

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002484.D
 Acq On : 24 Aug 2018 02:01
 Operator : JU/SJ
 Sample : J4421-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA8

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:54 PM

Quant Time: Aug 24 04:32:52 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	1773	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	7122	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	4026	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	9668m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10532m	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	9829m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	2382	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	6637m	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	777	0.042	ng/ul#	78
5) 2-Methylnaphthalene	12.13	142	437	0.034	ng/ul	100
7) Acenaphthylene	14.02	152	2925	0.155	ng/ul	99
8) Acenaphthene	14.37	153	643	0.045	ng/ul#	93
9) Fluorene	15.36	166	683	0.041	ng/ul#	91
12) Phenanthrene	17.09	178	11549m	0.404	ng/ul	
13) Anthracene	17.19	178	2619m	0.107	ng/ul	
15) Fluoranthene	19.12	202	30213m	0.899	ng/ul	
17) Pyrene	19.48	202	33721	0.939	ng/ul#	95
18) Benzo(a)anthracene	21.23	228	17817	0.566	ng/ul#	86
19) Chrysene	21.29	228	21406	0.601	ng/ul	97
21) Benzo(b)fluoranthene	22.81	252	28016m	0.793	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	8277m	0.227	ng/ul	
23) Benzo(a)pyrene	23.37	252	18716	0.564	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.69	276	11149	0.322	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.69	278	2749	0.101	ng/ul#	90
26) Benzo(a,h,i)perylene	26.37	276	11863	0.400	ng/ul	96

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

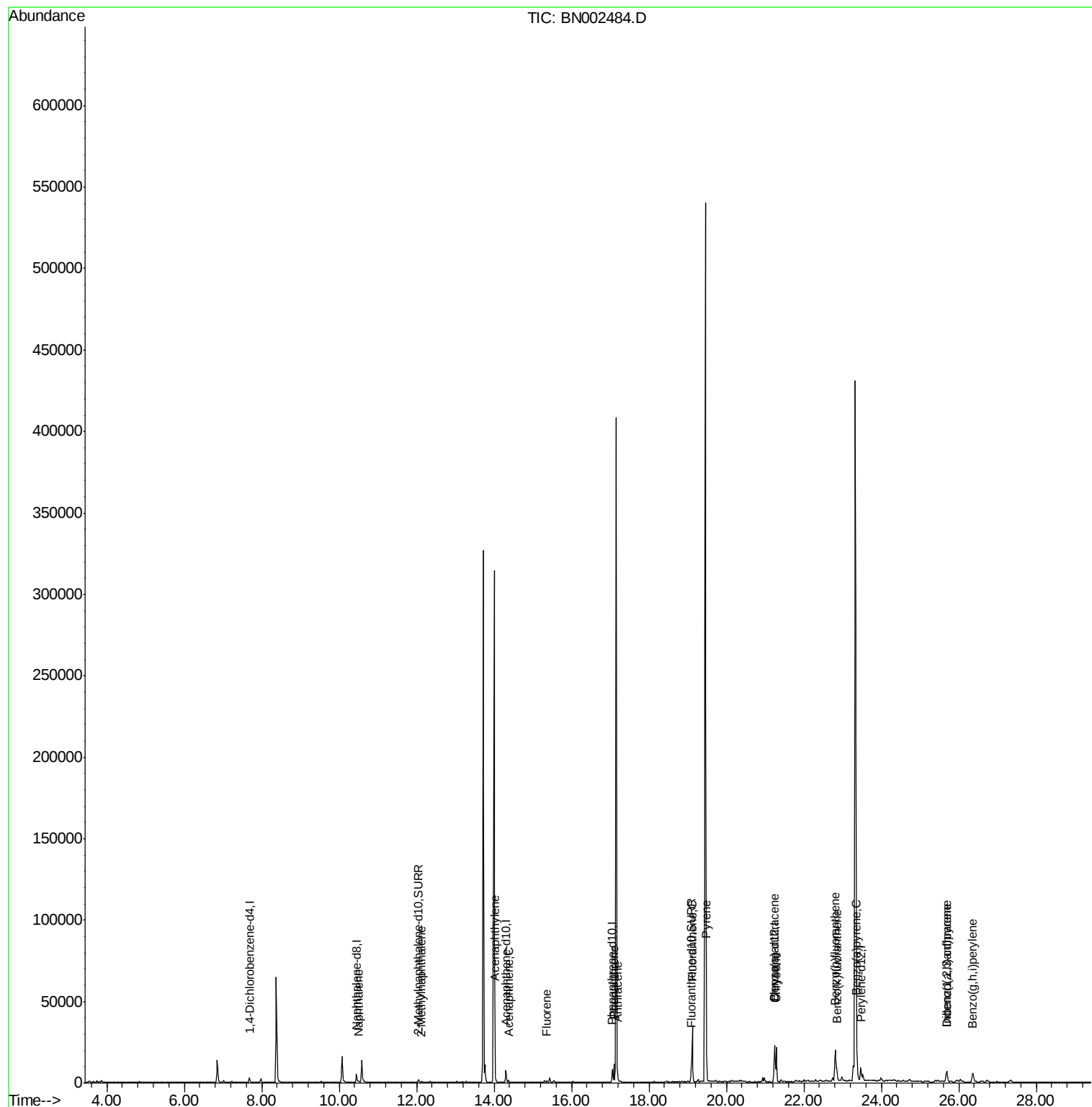
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002484.D
Acq On : 24 Aug 2018 02:01
Operator : JU/SJ
Sample : J4421-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

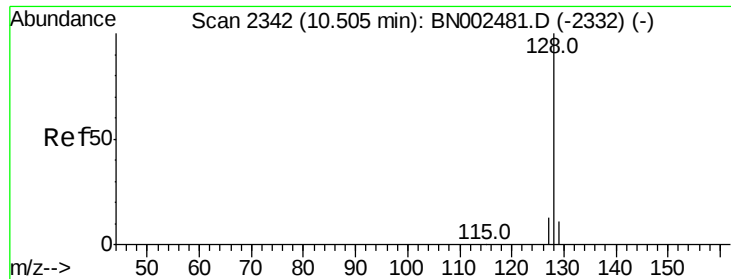
Instrument :
BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
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QLast Update : Fri Aug 24 02:20:09 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.042 ng/ul

RT: 10.49 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BN002484.D

Acq: 24 Aug 2018 02:01

Instrument :

BNA_N

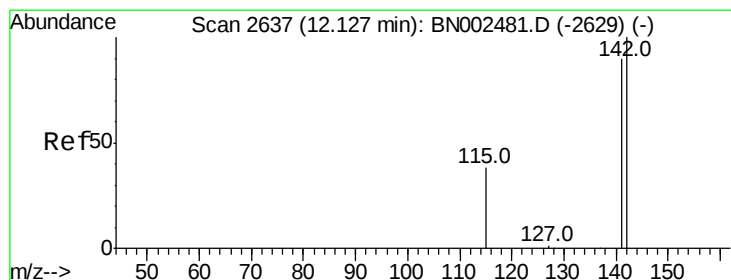
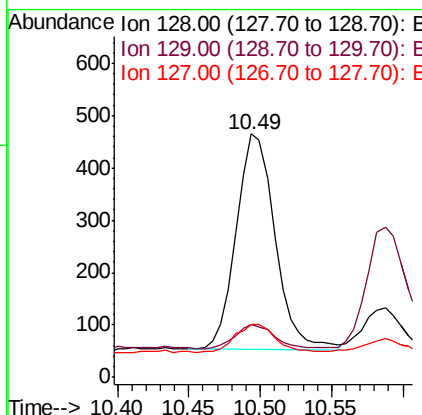
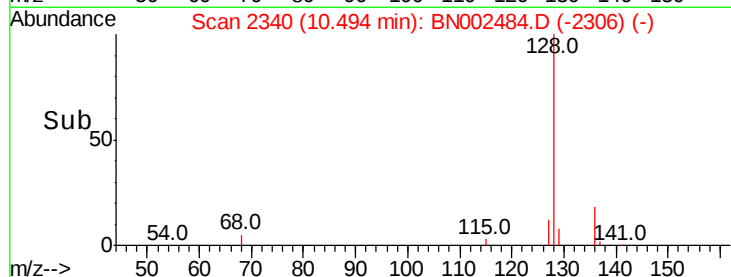
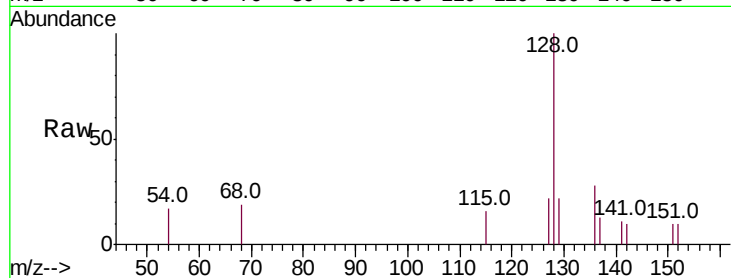
ClientSampleId :

C0AA8

Tot Ion:	128	Resp:	777
Ion Ratio	Lower	Upper	
128	100		
129	21.5	8.0	12.0#
127	21.7	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

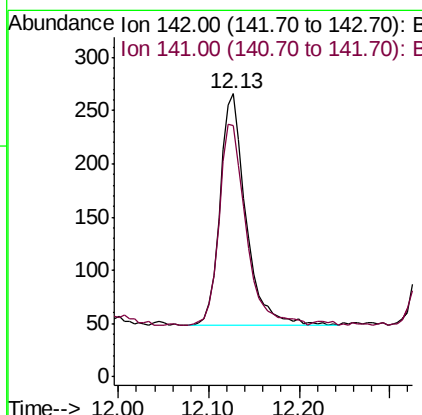
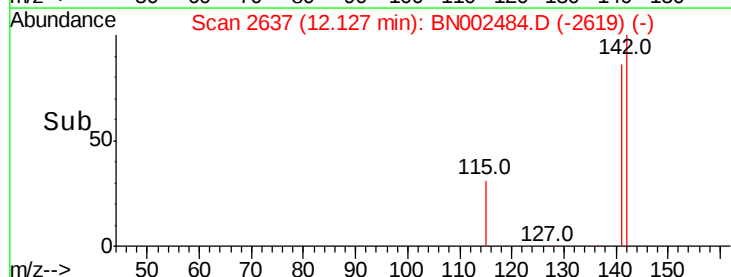
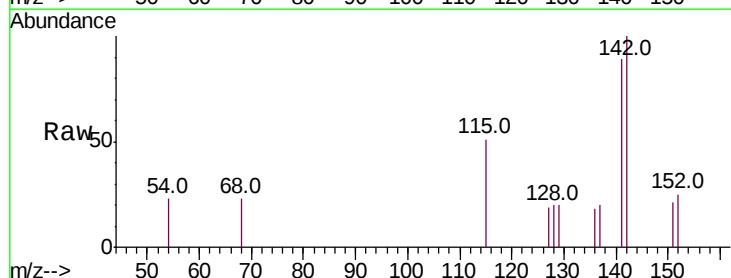
RT: 12.13 min Scan# 2637

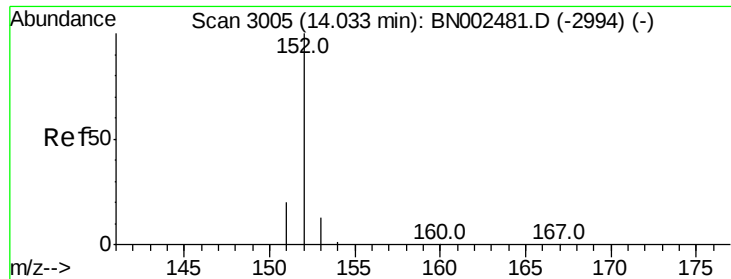
Delta R.T. 0.00 min

Lab File: BN002484.D

Acq: 24 Aug 2018 02:01

Tgt Ion:	142	Resp:	437
Ion Ratio	Lower	Upper	
142	100		
141	90.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.155 ng/ul

RT: 14.02 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BN002484.D

Acq: 24 Aug 2018 02:01

Instrument :

BNA_N

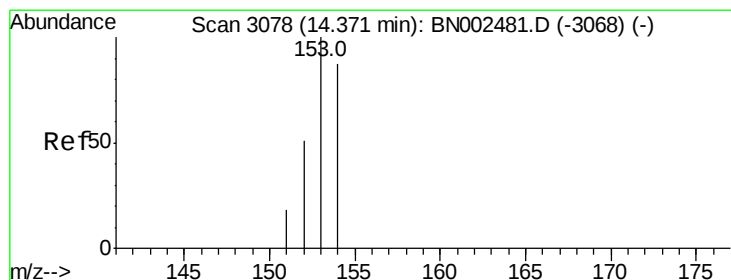
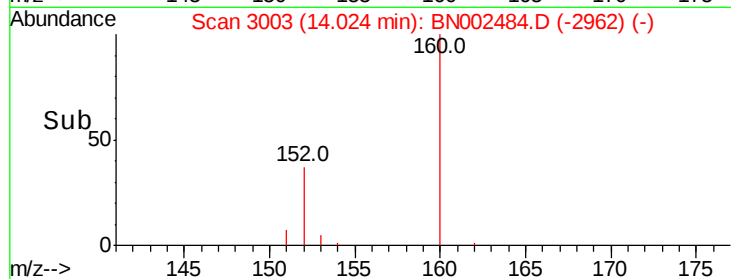
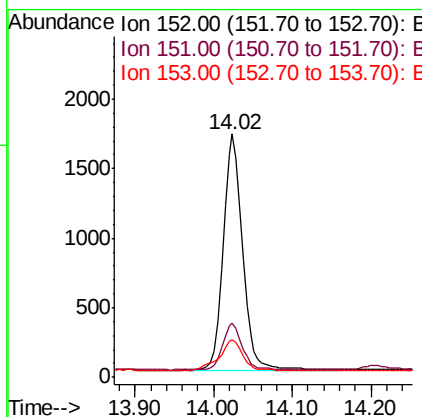
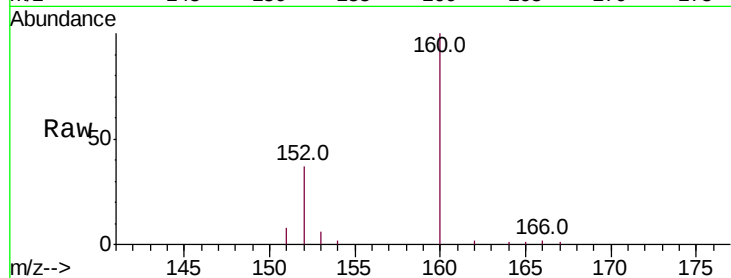
ClientSampleId :

C0AA8

Tot Ion:	152	Resp:	2925
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.1	25.7
153	15.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.045 ng/ul

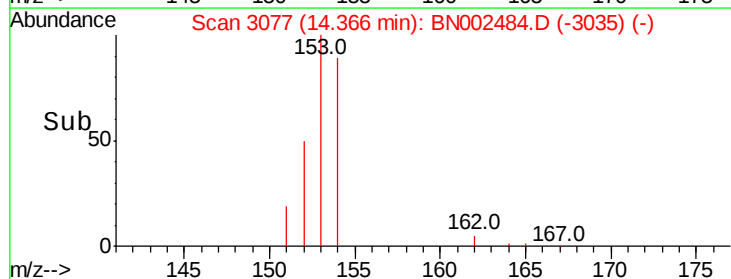
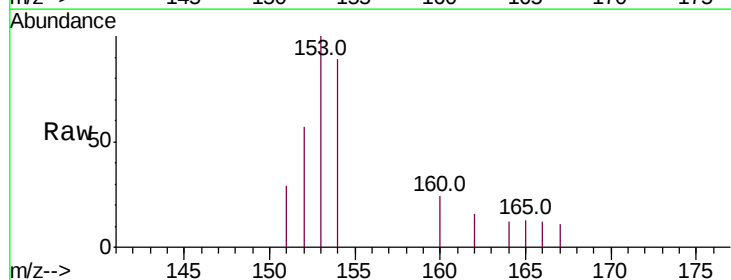
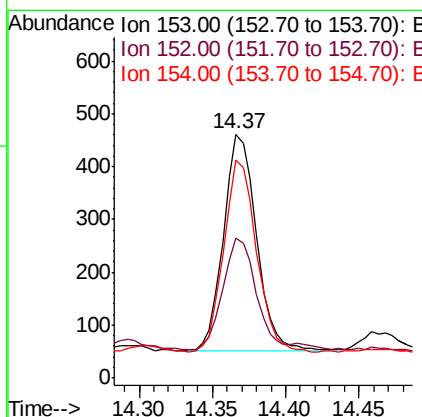
RT: 14.37 min Scan# 3077

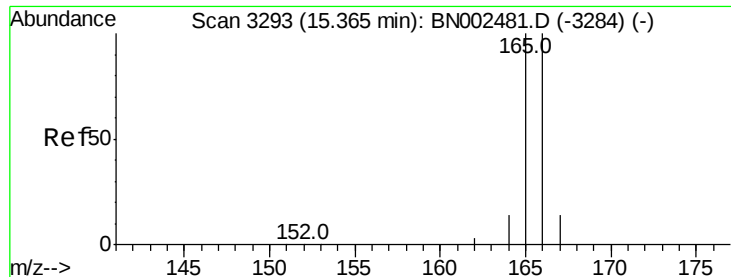
Delta R.T. -0.00 min

Lab File: BN002484.D

Acq: 24 Aug 2018 02:01

Tgt Ion:	153	Resp:	643
Ion Ratio	Lower	Upper	
153	100		
152	57.3	36.0	54.0#
154	89.4	72.0	108.0





#9

Fluorene

Concen: 0.041 ng/ul

RT: 15.36 min Scan# 3292

Delta R.T. -0.00 min

Lab File: BN002484.D

Acq: 24 Aug 2018 02:01

Instrument :

BNA_N

ClientSampled :

C0AA8

Tot Ion:166 Resp: 683

Ion Ratio Lower Upper

166 100

165 99.4 73.4 110.2

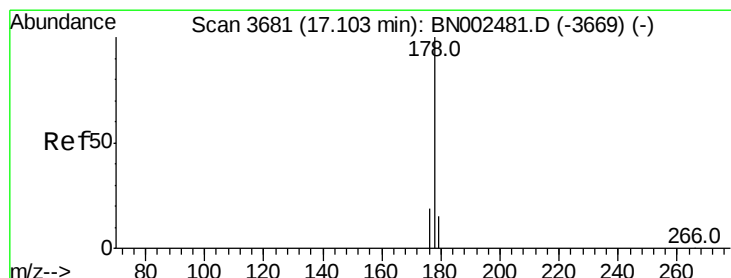
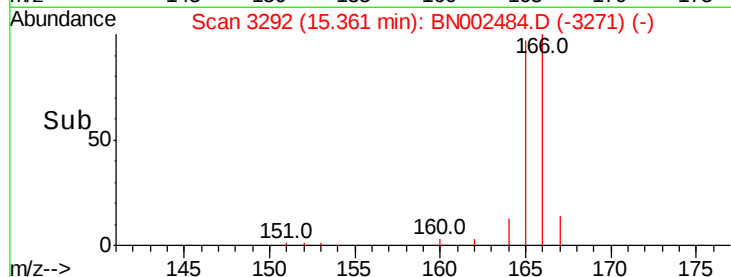
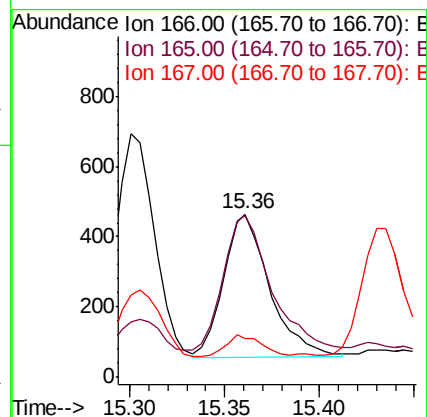
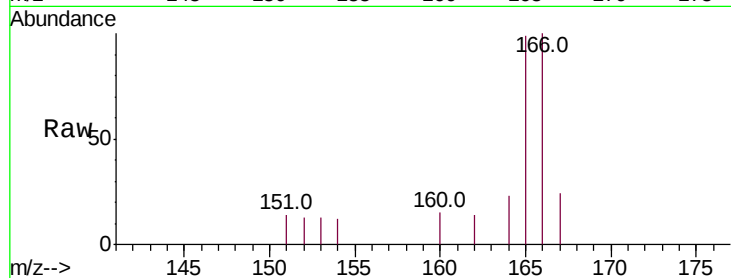
167 24.1 14.6 22.0#

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#12

Phenanthrene

Concen: 0.404 ng/ul m

RT: 17.09 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BN002484.D

Acq: 24 Aug 2018 02:01

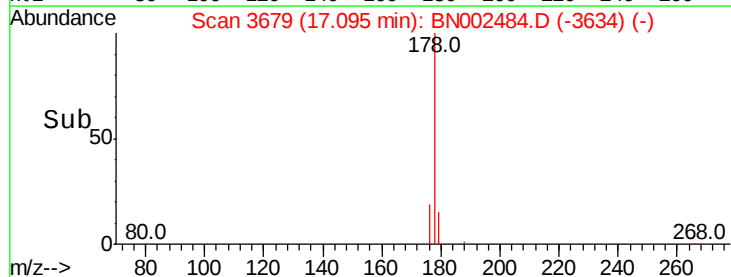
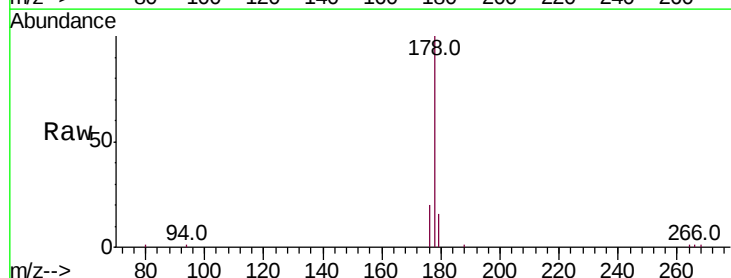
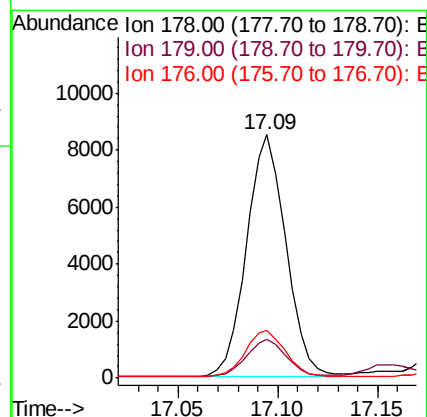
Tgt Ion:178 Resp: 11549

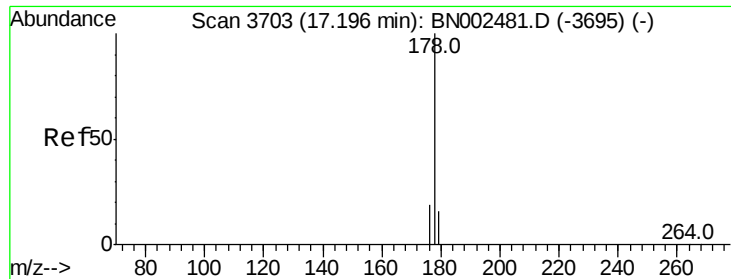
Ion Ratio Lower Upper

178 100

179 15.8 18.4 27.6#

176 19.6 13.6 20.4





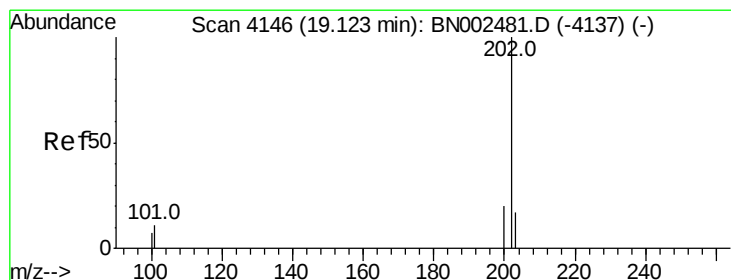
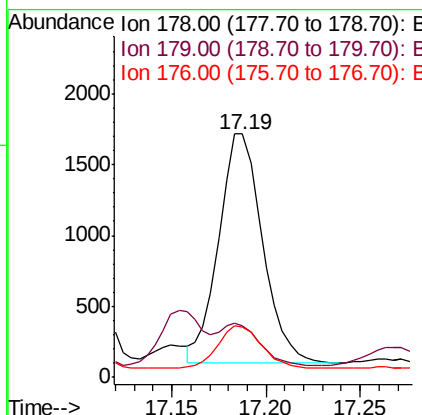
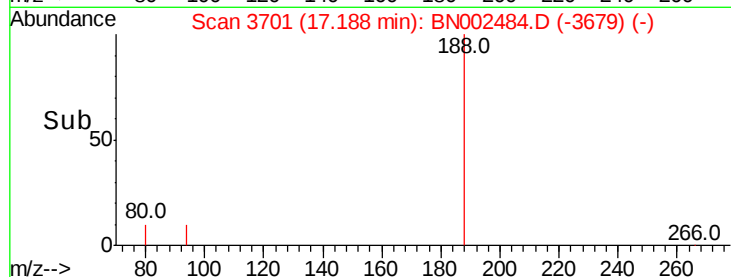
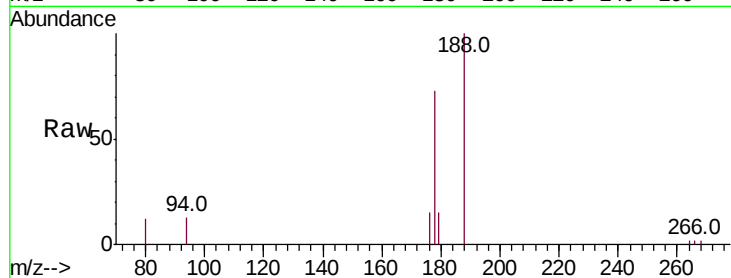
#13
 Anthracene
 Concen: 0.107 ng/ul m
 RT: 17.19 min Scan# 3701
 Delta R.T. -0.01 min
 Lab File: BN002484.D
 Acq: 24 Aug 2018 02:01

Instrument :
 BNA_N
 ClientSampleId :
 C0AA8

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.0	18.1	27.1
176	20.6	14.7	22.1

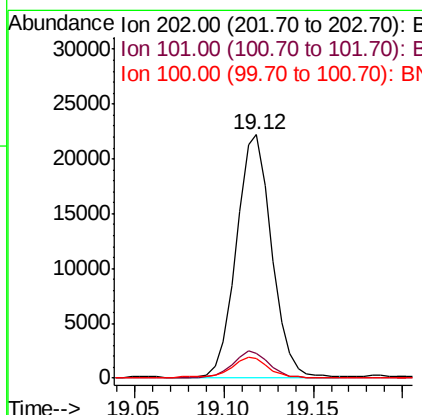
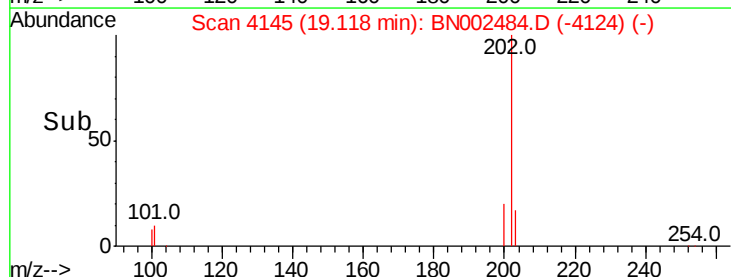
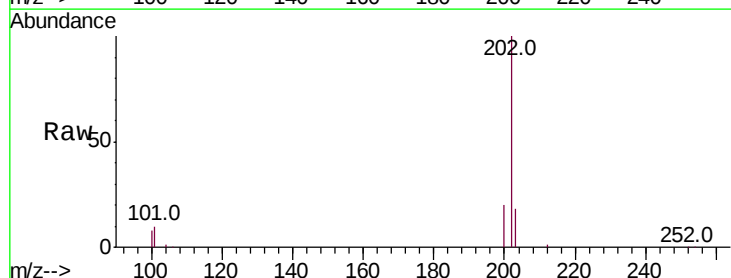
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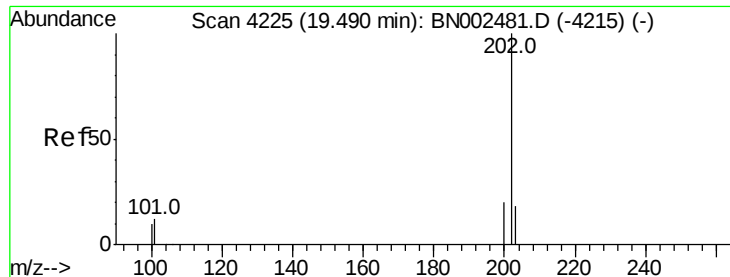
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#15
 Fluoranthene
 Concen: 0.899 ng/ul m
 RT: 19.12 min Scan# 4145
 Delta R.T. -0.00 min
 Lab File: BN002484.D
 Acq: 24 Aug 2018 02:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.0
100	7.9	0.0	30.0





#17

Pvrene

Concen: 0.939 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. -0.01 min

Lab File: BN002484.D

Acq: 24 Aug 2018 02:01

Instrument :

BNA_N

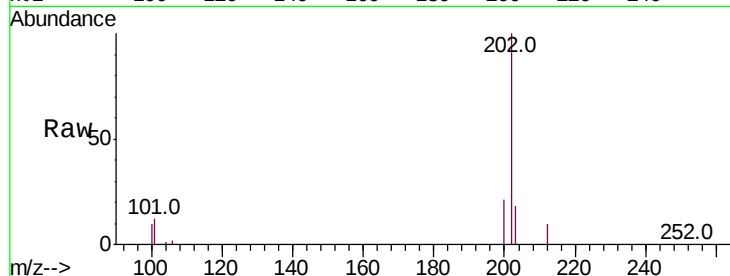
ClientSampleId :

C0AA8

Tot Ion:	202	Resp:	33721
Ion Ratio	Lower	Upper	
202	100		
101	11.6	12.0	18.0#
100	9.6	8.0	12.0

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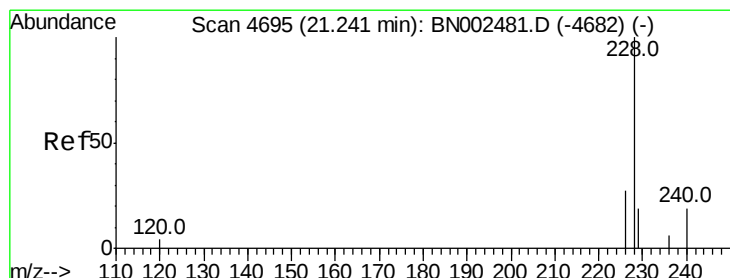
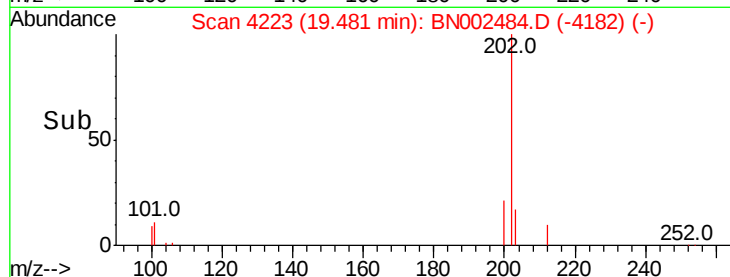
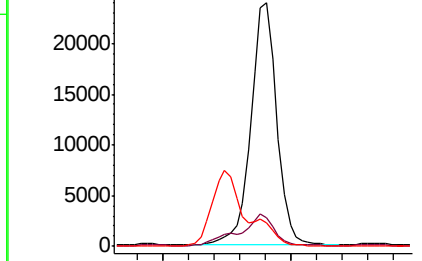
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.566 ng/ul

RT: 21.23 min Scan# 4693

Delta R.T. -0.01 min

Lab File: BN002484.D

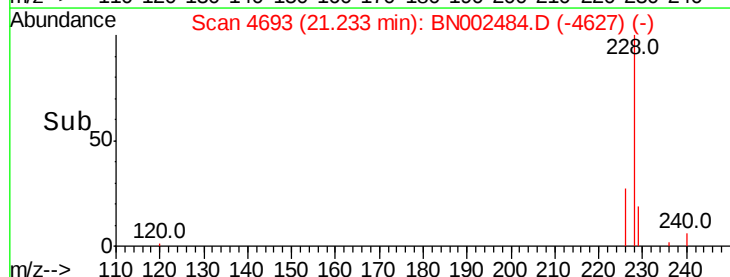
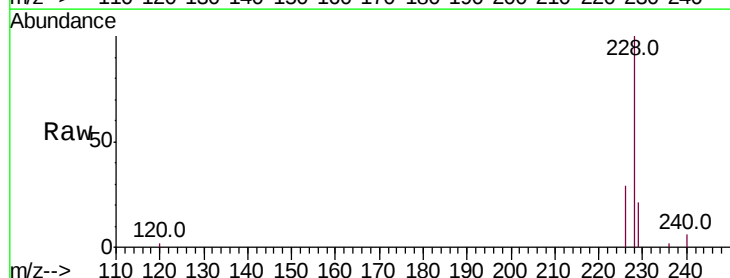
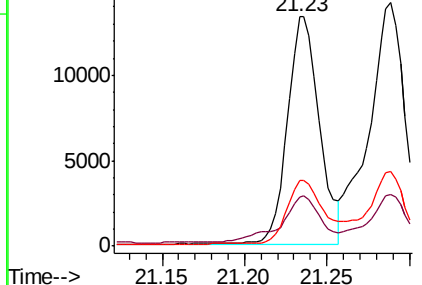
Acq: 24 Aug 2018 02:01

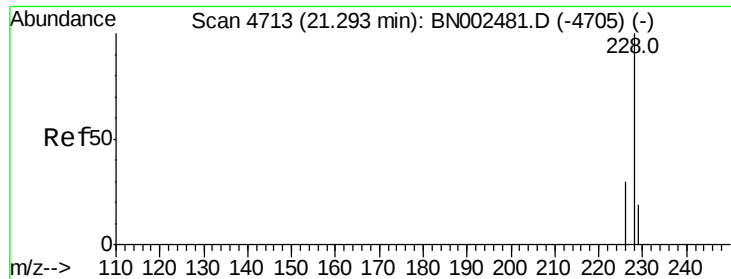
Tgt Ion:	228	Resp:	17817
Ion Ratio	Lower	Upper	
228	100		
229	21.3	22.8	34.2#
226	28.6	17.0	25.6#

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: 0.601 ng/ul

RT: 21.29 min Scan# 4712

Delta R.T. -0.00 min

Lab File: BN002484.D

Acq: 24 Aug 2018 02:01

Instrument :

BNA_N

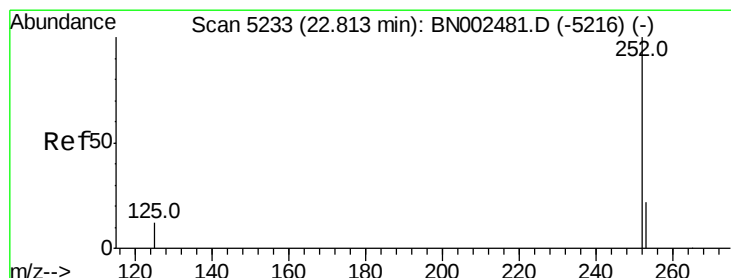
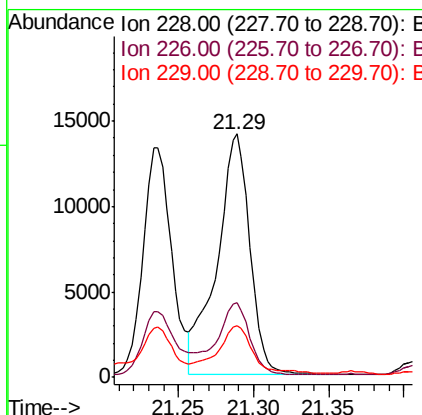
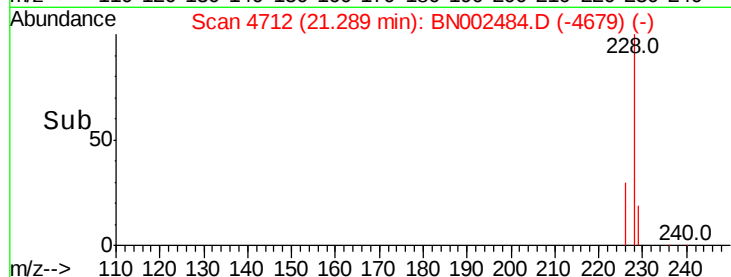
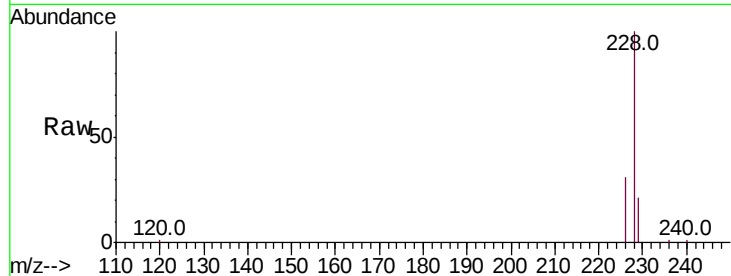
ClientSampleId :

C0AA8

Tot Ion:	228	Resp:	21406
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.0
229	21.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.793 ng/ul m

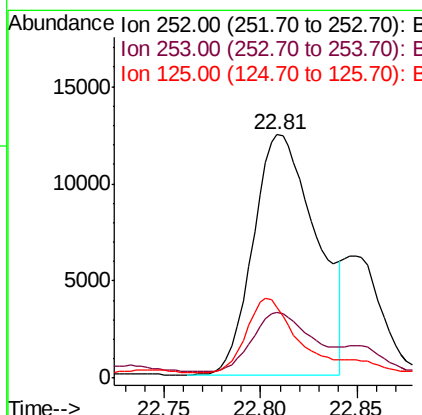
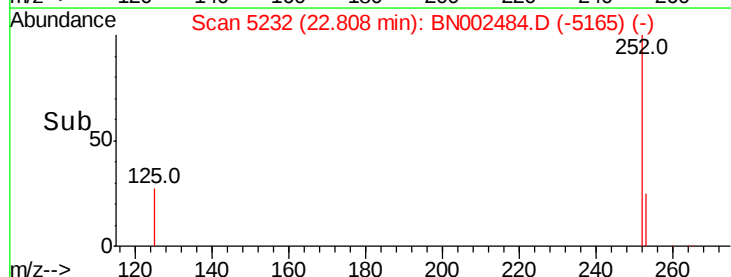
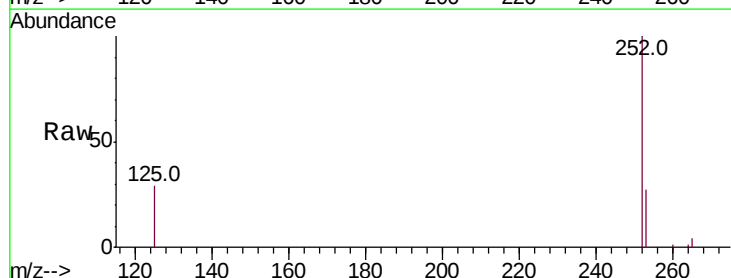
RT: 22.81 min Scan# 5232

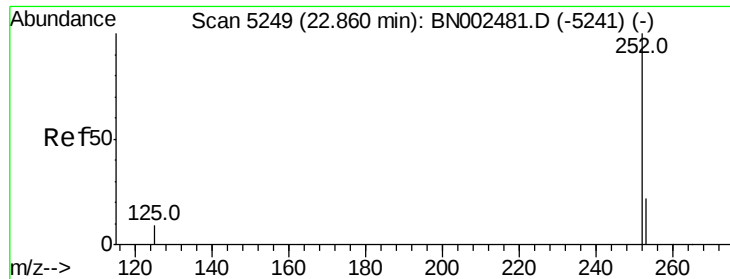
Delta R.T. -0.00 min

Lab File: BN002484.D

Acq: 24 Aug 2018 02:01

Tgt Ion:	252	Resp:	28016
Ion Ratio	Lower	Upper	
252	100		
253	26.8	0.0	64.2
125	29.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.227 ng/u1 m

RT: 22.85 min Scan# 5246

Delta R.T. -0.01 min

Lab File: BN002484.D

Acq: 24 Aug 2018 02:01

Instrument :

BNA_N

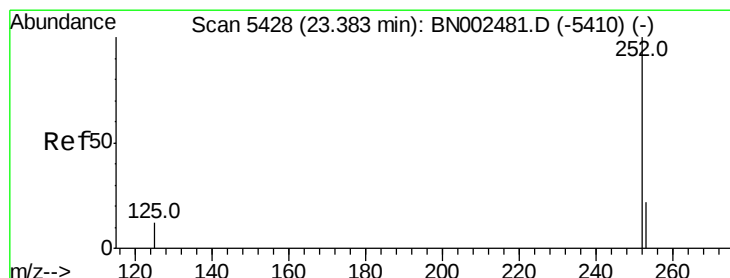
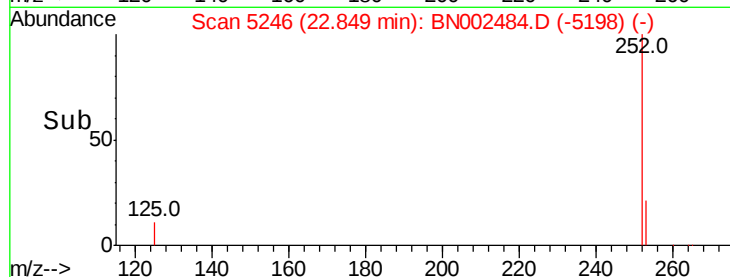
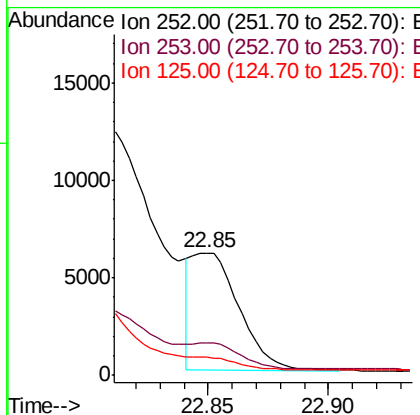
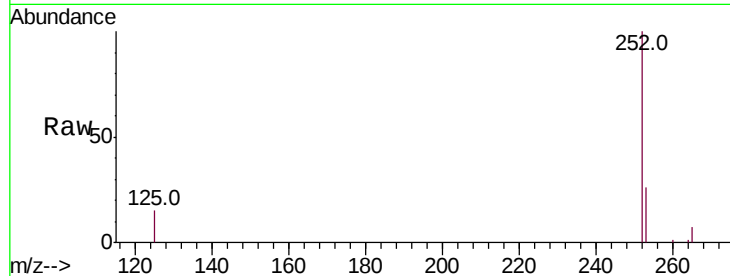
ClientSampled :

C0AA8

Tot Ion:252	Resp:	8277
Ion Ratio	Lower	Upper
252	100	
253	26.2	24.5 36.7
125	14.7	13.7 20.5

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#23

Benzo(a)pyrene

Concen: 0.564 ng/u1

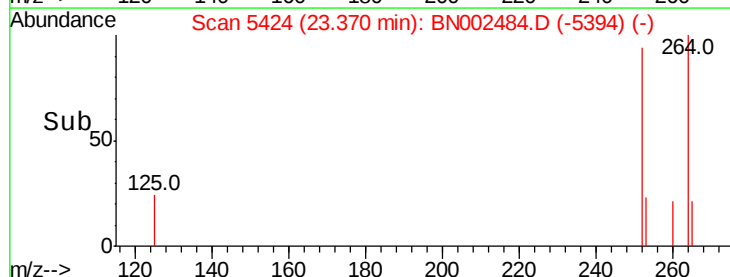
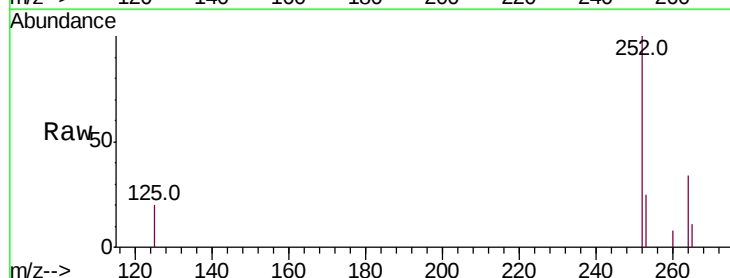
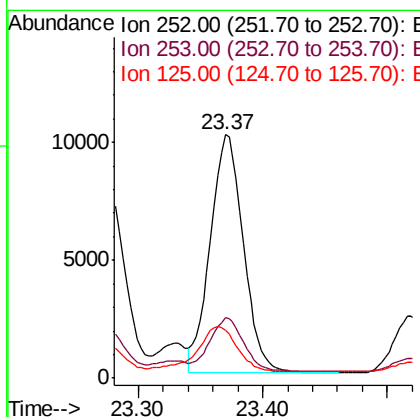
RT: 23.37 min Scan# 5424

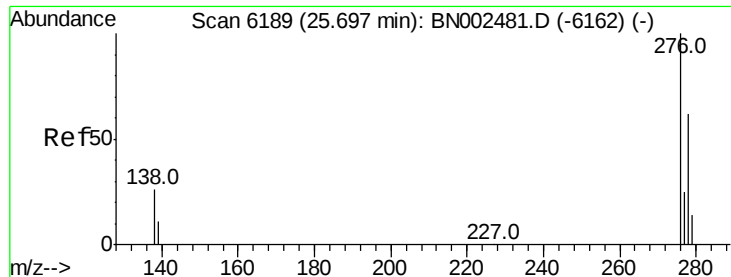
Delta R.T. -0.01 min

Lab File: BN002484.D

Acq: 24 Aug 2018 02:01

Tgt Ion:252	Resp:	18716
Ion Ratio	Lower	Upper
252	100	
253	24.9	16.0 24.0#
125	19.8	12.0 18.0#





#24

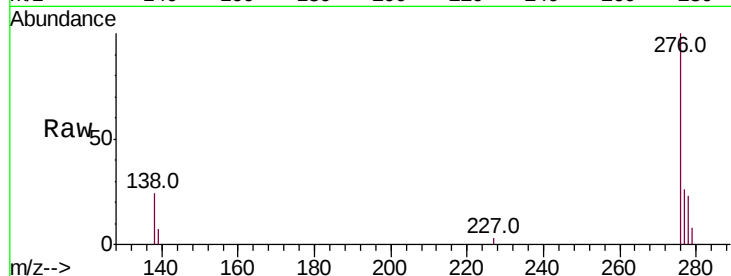
Indeno(1,2,3-cd)pyrene
Concen: 0.322 ng/ul
RT: 25.69 min Scan# 6187
Delta R.T. -0.01 min
Lab File: BN002484.D
Acq: 24 Aug 2018 02:01

Instrument :
BNA_N
ClientSampled :
C0AA8

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	28.0	42.0#
227	0.5	0.8	1.2#

Manual Integrations
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Sohil
8/24/2018 5:11:54 PM

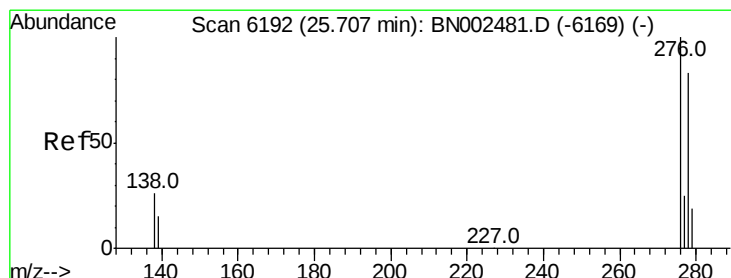
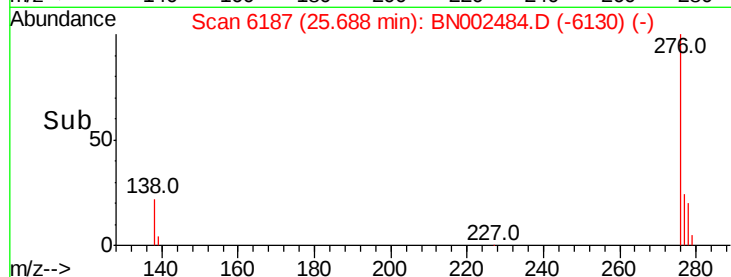
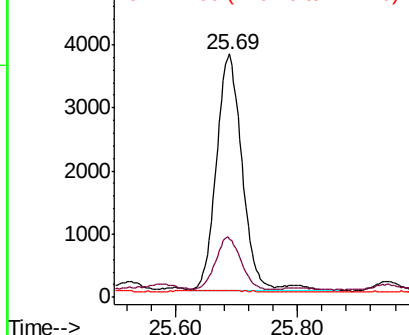


Abundance

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: 0.101 ng/ul
RT: 25.69 min Scan# 6187
Delta R.T. -0.02 min
Lab File: BN002484.D
Acq: 24 Aug 2018 02:01

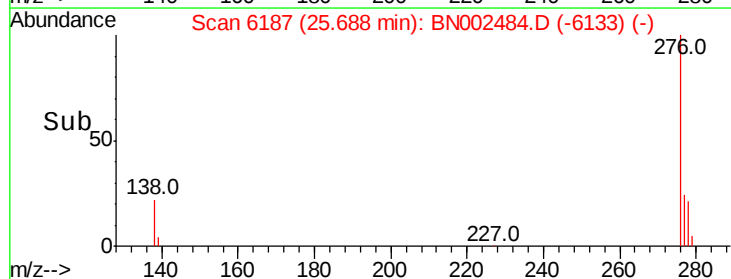
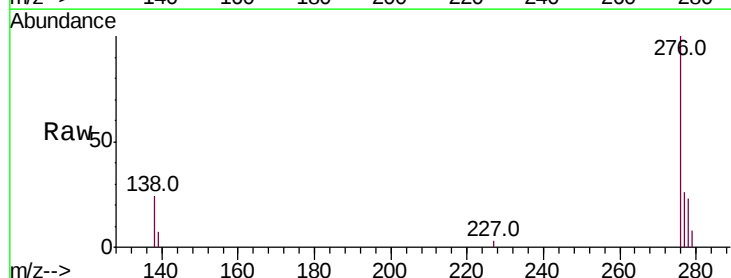
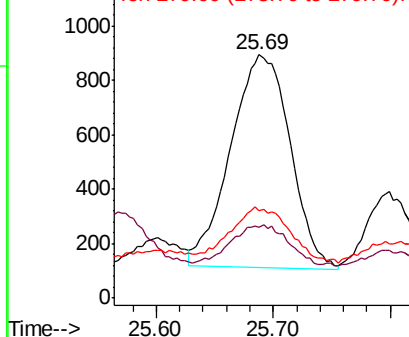
Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.0	17.4	26.0#
279	36.0	25.9	38.9

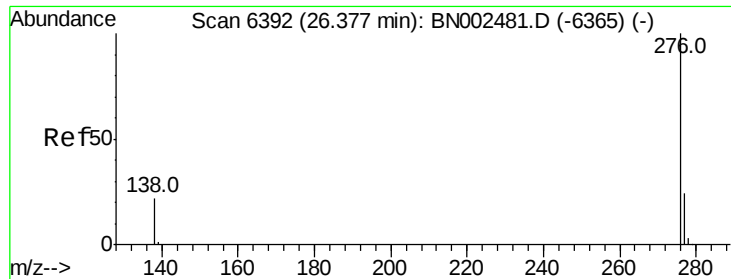
Abundance

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: 0.400 ng/ul
 RT: 26.37 min Scan# 6389
 Delta R.T. -0.01 min
 Lab File: BN002484.D
 Acq: 24 Aug 2018 02:01

Instrument :
 BNA_N
 ClientSampleId :
 C0AA8

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.8	32.8
277	25.3	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:54 PM

