

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
 Data File : BN008608.D
 Acq On : 18 Nov 2019 17:43
 Operator : JU
 Sample : K5678-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM81

Manual Integrations
 APPROVED

mohammad
 11/19/2019 2:44:58 PM

Quant Time: Nov 19 02:01:42 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	3101	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	11191	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6889	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	13191	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	10405	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	10597	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4177	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	10385	0.26	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	6046	0.179	ng/ul	96
5) 2-Methylnaphthalene	12.06	142	3359	0.143	ng/ul	100
7) Acenaphthylene	13.97	152	8659	0.227	ng/ul	96
8) Acenaphthene	14.32	153	1657	0.059	ng/ul#	92
9) Fluorene	15.31	166	2239	0.067	ng/ul#	84
11) Pentachlorophenol	16.65	266	815	0.163	ng/ul	96
12) Phenanthrene	17.04	178	43692	0.982	ng/ul#	94
13) Anthracene	17.13	178	7245	0.172	ng/ul#	62
15) Fluoranthene	19.06	202	78525	1.437	ng/ul	95
17) Pyrene	19.42	202	79858	1.913	ng/ul	97
18) Benzo(a)anthracene	21.18	228	34544	0.826	ng/ul#	84
19) Chrysene	21.23	228	53513	1.302	ng/ul#	93
21) Benzo(b)fluoranthene	22.73	252	83783m	1.917	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	27994m	0.646	ng/ul	
23) Benzo(a)pyrene	23.28	252	49593	1.209	ng/ul#	63
24) Indeno(1,2,3-cd)pyrene	25.53	276	42319	0.882	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.54	278	9536	0.246	ng/ul#	1
26) Benzo(g,h,i)perylene	26.19	276	42132	1.050	ng/ul#	85

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

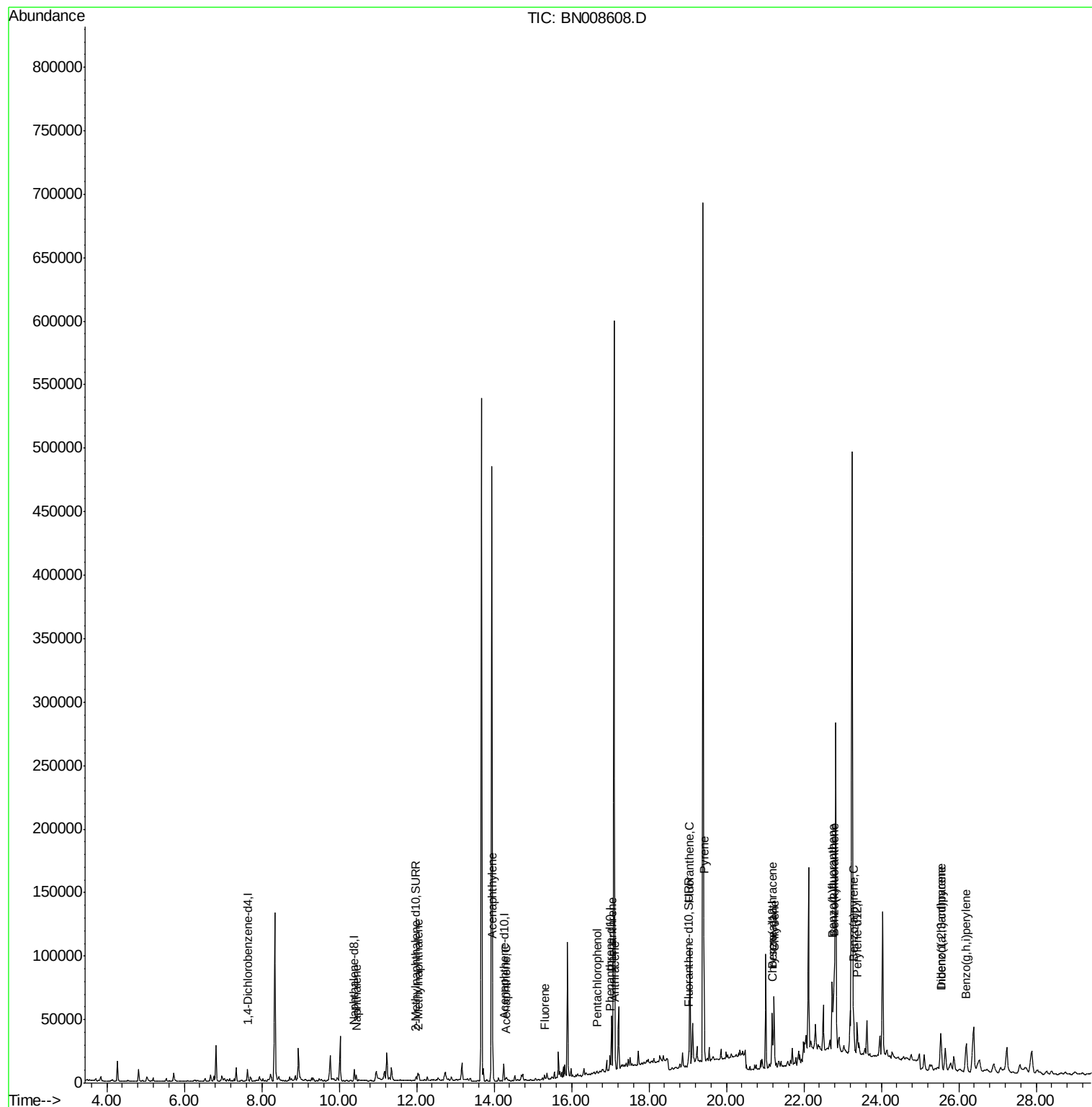
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
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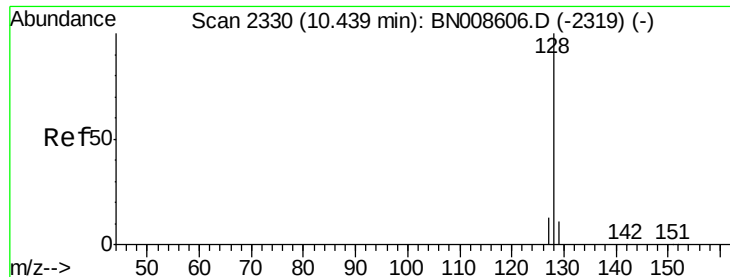
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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#3

Naphthalene

Concen: 0.179 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008608.D

Acq: 18 Nov 2019 17:43

Instrument :

BNA_N

ClientSampleId :

JLM81

Tot Ion:128 Resp: 6046

Ion Ratio Lower Upper

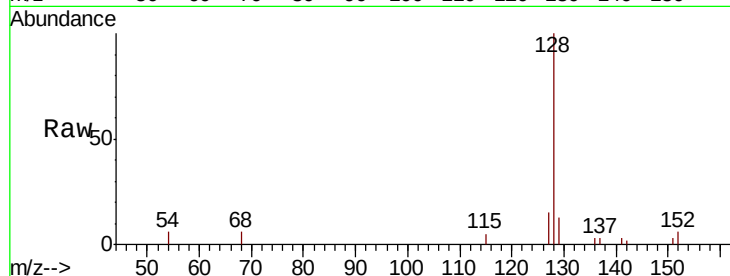
128 100

129 13.5 9.7 14.5

127 15.0 10.8 16.2

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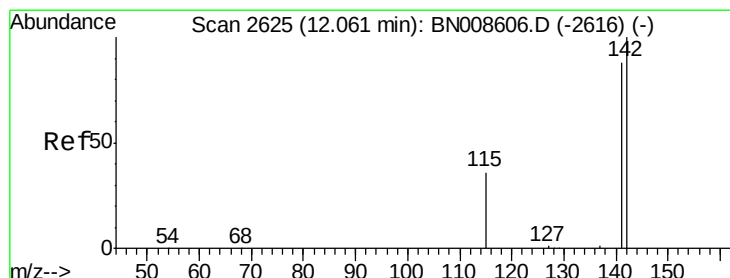
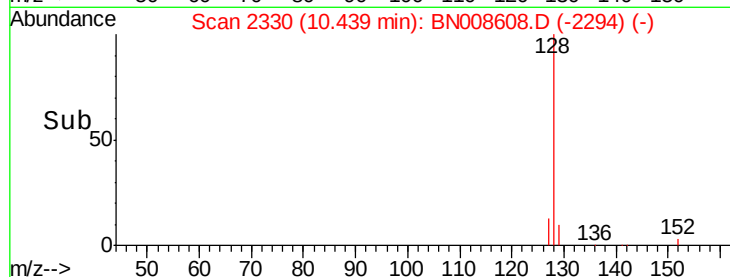
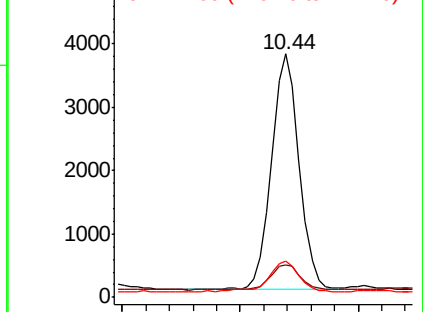


Abundance

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: 0.143 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BN008608.D

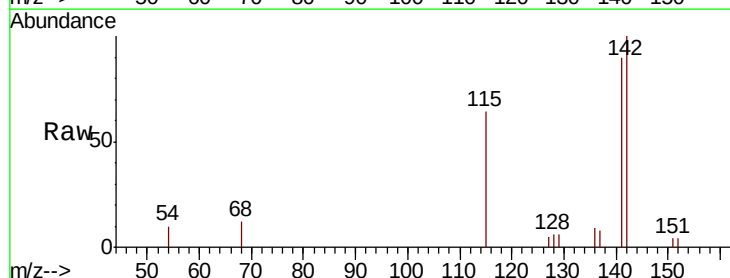
Acq: 18 Nov 2019 17:43

Tgt Ion:142 Resp: 3359

Ion Ratio Lower Upper

142 100

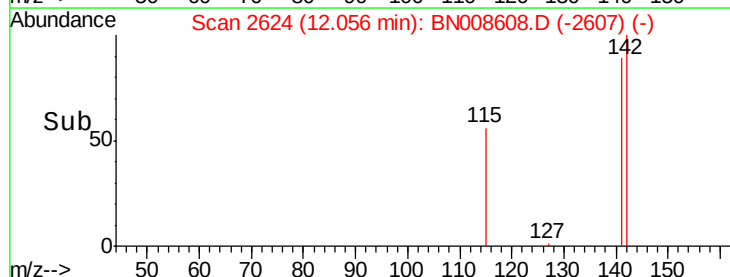
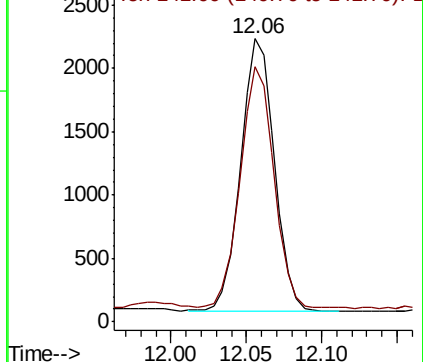
141 87.9 70.5 105.7

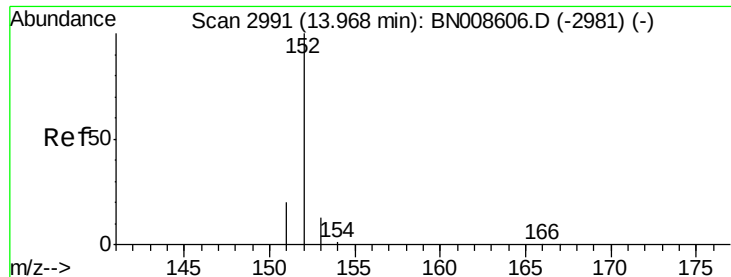


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.227 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BN008608.D

Acq: 18 Nov 2019 17:43

Instrument :

BNA_N

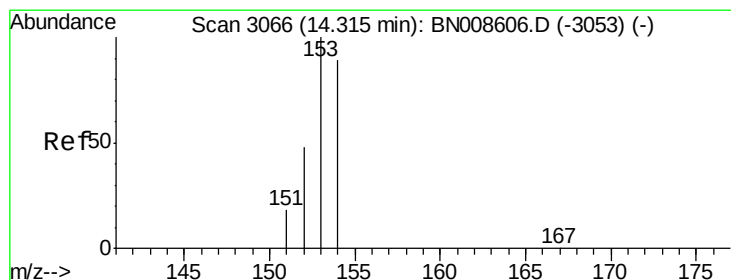
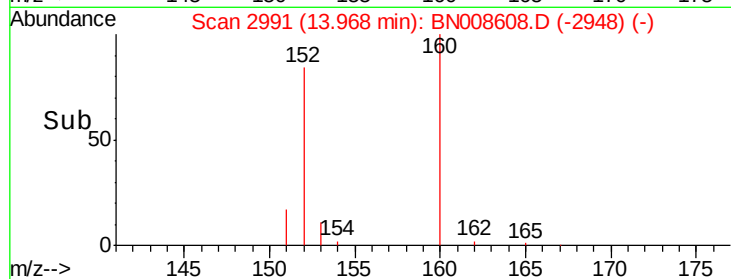
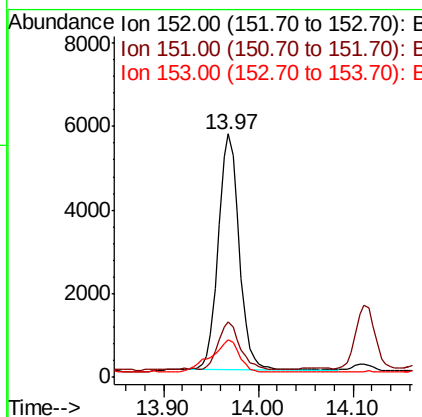
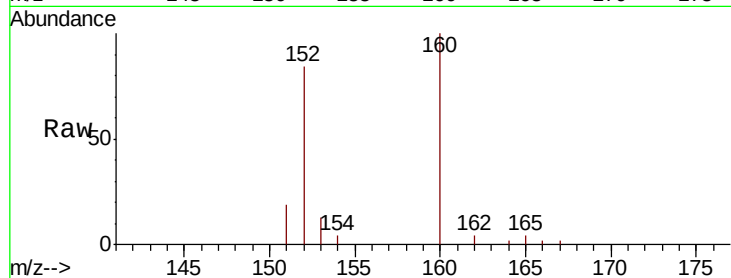
ClientSampleId :

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Tot Ion:	152	Resp:	8659
Ion Ratio	Lower	Upper	
152	100		
151	22.8	16.6	24.8
153	15.3	11.1	16.7

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#8

Acenaphthene

Concen: 0.059 ng/ul

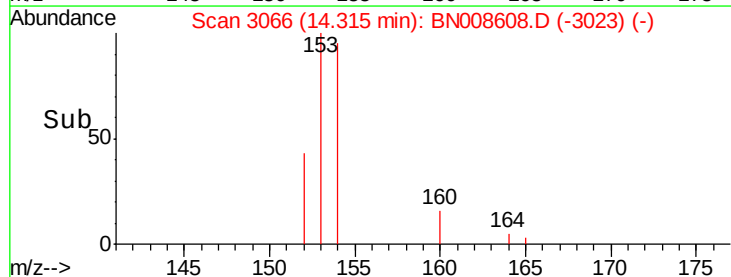
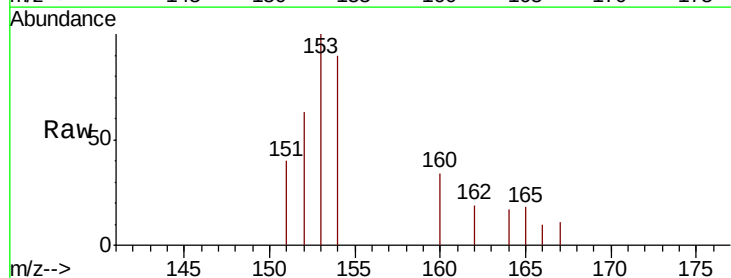
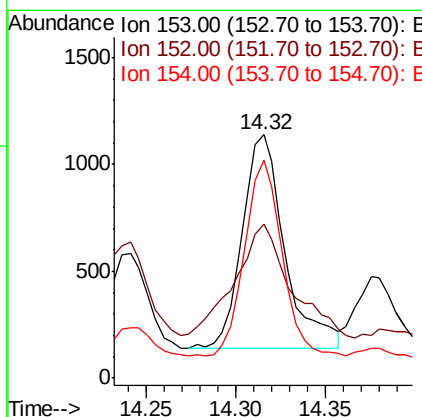
RT: 14.32 min Scan# 3066

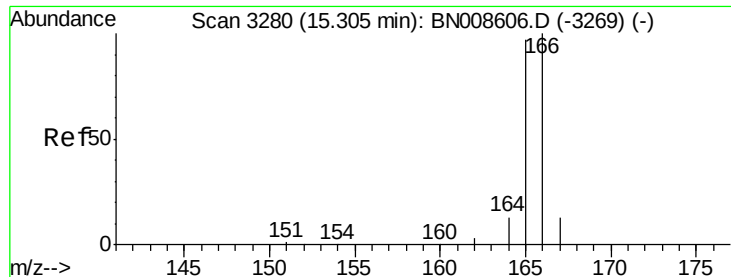
Delta R.T. -0.00 min

Lab File: BN008608.D

Acq: 18 Nov 2019 17:43

Tgt Ion:	153	Resp:	1657
Ion Ratio	Lower	Upper	
153	100		
152	63.1	39.6	59.4#
154	89.6	70.6	106.0





#9

Fluorene

Concen: 0.067 ng/ul

RT: 15.31 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BN008608.D

Acq: 18 Nov 2019 17:43

Instrument :

BNA_N

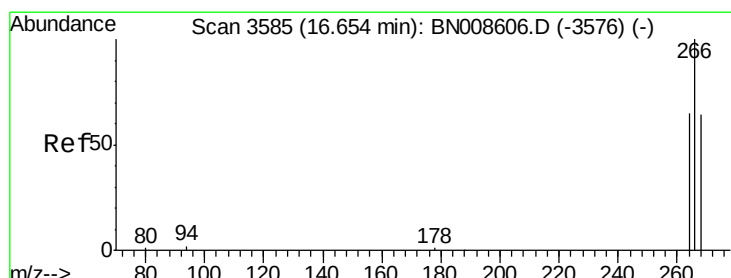
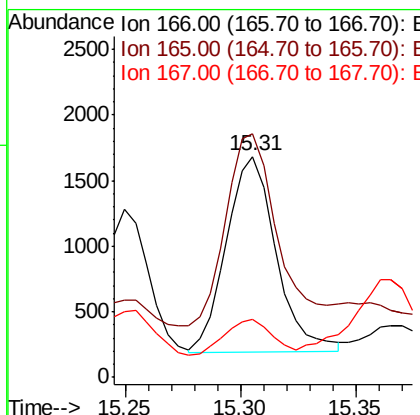
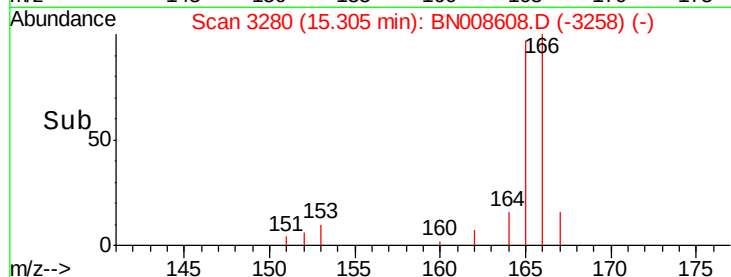
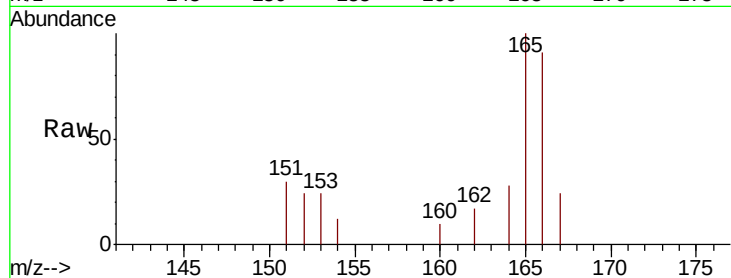
ClientSampled :

JLM81

Tot Ion:	166	Resp:	2239
Ion Ratio	Lower	Upper	
166	100		
165	110.3	77.4	116.0
167	26.0	11.4	17.0#

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#11

Pentachlorophenol

Concen: 0.163 ng/ul

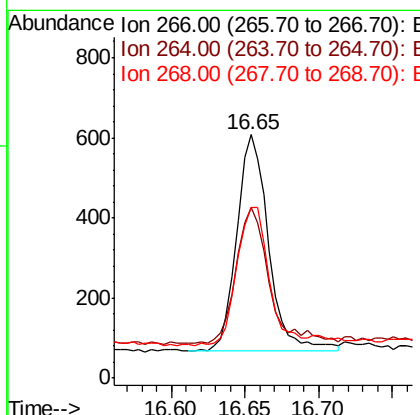
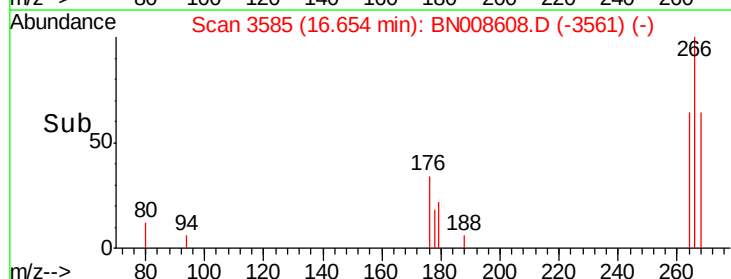
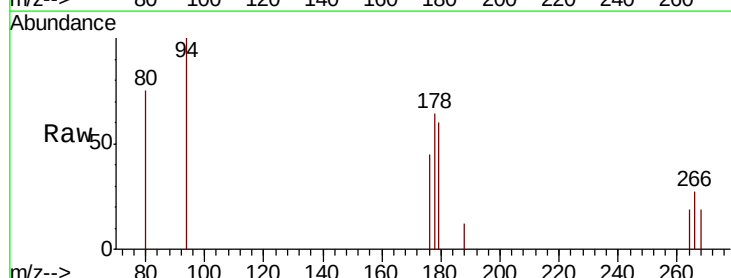
RT: 16.65 min Scan# 3585

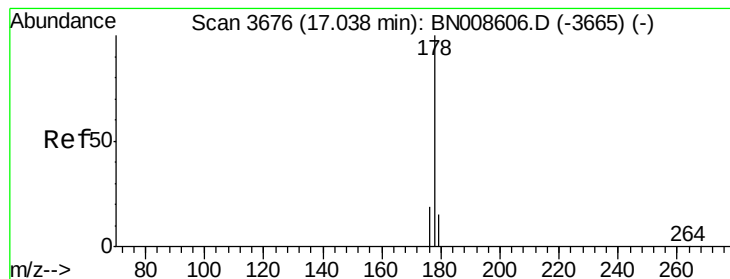
Delta R.T. -0.00 min

Lab File: BN008608.D

Acq: 18 Nov 2019 17:43

Tgt Ion:	266	Resp:	815
Ion Ratio	Lower	Upper	
266	100		
264	67.2	49.2	73.8
268	63.4	50.9	76.3





#12

Phenanthrene

Concen: 0.982 ng/ul

RT: 17.04 min Scan# 3676

Delta R.T. -0.00 min

Lab File: BN008608.D

Acq: 18 Nov 2019 17:43

Instrument :

BNA_N

ClientSampleId :

JLM81

Tot Ion:178 Resp: 43692

Ion Ratio Lower Upper

178 100

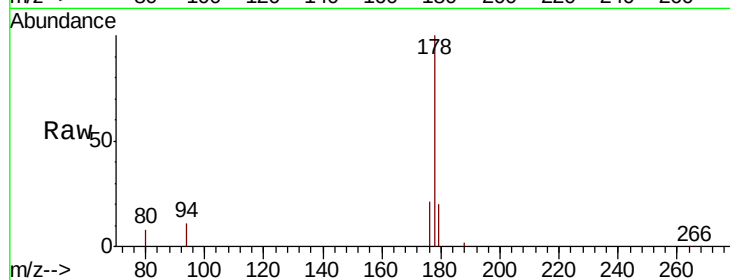
179 20.2 12.8 19.2#

176 21.3 16.0 24.0

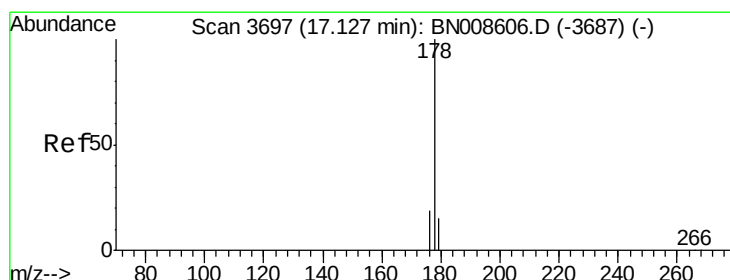
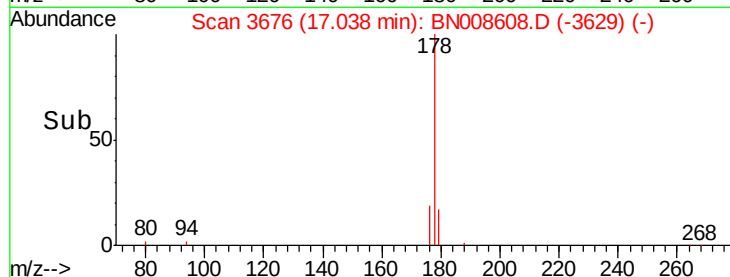
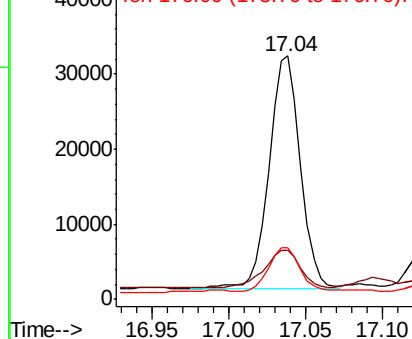
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.172 ng/ul

RT: 17.13 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BN008608.D

Acq: 18 Nov 2019 17:43

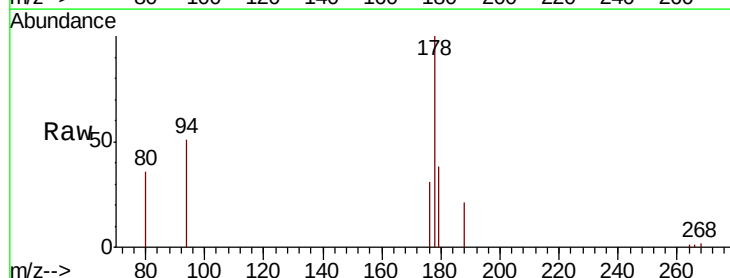
Tgt Ion:178 Resp: 7245

Ion Ratio Lower Upper

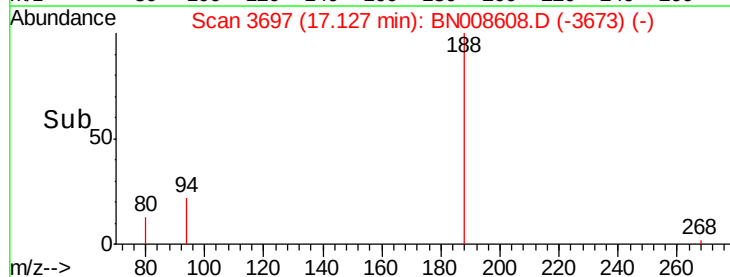
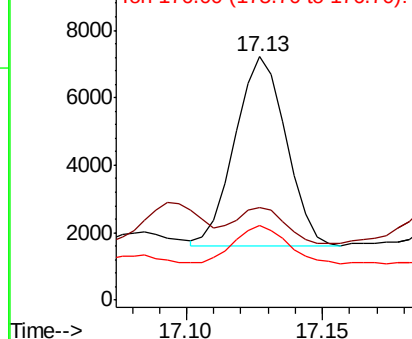
178 100

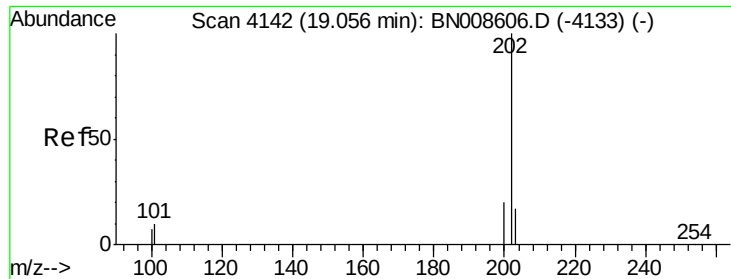
179 38.3 13.0 19.4#

176 30.7 15.3 22.9#



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





#15

Fluoranthene

Concen: 1.437 ng/ul

RT: 19.06 min Scan# 4142

Delta R.T. -0.00 min

Lab File: BN008608.D

Acq: 18 Nov 2019 17:43

Instrument :

BNA_N

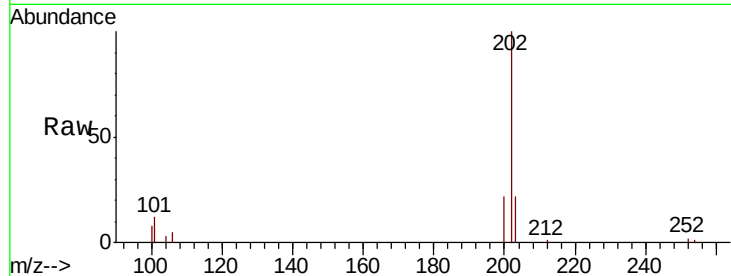
ClientSampleId :

JLM81

Tot Ion:	202	Resp:	78525
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	29.6
100	8.0	0.0	27.0

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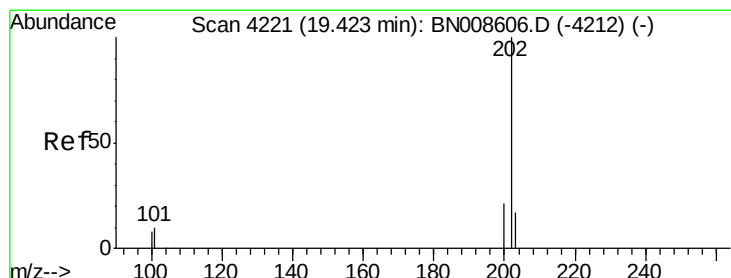
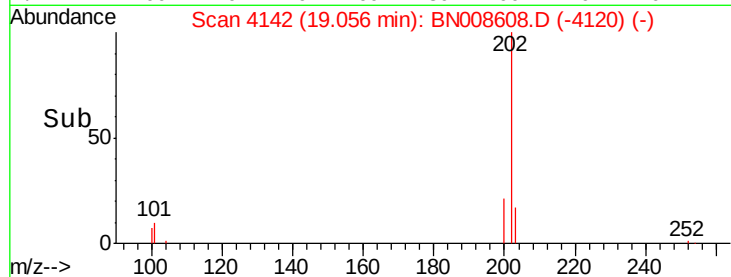
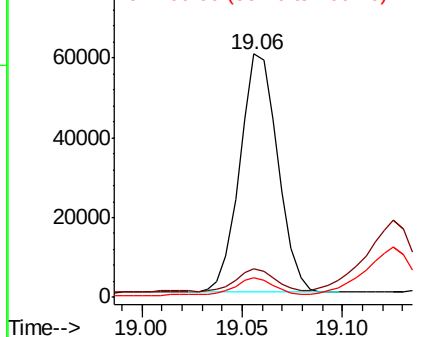


Abundance

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: 1.913 ng/ul

RT: 19.42 min Scan# 4221

Delta R.T. -0.00 min

Lab File: BN008608.D

Acq: 18 Nov 2019 17:43

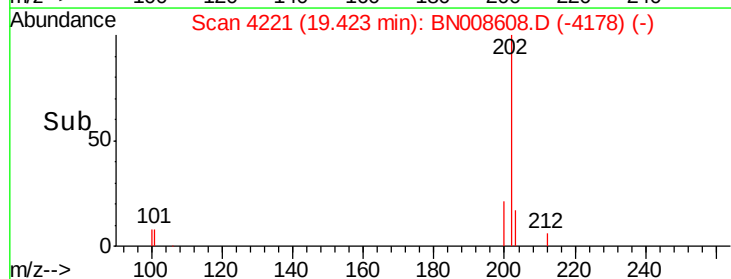
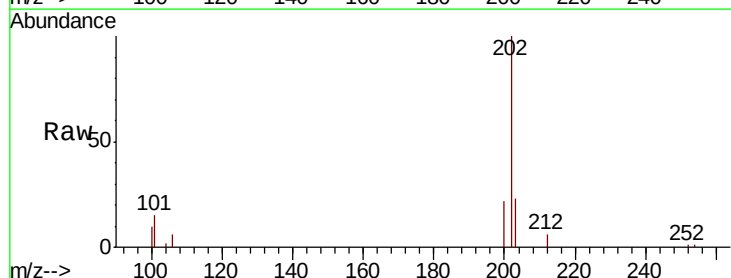
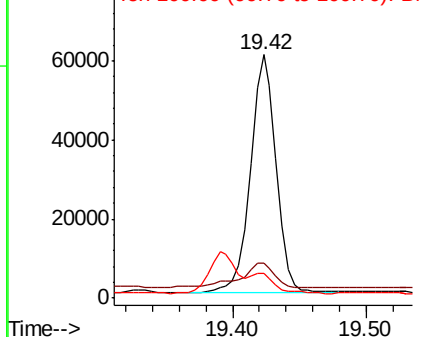
Tgt Ion:	202	Resp:	79858
Ion Ratio	Lower	Upper	
202	100		
101	14.6	10.2	15.2
100	10.3	8.2	12.2

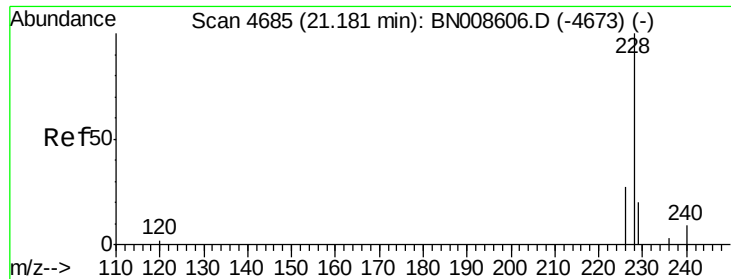
Abundance

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





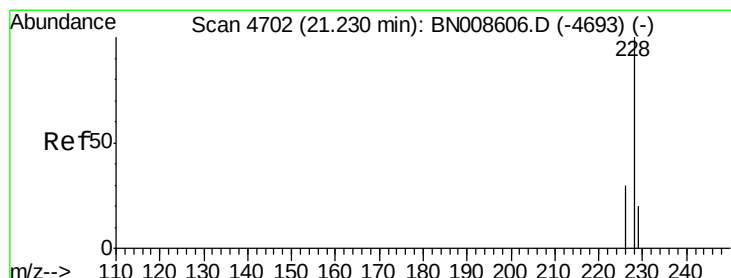
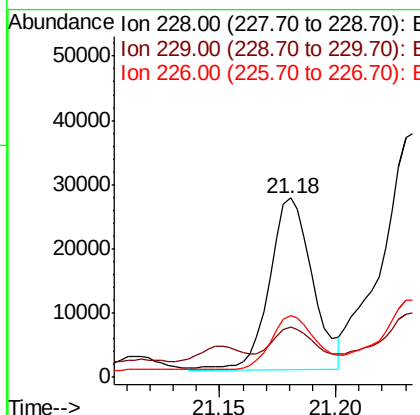
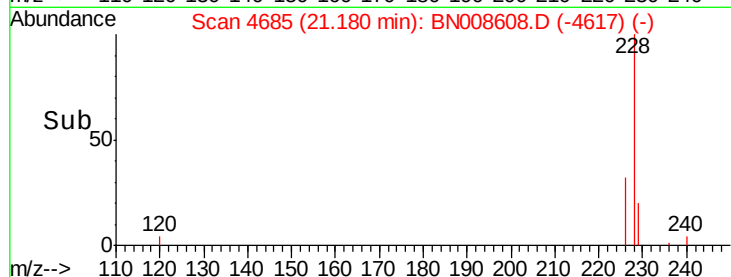
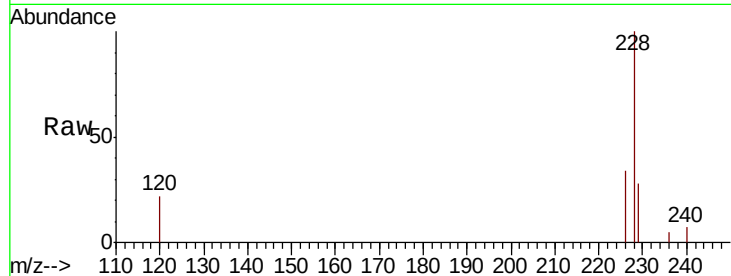
#18
Benzo(a)anthracene
Concen: 0.826 ng/ul
RT: 21.18 min Scan# 4685
Delta R.T. -0.00 min
Lab File: BN008608.D
Acq: 18 Nov 2019 17:43

Instrument :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	27.9	15.8	23.6#
226	34.2	21.6	32.4#

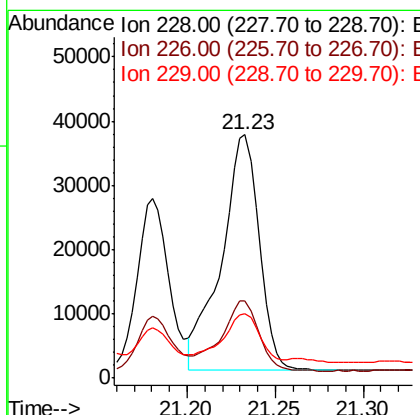
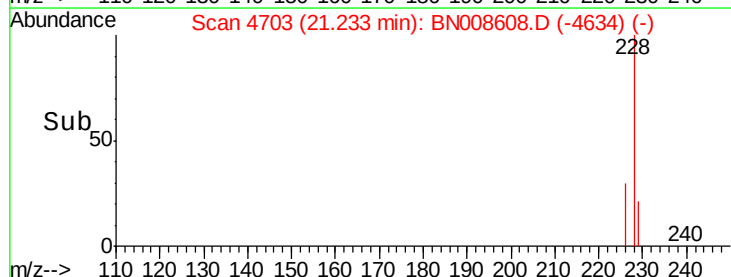
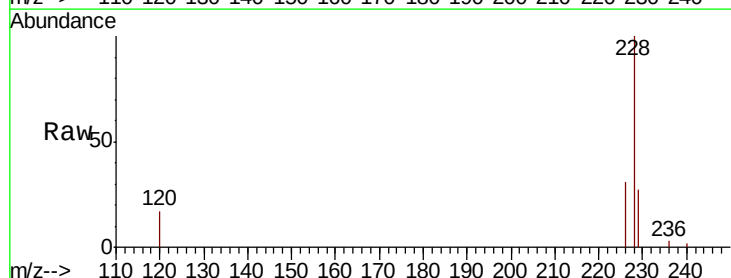
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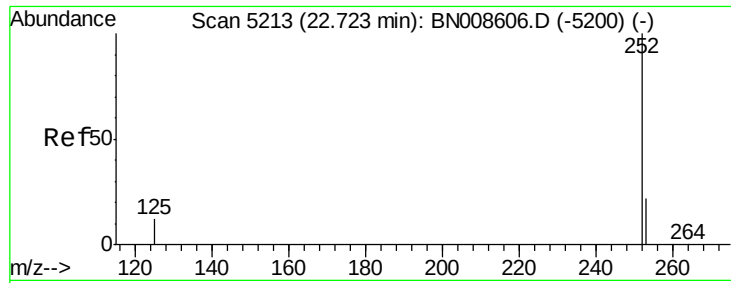
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#19
Chrysene
Concen: 1.302 ng/ul
RT: 21.23 min Scan# 4703
Delta R.T. 0.00 min
Lab File: BN008608.D
Acq: 18 Nov 2019 17:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.5	36.7
229	26.7	15.5	23.3#





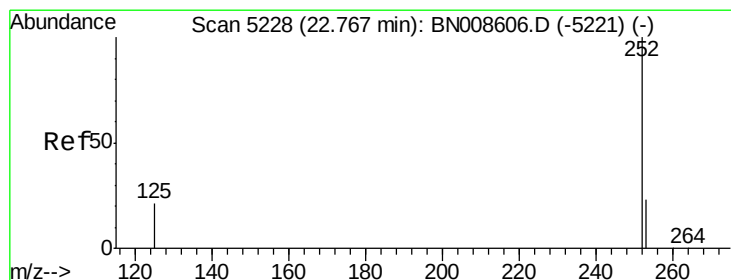
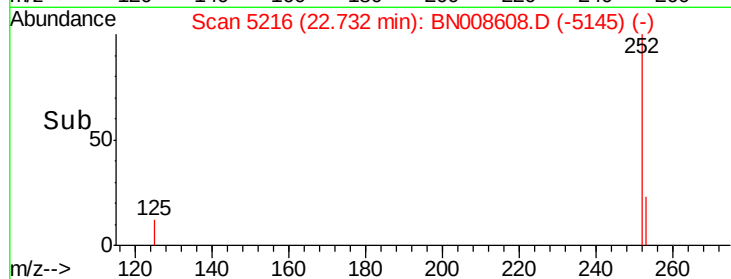
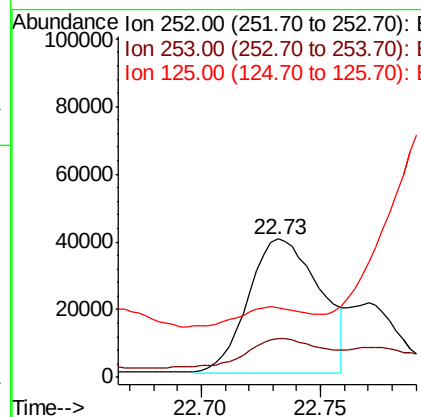
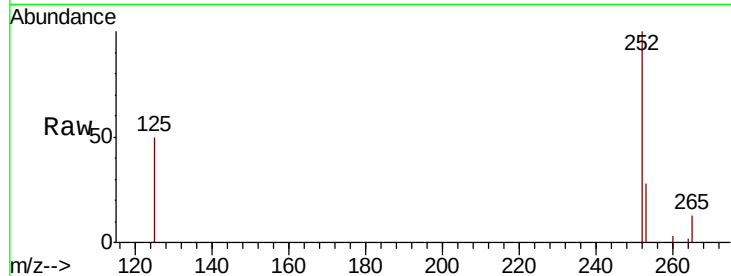
#21
Benzo(b)fluoranthene
Concen: 1.917 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. 0.01 min
Lab File: BN008608.D
Acq: 18 Nov 2019 17:43

Instrument :
BNA_N
ClientSampleId :
JLM81

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.0	0.0	50.2
125	49.9	0.0	30.0#

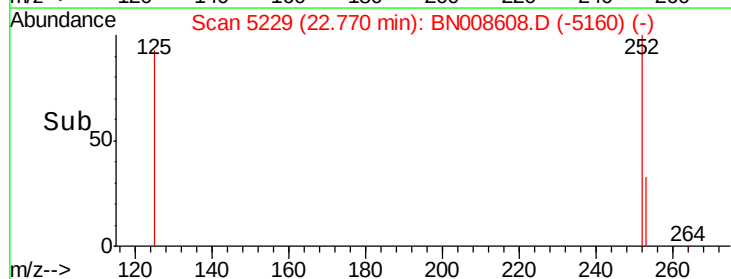
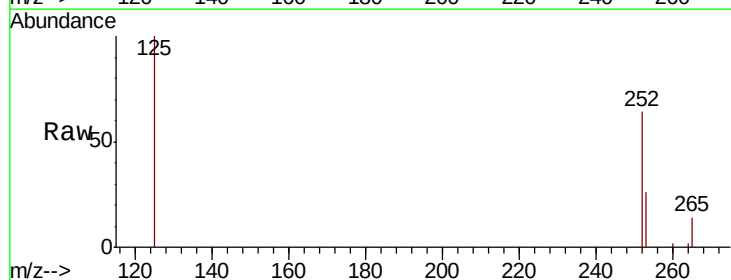
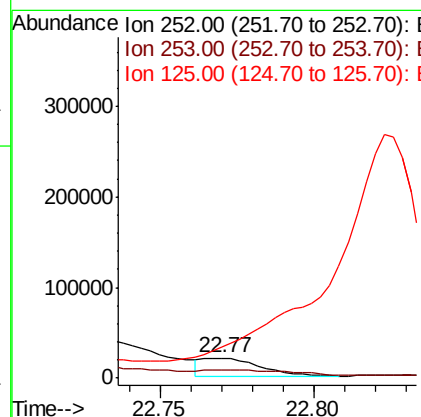
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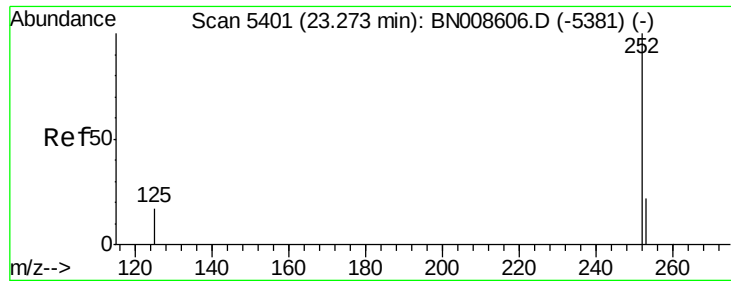
mohammad
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#22
Benzo(k)fluoranthene
Concen: 0.646 ng/ul m
RT: 22.77 min Scan# 5229
Delta R.T. 0.00 min
Lab File: BN008608.D
Acq: 18 Nov 2019 17:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.7	20.5	30.7#
125	155.7	15.0	22.4#





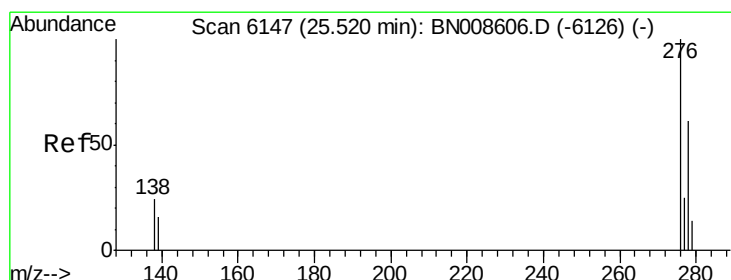
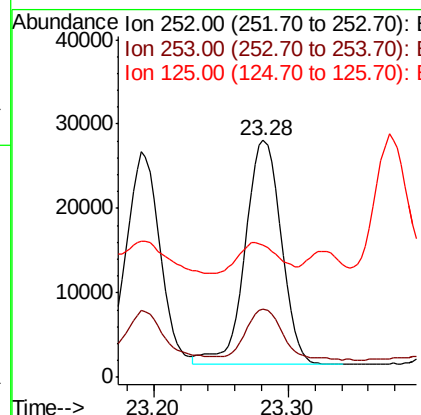
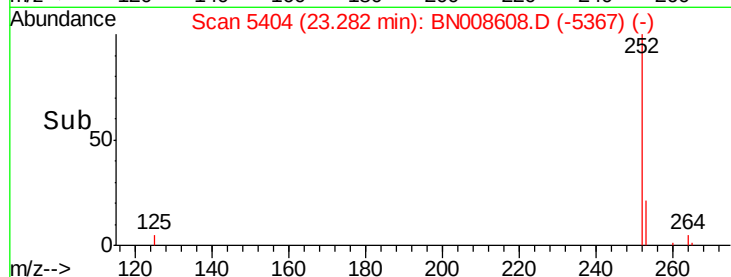
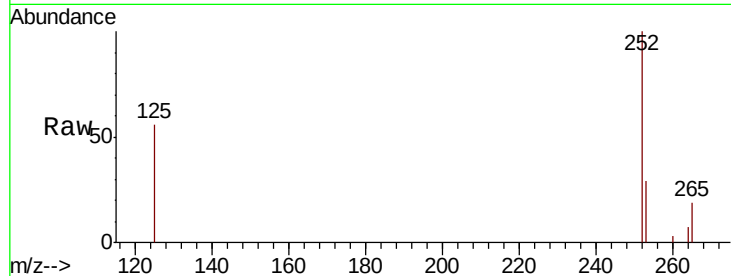
#23
Benzo(a)pyrene
Concen: 1.209 ng/ul
RT: 23.28 min Scan# 5404
Delta R.T. 0.01 min
Lab File: BN008608.D
Acq: 18 Nov 2019 17:43

Instrument :
BNA_N
ClientSampleId :
JLM81

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.7	21.4	32.2
125	55.8	13.8	20.8#

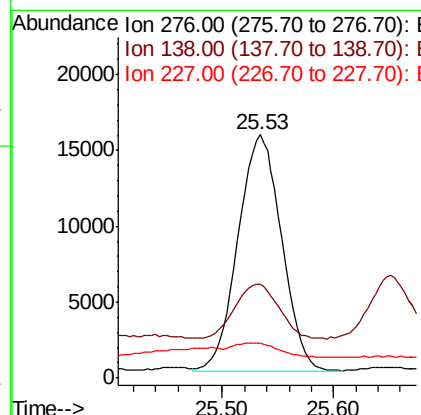
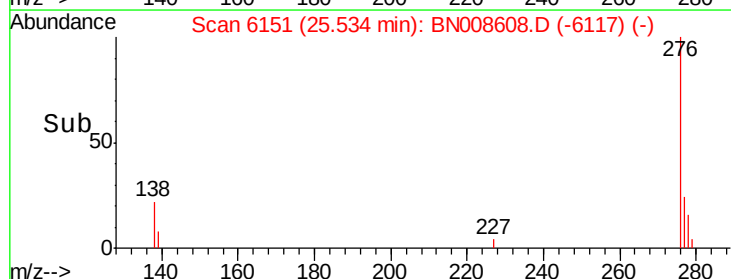
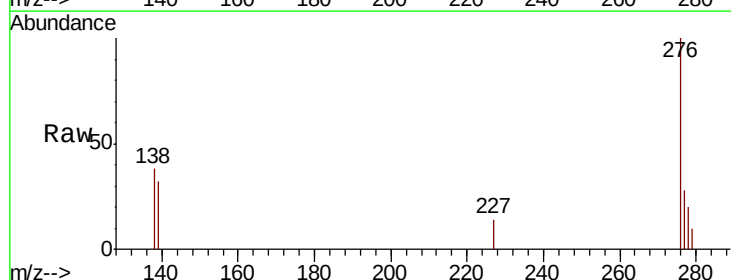
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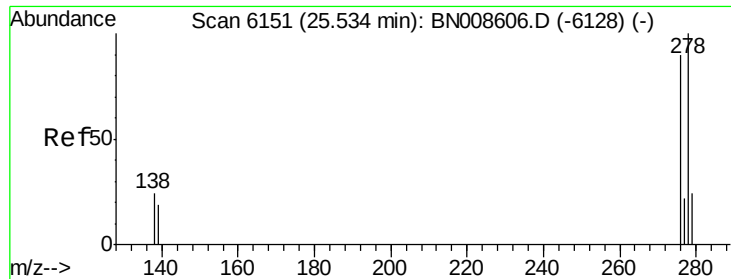
mohammad
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.882 ng/ul
RT: 25.53 min Scan# 6151
Delta R.T. 0.01 min
Lab File: BN008608.D
Acq: 18 Nov 2019 17:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	21.7	32.5
227	6.4	0.2	0.2#





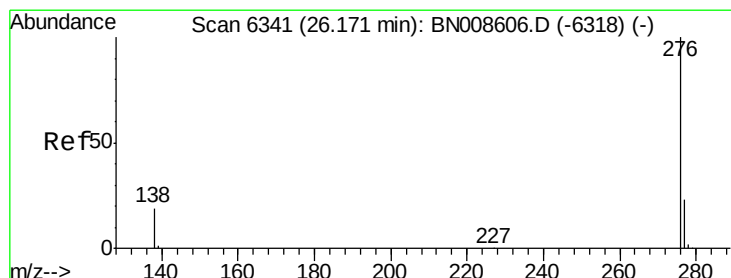
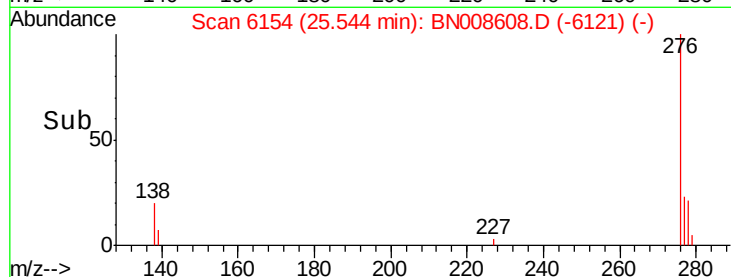
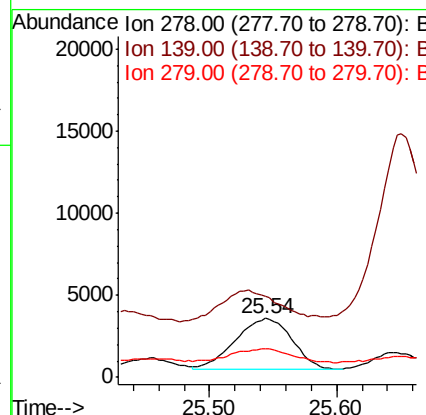
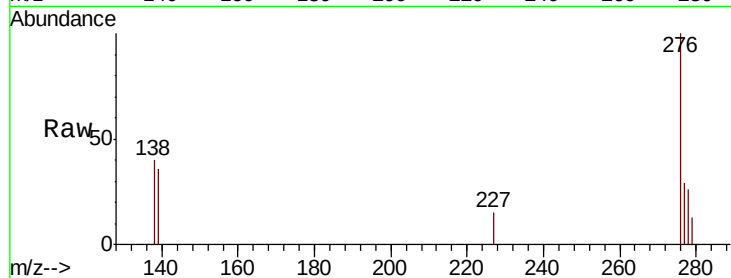
#25
Dibenzo(a,h)anthracene
Concen: 0.246 ng/ul
RT: 25.54 min Scan# 6154
Delta R.T. 0.01 min
Lab File: BN008608.D
Acq: 18 Nov 2019 17:43

Instrument :
BNA_N
ClientSampleId :
JLM81

Tot Ion:278 Resp: 9536
Ion Ratio Lower Upper
278 100
139 137.7 18.7 28.1#
279 47.7 20.8 31.2#

Manual Integrations
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11/19/2019 2:44:58 PM



#26
Benzo(g,h,i)perylene
Concen: 1.050 ng/ul
RT: 26.19 min Scan# 6348
Delta R.T. 0.02 min
Lab File: BN008608.D
Acq: 18 Nov 2019 17:43

Tgt Ion:276 Resp: 42132
Ion Ratio Lower Upper
276 100
138 37.7 20.0 30.0#
277 27.2 20.0 30.0

