

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008486.D
 Acq On : 07 Nov 2019 15:50
 Operator : JU
 Sample : K5565-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLNA1

Manual Integrations
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mohammad
 11/11/2019 8:08:04 AM

Quant Time: Nov 08 06:32:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 08 05:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	1589	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.31	136	6686	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.19	164	3641	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6816m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	5533	0.40	ng/ul	-0.01
20) Perylene-d12	23.31	264	4930m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2096	0.20	ng/ul	-0.02
14) Fluoranthene-d10	18.98	212	4795	0.24	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	59311	3.117	ng/ul	97
5) 2-Methylnaphthalene	11.98	142	9340	0.737	ng/ul	98
7) Acenaphthylene	13.90	152	1318	0.078	ng/ul#	75
8) Acenaphthene	14.25	153	22565	1.643	ng/ul	98
9) Fluorene	15.25	166	38909	2.588	ng/ul	100
12) Phenanthrene	16.98	178	300424	14.499	ng/ul	98
13) Anthracene	17.07	178	46837	2.581	ng/ul	97
15) Fluoranthene	19.01	202	306660	12.909	ng/ul	96
17) Pyrene	19.37	202	231818	8.580	ng/ul	100
18) Benzo(a)anthracene	21.13	228	98071	5.091	ng/ul	98
19) Chrysene	21.18	228	111925	4.565	ng/ul	99
21) Benzo(b)fluoranthene	22.67	252	102214m	5.563	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	39228m	1.878	ng/ul	
23) Benzo(a)pyrene	23.22	252	79136	4.278	ng/ul#	65
24) Indeno(1,2,3-cd)pyrene	25.45	276	49655	2.362	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.46	278	11489	0.689	ng/ul	98
26) Benzo(a,h,i)perylene	26.10	276	46827	2.485	ng/ul	96

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

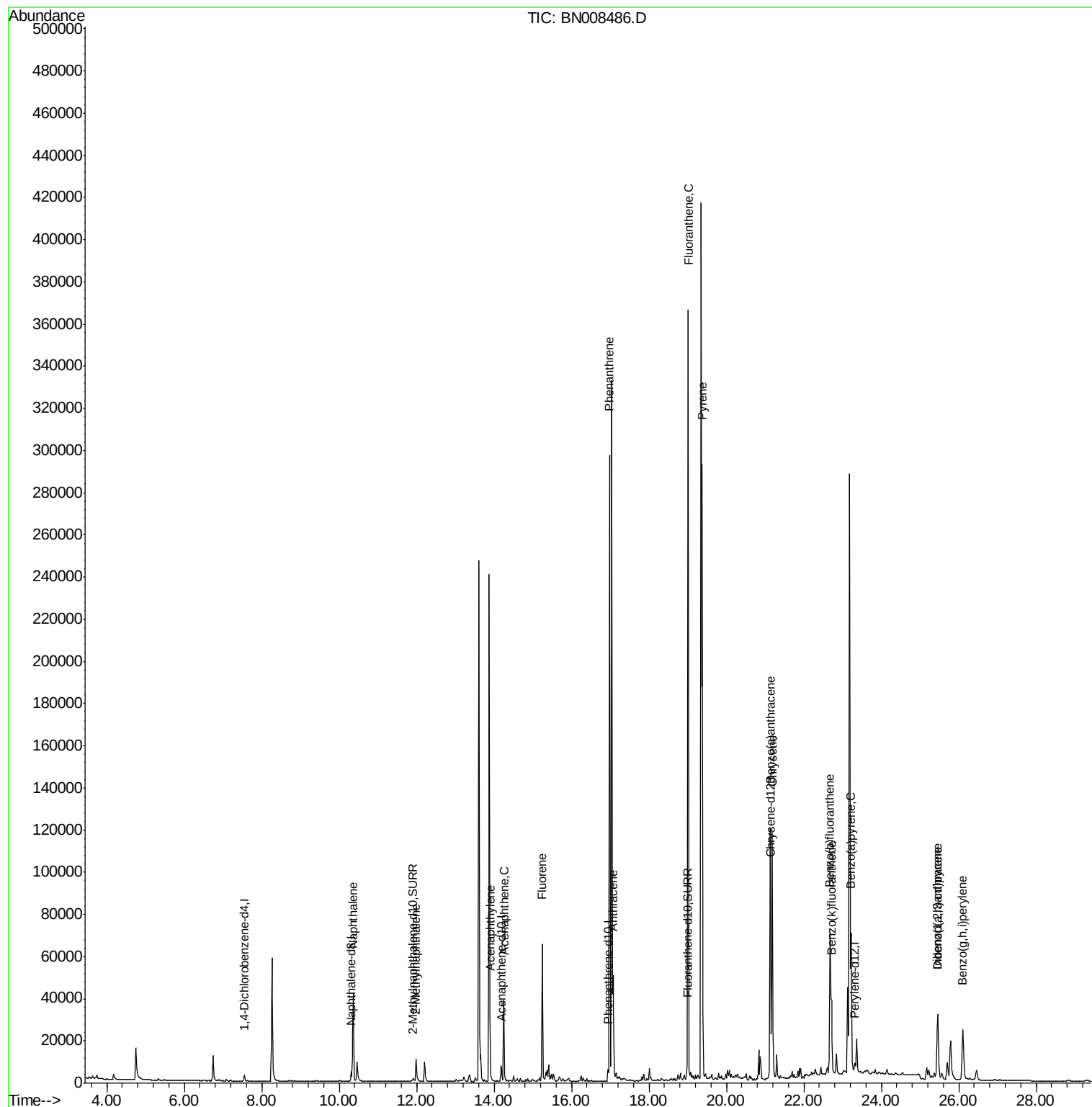
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
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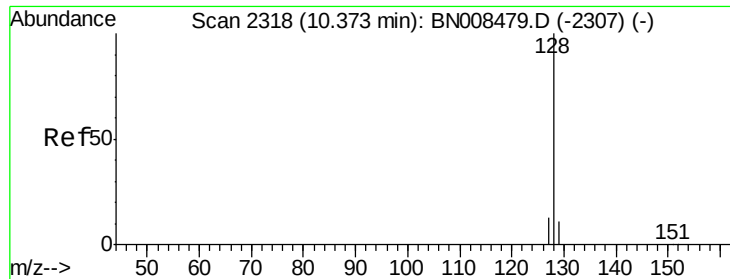
Instrument :
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Quant Time: Nov 08 06:32:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
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QLast Update : Fri Nov 08 05:42:36 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 3.117 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.02 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Instrument :

BNA_N

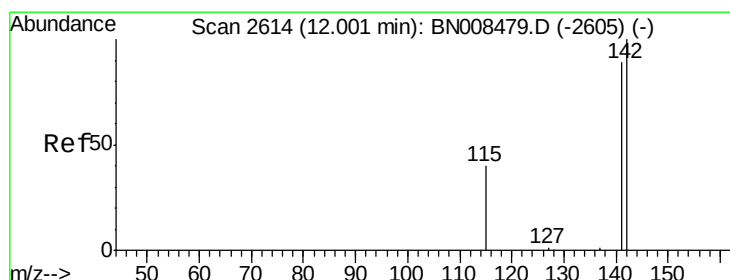
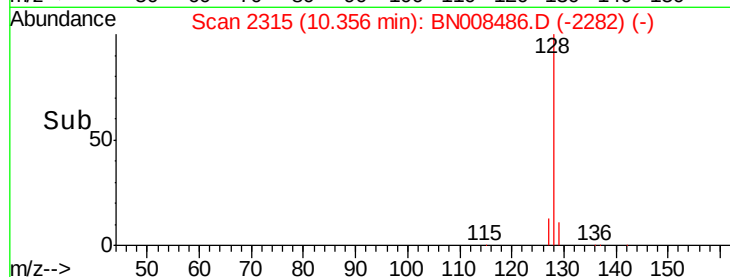
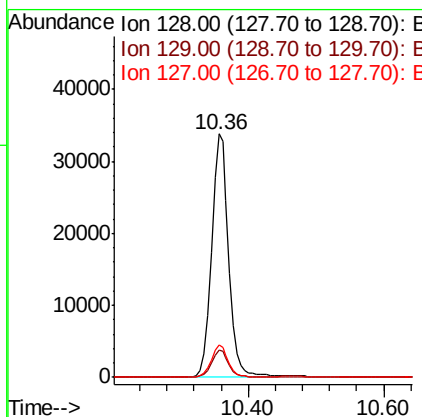
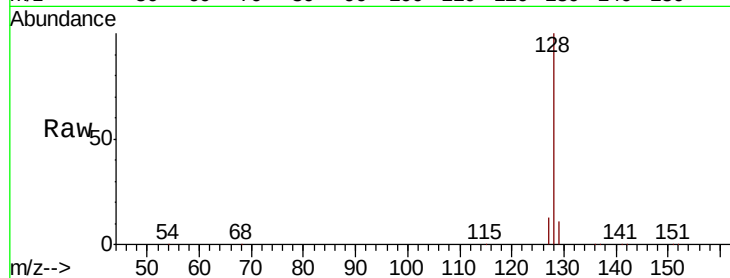
ClientSampleId :

JLNA1

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.0	15.0
127	13.1	11.6	17.4

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#5

2-Methylnaphthalene

Concen: 0.737 ng/ul

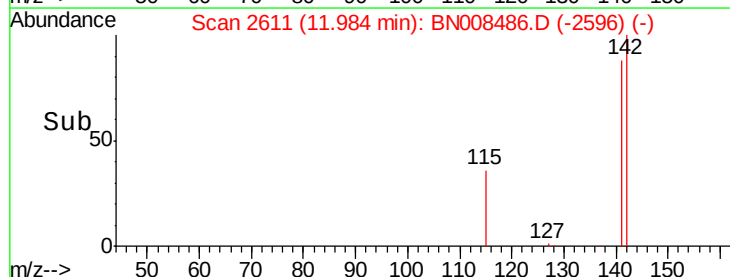
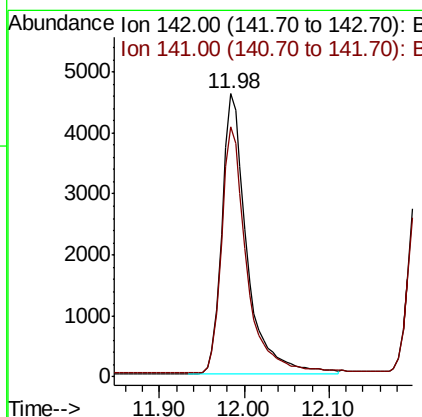
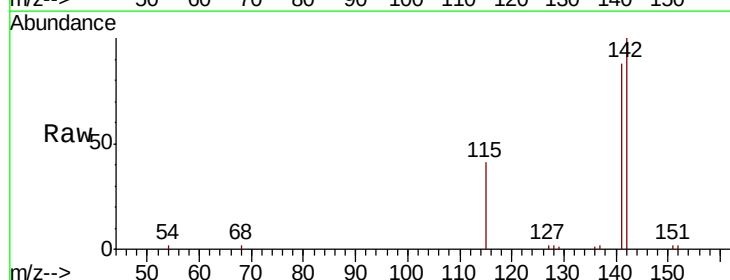
RT: 11.98 min Scan# 2611

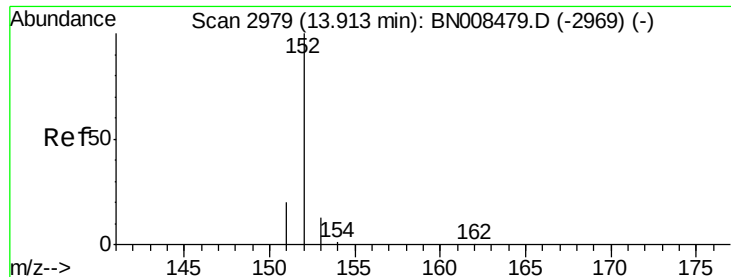
Delta R.T. -0.02 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.8	109.2





#7

Acenaphthylene

Concen: 0.078 ng/ul

RT: 13.90 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Instrument :

BNA_N

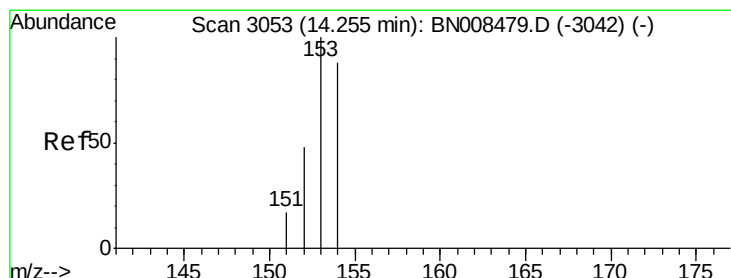
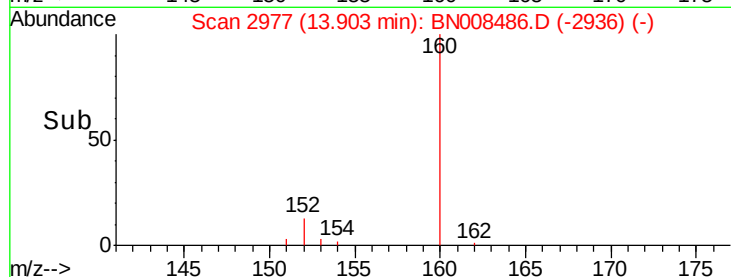
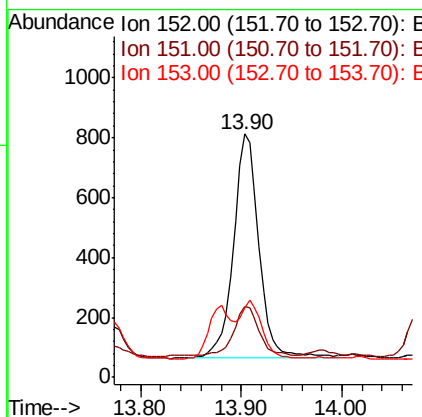
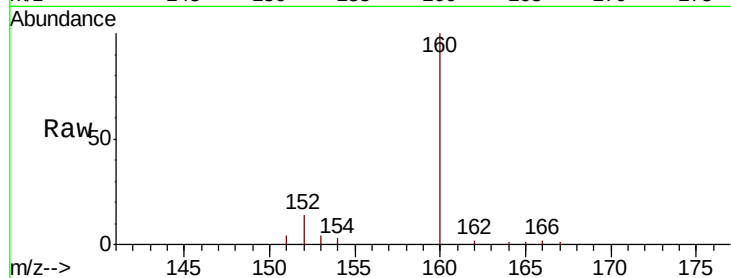
ClientSampled :

JLNA1

Tot Ion:	152	Resp:	1318
Ion Ratio	Lower	Upper	
152	100		
151	29.2	16.7	25.1#
153	28.7	11.4	17.2#

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#8

Acenaphthene

Concen: 1.643 ng/ul

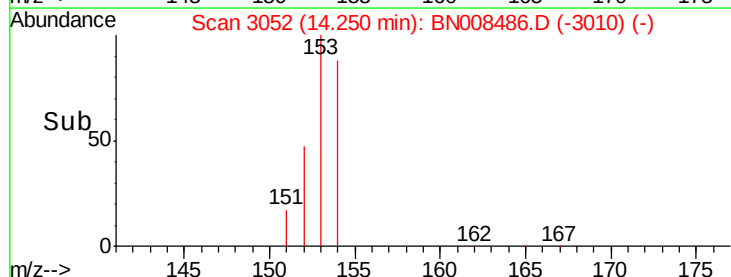
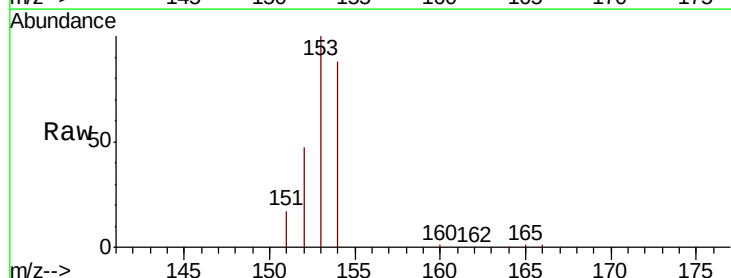
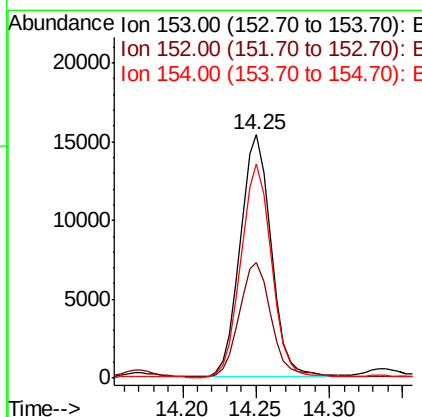
RT: 14.25 min Scan# 3052

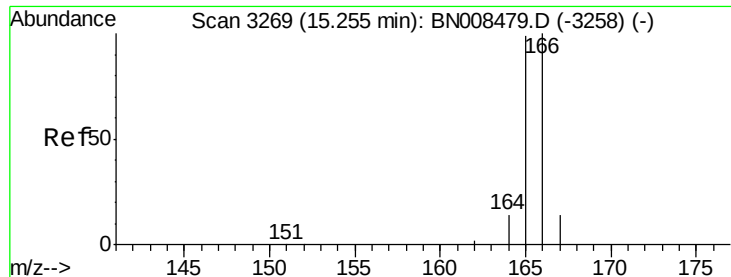
Delta R.T. -0.00 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Tgt Ion:	153	Resp:	22565
Ion Ratio	Lower	Upper	
153	100		
152	47.3	39.8	59.8
154	87.9	71.6	107.4





#9

Fluorene

Concen: 2.588 ng/ul

RT: 15.25 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Instrument :

BNA_N

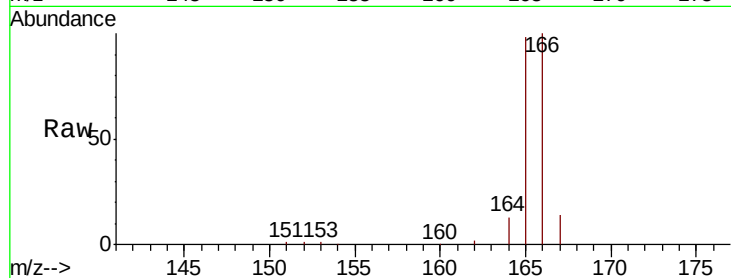
ClientSampleId :

JLNA1

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.2	117.2
167	14.4	12.1	18.1

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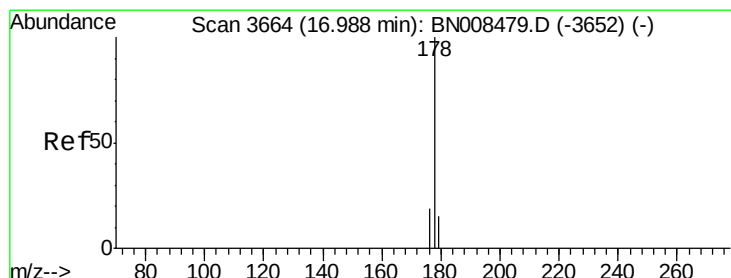
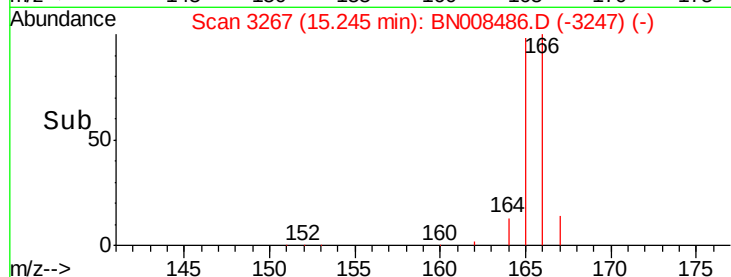
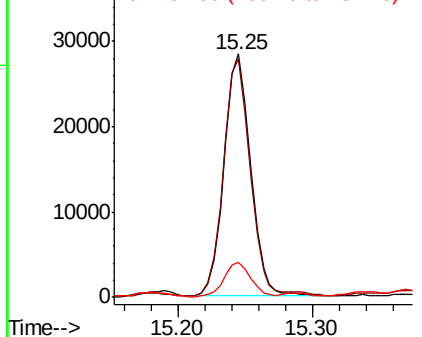


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 14.499 ng/ul

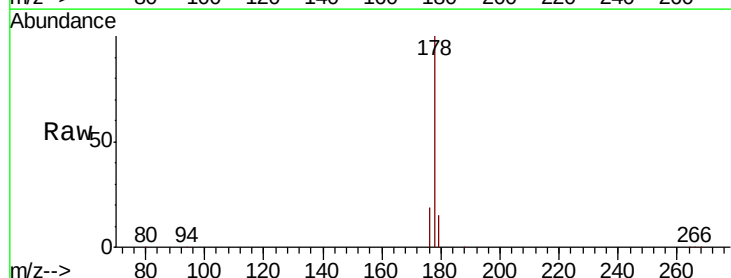
RT: 16.98 min Scan# 3662

Delta R.T. -0.01 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.2	19.8
176	19.0	15.6	23.4

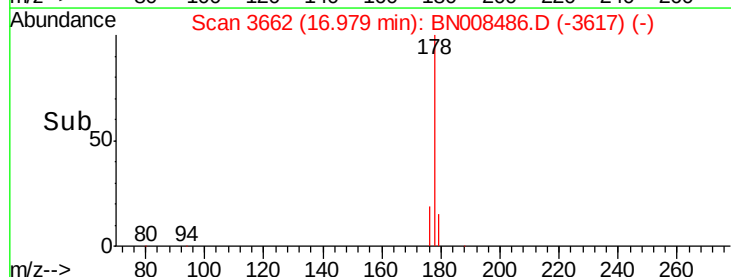
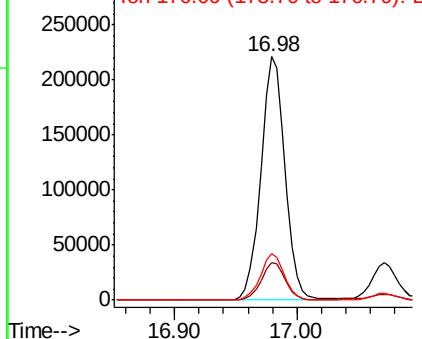


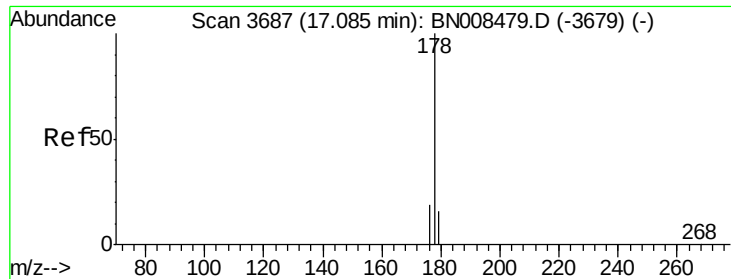
Abundance

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





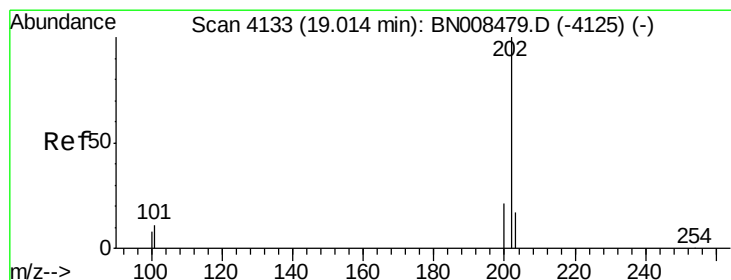
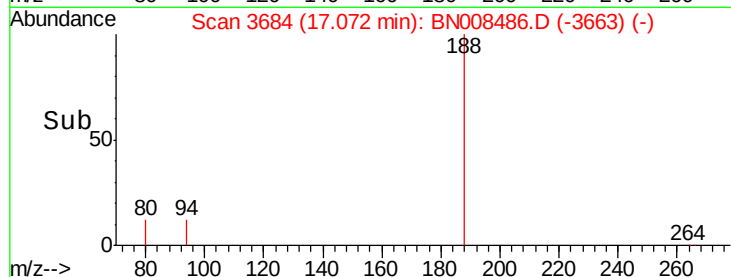
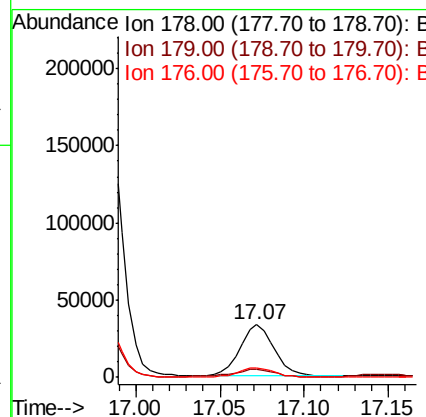
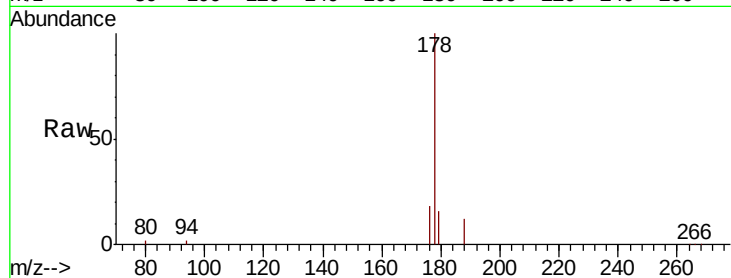
#13
 Anthracene
 Concen: 2.581 ng/ul
 RT: 17.07 min Scan# 3684
 Delta R.T. -0.01 min
 Lab File: BN008486.D
 Acq: 07 Nov 2019 15:50

Instrument :
 BNA_N
 ClientSampleId :
 JLNA1

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.7	20.5
176	18.3	15.7	23.5

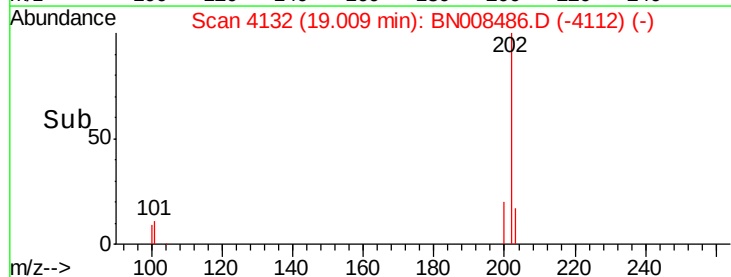
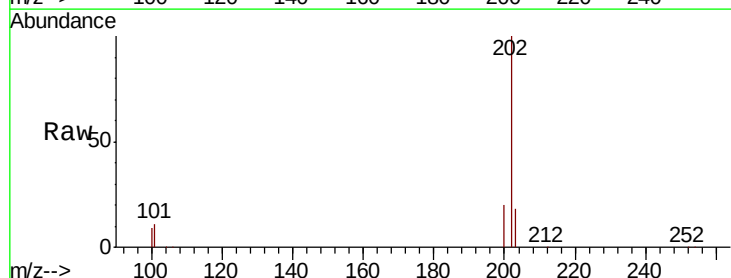
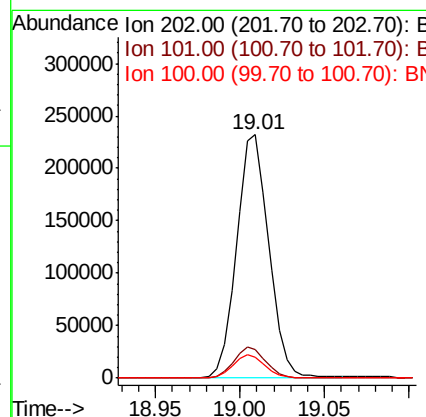
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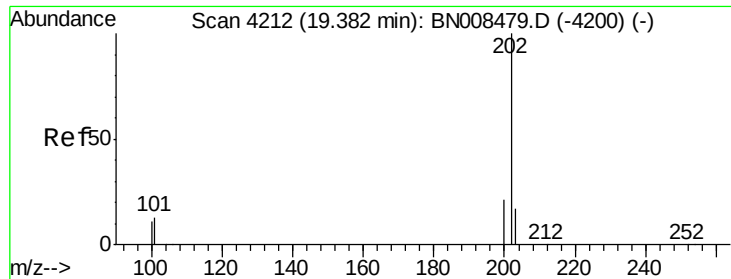
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#15
 Fluoranthene
 Concen: 12.909 ng/ul
 RT: 19.01 min Scan# 4132
 Delta R.T. -0.01 min
 Lab File: BN008486.D
 Acq: 07 Nov 2019 15:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	33.0
100	8.6	0.0	30.2





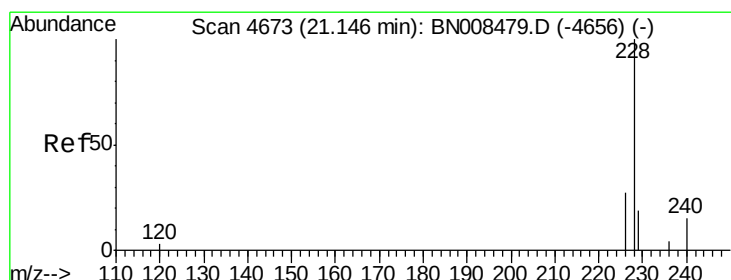
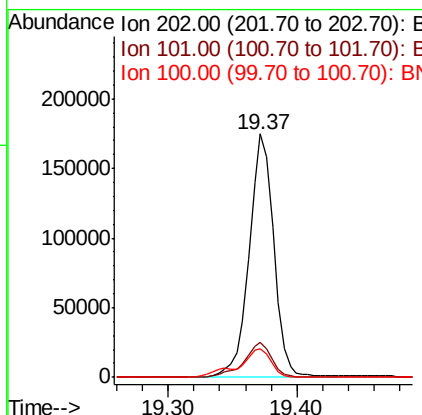
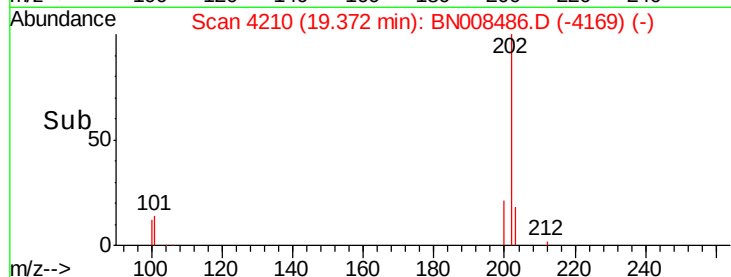
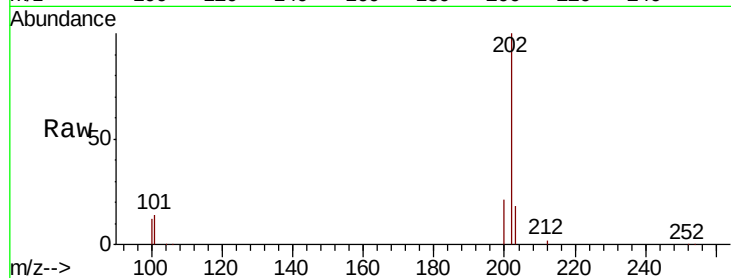
#17
Pvrene
Concen: 8.580 ng/ul
RT: 19.37 min Scan# 4210
Delta R.T. -0.01 min
Lab File: BN008486.D
Acq: 07 Nov 2019 15:50

Instrument :
BNA_N
ClientSampleId :
JLNA1

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.4	11.6	17.4
100	11.9	9.4	14.0

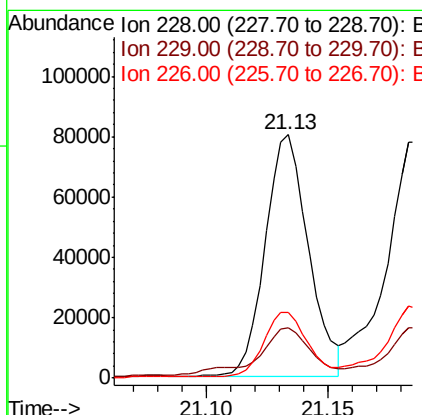
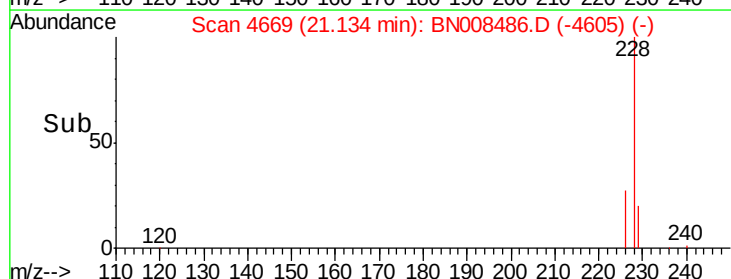
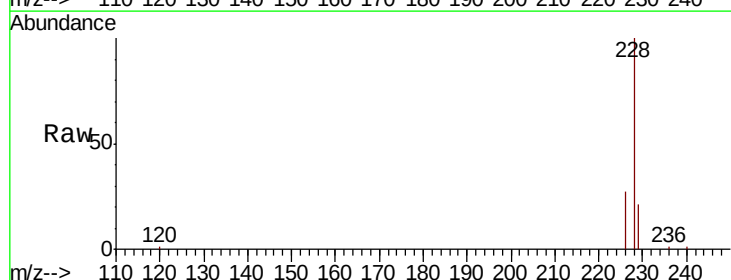
Manual Integrations
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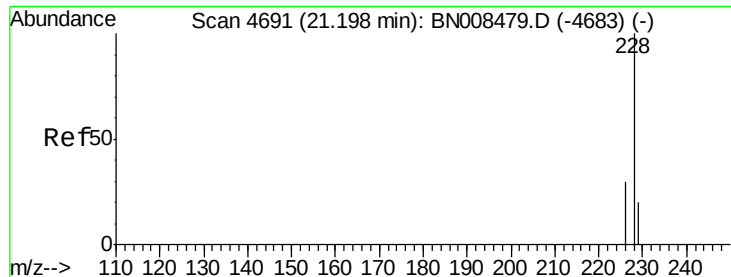
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#18
Benzo(a)anthracene
Concen: 5.091 ng/ul
RT: 21.13 min Scan# 4669
Delta R.T. -0.01 min
Lab File: BN008486.D
Acq: 07 Nov 2019 15:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.8	16.6	24.8
226	27.0	22.8	34.2





#19

Chrysene

Concen: 4.565 ng/ul

RT: 21.18 min Scan# 4686

Delta R.T. -0.02 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Instrument :

BNA_N

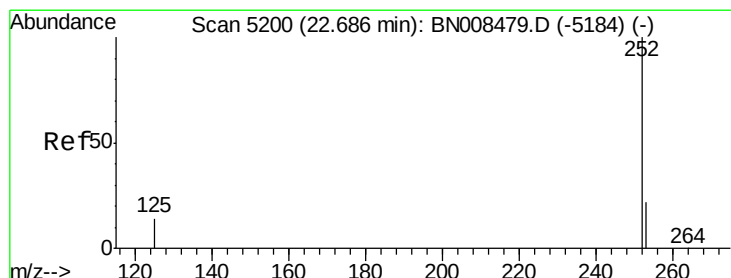
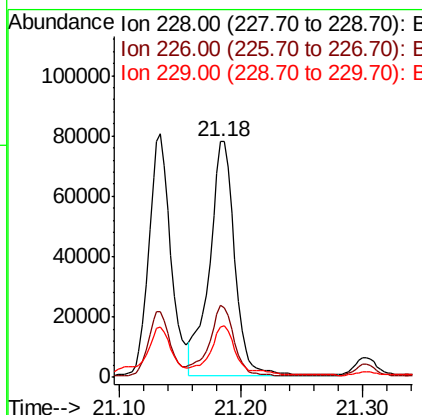
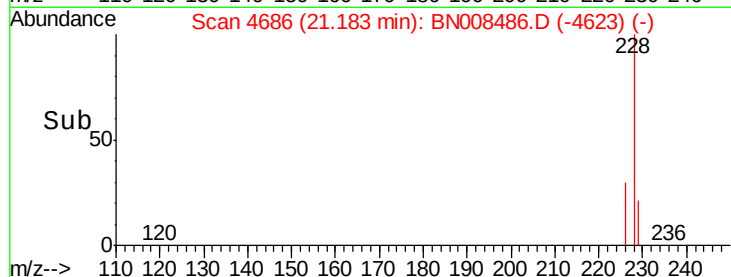
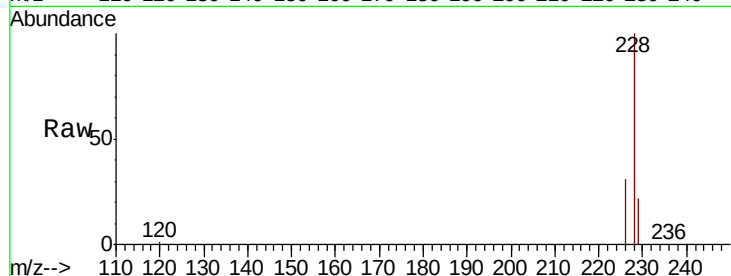
ClientSampleId :

JLNA1

Tot Ion:	228	Resp:	111925
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.9	37.3
229	21.6	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 5.563 ng/ul m

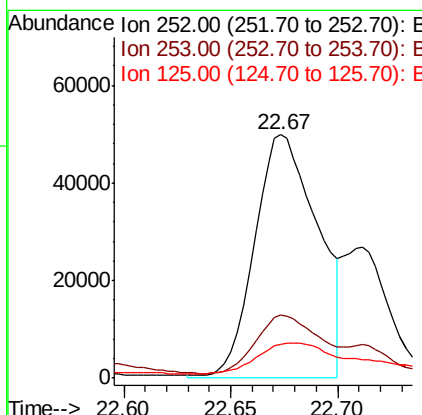
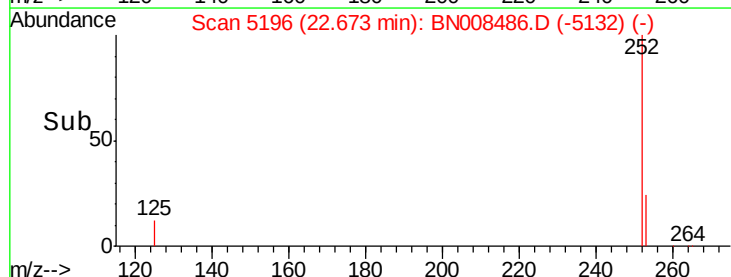
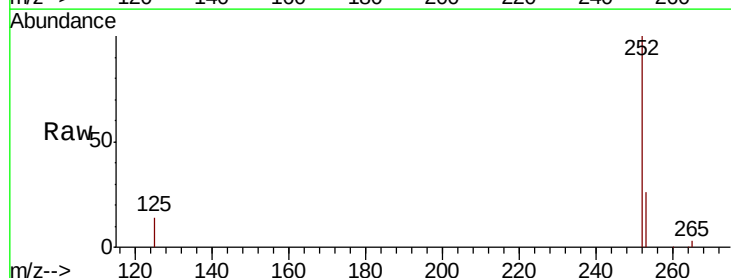
RT: 22.67 min Scan# 5196

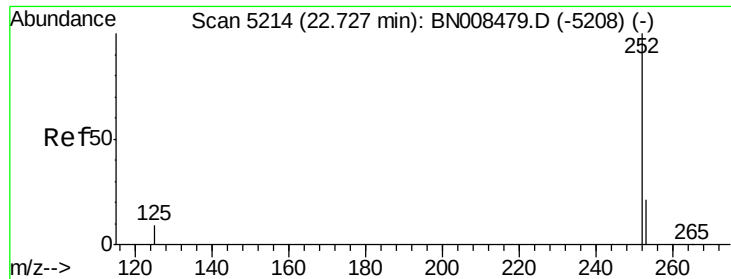
Delta R.T. -0.01 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Tgt Ion:	252	Resp:	102214
Ion Ratio	Lower	Upper	
252	100		
253	25.7	0.0	58.4
125	13.9	0.0	58.6





#22

Benzo(k)fluoranthene

Concen: 1.878 ng/ul m

RT: 22.71 min Scan# 5209

Delta R.T. -0.02 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Instrument :

BNA_N

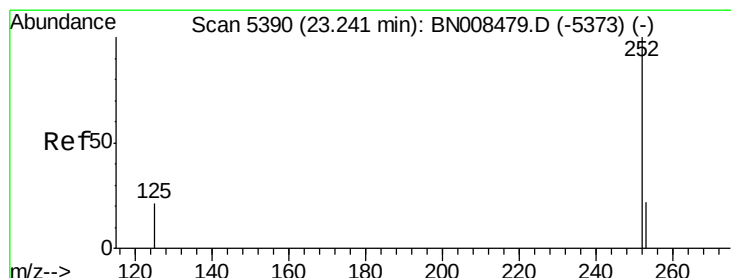
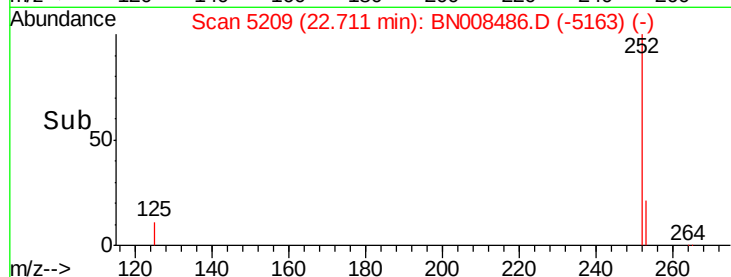
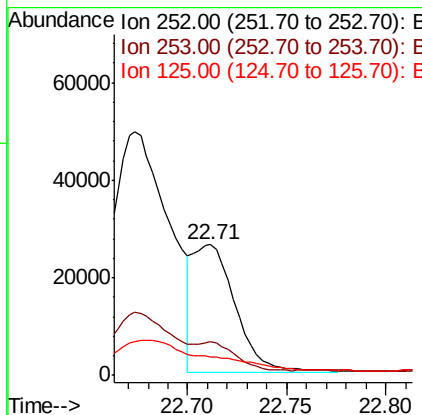
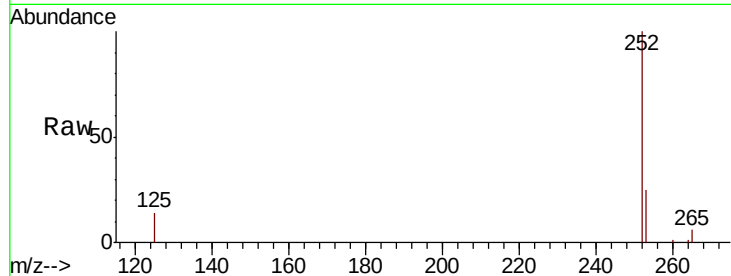
ClientSampleId :

JLNA1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	22.6	34.0
125	14.5	14.7	22.1#

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#23

Benzo(a)pyrene

Concen: 4.278 ng/ul

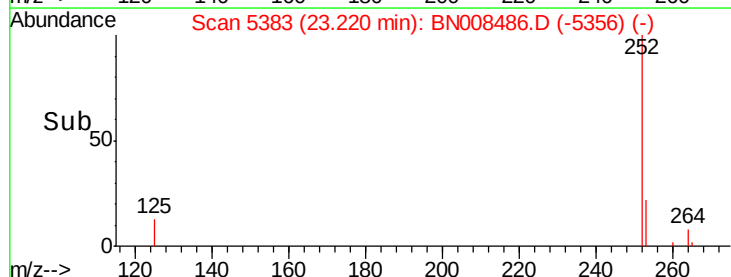
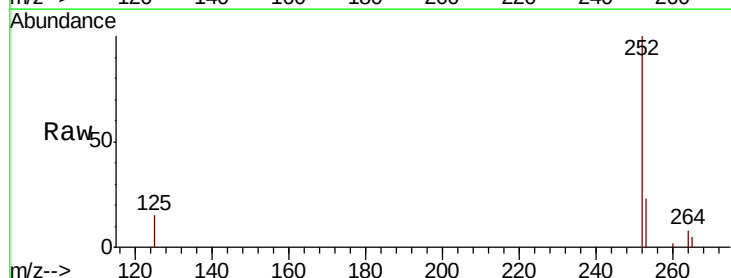
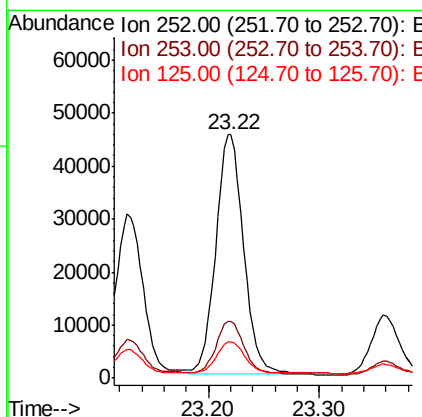
RT: 23.22 min Scan# 5383

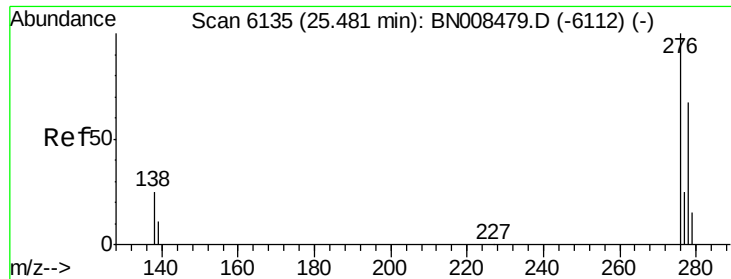
Delta R.T. -0.02 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	27.2	40.8#
125	15.1	37.0	55.6#





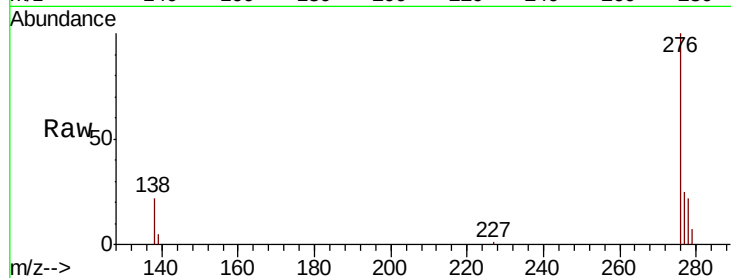
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.362 ng/ul
 RT: 25.45 min Scan# 6127
 Delta R.T. -0.03 min
 Lab File: BN008486.D
 Acq: 07 Nov 2019 15:50

Instrument :
 BNA_N
 ClientSampleId :
 JLNA1

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	18.3	27.5
227	0.2	0.0	0.0

Manual Integrations
 APPROVED

mohammad
 11/11/2019 8:08:04 AM

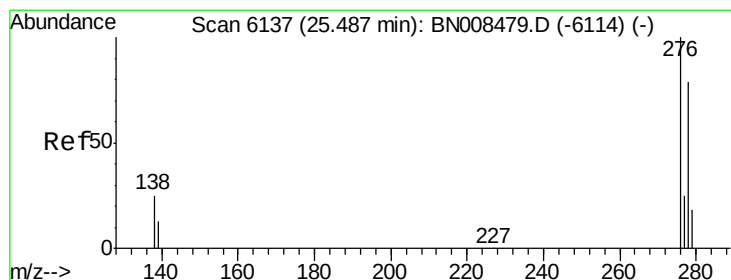
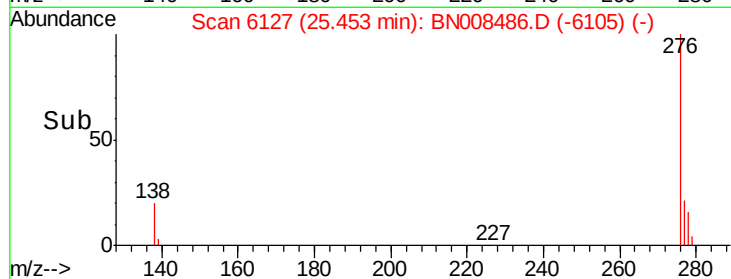
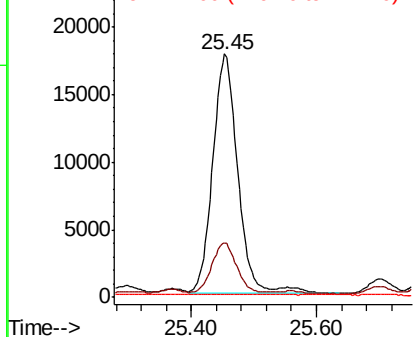


Abundance

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: 0.689 ng/ul
 RT: 25.46 min Scan# 6128
 Delta R.T. -0.03 min
 Lab File: BN008486.D
 Acq: 07 Nov 2019 15:50

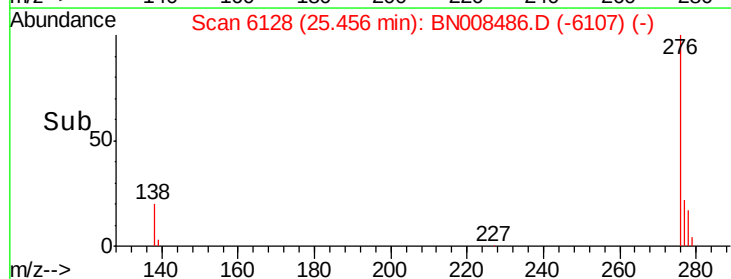
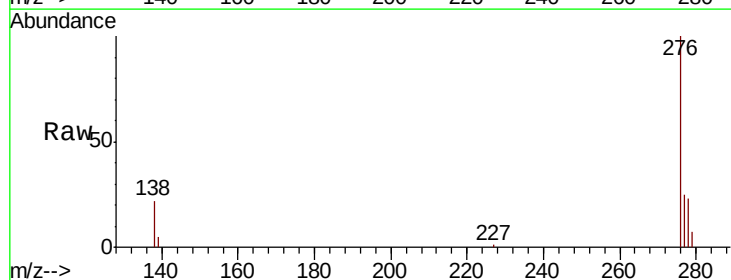
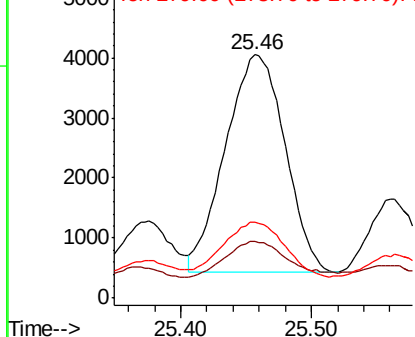
Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.6	17.6	26.4
279	31.0	25.1	37.7

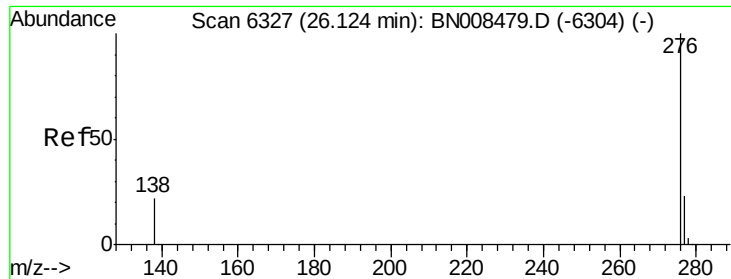
Abundance

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: 2.485 ng/ul
RT: 26.10 min Scan# 6321
Delta R.T. -0.02 min
Lab File: BN008486.D
Acq: 07 Nov 2019 15:50

Instrument :
BNA_N
ClientSampleId :
JLNA1

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.1	30.1
277	24.6	20.6	31.0

Manual Integrations
APPROVED

mohammad
11/11/2019 8:08:04 AM

