

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008092.D
 Acq On : 12 Oct 2019 01:03
 Operator : JU
 Sample : K5124-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM54

Manual Integrations
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mohammad
 10/15/2019 7:57:28 AM

Quant Time: Oct 13 01:17:41 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	3101	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	14208	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	9423	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	21570m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	22609m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	18358m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	5265	0.22	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	17507m	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	125939	3.114	ng/ul	97
5) 2-Methylnaphthalene	12.07	142	3469	0.125	ng/ul	99
7) Acenaphthylene	13.98	152	1444	0.032	ng/ul#	61
12) Phenanthrene	17.05	178	8787m	0.139	ng/ul	
15) Fluoranthene	19.07	202	10411m	0.125	ng/ul	
17) Pyrene	19.44	202	10313m	0.115	ng/ul	
18) Benzo(a)anthracene	21.19	228	13797m	0.168	ng/ul	
19) Chrysene	21.24	228	6444m	0.064	ng/ul	
21) Benzo(b)fluoranthene	22.75	252	8723m	0.146	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	2292m	0.034	ng/ul	
23) Benzo(a)pyrene	23.30	252	4713	0.075	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.62	276	5488	0.074	ng/ul#	83
26) Benzo(g,h,i)perylene	26.31	276	4968	0.073	ng/ul#	34

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

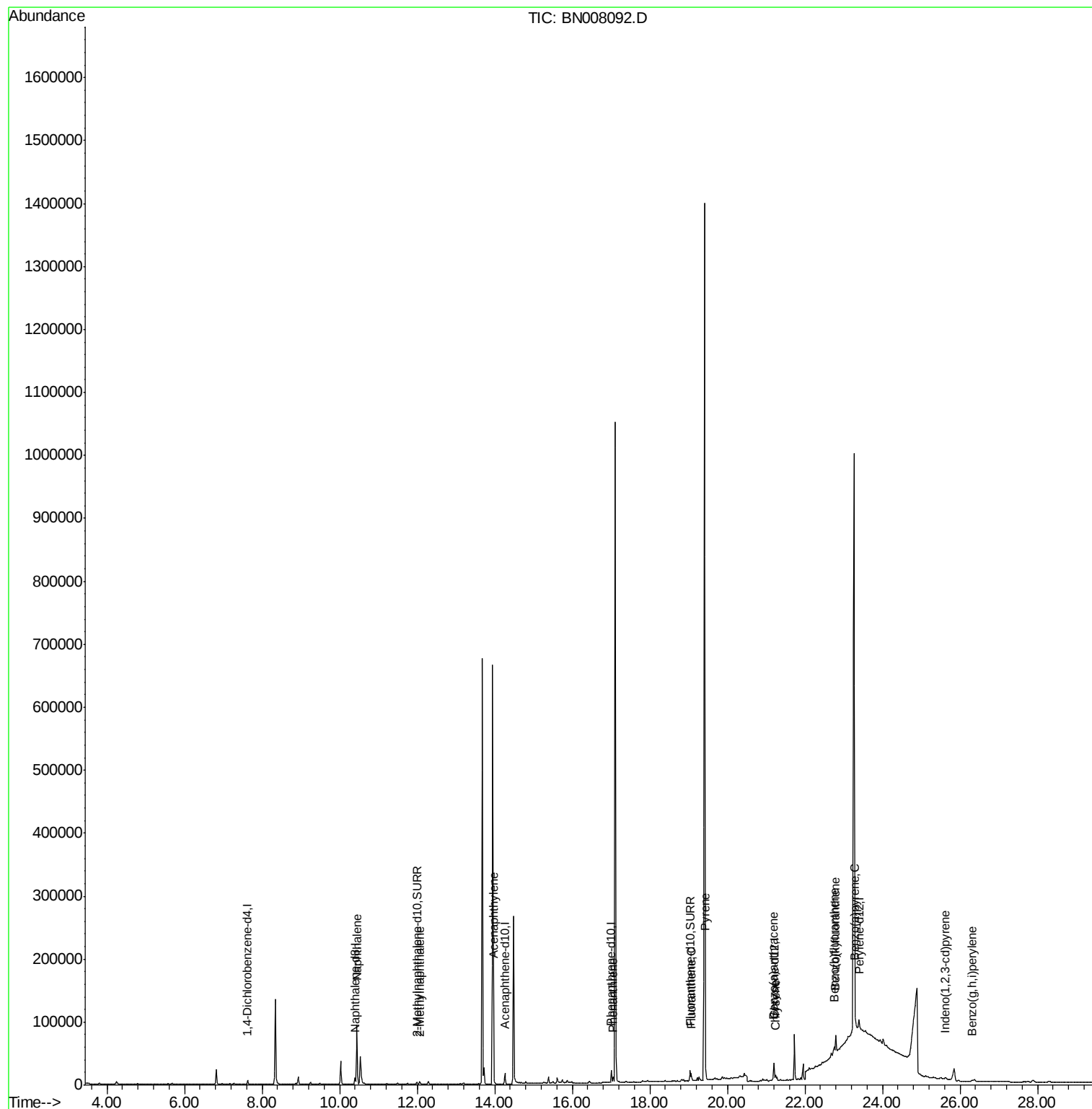
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008092.D
Acq On : 12 Oct 2019 01:03
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Sample : K5124-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

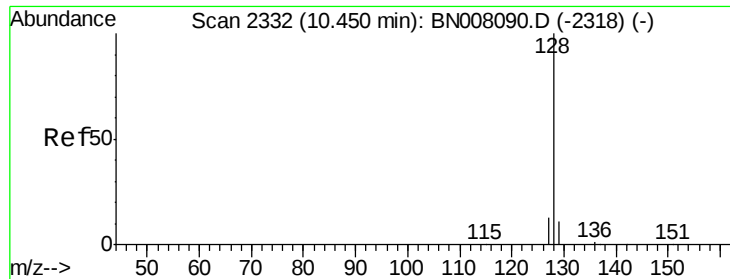
Instrument :
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#3

Naphthalene

Concen: 3.114 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008092.D

Acq: 12 Oct 2019 01:03

Instrument :

BNA_N

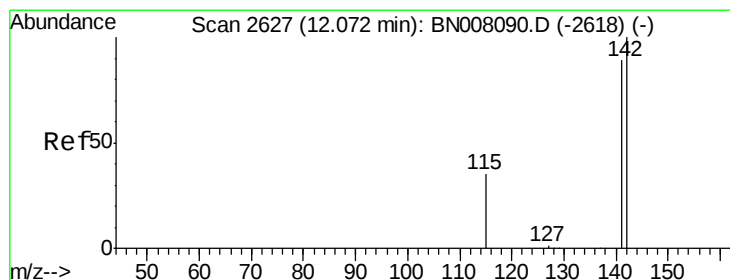
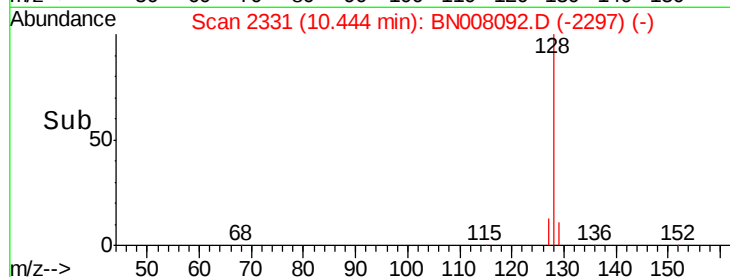
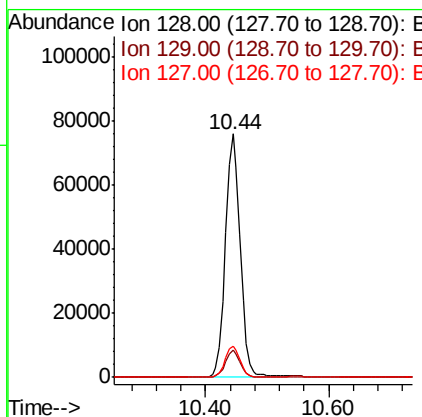
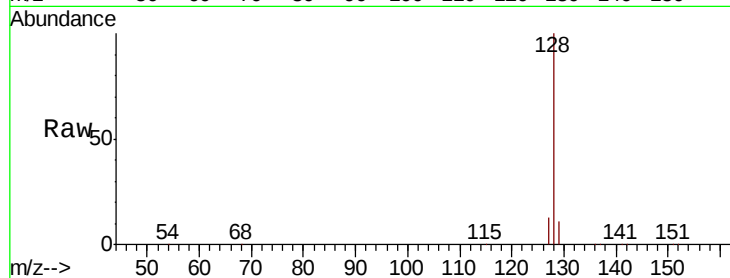
ClientSampleId :

JLM54

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.8
127	13.0	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.125 ng/ul

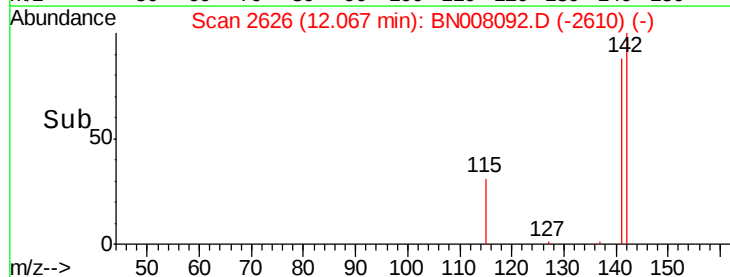
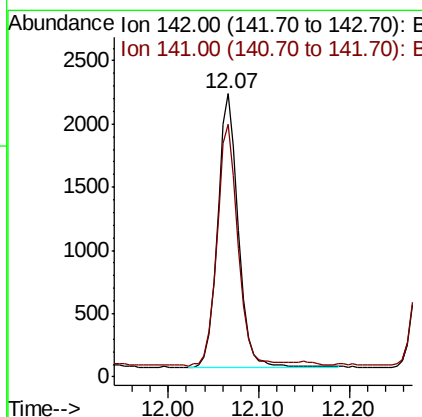
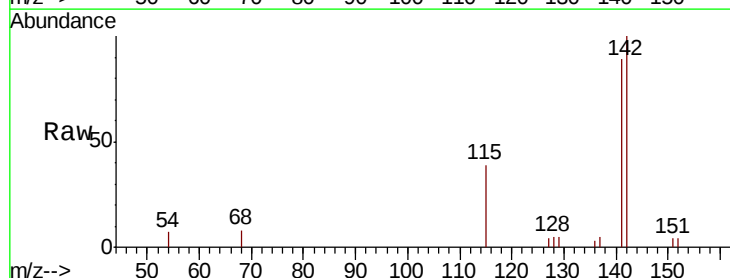
RT: 12.07 min Scan# 2626

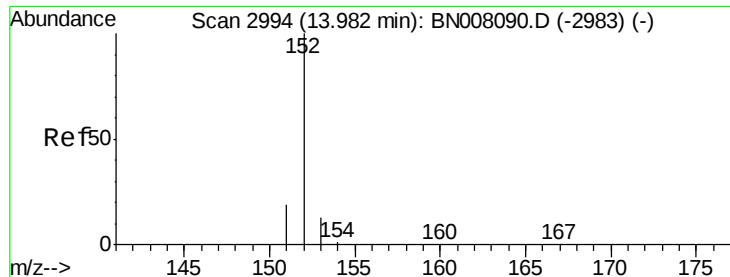
Delta R.T. -0.01 min

Lab File: BN008092.D

Acq: 12 Oct 2019 01:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2





#7

Acenaphthylene

Concen: 0.032 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008092.D

Acq: 12 Oct 2019 01:03

Instrument :

BNA_N

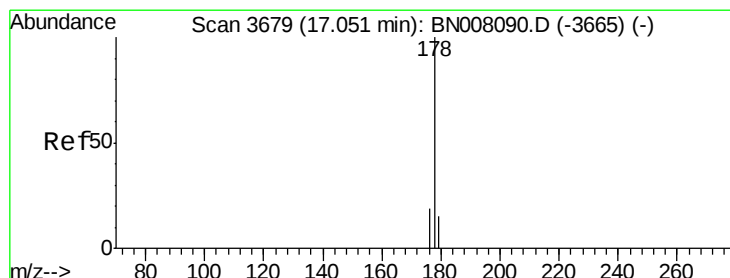
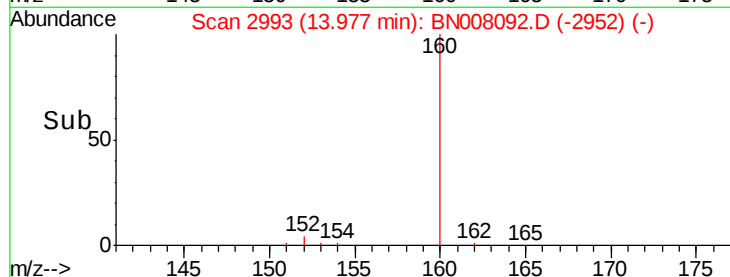
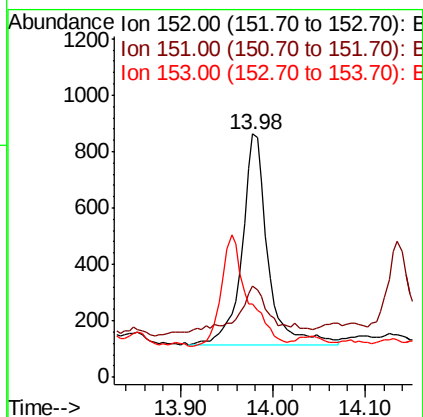
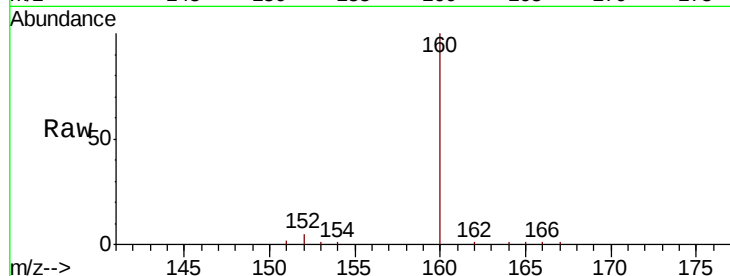
ClientSampleId :

JLM54

Tot Ion:	152	Resp:	1444
Ion Ratio	Lower	Upper	
152	100		
151	37.7	16.2	24.4#
153	30.2	11.0	16.4#

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#12

Phenanthrene

Concen: 0.139 ng/ul m

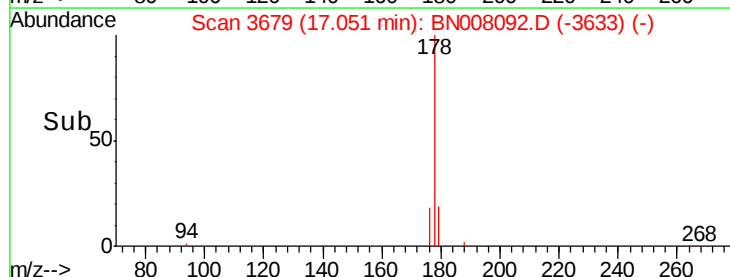
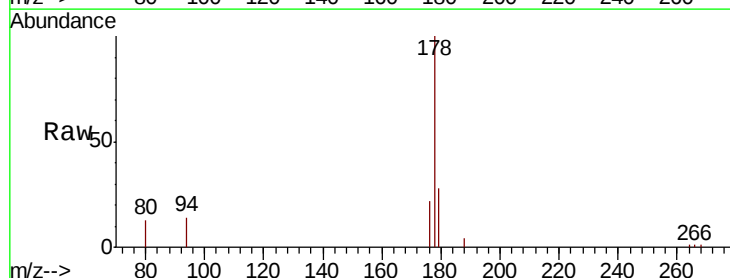
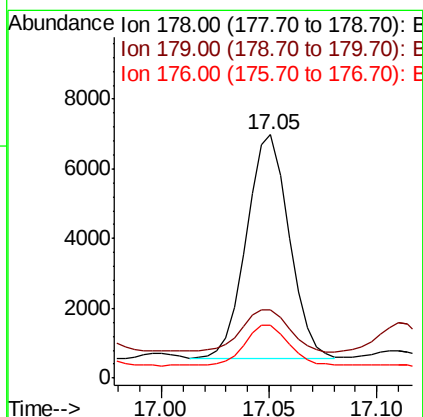
RT: 17.05 min Scan# 3679

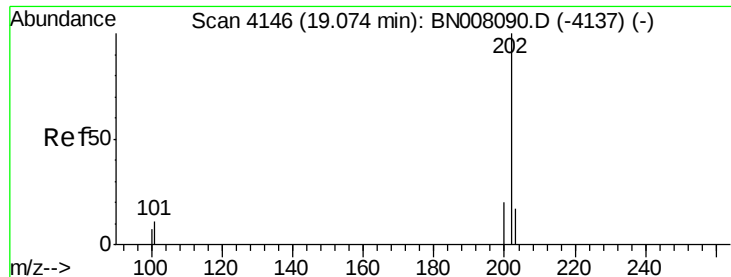
Delta R.T. -0.00 min

Lab File: BN008092.D

Acq: 12 Oct 2019 01:03

Tgt Ion:	178	Resp:	8787
Ion Ratio	Lower	Upper	
178	100		
179	28.2	12.8	19.2#
176	21.6	15.4	23.2





#15

Fluoranthene

Concen: 0.125 ng/ul m

RT: 19.07 min Scan# 4145

Delta R.T. -0.01 min

Lab File: BN008092.D

Acq: 12 Oct 2019 01:03

Instrument :

BNA_N

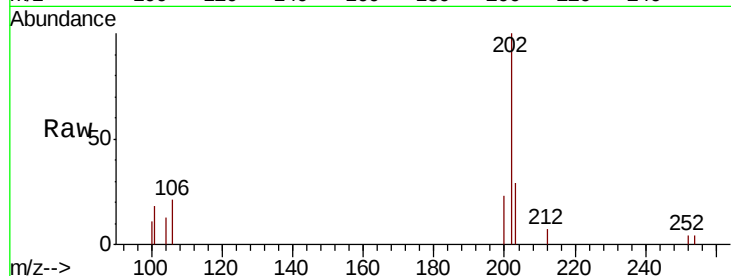
ClientSampleId :

JLM54

Tot Ion:202	Resp:	10411
Ion Ratio	Lower	Upper
202	100	
101	17.8	0.0 31.2
100	11.2	0.0 28.5

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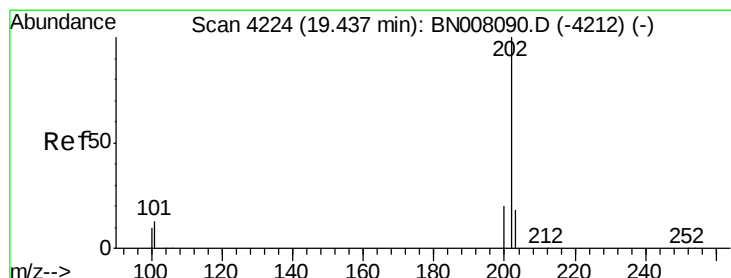
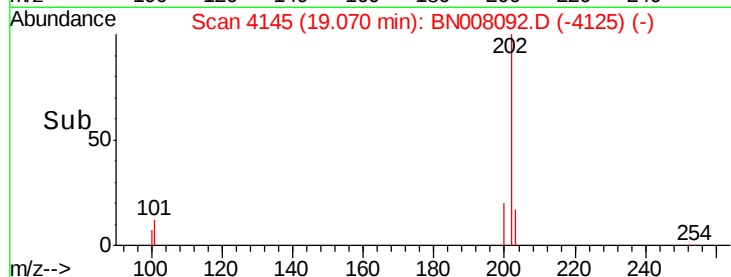
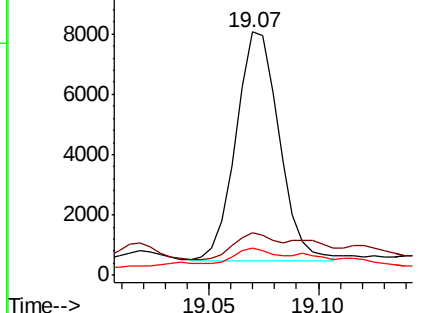
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.115 ng/ul m

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN008092.D

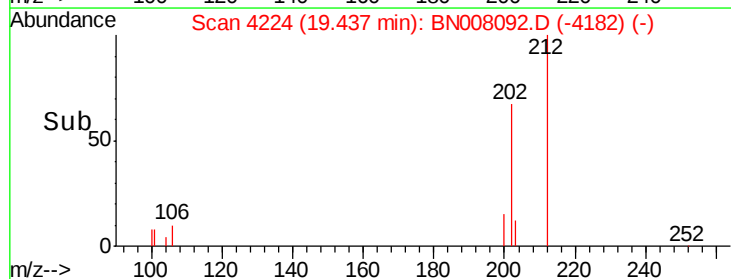
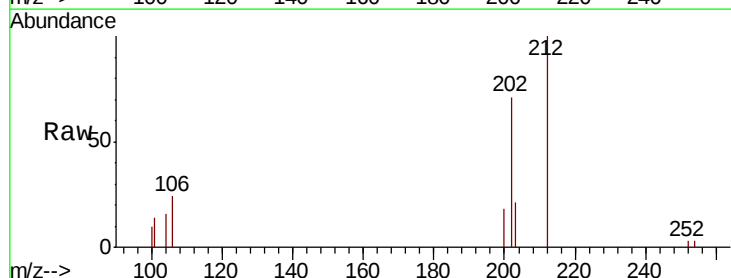
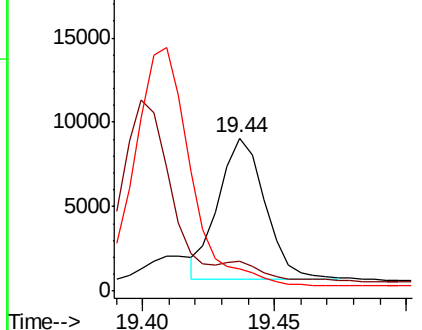
Acq: 12 Oct 2019 01:03

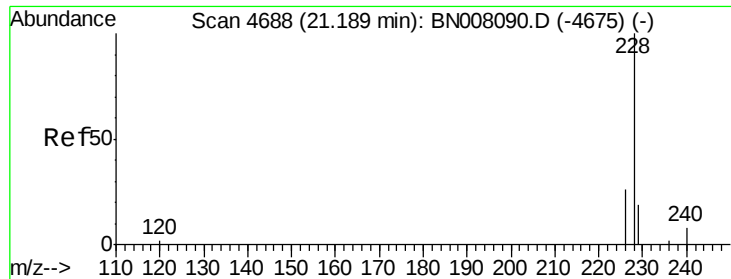
Tgt Ion:202	Resp:	10313
Ion Ratio	Lower	Upper
202	100	
101	19.6	10.9 16.3#
100	14.7	8.7 13.1#

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





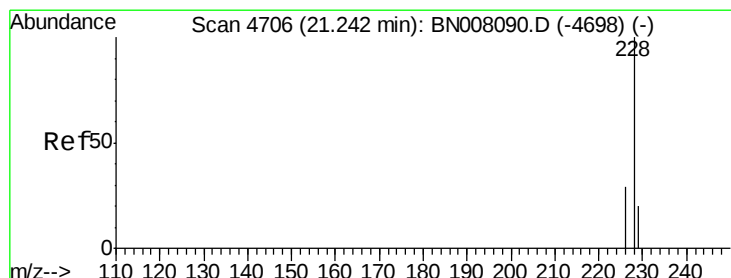
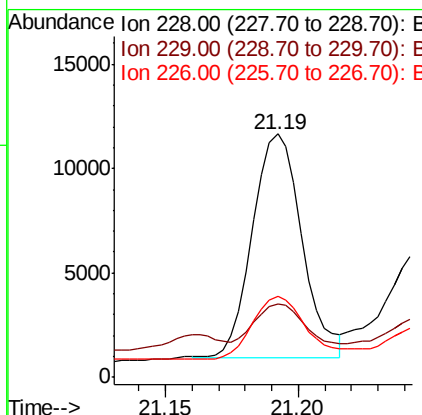
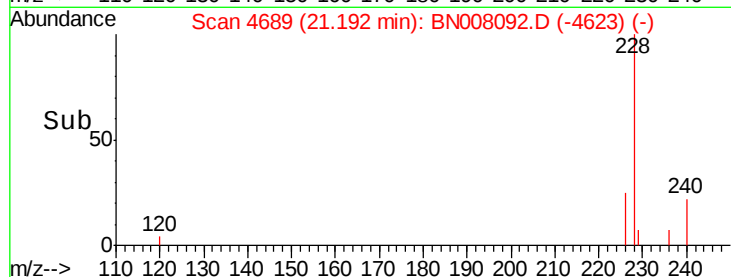
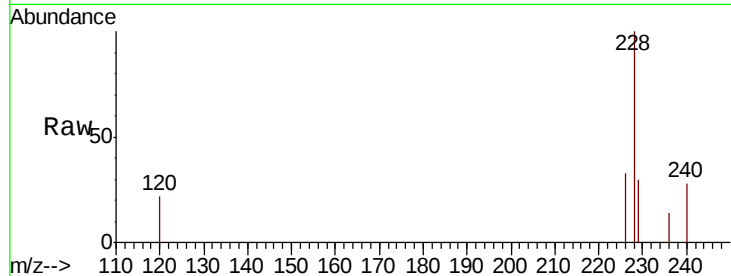
#18
Benzo(a)anthracene
Concen: 0.168 ng/ul m
RT: 21.19 min Scan# 4689
Delta R.T. -0.01 min
Lab File: BN008092.D
Acq: 12 Oct 2019 01:03

Instrument :
BNA_N
ClientSampleId :
JLM54

Tot Ion	Ratio	Lower	Upper
228	100		
229	30.3	16.2	24.2#
226	33.2	21.4	32.0#

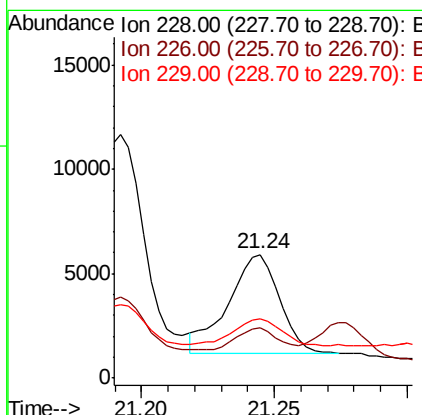
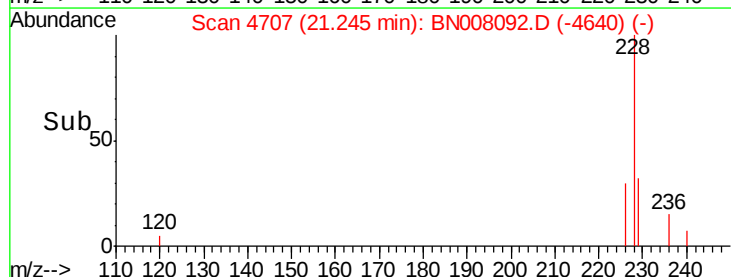
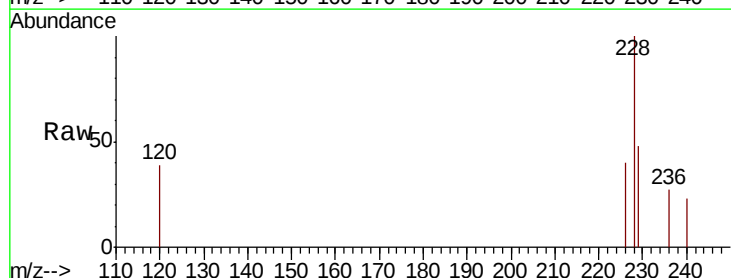
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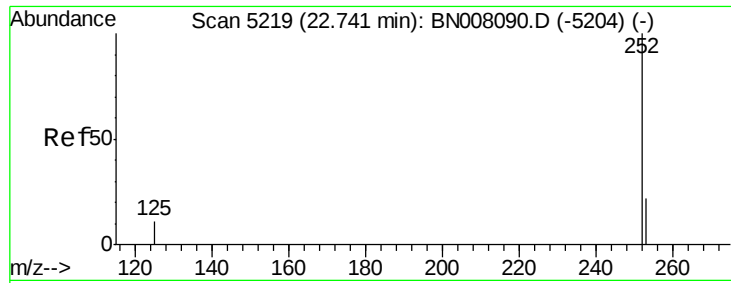
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#19
Chrysene
Concen: 0.064 ng/ul m
RT: 21.24 min Scan# 4707
Delta R.T. -0.01 min
Lab File: BN008092.D
Acq: 12 Oct 2019 01:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.4	24.1	36.1#
229	48.3	16.2	24.2#





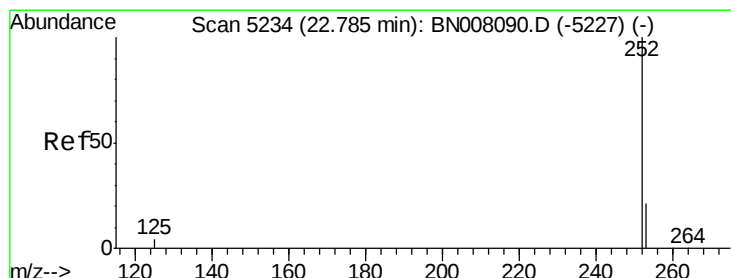
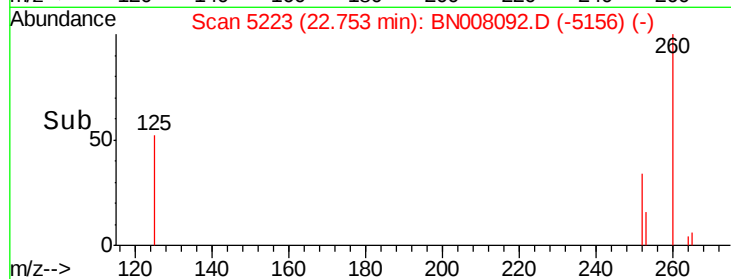
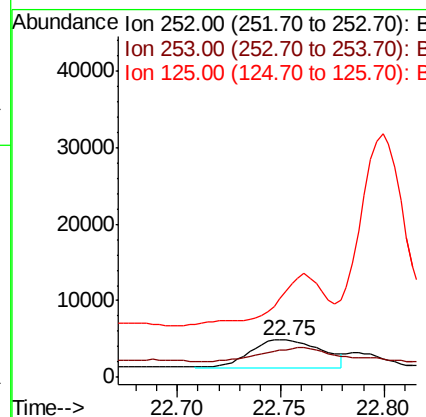
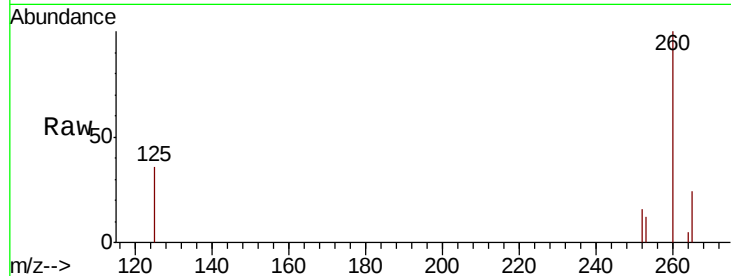
#21
Benzo(b)fluoranthene
Concen: 0.146 ng/ul m
RT: 22.75 min Scan# 5223
Delta R.T. -0.00 min
Lab File: BN008092.D
Acq: 12 Oct 2019 01:03

Instrument :
BNA_N
ClientSampleId :
JLM54

Tot Ion	Ratio	Lower	Upper
252	100		
253	73.6	0.0	53.4#
125	230.0	0.0	32.4#

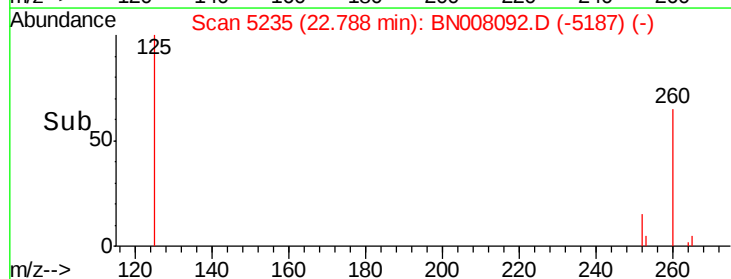
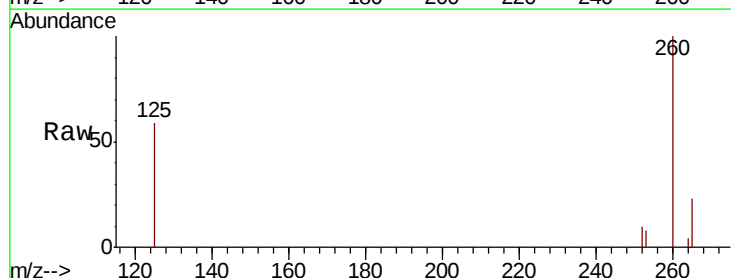
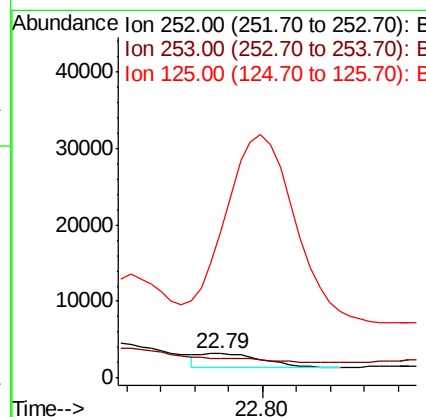
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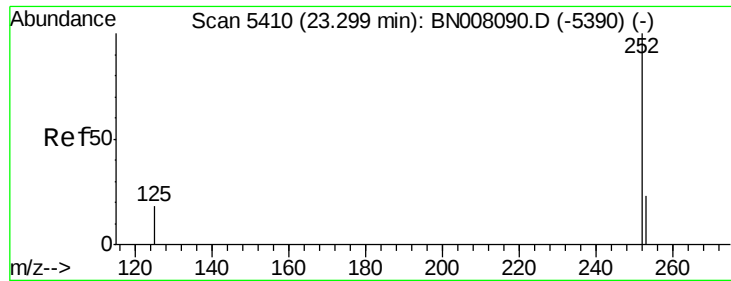
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#22
Benzo(k)fluoranthene
Concen: 0.034 ng/ul m
RT: 22.79 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN008092.D
Acq: 12 Oct 2019 01:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	81.1	21.3	31.9#
125	596.6	12.3	18.5#





#23

Benzo(a)pyrene

Concen: 0.075 ng/ul

RT: 23.30 min Scan# 5411

Delta R.T. -0.01 min

Lab File: BN008092.D

Acq: 12 Oct 2019 01:03

Instrument :

BNA_N

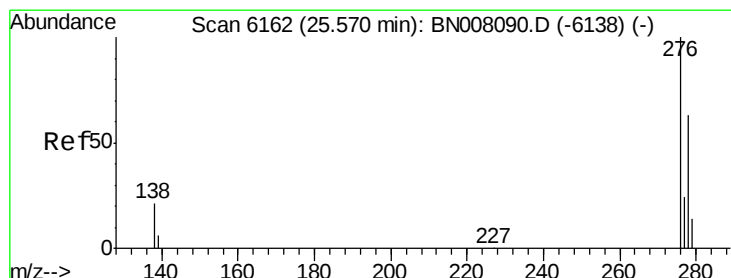
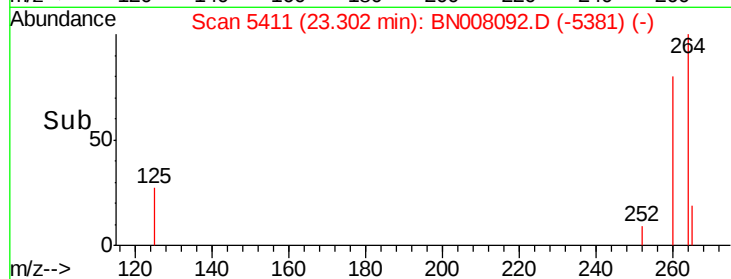
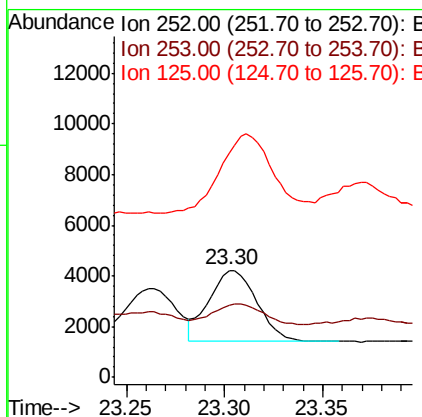
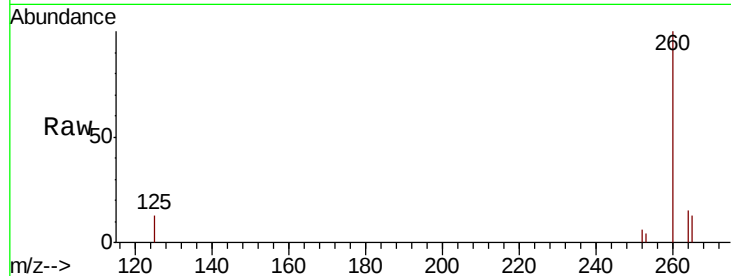
ClientSampleId :

JLM54

Tot Ion	Ratio	Lower	Upper
252	100		
253	67.8	22.8	34.2#
125	209.3	18.4	27.6#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.074 ng/ul

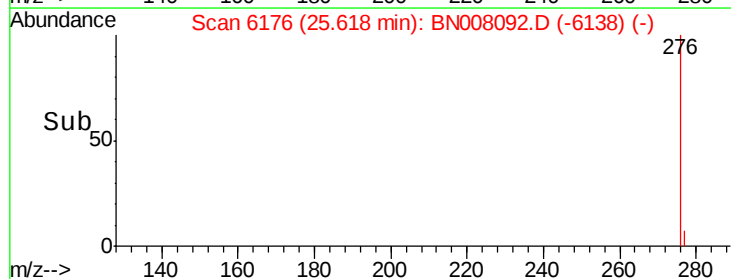
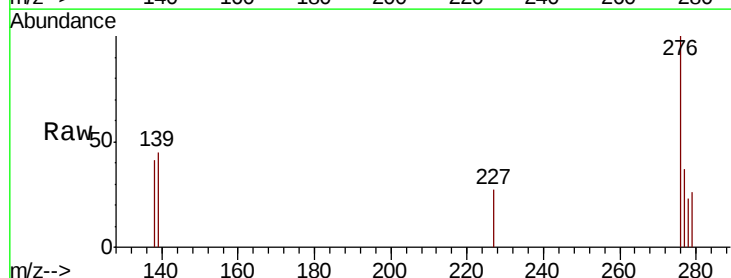
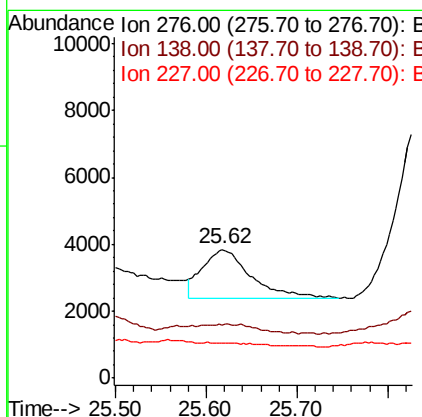
RT: 25.62 min Scan# 6176

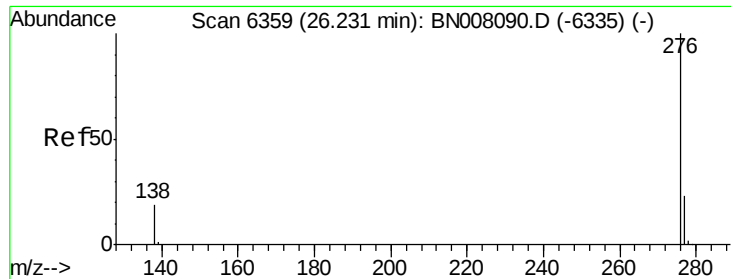
Delta R.T. 0.03 min

Lab File: BN008092.D

Acq: 12 Oct 2019 01:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	16.1	24.1#
227	0.0	0.2	0.2#





#26
Benzo(a,h,i)perylene
Concen: 0.073 ng/ul
RT: 26.31 min Scan# 6381
Delta R.T. 0.05 min
Lab File: BN008092.D
Acq: 12 Oct 2019 01:03

Instrument :
BNA_N
ClientSampleId :
JLM54

Tot Ion	Ratio	Lower	Upper
276	100		
138	65.1	17.0	25.4#
277	47.5	20.4	30.6#

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