

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
 Data File : BN008607.D
 Acq On : 18 Nov 2019 17:07
 Operator : JU
 Sample : K5678-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM73

Manual Integrations
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Quant Time: Nov 19 01:57:20 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	3063	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	10917	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6308	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	12967	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	10484	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11067	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	2998	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	6793	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	4738	0.144	ng/ul	95
5) 2-Methylnaphthalene	12.06	142	2063	0.090	ng/ul	99
11) Pentachlorophenol	16.65	266	134	0.027	ng/ul	97
12) Phenanthrene	17.03	178	3838	0.088	ng/ul#	88
15) Fluoranthene	19.06	202	3659	0.068	ng/ul	81
17) Pyrene	19.42	202	4137	0.098	ng/ul#	84
18) Benzo(a)anthracene	21.18	228	2190	0.052	ng/ul#	57
19) Chrysene	21.23	228	4198	0.101	ng/ul#	68
21) Benzo(b)fluoranthene	22.73	252	7930	0.174	ng/ul#	1
22) Benzo(k)fluoranthene	22.77	252	2762m	0.061	ng/ul	
23) Benzo(a)pyrene	23.28	252	3974	0.093	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.52	276	4070	0.081	ng/ul#	49
25) Dibenzo(a,h)anthracene	25.53	278	1203	0.030	ng/ul#	1
26) Benzo(g,h,i)perylene	26.18	276	3963	0.095	ng/ul#	1

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

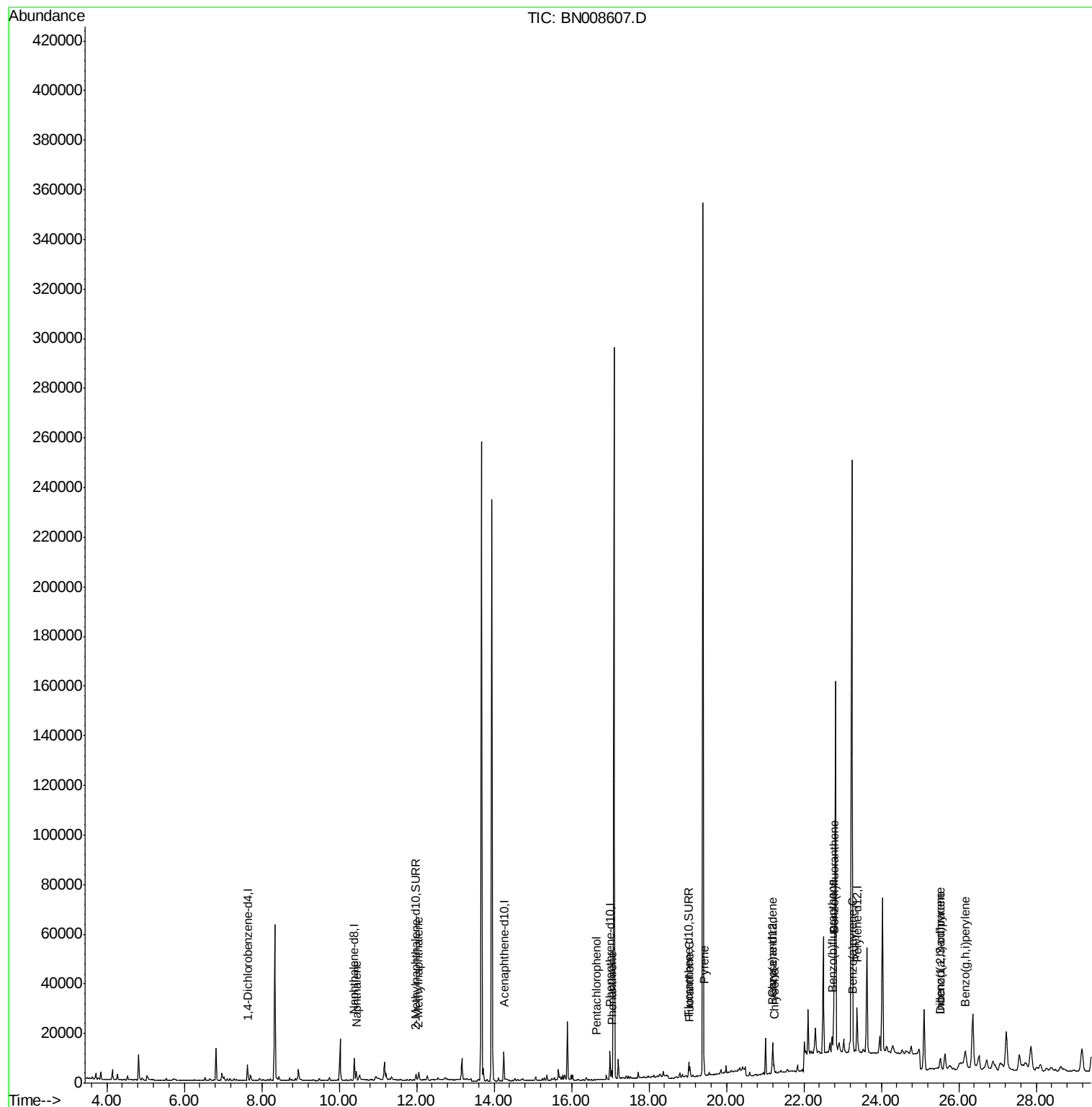
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
Data File : BN008607.D
Acq On : 18 Nov 2019 17:07
Operator : JU
Sample : K5678-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

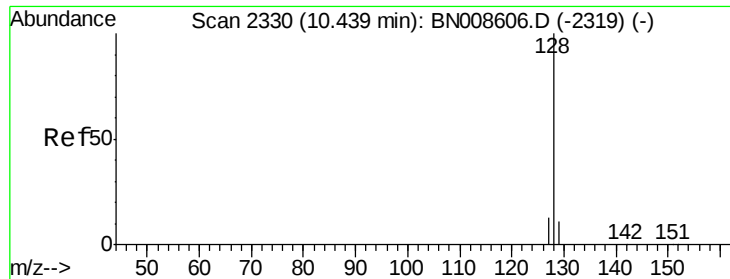
Instrument :
BNA_N
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JLM73

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Quant Time: Nov 19 01:57:20 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





#3

Naphthalene

Concen: 0.144 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008607.D

Acq: 18 Nov 2019 17:07

Instrument :

BNA_N

ClientSampleId :

JLM73

Tot Ion:128 Resp: 4738

Ion Ratio Lower Upper

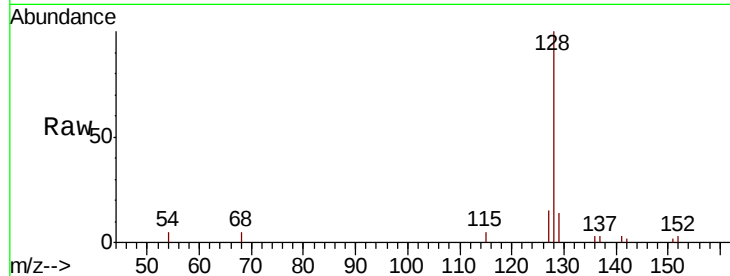
128 100

129 14.2 9.7 14.5

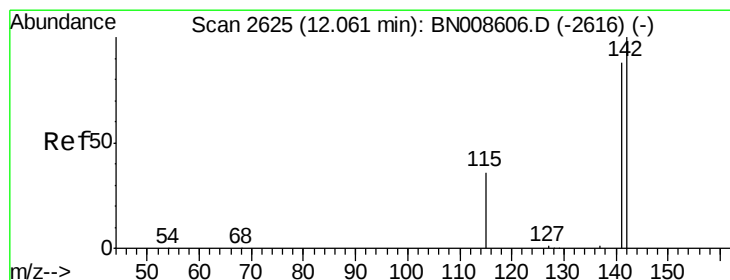
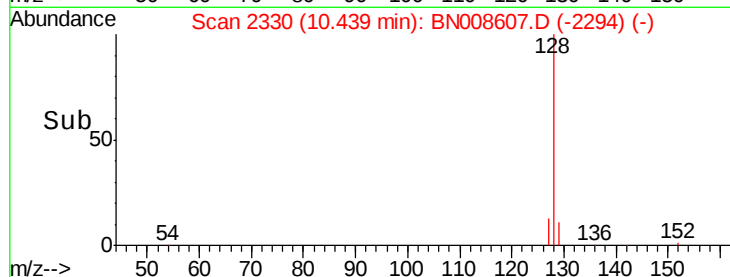
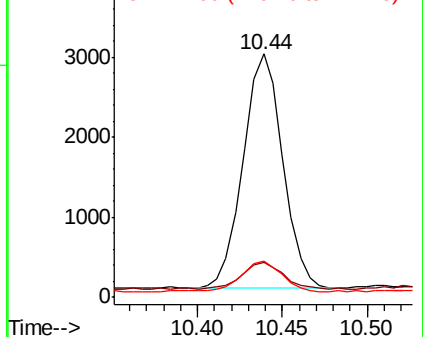
127 15.0 10.8 16.2

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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: 0.090 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BN008607.D

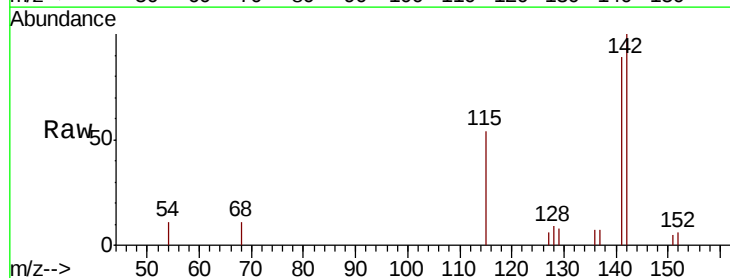
Acq: 18 Nov 2019 17:07

Tgt Ion:142 Resp: 2063

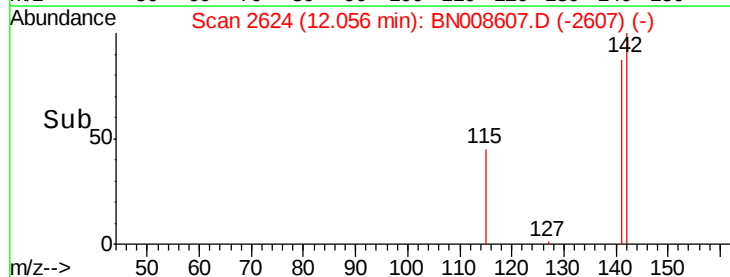
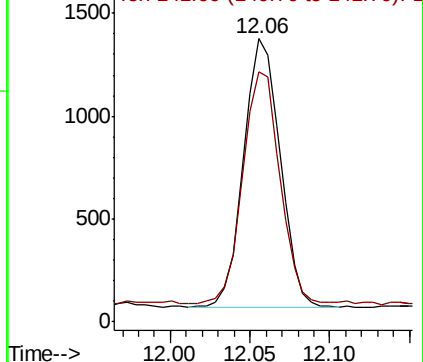
Ion Ratio Lower Upper

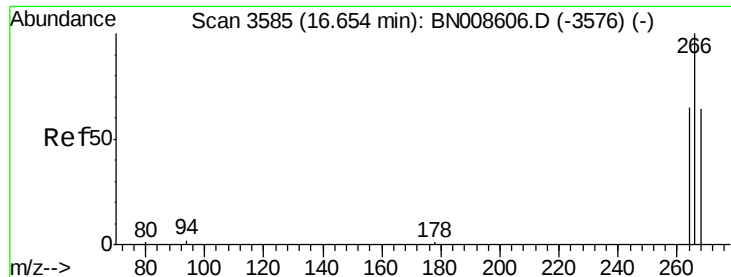
142 100

141 89.0 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





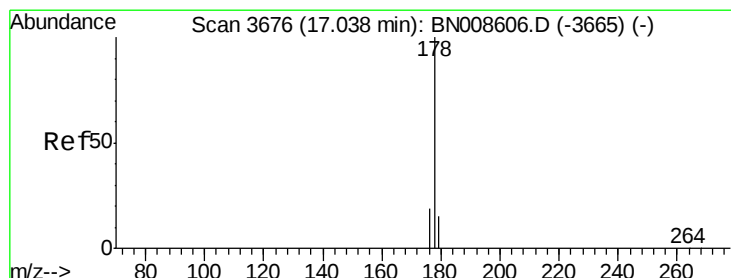
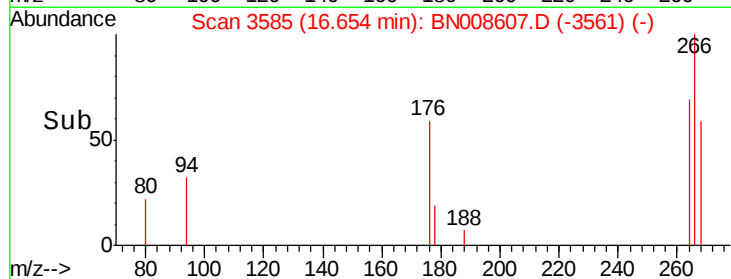
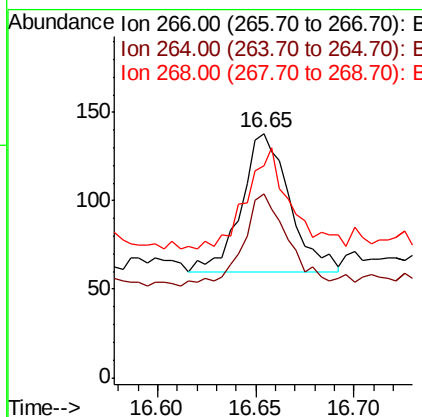
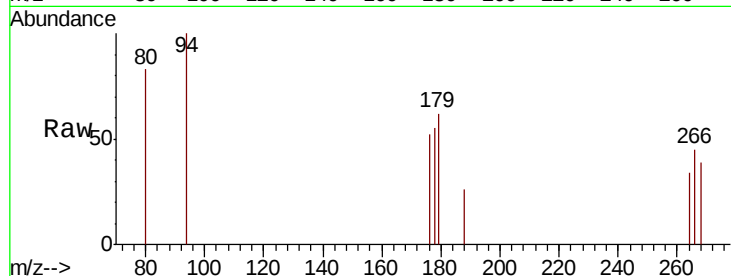
#11
 Pentachlorophenol
 Concen: 0.027 ng/ul
 RT: 16.65 min Scan# 3585
 Delta R.T. -0.00 min
 Lab File: BN008607.D
 Acq: 18 Nov 2019 17:07

Instrument :
 BNA_N
 ClientSampleId :
 JLM73

Tot Ion:	266	Resp:	134
Ion Ratio	Lower	Upper	
266	100		
264	64.2	49.2	73.8
268	65.7	50.9	76.3

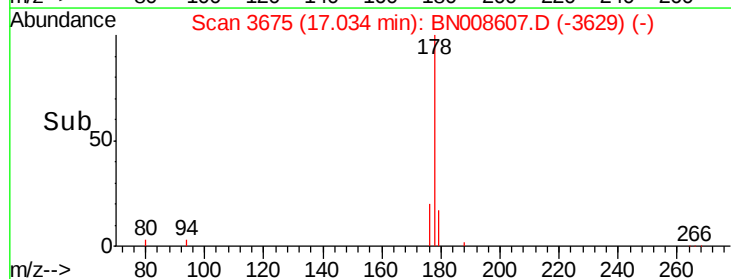
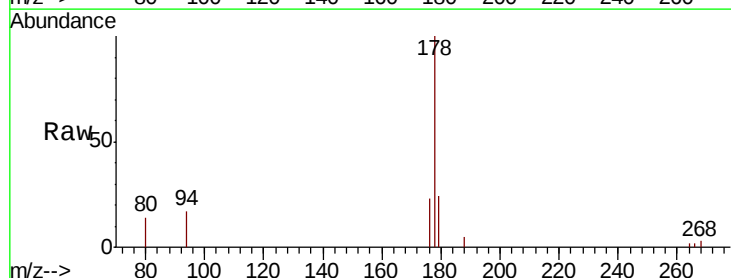
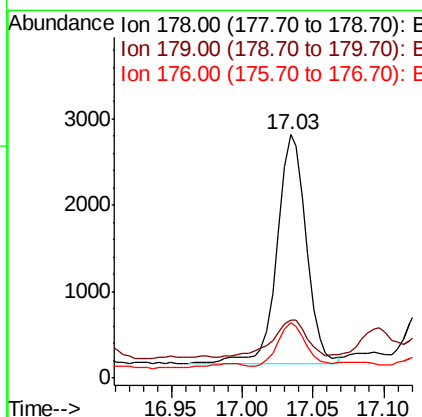
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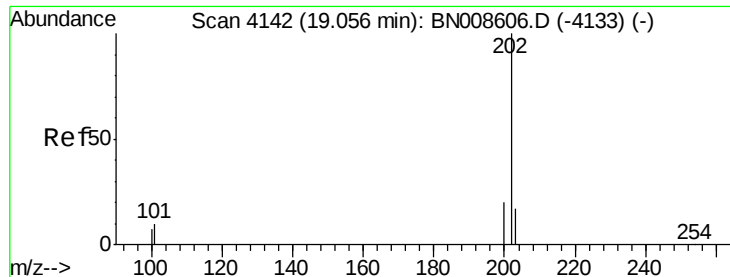
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#12
 Phenanthrene
 Concen: 0.088 ng/ul
 RT: 17.03 min Scan# 3675
 Delta R.T. -0.00 min
 Lab File: BN008607.D
 Acq: 18 Nov 2019 17:07

Tgt Ion:	178	Resp:	3838
Ion Ratio	Lower	Upper	
178	100		
179	23.9	12.8	19.2#
176	22.7	16.0	24.0





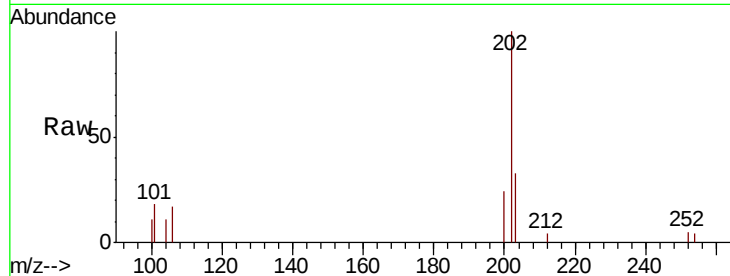
#15
Fluoranthene
 Concen: 0.068 ng/ul
 RT: 19.06 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: BN008607.D
 Acq: 18 Nov 2019 17:07

Instrument :
 BNA_N
 ClientSampleId :
 JLM73

Tot Ion	Ratio	Resp	Lower	Upper
202	100	3659		
101	18.3		0.0	29.6
100	11.5		0.0	27.0

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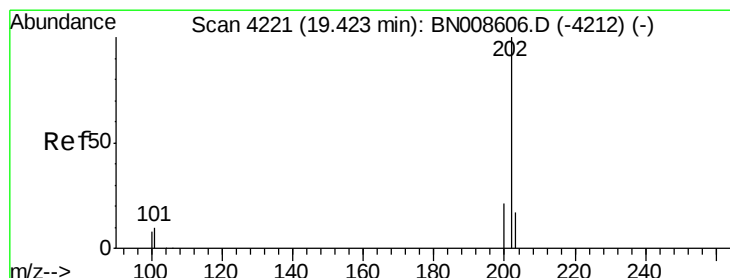
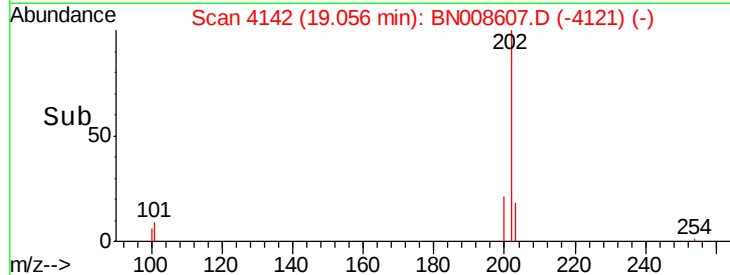
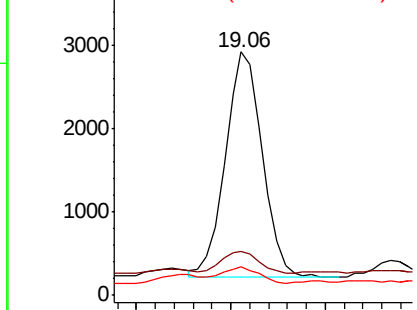


Abundance

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: 0.098 ng/ul
 RT: 19.42 min Scan# 4221
 Delta R.T. -0.00 min
 Lab File: BN008607.D
 Acq: 18 Nov 2019 17:07

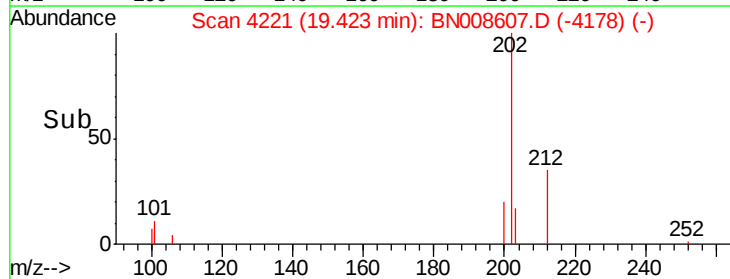
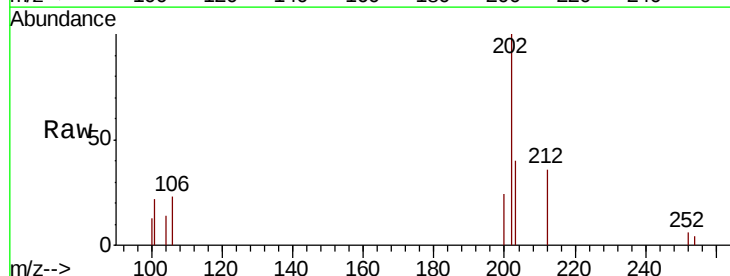
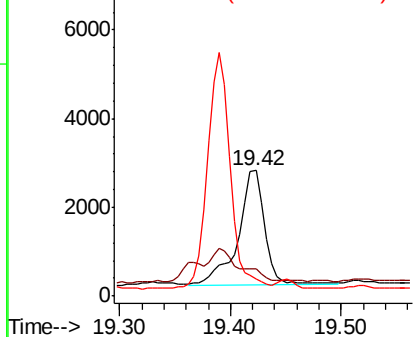
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4137		
101	21.6		10.2	15.2#
100	13.3		8.2	12.2#

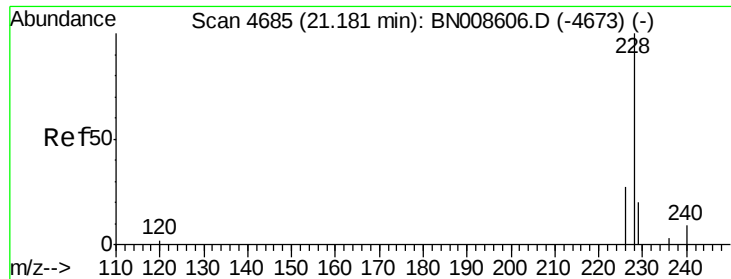
Abundance

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





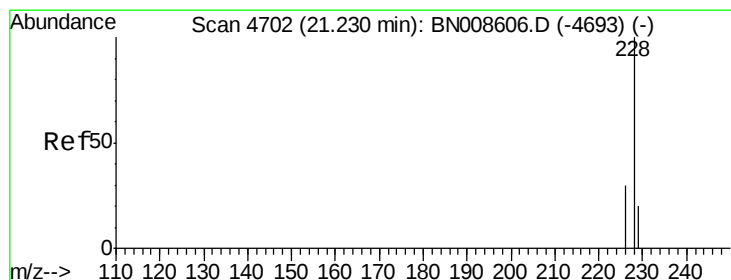
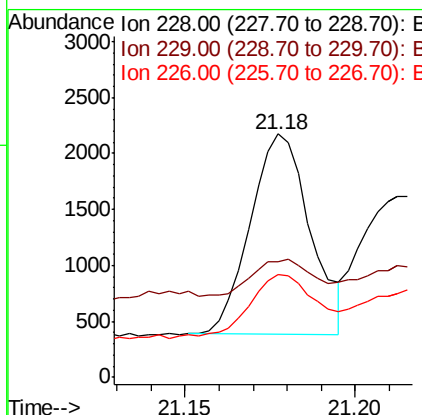
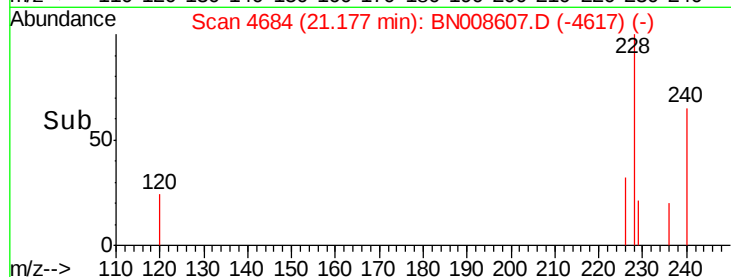
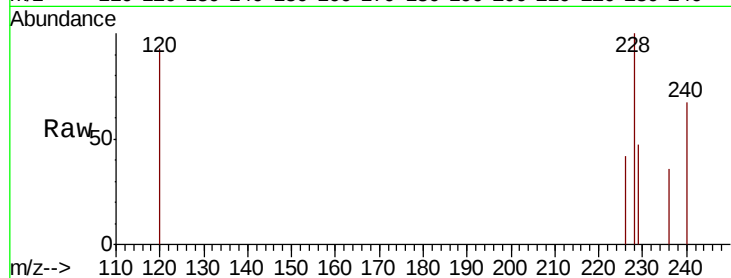
#18
Benzo(a)anthracene
Concen: 0.052 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. -0.00 min
Lab File: BN008607.D
Acq: 18 Nov 2019 17:07

Instrument :
BNA_N
ClientSampleId :
JLM73

Tot Ion	Ratio	Lower	Upper
228	100		
229	47.4	15.8	23.6#
226	42.3	21.6	32.4#

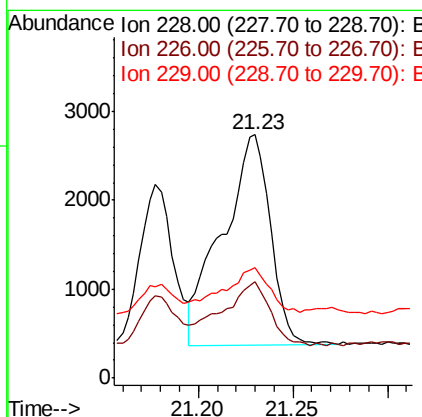
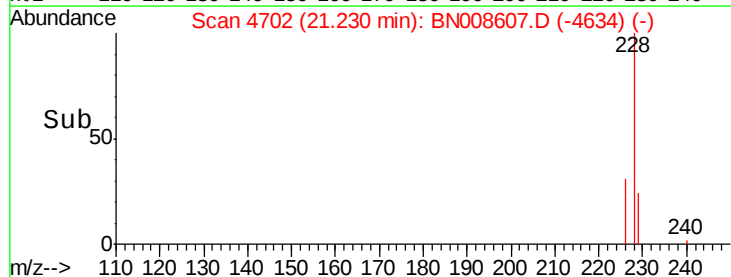
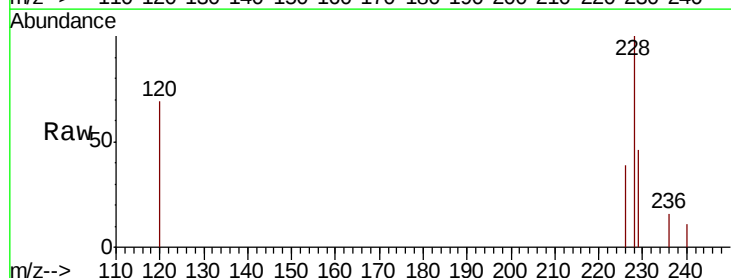
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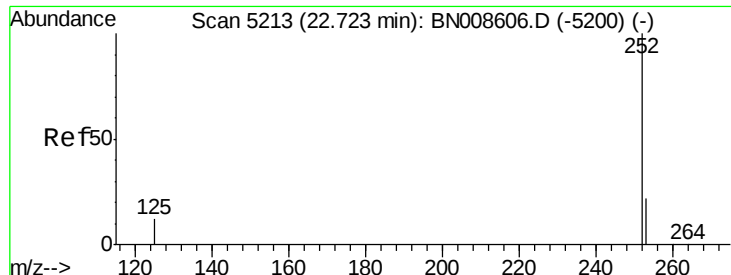
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#19
Chrysene
Concen: 0.101 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. -0.00 min
Lab File: BN008607.D
Acq: 18 Nov 2019 17:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.4	24.5	36.7#
229	45.5	15.5	23.3#





#21

Benzo(b)fluoranthene

Concen: 0.174 ng/ul

RT: 22.73 min Scan# 5214

Delta R.T. 0.00 min

Lab File: BN008607.D

Acq: 18 Nov 2019 17:07

Instrument :

BNA_N

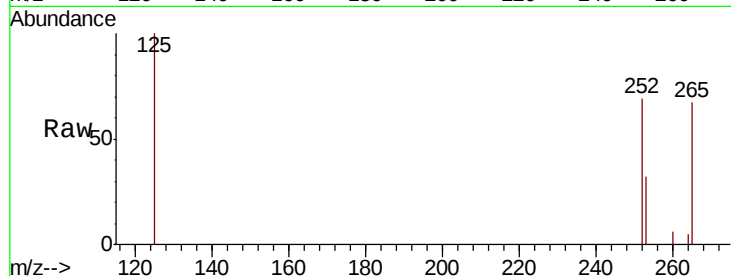
ClientSampleId :

JLM73

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	46.8	0.0	50.2
125	144.4	0.0	30.0#

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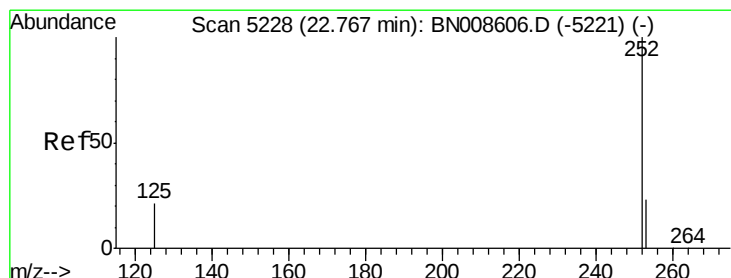
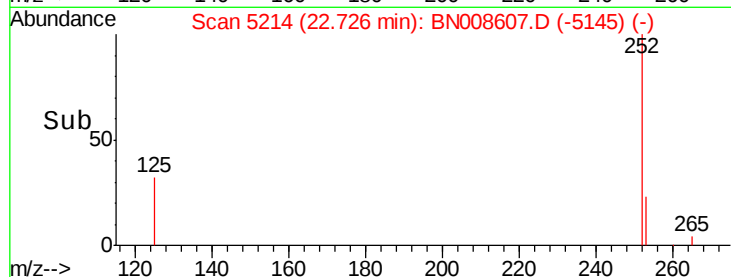
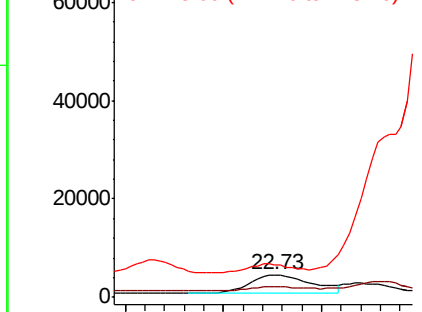


Abundance

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: 0.061 ng/ul m

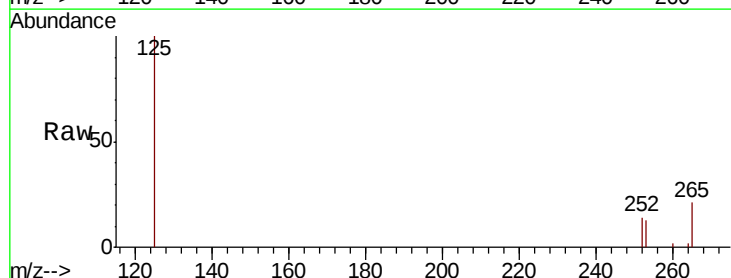
RT: 22.77 min Scan# 5229

Delta R.T. 0.00 min

Lab File: BN008607.D

Acq: 18 Nov 2019 17:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	90.6	20.5	30.7#
125	691.0	15.0	22.4#

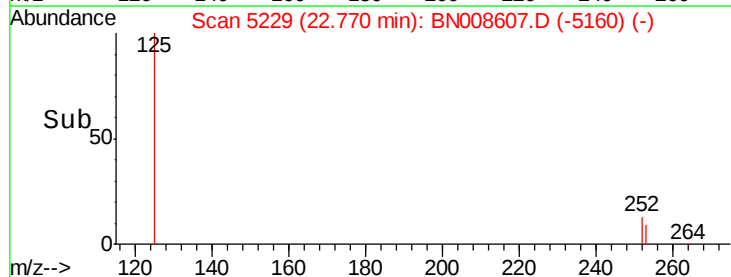
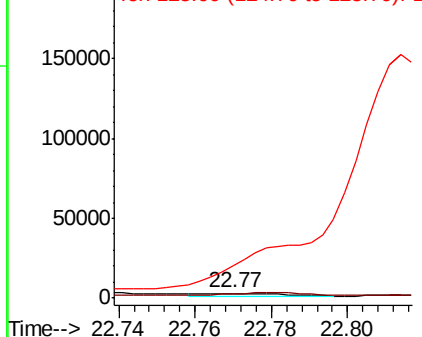


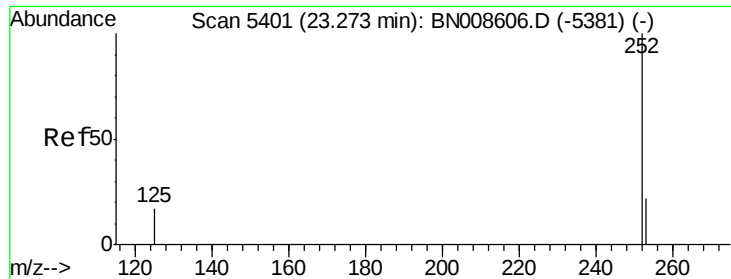
Abundance

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: 0.093 ng/u1

RT: 23.28 min Scan# 5403

Delta R.T. 0.01 min

Lab File: BN008607.D

Acq: 18 Nov 2019 17:07

Instrument :

BNA_N

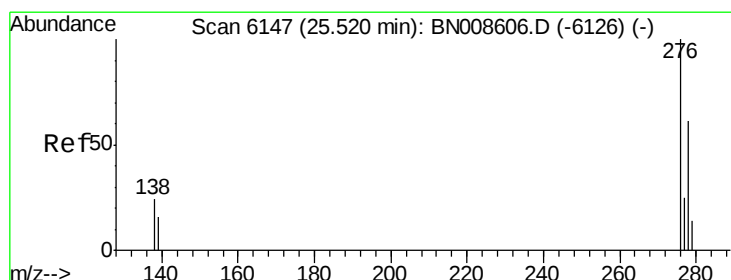
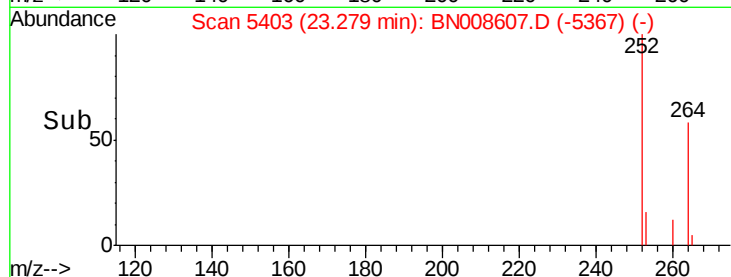
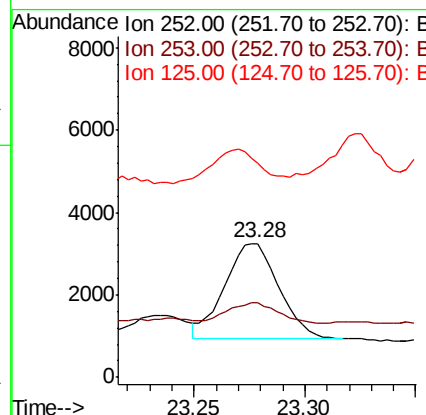
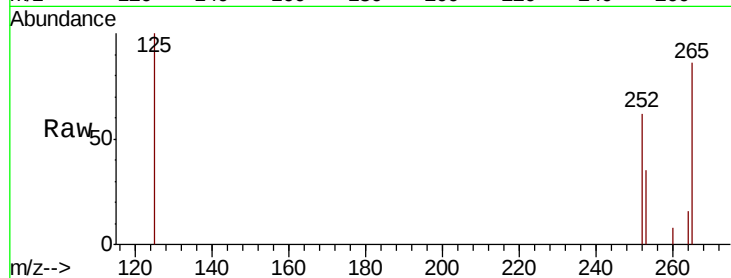
ClientSampleId :

JLM73

Tot Ion:	252	Resp:	3974
Ion Ratio	Lower	Upper	
252	100		
253	55.4	21.4	32.2#
125	160.2	13.8	20.8#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.081 ng/u1

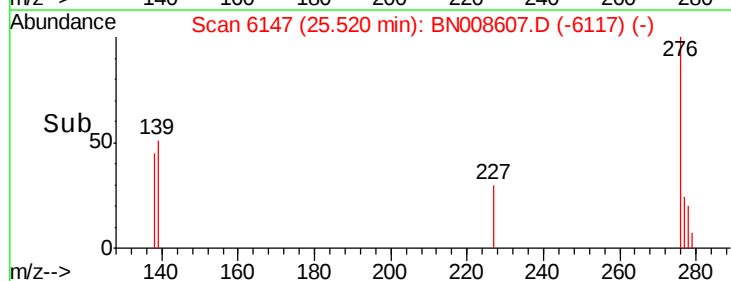
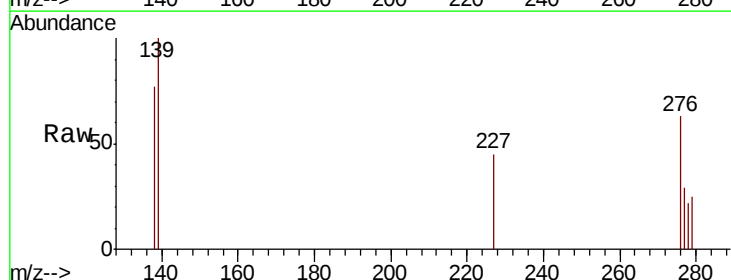
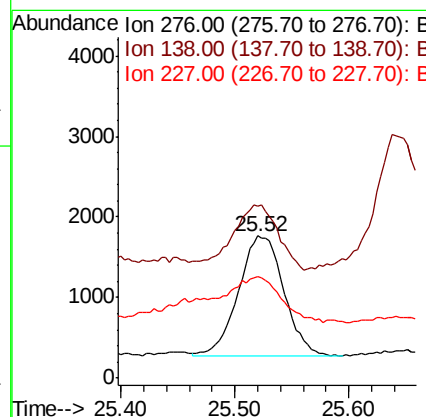
RT: 25.52 min Scan# 6147

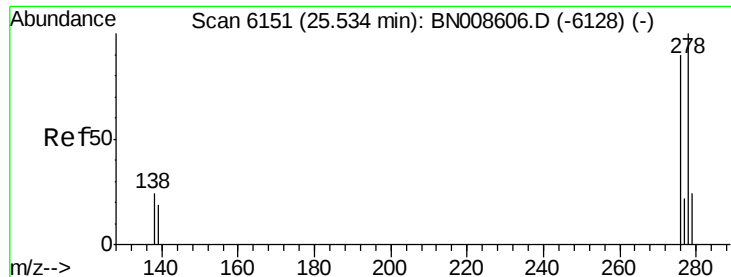
Delta R.T. -0.00 min

Lab File: BN008607.D

Acq: 18 Nov 2019 17:07

Tgt Ion:	276	Resp:	4070
Ion Ratio	Lower	Upper	
276	100		
138	53.6	21.7	32.5#
227	39.6	0.2	0.2#





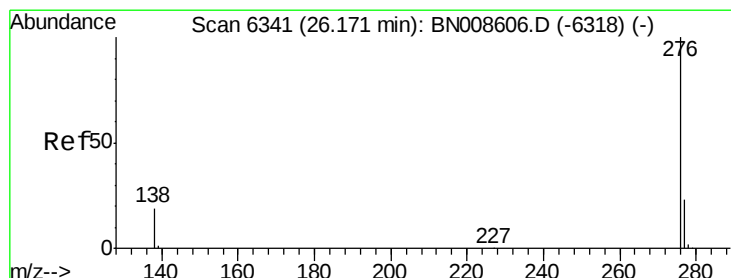
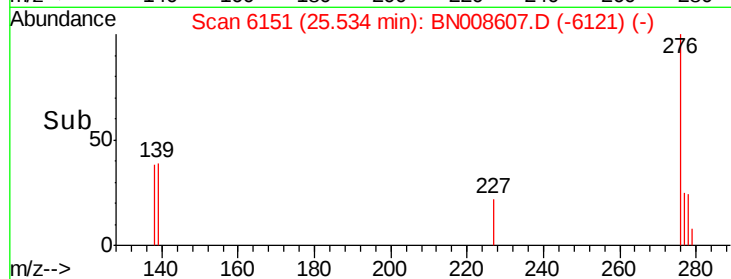
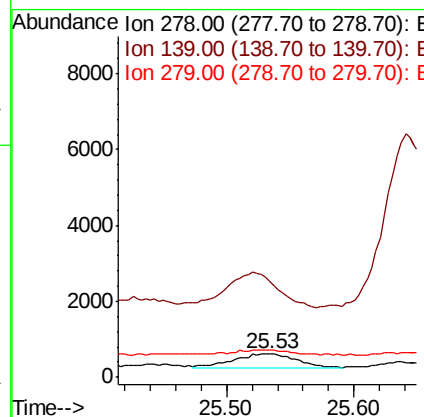
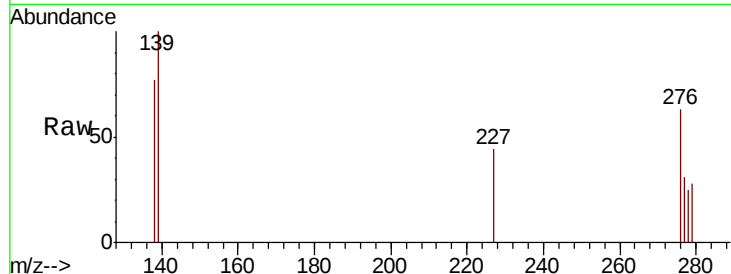
#25
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 25.53 min Scan# 6151
Delta R.T. -0.00 min
Lab File: BN008607.D
Acq: 18 Nov 2019 17:07

Instrument :
BNA_N
ClientSampleId :
JLM73

Tot Ion	Ratio	Lower	Upper
278	100		
139	400.5	18.7	28.1#
279	112.7	20.8	31.2#

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#26
Benzo(g,h,i)perylene
Concen: 0.095 ng/ul
RT: 26.18 min Scan# 6344
Delta R.T. 0.01 min
Lab File: BN008607.D
Acq: 18 Nov 2019 17:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	362.7	20.0	30.0#
277	45.4	20.0	30.0#

