

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
 Data File : BN008609.D
 Acq On : 18 Nov 2019 18:19
 Operator : JU
 Sample : K5678-05DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM69DL

Manual Integrations
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Quant Time: Nov 19 02:37:41 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	3804	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	13813	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	8354	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	17101	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	13159	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	14646	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	729	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	1740	0.03	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	3384	0.081	ng/ul#	92
5) 2-Methylnaphthalene	12.06	142	1281	0.044	ng/ul	100
7) Acenaphthylene	13.97	152	1151	0.025	ng/ul#	72
11) Pentachlorophenol	16.65	266	700	0.108	ng/ul	95
12) Phenanthrene	17.04	178	10335	0.179	ng/ul#	91
13) Anthracene	17.13	178	1805	0.033	ng/ul#	39
15) Fluoranthene	19.06	202	14018	0.198	ng/ul	86
17) Pyrene	19.42	202	27935	0.529	ng/ul	98
18) Benzo(a)anthracene	21.18	228	8492	0.160	ng/ul#	55
19) Chrysene	21.23	228	22712	0.437	ng/ul#	77
21) Benzo(b)fluoranthene	22.73	252	20665m	0.342	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	4634m	0.077	ng/ul	
23) Benzo(a)pyrene	23.28	252	17684	0.312	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.53	276	10953	0.165	ng/ul#	63
25) Dibenzo(a,h)anthracene	25.54	278	3711	0.069	ng/ul#	1
26) Benzo(a,h,i)perylene	26.18	276	30398	0.548	ng/ul#	76

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

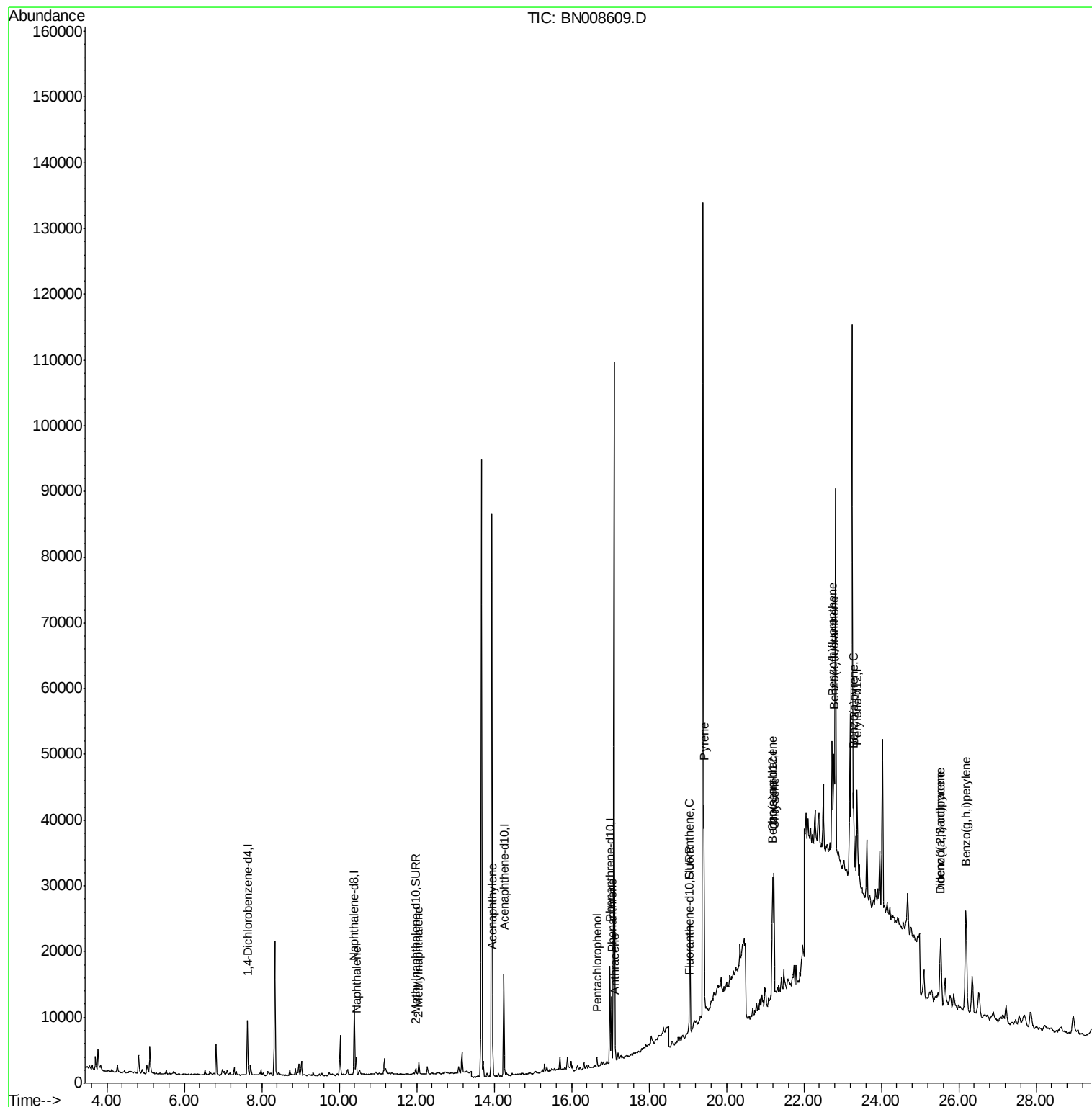
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
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ALS Vial : 15 Sample Multiplier: 1

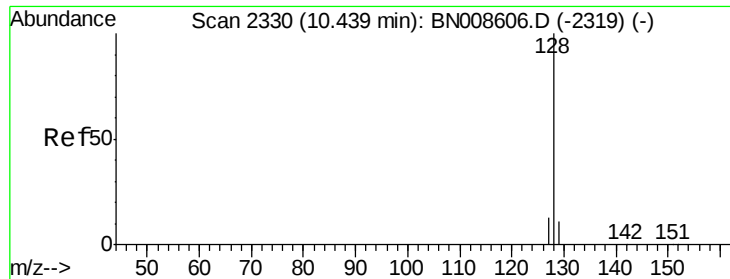
Instrument :
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Quant Time: Nov 19 02:37:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 01:47:58 2019
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#3

Naphthalene

Concen: 0.081 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Instrument :

BNA_N

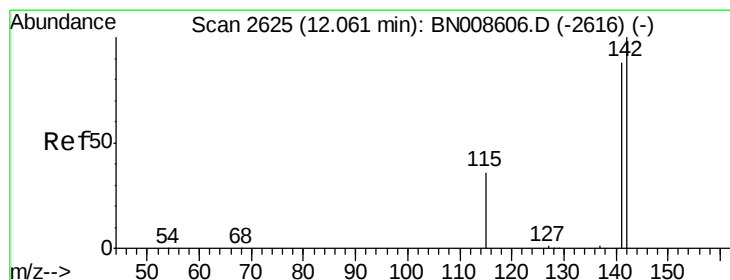
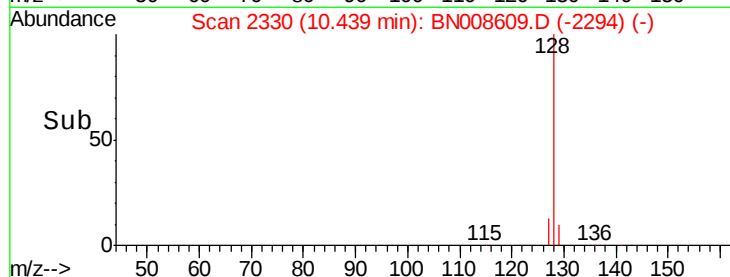
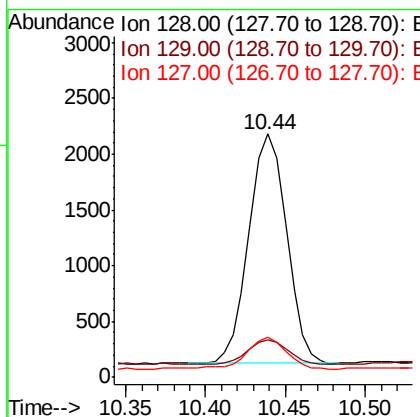
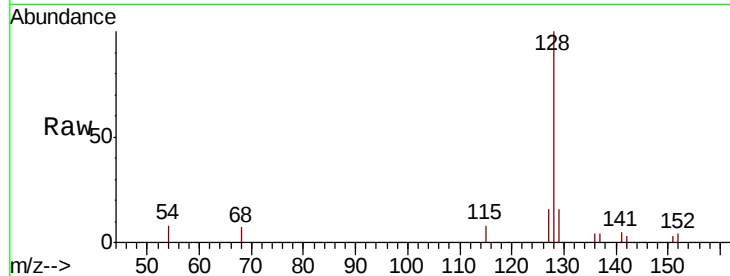
ClientSampleId :

JLM69DL

Tot Ion:	128	Resp:	3384
Ion Ratio	Lower	Upper	
128	100		
129	15.6	9.7	14.5#
127	16.3	10.8	16.2#

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#5

2-Methylnaphthalene

Concen: 0.044 ng/ul

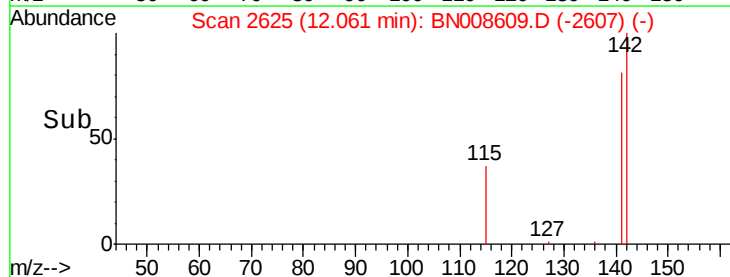
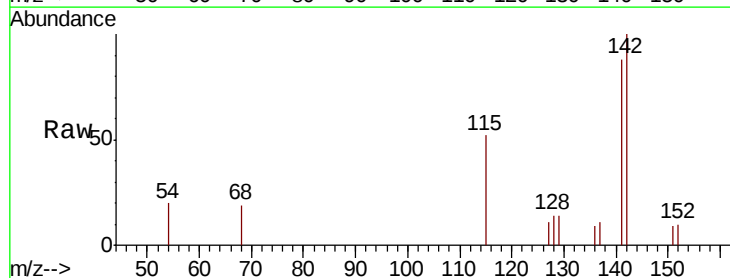
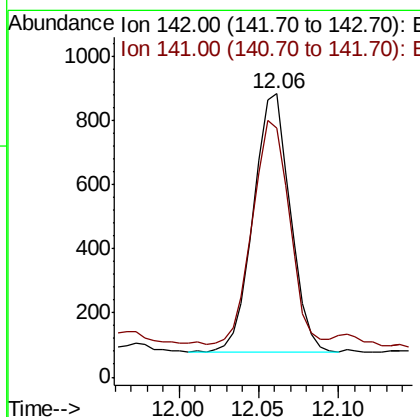
RT: 12.06 min Scan# 2625

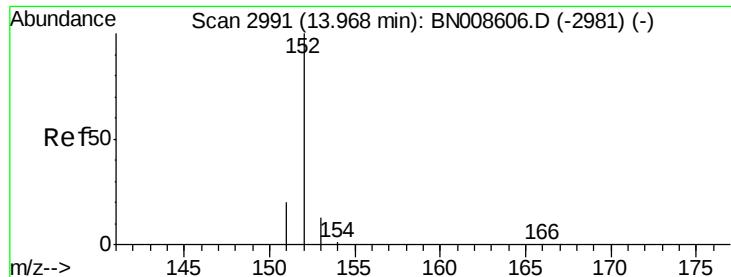
Delta R.T. -0.00 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Tgt Ion:	142	Resp:	1281
Ion Ratio	Lower	Upper	
142	100		
141	88.1	70.5	105.7





#7

Acenaphthylene

Concen: 0.025 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Instrument :

BNA_N

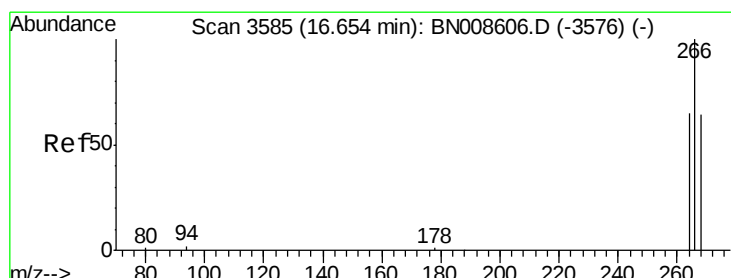
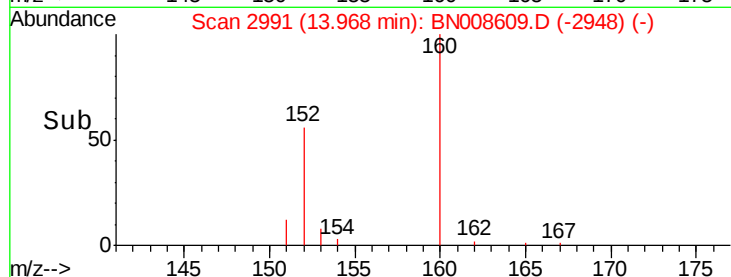
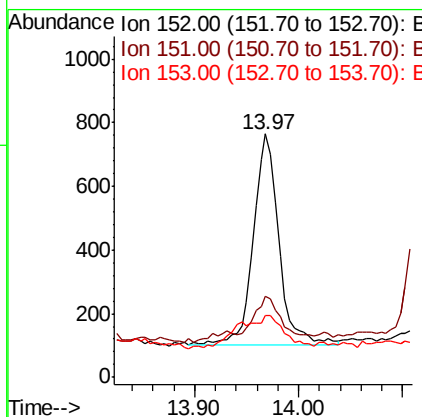
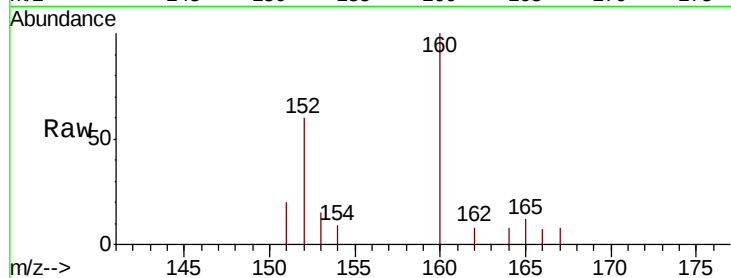
ClientSampleId :

JLM69DL

Tot Ion:	152	Resp:	1151
Ion Ratio	Lower	Upper	
152	100		
151	33.3	16.6	24.8#
153	25.4	11.1	16.7#

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#11

Pentachlorophenol

Concen: 0.108 ng/ul

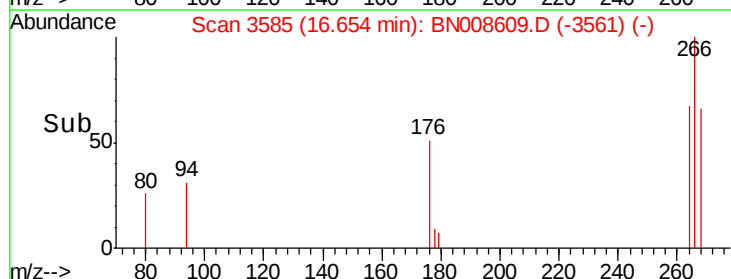
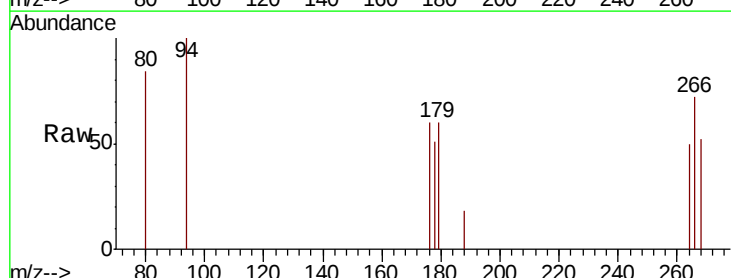
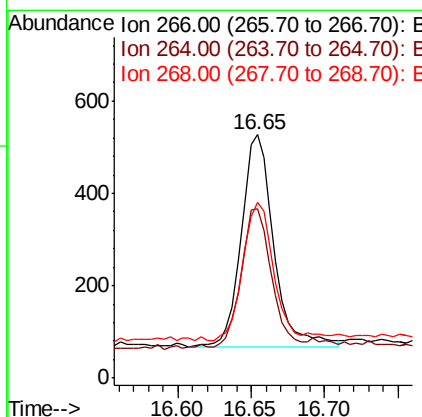
RT: 16.65 min Scan# 3585

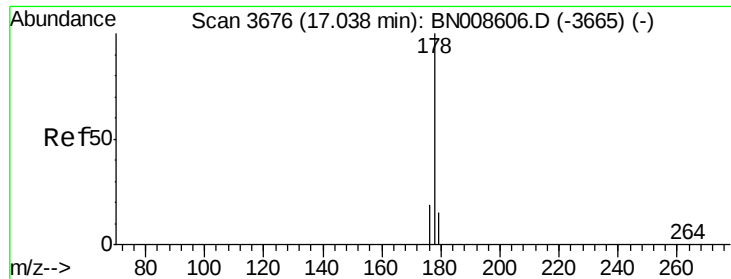
Delta R.T. -0.00 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Tgt Ion:	266	Resp:	700
Ion Ratio	Lower	Upper	
266	100		
264	60.1	49.2	73.8
268	70.4	50.9	76.3





#12

Phenanthrene

Concen: 0.179 ng/ul

RT: 17.04 min Scan# 3676

Delta R.T. -0.00 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Instrument :

BNA_N

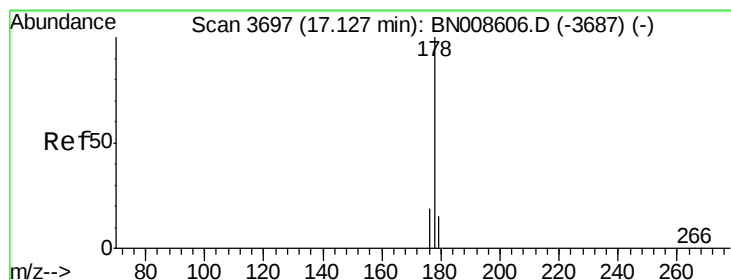
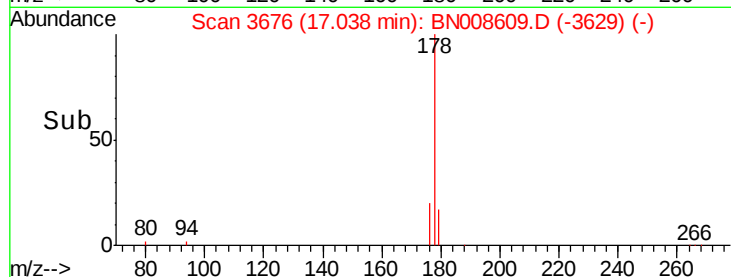
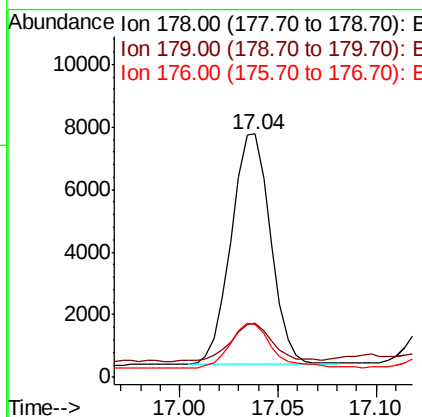
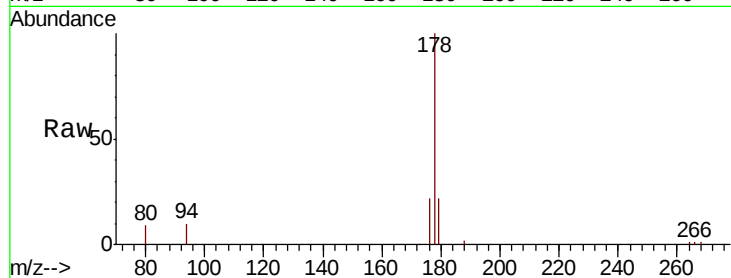
ClientSampleId :

JLM69DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	22.4	12.8	19.2#
176	22.0	16.0	24.0

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#13

Anthracene

Concen: 0.033 ng/ul

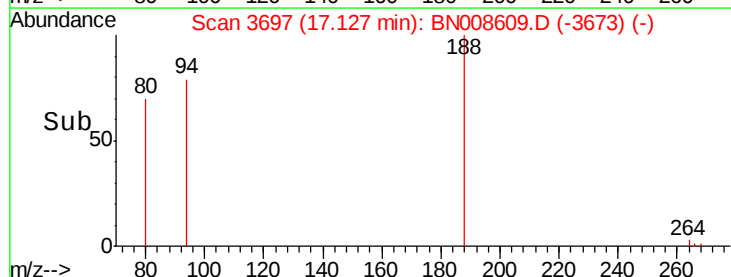
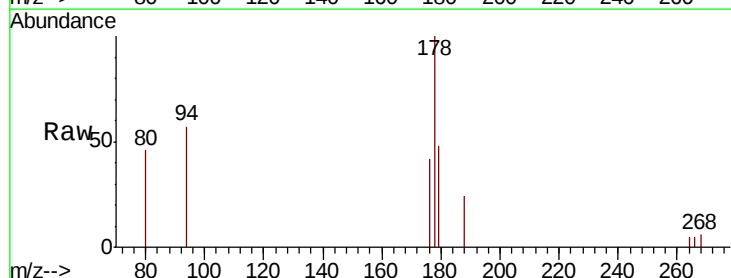
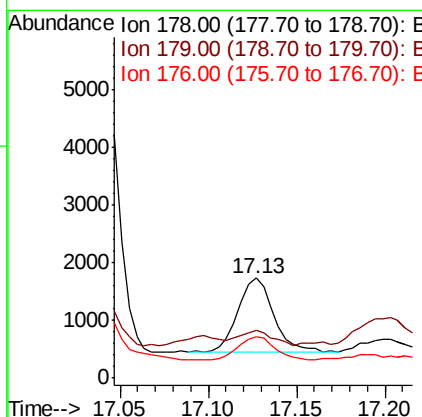
RT: 17.13 min Scan# 3697

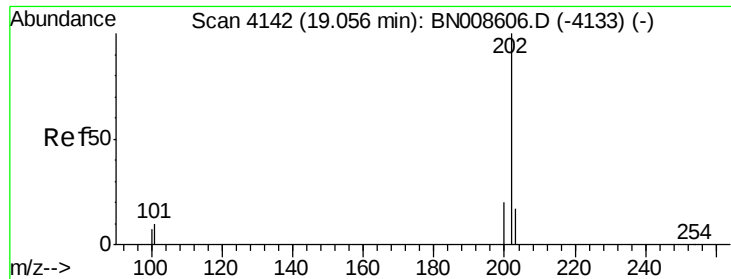
Delta R.T. -0.00 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	48.0	13.0	19.4#
176	41.8	15.3	22.9#





#15

Fluoranthene

Concen: 0.198 ng/ul

RT: 19.06 min Scan# 4142

Delta R.T. -0.00 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Instrument :

BNA_N

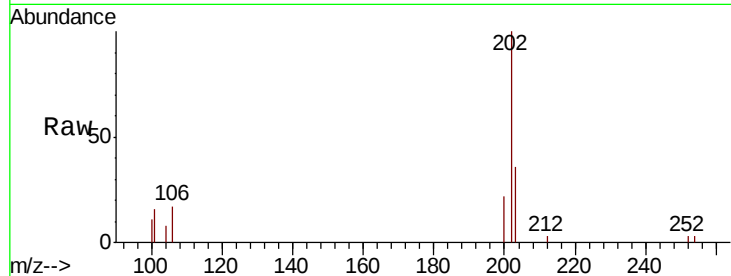
ClientSampleId :

JLM69DL

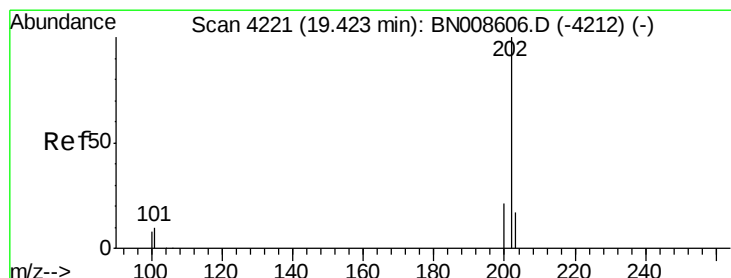
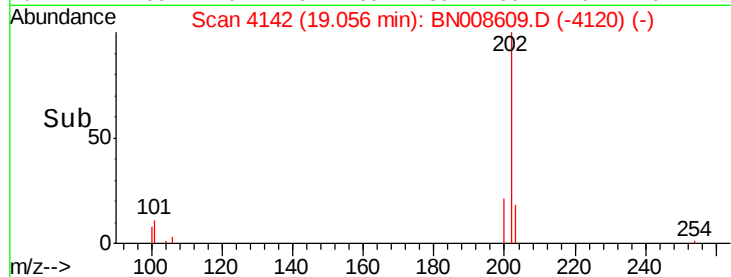
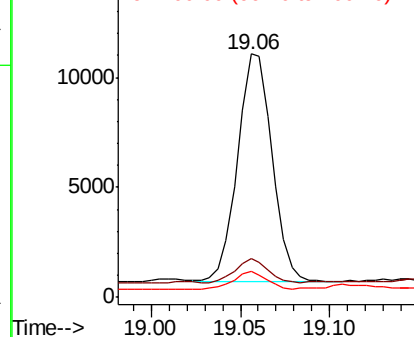
Tot Ion:	202	Resp:	14018
Ion Ratio	Lower	Upper	
202	100		
101	15.9	0.0	29.6
100	10.5	0.0	27.0

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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: 0.529 ng/ul

RT: 19.42 min Scan# 4221

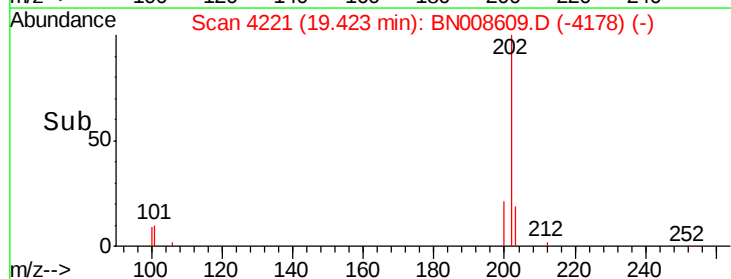
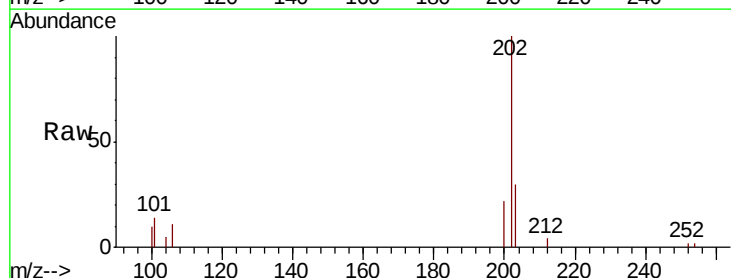
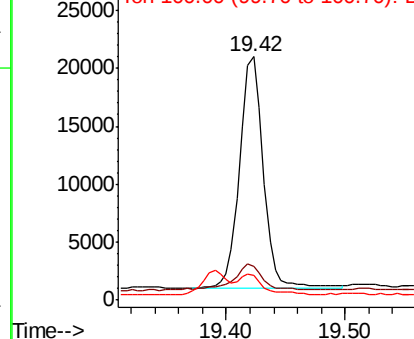
Delta R.T. -0.00 min

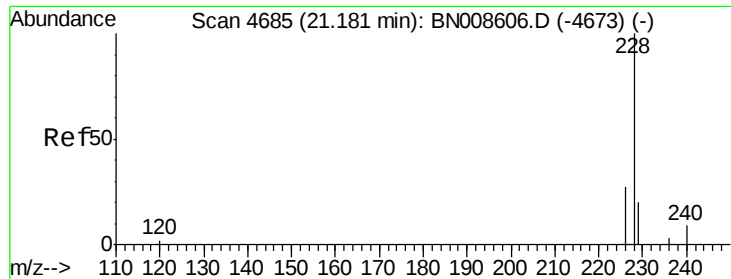
Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Tgt Ion:	202	Resp:	27935
Ion Ratio	Lower	Upper	
202	100		
101	14.0	10.2	15.2
100	10.3	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





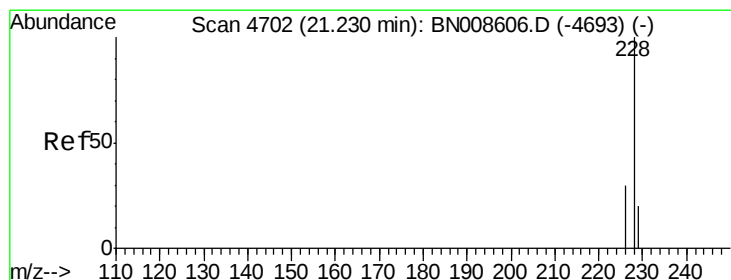
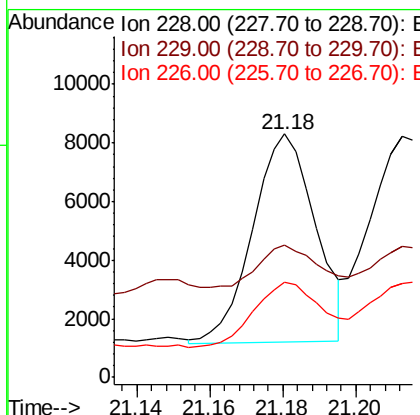
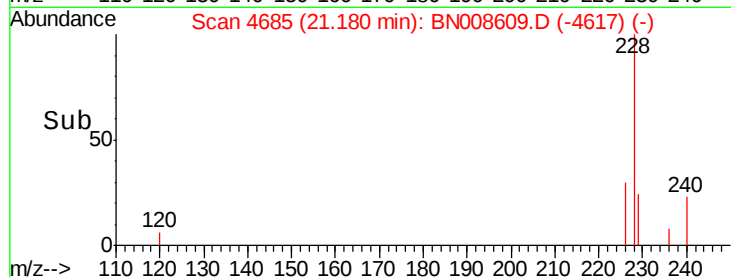
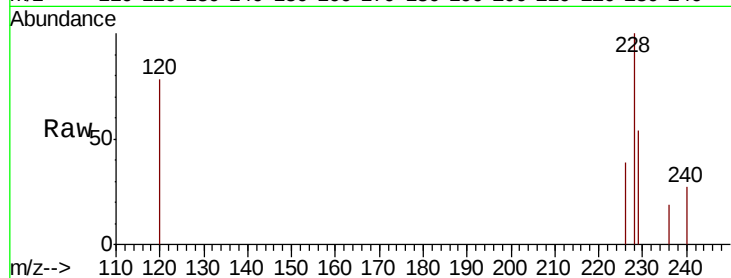
#18
Benzo(a)anthracene
Concen: 0.160 ng/ul
RT: 21.18 min Scan# 4685
Delta R.T. -0.00 min
Lab File: BN008609.D
Acq: 18 Nov 2019 18:19

Instrument :
BNA_N
ClientSampleId :
JLM69DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	54.1	15.8	23.6#
226	38.8	21.6	32.4#

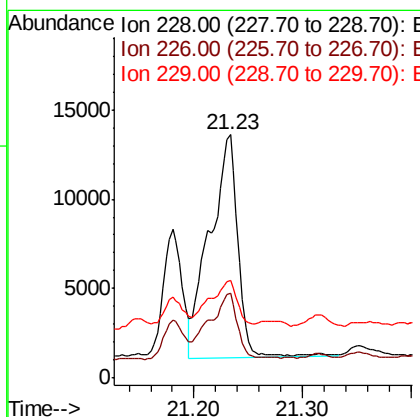
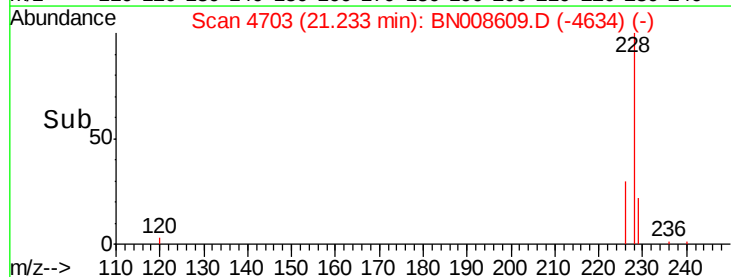
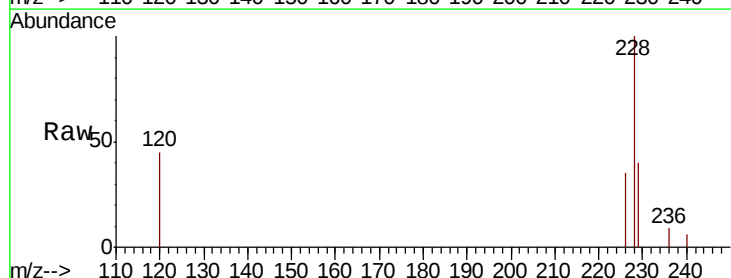
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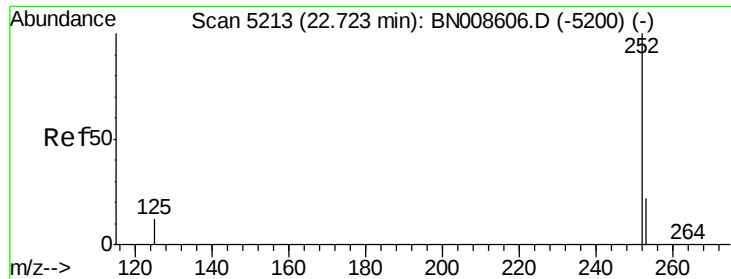
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#19
Chrysene
Concen: 0.437 ng/ul
RT: 21.23 min Scan# 4703
Delta R.T. 0.00 min
Lab File: BN008609.D
Acq: 18 Nov 2019 18:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.0	24.5	36.7
229	40.0	15.5	23.3#





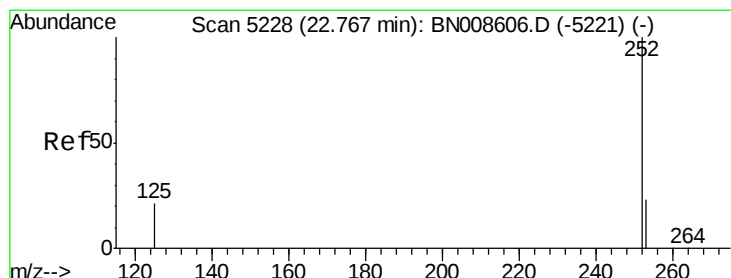
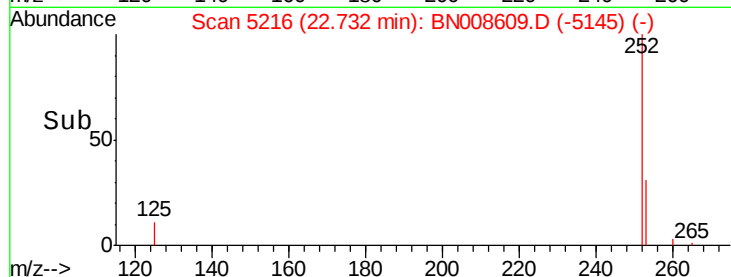
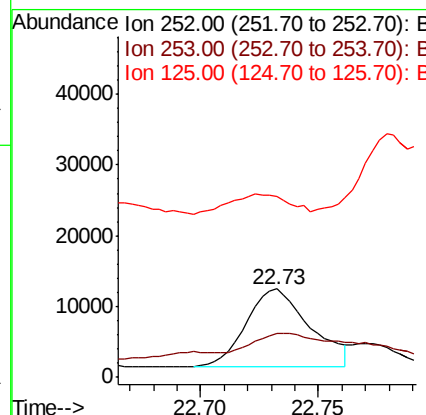
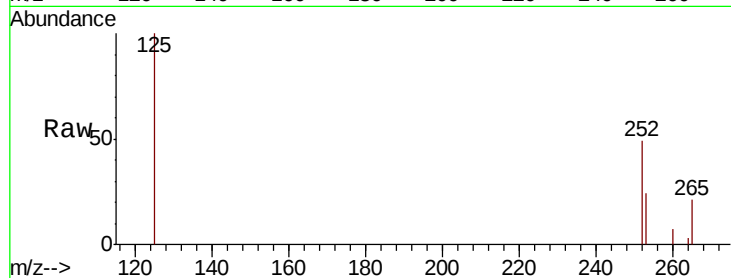
#21
Benzo(b)fluoranthene
Concen: 0.342 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. 0.01 min
Lab File: BN008609.D
Acq: 18 Nov 2019 18:19

Instrument :
BNA_N
ClientSampleId :
JLM69DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	49.7	0.0	50.2	
125	204.2	0.0	30.0	#

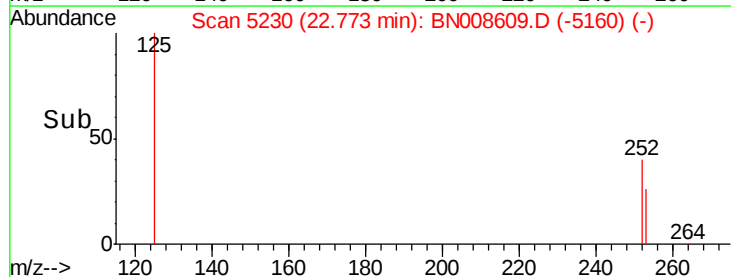
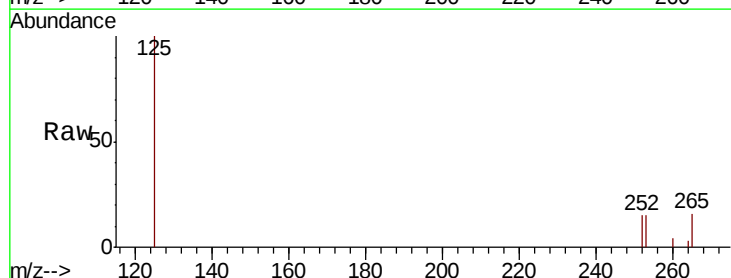
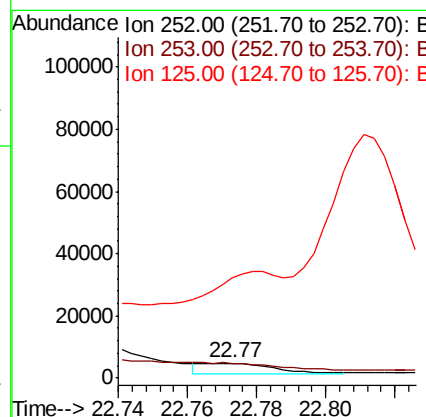
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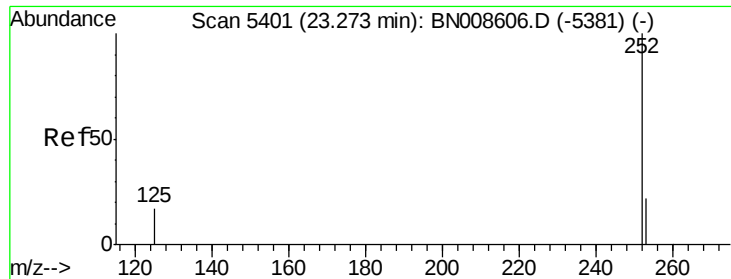
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#22
Benzo(k)fluoranthene
Concen: 0.077 ng/ul m
RT: 22.77 min Scan# 5230
Delta R.T. 0.01 min
Lab File: BN008609.D
Acq: 18 Nov 2019 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	97.1	20.5	30.7	#
125	668.2	15.0	22.4	#





#23

Benzo(a)pyrene

Concen: 0.312 ng/ul

RT: 23.28 min Scan# 5404

Delta R.T. 0.01 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Instrument :

BNA_N

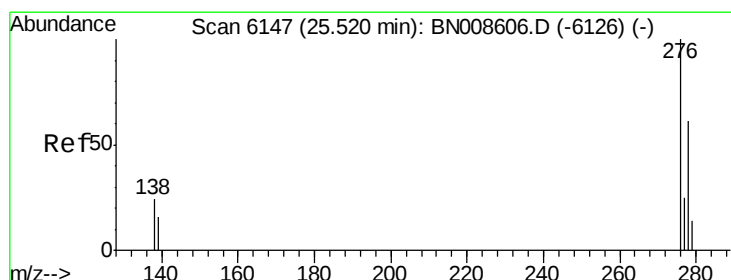
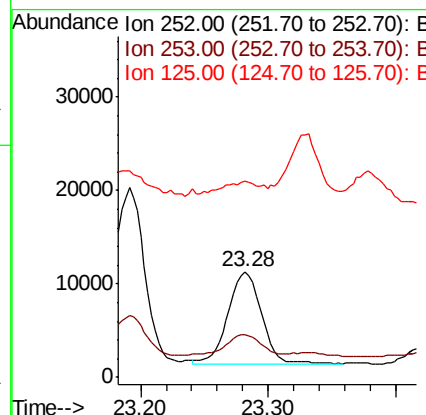
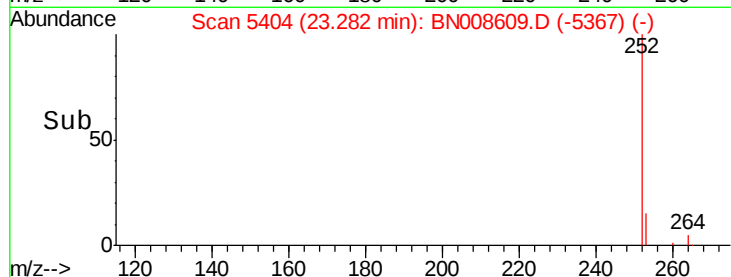
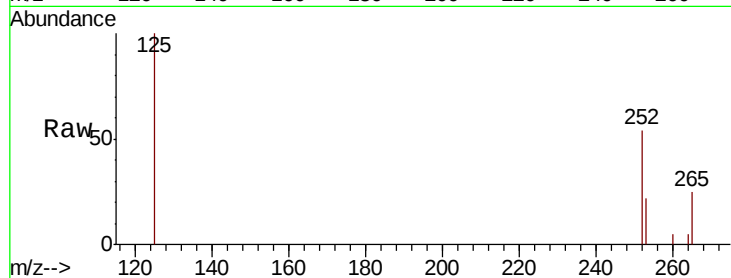
ClientSampleID :

JLM69DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	40.9	21.4	32.2#
125	185.5	13.8	20.8#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.165 ng/ul

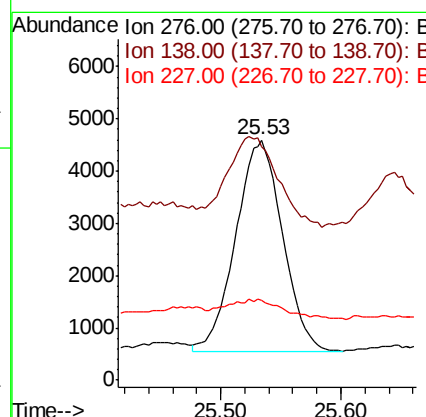
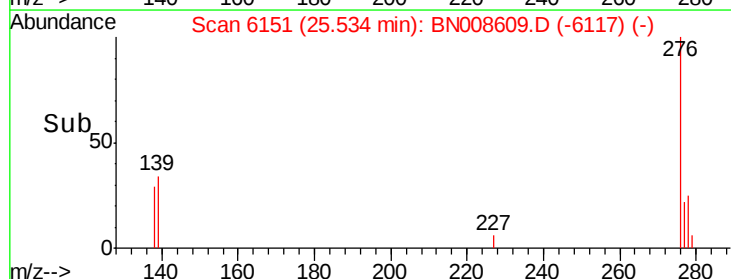
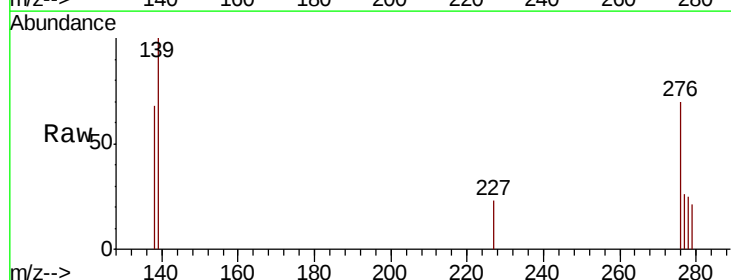
RT: 25.53 min Scan# 6151

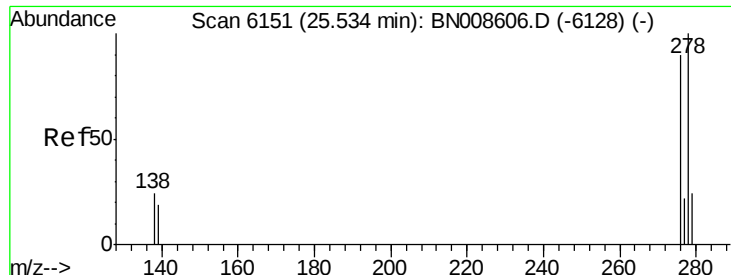
Delta R.T. 0.01 min

Lab File: BN008609.D

Acq: 18 Nov 2019 18:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	46.5	21.7	32.5#
227	11.0	0.2	0.2#





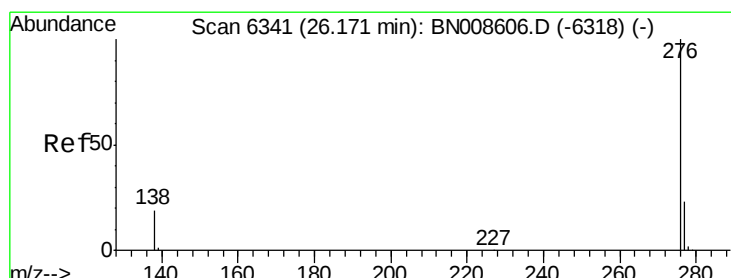
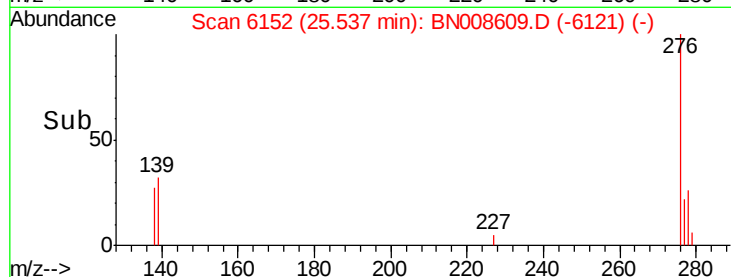
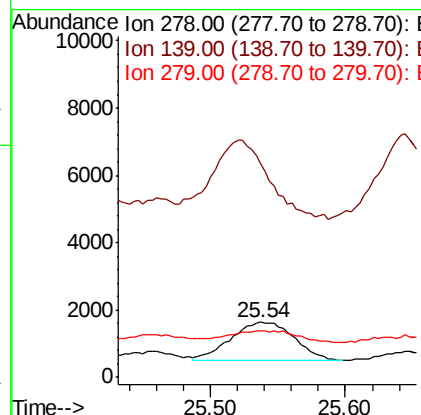
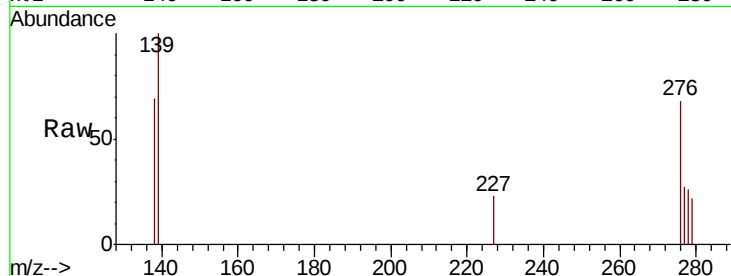
#25
Dibenzo(a,h)anthracene
Concen: 0.069 ng/u1
RT: 25.54 min Scan# 6152
Delta R.T. 0.00 min
Lab File: BN008609.D
Acq: 18 Nov 2019 18:19

Instrument :
BNA_N
ClientSampleId :
JLM69DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	390.2	18.7	28.1#
279	84.6	20.8	31.2#

Manual Integrations
APPROVED

mohammad
11/19/2019 2:45:01 PM



#26
Benzo(g,h,i)perylene
Concen: 0.548 ng/u1
RT: 26.18 min Scan# 6345
Delta R.T. 0.01 min
Lab File: BN008609.D
Acq: 18 Nov 2019 18:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.9	20.0	30.0#
277	28.6	20.0	30.0

