

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008093.D
 Acq On : 12 Oct 2019 01:39
 Operator : JU
 Sample : K5124-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM66

Manual Integrations
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mohammad
 10/15/2019 7:57:33 AM

Quant Time: Oct 13 01:23:15 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	1952	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	9188	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	5998	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	13886m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	14880m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	18910	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3232	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	10695m	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	718	0.027	ng/ul#	66
5) 2-Methylnaphthalene	12.07	142	544	0.030	ng/ul	95
7) Acenaphthylene	13.98	152	1113	0.039	ng/ul#	79
8) Acenaphthene	14.32	153	641	0.029	ng/ul#	93
9) Fluorene	15.31	166	1060	0.042	ng/ul#	87
11) Pentachlorophenol	16.67	266	318m	0.095	ng/ul	
12) Phenanthrene	17.05	178	3531m	0.087	ng/ul	
13) Anthracene	17.14	178	1914m	0.053	ng/ul	
15) Fluoranthene	19.07	202	4853m	0.090	ng/ul	
17) Pyrene	19.44	202	5782m	0.098	ng/ul	
18) Benzo(a)anthracene	21.19	228	4418	0.082	ng/ul#	55
19) Chrysene	21.24	228	6826	0.103	ng/ul#	66
21) Benzo(b)fluoranthene	22.75	252	8077	0.131	ng/ul#	1
22) Benzo(k)fluoranthene	22.79	252	4735	0.068	ng/ul#	1
23) Benzo(a)pyrene	23.31	252	5195	0.080	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.58	276	6332	0.083	ng/ul#	41
25) Dibenzo(a,h)anthracene	25.59	278	4100	0.068	ng/ul#	1
26) Benzo(g,h,i)perylene	26.24	276	13253	0.189	ng/ul#	78

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

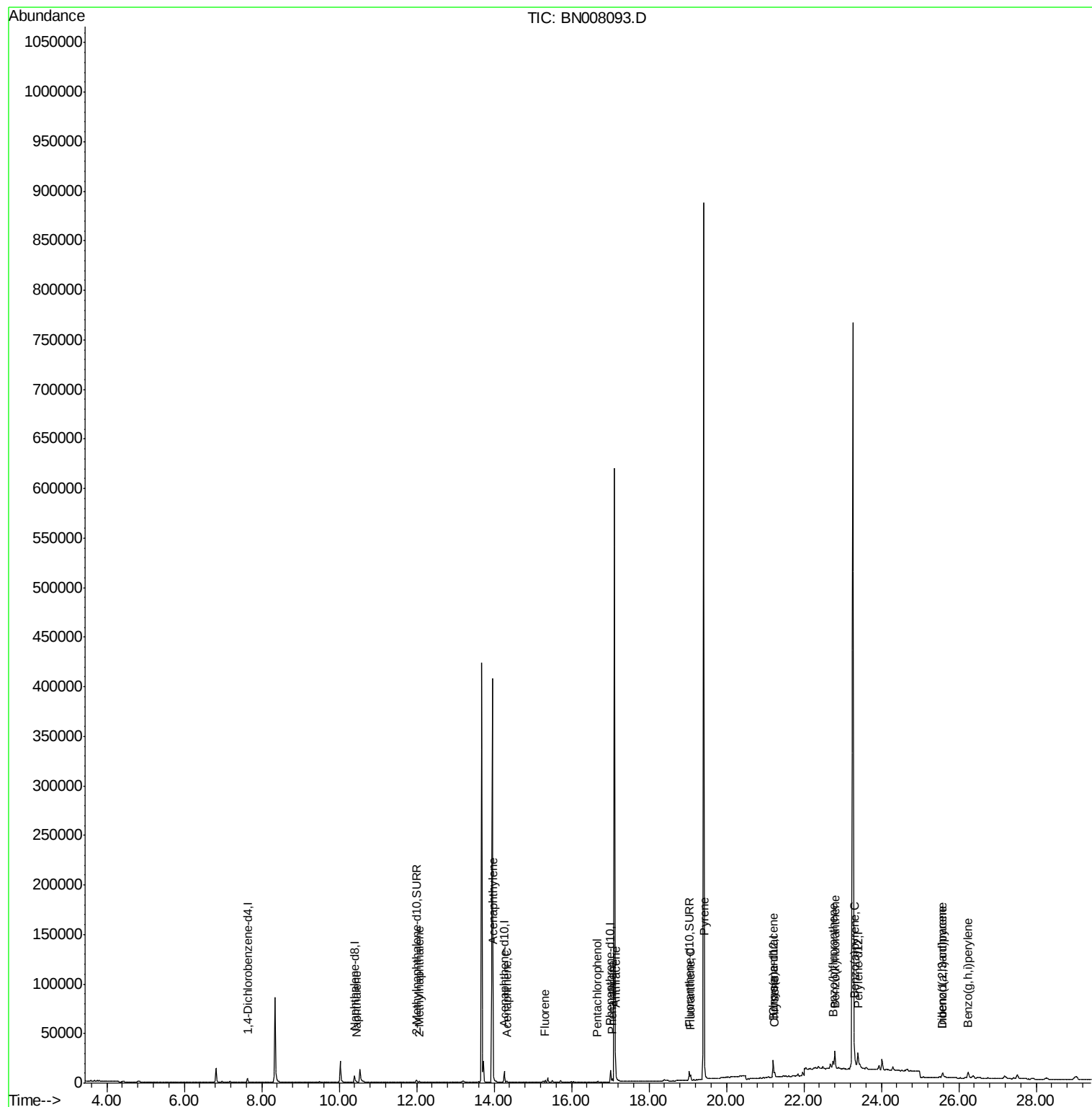
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008093.D
Acq On : 12 Oct 2019 01:39
Operator : JU
Sample : K5124-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

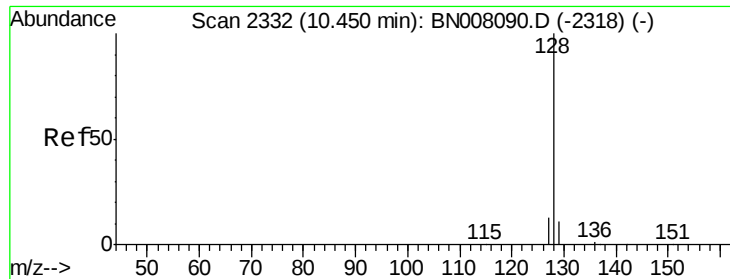
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Fri Oct 11 19:05:54 2019
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#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

Instrument :

BNA_N

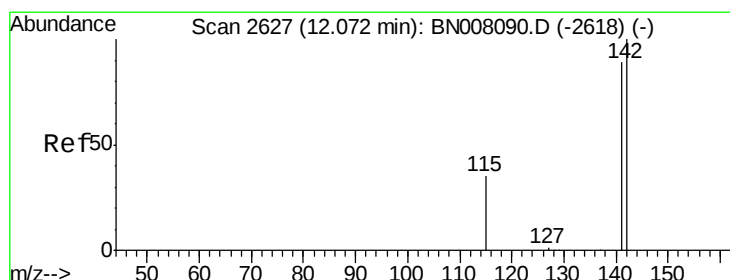
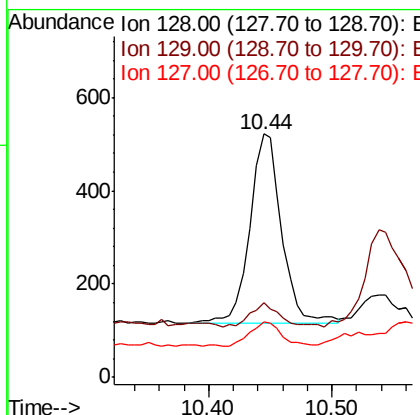
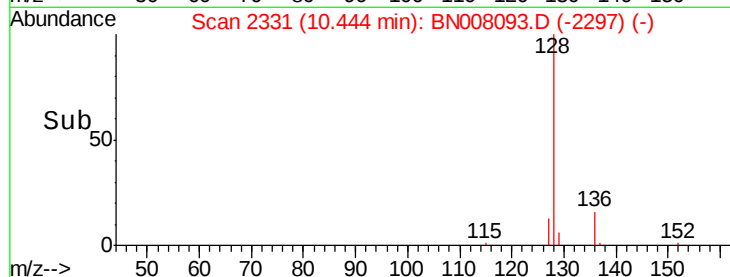
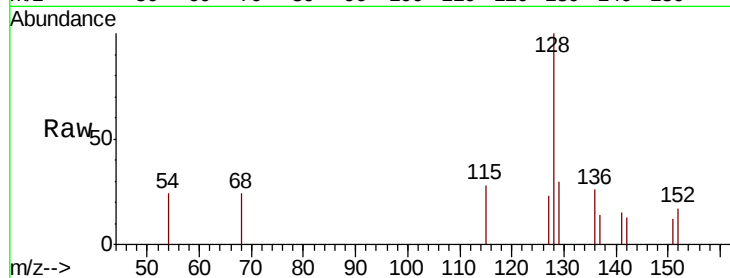
ClientSampleId :

JLM66

Tot Ion:	128	Resp:	718
Ion Ratio	Lower	Upper	
128	100		
129	30.5	9.8	14.8#
127	23.0	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

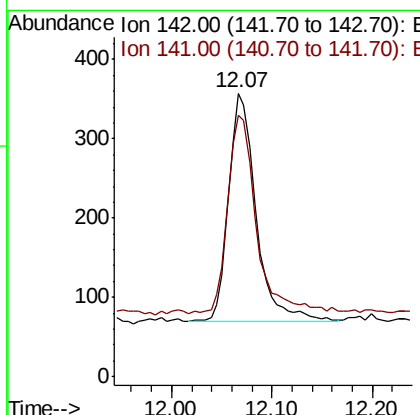
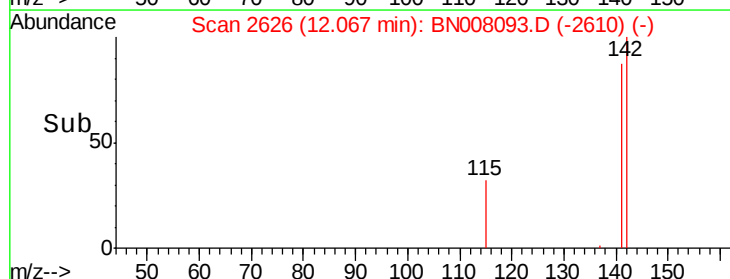
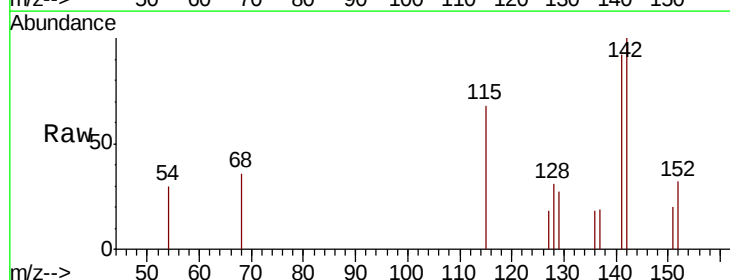
RT: 12.07 min Scan# 2626

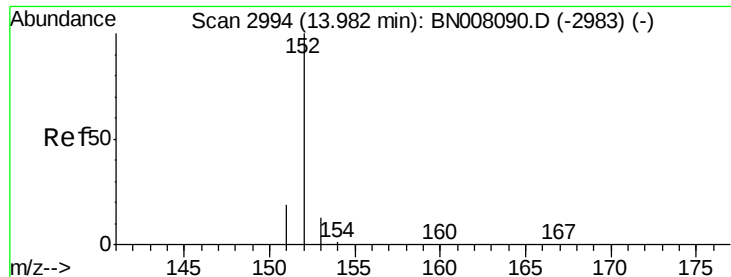
Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

Tgt Ion:	142	Resp:	544
Ion Ratio	Lower	Upper	
142	100		
141	93.6	71.4	107.2





#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

Instrument :

BNA_N

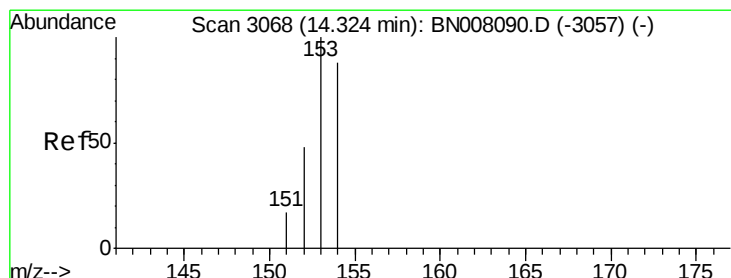
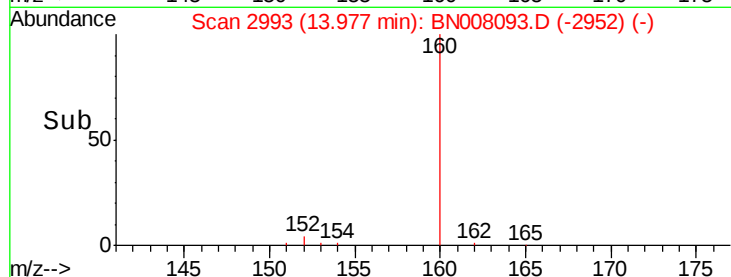
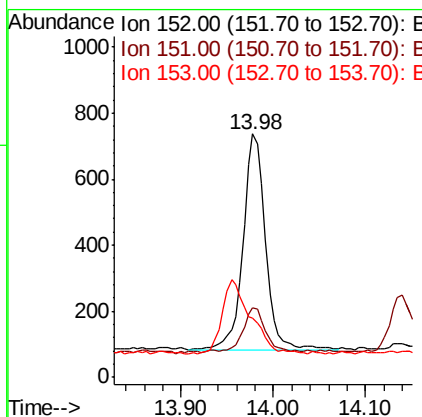
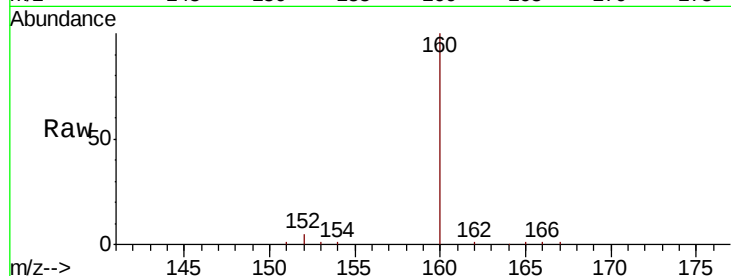
ClientSampleId :

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Tot Ion:	152	Resp:	1113
Ion Ratio	Lower	Upper	
152	100		
151	28.4	16.2	24.4#
153	24.4	11.0	16.4#

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#8

Acenaphthene

Concen: 0.029 ng/ul

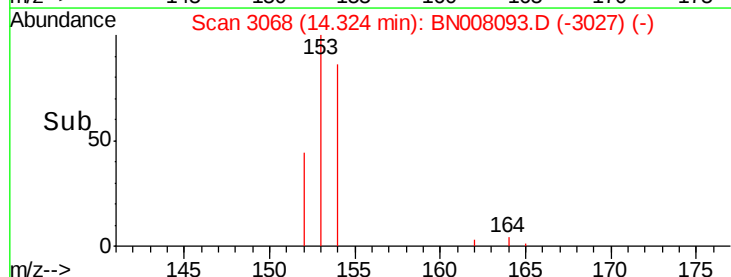
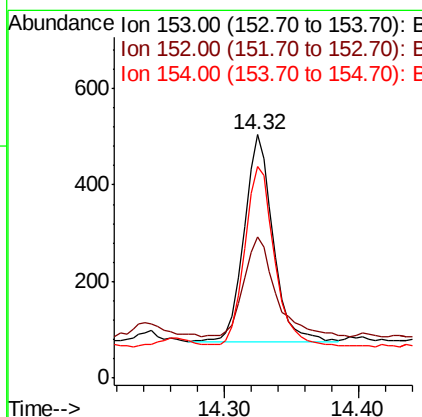
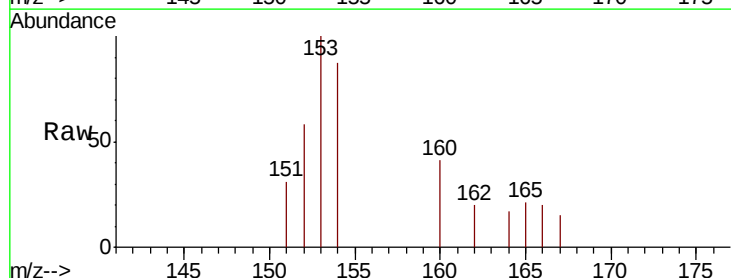
RT: 14.32 min Scan# 3068

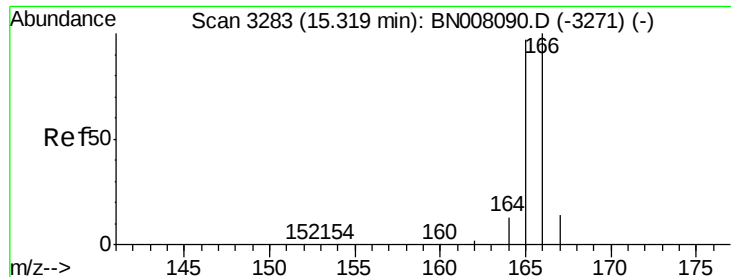
Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

Tgt Ion:	153	Resp:	641
Ion Ratio	Lower	Upper	
153	100		
152	57.9	38.2	57.2#
154	86.9	71.8	107.8





#9

Fluorene

Concen: 0.042 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

Instrument :

BNA_N

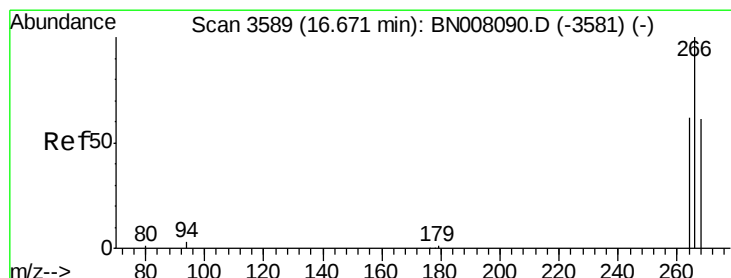
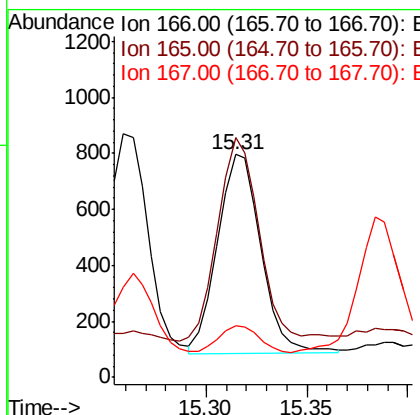
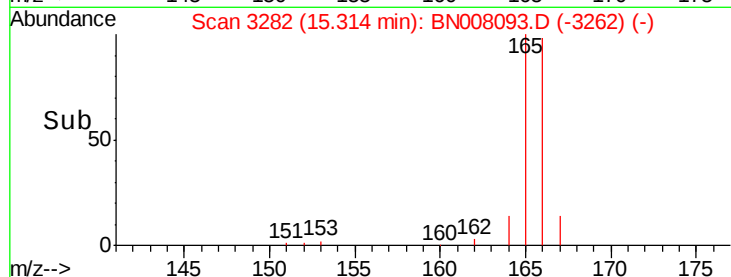
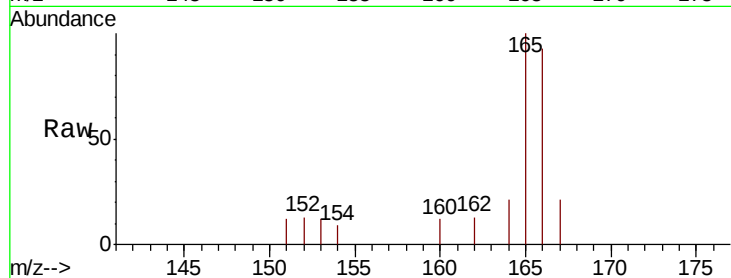
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Tot Ion	Ratio	Lower	Upper
166	100		
165	107.4	76.6	115.0
167	23.0	11.7	17.5

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#11

Pentachlorophenol

Concen: 0.095 ng/ul m

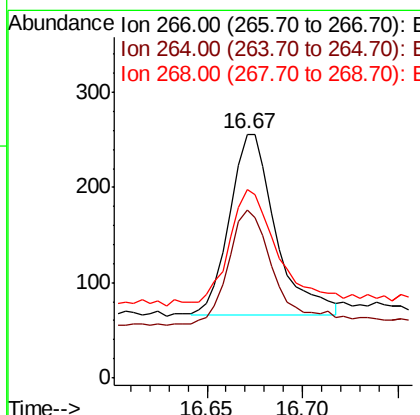
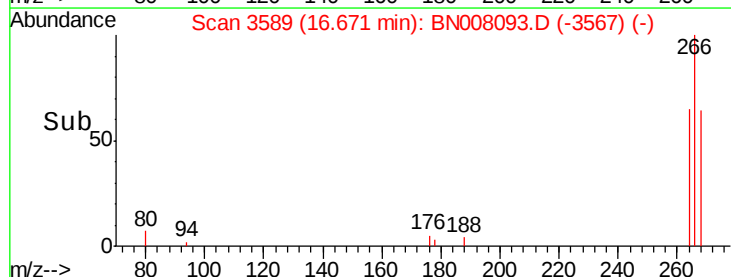
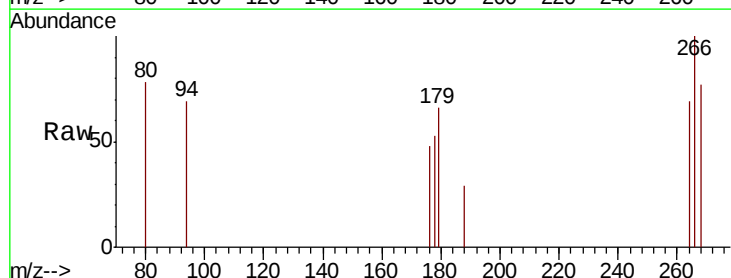
RT: 16.67 min Scan# 3589

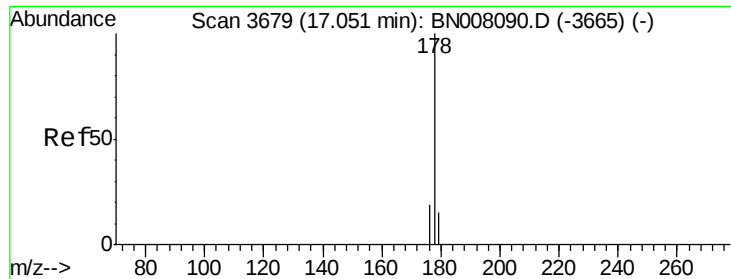
Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.1	75.1
268	1.3	51.9	77.9





#12

Phenanthrene

Concen: 0.087 ng/ul m

RT: 17.05 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

Instrument :

BNA_N

ClientSampleId :

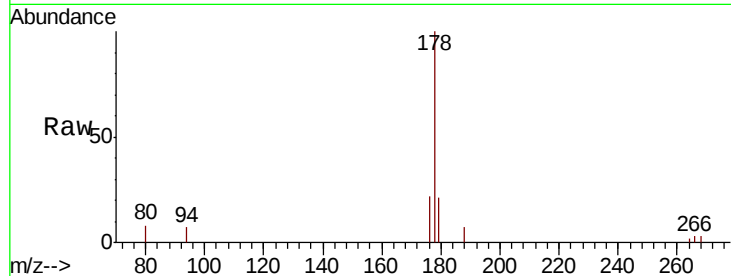
JLM66

Tot Ion:178 Resp: 3531

Ion	Ratio	Lower	Upper
178	100		
179	21.2	12.8	19.2#
176	21.8	15.4	23.2

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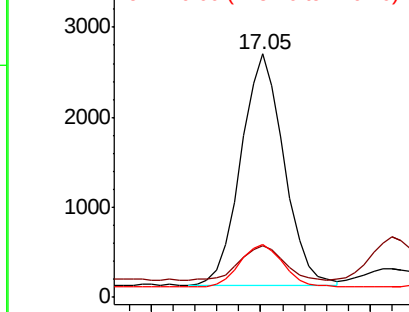
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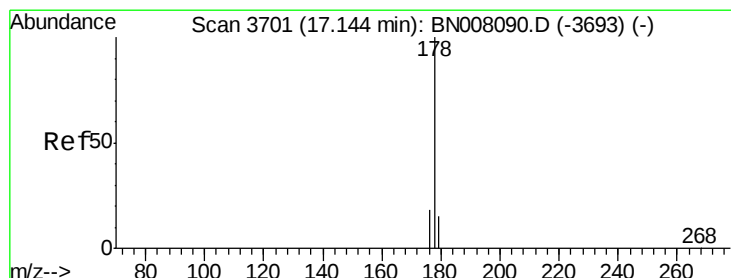
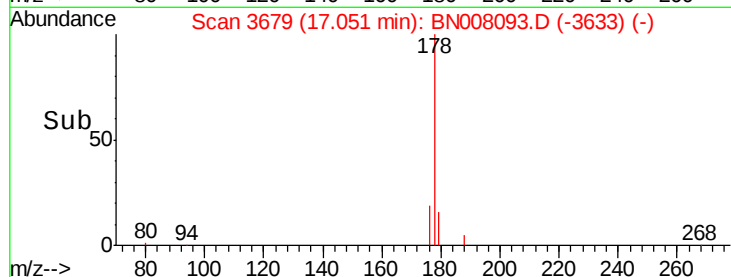
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#13

Anthracene

Concen: 0.053 ng/ul m

RT: 17.14 min Scan# 3700

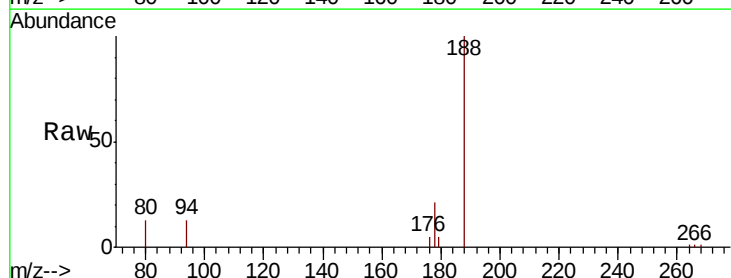
Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

Tgt Ion:178 Resp: 1914

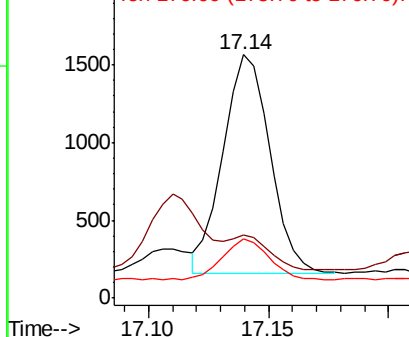
Ion	Ratio	Lower	Upper
178	100		
179	25.8	13.0	19.6#
176	24.1	15.0	22.6#



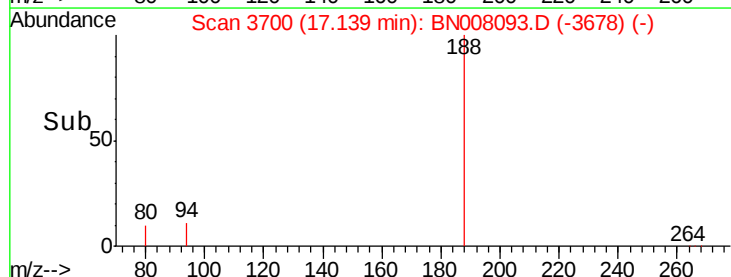
Abundance Ion 178.00 (177.70 to 178.70): E

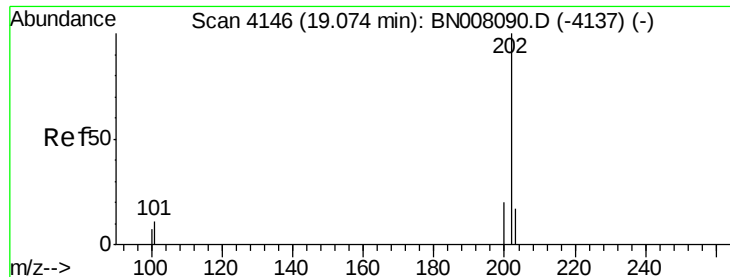
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





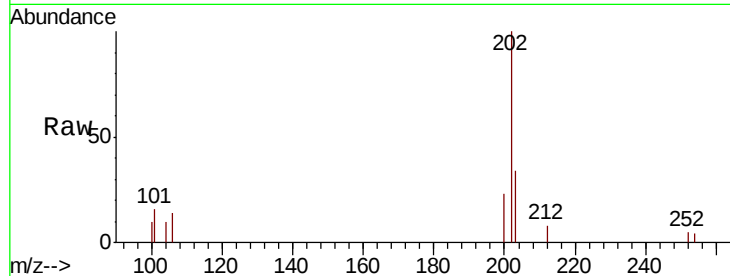
#15
Fluoranthene
Concen: 0.090 ng/ul m
RT: 19.07 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN008093.D
Acq: 12 Oct 2019 01:39

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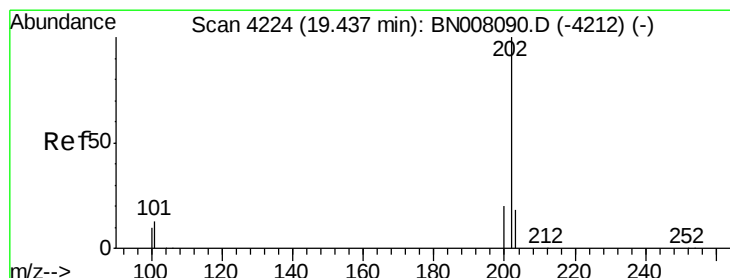
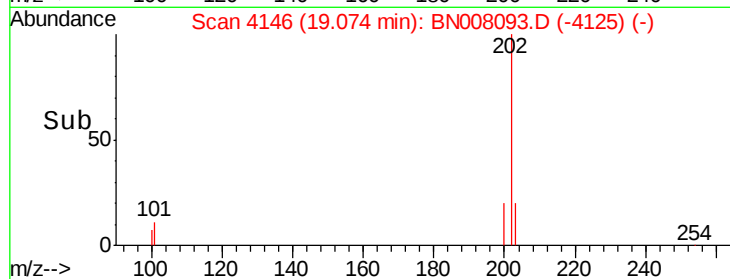
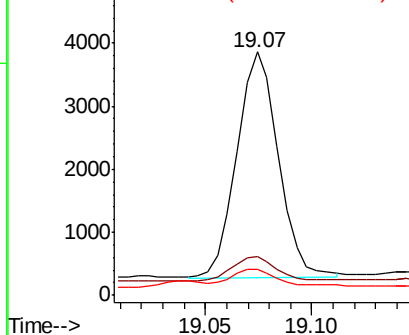
Tot Ion:	202	Resp:	4853
Ion Ratio	Lower	Upper	
202	100		
101	16.1	0.0	31.2
100	10.5	0.0	28.5

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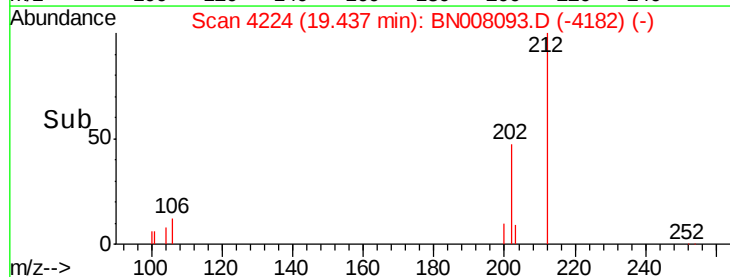
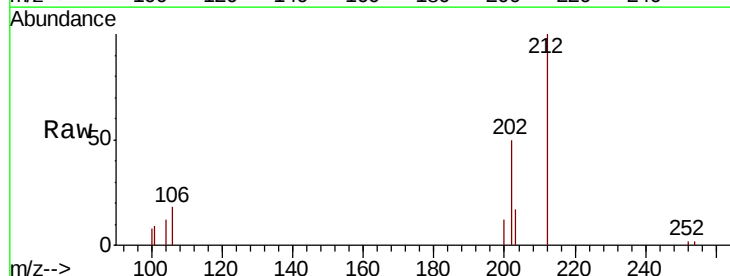
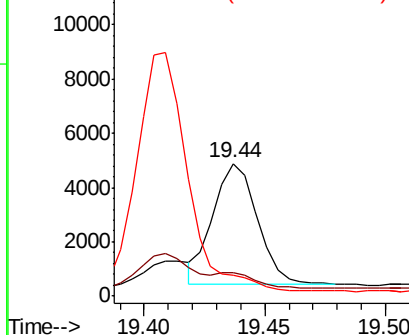
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

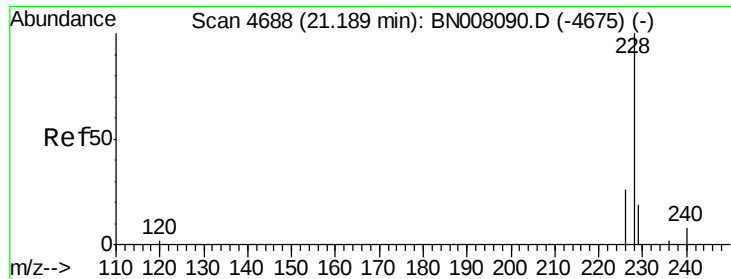


#17
Pyrene
Concen: 0.098 ng/ul m
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN008093.D
Acq: 12 Oct 2019 01:39

Tgt Ion:	202	Resp:	5782
Ion Ratio	Lower	Upper	
202	100		
101	17.9	10.9	16.3#
100	15.3	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





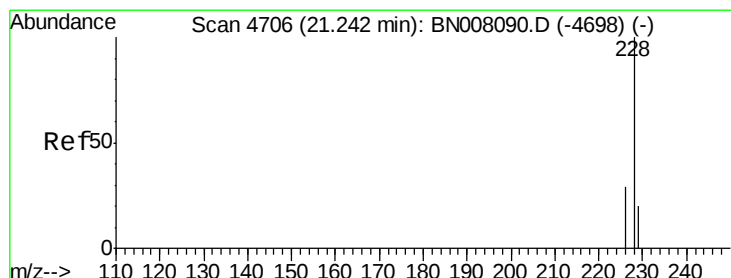
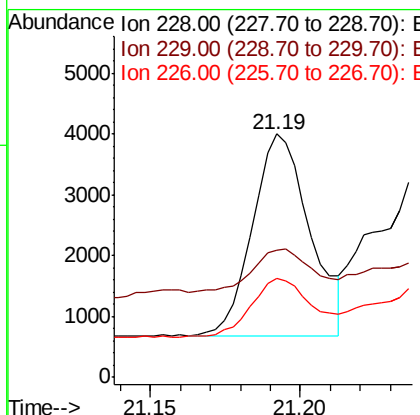
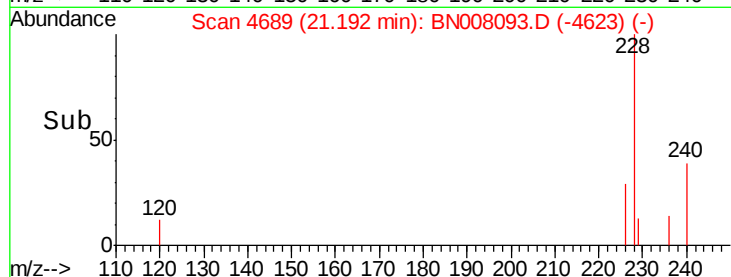
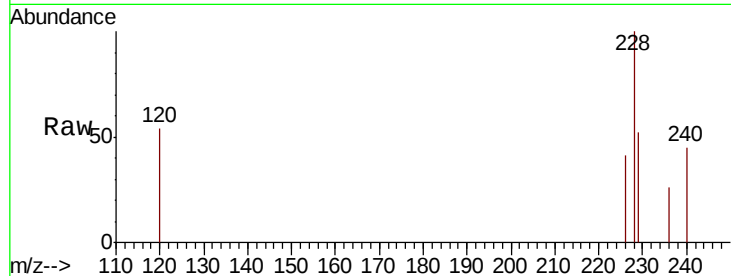
#18
Benzo(a)anthracene
Concen: 0.082 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.01 min
Lab File: BN008093.D
Acq: 12 Oct 2019 01:39

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Tot Ion	Ratio	Lower	Upper
228	100		
229	52.1	16.2	24.2#
226	40.6	21.4	32.0#

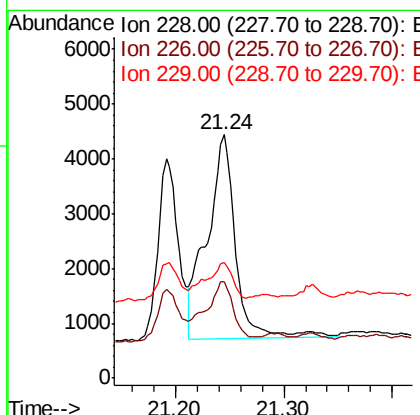
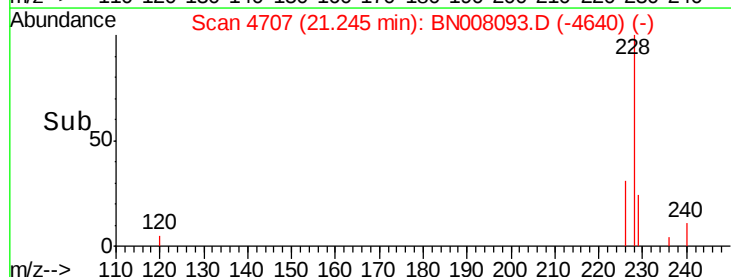
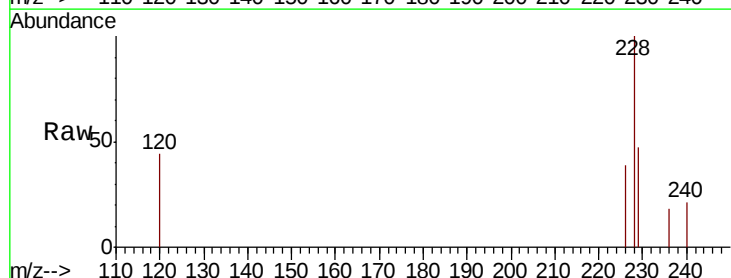
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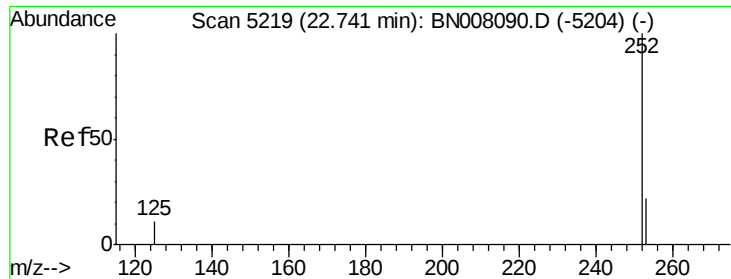
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#19
Chrysene
Concen: 0.103 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. -0.01 min
Lab File: BN008093.D
Acq: 12 Oct 2019 01:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.4	24.1	36.1#
229	47.5	16.2	24.2#





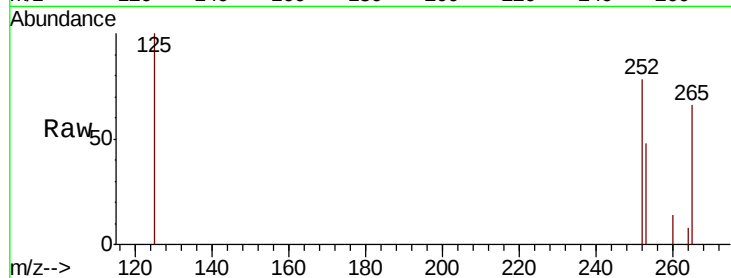
#21
Benzo(b)fluoranthene
Concen: 0.131 ng/u1
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008093.D
Acq: 12 Oct 2019 01:39

Instrument :
BNA_N
ClientSampleId :
JLM66

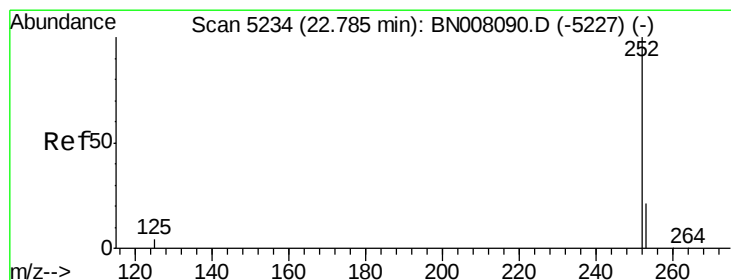
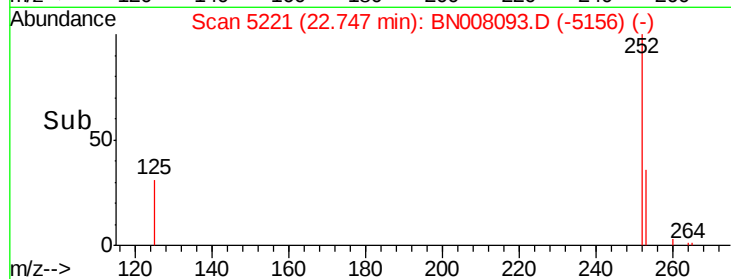
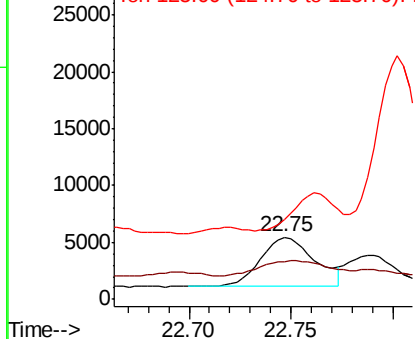
Tot Ion	Ratio	Lower	Upper
252	100		
253	61.2	0.0	53.4#
125	128.2	0.0	32.4#

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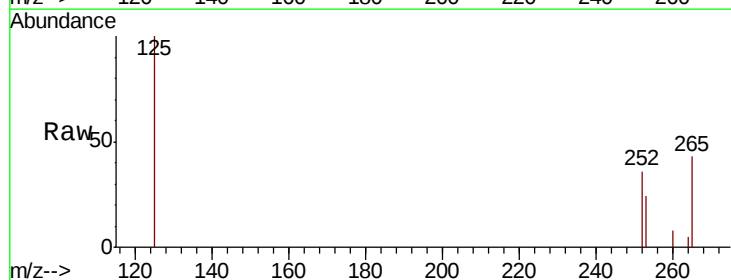


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

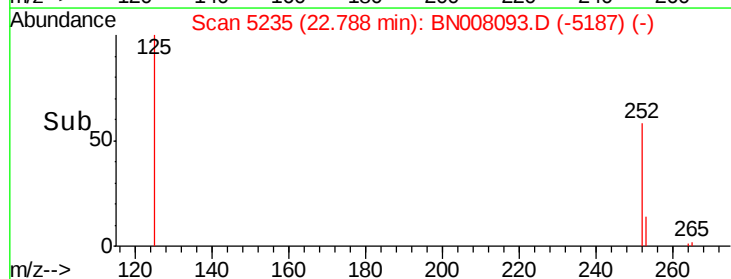
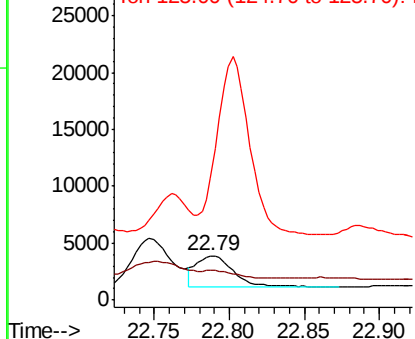


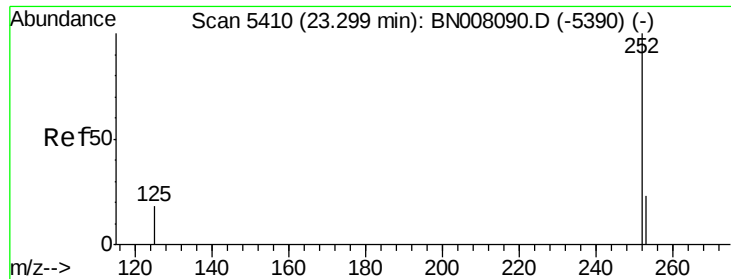
#22
Benzo(k)fluoranthene
Concen: 0.068 ng/u1
RT: 22.79 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN008093.D
Acq: 12 Oct 2019 01:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	66.9	21.3	31.9#
125	275.3	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: 0.080 ng/u1

RT: 23.31 min Scan# 5412

Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

Instrument :

BNA_N

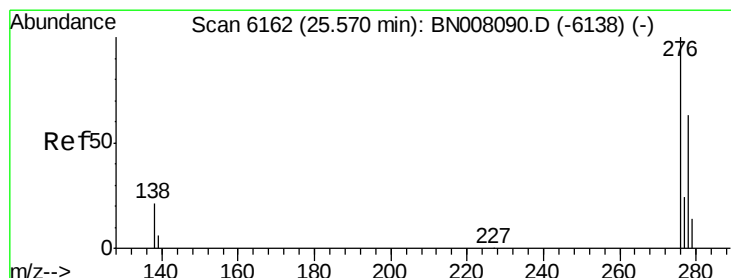
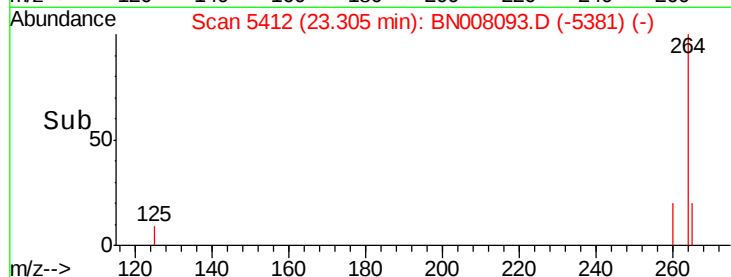
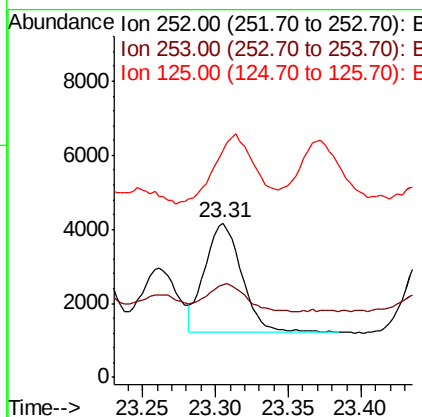
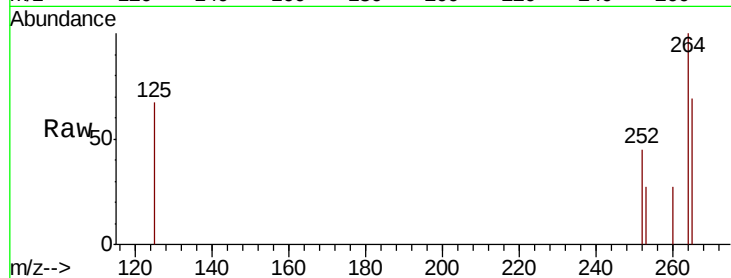
ClientSampleId :

JLM66

Tot Ion:	252	Resp:	5195
Ion Ratio	Lower	Upper	
252	100		
253	59.7	22.8	34.2#
125	147.2	18.4	27.6#

Manual Integrations
APPROVED

mohammad
10/15/2019 7:57:33 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.083 ng/u1

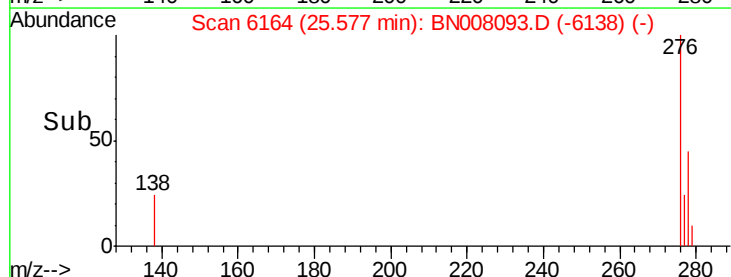
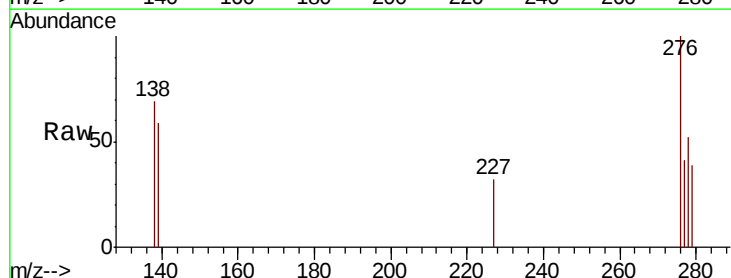
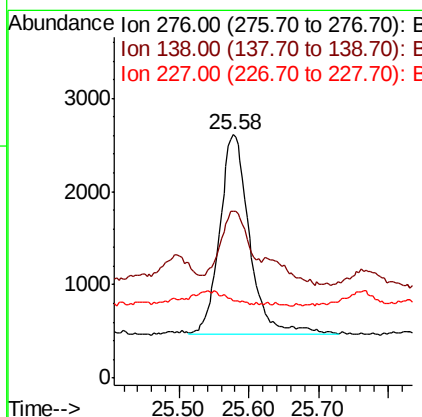
RT: 25.58 min Scan# 6164

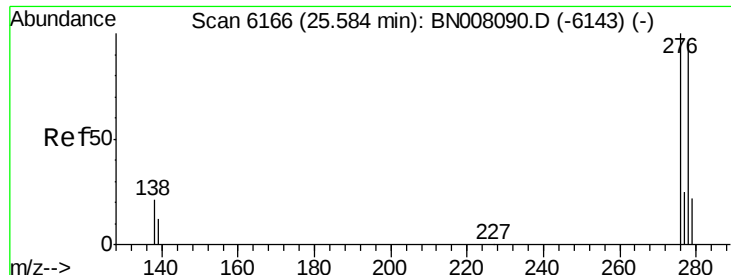
Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

Tgt Ion:	276	Resp:	6332
Ion Ratio	Lower	Upper	
276	100		
138	47.5	16.1	24.1#
227	0.0	0.2	0.2#





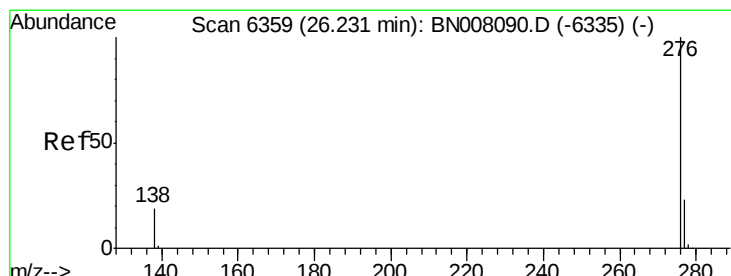
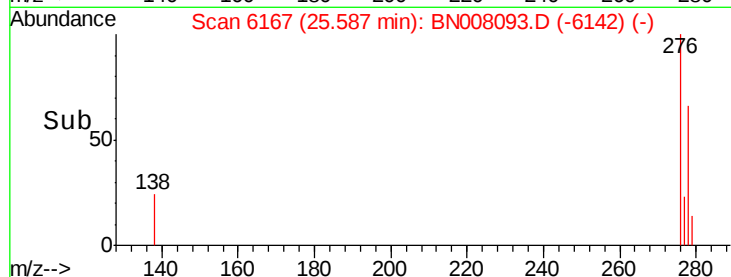
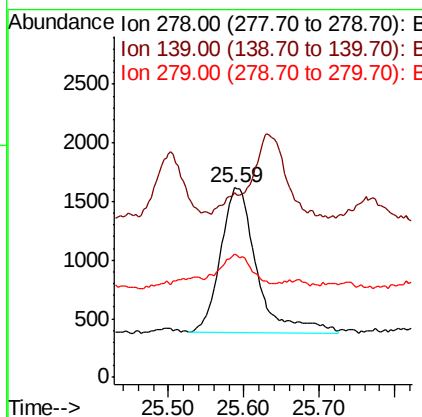
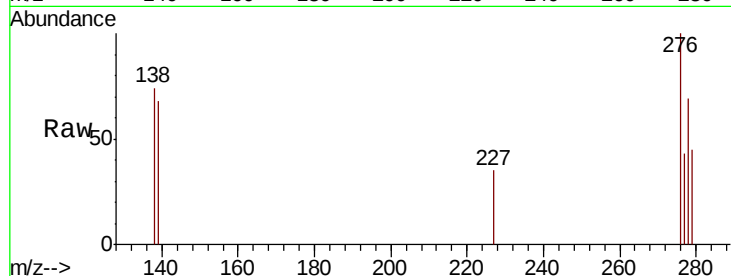
#25
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 25.59 min Scan# 6167
Delta R.T. -0.02 min
Lab File: BN008093.D
Acq: 12 Oct 2019 01:39

Instrument :
BNA_N
ClientSampleId :
JLM66

Tot Ion	Ratio	Lower	Upper
278	100		
139	97.6	15.0	22.6#
279	65.2	22.4	33.6#

Manual Integrations
APPROVED

mohammad
10/15/2019 7:57:33 AM



#26
Benzo(g,h,i)perylene
Concen: 0.189 ng/ul
RT: 26.24 min Scan# 6362
Delta R.T. -0.01 min
Lab File: BN008093.D
Acq: 12 Oct 2019 01:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.2	17.0	25.4#
277	32.3	20.4	30.6#

