

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
 Data File : BN008611.D
 Acq On : 18 Nov 2019 19:31
 Operator : JU
 Sample : K5678-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM93

Manual Integrations
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Quant Time: Nov 19 02:54:38 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	2880	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	10284	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	6414	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	13436m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	8686	0.40	ng/ul	0.01
20) Perylene-d12	23.40	264	9486	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4284	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	9122	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	53869	1.738	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	88084	4.069	ng/ul	100
7) Acenaphthylene	13.97	152	4386	0.124	ng/ul#	78
8) Acenaphthene	14.32	153	37873	1.439	ng/ul	99
9) Fluorene	15.31	166	41714	1.350	ng/ul	96
11) Pentachlorophenol	16.66	266	1353	0.266	ng/ul#	89
12) Phenanthrene	17.04	178	252356	5.569	ng/ul	98
13) Anthracene	17.13	178	64555	1.508	ng/ul#	93
15) Fluoranthene	19.07	202	215805	3.877	ng/ul	98
17) Pyrene	19.43	202	168755	4.843	ng/ul	97
18) Benzo(a)anthracene	21.19	228	75374	2.158	ng/ul#	85
19) Chrysene	21.24	228	92902	2.708	ng/ul#	85
21) Benzo(b)fluoranthene	22.75	252	116203m	2.971	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	35459m	0.914	ng/ul	
23) Benzo(a)pyrene	23.30	252	67417	1.836	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.55	276	50323	1.172	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.56	278	13902	0.401	ng/ul#	1
26) Benzo(g,h,i)perylene	26.21	276	55892	1.556	ng/ul#	77

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

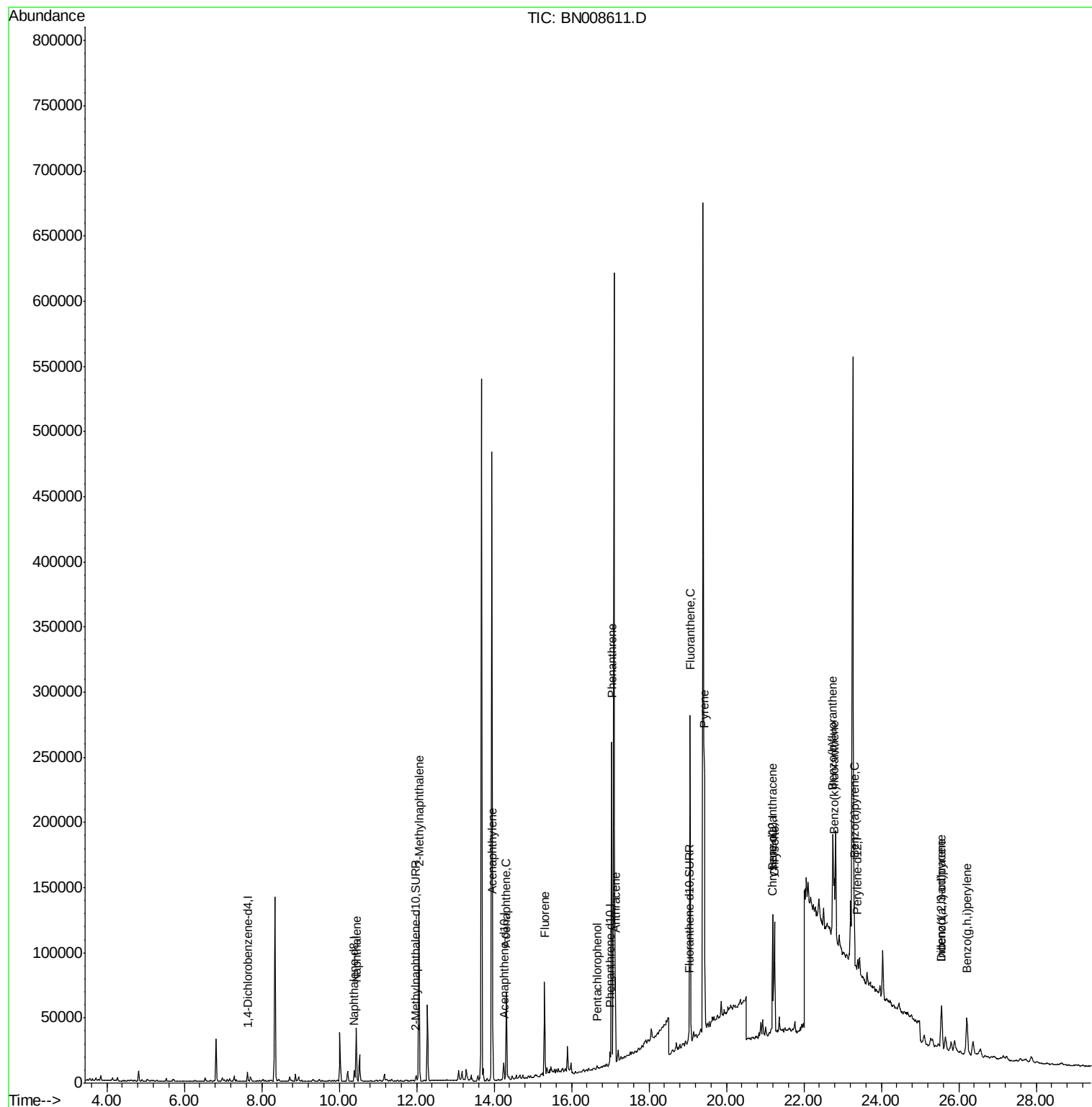
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
Data File : BN008611.D
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ALS Vial : 17 Sample Multiplier: 1

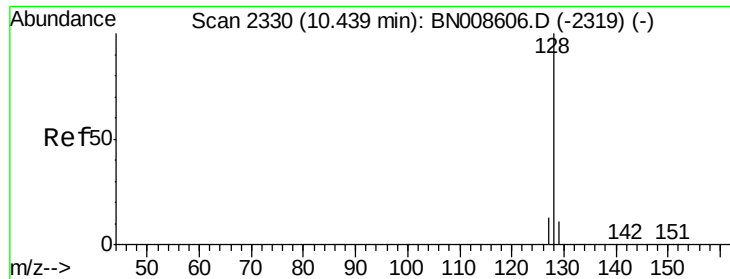
Instrument :
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Quant Time: Nov 19 02:54:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 1.738 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008611.D

Acq: 18 Nov 2019 19:31

Instrument :

BNA_N

ClientSampleId :

JLM93

Tot Ion:128 Resp: 53869

Ion Ratio Lower Upper

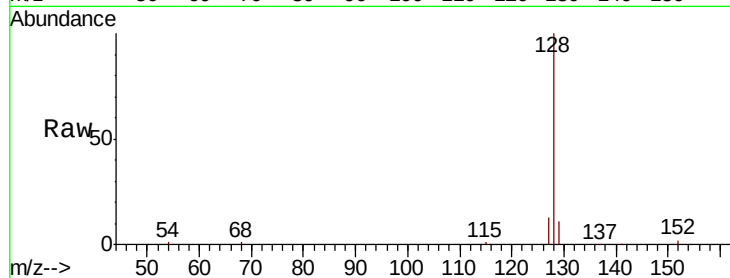
128 100

129 11.3 9.7 14.5

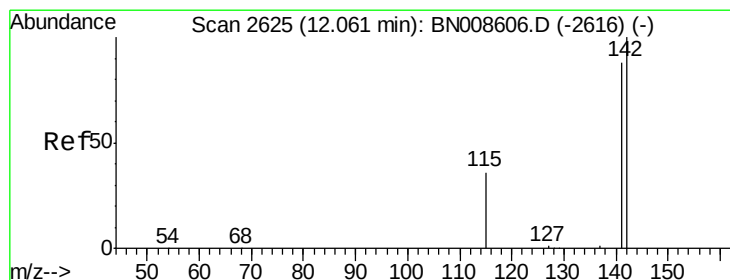
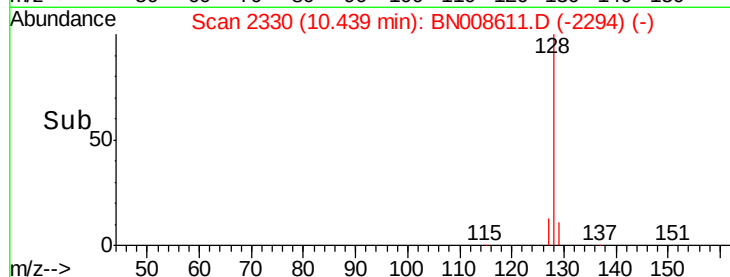
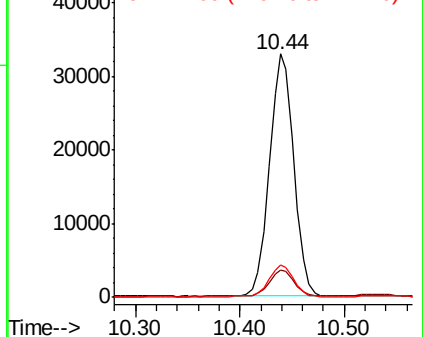
127 13.1 10.8 16.2

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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: 4.069 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BN008611.D

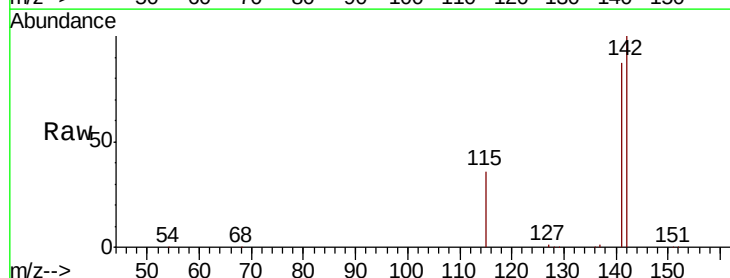
Acq: 18 Nov 2019 19:31

Tgt Ion:142 Resp: 88084

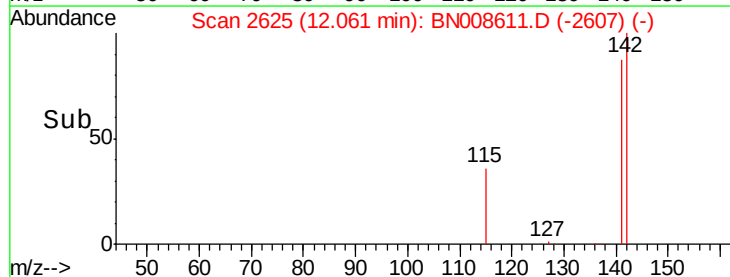
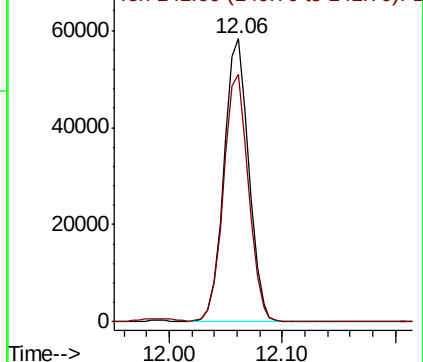
Ion Ratio Lower Upper

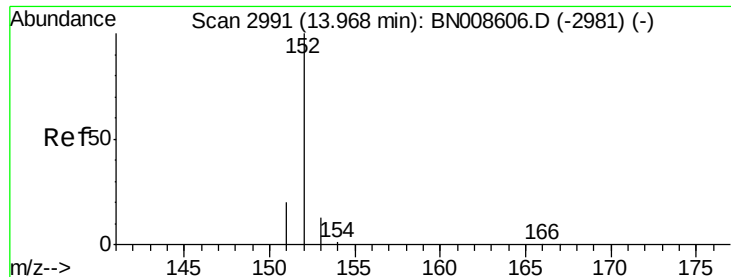
142 100

141 88.1 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: 0.124 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BN008611.D

Acq: 18 Nov 2019 19:31

Instrument :

BNA_N

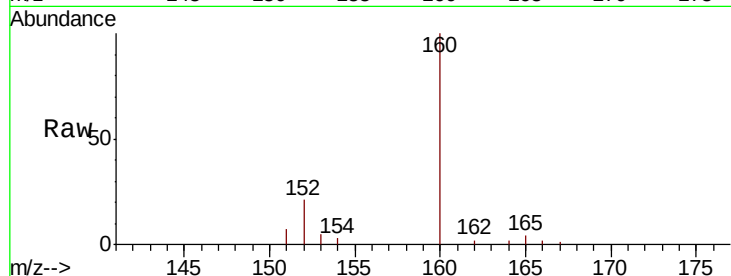
ClientSampleId :

JLM93

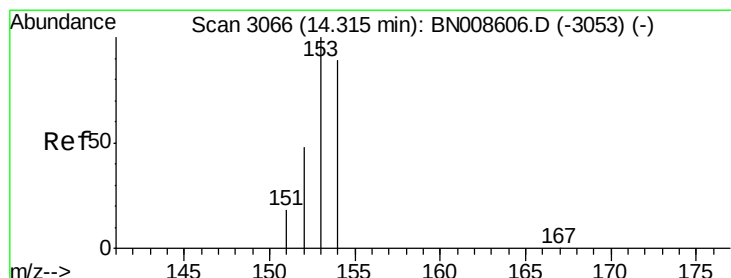
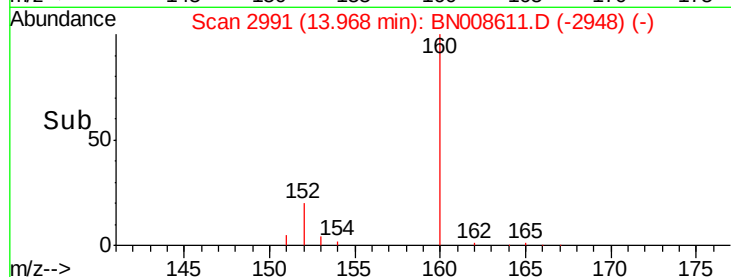
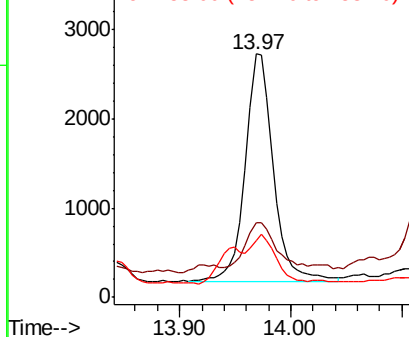
Tot Ion:	152	Resp:	4386
Ion Ratio	Lower	Upper	
152	100		
151	30.8	16.6	24.8#
153	23.4	11.1	16.7#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 1.439 ng/ul

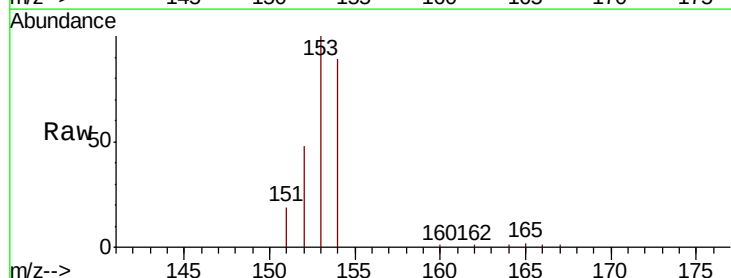
RT: 14.32 min Scan# 3066

Delta R.T. -0.00 min

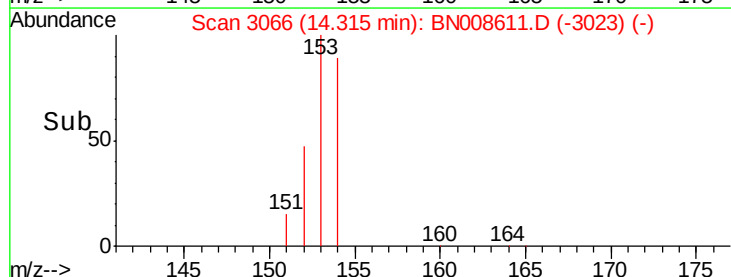
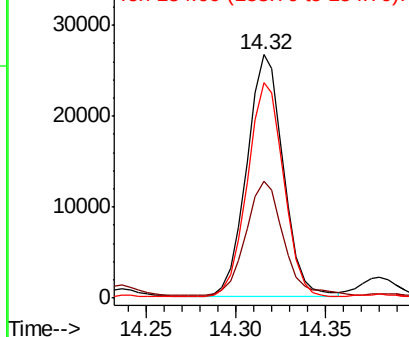
Lab File: BN008611.D

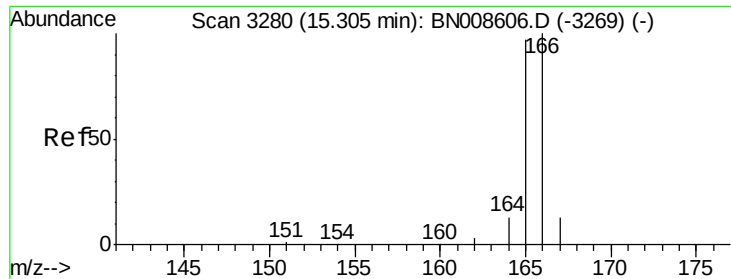
Acq: 18 Nov 2019 19:31

Tgt Ion:	153	Resp:	37873
Ion Ratio	Lower	Upper	
153	100		
152	48.0	39.6	59.4
154	88.6	70.6	106.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.350 ng/ul

RT: 15.31 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BN008611.D

Acq: 18 Nov 2019 19:31

Instrument :

BNA_N

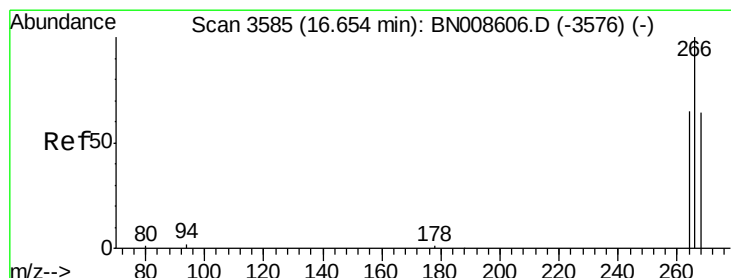
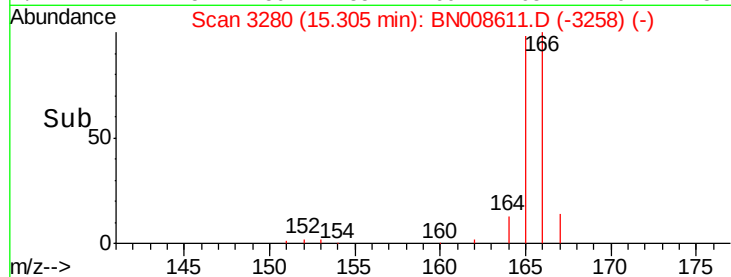
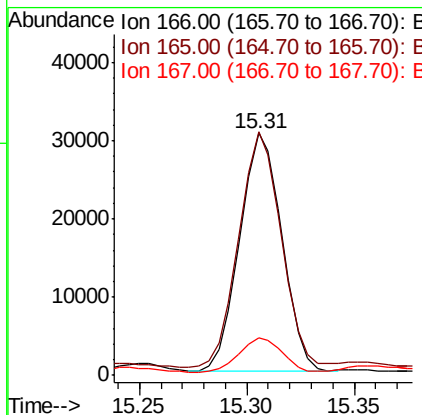
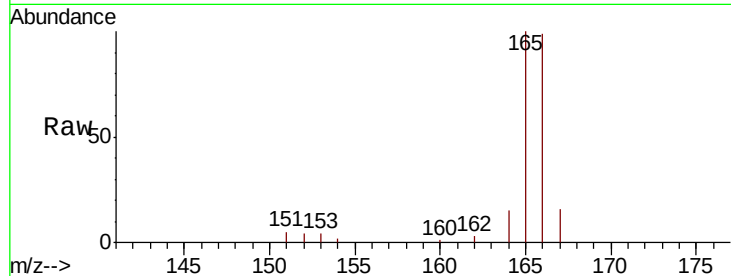
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
166	100		
165	100.6	77.4	116.0
167	15.7	11.4	17.0

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#11

Pentachlorophenol

Concen: 0.266 ng/ul

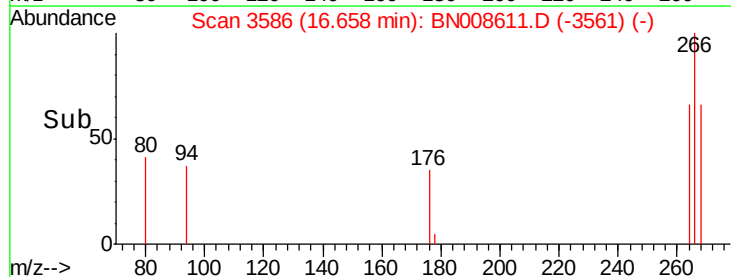
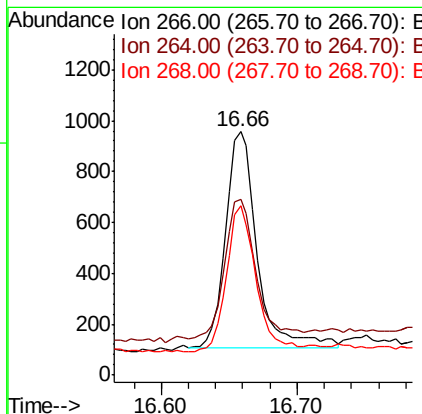
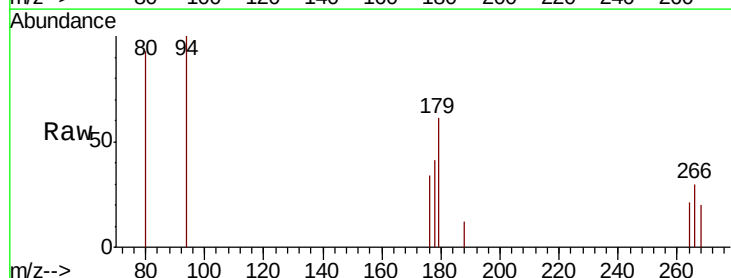
RT: 16.66 min Scan# 3586

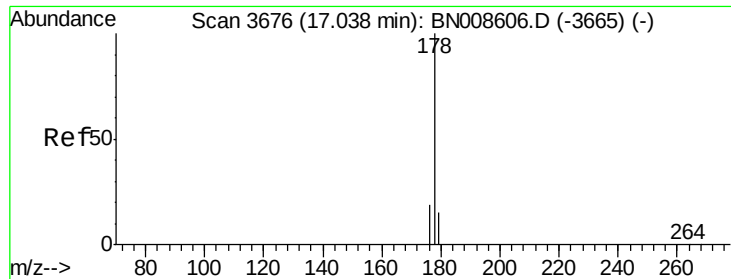
Delta R.T. 0.00 min

Lab File: BN008611.D

Acq: 18 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
266	100		
264	75.8	49.2	73.8#
268	66.7	50.9	76.3





#12

Phenanthrene

Concen: 5.569 ng/ul

RT: 17.04 min Scan# 3676

Delta R.T. -0.00 min

Lab File: BN008611.D

Acq: 18 Nov 2019 19:31

Instrument :

BNA_N

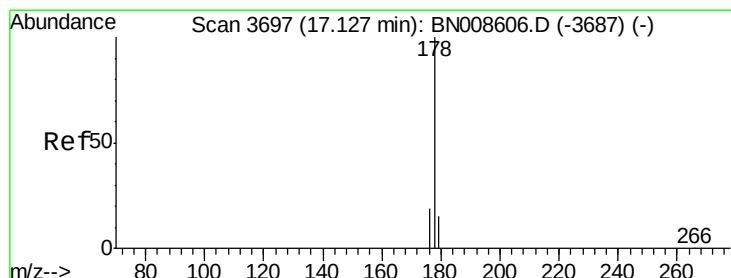
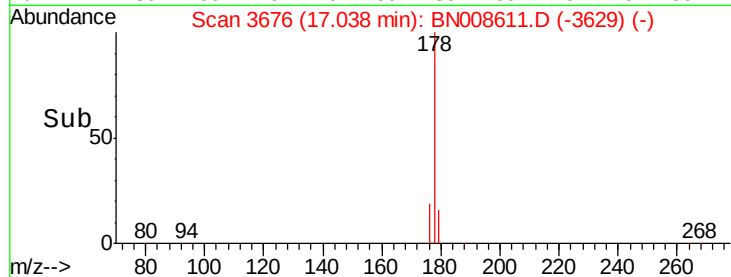
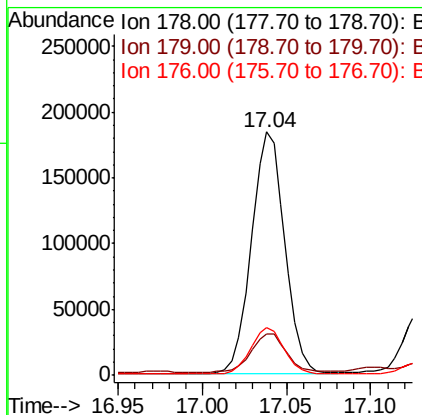
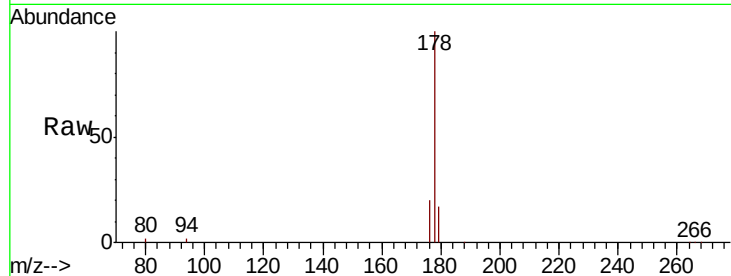
ClientSampleId :

JLM93

Tot Ion:178	Resp:	252356
Ion Ratio	Lower	Upper
178 100		
179 17.0	12.8	19.2
176 19.5	16.0	24.0

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#13

Anthracene

Concen: 1.508 ng/ul

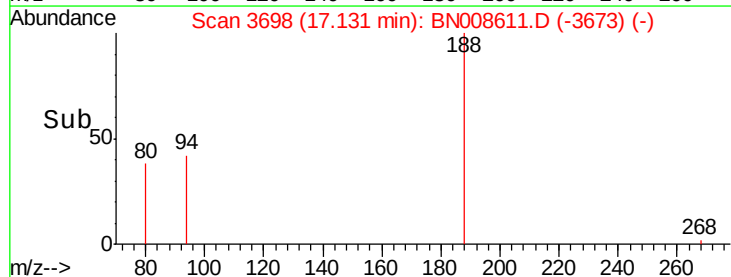
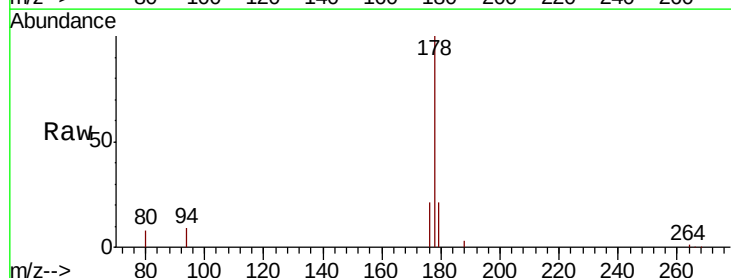
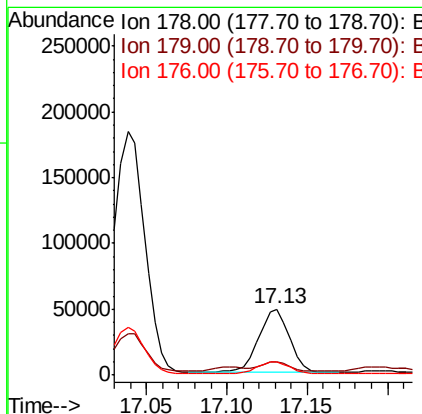
RT: 17.13 min Scan# 3698

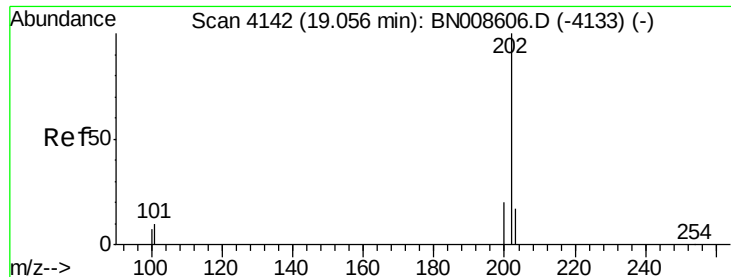
Delta R.T. 0.00 min

Lab File: BN008611.D

Acq: 18 Nov 2019 19:31

Tgt Ion:178	Resp:	64555
Ion Ratio	Lower	Upper
178 100		
179 20.6	13.0	19.4#
176 20.6	15.3	22.9





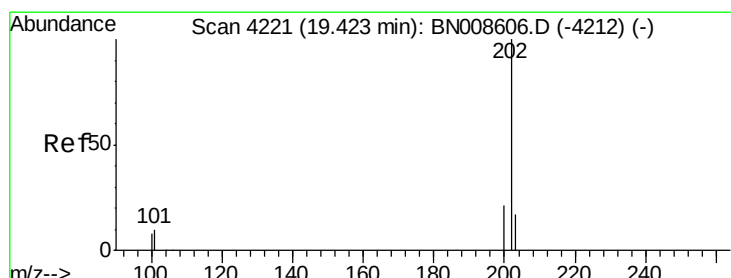
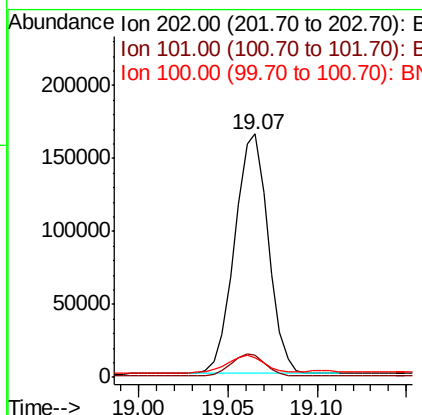
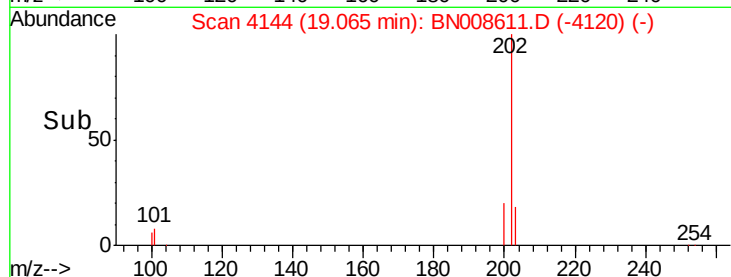
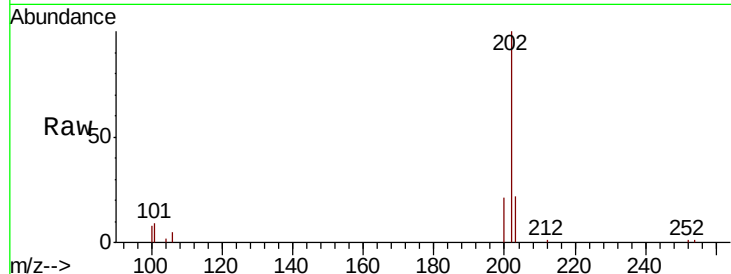
#15
Fluoranthene
Concen: 3.877 ng/ul
RT: 19.07 min Scan# 4144
Delta R.T. 0.01 min
Lab File: BN008611.D
Acq: 18 Nov 2019 19:31

Instrument :
BNA_N
ClientSampleId :
JLM93

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.0	0.0	29.6
100	8.1	0.0	27.0

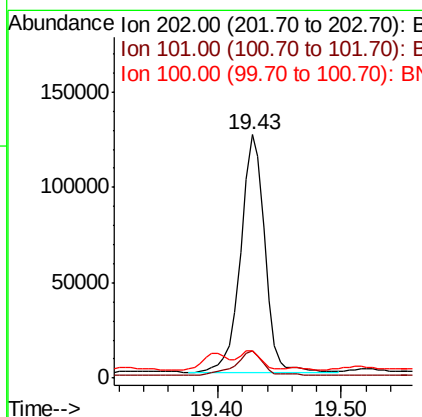
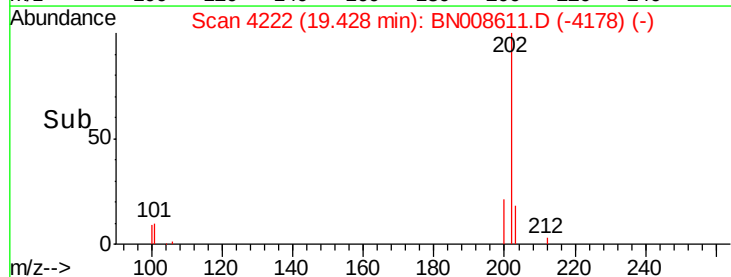
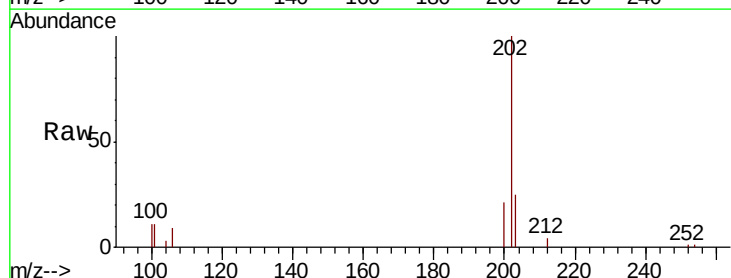
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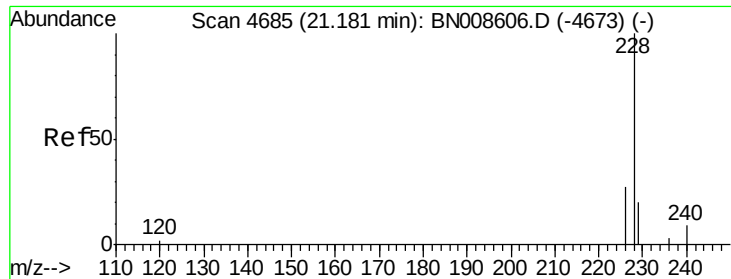
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#17
Pyrene
Concen: 4.843 ng/ul
RT: 19.43 min Scan# 4222
Delta R.T. 0.00 min
Lab File: BN008611.D
Acq: 18 Nov 2019 19:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.1	10.2	15.2
100	11.2	8.2	12.2





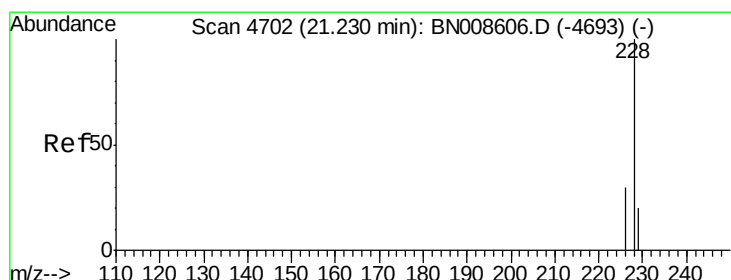
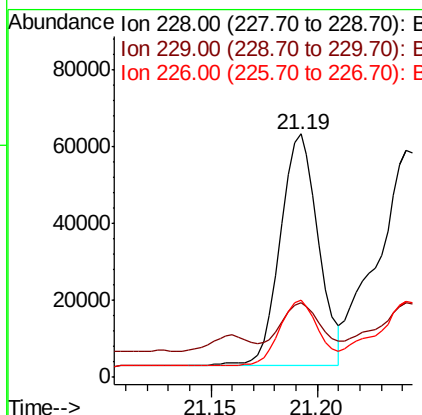
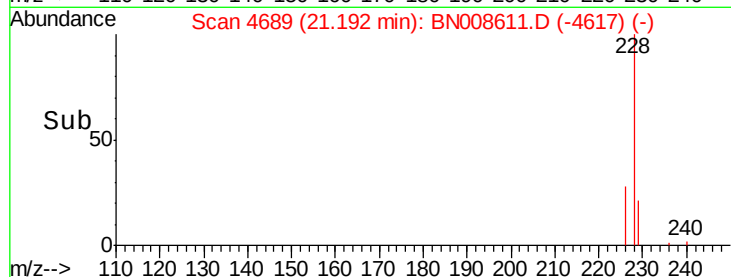
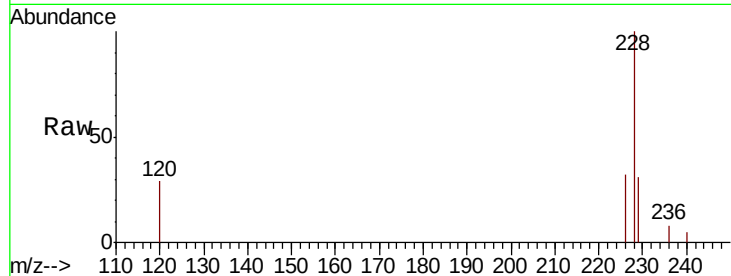
#18
Benzo(a)anthracene
Concen: 2.158 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. 0.01 min
Lab File: BN008611.D
Acq: 18 Nov 2019 19:31

Instrument :
BNA_N
ClientSampleId :
JLM93

Tot Ion:228 Resp: 75374
Ion Ratio Lower Upper
228 100
229 30.6 15.8 23.6#
226 31.8 21.6 32.4

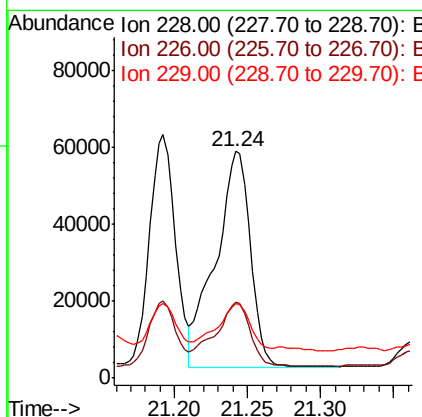
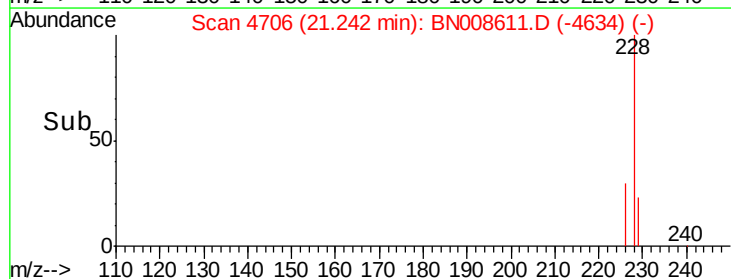
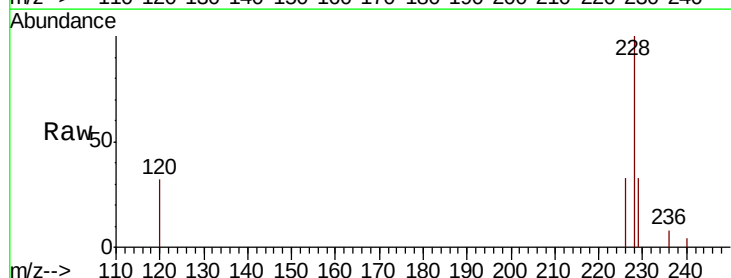
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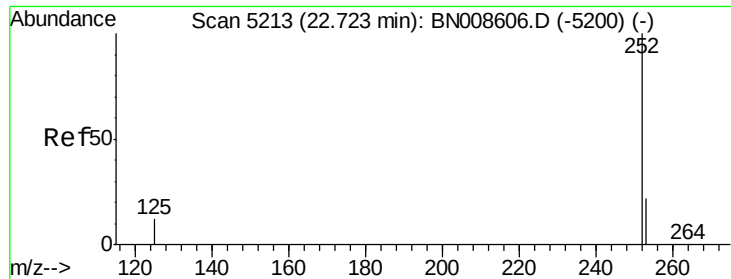
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#19
Chrysene
Concen: 2.708 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. 0.01 min
Lab File: BN008611.D
Acq: 18 Nov 2019 19:31

Tgt Ion:228 Resp: 92902
Ion Ratio Lower Upper
228 100
226 33.4 24.5 36.7
229 32.7 15.5 23.3#





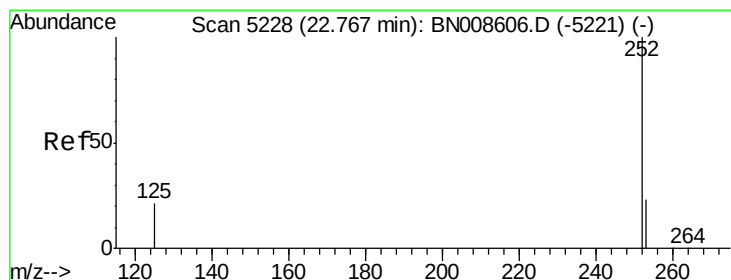
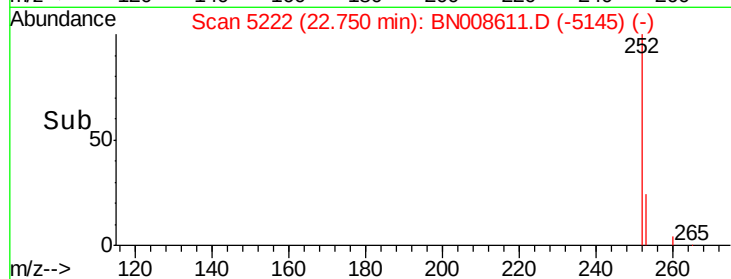
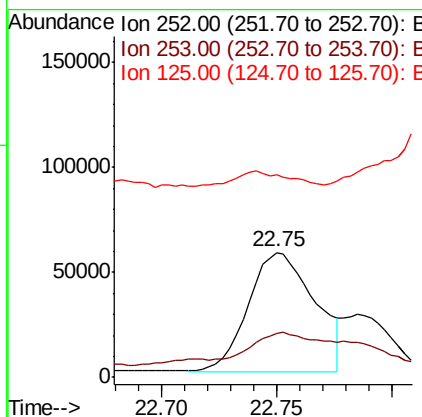
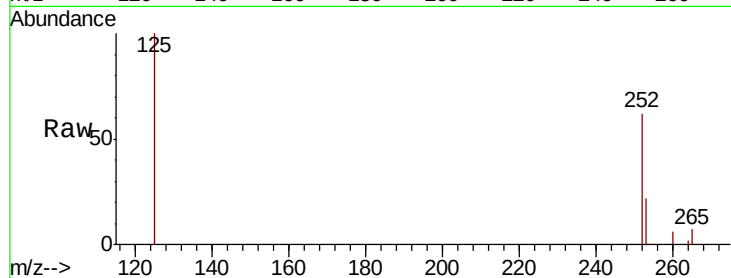
#21
Benzo(b)fluoranthene
Concen: 2.971 ng/ul m
RT: 22.75 min Scan# 5222
Delta R.T. 0.03 min
Lab File: BN008611.D
Acq: 18 Nov 2019 19:31

Instrument :
BNA_N
ClientSampleId :
JLM93

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	35.0	0.0	50.2
125	162.0	0.0	30.0#

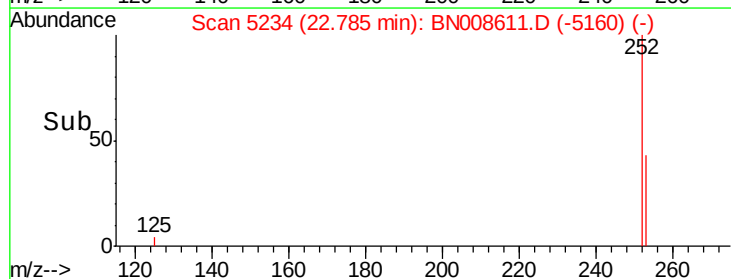
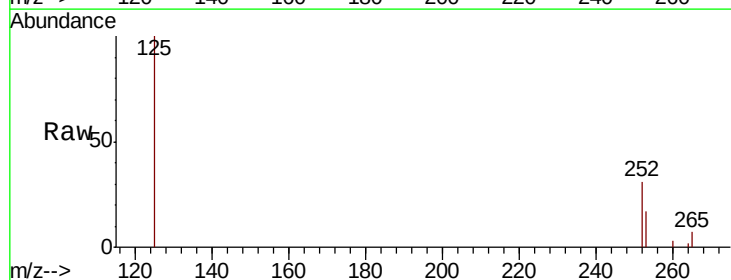
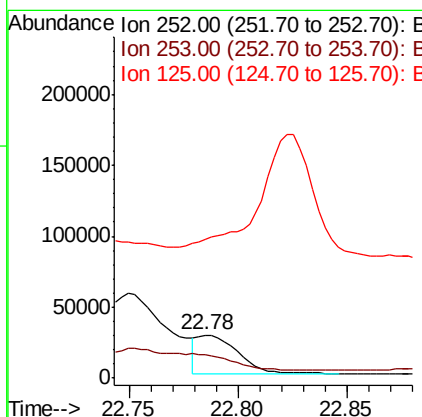
Manual Integrations
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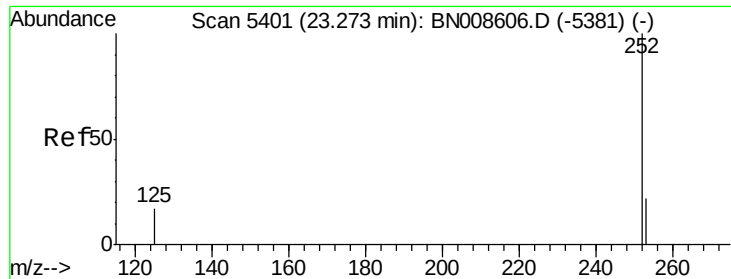
mohammad
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#22
Benzo(k)fluoranthene
Concen: 0.914 ng/ul m
RT: 22.78 min Scan# 5234
Delta R.T. 0.02 min
Lab File: BN008611.D
Acq: 18 Nov 2019 19:31

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	55.4	20.5	30.7#
125	324.6	15.0	22.4#





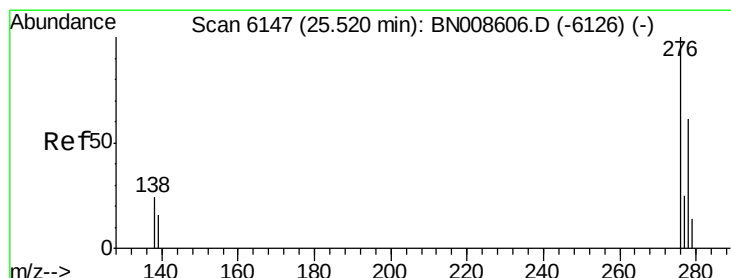
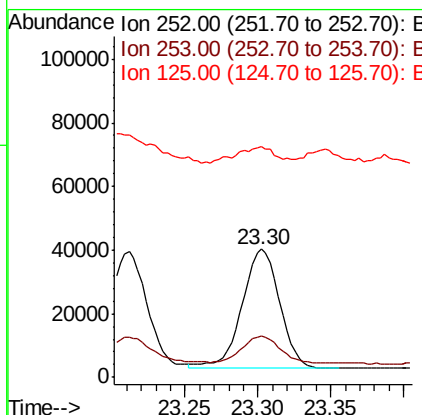
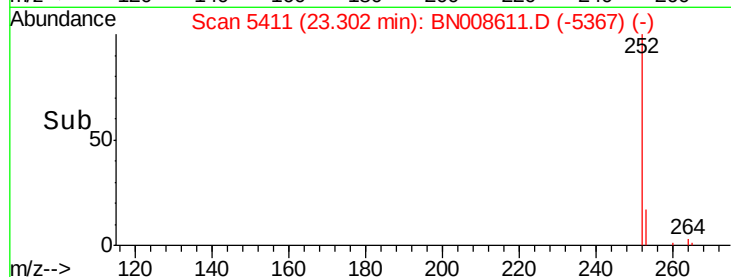
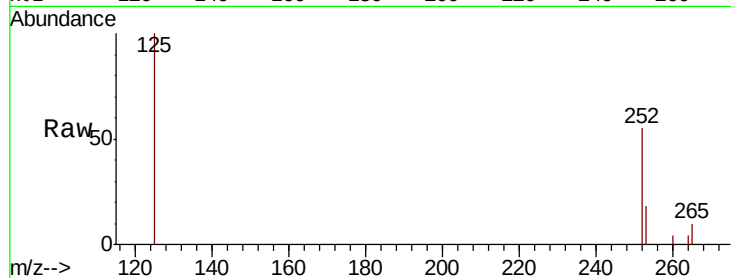
#23
Benzo(a)pyrene
Concen: 1.836 ng/ul
RT: 23.30 min Scan# 5411
Delta R.T. 0.03 min
Lab File: BN008611.D
Acq: 18 Nov 2019 19:31

Instrument :
BNA_N
ClientSampleId :
JLM93

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.9	21.4	32.2
125	180.3	13.8	20.8

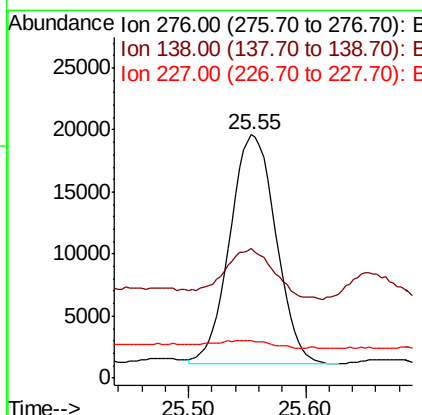
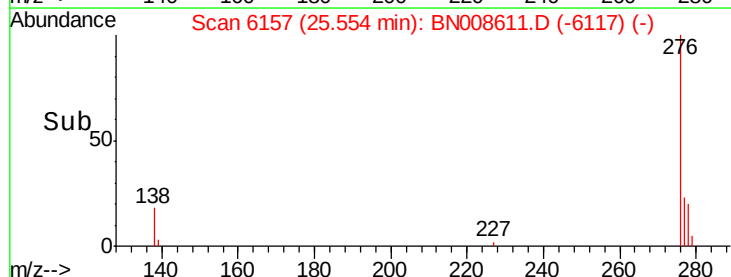
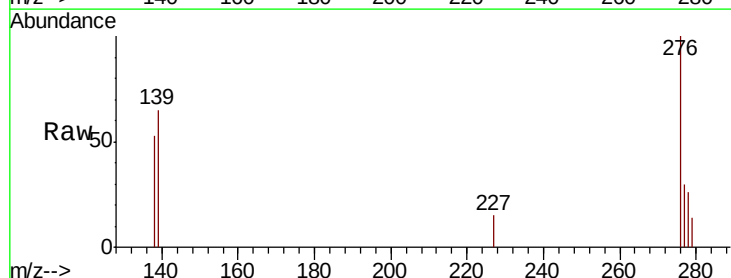
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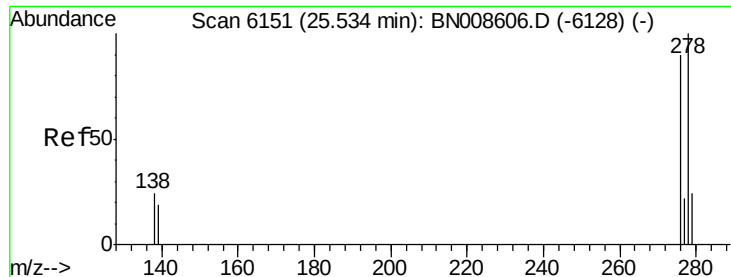
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#24
Indeno(1,2,3-cd)pyrene
Concen: 1.172 ng/ul
RT: 25.55 min Scan# 6157
Delta R.T. 0.03 min
Lab File: BN008611.D
Acq: 18 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.7	32.5
227	3.5	0.2	0.2





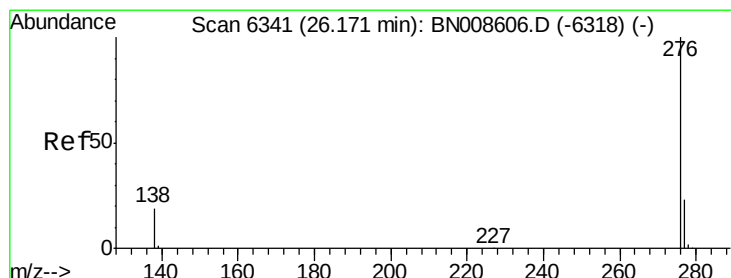
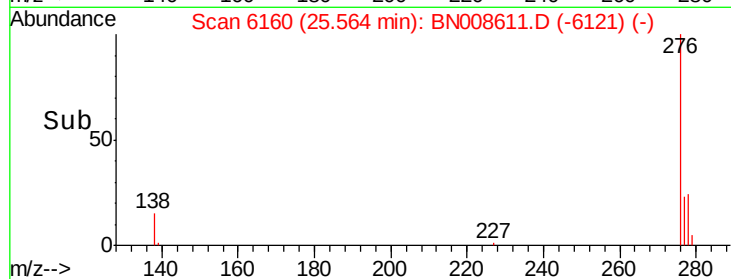
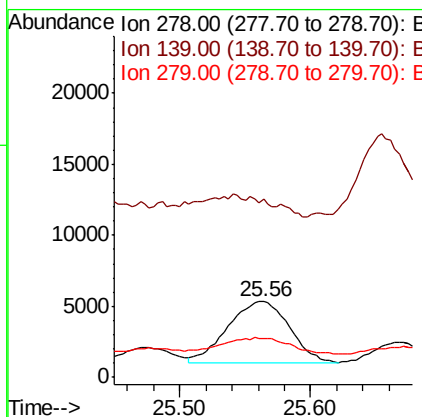
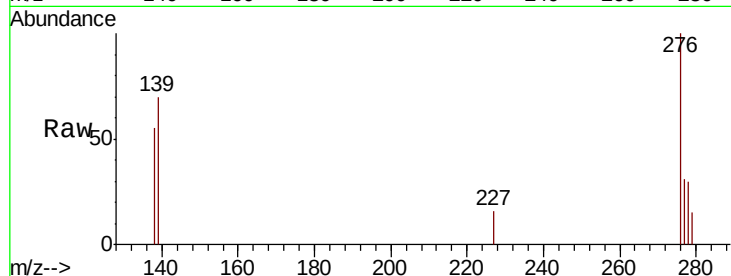
#25
Dibenzo(a,h)anthracene
Concen: 0.401 ng/ul
RT: 25.56 min Scan# 6160
Delta R.T. 0.03 min
Lab File: BN008611.D
Acq: 18 Nov 2019 19:31

Instrument :
BNA_N
ClientSampleId :
JLM93

Tot Ion	Ratio	Lower	Upper
278	100		
139	234.8	18.7	28.1#
279	51.2	20.8	31.2#

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#26
Benzo(g,h,i)perylene
Concen: 1.556 ng/ul
RT: 26.21 min Scan# 6353
Delta R.T. 0.04 min
Lab File: BN008611.D
Acq: 18 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	43.7	20.0	30.0#
277	29.2	20.0	30.0

