

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007486.D
 Acq On : 29 Aug 2019 02:23
 Operator : HP/JU
 Sample : K4395-05
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AF0

Manual Integrations
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mohammad
 8/29/2019 7:51:14 AM

Quant Time: Aug 29 03:46:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 03:32:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5098	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	22562	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	11806	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	26573m	0.40	ng/ul	0.00
16) Chrysene-d12	21.01	240	21090m	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	18749m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	10502	0.30	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	25666m	0.30	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.20	128	9696	0.152	ng/ul#	95
5) 2-Methylnaphthalene	11.83	142	1324	0.031	ng/ul#	1
7) Acenaphthylene	13.76	152	10722	0.163	ng/ul#	86
8) Acenaphthene	14.11	153	223688	4.739	ng/ul	99
9) Fluorene	15.10	166	19394	0.380	ng/ul#	86
12) Phenanthrene	16.84	178	4692m	0.057	ng/ul	
13) Anthracene	16.93	178	157242m	2.012	ng/ul	
15) Fluoranthene	18.87	202	22669m	0.204	ng/ul	
17) Pyrene	19.23	202	23915m	0.232	ng/ul	
18) Benzo(a)anthracene	21.00	228	2952m	0.031	ng/ul	

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

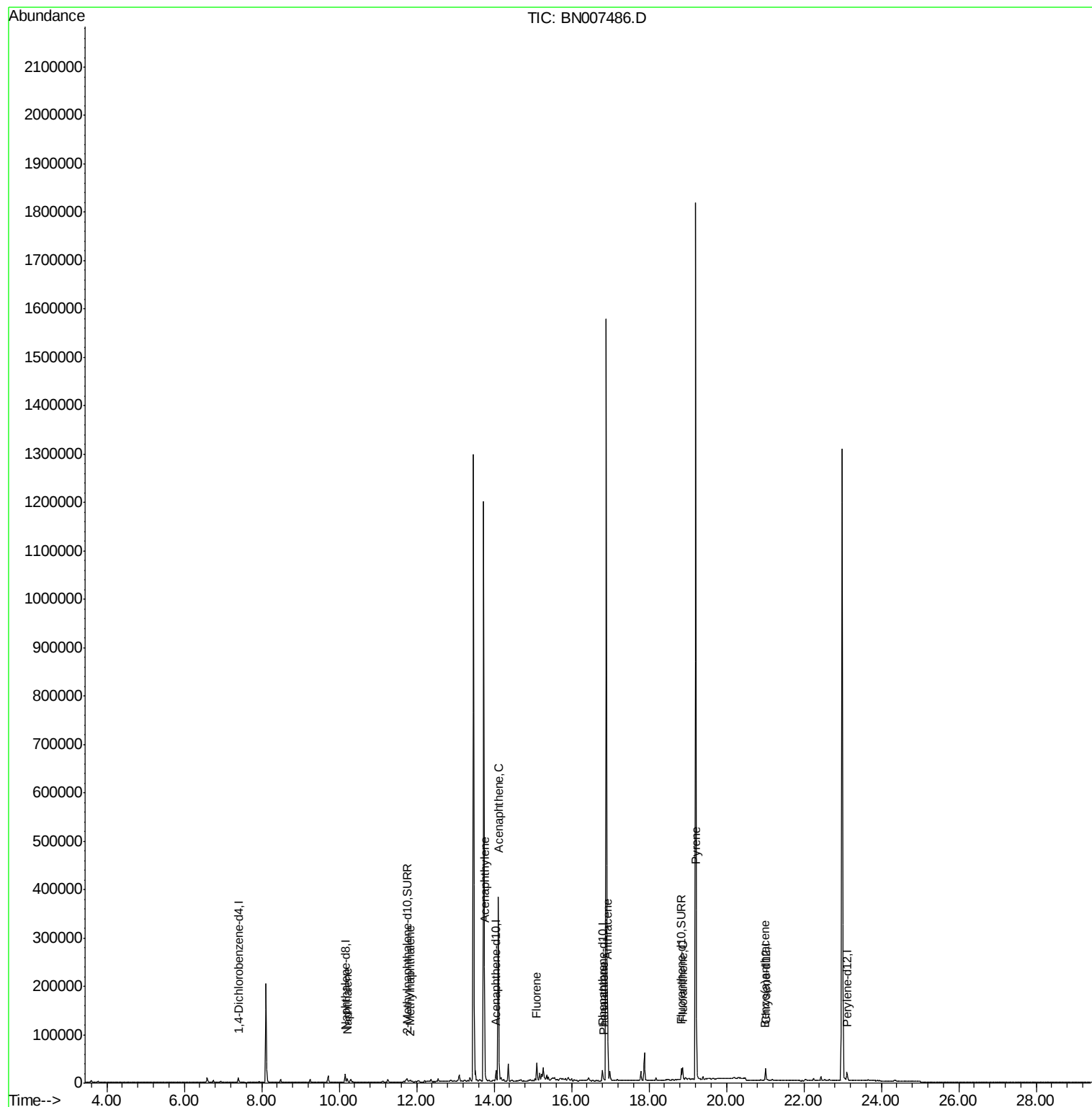
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007486.D
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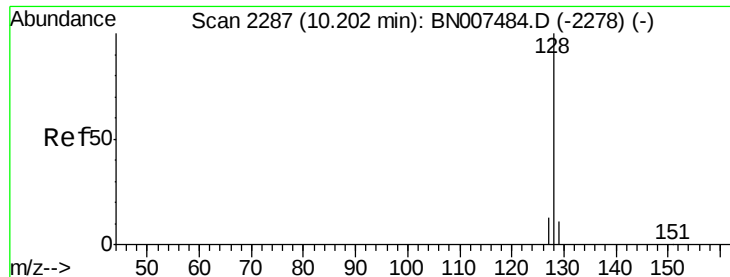
Instrument :
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#3

Naphthalene

Concen: 0.152 ng/ul

RT: 10.20 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BN007486.D

Acq: 29 Aug 2019 02:23

Instrument :

BNA_N

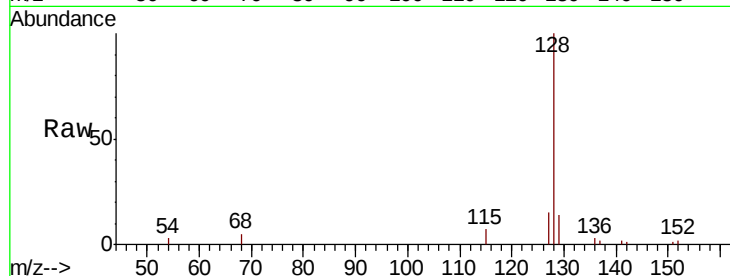
ClientSampleId :

C0AF0

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.2	13.8#
127	14.6	10.4	15.6

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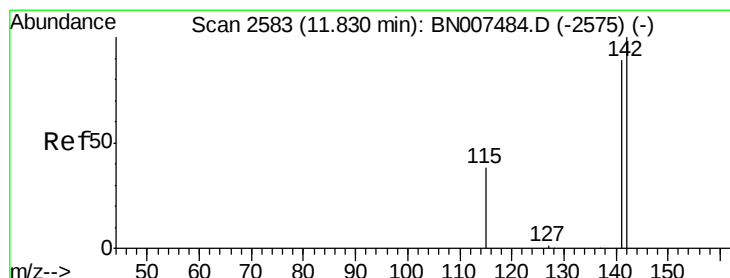
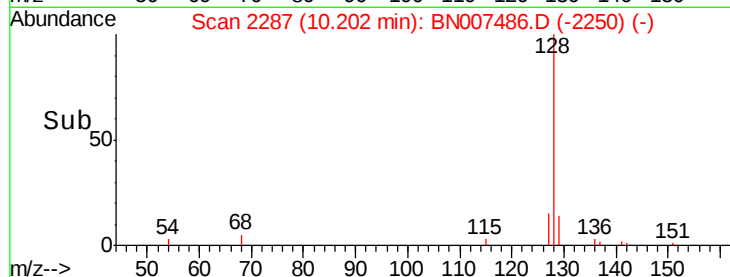
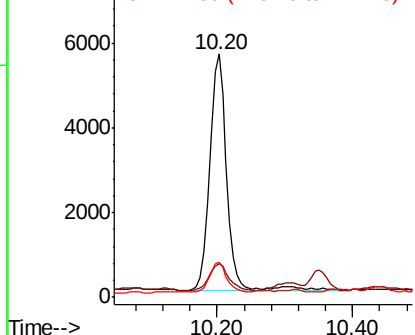


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.031 ng/ul

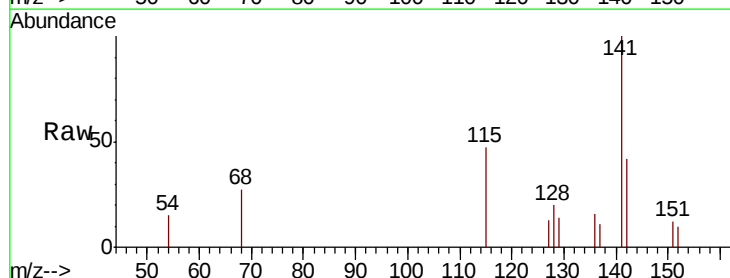
RT: 11.83 min Scan# 2583

Delta R.T. 0.00 min

Lab File: BN007486.D

Acq: 29 Aug 2019 02:23

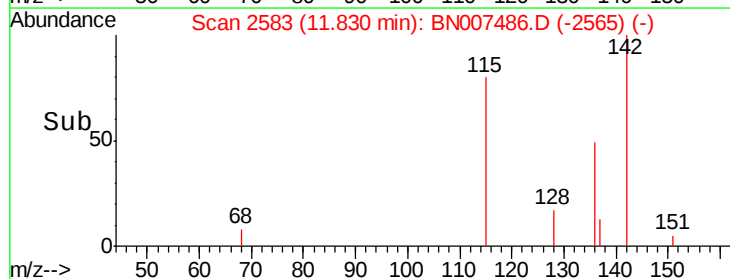
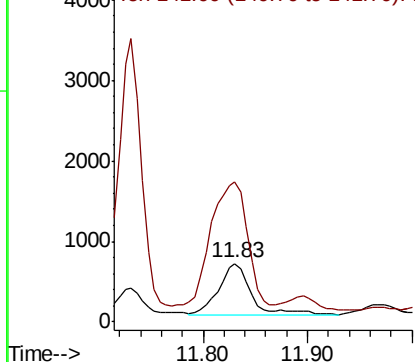
Tgt Ion	Ratio	Lower	Upper
142	100		
141	283.7	71.7	107.5#

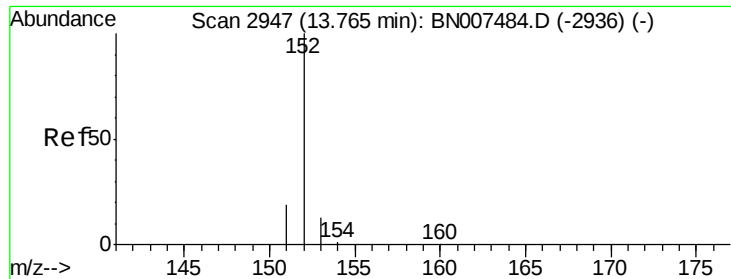


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.163 ng/ul

RT: 13.76 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BN007486.D

Acq: 29 Aug 2019 02:23

Instrument :

BNA_N

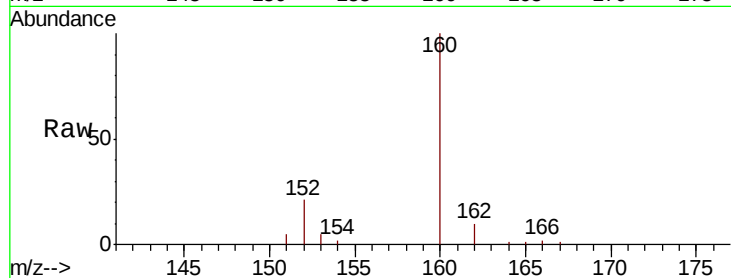
ClientSampleId :

C0AF0

Tot Ion:	152	Resp:	10722
Ion Ratio	Lower	Upper	
152	100		
151	23.4	15.8	23.6
153	22.3	10.8	16.2

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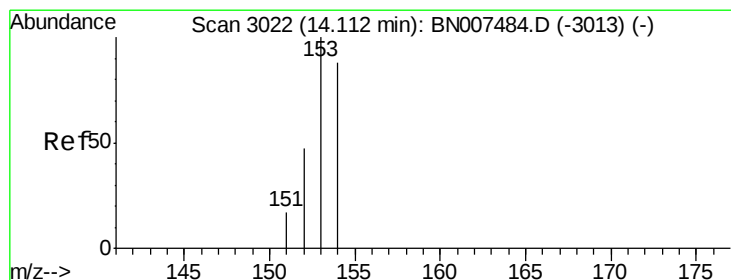
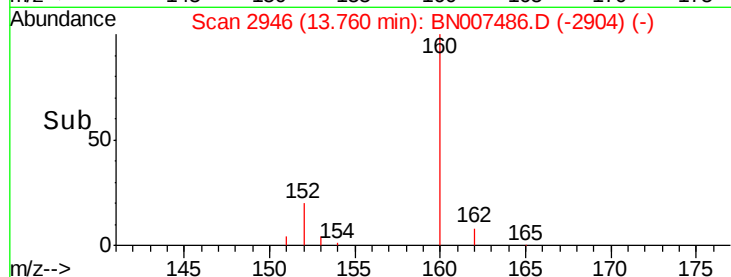
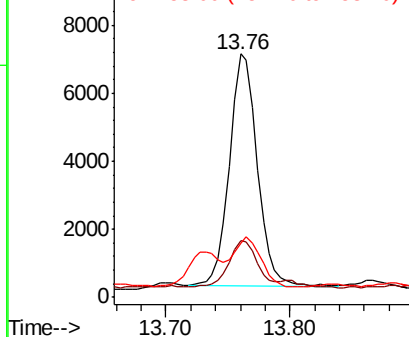


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 4.739 ng/ul

RT: 14.11 min Scan# 3021

Delta R.T. -0.00 min

Lab File: BN007486.D

Acq: 29 Aug 2019 02:23

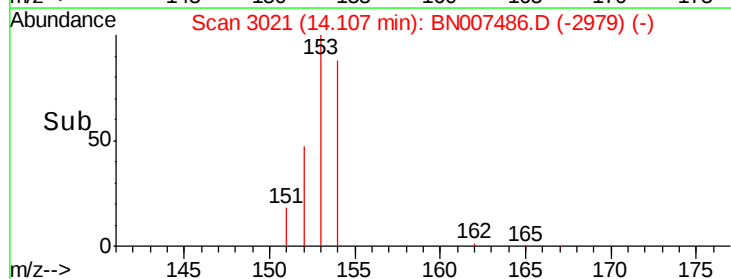
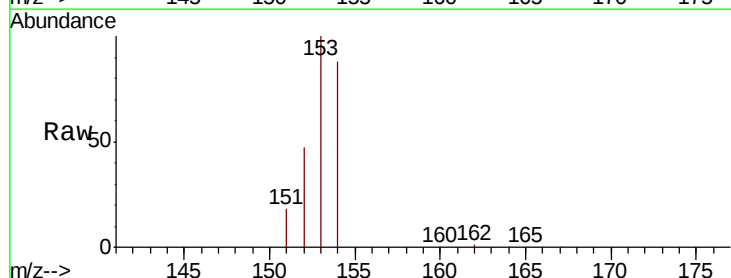
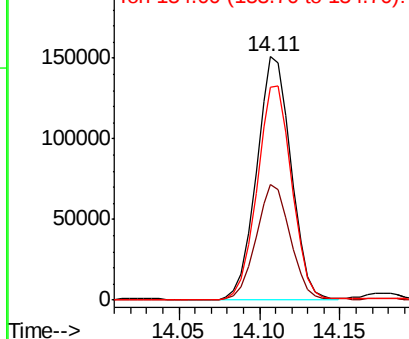
Tgt Ion:	153	Resp:	223688
Ion Ratio	Lower	Upper	
153	100		
152	47.3	39.1	58.7
154	87.6	69.4	104.2

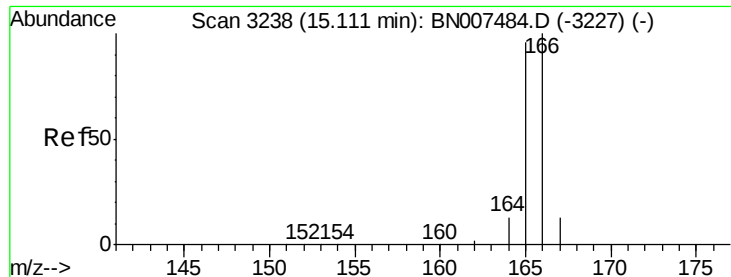
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





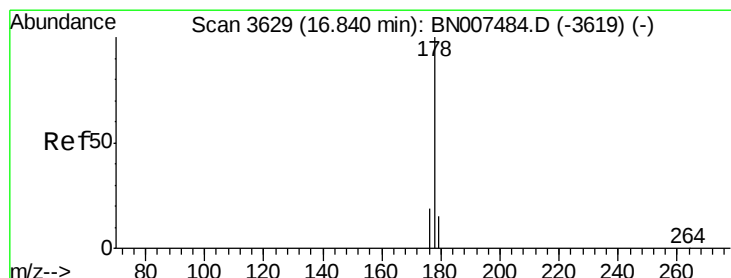
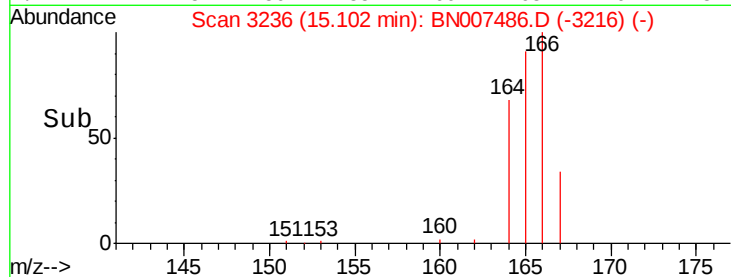
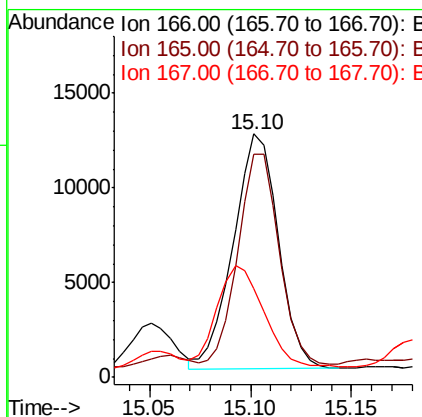
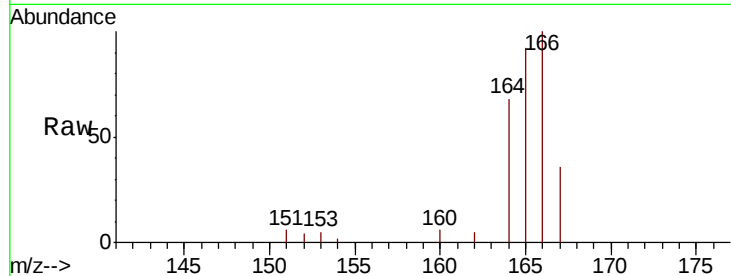
#9
Fluorene
 Concen: 0.380 ng/ul
 RT: 15.10 min Scan# 3236
 Delta R.T. -0.01 min
 Lab File: BN007486.D
 Acq: 29 Aug 2019 02:23

Instrument :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	91.5	79.6	119.4
167	36.3	11.7	17.5#

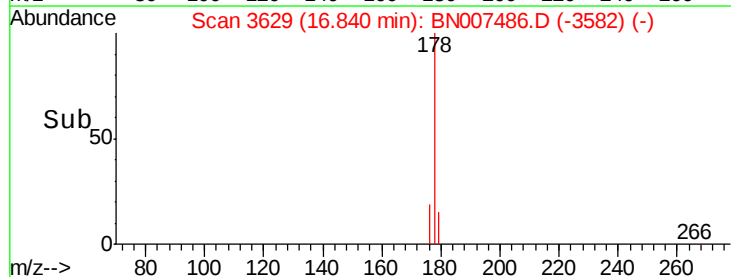
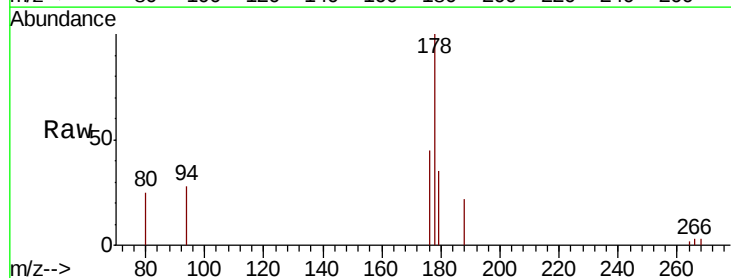
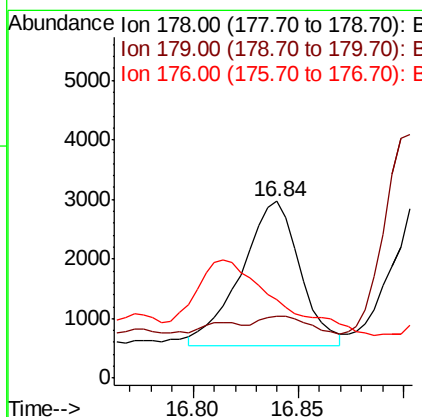
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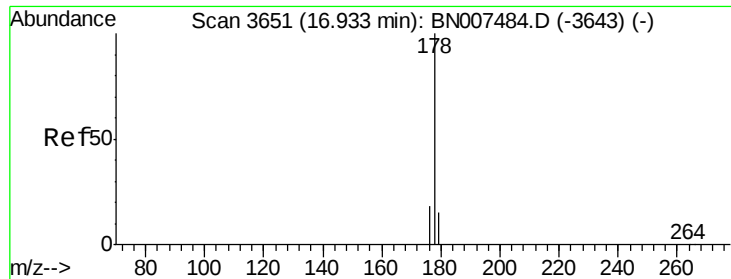
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#12
Phenanthrene
 Concen: 0.057 ng/ul m
 RT: 16.84 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: BN007486.D
 Acq: 29 Aug 2019 02:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	34.7	12.8	19.2#
176	44.5	15.2	22.8#





#13

Anthracene

Concen: 2.012 ng/ul m

RT: 16.93 min Scan# 3651

Delta R.T. 0.00 min

Lab File: BN007486.D

Acq: 29 Aug 2019 02:23

Instrument :

BNA_N

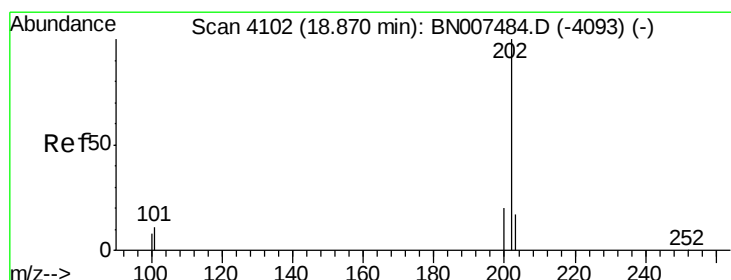
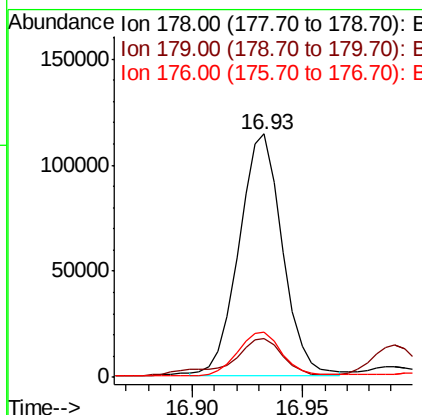
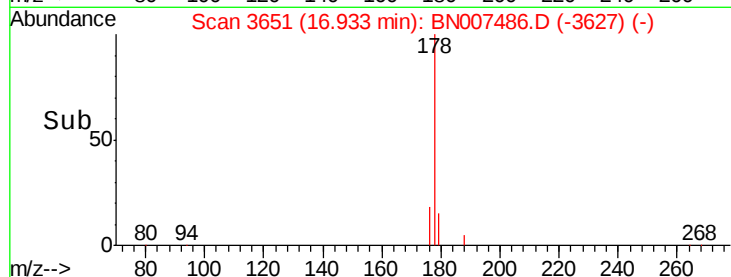
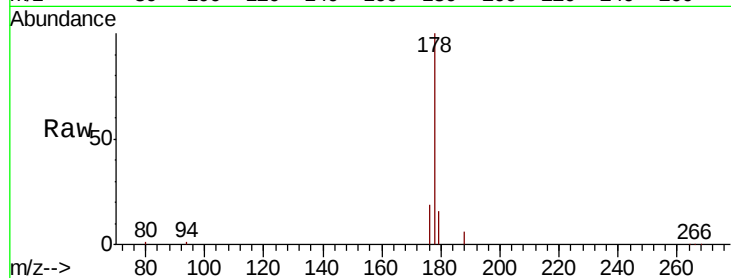
ClientSampleId :

C0AF0

Tot Ion:178	Resp:	157242
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.8 19.2
176	18.5	14.6 21.8

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#15

Fluoranthene

Concen: 0.204 ng/ul m

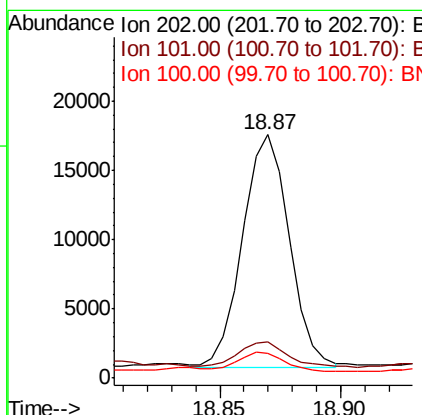
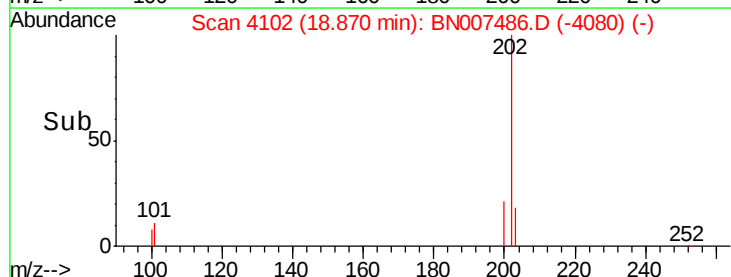
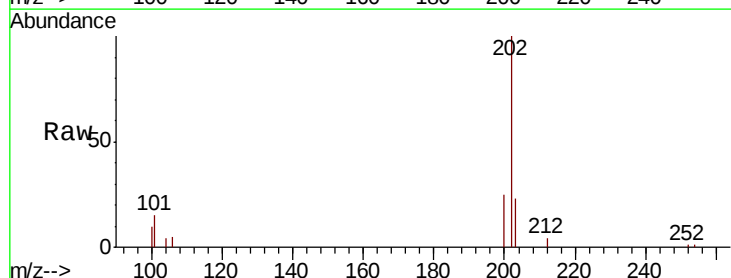
RT: 18.87 min Scan# 4102

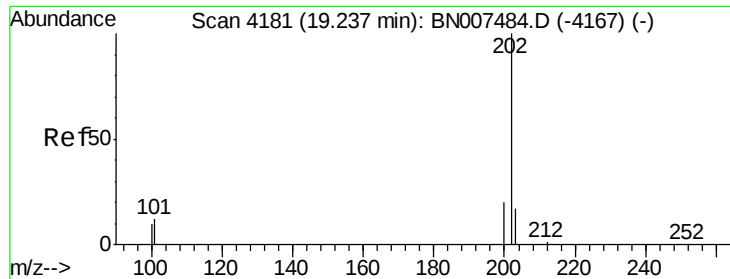
Delta R.T. 0.00 min

Lab File: BN007486.D

Acq: 29 Aug 2019 02:23

Tgt Ion:202	Resp:	22669
Ion Ratio	Lower	Upper
202	100	
101	14.9	0.0 31.3
100	10.3	0.0 28.5





#17

Pvrene

Concen: 0.232 ng/ul m

RT: 19.23 min Scan# 4180

Delta R.T. -0.00 min

Lab File: BN007486.D

Acq: 29 Aug 2019 02:23

Instrument :

BNA_N

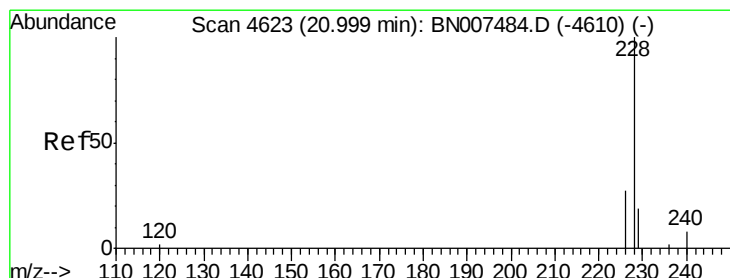
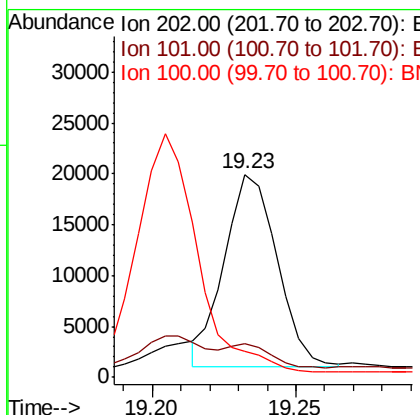
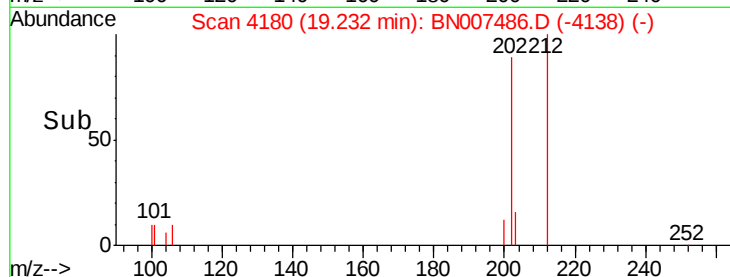
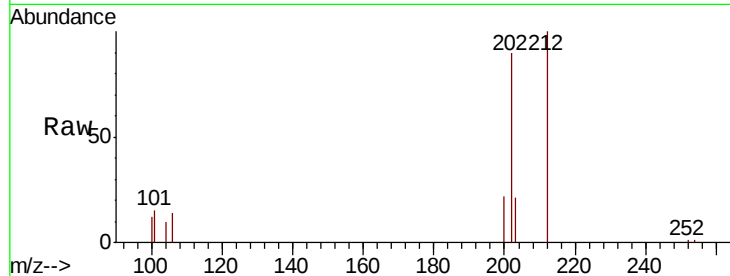
ClientSampleId :

C0AF0

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.4	10.7	16.1#
100	13.0	8.6	12.8#

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#18

Benzo(a)anthracene

Concen: 0.031 ng/ul m

RT: 21.00 min Scan# 4622

Delta R.T. -0.00 min

Lab File: BN007486.D

Acq: 29 Aug 2019 02:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	46.9	15.4	23.2#
226	47.1	22.0	33.0#

