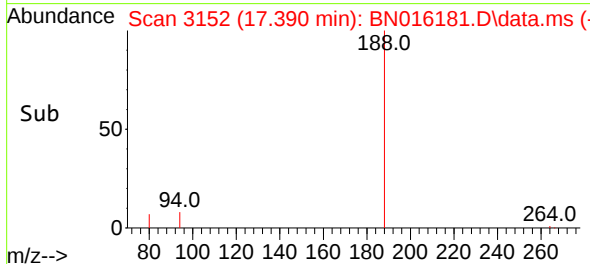
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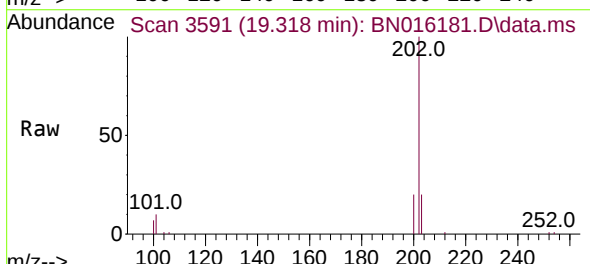
Tgt Ion:178 Resp: 2341
 Ion Ratio Lower Upper
 178 100
 179 27.0 13.3 19.9#
 176 23.5 14.9 22.3#

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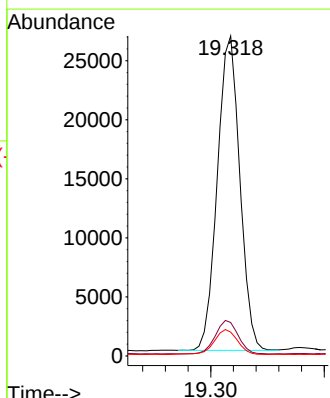
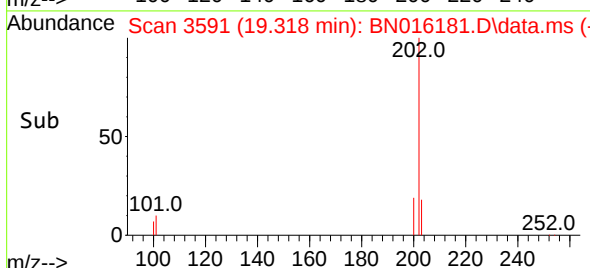
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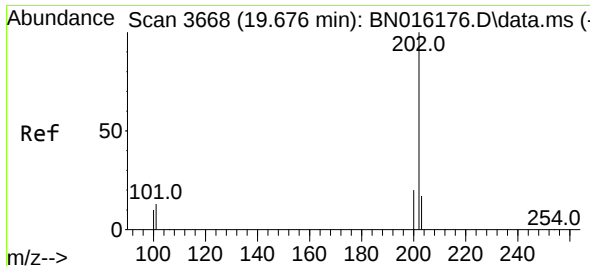


#19
 Fluoranthene
 Concen: 0.571 ng/ul
 RT: 19.318 min Scan# 3591
 Delta R.T. 0.004 min
 Lab File: BN016181.D
 Acq: 03 Sep 2021 19:05



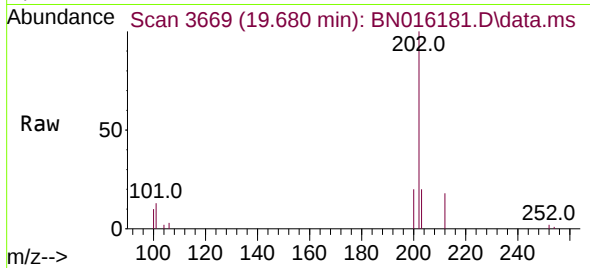
Tgt Ion:202 Resp: 36569
 Ion Ratio Lower Upper
 202 100
 101 10.4 9.2 13.8
 100 7.5 6.7 10.1





#20
Pyrene
Concen: 0.541 ng/ul
RT: 19.680 min Scan# 3669
Delta R.T. 0.004 min
Lab File: BN016181.D
Acq: 03 Sep 2021 19:05

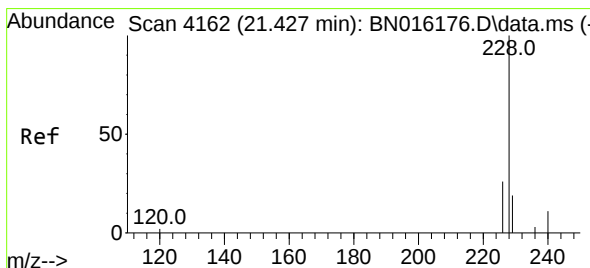
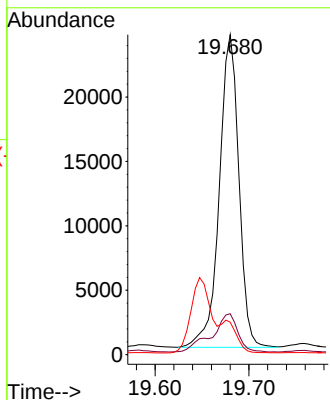
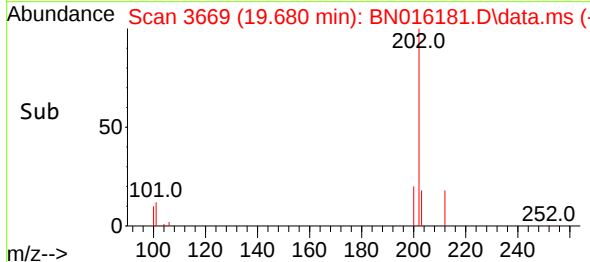
Instrument :
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ClientSampleId :
C0B89DL



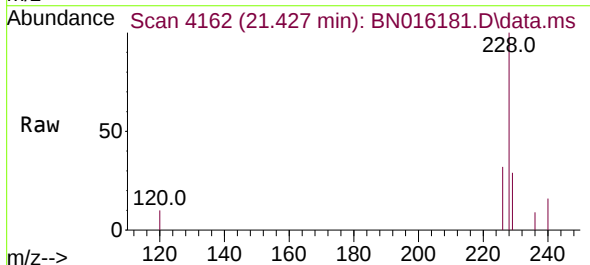
Tgt Ion:202 Resp: 35135
Ion Ratio Lower Upper
202 100
101 12.8 11.5 17.3
100 10.2 9.8 14.8

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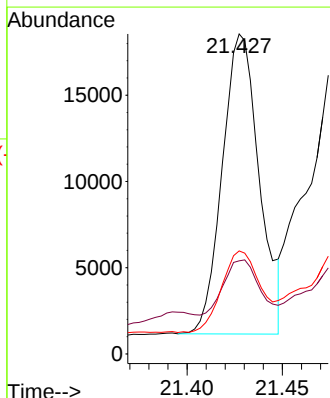
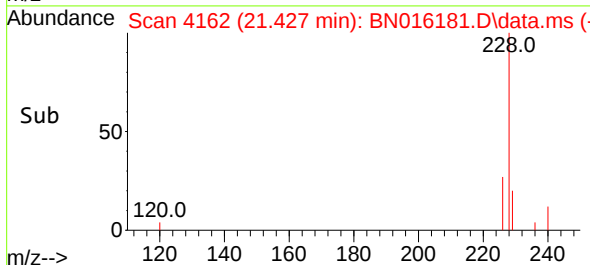
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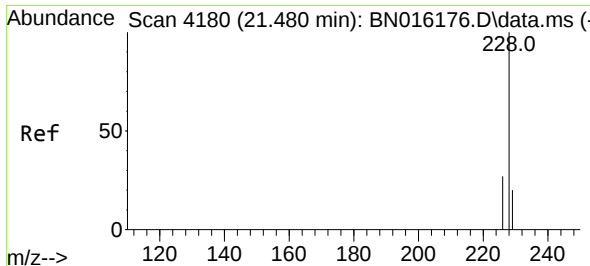


#21
Benzo(a)anthracene
Concen: 0.400 ng/ul
RT: 21.427 min Scan# 4162
Delta R.T. -0.000 min
Lab File: BN016181.D
Acq: 03 Sep 2021 19:05

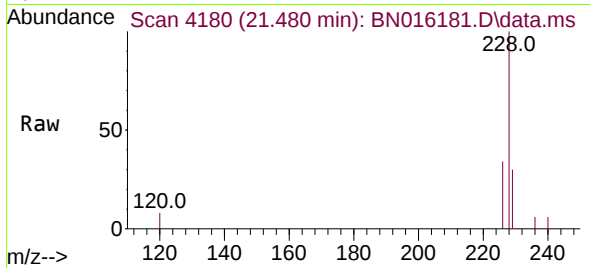


Tgt Ion:228 Resp: 23523
Ion Ratio Lower Upper
228 100
229 29.1 15.7 23.5#
226 32.2 20.8 31.2#

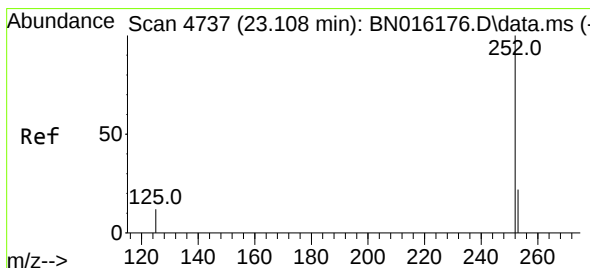
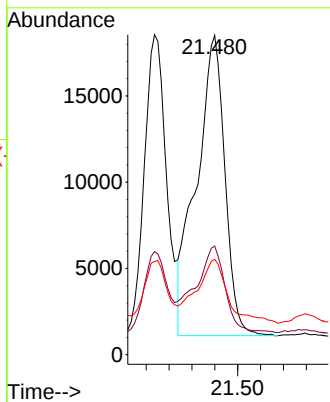
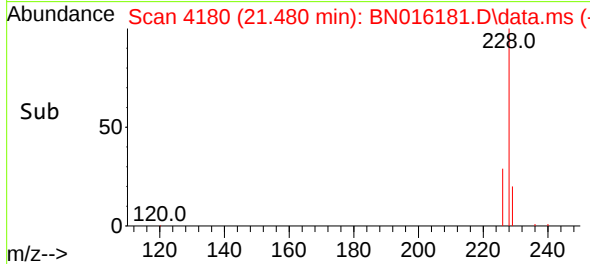




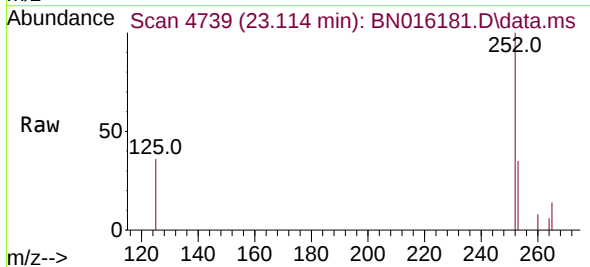
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Chrysene
Concen: 0.453 ng/ul
RT: 21.480 min Scan# 4180
Delta R.T. -0.000 min
Lab File: BN016181.D
Acq: 03 Sep 2021 19:05



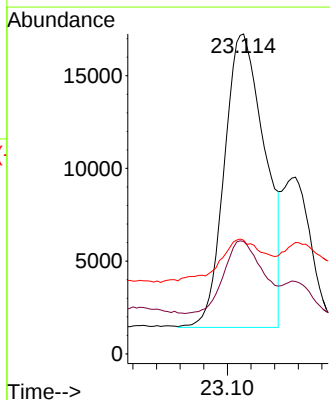
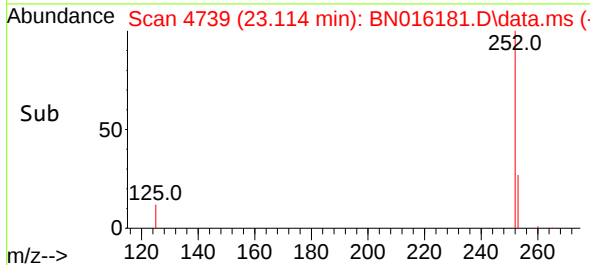
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Ion Ratio Lower Upper
228 100
226 34.0 23.2 34.8
229 29.9 15.6 23.4#



#24
Benzo(b)fluoranthene
Concen: 0.532 ng/ul m
RT: 23.114 min Scan# 4739
Delta R.T. 0.006 min
Lab File: BN016181.D
Acq: 03 Sep 2021 19:05



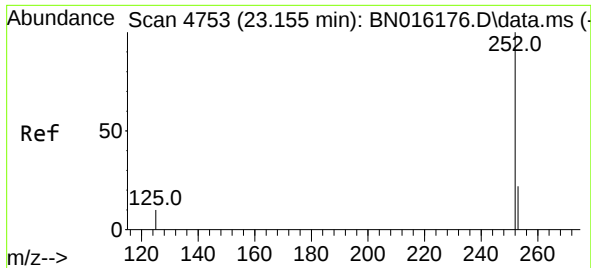
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Ion Ratio Lower Upper
252 100
253 35.1 0.0 49.4
125 35.5 0.0 27.0#



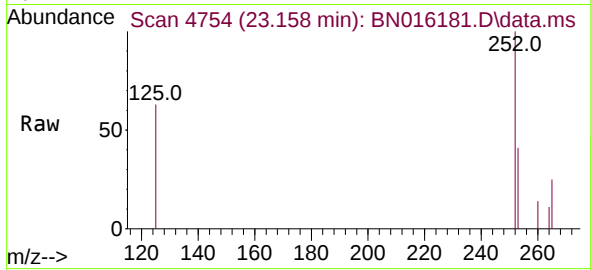
Instrument :
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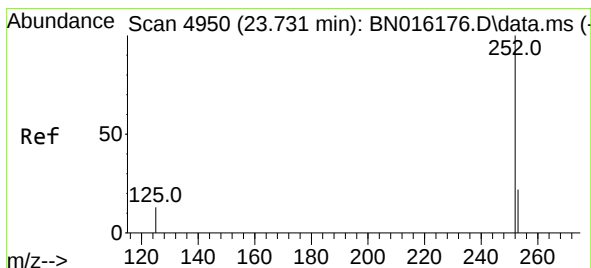
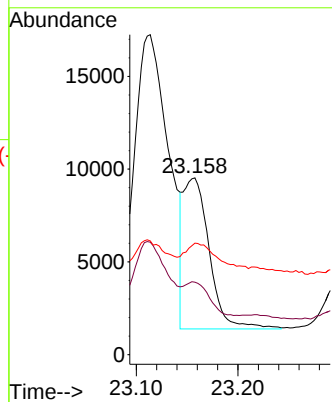
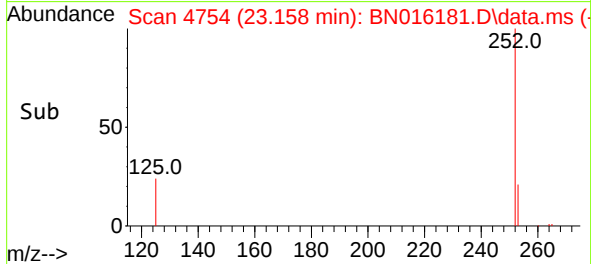
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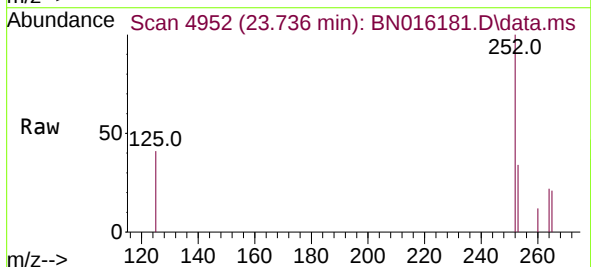
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Benzo(k)fluoranthene
Concen: 0.203 ng/ul m
RT: 23.158 min Scan# 4754
Delta R.T. 0.003 min
Lab File: BN016181.D
Acq: 03 Sep 2021 19:05



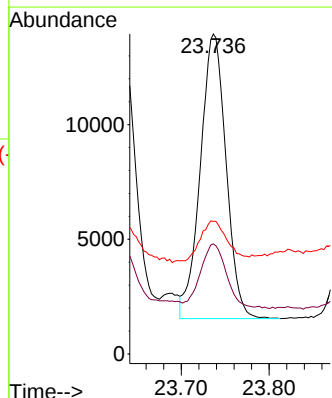
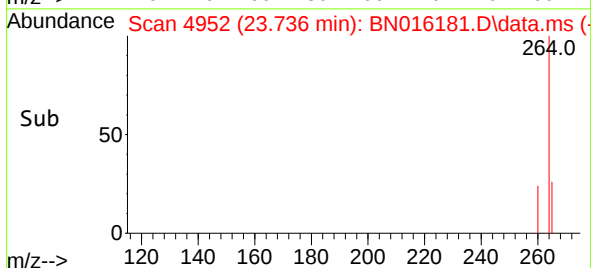
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Ion Ratio Lower Upper
252 100
253 40.9 19.4 29.0#
125 63.0 10.9 16.3#



#26
Benzo(a)pyrene
Concen: 0.421 ng/ul
RT: 23.736 min Scan# 4952
Delta R.T. 0.006 min
Lab File: BN016181.D
Acq: 03 Sep 2021 19:05



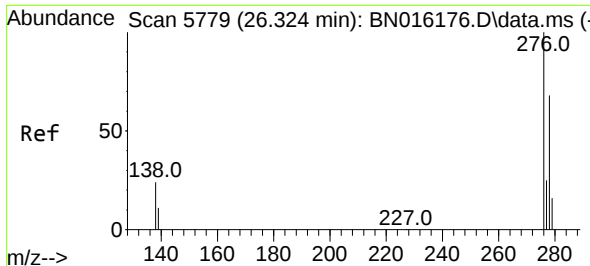
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Ion Ratio Lower Upper
252 100
253 34.4 20.2 30.2#
125 41.5 12.6 18.8#



Instrument :
BNA_N
ClientSampleId :
C0B89DL

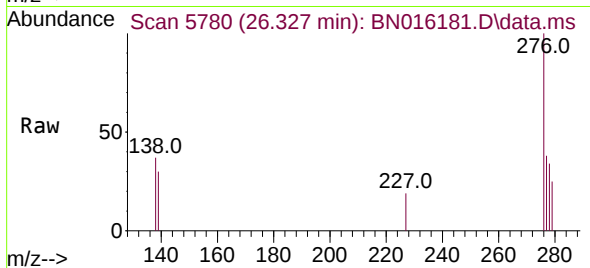
Manual Integrations
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng/ul
RT: 26.327 min Scan# 5780
Delta R.T. 0.003 min
Lab File: BN016181.D
Acq: 03 Sep 2021 19:05

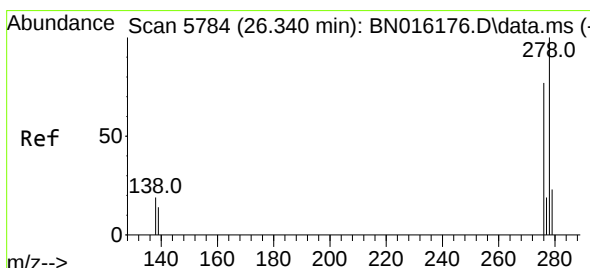
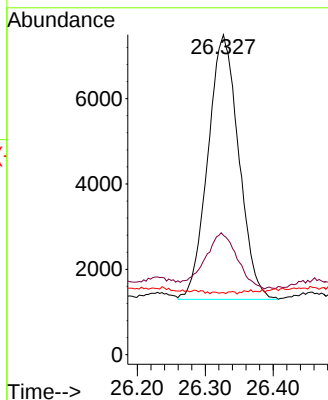
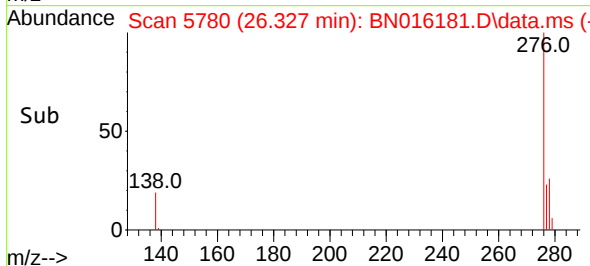
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BNA_N
ClientSampleID :
C0B89DL



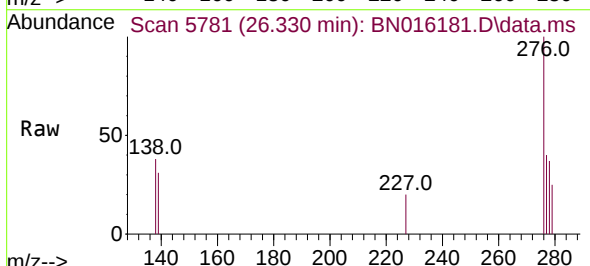
Tgt Ion: 276 Resp: 19562
Ion Ratio Lower Upper
276 100
138 22.1 22.7 34.1#
227 0.2 0.2 0.2

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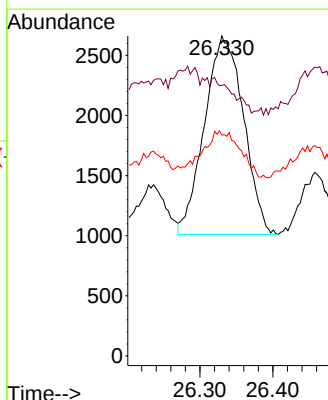
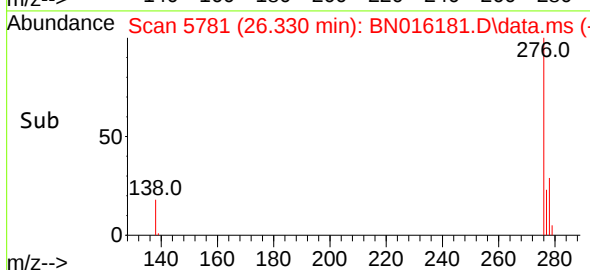
mohammad
9/7/2021 11:32:58 AM

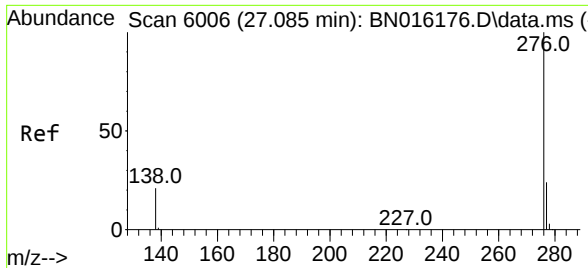


#28
Dibenzo(a,h)anthracene
Concen: 0.096 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. -0.010 min
Lab File: BN016181.D
Acq: 03 Sep 2021 19:05

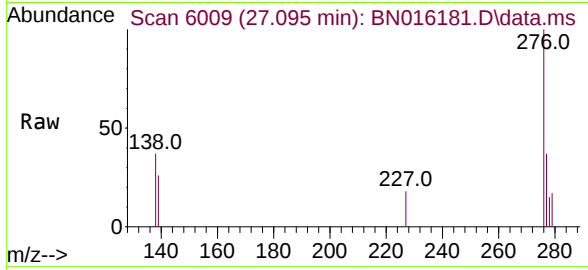


Tgt Ion: 278 Resp: 6152
Ion Ratio Lower Upper
278 100
139 84.6 15.1 22.7#
279 69.1 20.5 30.7#

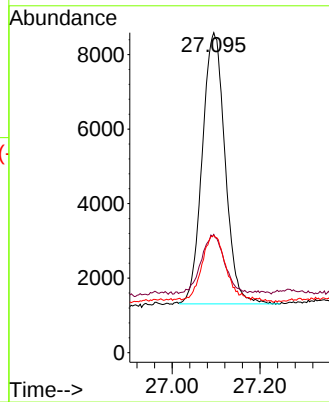
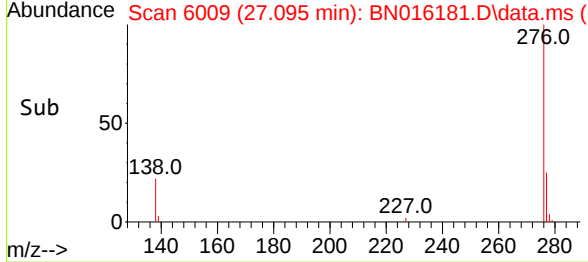




#29
 Benzo(g,h,i)perylene
 Concen: 0.389 ng/ul
 RT: 27.095 min Scan# 6009
 Delta R.T. 0.010 min
 Lab File: BN016181.D
 Acq: 03 Sep 2021 19:05



Tgt Ion:	276	Resp:	26172
Ion Ratio	Lower	Upper	
276	100		
138	36.9	19.3	28.9#
277	36.6	19.8	29.8#



Instrument :
 BNA_N
 ClientSampleId :
 C0B89DL

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:32:58 AM