

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008094.D
 Acq On : 12 Oct 2019 02:14
 Operator : JU
 Sample : K5124-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM67

Manual Integrations
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mohammad
 10/15/2019 7:57:37 AM

Quant Time: Oct 13 01:29:53 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	2471	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	11618	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7548	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	17045m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	17691m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	21224	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3701	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	11928m	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	2077	0.063	ng/ul#	88
5) 2-Methylnaphthalene	12.07	142	891	0.039	ng/ul	96
11) Pentachlorophenol	16.68	266	109m	0.026	ng/ul	
12) Phenanthrene	17.05	178	4394m	0.088	ng/ul	
15) Fluoranthene	19.07	202	7043m	0.107	ng/ul	
17) Pyrene	19.44	202	7165m	0.102	ng/ul	
18) Benzo(a)anthracene	21.19	228	3462	0.054	ng/ul#	54
19) Chrysene	21.24	228	7578	0.096	ng/ul#	81
21) Benzo(b)fluoranthene	22.75	252	8400m	0.122	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	2327m	0.030	ng/ul	
23) Benzo(a)pyrene	23.30	252	5945	0.082	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.57	276	2709	0.032	ng/ul#	57
26) Benzo(g,h,i)perylene	26.24	276	8550	0.109	ng/ul#	68

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

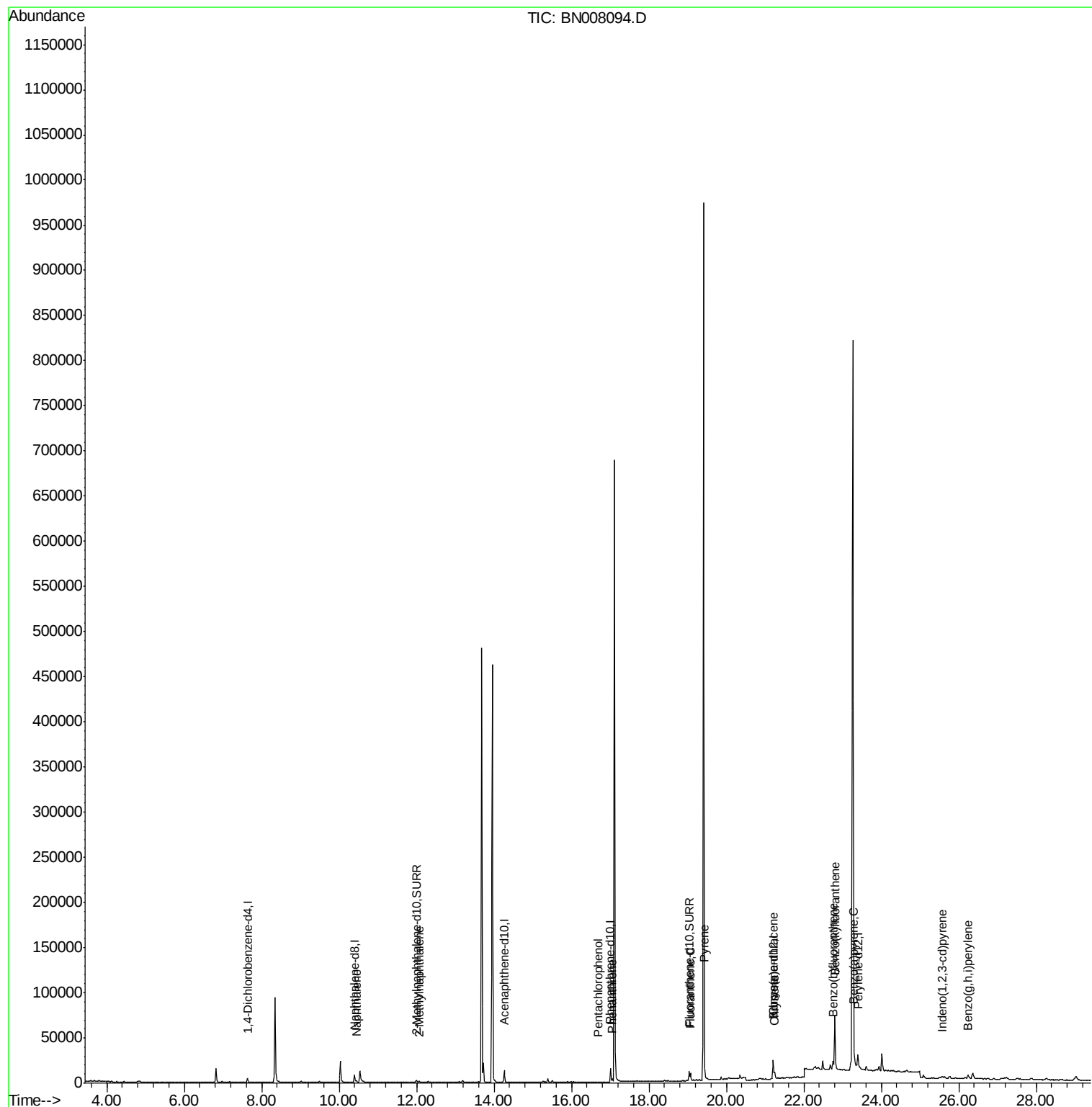
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008094.D
Acq On : 12 Oct 2019 02:14
Operator : JU
Sample : K5124-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

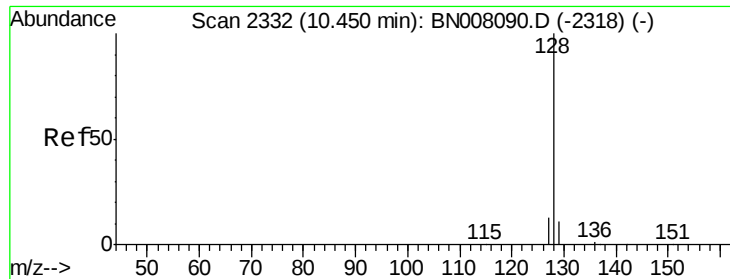
Instrument :
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JLM67

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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





#3

Naphthalene

Concen: 0.063 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008094.D

Acq: 12 Oct 2019 02:14

Instrument :

BNA_N

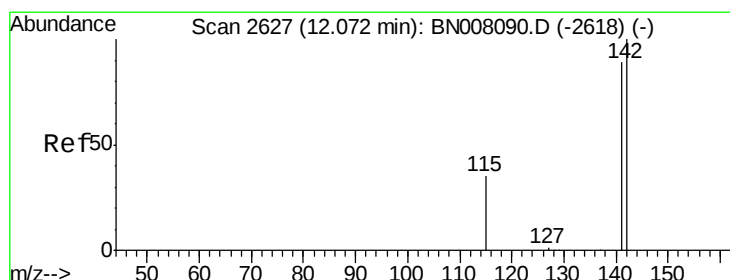
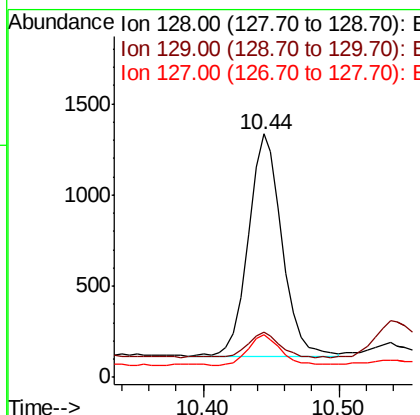
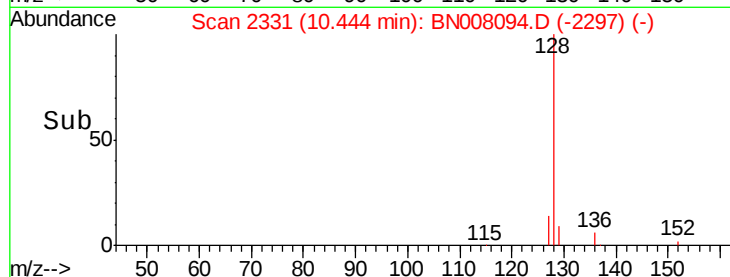
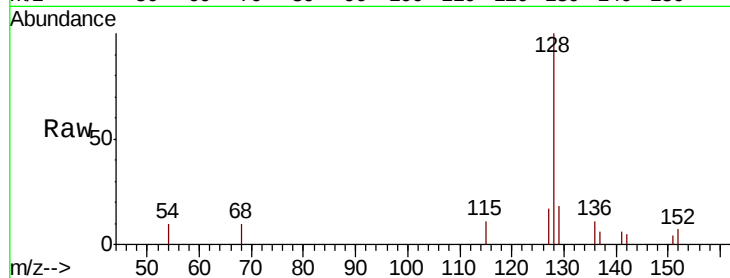
ClientSampleId :

JLM67

Tot Ion:	128	Resp:	2077
Ion Ratio	Lower	Upper	
128	100		
129	18.3	9.8	14.8#
127	17.4	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.039 ng/ul

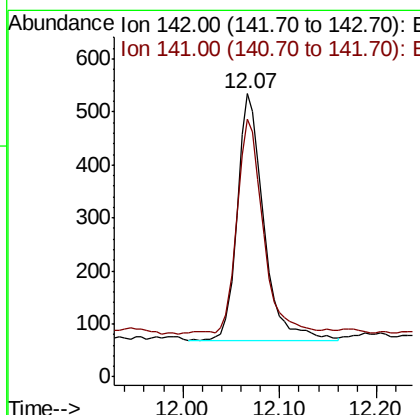
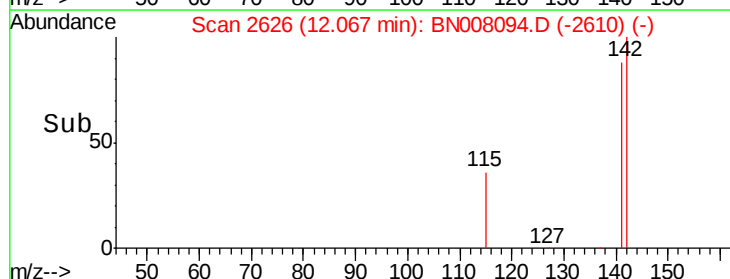
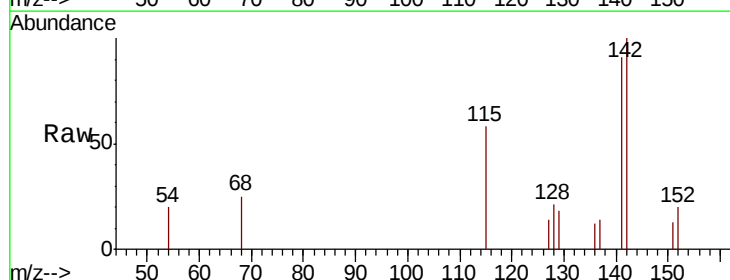
RT: 12.07 min Scan# 2626

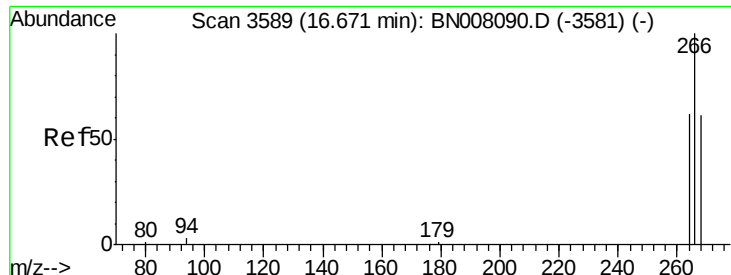
Delta R.T. -0.01 min

Lab File: BN008094.D

Acq: 12 Oct 2019 02:14

Tgt Ion:	142	Resp:	891
Ion Ratio	Lower	Upper	
142	100		
141	85.7	71.4	107.2





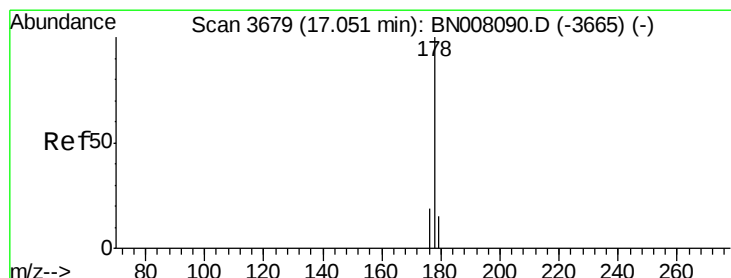
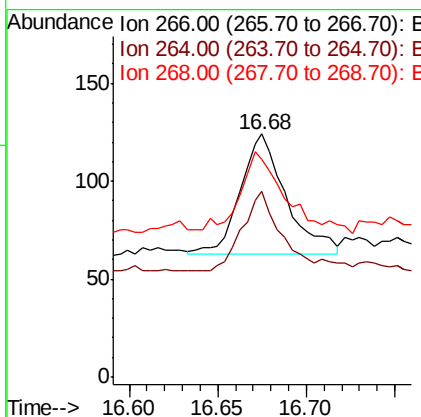
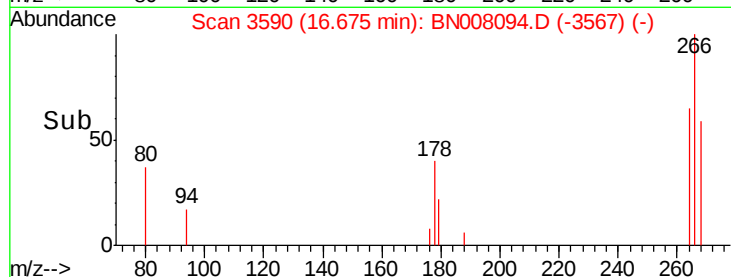
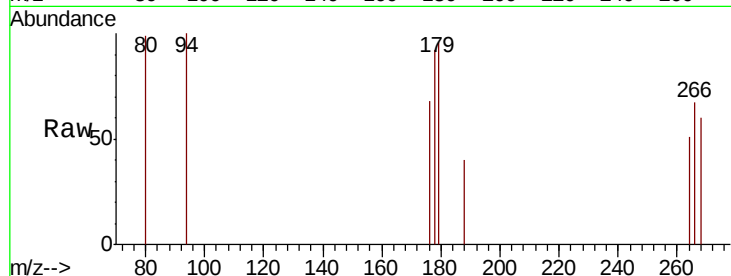
#11
 Pentachlorophenol
 Concen: 0.026 ng/ul m
 RT: 16.68 min Scan# 3590
 Delta R.T. -0.00 min
 Lab File: BN008094.D
 Acq: 12 Oct 2019 02:14

Instrument :
 BNA_N
 ClientSampleId :
 JLM67

Tot Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.1	75.1#
268	5.5	51.9	77.9#

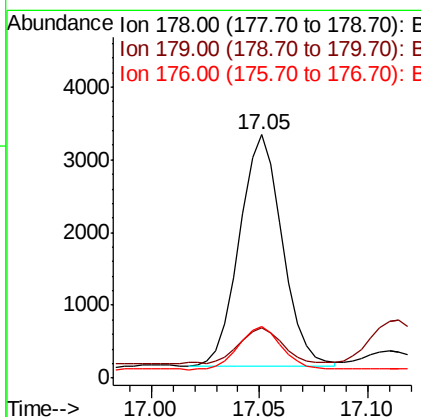
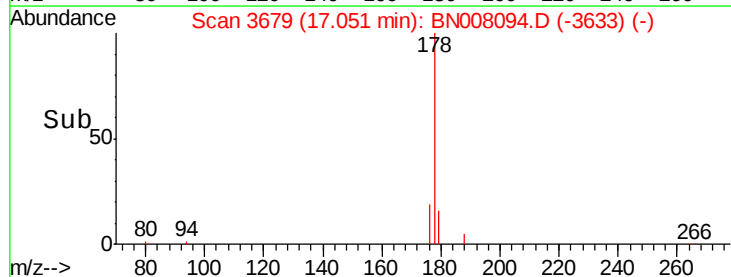
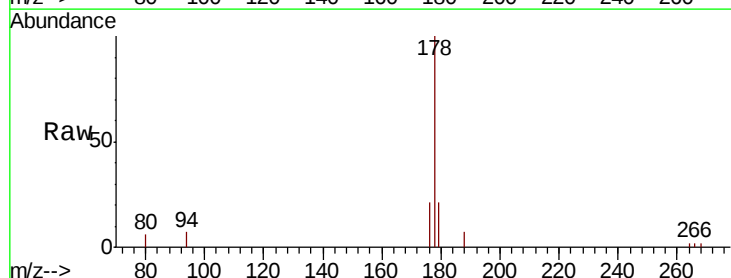
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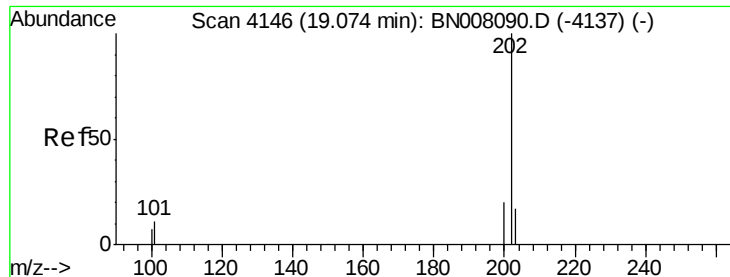
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#12
 Phenanthrene
 Concen: 0.088 ng/ul m
 RT: 17.05 min Scan# 3679
 Delta R.T. -0.00 min
 Lab File: BN008094.D
 Acq: 12 Oct 2019 02:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.8	12.8	19.2#
176	21.2	15.4	23.2





#15

Fluoranthene

Concen: 0.107 ng/ul m

RT: 19.07 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN008094.D

Acq: 12 Oct 2019 02:14

Instrument :

BNA_N

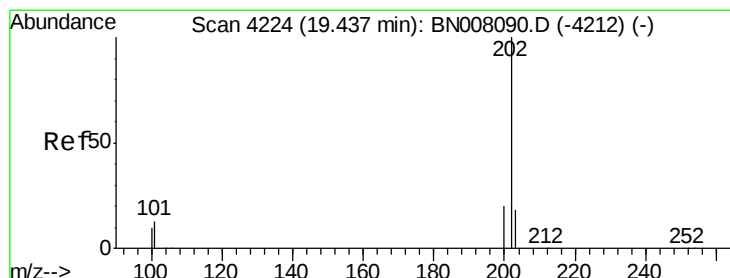
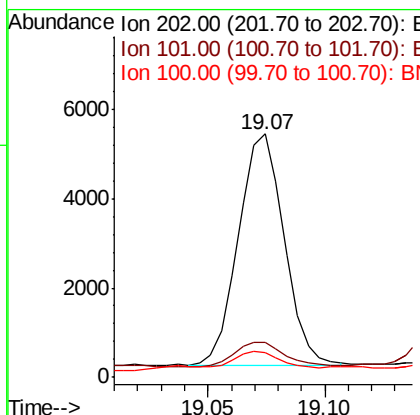
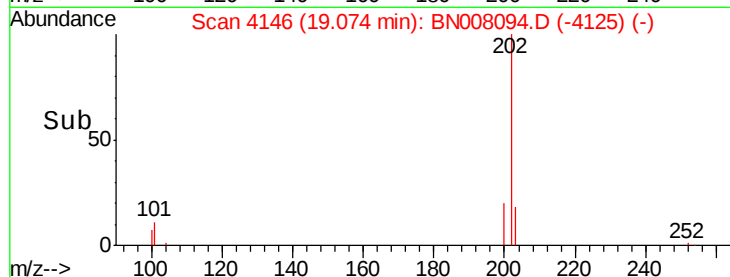
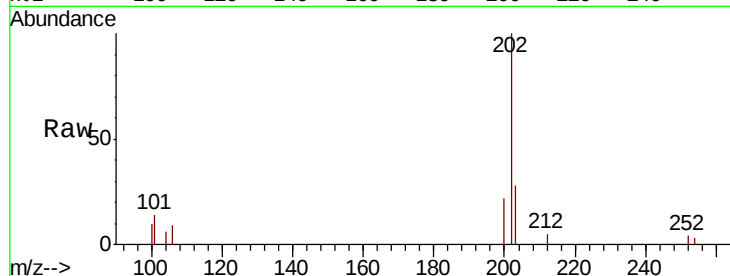
ClientSampleId :

JLM67

Tot Ion:	202	Resp:	7043
Ion Ratio	Lower	Upper	
202	100		
101	14.5	0.0	31.2
100	10.1	0.0	28.5

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#17

Pyrene

Concen: 0.102 ng/ul m

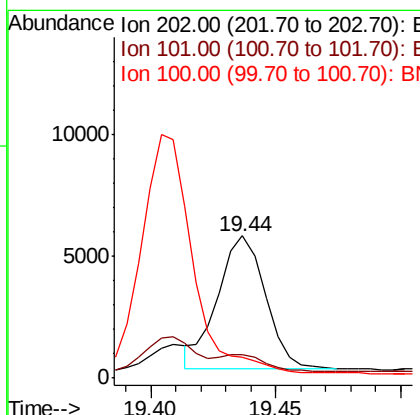
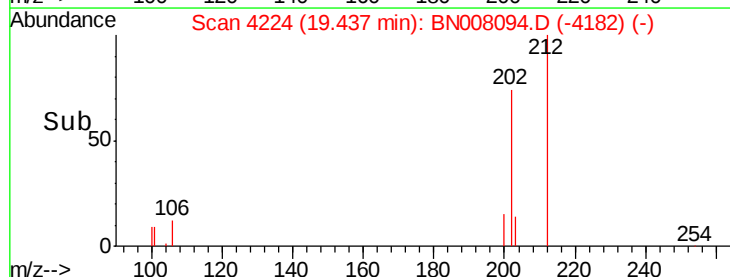
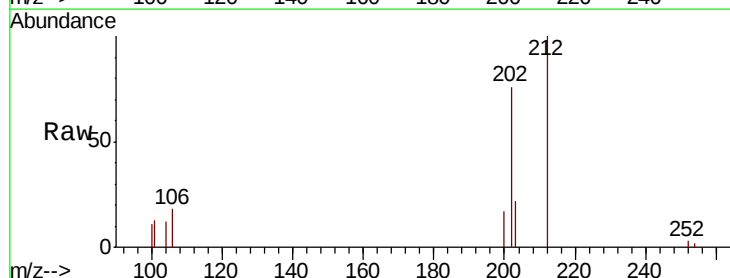
RT: 19.44 min Scan# 4224

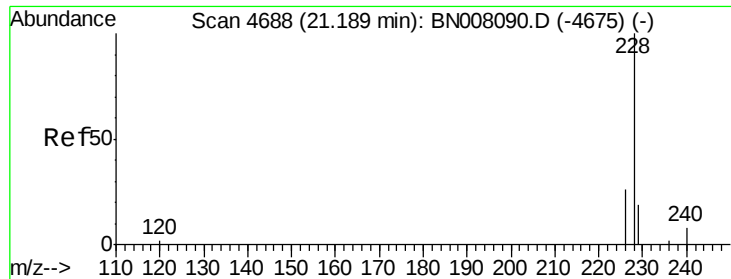
Delta R.T. -0.00 min

Lab File: BN008094.D

Acq: 12 Oct 2019 02:14

Tgt Ion:	202	Resp:	7165
Ion Ratio	Lower	Upper	
202	100		
101	16.5	10.9	16.3#
100	14.5	8.7	13.1#





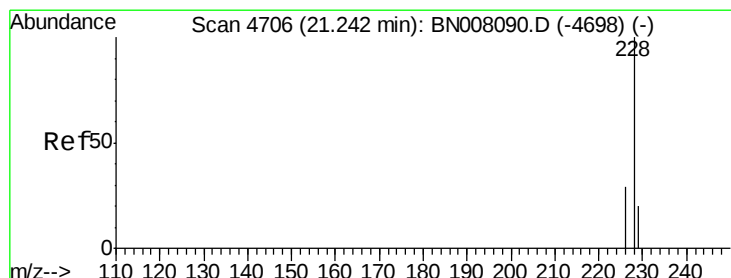
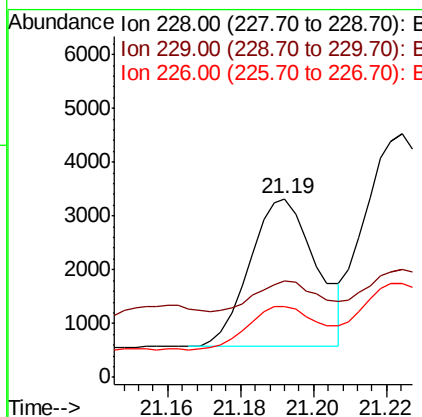
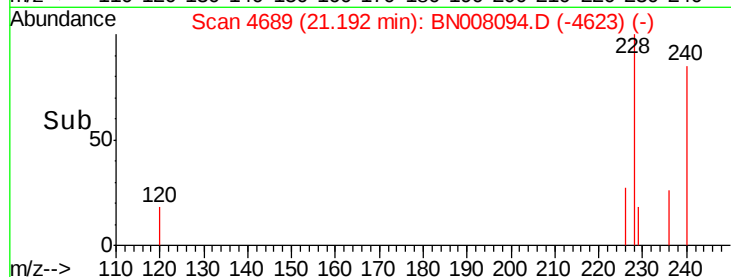
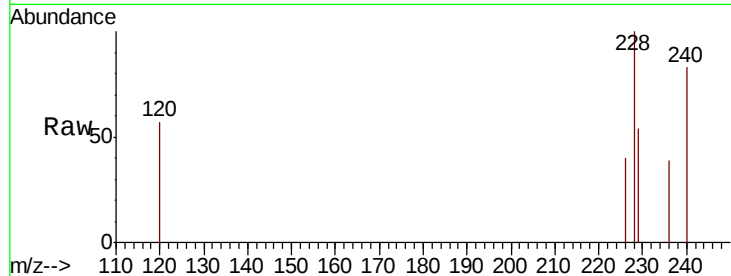
#18
Benzo(a)anthracene
Concen: 0.054 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.01 min
Lab File: BN008094.D
Acq: 12 Oct 2019 02:14

Instrument :
BNA_N
ClientSampleId :
JLM67

Tot Ion	Ratio	Lower	Upper
228	100		
229	54.0	16.2	24.2#
226	39.8	21.4	32.0#

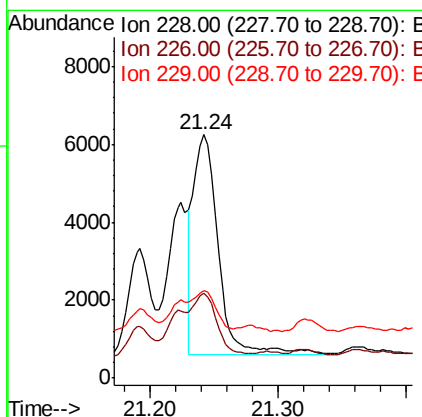
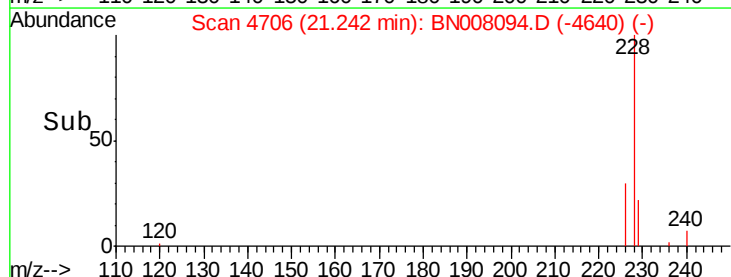
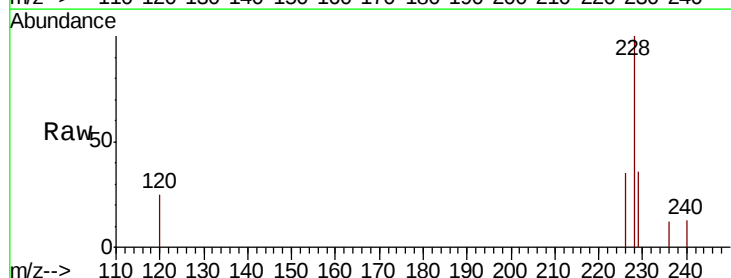
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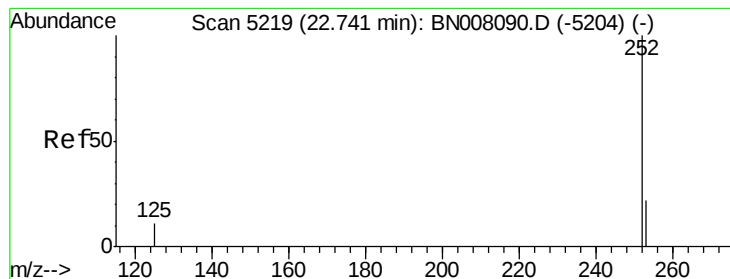
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#19
Chrysene
Concen: 0.096 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.01 min
Lab File: BN008094.D
Acq: 12 Oct 2019 02:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.0	24.1	36.1
229	36.0	16.2	24.2#





#21

Benzo(b)fluoranthene

Concen: 0.122 ng/ul m

RT: 22.75 min Scan# 5221

Delta R.T. -0.01 min

Lab File: BN008094.D

Acq: 12 Oct 2019 02:14

Instrument :

BNA_N

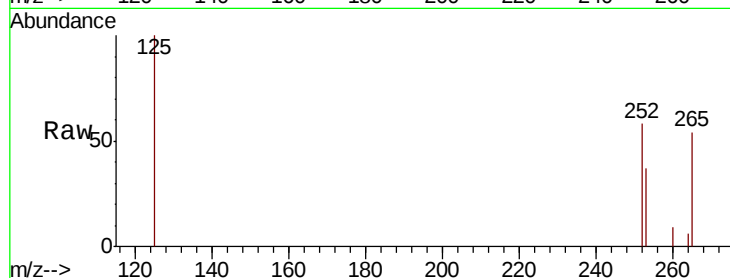
ClientSampleId :

JLM67

Tot Ion	Ratio	Lower	Upper
252	100		
253	64.3	0.0	53.4#
125	173.2	0.0	32.4#

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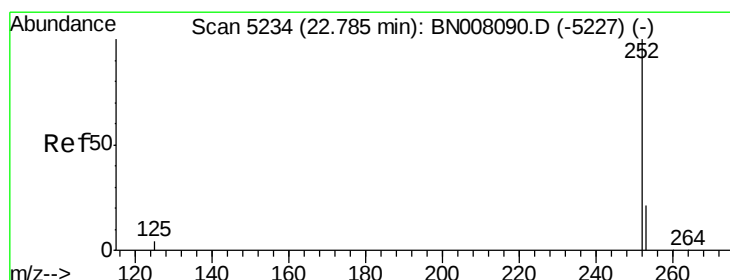
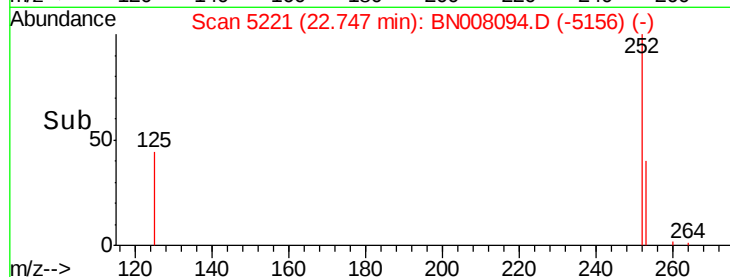
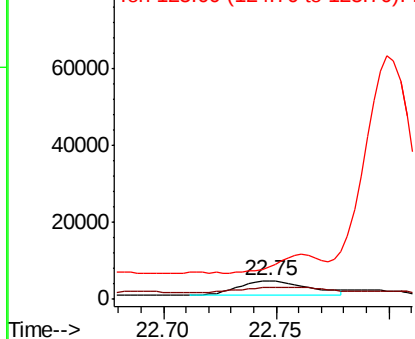


Abundance

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: 0.030 ng/ul m

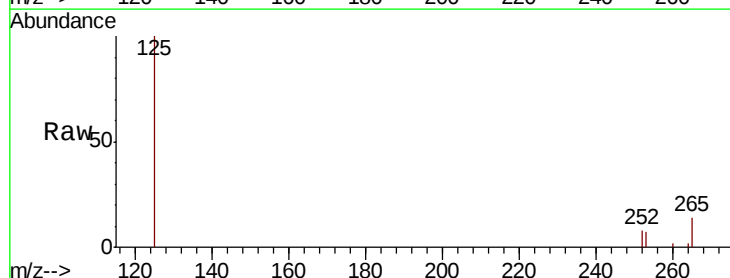
RT: 22.79 min Scan# 5235

Delta R.T. -0.01 min

Lab File: BN008094.D

Acq: 12 Oct 2019 02:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	84.3	21.3	31.9#
125	1292.5	12.3	18.5#

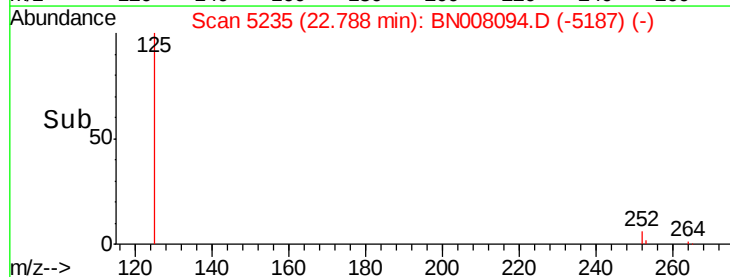
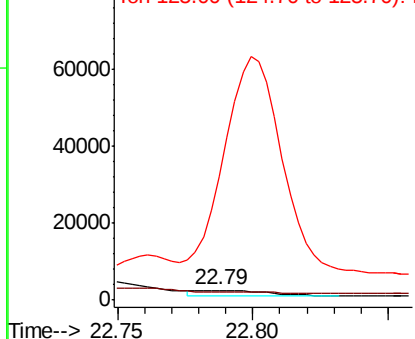


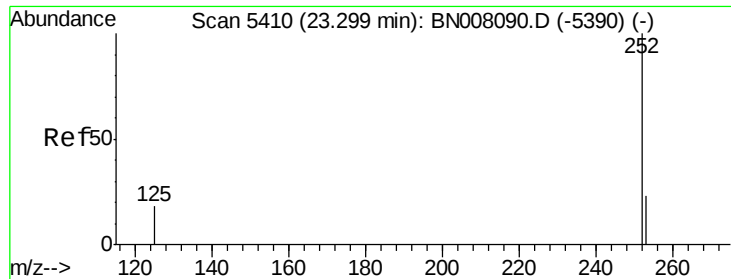
Abundance

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





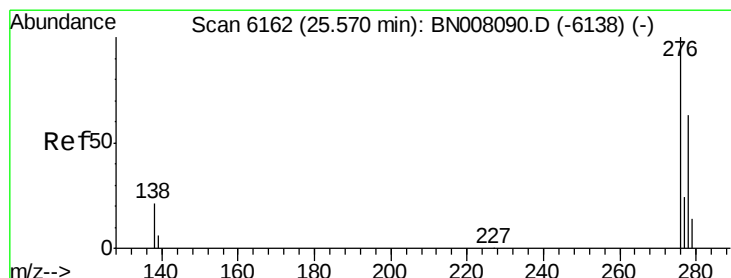
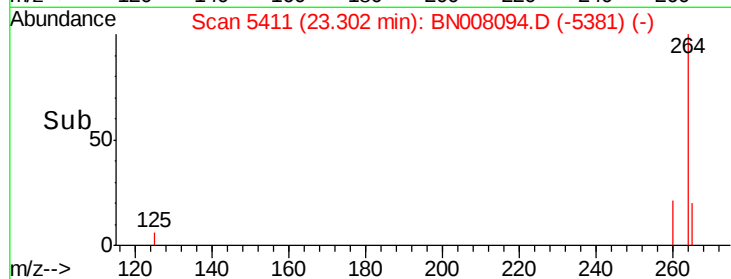
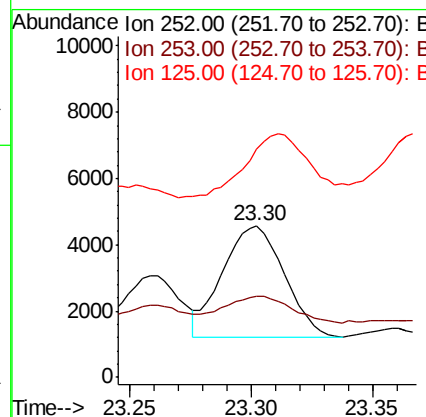
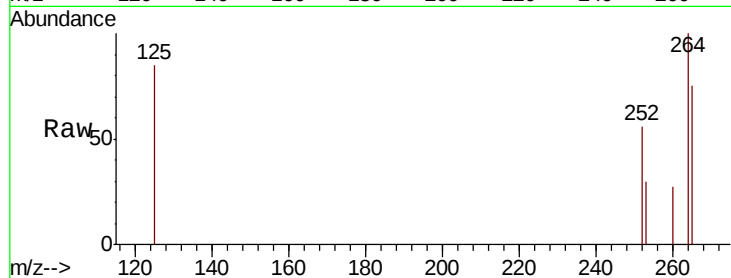
#23
Benzo(a)pyrene
Concen: 0.082 ng/ul
RT: 23.30 min Scan# 5411
Delta R.T. -0.01 min
Lab File: BN008094.D
Acq: 12 Oct 2019 02:14

Instrument :
BNA_N
ClientSampleId :
JLM67

Tot Ion	Ratio	Lower	Upper
252	100		
253	53.7	22.8	34.2#
125	150.6	18.4	27.6#

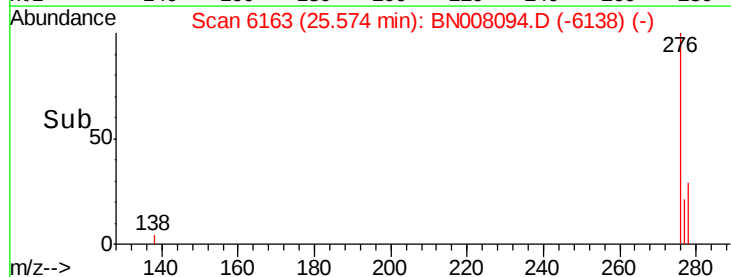
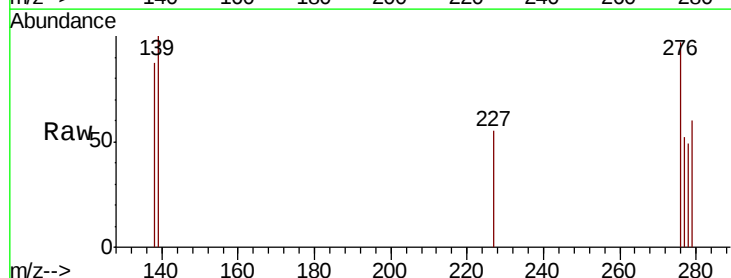
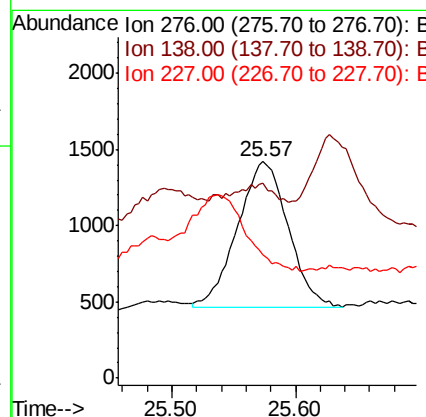
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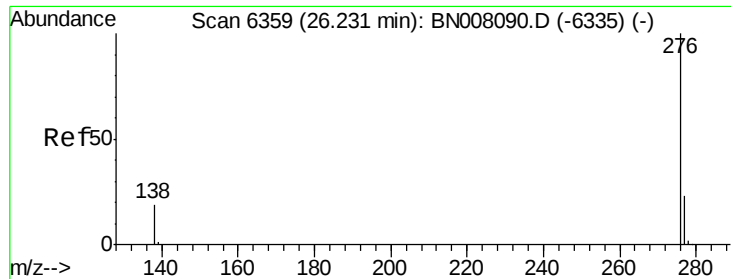
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.032 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.02 min
Lab File: BN008094.D
Acq: 12 Oct 2019 02:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.1	24.1#
227	0.0	0.2	0.2#





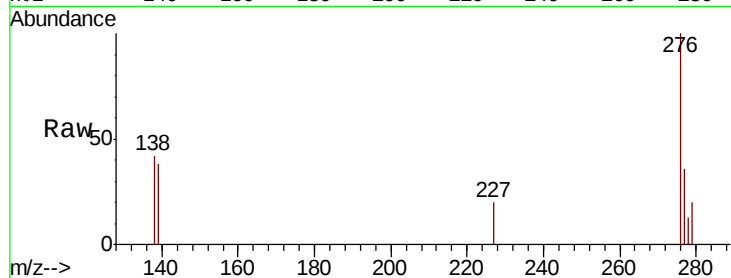
#26
Benzo(a,h,i)perylene
Concen: 0.109 ng/ul
RT: 26.24 min Scan# 6361
Delta R.T. -0.01 min
Lab File: BN008094.D
Acq: 12 Oct 2019 02:14

Instrument :
BNA_N
ClientSampleId :
JLM67

Tot Ion	Ratio	Lower	Upper
276	100		
138	42.4	17.0	25.4#
277	35.8	20.4	30.6#

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

