

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008104.D
 Acq On : 12 Oct 2019 09:23
 Operator : JU
 Sample : K5124-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM80

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 10/15/2019 7:58:18 AM

Quant Time: Oct 13 02:25:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3376	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	15146	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	10622	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	23848m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	24202m	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	18931m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	5890	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	18496m	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	15579	0.361	ng/ul	100
5) 2-Methylnaphthalene	12.07	142	7319	0.247	ng/ul	99
7) Acenaphthylene	13.98	152	22096	0.437	ng/ul	96
8) Acenaphthene	14.32	153	2787	0.071	ng/ul#	89
9) Fluorene	15.32	166	3262	0.073	ng/ul#	69
11) Pentachlorophenol	16.68	266	604m	0.105	ng/ul	
12) Phenanthrene	17.06	178	25276m	0.362	ng/ul	
13) Anthracene	17.14	178	7424m	0.121	ng/ul	
15) Fluoranthene	19.08	202	46956m	0.509	ng/ul	
17) Pyrene	19.45	202	88913	0.923	ng/ul	99
18) Benzo(a)anthracene	21.20	228	26323m	0.299	ng/ul	
19) Chrysene	21.25	228	24084m	0.223	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	299915m	4.867	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	79728m	1.142	ng/ul	
23) Benzo(a)pyrene	23.33	252	118604	1.829	ng/ul#	65
24) Indeno(1,2,3-cd)pyrene	25.61	276	81109	1.062	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.61	278	18782	0.311	ng/ul#	1
26) Benzo(g,h,i)perylene	26.28	276	95630	1.365	ng/ul#	89

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

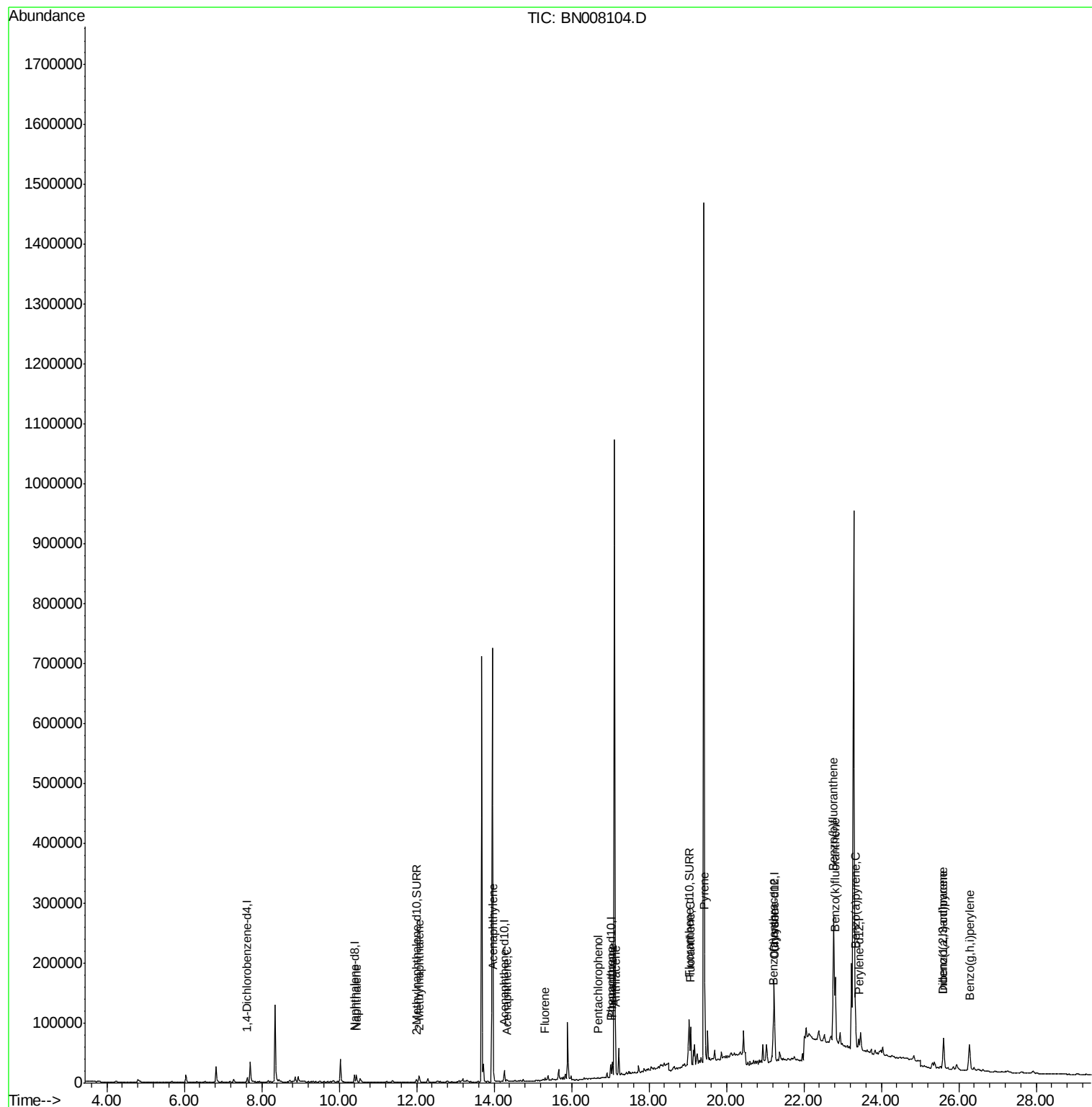
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
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ALS Vial : 37 Sample Multiplier: 1

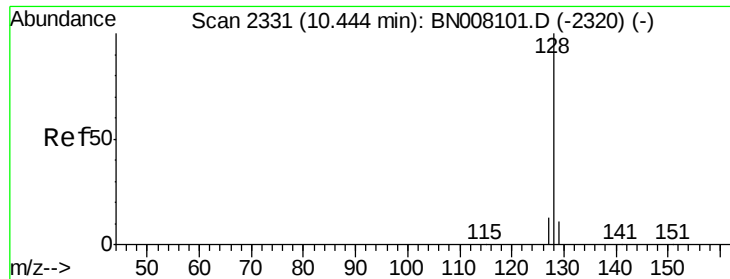
Instrument :
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JLM80

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Quant Time: Oct 13 02:25:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Fri Oct 11 19:05:54 2019
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#3

Naphthalene

Concen: 0.361 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008104.D

Acq: 12 Oct 2019 09:23

Instrument :

BNA_N

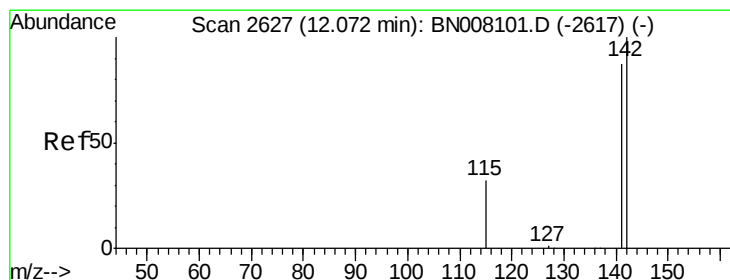
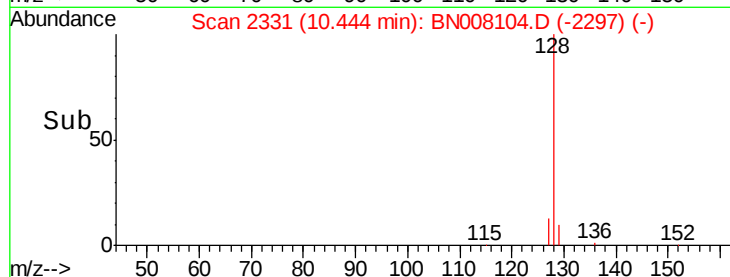
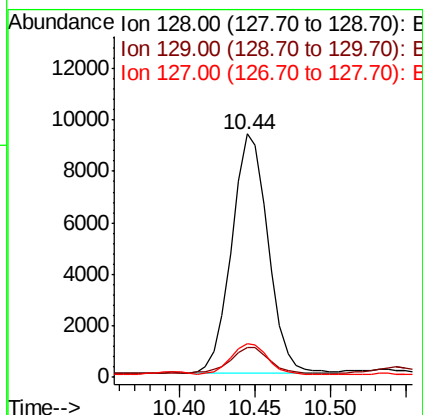
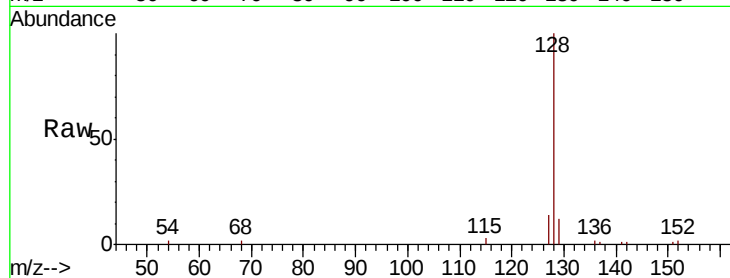
ClientSampleId :

JLM80

Tot Ion:	128	Resp:	15579
Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.8
127	14.0	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.247 ng/ul

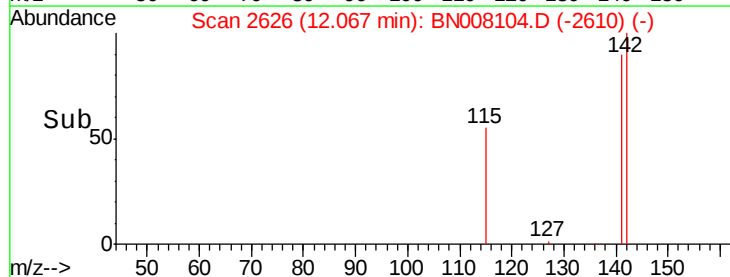
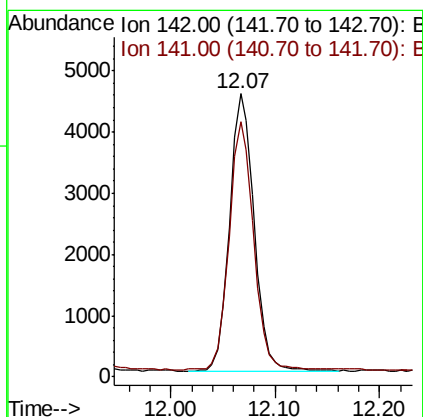
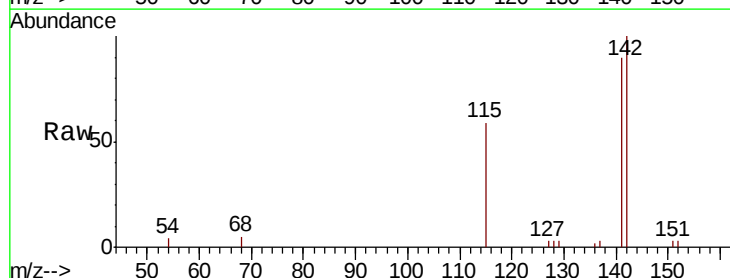
RT: 12.07 min Scan# 2626

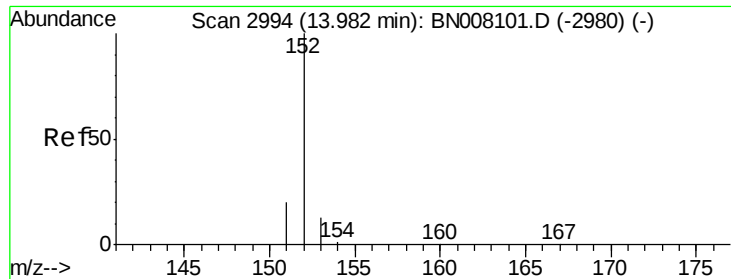
Delta R.T. -0.01 min

Lab File: BN008104.D

Acq: 12 Oct 2019 09:23

Tgt Ion:	142	Resp:	7319
Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.2





#7

Acenaphthylene

Concen: 0.437 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN008104.D

Acq: 12 Oct 2019 09:23

Instrument :

BNA_N

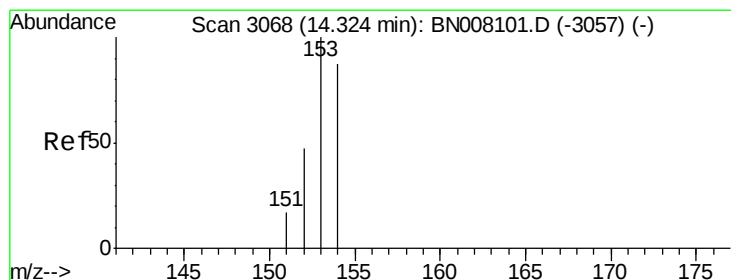
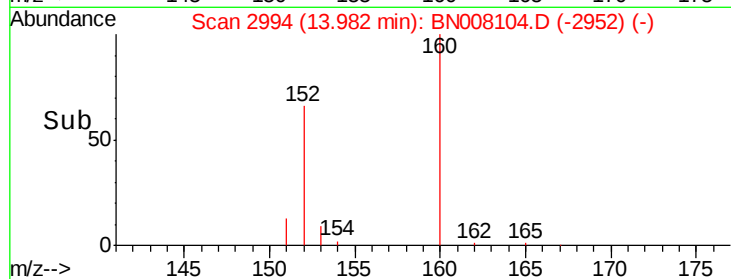
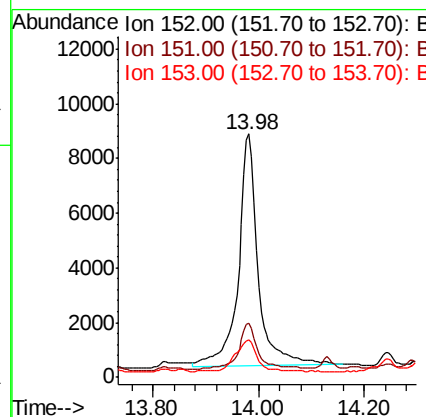
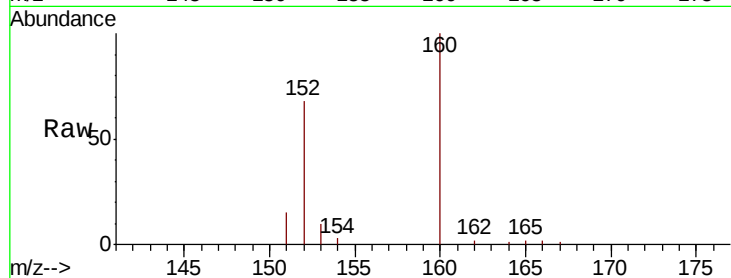
ClientSampleId :

JLM80

Tot Ion:	152	Resp:	22096
Ion Ratio	Lower	Upper	
152	100		
151	22.1	16.2	24.4
153	15.3	11.0	16.4

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#8

Acenaphthene

Concen: 0.071 ng/ul

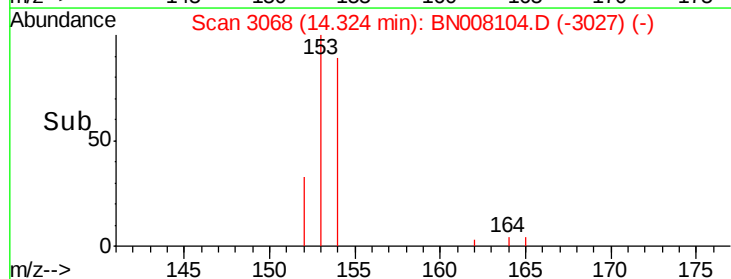
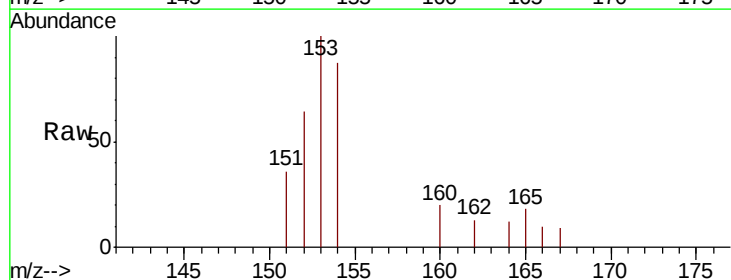
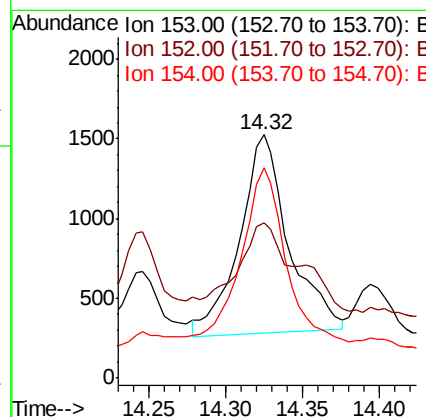
RT: 14.32 min Scan# 3068

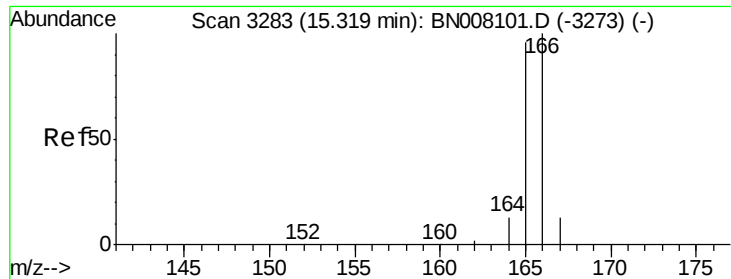
Delta R.T. -0.01 min

Lab File: BN008104.D

Acq: 12 Oct 2019 09:23

Tgt Ion:	153	Resp:	2787
Ion Ratio	Lower	Upper	
153	100		
152	64.0	38.2	57.2#
154	86.6	71.8	107.8





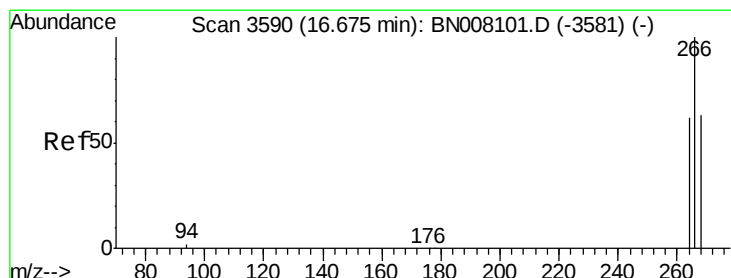
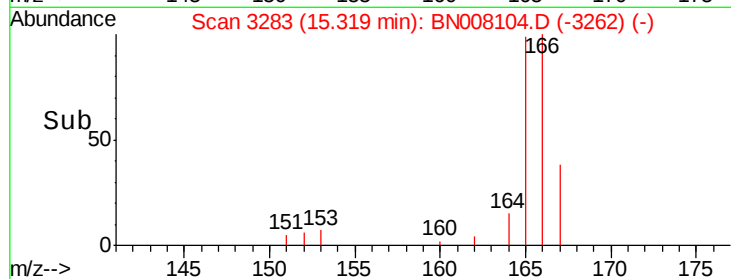
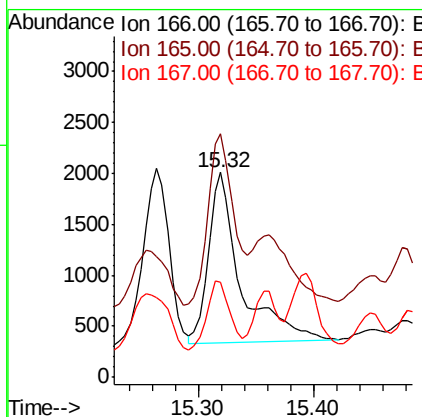
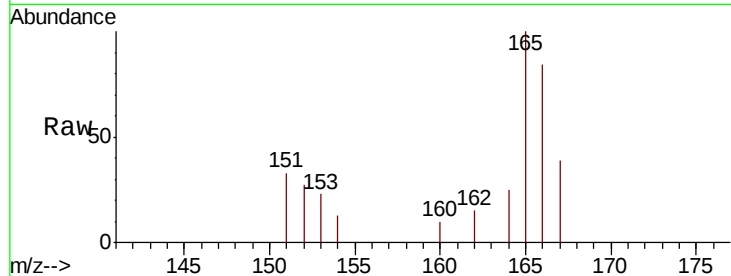
#9
Fluorene
 Concen: 0.073 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. -0.00 min
 Lab File: BN008104.D
 Acq: 12 Oct 2019 09:23

Instrument :
 BNA_N
 ClientSampleId :
 JLM80

Tot Ion	Ratio	Lower	Upper
166	100		
165	118.8	76.6	115.0#
167	46.2	11.7	17.5#

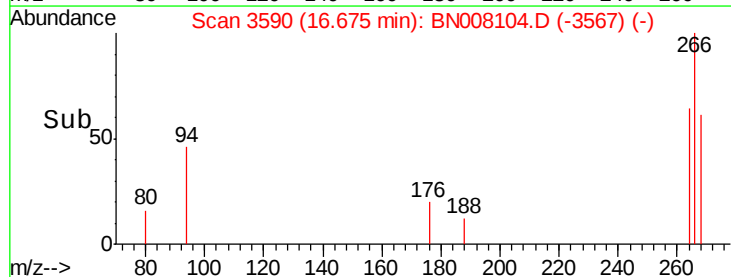
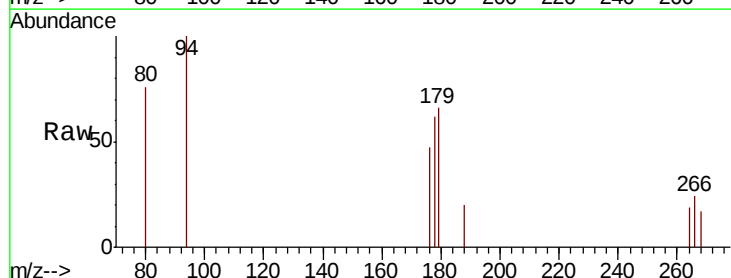
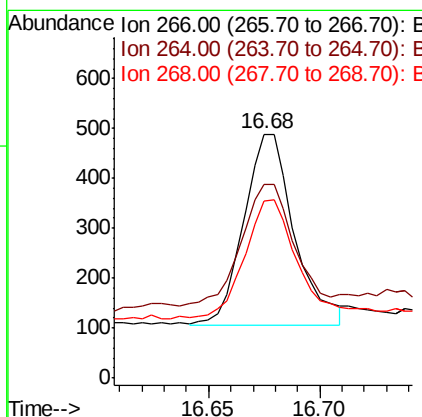
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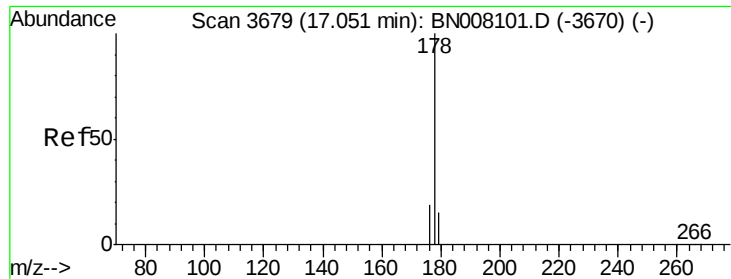
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#11
Pentachlorophenol
 Concen: 0.105 ng/ul m
 RT: 16.68 min Scan# 3590
 Delta R.T. -0.00 min
 Lab File: BN008104.D
 Acq: 12 Oct 2019 09:23

Tgt Ion	Ratio	Lower	Upper
266	100		
264	3.0	50.1	75.1#
268	0.0	51.9	77.9#





#12

Phenanthrene

Concen: 0.362 ng/ul m

RT: 17.06 min Scan# 3680

Delta R.T. 0.00 min

Lab File: BN008104.D

Acq: 12 Oct 2019 09:23

Instrument :

BNA_N

ClientSampleId :

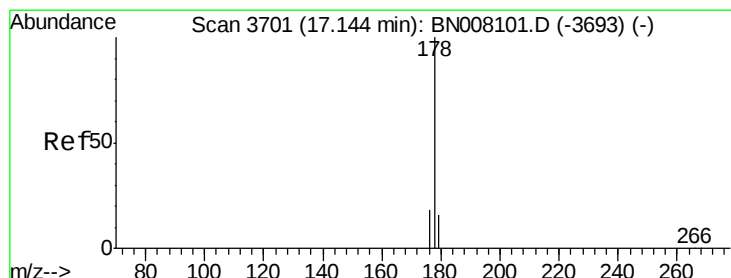
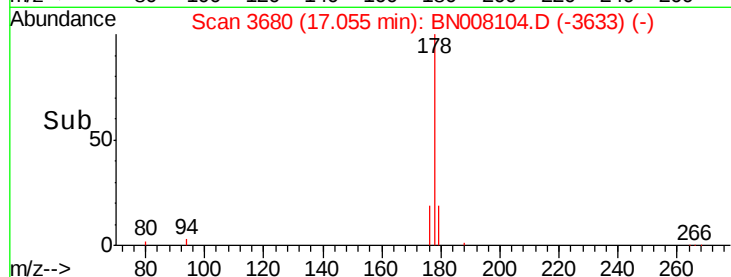
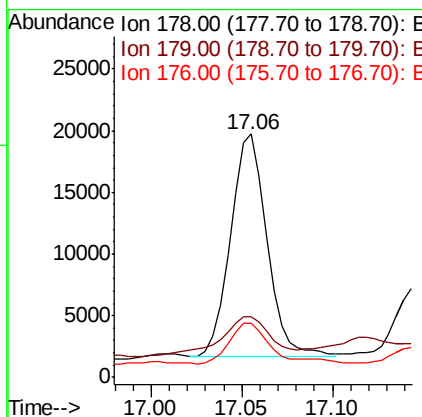
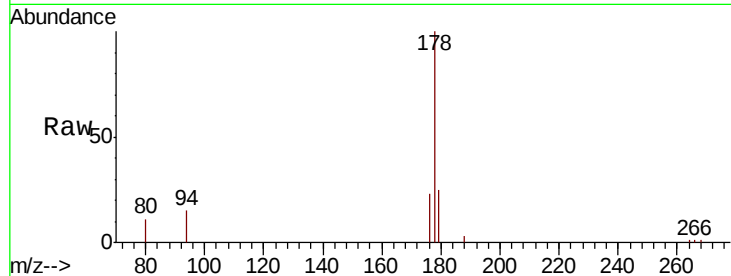
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Tot Ion:178 Resp: 25276

Ion	Ratio	Lower	Upper
178	100		
179	25.1	12.8	19.2#
176	22.5	15.4	23.2

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#13

Anthracene

Concen: 0.121 ng/ul m

RT: 17.14 min Scan# 3701

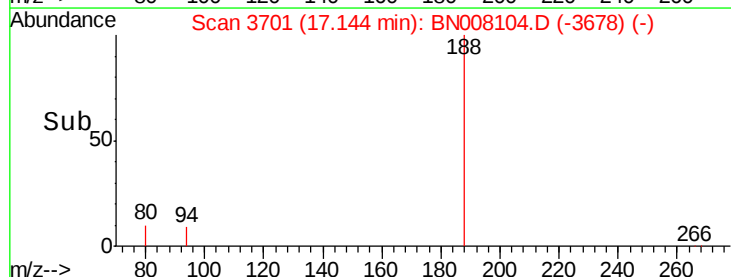
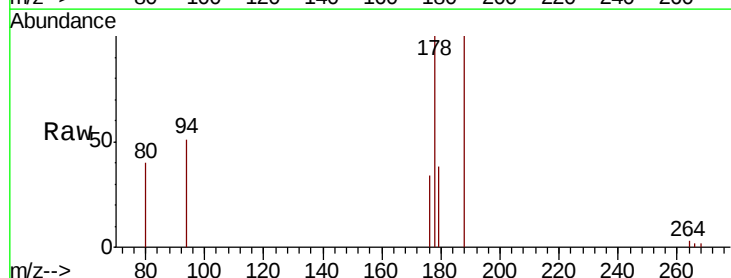
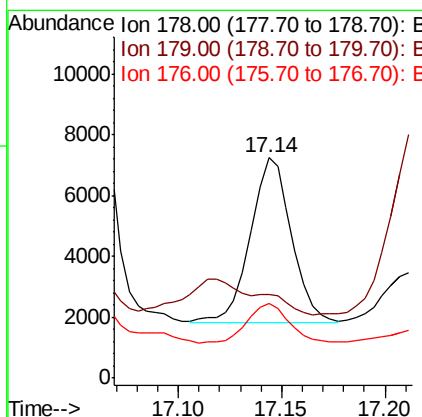
Delta R.T. -0.00 min

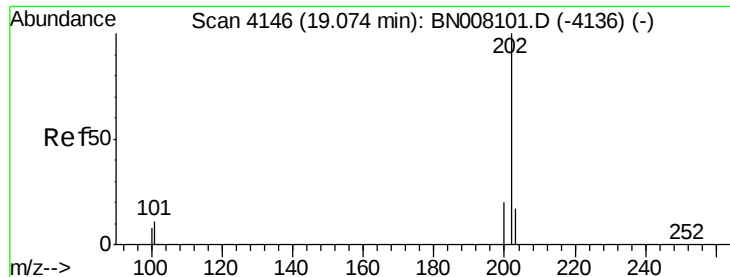
Lab File: BN008104.D

Acq: 12 Oct 2019 09:23

Tgt Ion:178 Resp: 7424

Ion	Ratio	Lower	Upper
178	100		
179	38.1	13.0	19.6#
176	33.6	15.0	22.6#





#15

Fluoranthene

Concen: 0.509 ng/ul m

RT: 19.08 min Scan# 4147

Delta R.T. 0.00 min

Lab File: BN008104.D

Acq: 12 Oct 2019 09:23

Instrument :

BNA_N

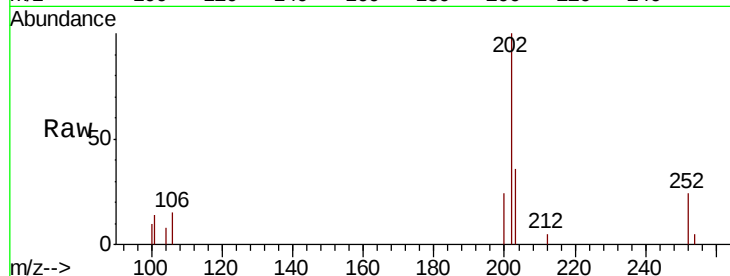
ClientSampled :

JLM80

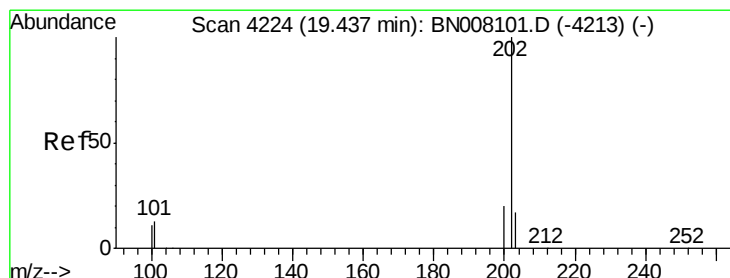
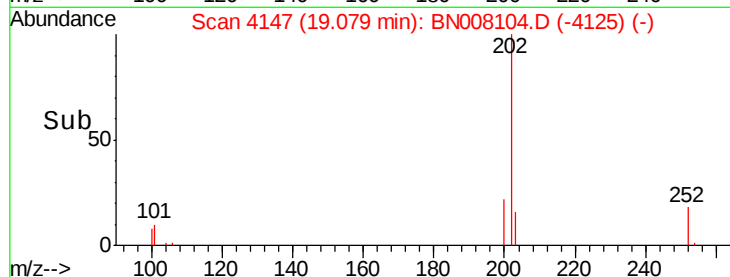
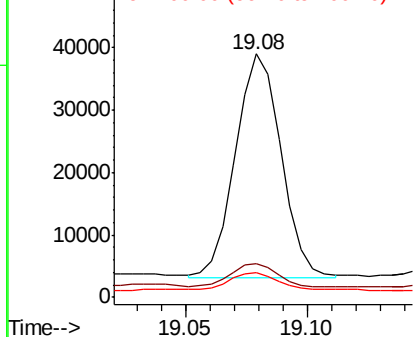
Tot Ion:	202	Resp:	46956
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	31.2
100	10.1	0.0	28.5

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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



#17

Pyrene

Concen: 0.923 ng/ul

RT: 19.45 min Scan# 4226

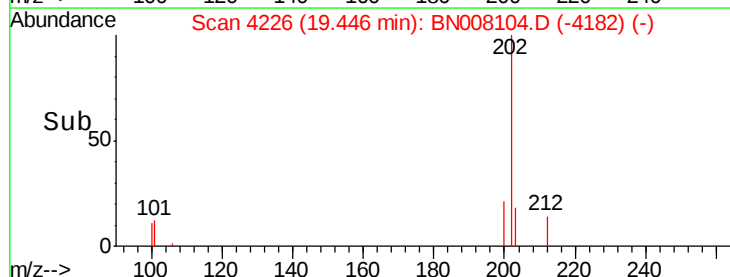
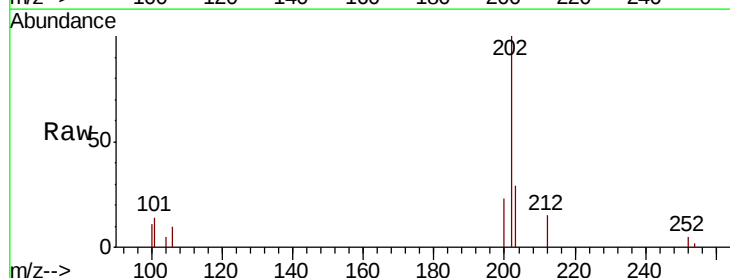
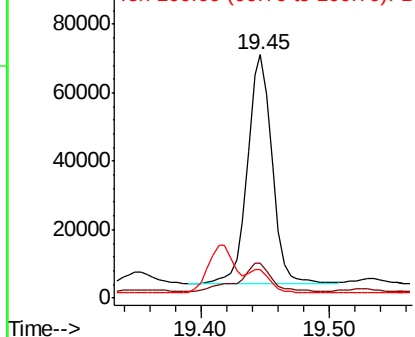
Delta R.T. 0.00 min

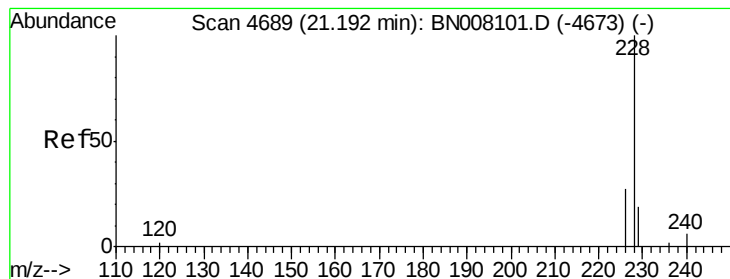
Lab File: BN008104.D

Acq: 12 Oct 2019 09:23

Tgt Ion:	202	Resp:	88913
Ion Ratio	Lower	Upper	
202	100		
101	14.1	10.9	16.3
100	11.5	8.7	13.1

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: 0.299 ng/ul m

RT: 21.20 min Scan# 4693

Delta R.T. 0.00 min

Lab File: BN008104.D

Acq: 12 Oct 2019 09:23

Instrument :

BNA_N

ClientSampleId :

JLM80

Tot Ion:228 Resp: 26323

Ion Ratio Lower Upper

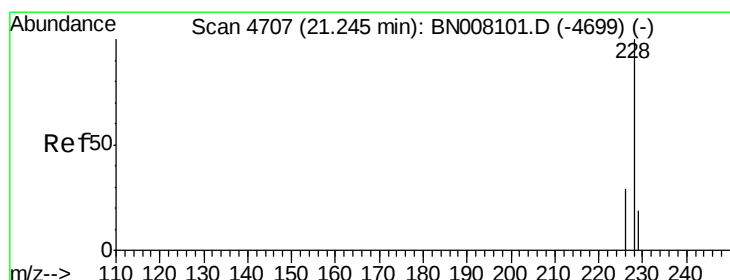
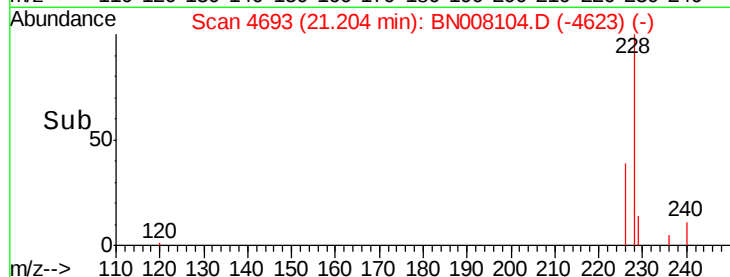
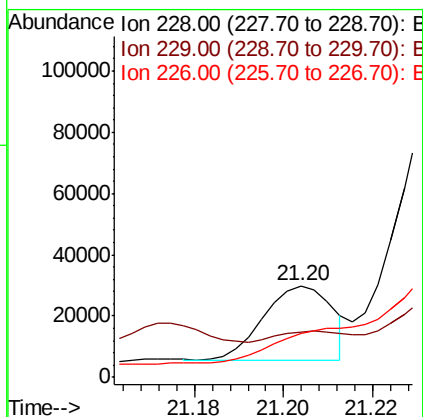
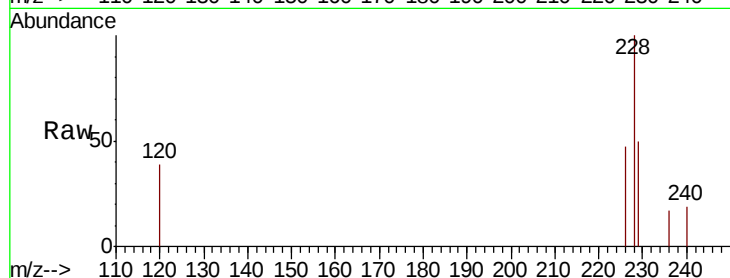
228 100

229 49.8 16.2 24.2#

226 47.3 21.4 32.0#

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#19

Chrysene

Concen: 0.223 ng/ul m

RT: 21.25 min Scan# 4709

Delta R.T. 0.00 min

Lab File: BN008104.D

Acq: 12 Oct 2019 09:23

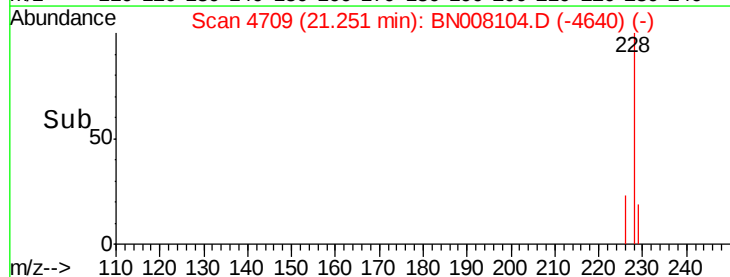
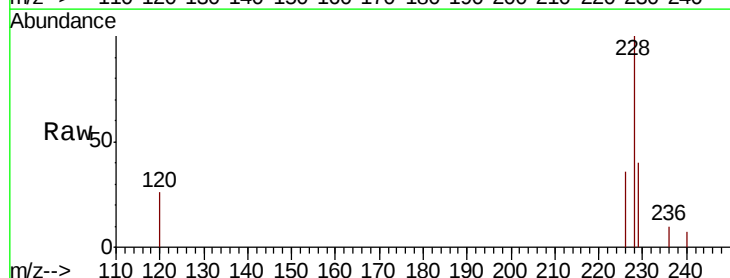
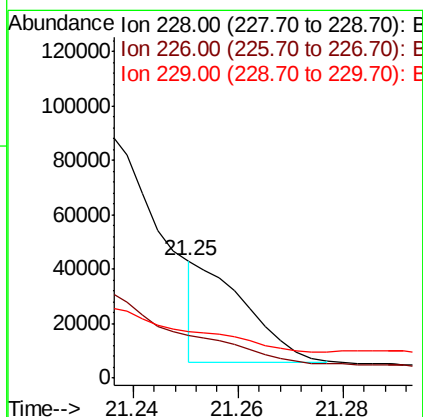
Tgt Ion:228 Resp: 24084

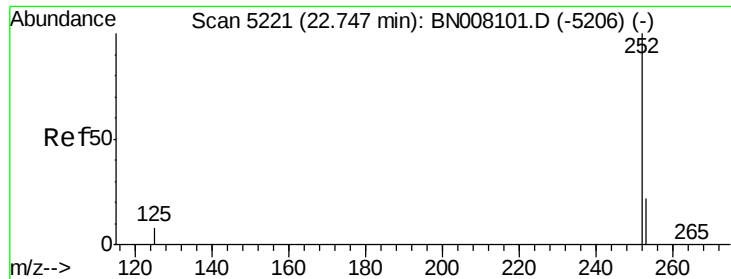
Ion Ratio Lower Upper

228 100

226 36.4 24.1 36.1#

229 39.8 16.2 24.2#





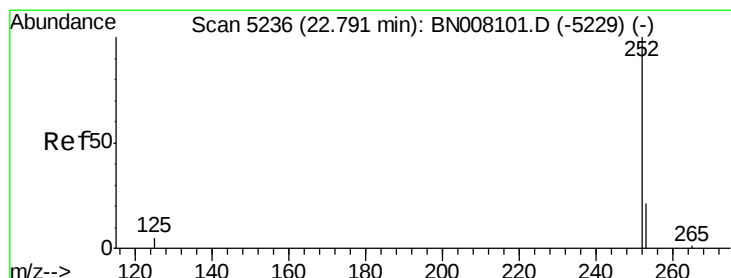
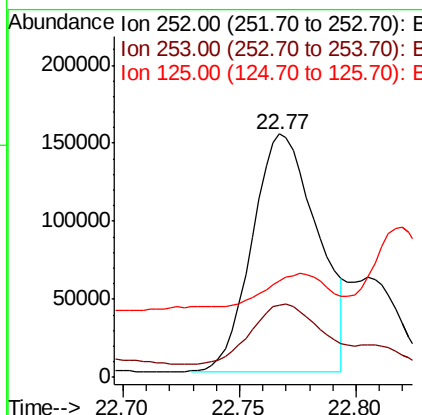
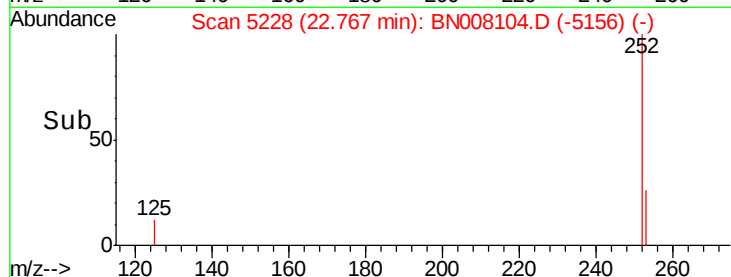
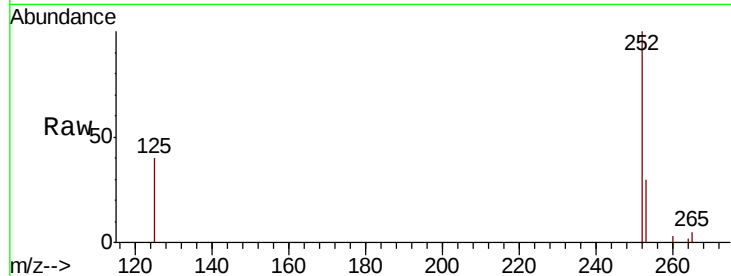
#21
Benzo(b)fluoranthene
Concen: 4.867 ng/ul m
RT: 22.77 min Scan# 5228
Delta R.T. 0.01 min
Lab File: BN008104.D
Acq: 12 Oct 2019 09:23

Instrument :
BNA_N
ClientSampleId :
JLM80

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	29.8	0.0	53.4
125	39.7	0.0	32.4#

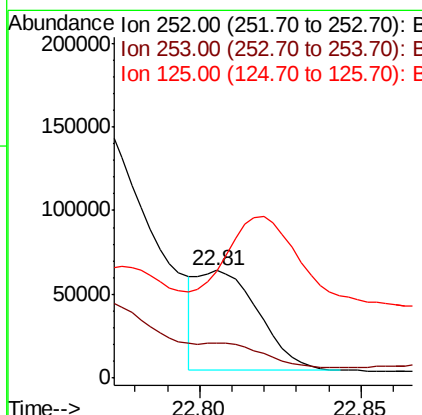
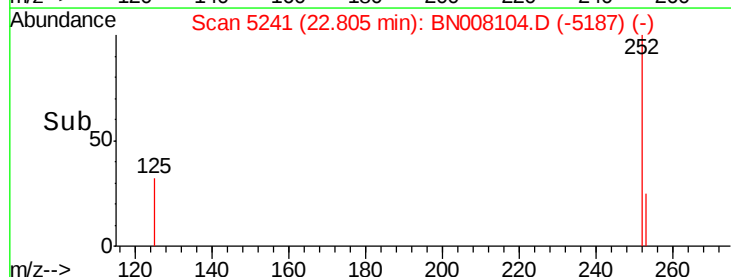
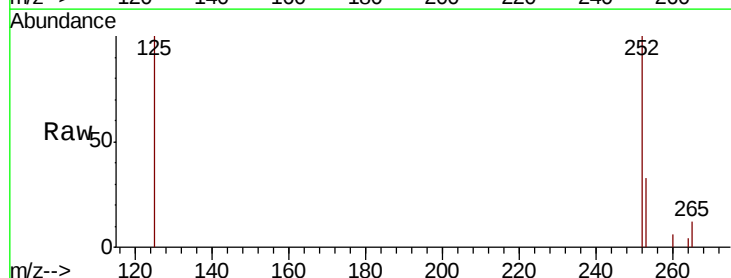
Manual Integrations
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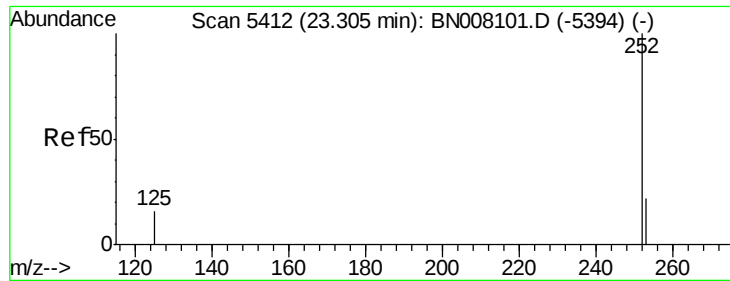
mohammad
10/15/2019 7:58:18 AM



#22
Benzo(k)fluoranthene
Concen: 1.142 ng/ul m
RT: 22.81 min Scan# 5241
Delta R.T. 0.01 min
Lab File: BN008104.D
Acq: 12 Oct 2019 09:23

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	32.8	21.3	31.9#
125	99.7	12.3	18.5#





#23

Benzo(a)pyrene

Concen: 1.829 ng/ul

RT: 23.33 min Scan# 5419

Delta R.T. 0.01 min

Lab File: BN008104.D

Acq: 12 Oct 2019 09:23

Instrument :

BNA_N

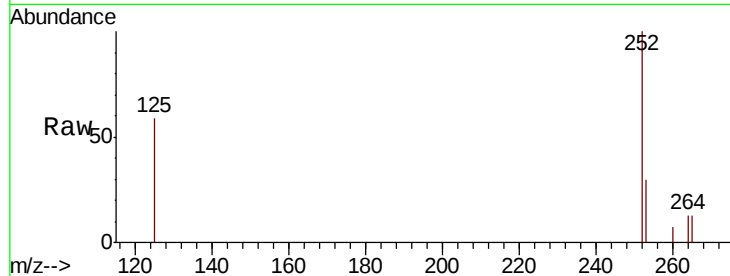
ClientSampleId :

JLM80

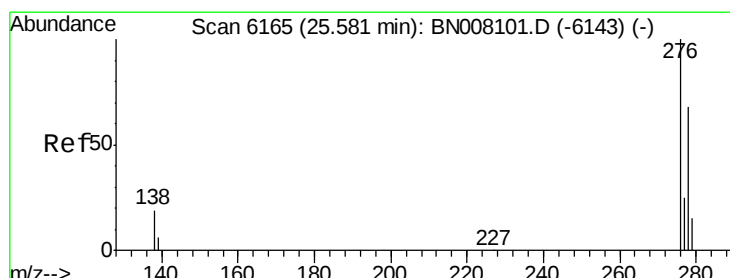
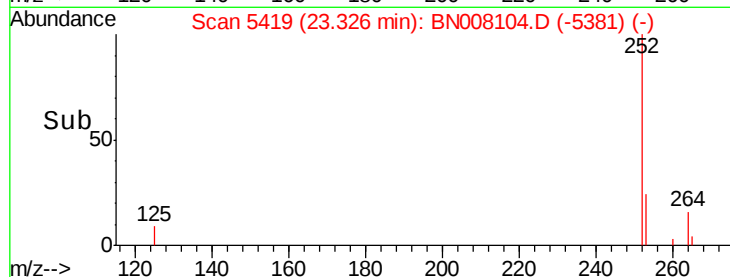
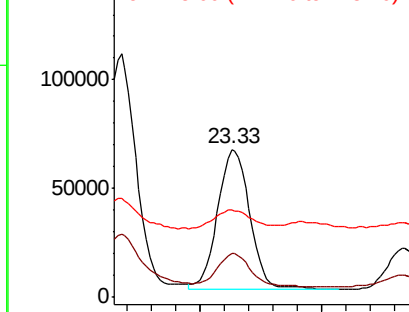
Tot Ion:	252	Resp:	118604
Ion Ratio	Lower	Upper	
252	100		
253	29.6	22.8	34.2
125	59.4	18.4	27.6#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.062 ng/ul

RT: 25.61 min Scan# 6173

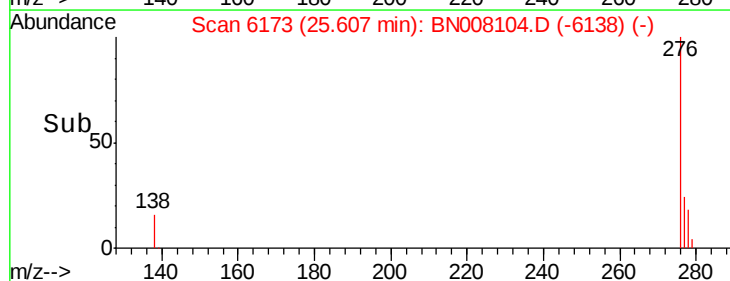
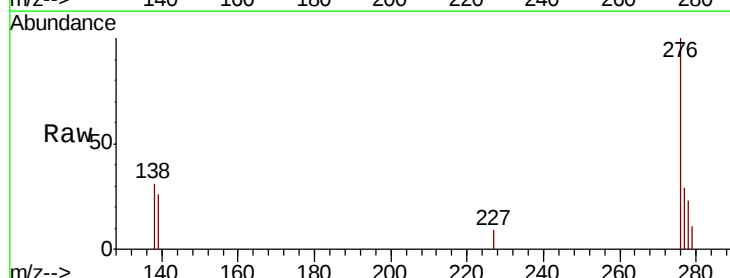
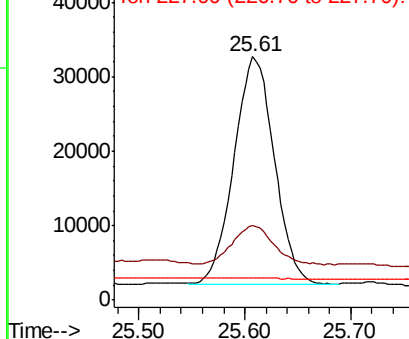
Delta R.T. 0.02 min

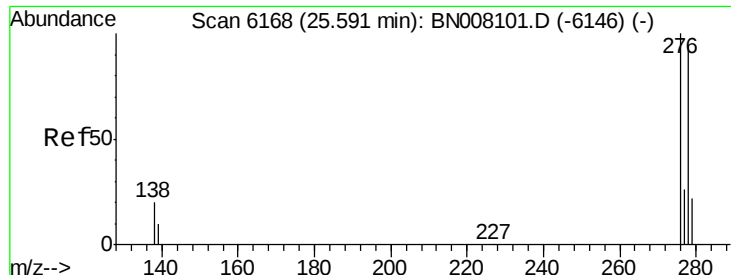
Lab File: BN008104.D

Acq: 12 Oct 2019 09:23

Tgt Ion:	276	Resp:	81109
Ion Ratio	Lower	Upper	
276	100		
138	21.7	16.1	24.1
227	0.4	0.2	0.2#

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





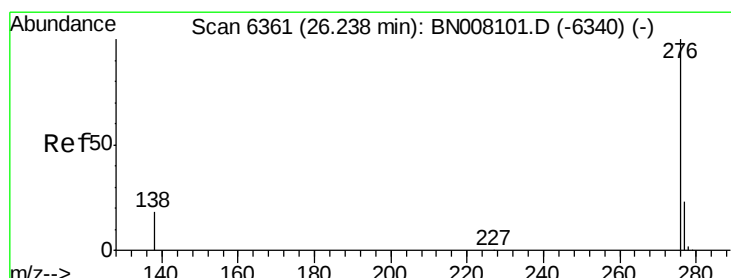
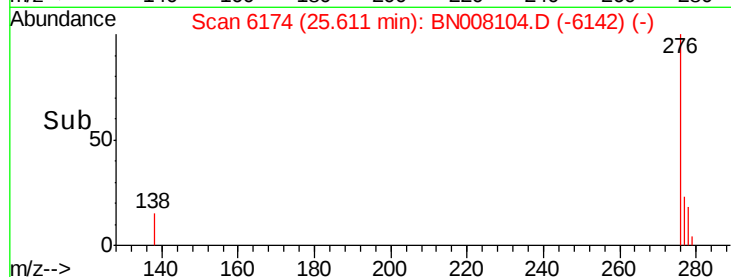
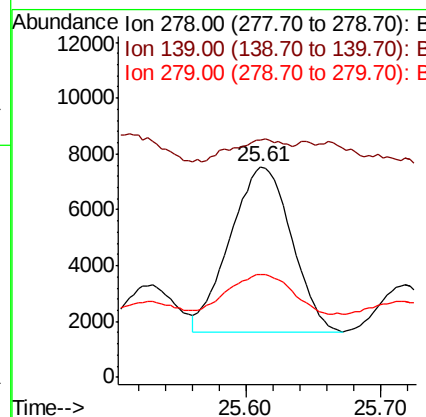
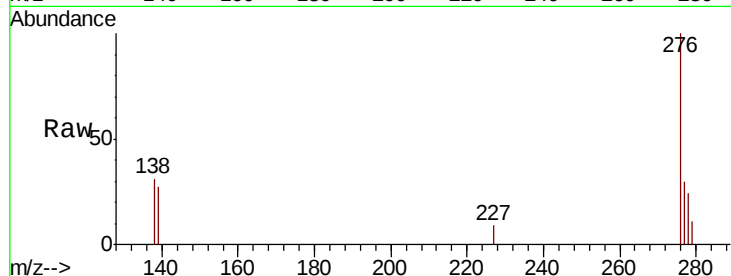
#25
Dibenzo(a,h)anthracene
Concen: 0.311 ng/ul
RT: 25.61 min Scan# 6174
Delta R.T. 0.01 min
Lab File: BN008104.D
Acq: 12 Oct 2019 09:23

Instrument :
BNA_N
ClientSampleId :
JLM80

Tot Ion	Ratio	Lower	Upper
278	100		
139	112.5	15.0	22.6#
279	48.6	22.4	33.6#

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#26
Benzo(g,h,i)perylene
Concen: 1.365 ng/ul
RT: 26.28 min Scan# 6373
Delta R.T. 0.03 min
Lab File: BN008104.D
Acq: 12 Oct 2019 09:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	17.0	25.4#
277	28.7	20.4	30.6

