

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002488.D
 Acq On : 24 Aug 2018 04:22
 Operator : JU/SJ
 Sample : J4424-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YS7

Manual Integrations
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 8/24/2018 5:11:59 PM

Quant Time: Aug 24 06:54:16 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	1869	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	7802	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	4433	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	10516m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	11512m	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	10484m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	2362	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	6746m	0.22	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.49	128	998	0.050	ng/ul#	83
5) 2-Methylnaphthalene	12.12	142	440	0.031	ng/ul	100
7) Acenaphthylene	14.02	152	7510	0.362	ng/ul	97
8) Acenaphthene	14.37	153	675	0.043	ng/ul#	93
9) Fluorene	15.36	166	1232	0.068	ng/ul	92
12) Phenanthrene	17.09	178	23496m	0.755	ng/ul	
13) Anthracene	17.18	178	6168m	0.231	ng/ul	
15) Fluoranthene	19.12	202	60899m	1.665	ng/ul	
17) Pyrene	19.48	202	68431	1.743	ng/ul#	95
18) Benzo(a)anthracene	21.23	228	31073	0.903	ng/ul#	84
19) Chrysene	21.28	228	38661	0.993	ng/ul	98
21) Benzo(b)fluoranthene	22.81	252	57349m	1.523	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	18523m	0.476	ng/ul	
23) Benzo(a)pyrene	23.37	252	37376	1.056	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.68	276	26057	0.706	ng/ul#	79
25) Dibenzo(a,h)anthracene	25.68	278	6407	0.220	ng/ul	97
26) Benzo(a,h,i)perylene	26.36	276	24993	0.791	ng/ul	95

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

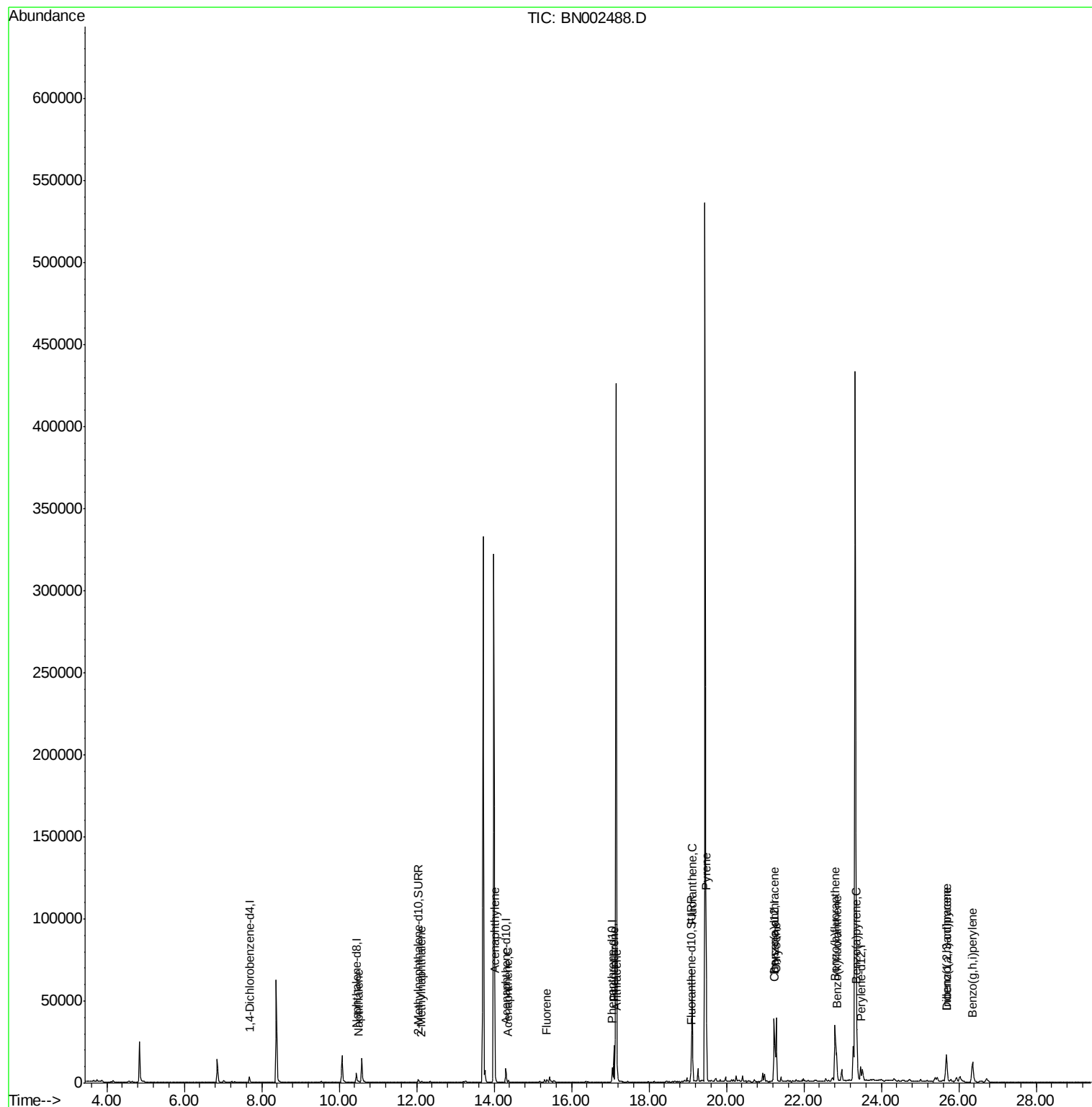
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002488.D
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ALS Vial : 24 Sample Multiplier: 1

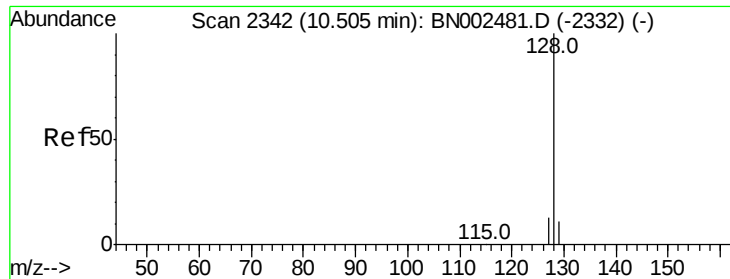
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
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QLast Update : Fri Aug 24 02:20:09 2018
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#3

Naphthalene

Concen: 0.050 ng/ul

RT: 10.49 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BN002488.D

Acq: 24 Aug 2018 04:22

Instrument :

BNA_N

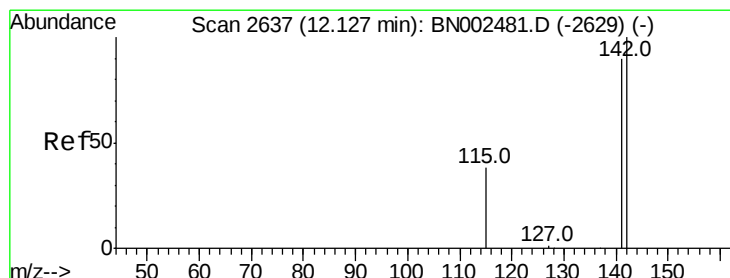
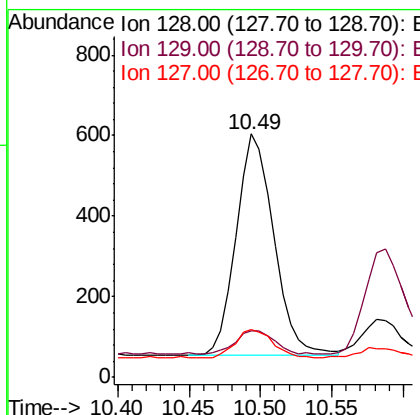
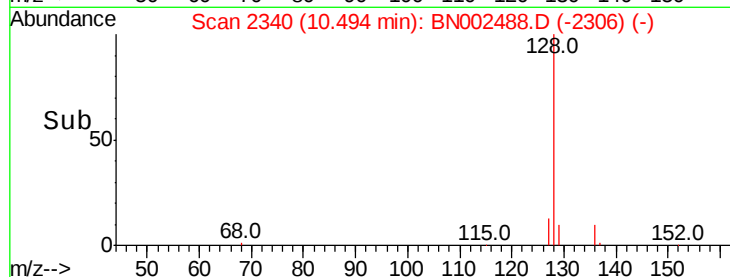
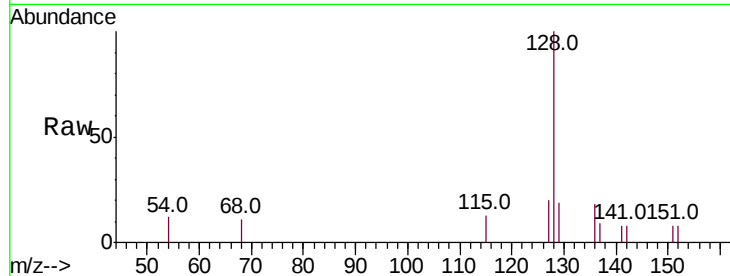
ClientSampleId :

A3YS7

Tot Ion:	128	Resp:	998
Ion Ratio	Lower	Upper	
128	100		
129	19.4	8.0	12.0#
127	19.7	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.031 ng/ul

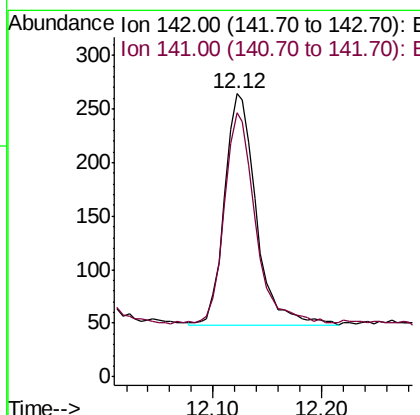
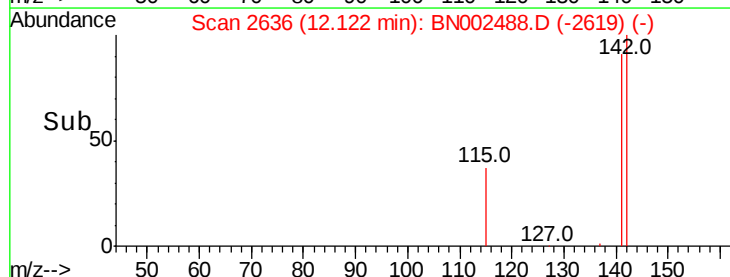
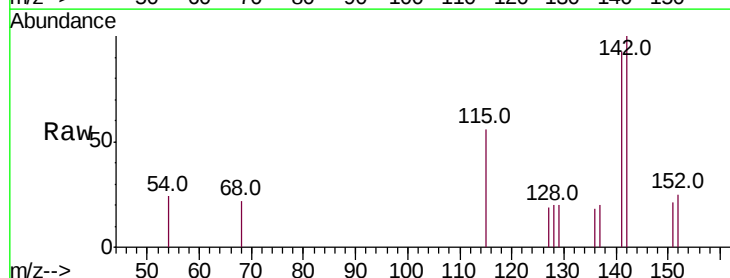
RT: 12.12 min Scan# 2636

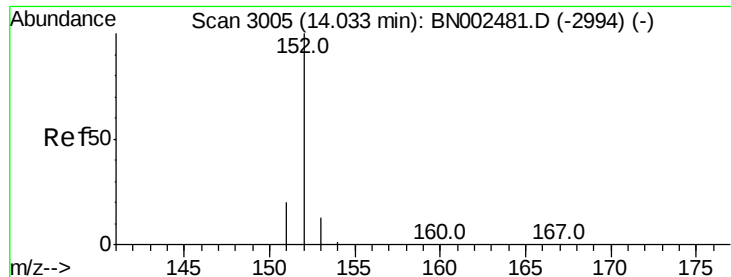
Delta R.T. -0.01 min

Lab File: BN002488.D

Acq: 24 Aug 2018 04:22

Tgt Ion:	142	Resp:	440
Ion Ratio	Lower	Upper	
142	100		
141	90.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.362 ng/ul

RT: 14.02 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BN002488.D

Acq: 24 Aug 2018 04:22

Instrument :

BNA_N

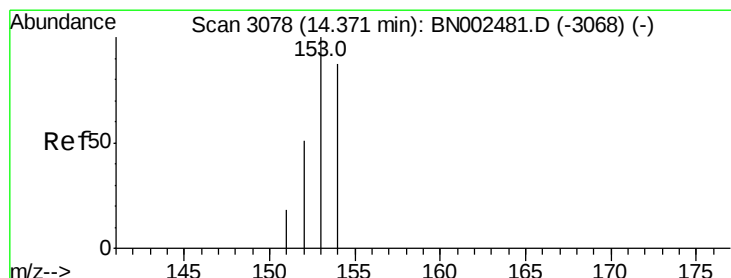
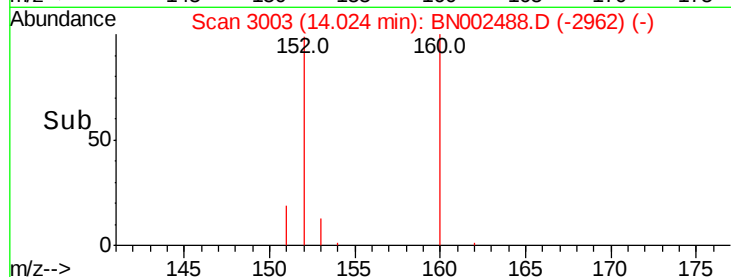
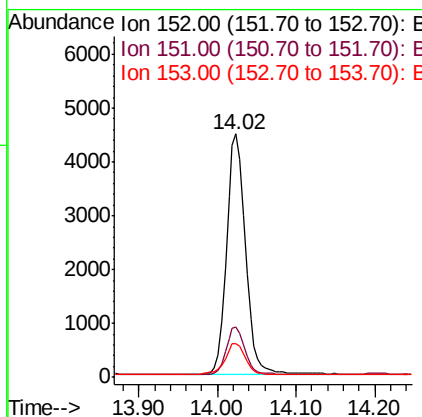
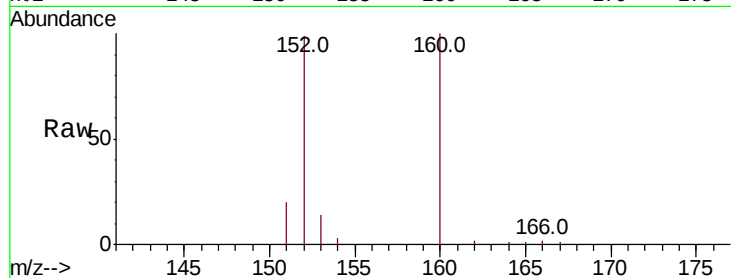
ClientSampleId :

A3YS7

Tot Ion:	152	Resp:	7510
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.1	25.7
153	14.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.043 ng/ul

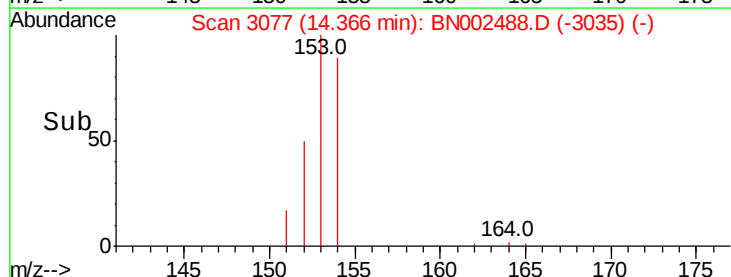
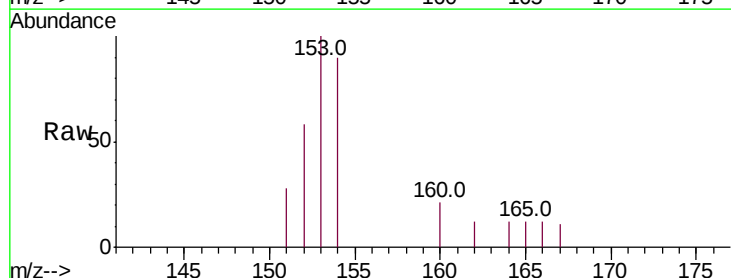
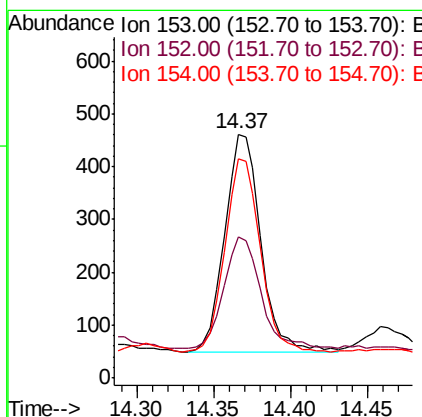
RT: 14.37 min Scan# 3077

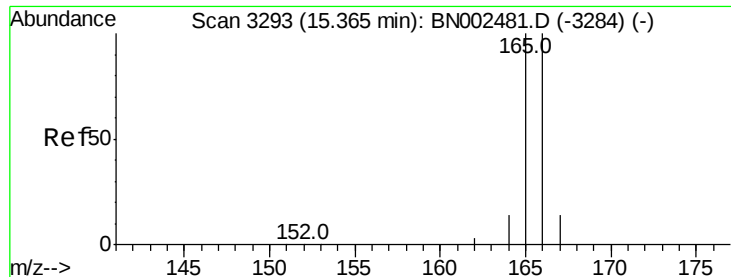
Delta R.T. -0.00 min

Lab File: BN002488.D

Acq: 24 Aug 2018 04:22

Tgt Ion:	153	Resp:	675
Ion Ratio	Lower	Upper	
153	100		
152	57.9	36.0	54.0#
154	90.2	72.0	108.0





#9

Fluorene

Concen: 0.068 ng/ul

RT: 15.36 min Scan# 3292

Delta R.T. -0.00 min

Lab File: BN002488.D

Acq: 24 Aug 2018 04:22

Instrument :

BNA_N

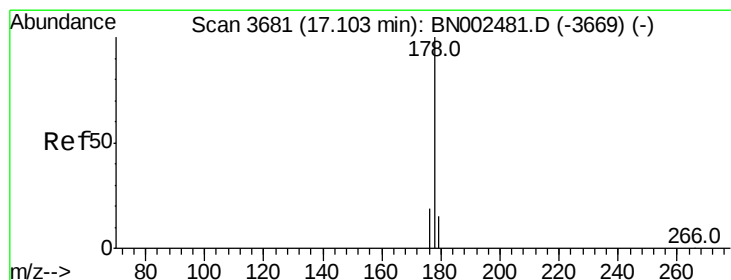
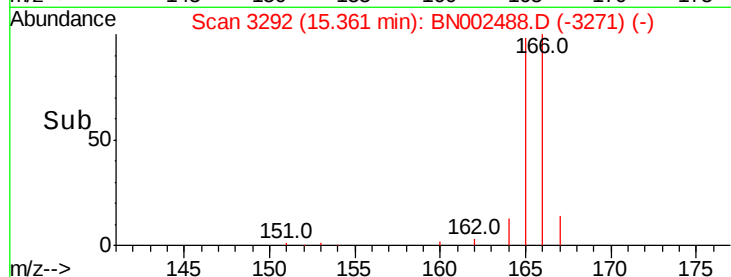
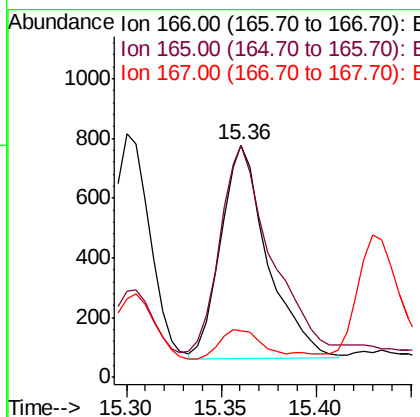
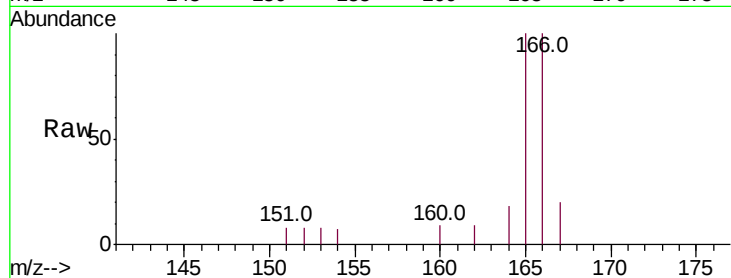
ClientSampled :

A3YS7

Tot Ion:	166	Resp:	1232
Ion Ratio	Lower	Upper	
166	100		
165	99.9	73.4	110.2
167	20.3	14.6	22.0

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#12

Phenanthrene

Concen: 0.755 ng/ul m

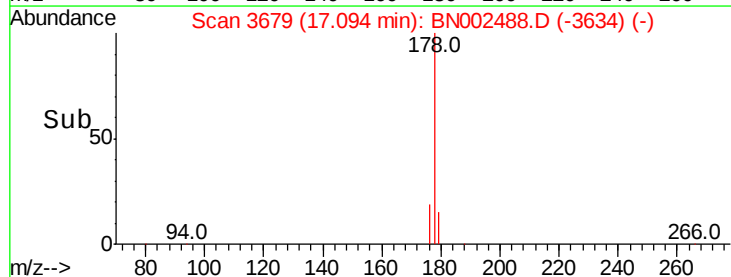
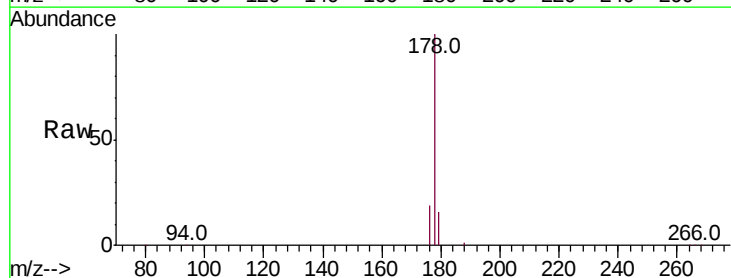
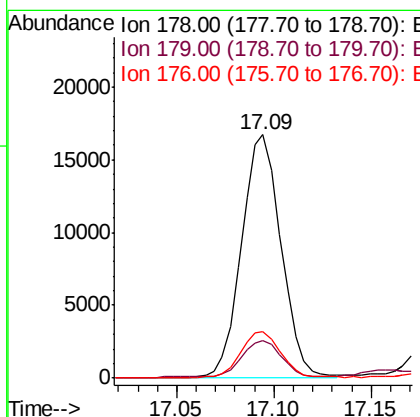
RT: 17.09 min Scan# 3679

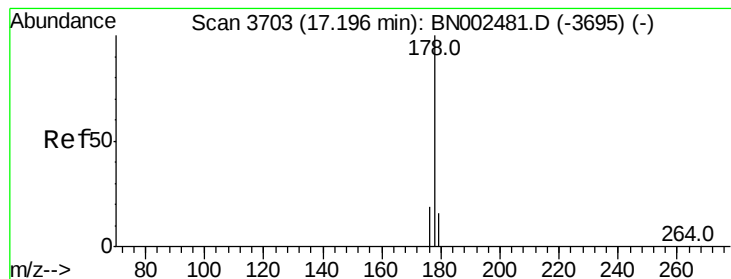
Delta R.T. -0.01 min

Lab File: BN002488.D

Acq: 24 Aug 2018 04:22

Tgt Ion:	178	Resp:	23496
Ion Ratio	Lower	Upper	
178	100		
179	15.6	18.4	27.6#
176	19.0	13.6	20.4





#13

Anthracene

Concen: 0.231 ng/ul m

RT: 17.18 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BN002488.D

Acq: 24 Aug 2018 04:22

Instrument :

BNA_N

ClientSampleId :

A3YS7

Tot Ion:178 Resp: 6168

Ion Ratio Lower Upper

178 100

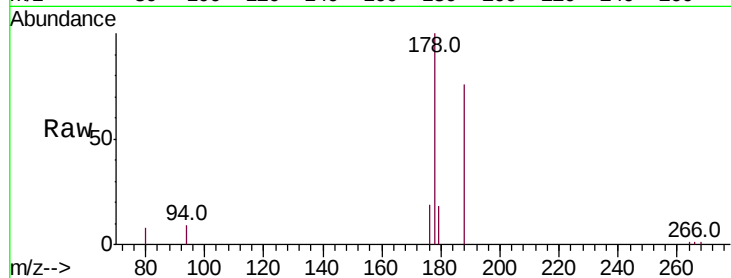
179 18.3 18.1 27.1

176 19.3 14.7 22.1

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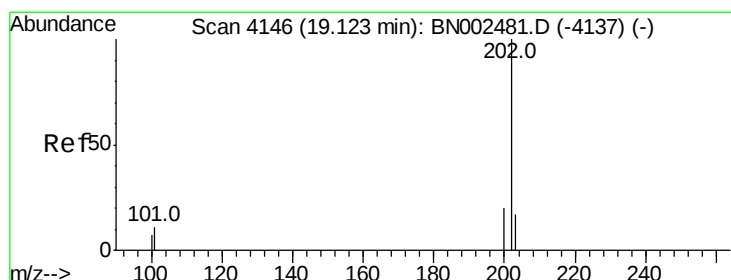
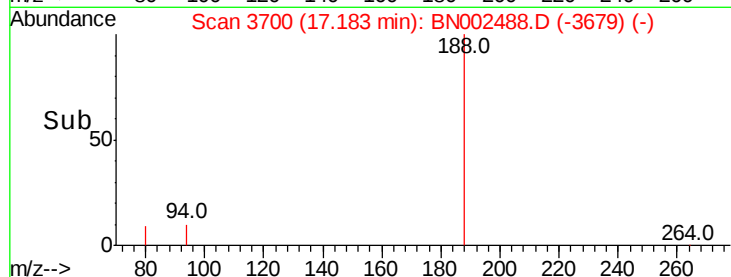
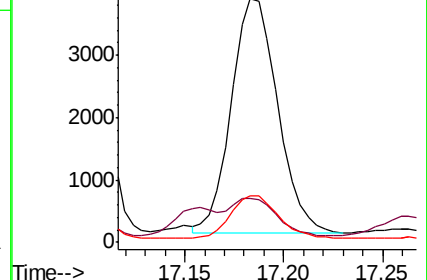
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 1.665 ng/ul m

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN002488.D

Acq: 24 Aug 2018 04:22

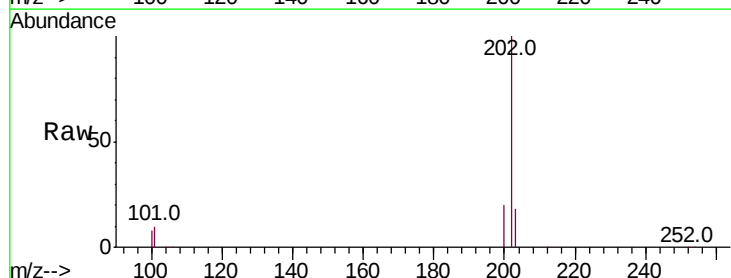
Tgt Ion:202 Resp: 60899

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.0

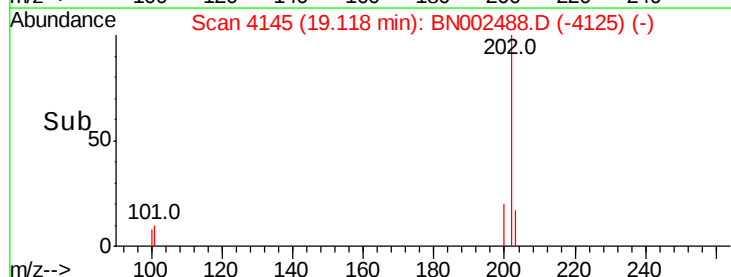
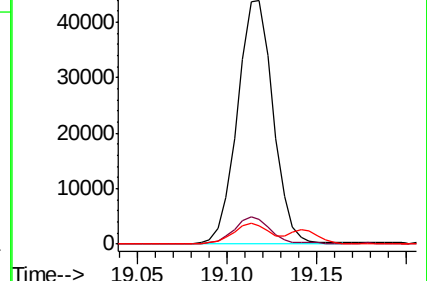
100 7.7 0.0 30.0

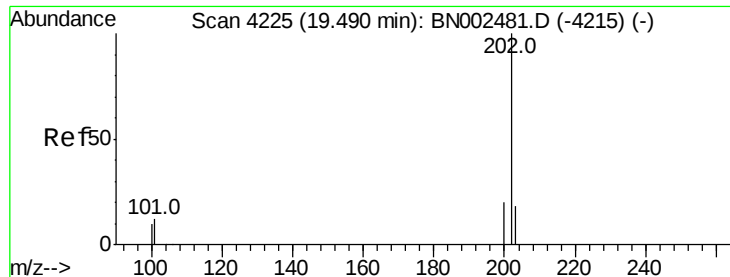


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





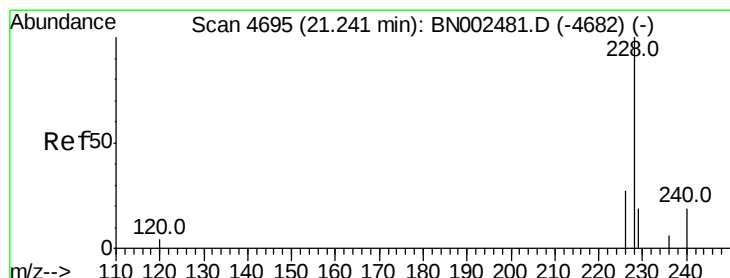
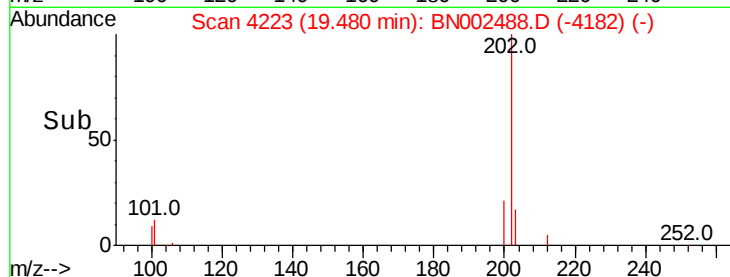
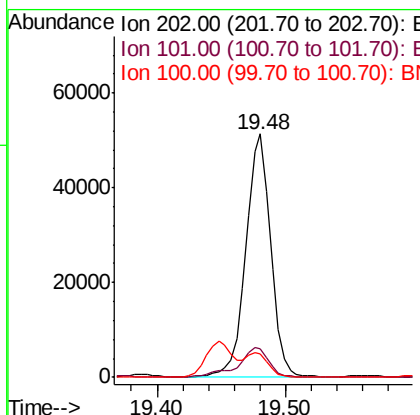
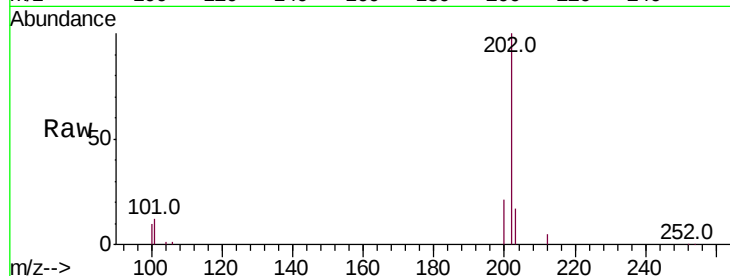
#17
Pvrene
Concen: 1.743 ng/ul
RT: 19.48 min Scan# 4223
Delta R.T. -0.01 min
Lab File: BN002488.D
Acq: 24 Aug 2018 04:22

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100	68431		
101	11.8		12.0	18.0#
100	9.5		8.0	12.0

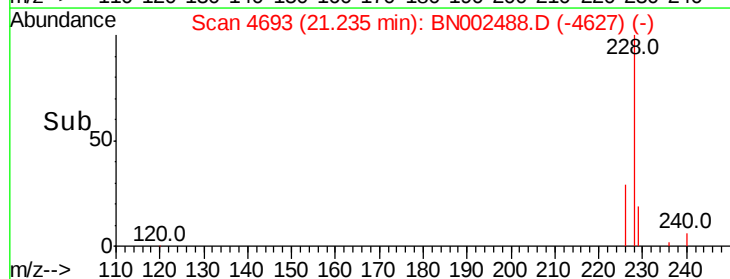
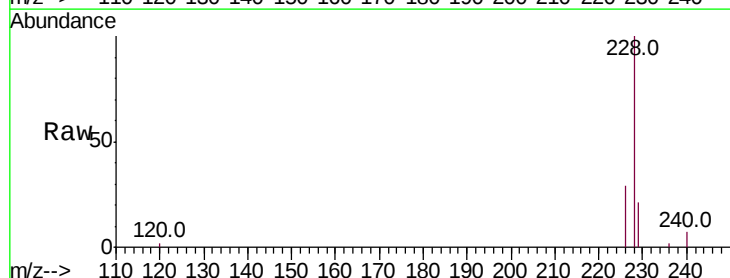
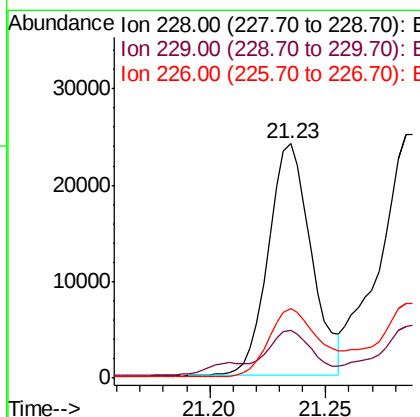
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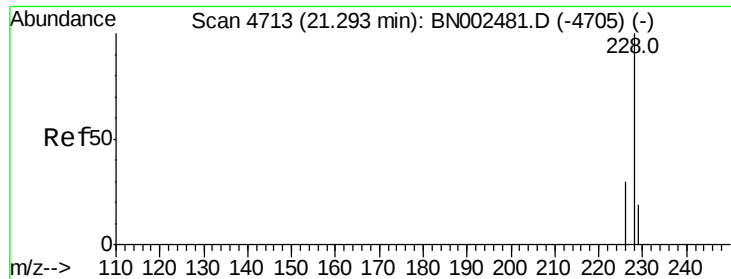
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#18
Benzo(a)anthracene
Concen: 0.903 ng/ul
RT: 21.23 min Scan# 4693
Delta R.T. -0.01 min
Lab File: BN002488.D
Acq: 24 Aug 2018 04:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	31073		
229	20.6		22.8	34.2#
226	29.5		17.0	25.6#





#19

Chrysene

Concen: 0.993 ng/ul

RT: 21.28 min Scan# 4710

Delta R.T. -0.01 min

Lab File: BN002488.D

Acq: 24 Aug 2018 04:22

Instrument :

BNA_N

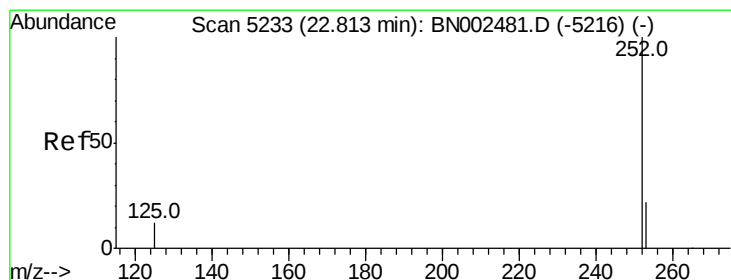
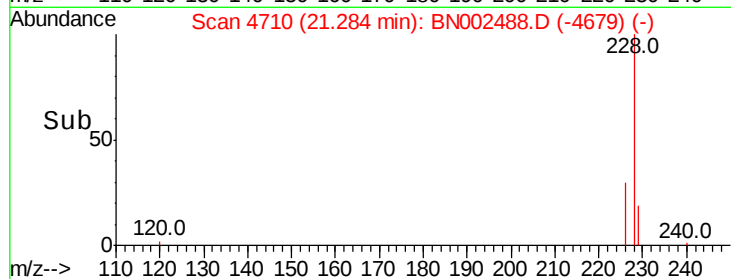
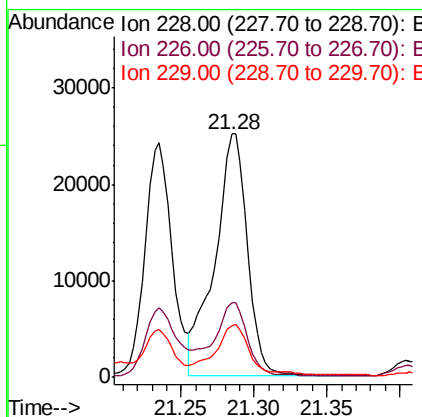
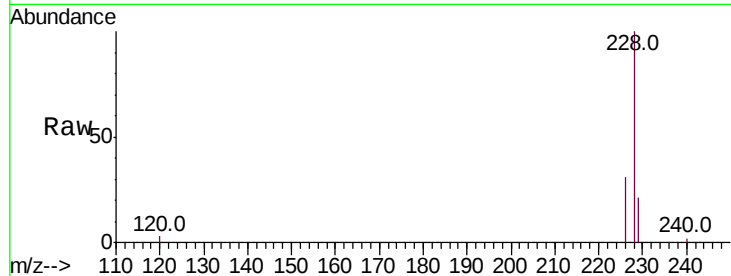
ClientSampleId :

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Tot Ion:	228	Resp:	38661
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.4	35.0
229	21.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.523 ng/ul m

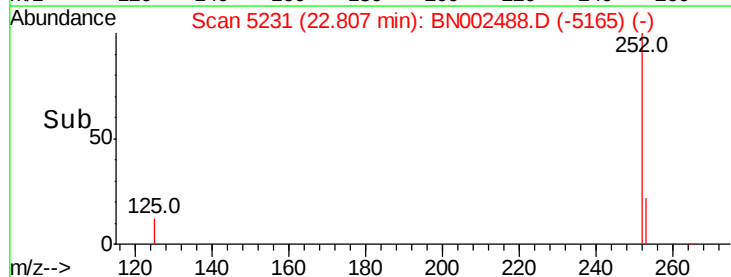
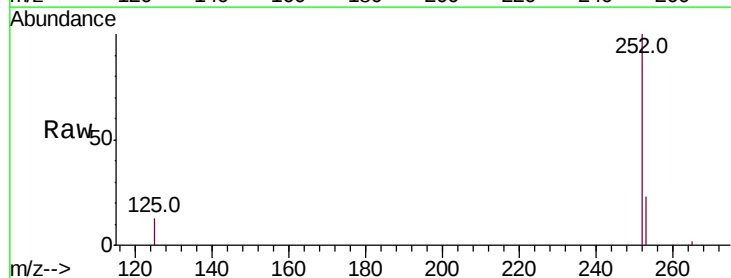
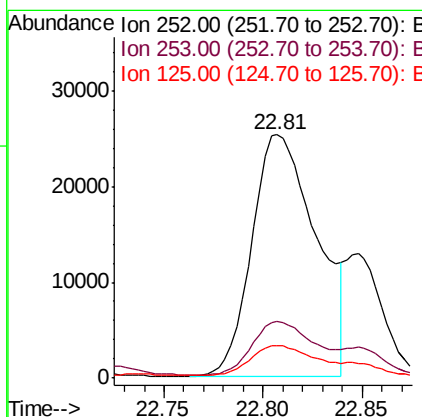
RT: 22.81 min Scan# 5231

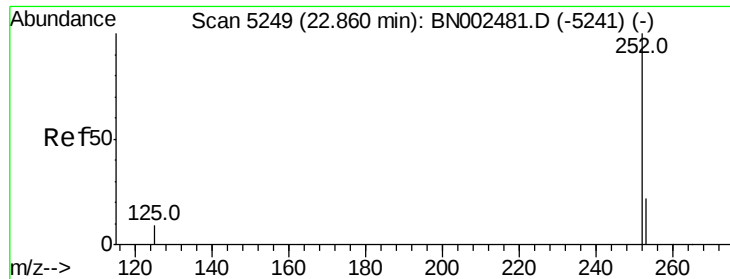
Delta R.T. -0.01 min

Lab File: BN002488.D

Acq: 24 Aug 2018 04:22

Tgt Ion:	252	Resp:	57349
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	64.2
125	13.3	0.0	35.0





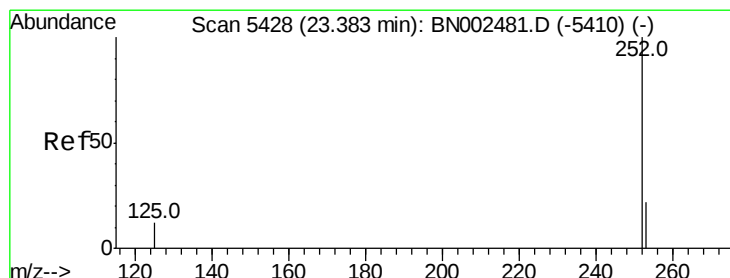
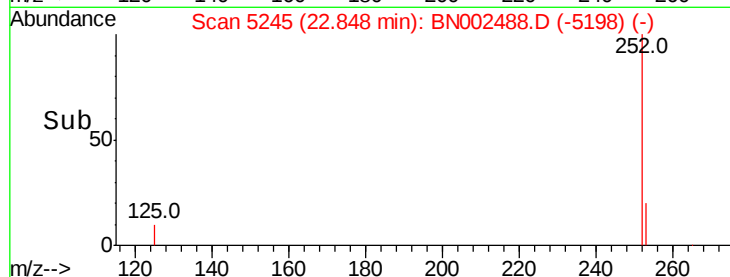
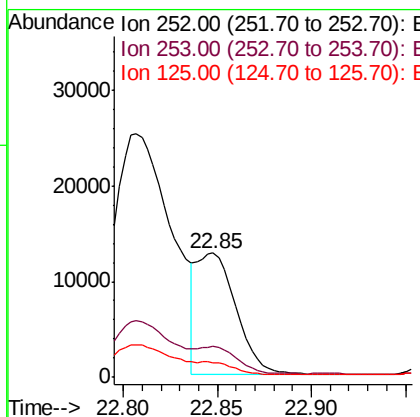
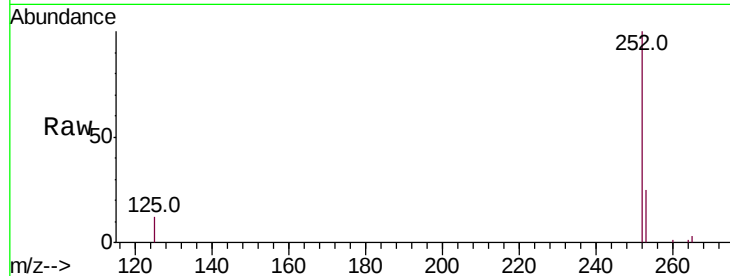
#22
Benzo(k)fluoranthene
Concen: 0.476 ng/ul m
RT: 22.85 min Scan# 5245
Delta R.T. -0.01 min
Lab File: BN002488.D
Acq: 24 Aug 2018 04:22

Instrument :
BNA_N
ClientSampleId :
A3YS7

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	24.5	36.7
125	12.2	13.7	20.5#

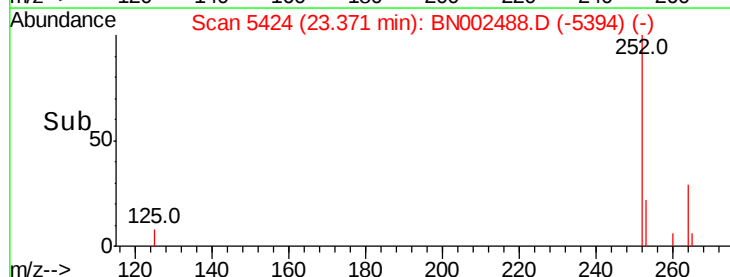
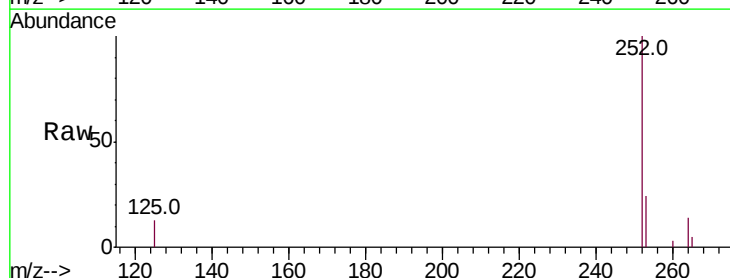
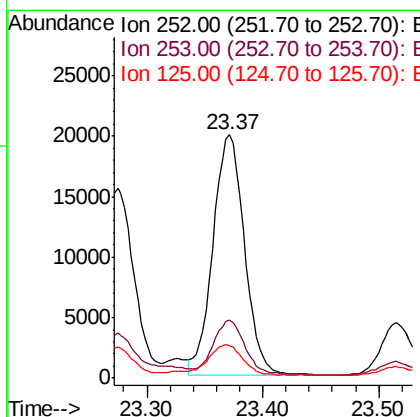
Manual Integrations
APPROVED

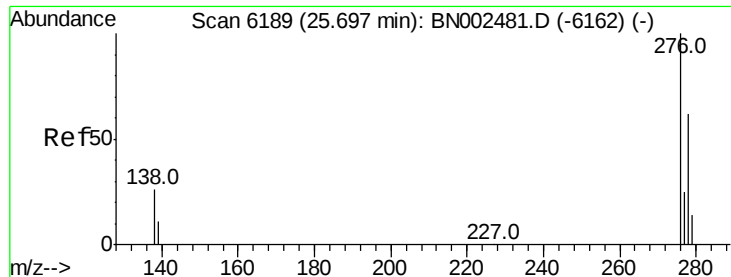
Sohil
8/24/2018 5:11:59 PM



#23
Benzo(a)pyrene
Concen: 1.056 ng/ul
RT: 23.37 min Scan# 5424
Delta R.T. -0.01 min
Lab File: BN002488.D
Acq: 24 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.0	24.0
125	13.1	12.0	18.0





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.706 ng/uL

RT: 25.68 min Scan# 6185

Delta R.T. -0.01 min

Lab File: BN002488.D

Acq: 24 Aug 2018 04:22

Instrument :

BNA_N

ClientSampleId :

A3YS7

Tot Ion:276 Resp: 26057

Ion Ratio Lower Upper

276 100

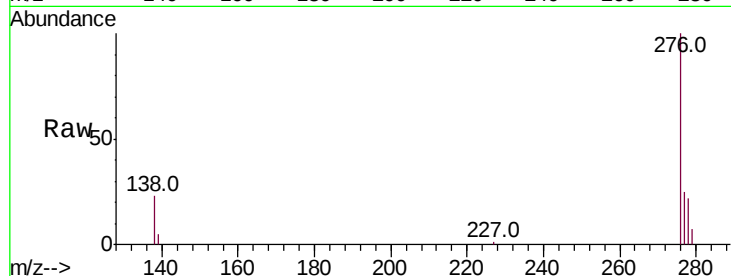
138 22.4 28.0 42.0#

227 0.2 0.8 1.2#

Manual Integrations
APPROVED

Sohil

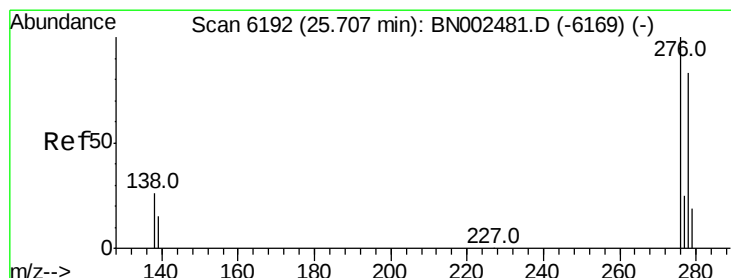
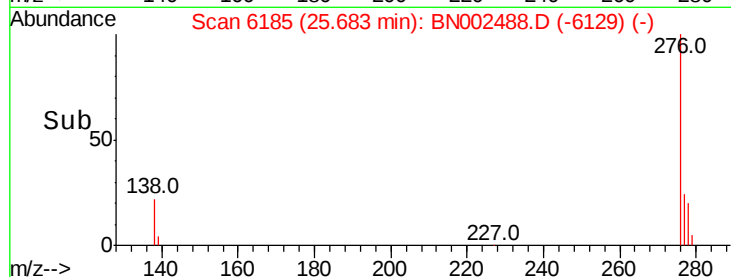
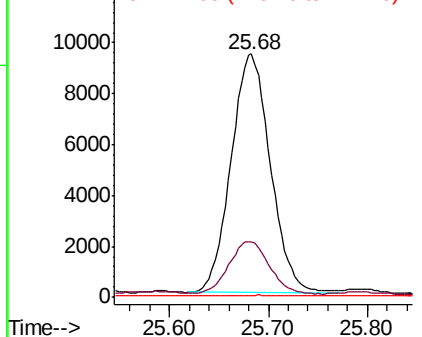
8/24/2018 5:11:59 PM



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: 0.220 ng/uL

RT: 25.68 min Scan# 6185

Delta R.T. -0.02 min

Lab File: BN002488.D

Acq: 24 Aug 2018 04:22

Tgt Ion:278 Resp: 6407

Ion Ratio Lower Upper

278 100

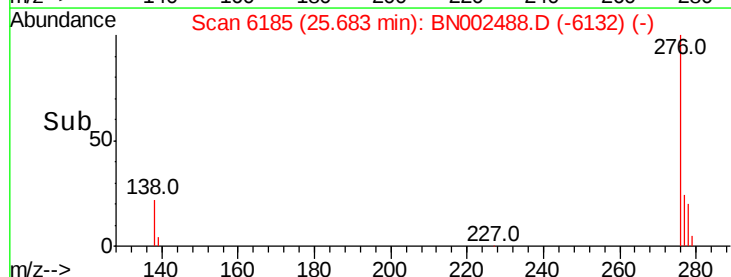
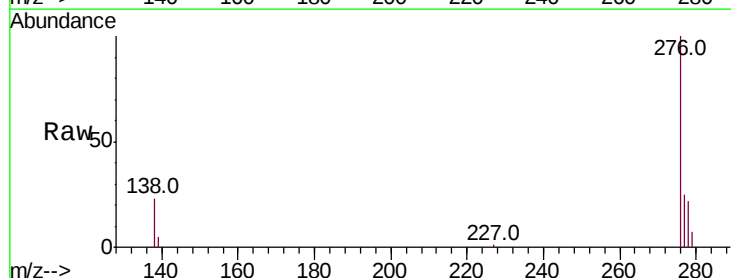
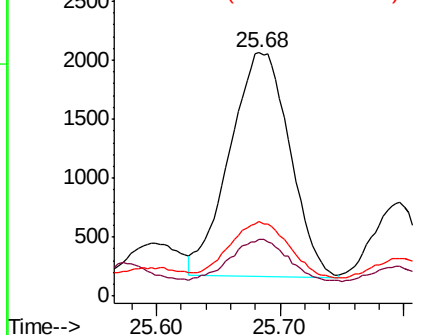
139 23.4 17.4 26.0

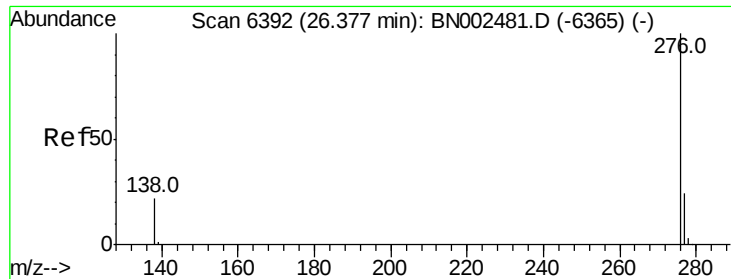
279 30.5 25.9 38.9

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: 0.791 ng/ul

RT: 26.36 min Scan# 6386

Delta R.T. -0.02 min

Lab File: BN002488.D

Acq: 24 Aug 2018 04:22

Instrument :

BNA_N

ClientSampleId :

A3YS7

Tot Ion:	276	Resp:	24993
Ion Ratio	Lower	Upper	
276	100		
138	23.5	21.8	32.8
277	24.1	20.5	30.7

Manual Integrations
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Sohil
8/24/2018 5:11:59 PM

