

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
 Data File : BN008612.D
 Acq On : 18 Nov 2019 20:07
 Operator : JU
 Sample : K5678-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM97

Manual Integrations
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 11/19/2019 2:45:12 PM

Quant Time: Nov 19 02:57:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 01:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2958	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	10708	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6263	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	12435	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	9613	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	10326	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3642	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	7731	0.20	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	10041	0.311	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	9069	0.402	ng/ul	99
7) Acenaphthylene	13.97	152	3336	0.096	ng/ul#	82
8) Acenaphthene	14.32	153	1228	0.048	ng/ul	95
9) Fluorene	15.31	166	1750	0.058	ng/ul#	54
11) Pentachlorophenol	16.66	266	189	0.040	ng/ul	93
12) Phenanthrene	17.04	178	20125	0.480	ng/ul#	91
13) Anthracene	17.13	178	4812	0.121	ng/ul#	64
15) Fluoranthene	19.06	202	27379	0.531	ng/ul	96
17) Pyrene	19.42	202	29508	0.765	ng/ul	99
18) Benzo(a)anthracene	21.18	228	10572	0.273	ng/ul#	55
19) Chrysene	21.23	228	21904	0.577	ng/ul#	72
21) Benzo(b)fluoranthene	22.73	252	22372m	0.525	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	6735m	0.159	ng/ul	
23) Benzo(a)pyrene	23.28	252	13823	0.346	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.53	276	11949	0.256	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.54	278	3874	0.103	ng/ul#	1
26) Benzo(g,h,i)perylene	26.18	276	16288	0.417	ng/ul#	49

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

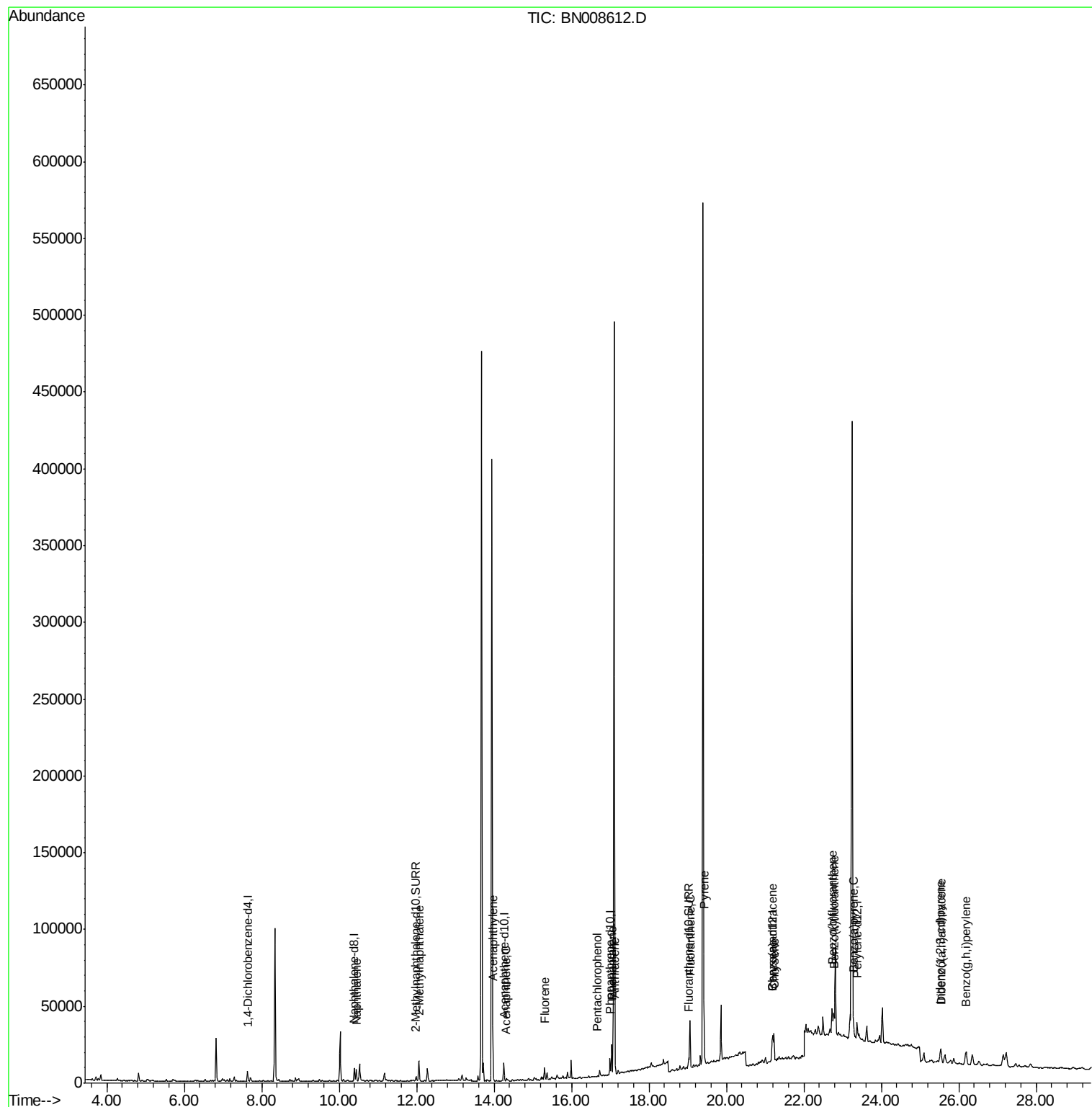
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
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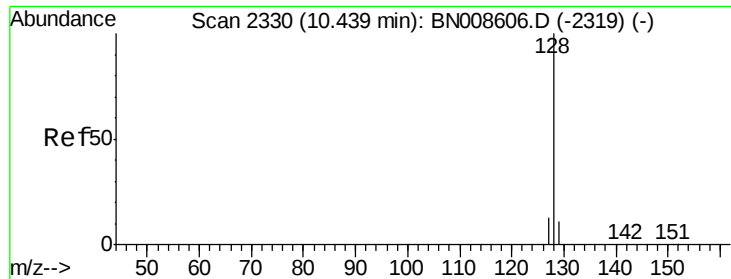
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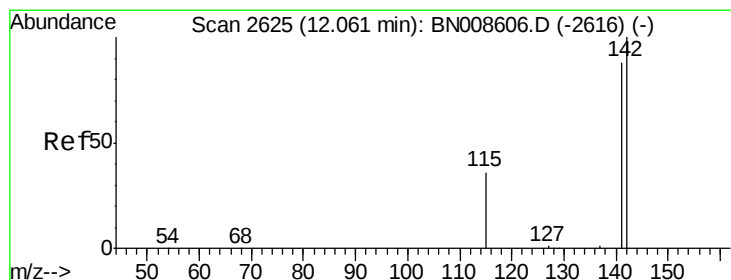
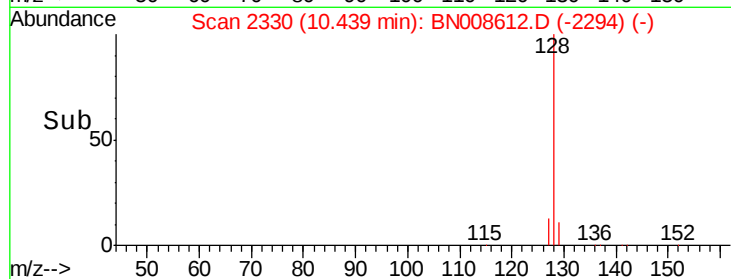
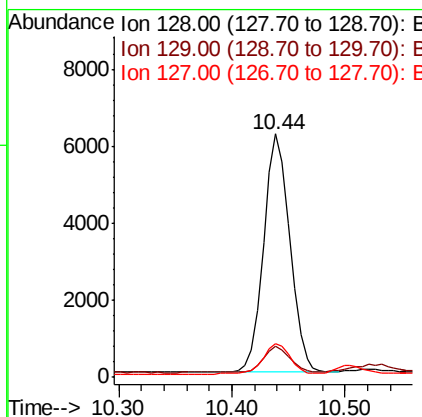
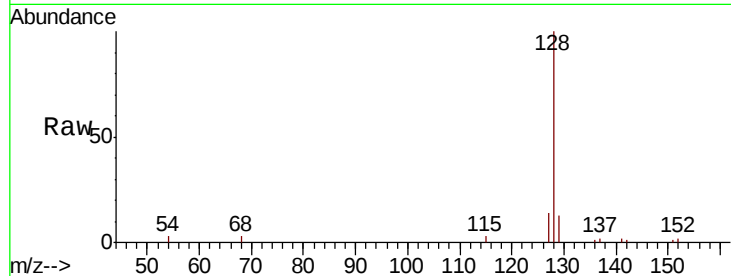
#3
Naphthalene
Concen: 0.311 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BN008612.D
Acq: 18 Nov 2019 20:07

Instrument :
BNA_N
ClientSampleId :
JLM97

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.7	14.5
127	14.0	10.8	16.2

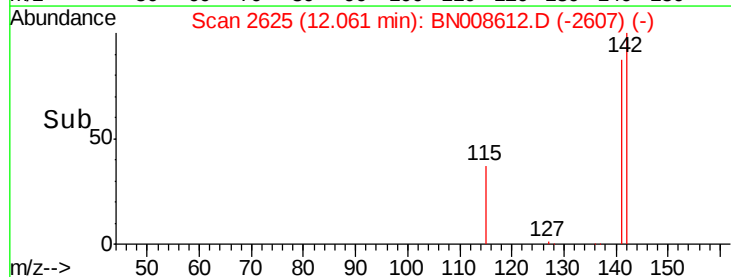
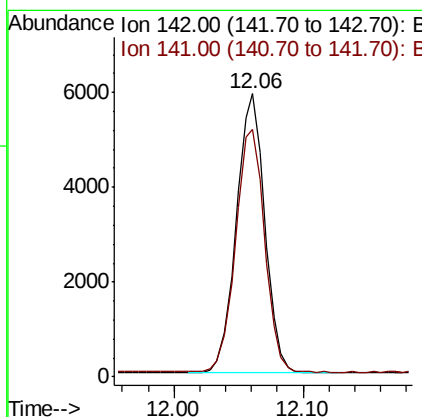
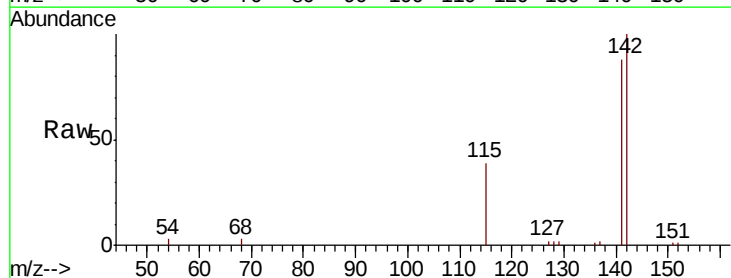
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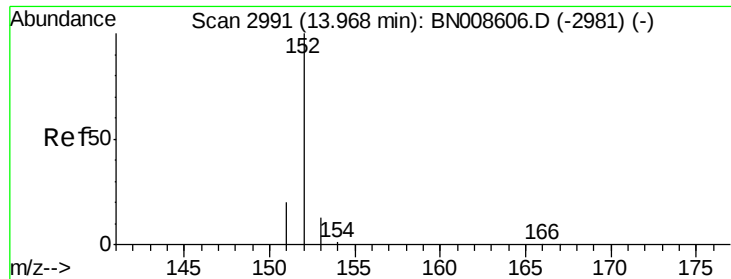
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#5
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.06 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BN008612.D
Acq: 18 Nov 2019 20:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.5	105.7





#7

Acenaphthylene

Concen: 0.096 ng/ul

RT: 13.97 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

Instrument :

BNA_N

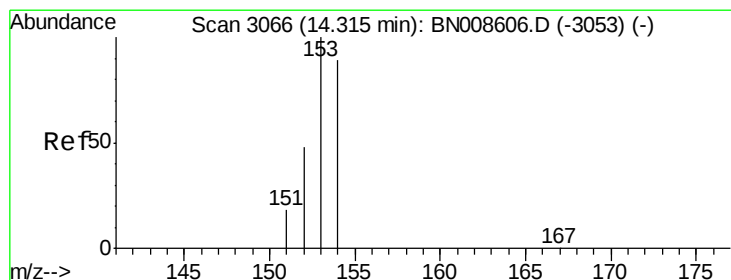
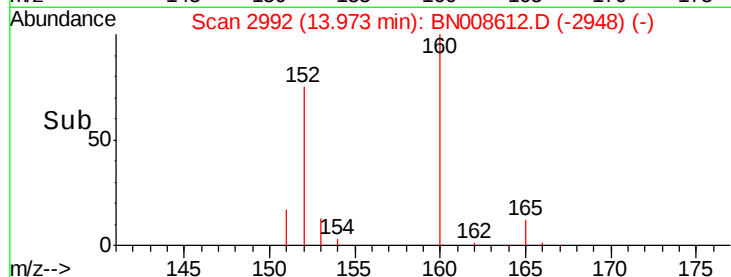
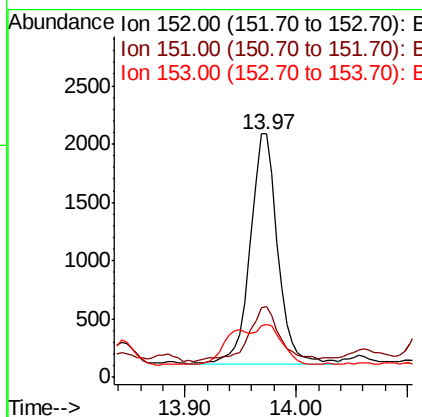
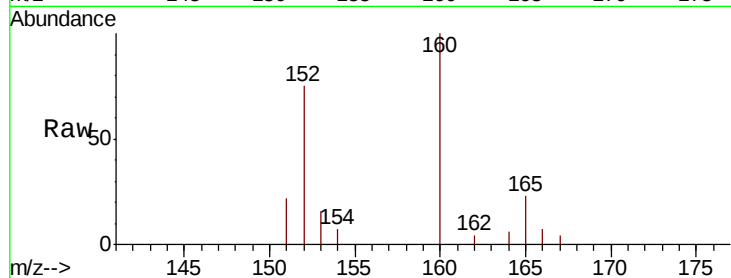
ClientSampleId :

JLM97

Tot Ion:	152	Resp:	3336
Ion Ratio	Lower	Upper	
152	100		
151	28.8	16.6	24.8#
153	21.7	11.1	16.7#

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#8

Acenaphthene

Concen: 0.048 ng/ul

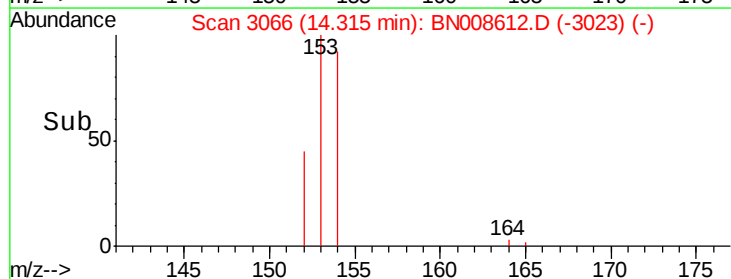
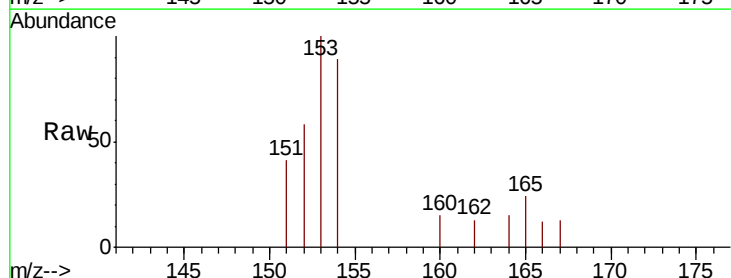
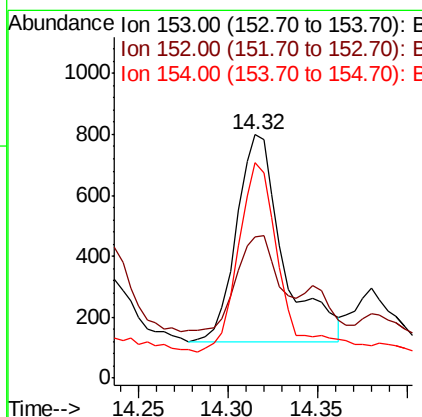
RT: 14.32 min Scan# 3066

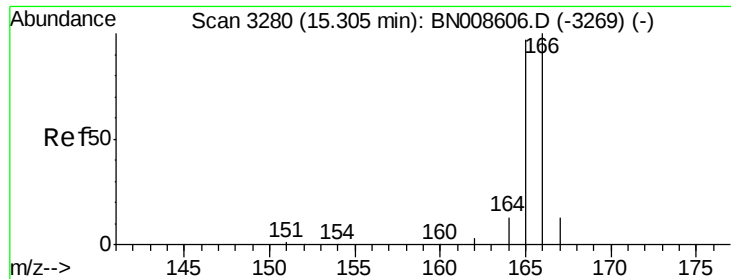
Delta R.T. -0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

Tgt Ion:	153	Resp:	1228
Ion Ratio	Lower	Upper	
153	100		
152	58.2	39.6	59.4
154	88.7	70.6	106.0





#9

Fluorene

Concen: 0.058 ng/ul

RT: 15.31 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

Instrument :

BNA_N

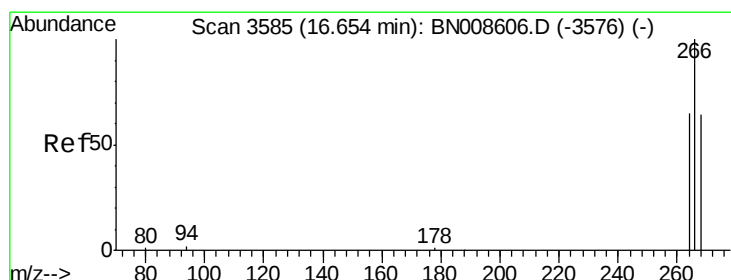
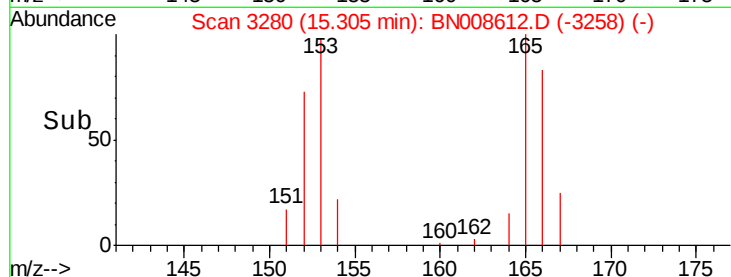
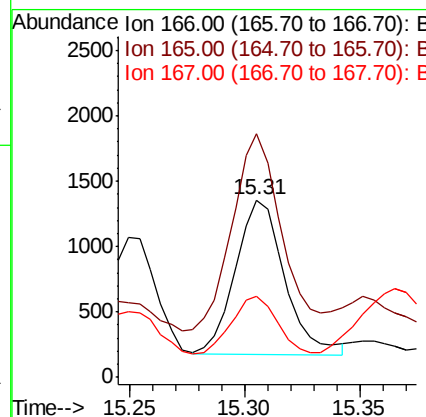
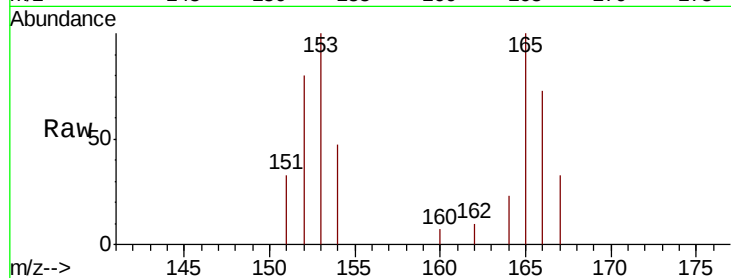
ClientSampleId :

JLM97

Tot Ion:	166	Resp:	1750
Ion Ratio	Lower	Upper	
166	100		
165	137.3	77.4	116.0#
167	45.6	11.4	17.0#

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#11

Pentachlorophenol

Concen: 0.040 ng/ul

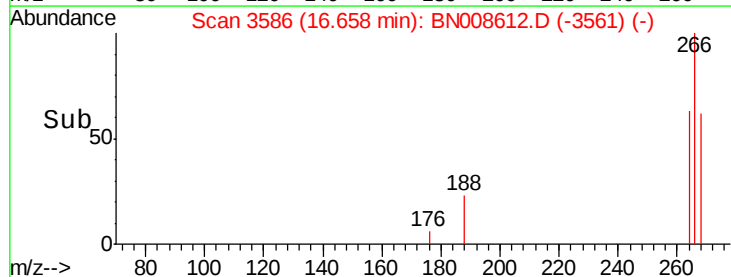
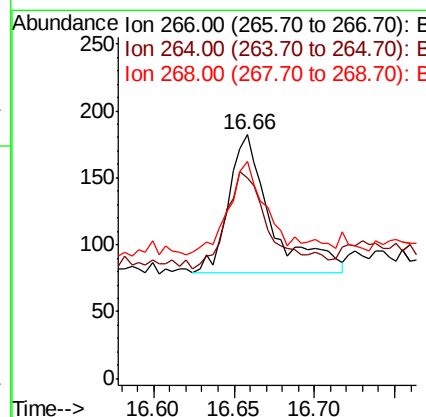
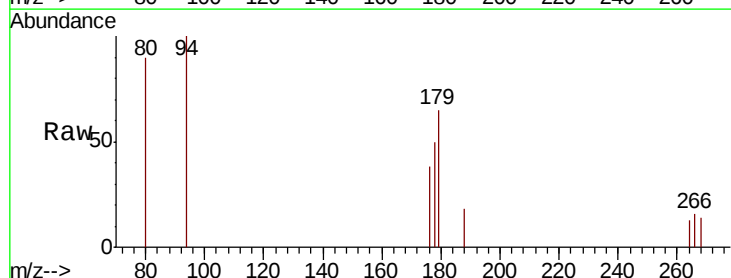
RT: 16.66 min Scan# 3586

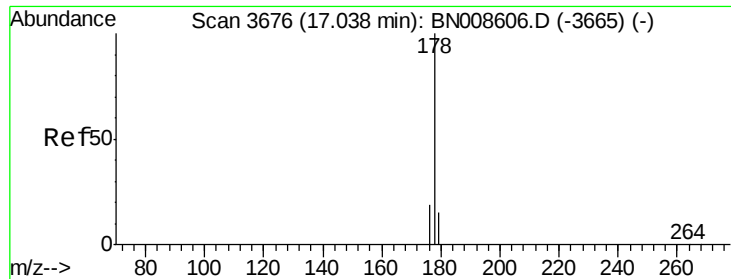
Delta R.T. 0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

Tgt Ion:	266	Resp:	189
Ion Ratio	Lower	Upper	
266	100		
264	72.5	49.2	73.8
268	64.0	50.9	76.3





#12

Phenanthrene

Concen: 0.480 ng/ul

RT: 17.04 min Scan# 3676

Delta R.T. -0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

Instrument :

BNA_N

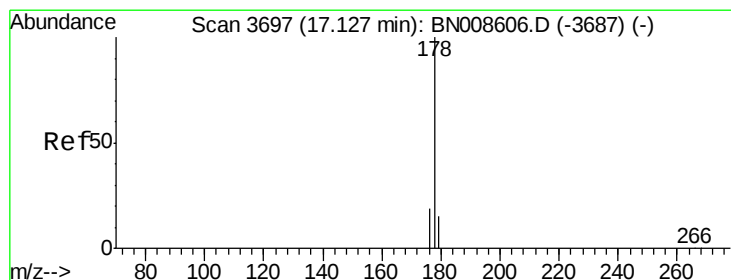
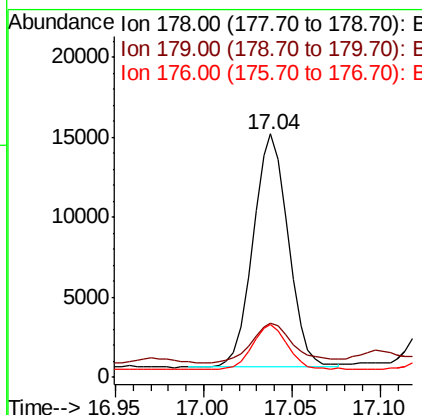
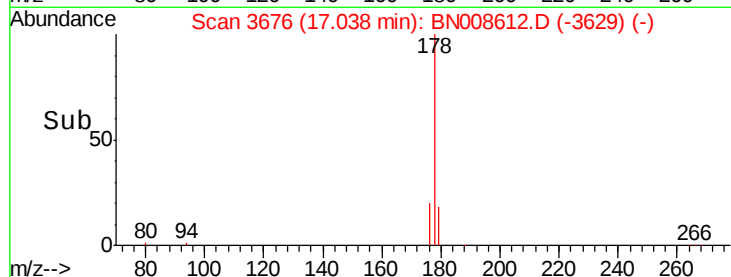
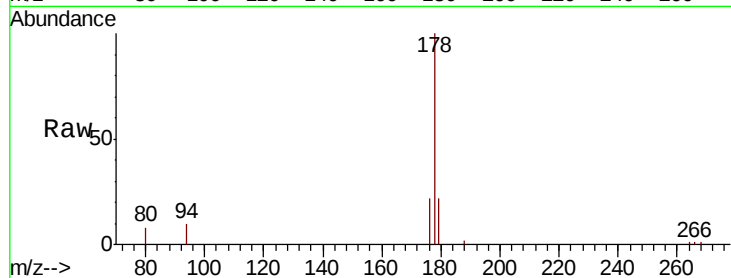
ClientSampleId :

JLM97

Tot Ion:178	Resp:	20125
Ion Ratio	Lower	Upper
178	100	
179	22.3	12.8 19.2#
176	21.6	16.0 24.0

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#13

Anthracene

Concen: 0.121 ng/ul

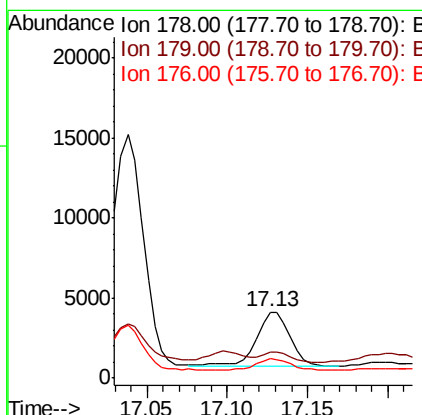
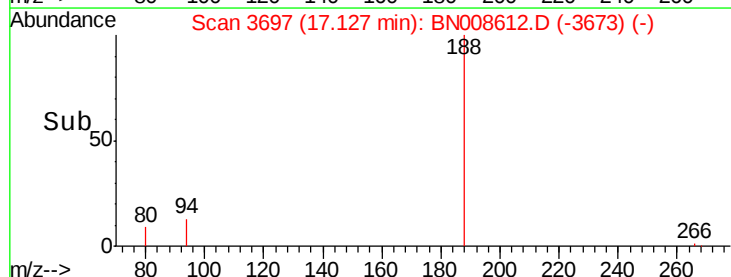
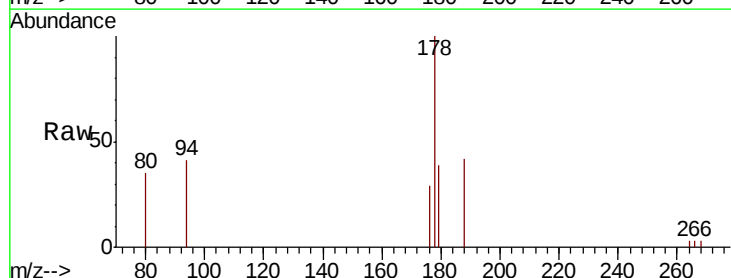
RT: 17.13 min Scan# 3697

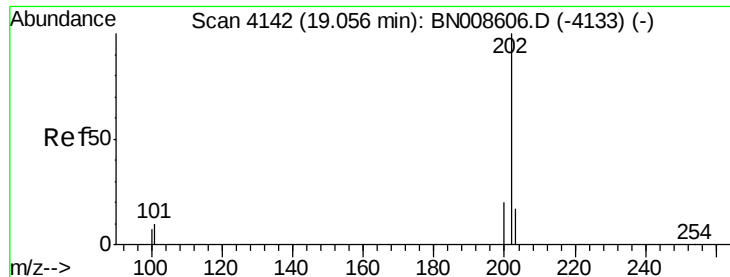
Delta R.T. -0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

Tgt Ion:178	Resp:	4812
Ion Ratio	Lower	Upper
178	100	
179	38.5	13.0 19.4#
176	28.7	15.3 22.9#





#15

Fluoranthene

Concen: 0.531 ng/ul

RT: 19.06 min Scan# 4143

Delta R.T. 0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

Instrument :

BNA_N

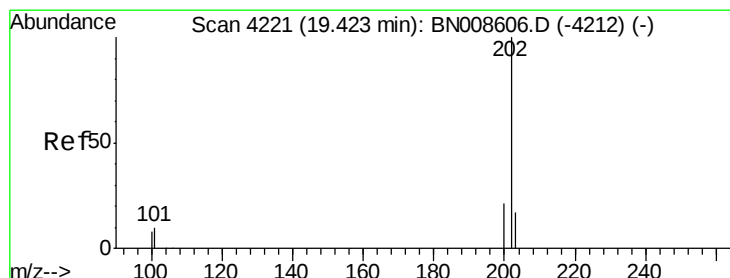
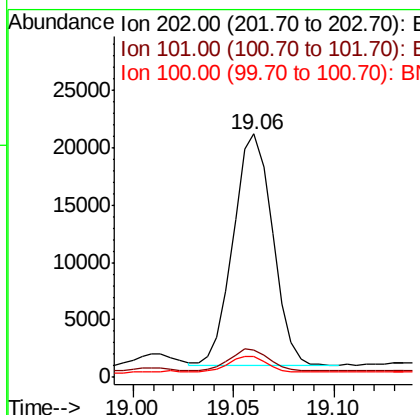
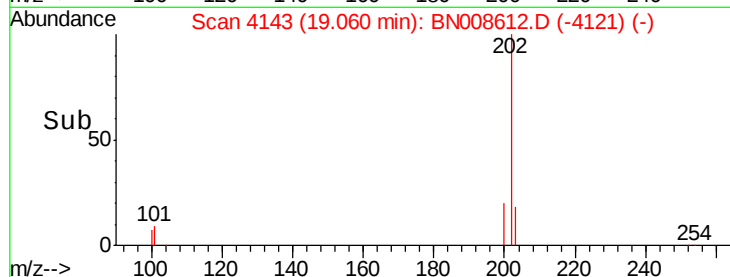
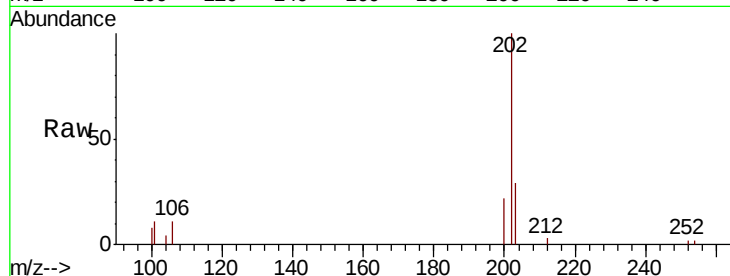
ClientSampleId :

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Tot Ion:	202	Resp:	27379
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	29.6
100	8.5	0.0	27.0

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#17

Pyrene

Concen: 0.765 ng/ul

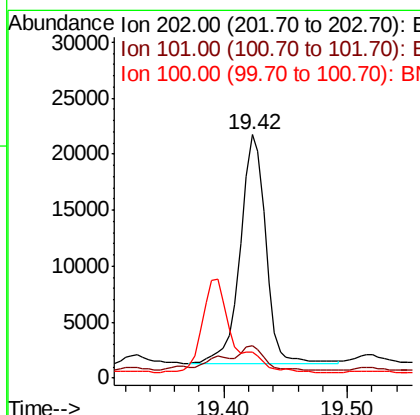
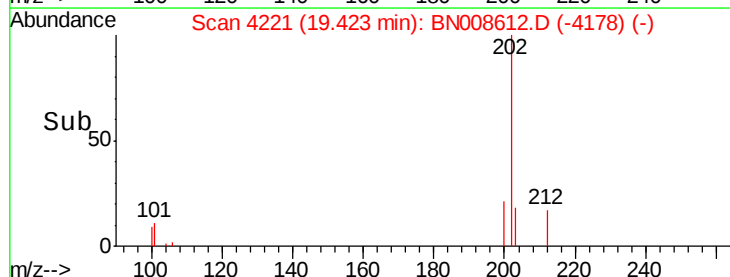
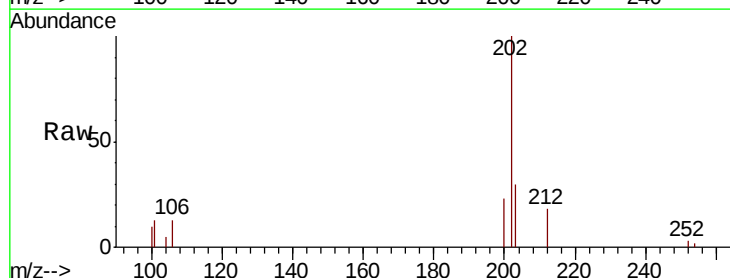
RT: 19.42 min Scan# 4221

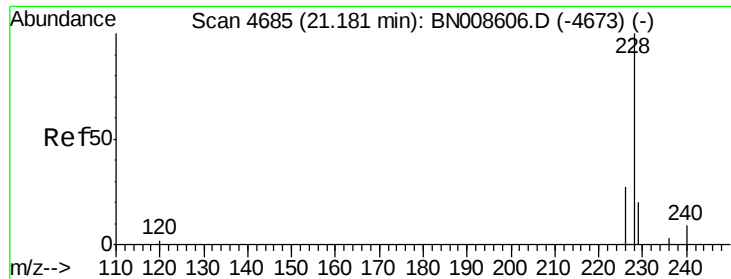
Delta R.T. -0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

Tgt Ion:	202	Resp:	29508
Ion Ratio	Lower	Upper	
202	100		
101	13.1	10.2	15.2
100	10.5	8.2	12.2





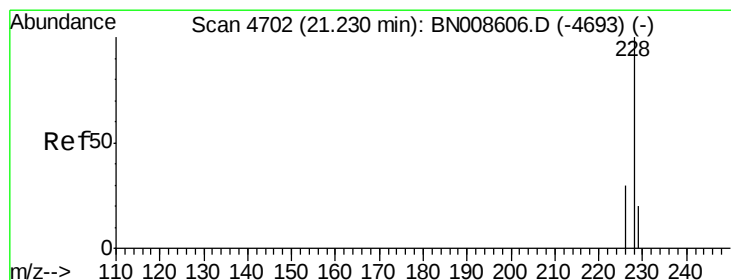
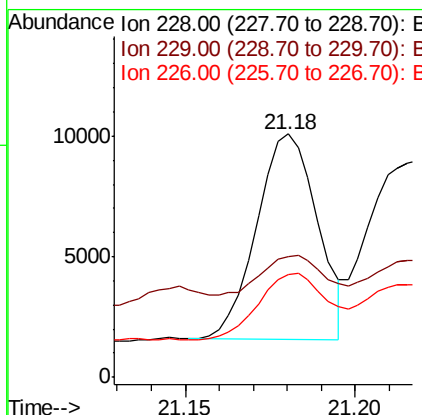
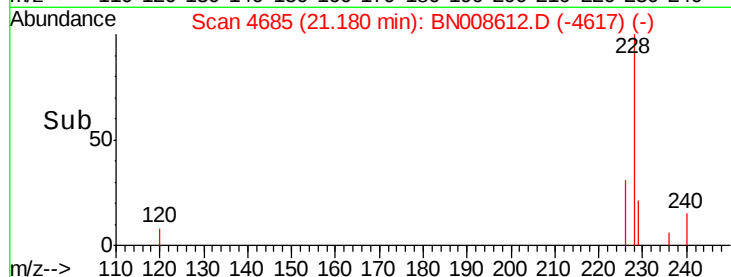
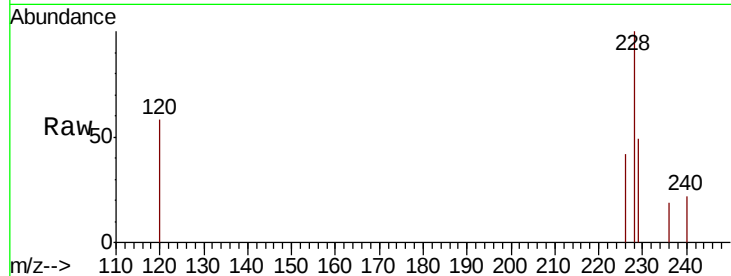
#18
Benzo(a)anthracene
Concen: 0.273 ng/ul
RT: 21.18 min Scan# 4685
Delta R.T. -0.00 min
Lab File: BN008612.D
Acq: 18 Nov 2019 20:07

Instrument :
BNA_N
ClientSampleId :
JLM97

Tot Ion	Ratio	Lower	Upper
228	100		
229	49.4	15.8	23.6#
226	42.4	21.6	32.4#

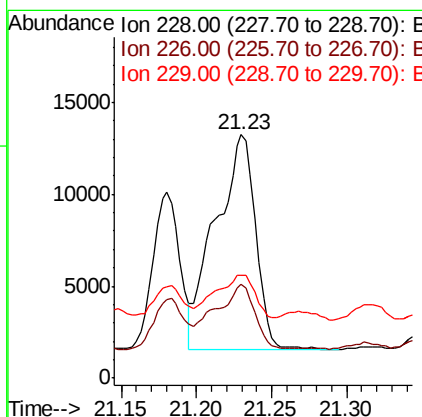
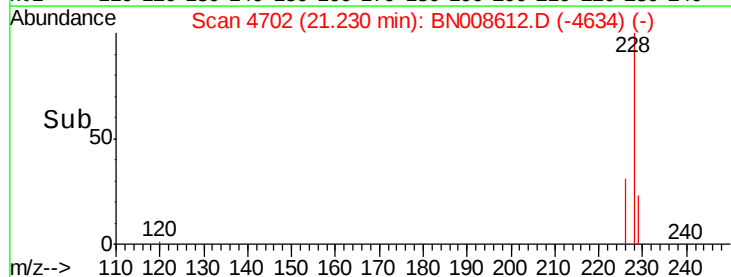
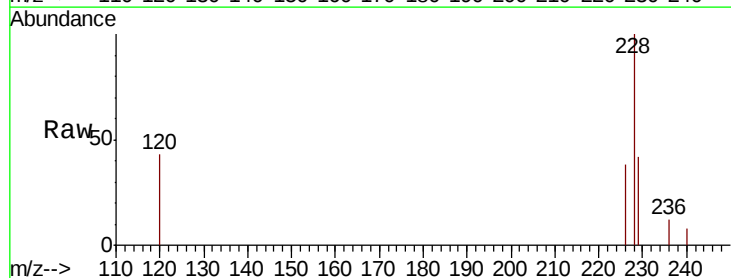
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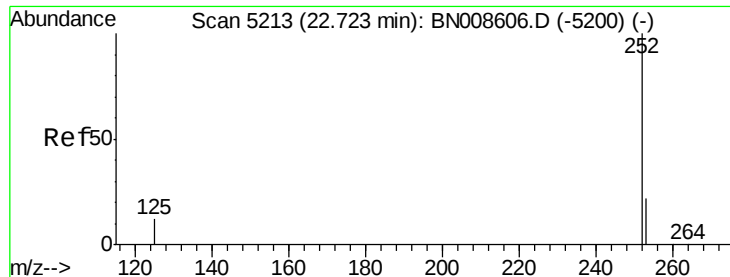
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#19
Chrysene
Concen: 0.577 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. -0.00 min
Lab File: BN008612.D
Acq: 18 Nov 2019 20:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.4	24.5	36.7#
229	42.3	15.5	23.3#





#21

Benzo(b)fluoranthene

Concen: 0.525 ng/ul m

RT: 22.73 min Scan# 5215

Delta R.T. 0.01 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

Instrument :

BNA_N

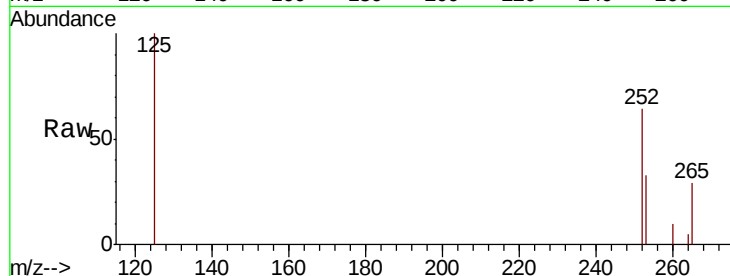
ClientSampleId :

JLM97

Tot Ion	Ratio	Lower	Upper
252	100		
253	51.1	0.0	50.2#
125	156.3	0.0	30.0#

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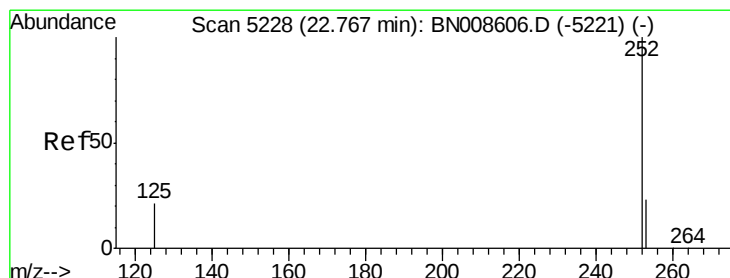
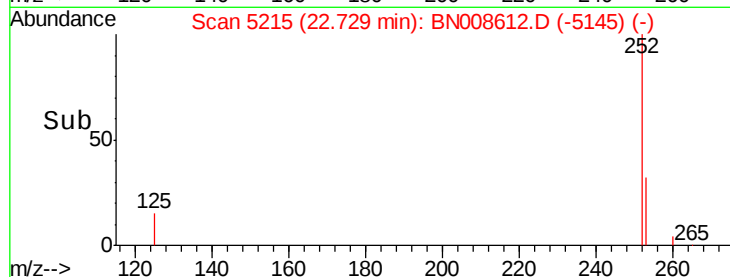
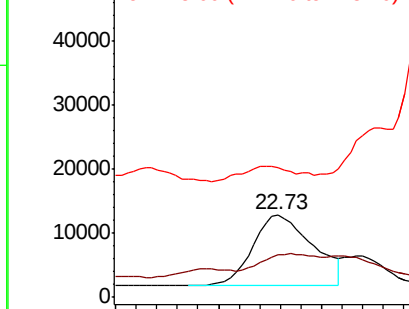


Abundance

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



#22

Benzo(k)fluoranthene

Concen: 0.159 ng/ul m

RT: 22.77 min Scan# 5229

Delta R.T. 0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

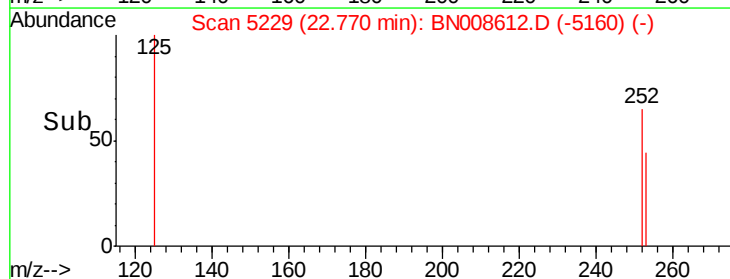
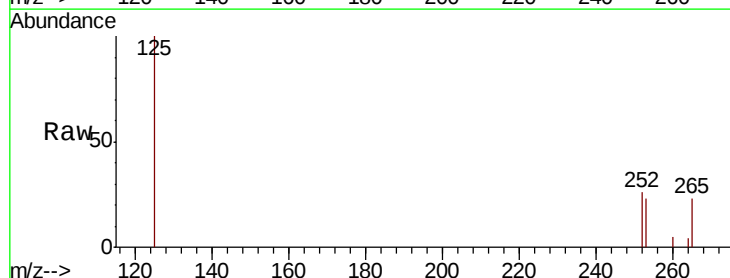
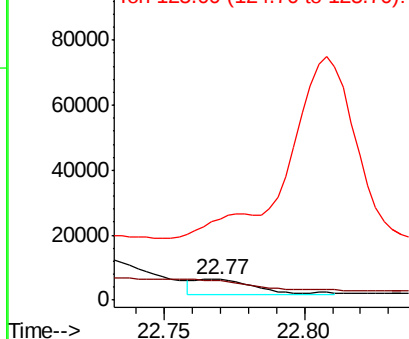
Tgt Ion	Ratio	Lower	Upper
252	100		
253	91.6	20.5	30.7#
125	391.9	15.0	22.4#

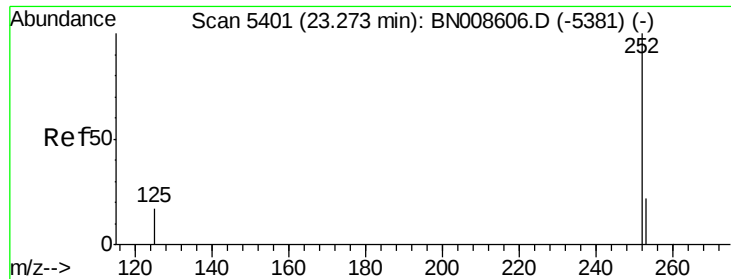
Abundance

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





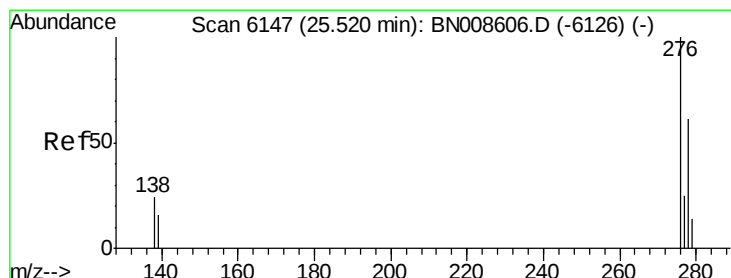
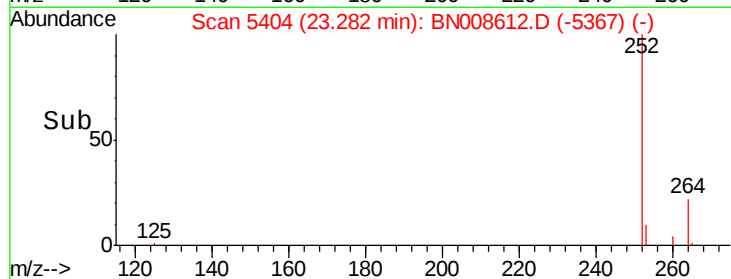
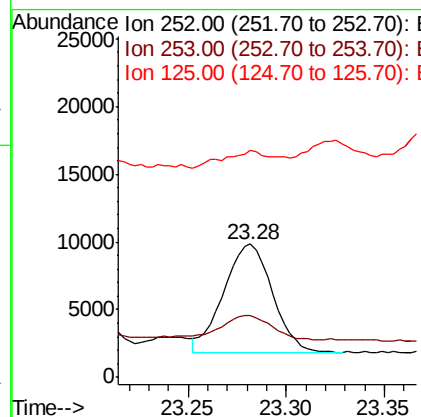
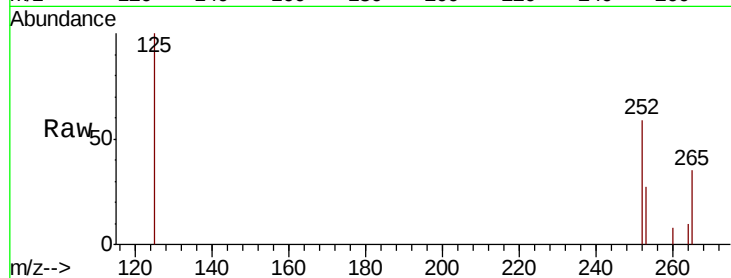
#23
Benzo(a)pyrene
Concen: 0.346 ng/ul
RT: 23.28 min Scan# 5404
Delta R.T. 0.01 min
Lab File: BN008612.D
Acq: 18 Nov 2019 20:07

Instrument :
BNA_N
ClientSampleId :
JLM97

Tot Ion	Ratio	Lower	Upper
252	100		
253	46.7	21.4	32.2#
125	170.3	13.8	20.8#

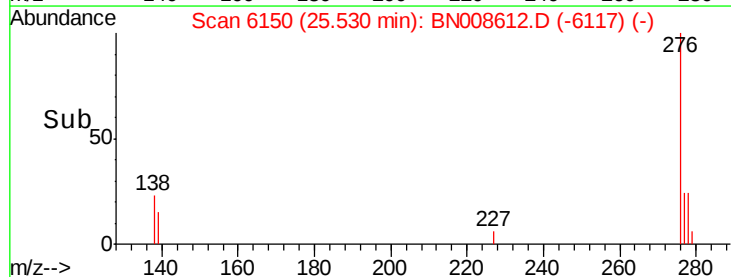
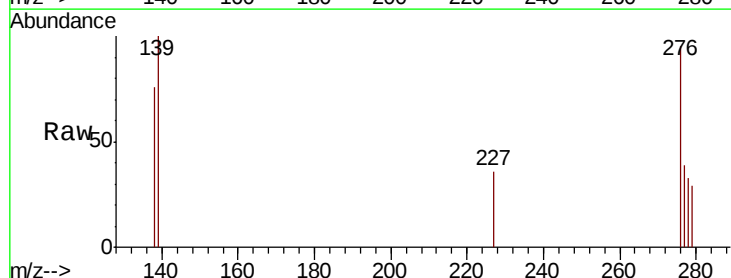
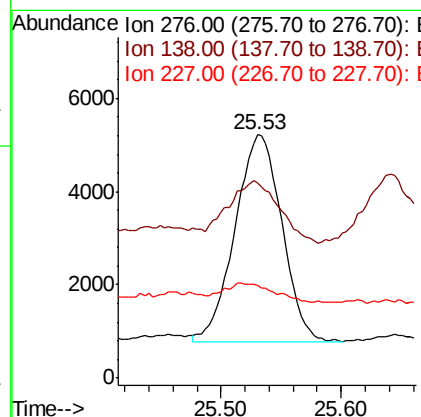
Manual Integrations
APPROVED

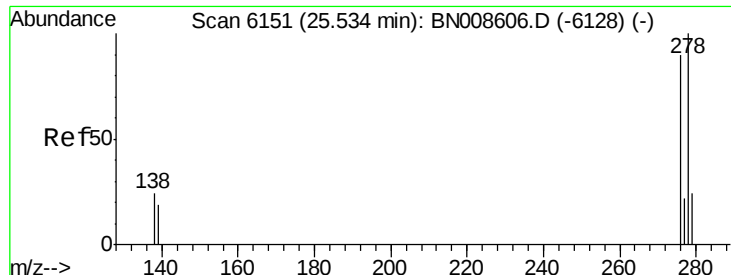
mohammad
11/19/2019 2:45:12 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.256 ng/ul
RT: 25.53 min Scan# 6150
Delta R.T. 0.01 min
Lab File: BN008612.D
Acq: 18 Nov 2019 20:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.5	21.7	32.5#
227	10.0	0.2	0.2#





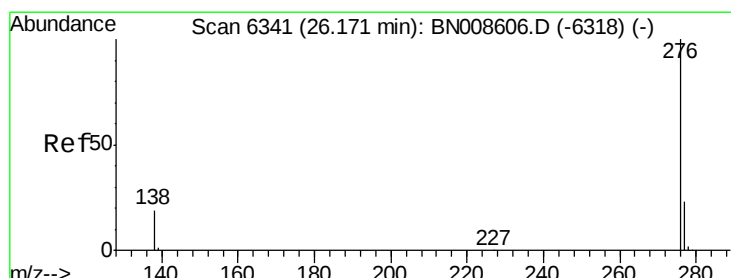
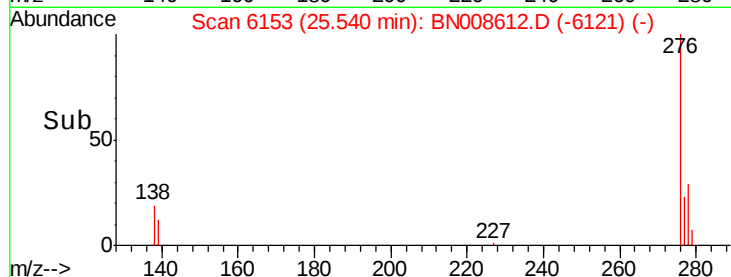
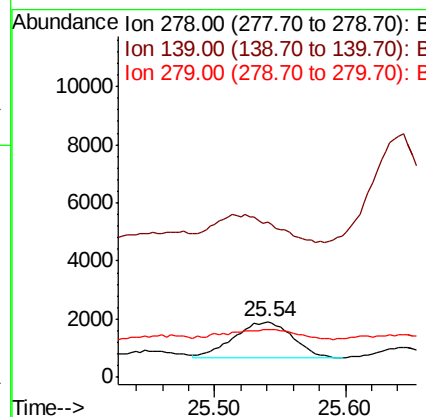
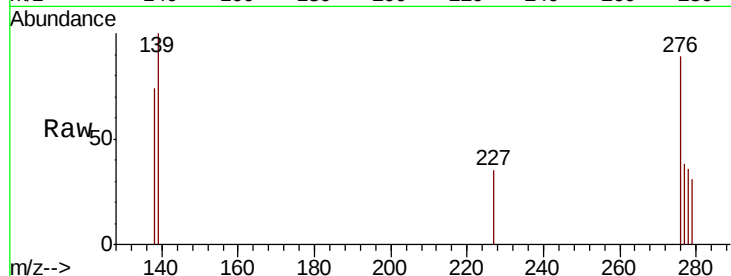
#25
Dibenzo(a,h)anthracene
Concen: 0.103 ng/u1
RT: 25.54 min Scan# 6153
Delta R.T. 0.01 min
Lab File: BN008612.D
Acq: 18 Nov 2019 20:07

Instrument :
BNA_N
ClientSampleId :
JLM97

Tot Ion	Ratio	Lower	Upper
278	100		
139	280.3	18.7	28.1#
279	86.1	20.8	31.2#

Manual Integrations
APPROVED

mohammad
11/19/2019 2:45:12 PM



#26
Benzo(g,h,i)perylene
Concen: 0.417 ng/u1
RT: 26.18 min Scan# 6345
Delta R.T. 0.01 min
Lab File: BN008612.D
Acq: 18 Nov 2019 20:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	65.1	20.0	30.0#
277	35.8	20.0	30.0#

