

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002491.D
 Acq On : 24 Aug 2018 06:07
 Operator : JU/SJ
 Sample : J4424-14DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z60DL

Manual Integrations
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Sohil
 8/24/2018 5:12:02 PM

Quant Time: Aug 24 07:58:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 02:20:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1654	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	6822	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	3850	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	9384	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10657	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	10198m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	541	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1459	0.05	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.50	128	1115	0.063	ng/ul#	84
5) 2-Methylnaphthalene	12.13	142	313	0.026	ng/ul	97
7) Acenaphthylene	14.02	152	5253	0.291	ng/ul	97
8) Acenaphthene	14.37	153	550	0.040	ng/ul#	93
9) Fluorene	15.36	166	1916	0.122	ng/ul	96
12) Phenanthrene	17.09	178	33502m	1.207	ng/ul	
13) Anthracene	17.19	178	5118	0.215	ng/ul	94
15) Fluoranthene	19.11	202	54986	1.685	ng/ul	96
17) Pyrene	19.48	202	49033	1.349	ng/ul	97
18) Benzo(a)anthracene	21.23	228	22411	0.703	ng/ul#	83
19) Chrysene	21.29	228	26232	0.728	ng/ul	98
21) Benzo(b)fluoranthene	22.81	252	37452m	1.022	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	12593m	0.333	ng/ul	
23) Benzo(a)pyrene	23.37	252	24783	0.720	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.68	276	17303	0.482	ng/ul#	79
25) Dibenzo(a,h)anthracene	25.69	278	4252	0.150	ng/ul	98
26) Benzo(a,h,i)perylene	26.36	276	15830	0.515	ng/ul	96

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

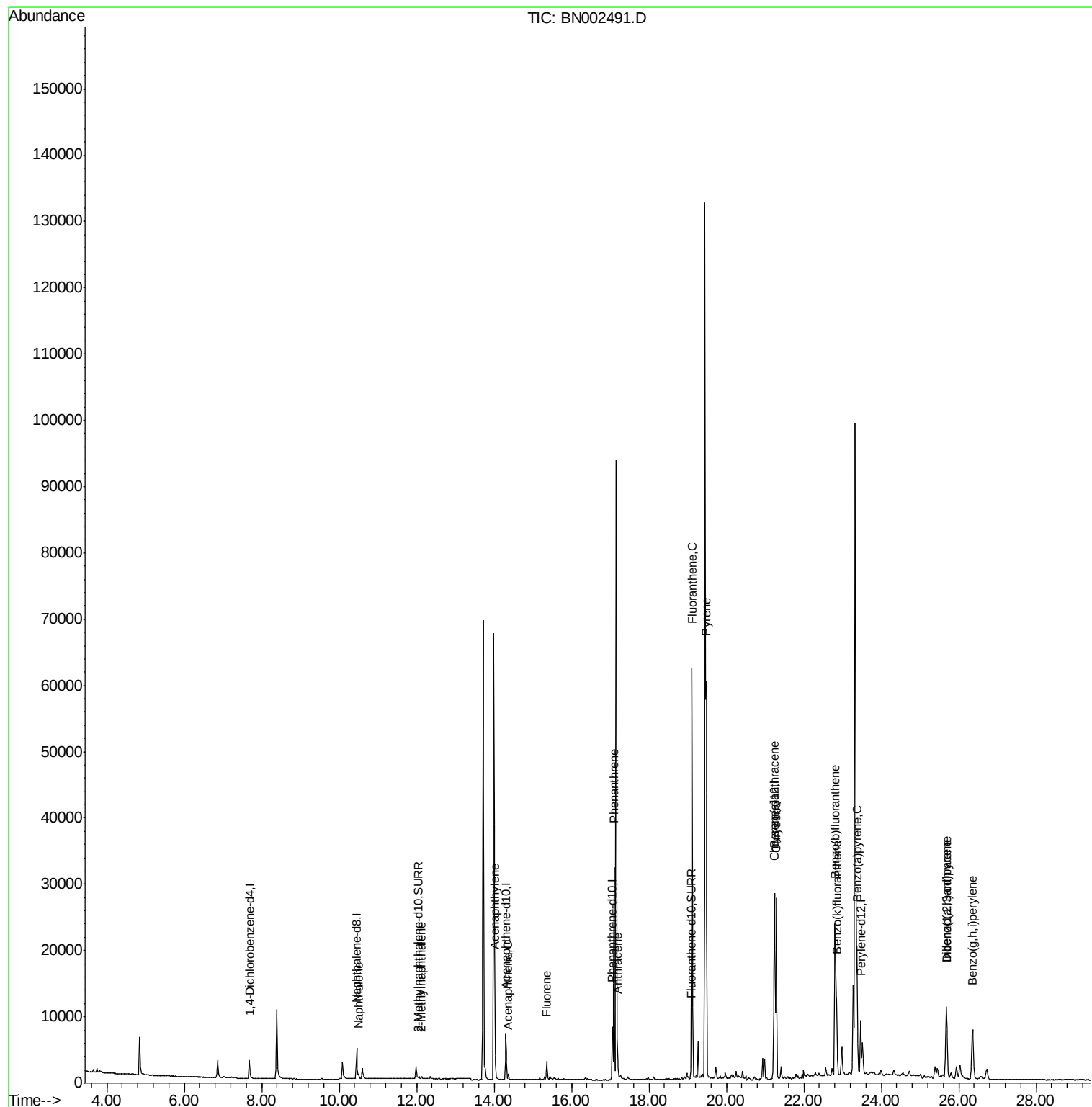
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002491.D
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ALS Vial : 27 Sample Multiplier: 1

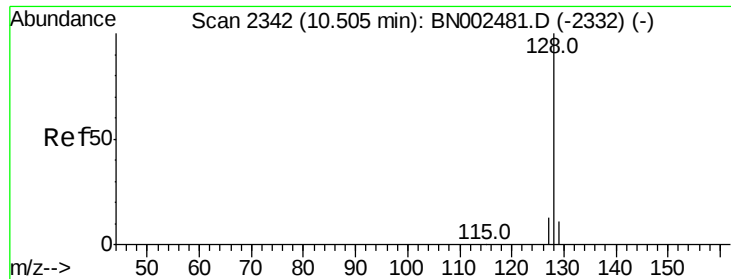
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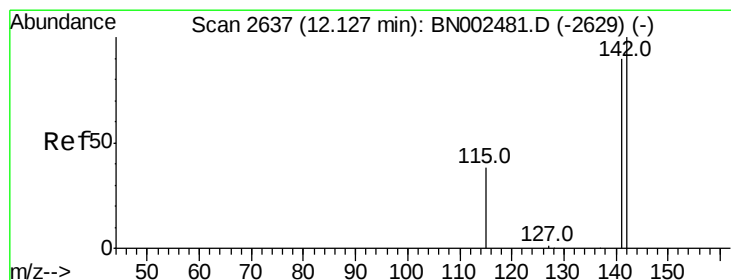
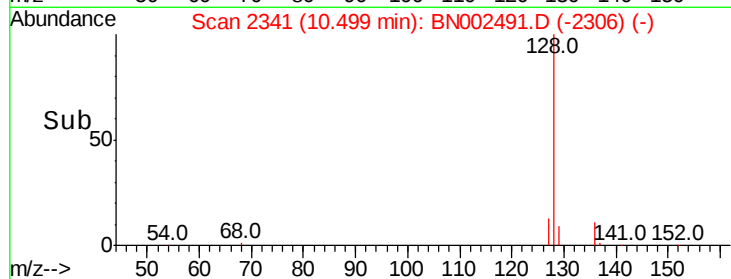
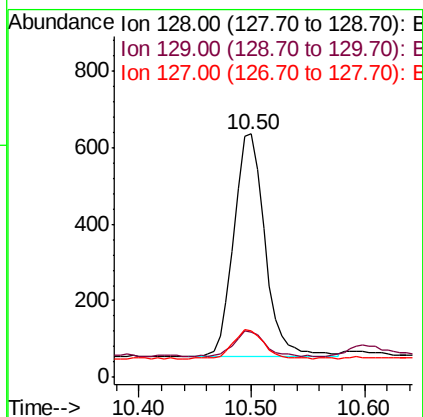
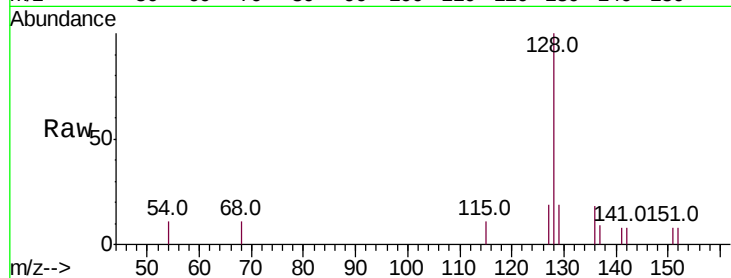
#3
Naphthalene
Concen: 0.063 ng/ul
RT: 10.50 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BN002491.D
Acq: 24 Aug 2018 06:07

Instrument :
BNA_N
ClientSampleId :
A3Z60DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	18.6	8.0	12.0#
127	19.3	12.0	18.0#

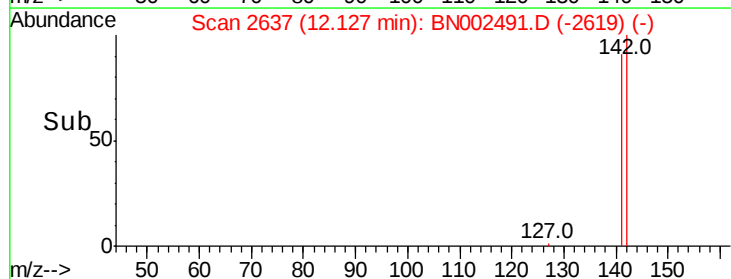
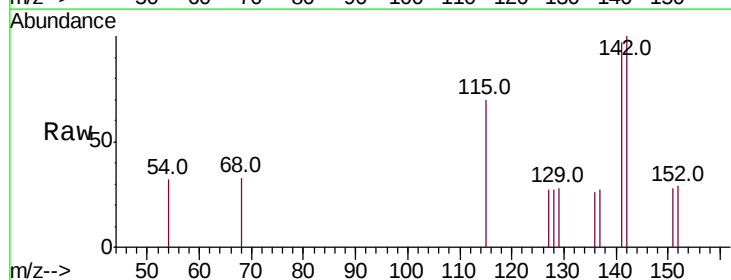
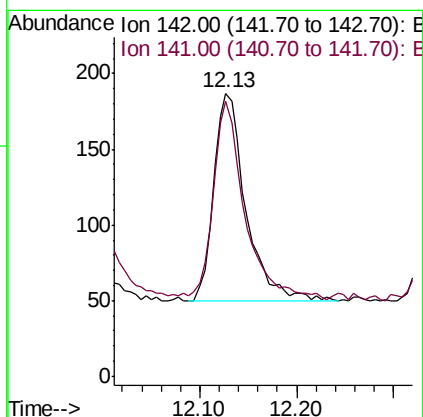
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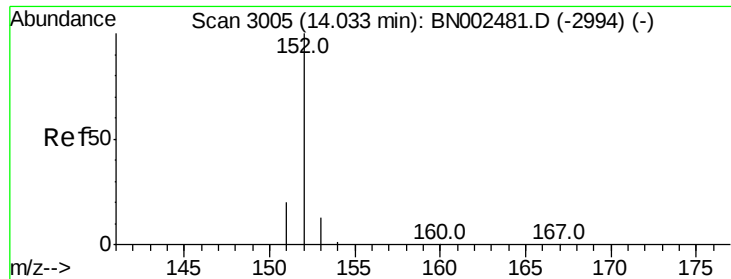
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#5
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.13 min Scan# 2637
Delta R.T. -0.00 min
Lab File: BN002491.D
Acq: 24 Aug 2018 06:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.291 ng/ul

RT: 14.02 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

Instrument :

BNA_N

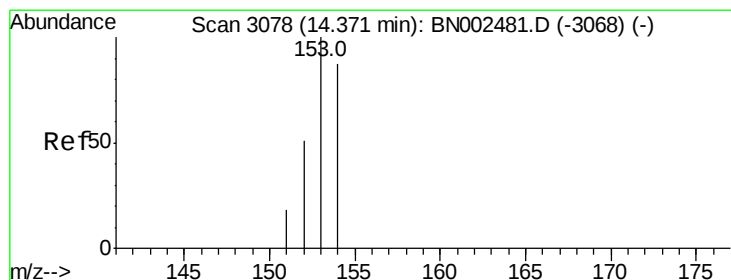
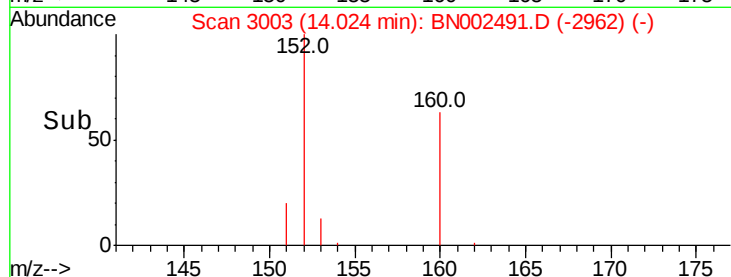
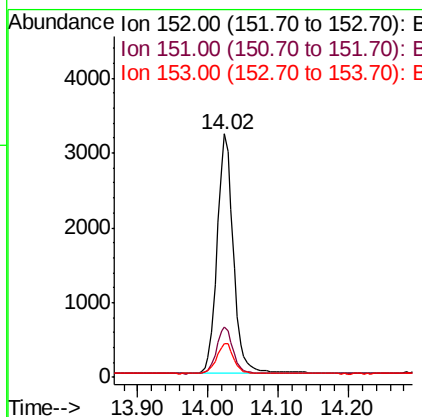
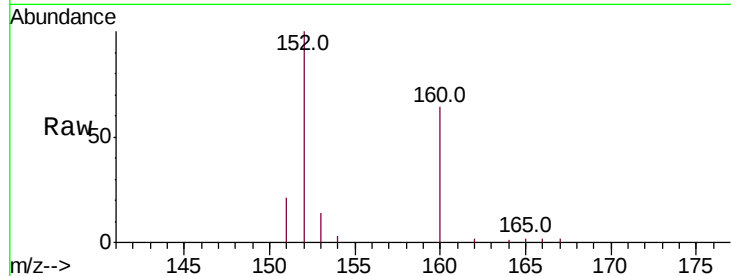
ClientSampleId :

A3Z60DL

Tot Ion:	152	Resp:	5253
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.1	25.7
153	14.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.040 ng/ul

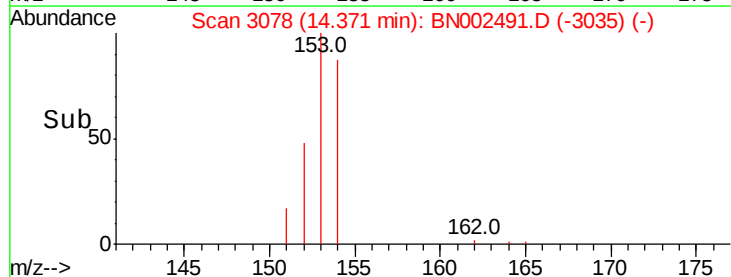
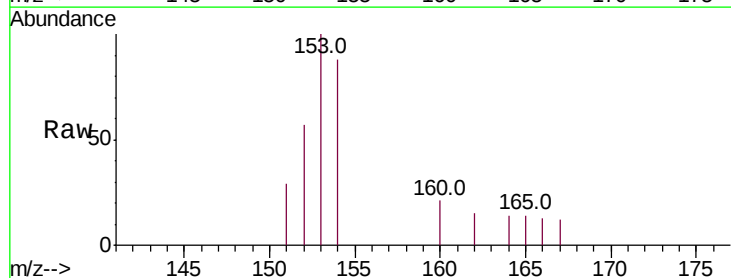
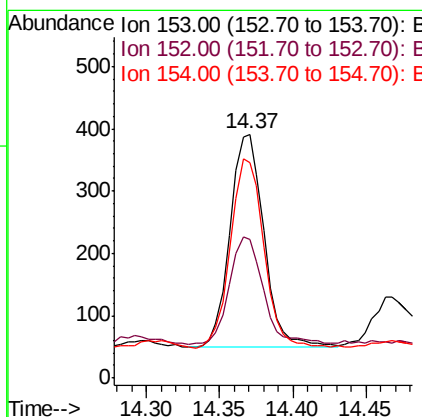
RT: 14.37 min Scan# 3078

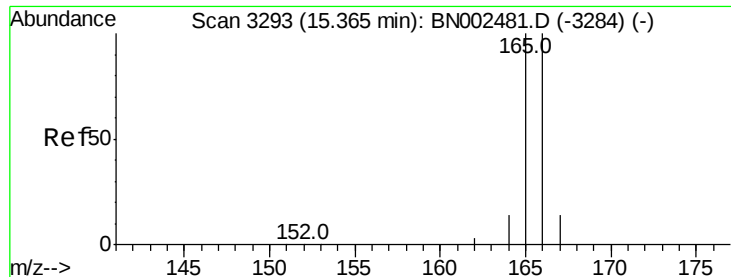
Delta R.T. -0.00 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

Tgt Ion:	153	Resp:	550
Ion Ratio	Lower	Upper	
153	100		
152	57.0	36.0	54.0#
154	88.2	72.0	108.0





#9

Fluorene

Concen: 0.122 ng/ul

RT: 15.36 min Scan# 3292

Delta R.T. -0.00 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

Instrument :

BNA_N

ClientSampleId :

A3Z60DL

Tot Ion:166 Resp: 1916

Ion Ratio Lower Upper

166 100

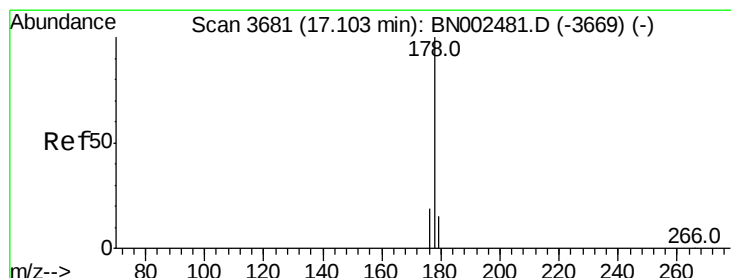
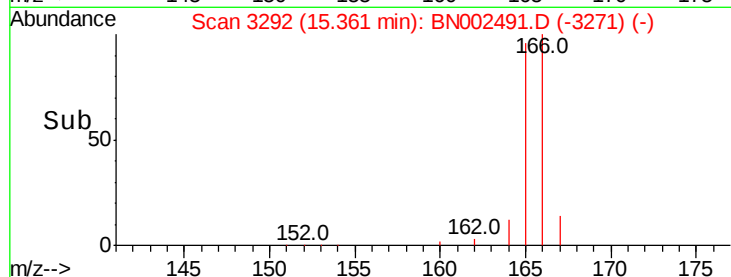
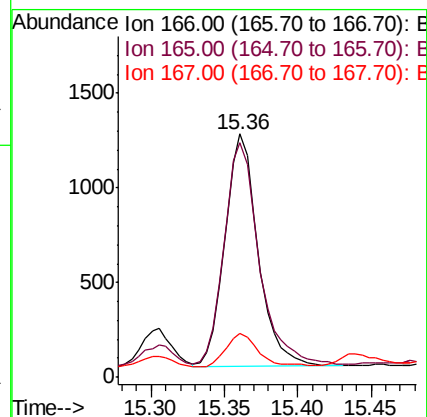
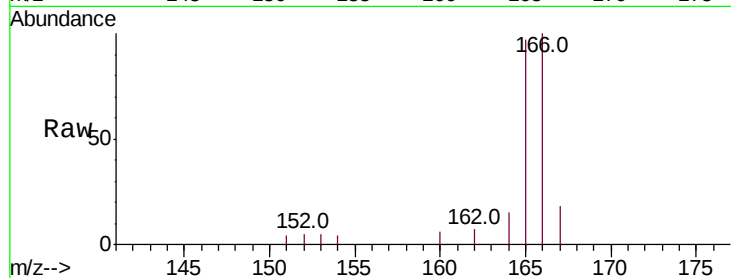
165 96.6 73.4 110.2

167 18.0 14.6 22.0

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#12

Phenanthrene

Concen: 1.207 ng/ul m

RT: 17.09 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

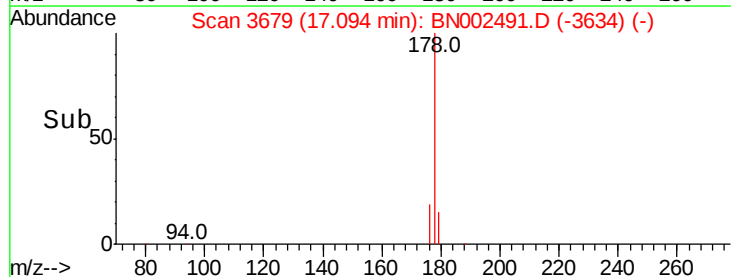
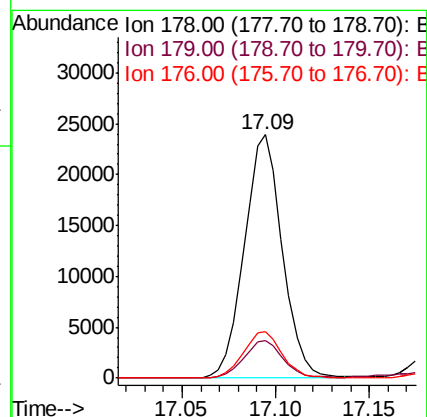
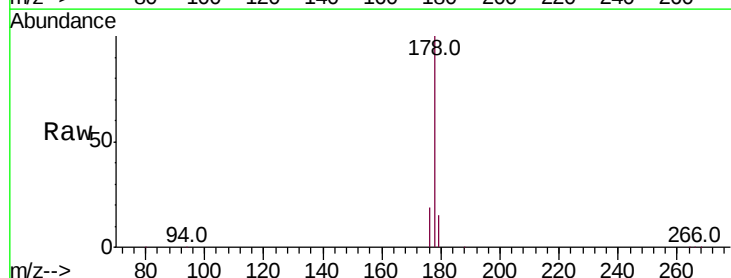
Tgt Ion:178 Resp: 33502

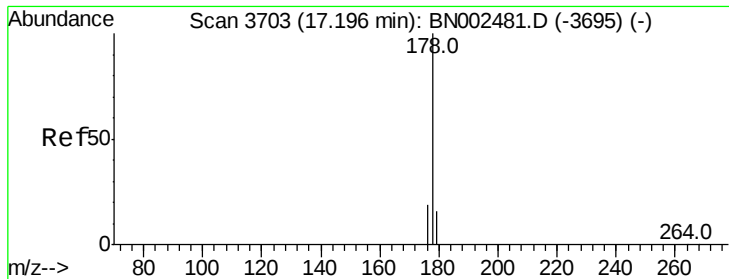
Ion Ratio Lower Upper

178 100

179 15.3 18.4 27.6#

176 19.0 13.6 20.4





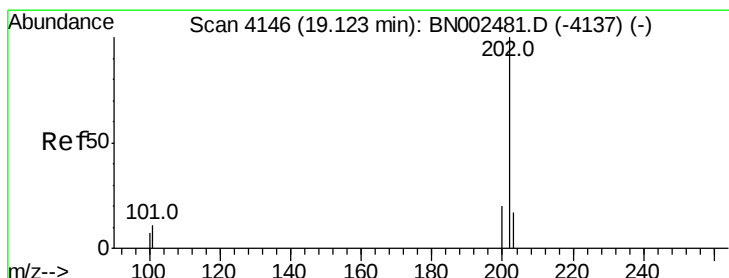
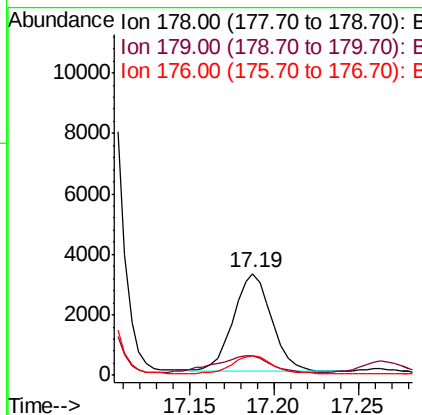
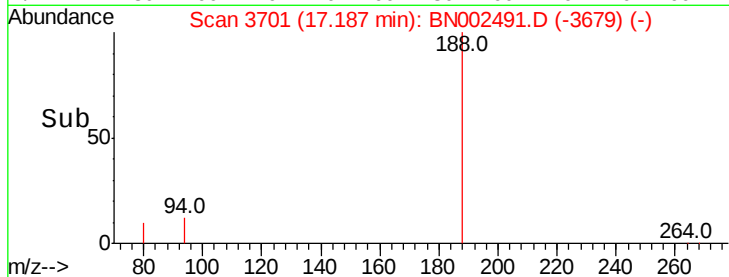
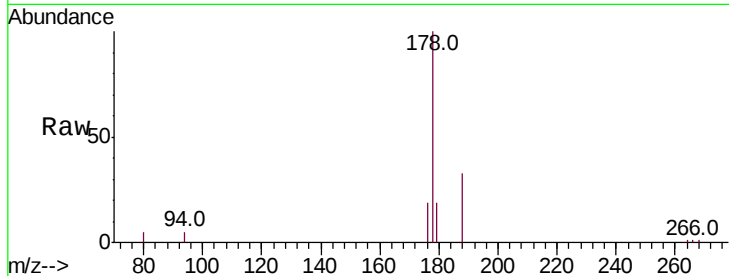
#13
 Anthracene
 Concen: 0.215 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. -0.01 min
 Lab File: BN002491.D
 Acq: 24 Aug 2018 06:07

Instrument :
 BNA_N
 ClientSampled :
 A3Z60DL

Tot Ion:178 Resp: 5118
 Ion Ratio Lower Upper
 178 100
 179 18.7 18.1 27.1
 176 19.4 14.7 22.1

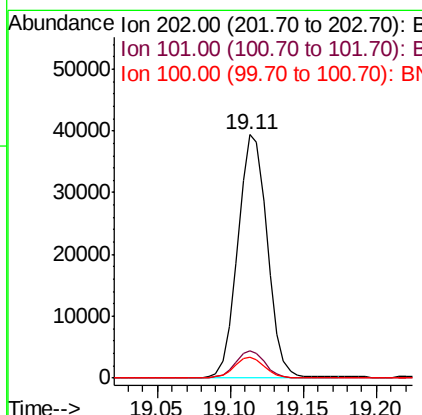
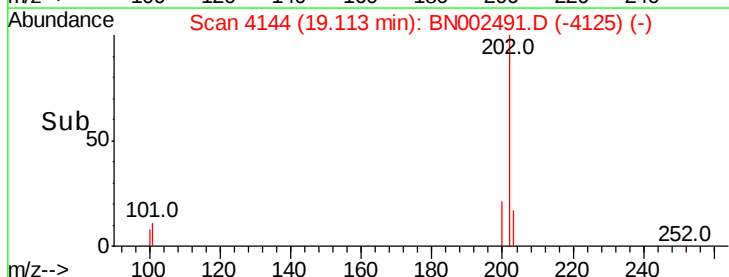
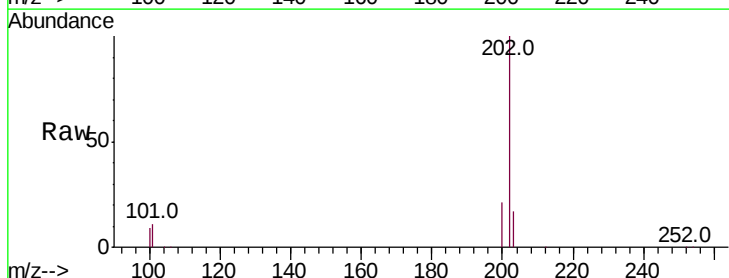
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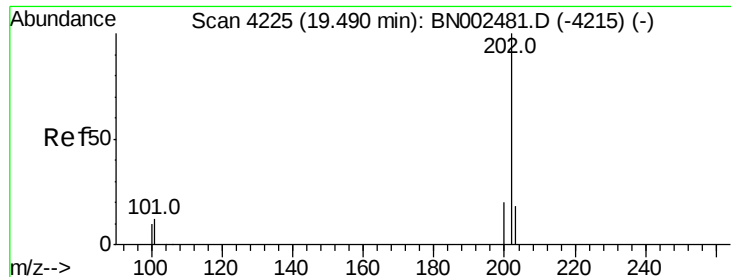
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#15
 Fluoranthene
 Concen: 1.685 ng/ul
 RT: 19.11 min Scan# 4144
 Delta R.T. -0.01 min
 Lab File: BN002491.D
 Acq: 24 Aug 2018 06:07

Tgt Ion:202 Resp: 54986
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 30.0
 100 8.6 0.0 30.0





#17

Pvrene

Concen: 1.349 ng/ul

RT: 19.48 min Scan# 4222

Delta R.T. -0.01 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

Instrument :

BNA_N

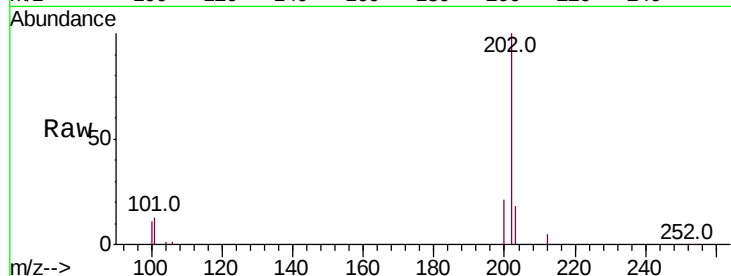
ClientSampled :

A3Z60DL

Tot Ion:	202	Resp:	49033
Ion Ratio	Lower	Upper	
202	100		
101	13.4	12.0	18.0
100	10.9	8.0	12.0

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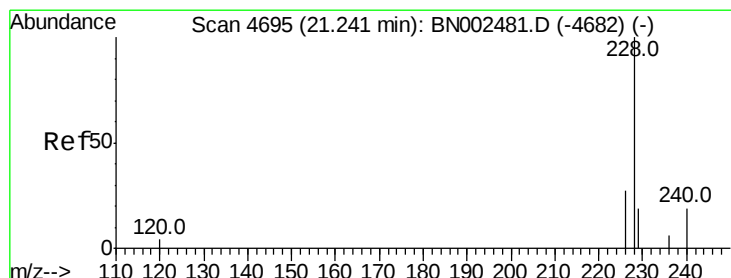
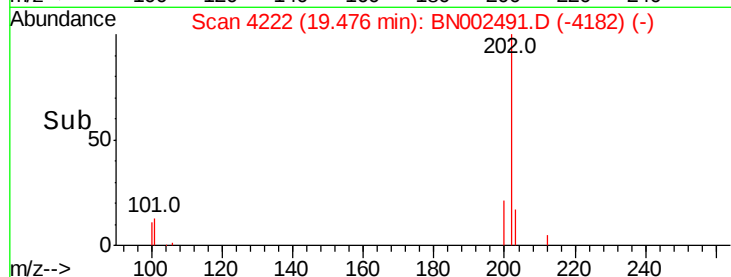
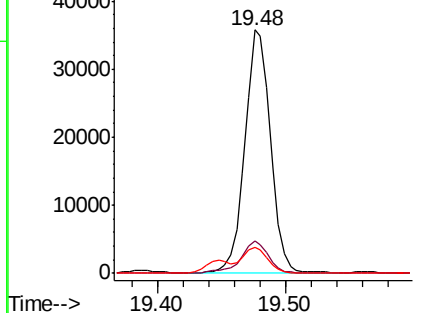
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.703 ng/ul

RT: 21.23 min Scan# 4693

Delta R.T. -0.01 min

Lab File: BN002491.D

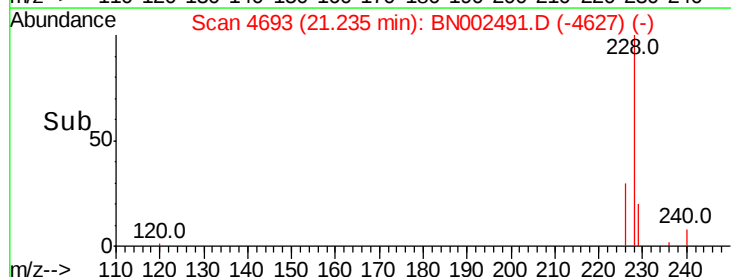
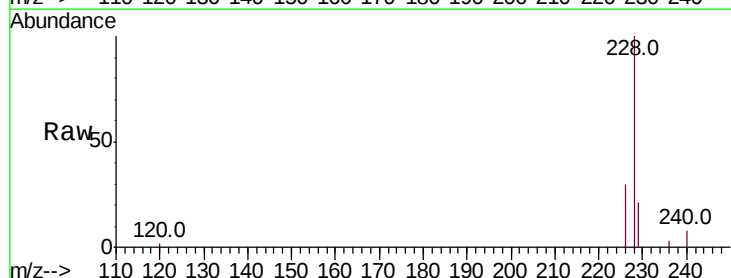
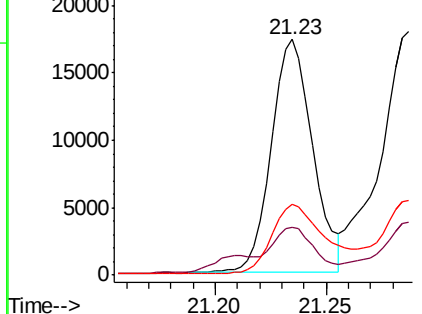
Acq: 24 Aug 2018 06:07

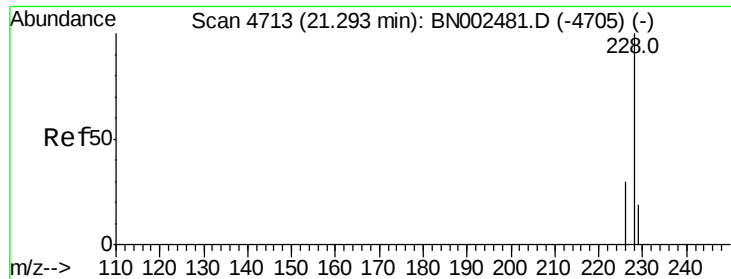
Tgt Ion:	228	Resp:	22411
Ion Ratio	Lower	Upper	
228	100		
229	20.5	22.8	34.2#
226	30.1	17.0	25.6#

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





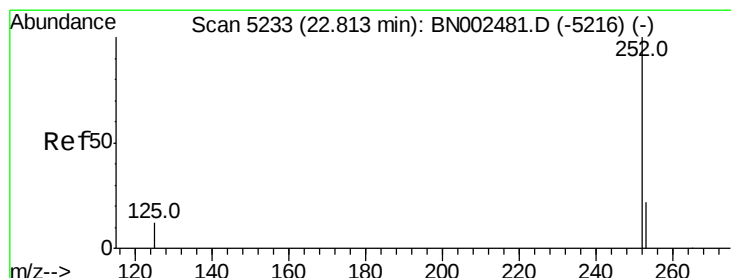
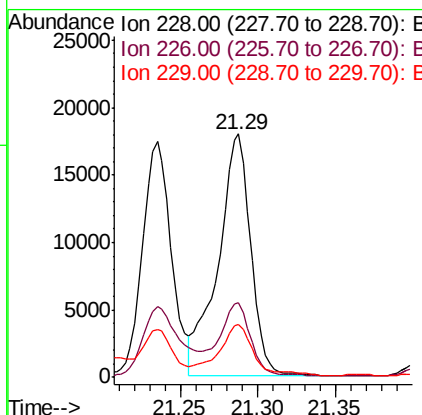
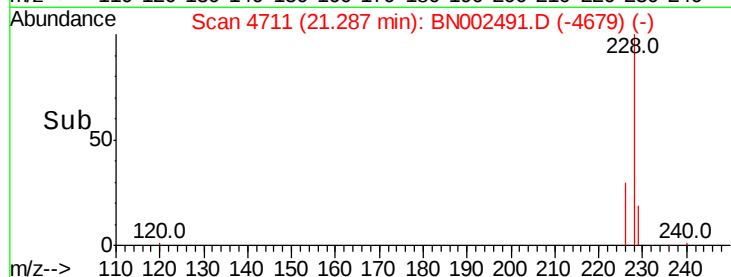
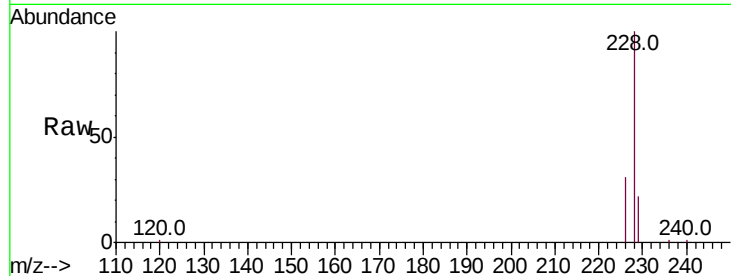
#19
Chrysene
Concen: 0.728 ng/ul
RT: 21.29 min Scan# 4711
Delta R.T. -0.01 min
Lab File: BN002491.D
Acq: 24 Aug 2018 06:07

Instrument :
BNA_N
ClientSampled :
A3Z60DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	21.7	17.7	26.5

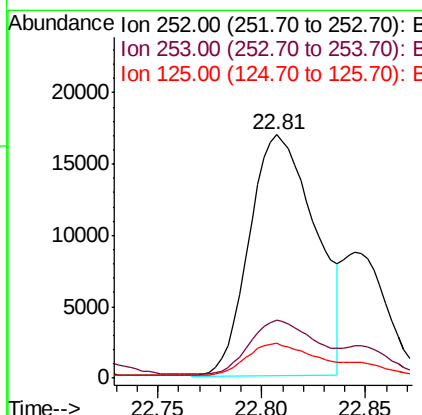
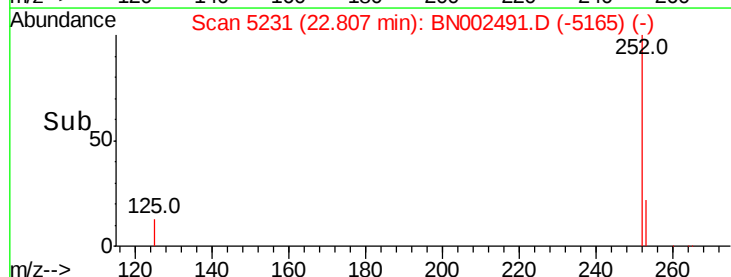
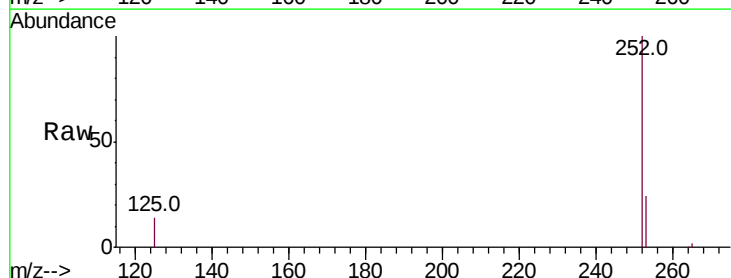
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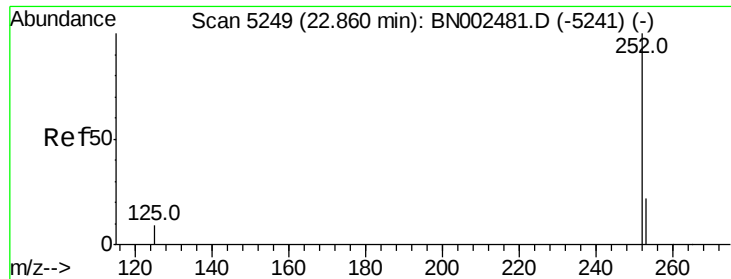
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#21
Benzo(b)fluoranthene
Concen: 1.022 ng/ul m
RT: 22.81 min Scan# 5231
Delta R.T. -0.01 min
Lab File: BN002491.D
Acq: 24 Aug 2018 06:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	64.2
125	14.1	0.0	35.0





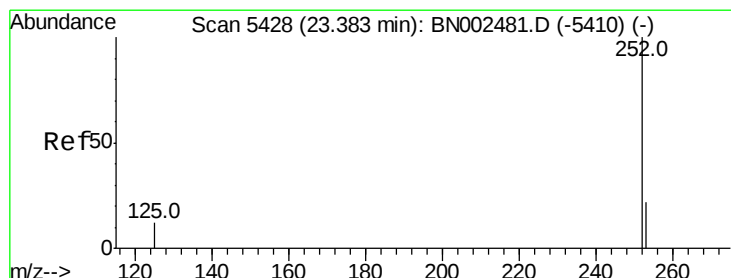
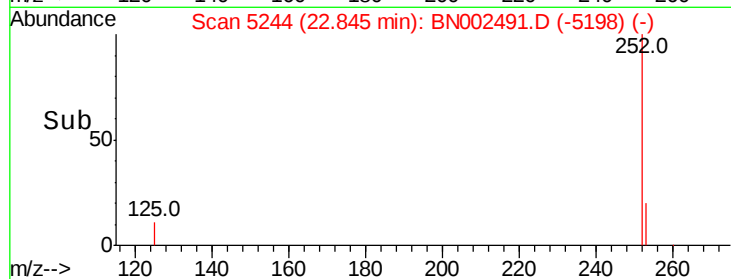
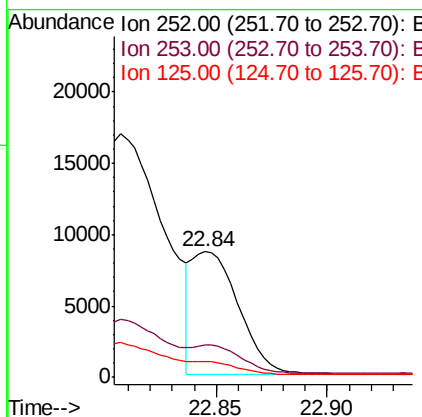
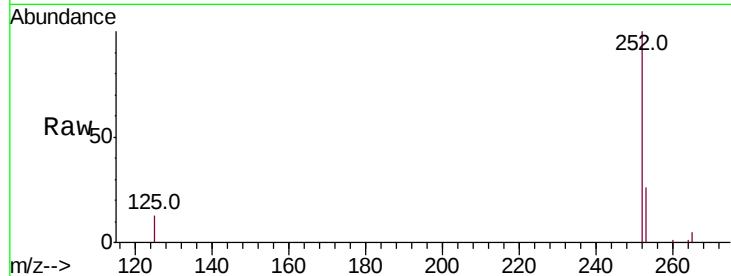
#22
Benzo(k)fluoranthene
Concen: 0.333 ng/ul m
RT: 22.84 min Scan# 5244
Delta R.T. -0.01 min
Lab File: BN002491.D
Acq: 24 Aug 2018 06:07

Instrument :
BNA_N
ClientSampled :
A3Z60DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	12593		
253	25.9	24.5	36.7	
125	12.7	13.7	20.5	#

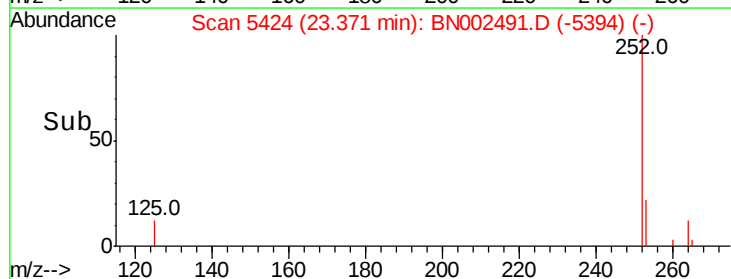
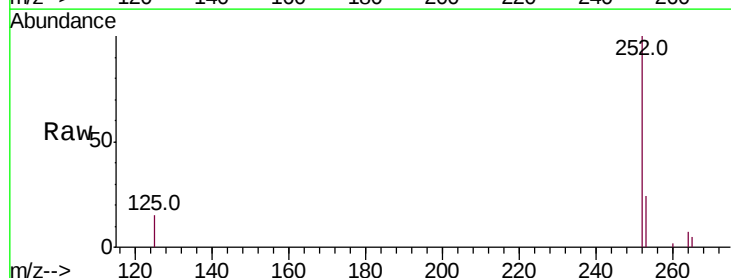
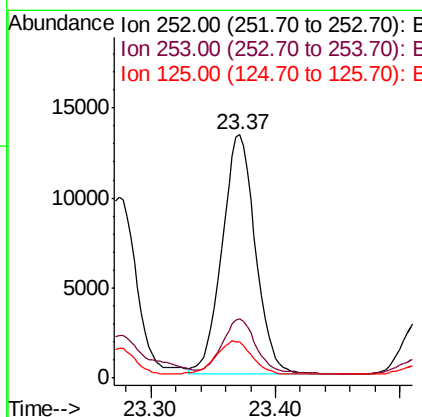
Manual Integrations
APPROVED

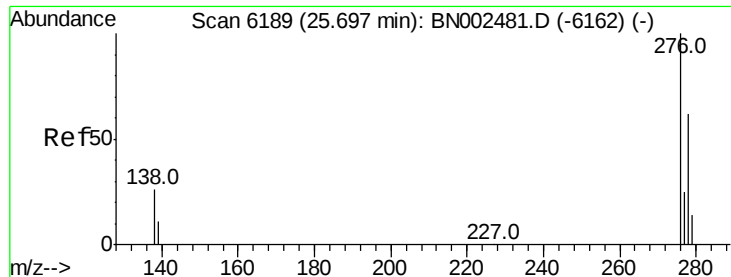
Sohil
8/24/2018 5:12:02 PM



#23
Benzo(a)pyrene
Concen: 0.720 ng/ul
RT: 23.37 min Scan# 5424
Delta R.T. -0.01 min
Lab File: BN002491.D
Acq: 24 Aug 2018 06:07

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	24783		
253	24.3	16.0	24.0	#
125	14.7	12.0	18.0	





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.482 ng/ul

RT: 25.68 min Scan# 6185

Delta R.T. -0.01 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

Instrument :

BNA_N

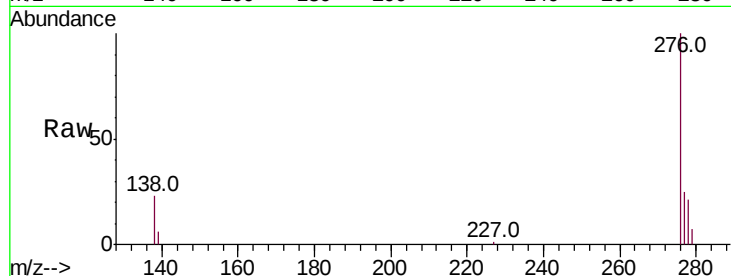
ClientSampleId :

A3Z60DL

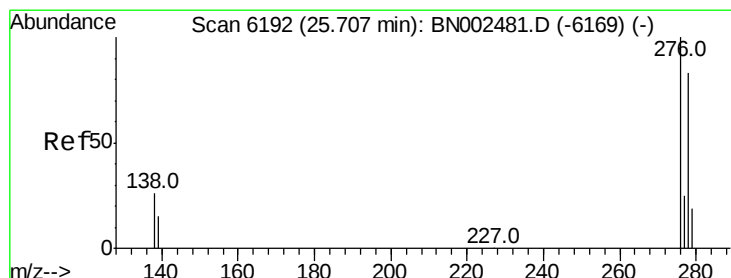
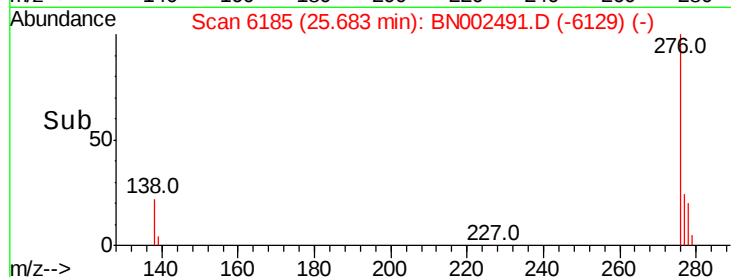
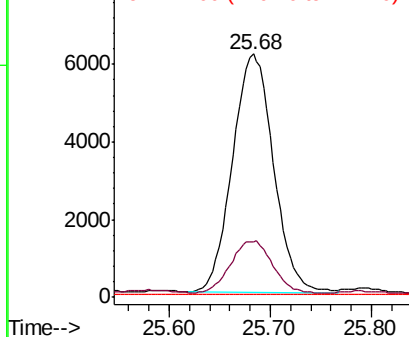
Tot Ion:	276	Resp:	17303
Ion Ratio	Lower	Upper	
276	100		
138	22.4	28.0	42.0#
227	0.2	0.8	1.2#

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.150 ng/ul

RT: 25.69 min Scan# 6187

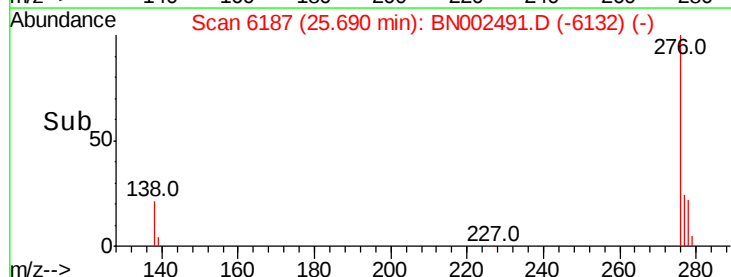
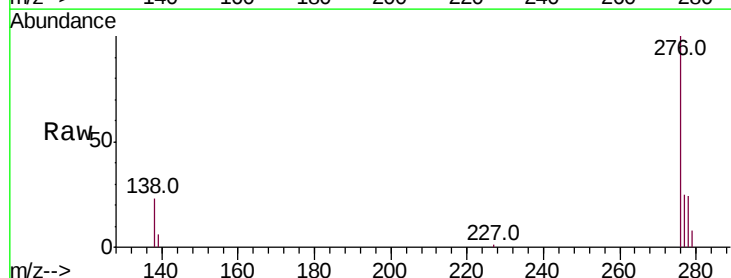
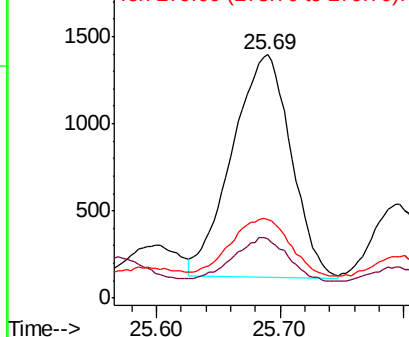
Delta R.T. -0.02 min

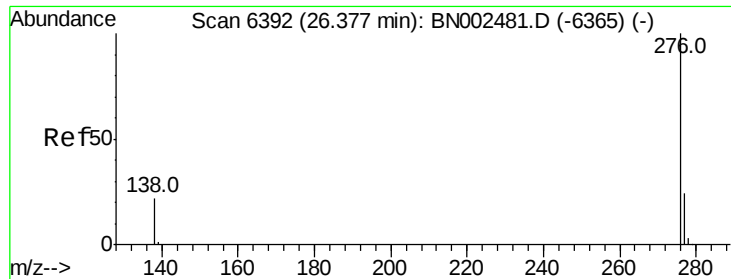
Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

Tgt Ion:	278	Resp:	4252
Ion Ratio	Lower	Upper	
278	100		
139	24.1	17.4	26.0
279	32.0	25.9	38.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(a,h,i)perylene
 Concen: 0.515 ng/ul
 RT: 26.36 min Scan# 6386
 Delta R.T. -0.02 min
 Lab File: BN002491.D
 Acq: 24 Aug 2018 06:07

Instrument :
 BNA_N
 ClientSampleId :
 A3Z60DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	21.8	32.8
277	24.9	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:12:02 PM

