

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
 Data File : BN008613.D
 Acq On : 18 Nov 2019 20:43
 Operator : JU
 Sample : K5678-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM98

Manual Integrations
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Quant Time: Nov 19 02:58:45 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	2930	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	10586	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	6494	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	12641	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	9937	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	10366	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3517	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	7553	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	12146	0.381	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	4623	0.207	ng/ul	99
7) Acenaphthylene	13.97	152	4491	0.125	ng/ul#	91
8) Acenaphthene	14.32	153	838	0.031	ng/ul#	88
9) Fluorene	15.31	166	1466	0.047	ng/ul#	82
11) Pentachlorophenol	16.66	266	1422	0.297	ng/ul	98
12) Phenanthrene	17.04	178	23758	0.557	ng/ul#	94
13) Anthracene	17.13	178	4588	0.114	ng/ul#	60
15) Fluoranthene	19.06	202	36019	0.688	ng/ul	96
17) Pyrene	19.42	202	46419	1.164	ng/ul	98
18) Benzo(a)anthracene	21.18	228	21612	0.541	ng/ul#	79
19) Chrysene	21.23	228	33203	0.846	ng/ul#	88
21) Benzo(b)fluoranthene	22.73	252	51552m	1.206	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	17760m	0.419	ng/ul	
23) Benzo(a)pyrene	23.28	252	32895	0.820	ng/ul#	40
24) Indeno(1,2,3-cd)pyrene	25.54	276	24472	0.522	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.54	278	6203	0.164	ng/ul#	1
26) Benzo(g,h,i)perylene	26.19	276	25213	0.642	ng/ul#	63

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

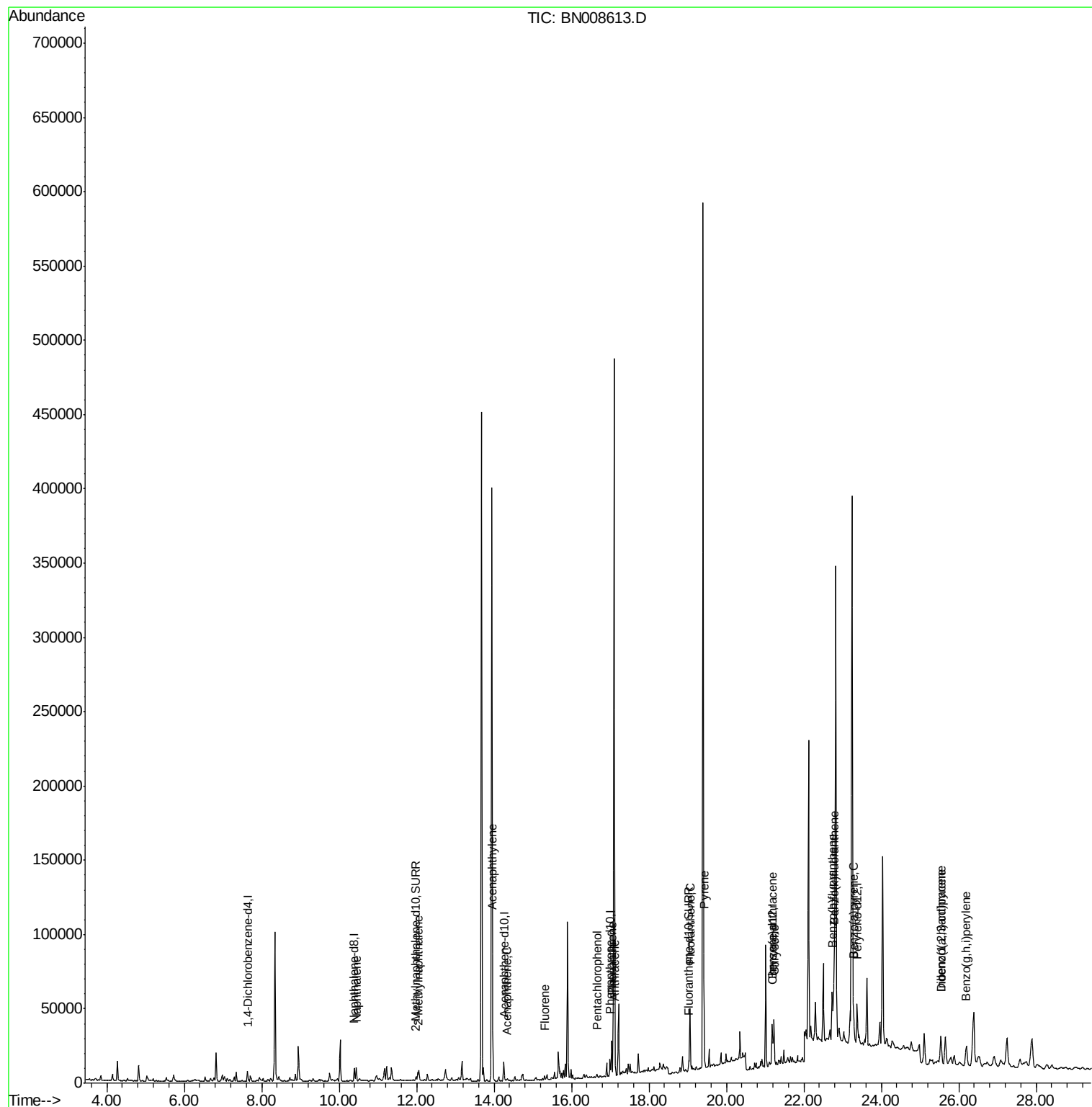
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
Data File : BN008613.D
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Sample : K5678-13
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ALS Vial : 19 Sample Multiplier: 1

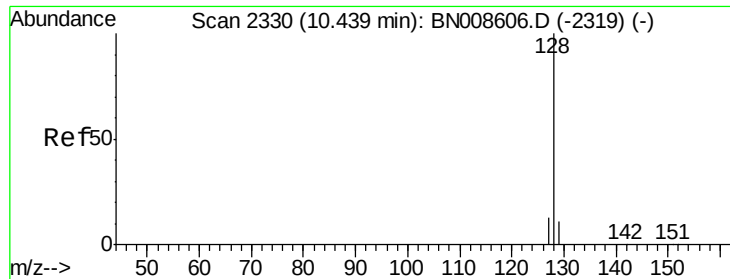
Instrument :
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Quant Time: Nov 19 02:58:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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QLast Update : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.381 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008613.D

Acq: 18 Nov 2019 20:43

Instrument :

BNA_N

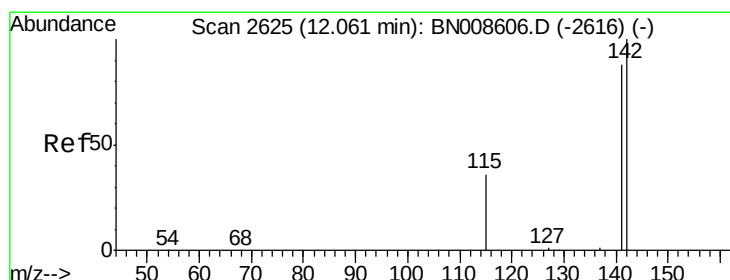
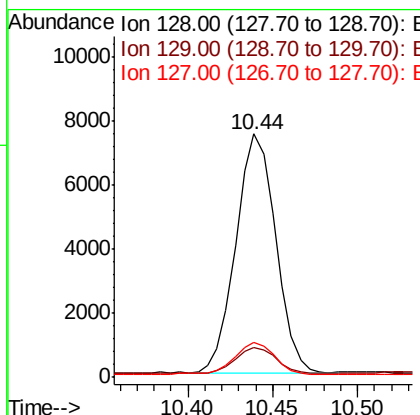
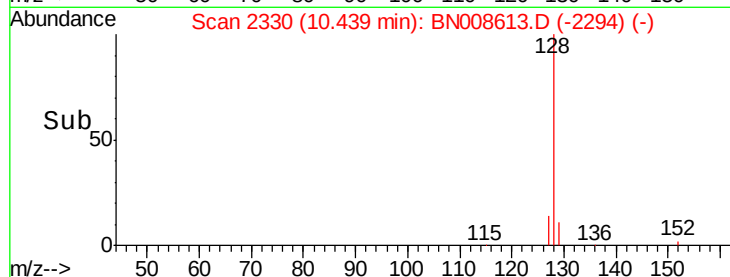
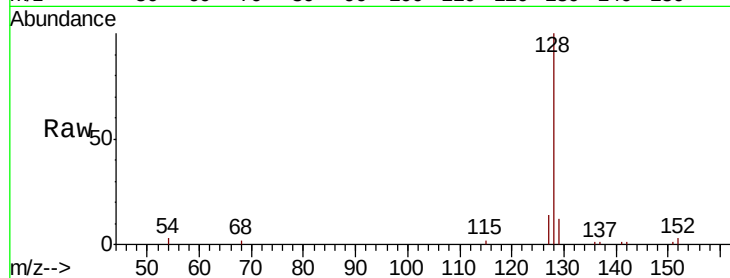
ClientSampleId :

JLM98

Tot Ion:128	Resp:	12146
Ion Ratio	Lower	Upper
128	100	
129	12.2	9.7 14.5
127	14.4	10.8 16.2

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#5

2-Methylnaphthalene

Concen: 0.207 ng/ul

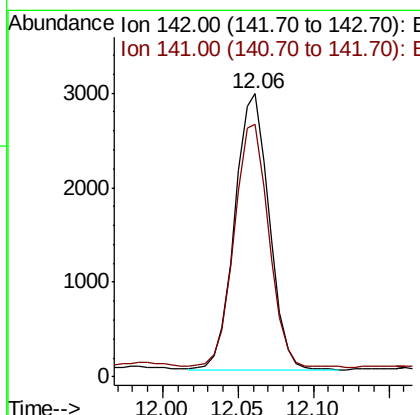
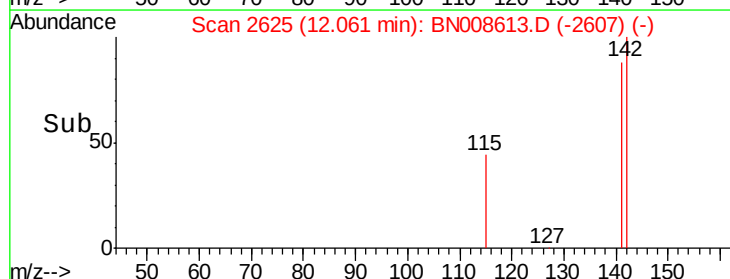
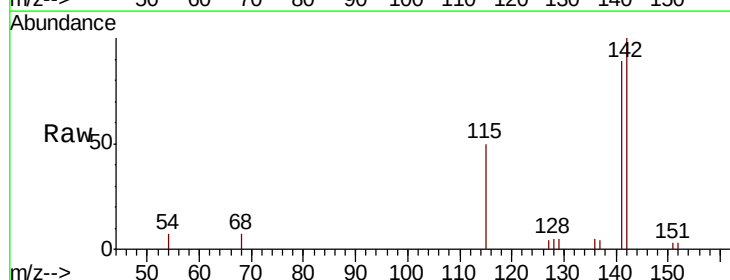
RT: 12.06 min Scan# 2625

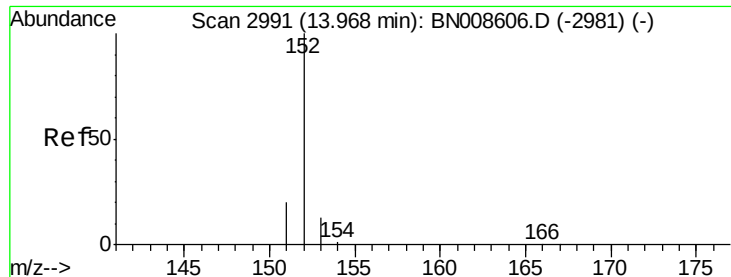
Delta R.T. -0.00 min

Lab File: BN008613.D

Acq: 18 Nov 2019 20:43

Tgt Ion:142	Resp:	4623
Ion Ratio	Lower	Upper
142	100	
141	89.0	70.5 105.7





#7

Acenaphthylene

Concen: 0.125 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BN008613.D

Acq: 18 Nov 2019 20:43

Instrument :

BNA_N

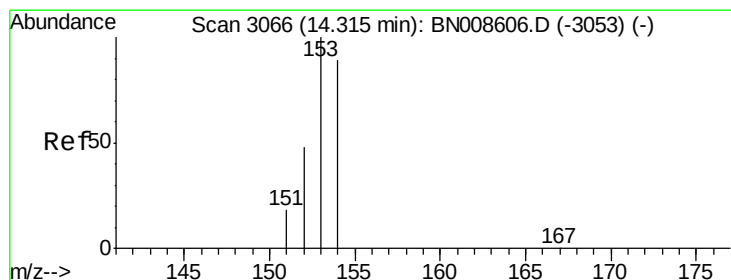
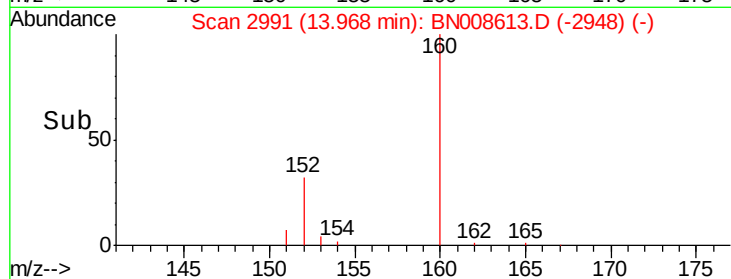
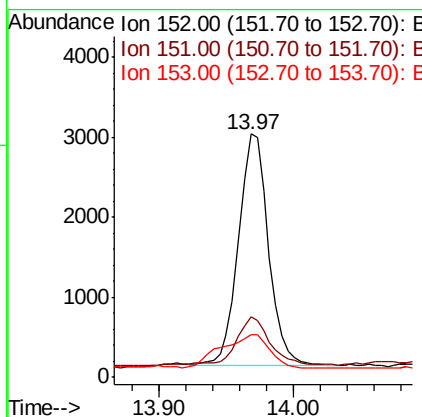
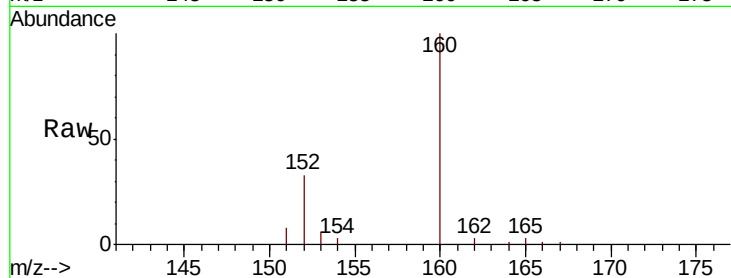
ClientSampleId :

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Tot Ion:	152	Resp:	4491
Ion Ratio	Lower	Upper	
152	100		
151	24.8	16.6	24.8
153	17.3	11.1	16.7

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#8

Acenaphthene

Concen: 0.031 ng/ul

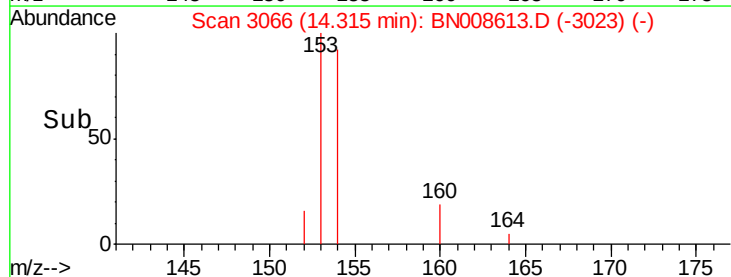
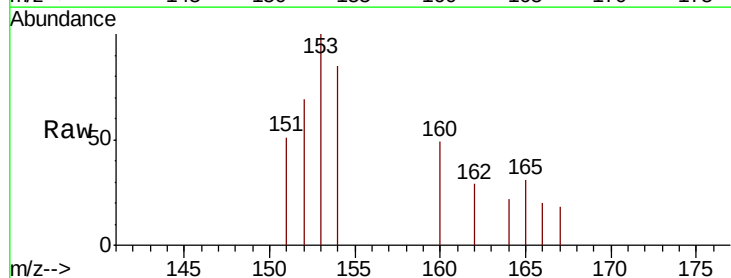
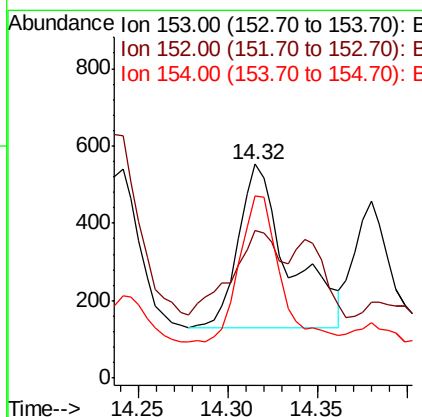
RT: 14.32 min Scan# 3066

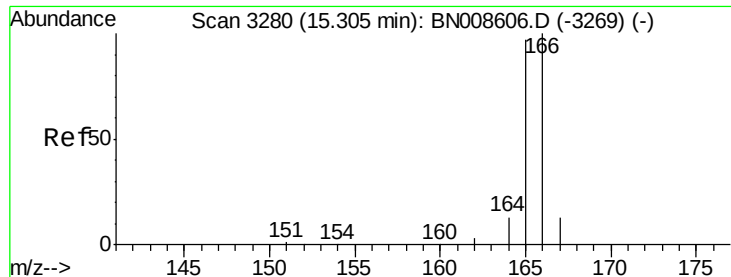
Delta R.T. -0.00 min

Lab File: BN008613.D

Acq: 18 Nov 2019 20:43

Tgt Ion:	153	Resp:	838
Ion Ratio	Lower	Upper	
153	100		
152	68.8	39.6	59.4
154	85.3	70.6	106.0





#9

Fluorene

Concen: 0.047 ng/ul

RT: 15.31 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BN008613.D

Acq: 18 Nov 2019 20:43

Instrument :

BNA_N

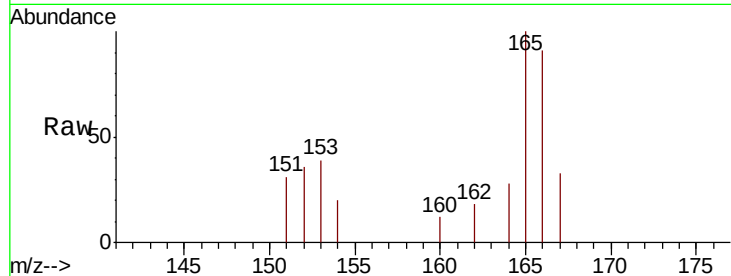
ClientSampleId :

JLM98

Tot Ion	Ratio	Lower	Upper
166	100		
165	109.8	77.4	116.0
167	36.0	11.4	17.0

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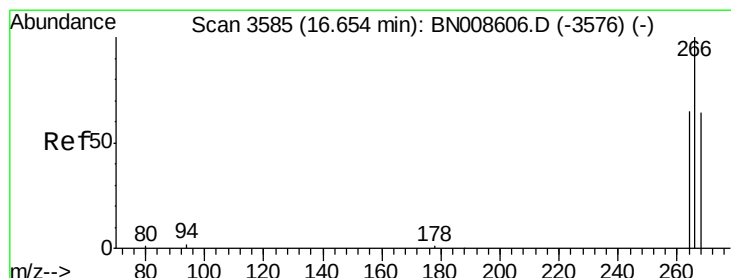
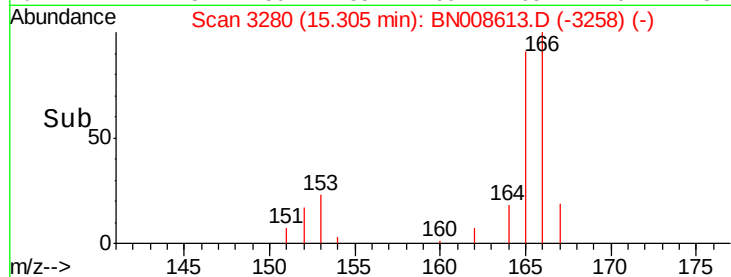
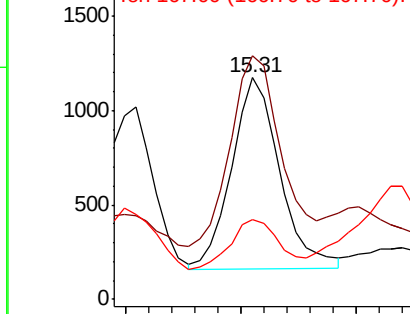


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.297 ng/ul

RT: 16.66 min Scan# 3586

Delta R.T. 0.00 min

Lab File: BN008613.D

Acq: 18 Nov 2019 20:43

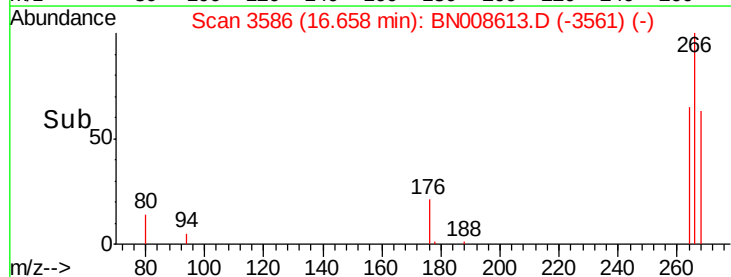
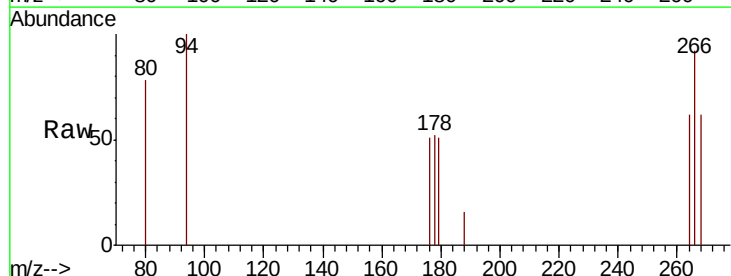
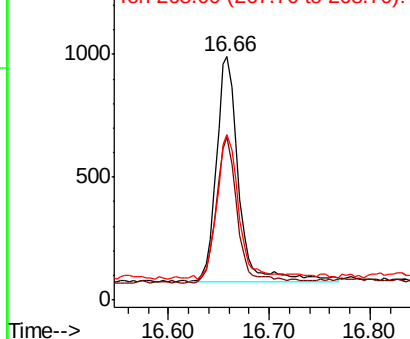
Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.2	73.8
268	61.5	50.9	76.3

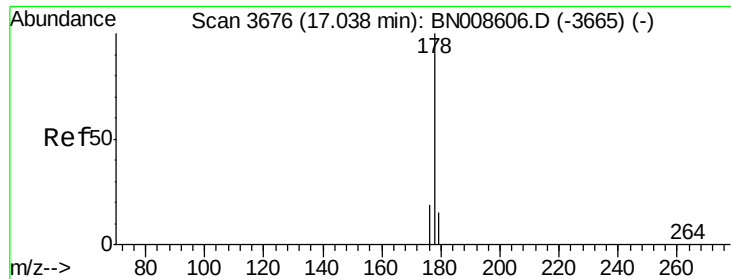
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





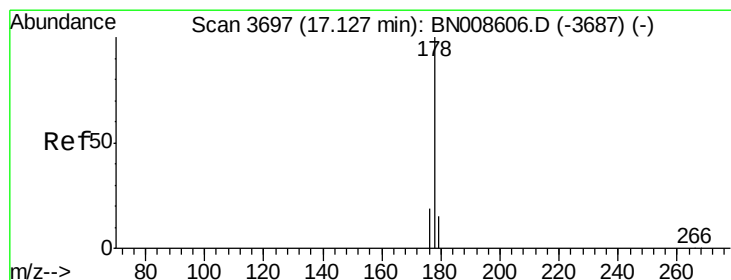
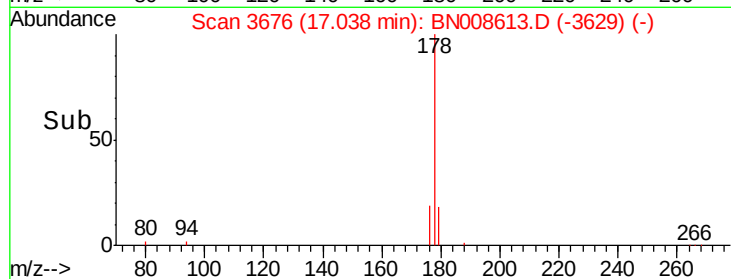
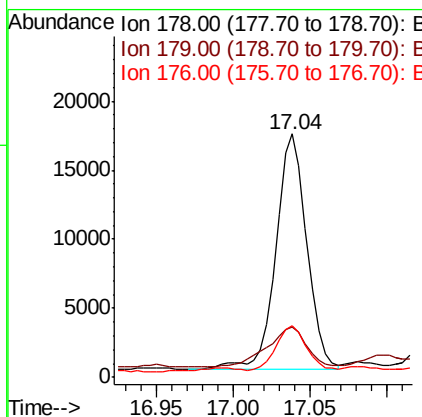
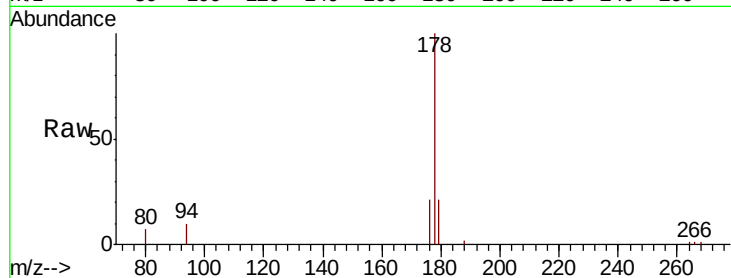
#12
Phenanthrene
Concen: 0.557 ng/ul
RT: 17.04 min Scan# 3676
Delta R.T. -0.00 min
Lab File: BN008613.D
Acq: 18 Nov 2019 20:43

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	20.8	12.8	19.2#
176	21.1	16.0	24.0

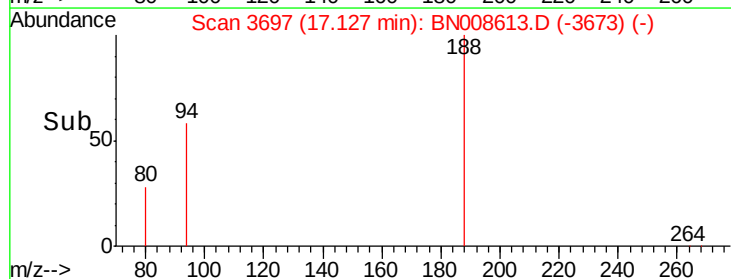
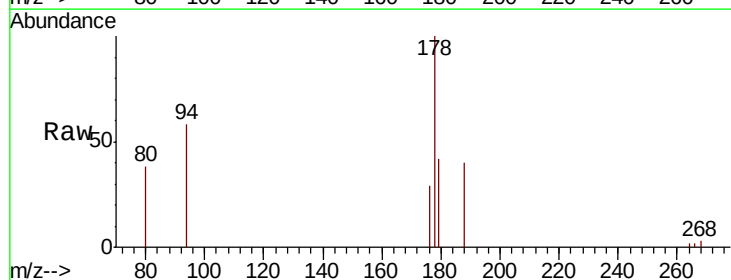
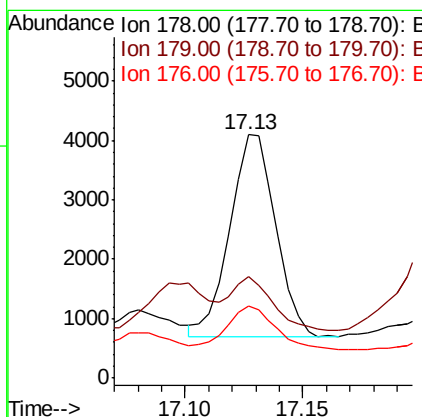
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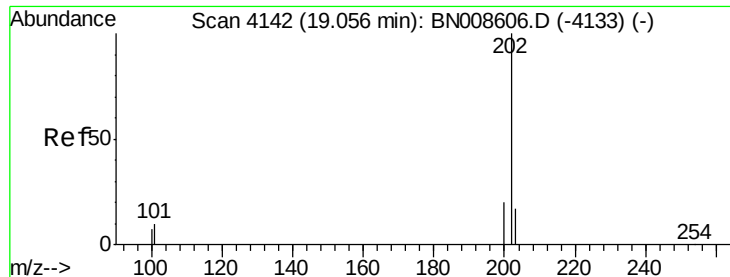
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#13
Anthracene
Concen: 0.114 ng/ul
RT: 17.13 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BN008613.D
Acq: 18 Nov 2019 20:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	41.7	13.0	19.4#
176	29.5	15.3	22.9#





#15

Fluoranthene

Concen: 0.688 ng/ul

RT: 19.06 min Scan# 4143

Delta R.T. 0.00 min

Lab File: BN008613.D

Acq: 18 Nov 2019 20:43

Instrument :

BNA_N

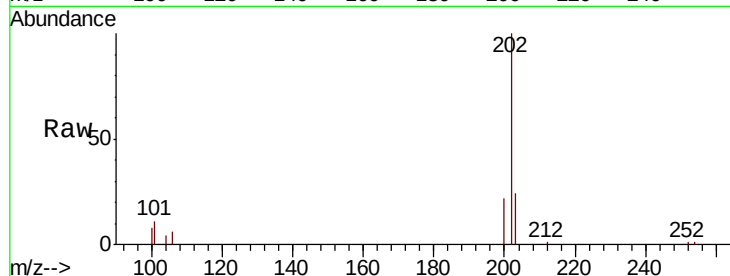
ClientSampleId :

JLM98

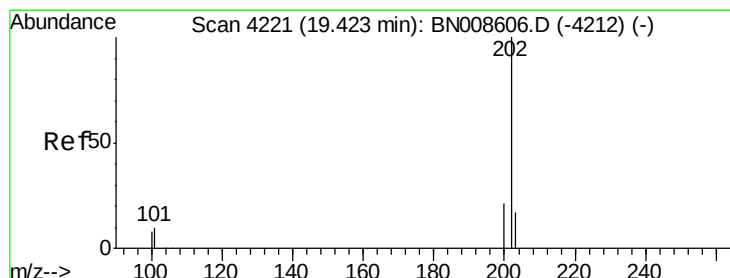
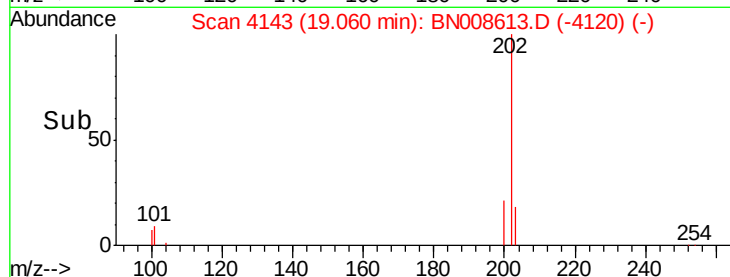
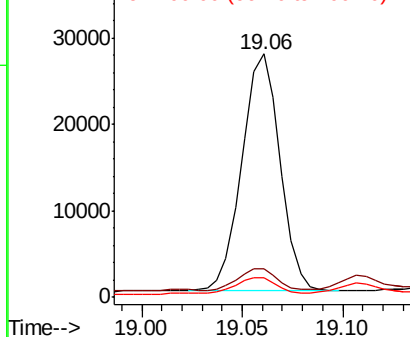
Tot Ion:	202	Resp:	36019
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	29.6
100	8.0	0.0	27.0

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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: 1.164 ng/ul

RT: 19.42 min Scan# 4221

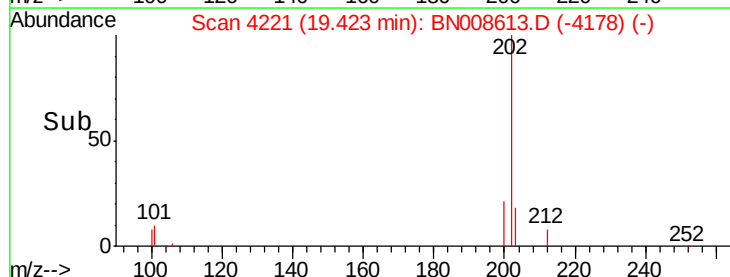
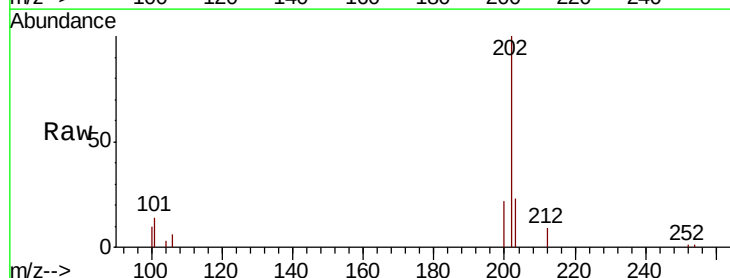
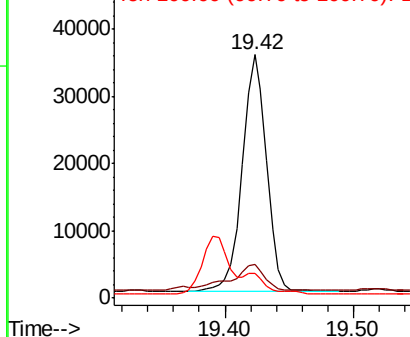
Delta R.T. -0.00 min

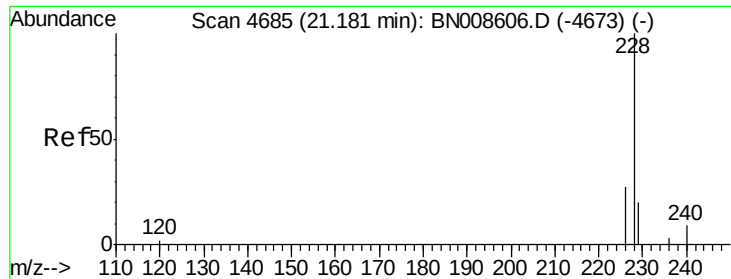
Lab File: BN008613.D

Acq: 18 Nov 2019 20:43

Tgt Ion:	202	Resp:	46419
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.2	15.2
100	9.9	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: 0.541 ng/ul

RT: 21.18 min Scan# 4685

Delta R.T. -0.00 min

Lab File: BN008613.D

Acq: 18 Nov 2019 20:43

Instrument :

BNA_N

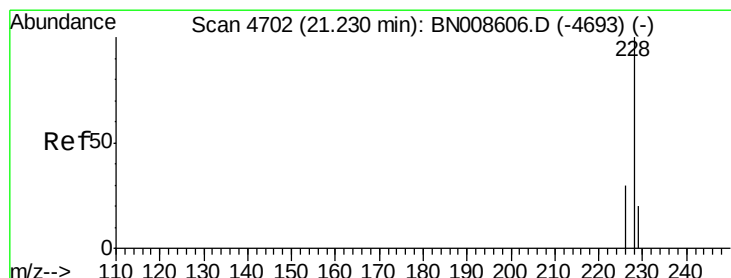
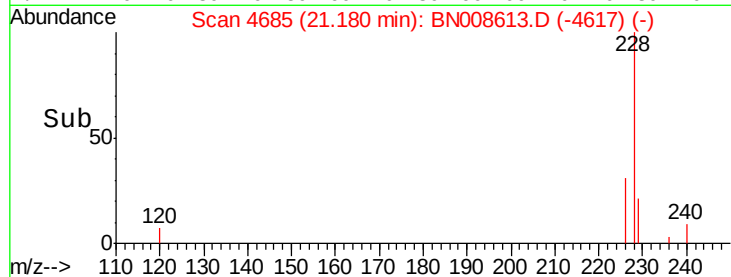
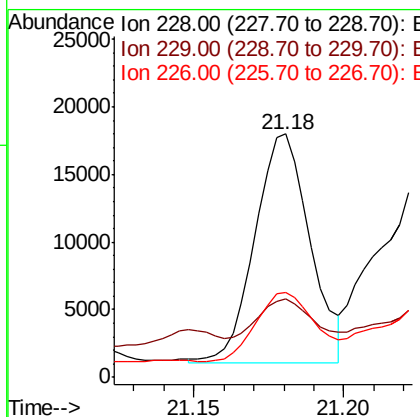
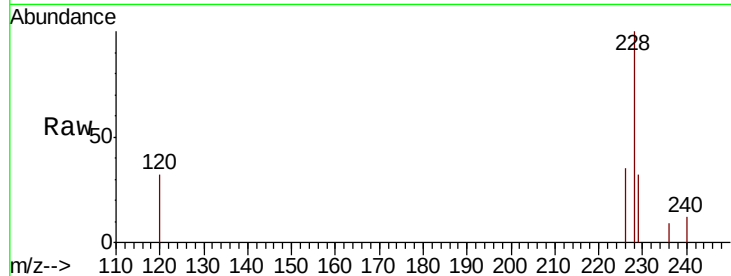
ClientSampleId :

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Tot Ion:	228	Resp:	21612
Ion Ratio	Lower	Upper	
228	100		
229	32.4	15.8	23.6#
226	35.1	21.6	32.4#

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#19

Chrysene

Concen: 0.846 ng/ul

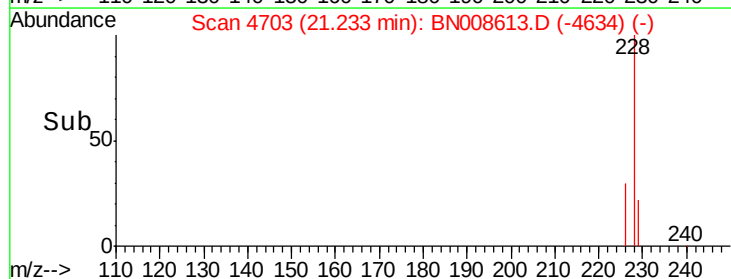
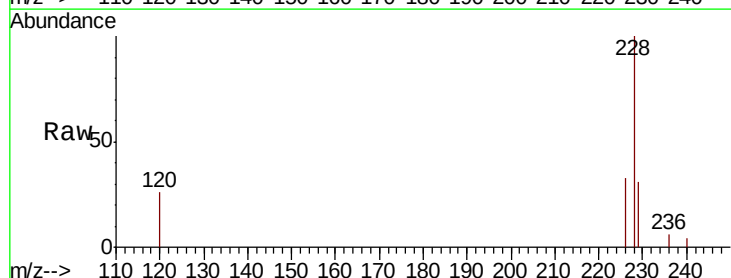
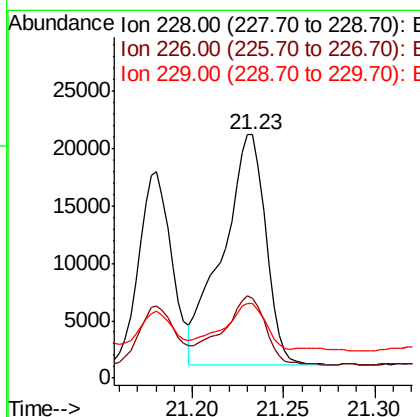
RT: 21.23 min Scan# 4703

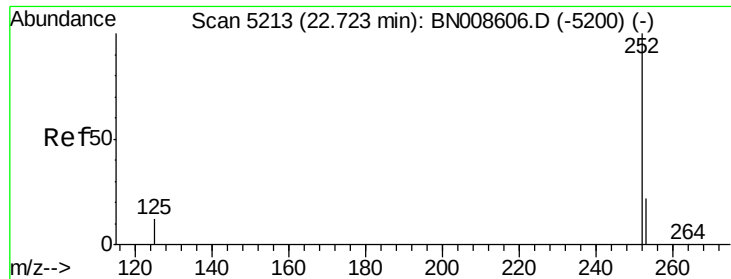
Delta R.T. 0.00 min

Lab File: BN008613.D

Acq: 18 Nov 2019 20:43

Tgt Ion:	228	Resp:	33203
Ion Ratio	Lower	Upper	
228	100		
226	32.9	24.5	36.7
229	30.9	15.5	23.3#





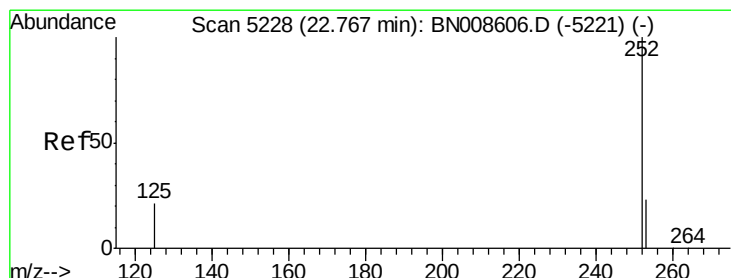
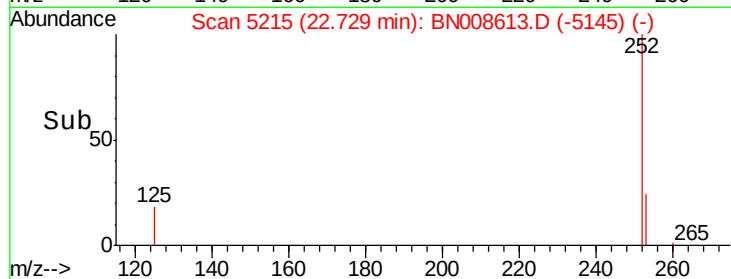
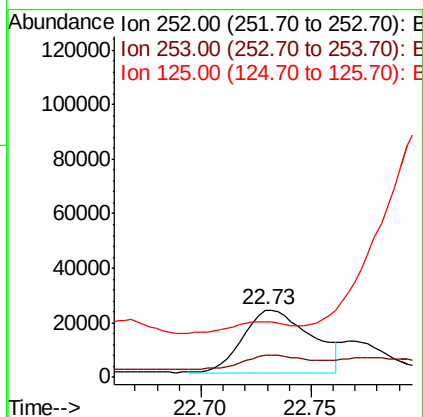
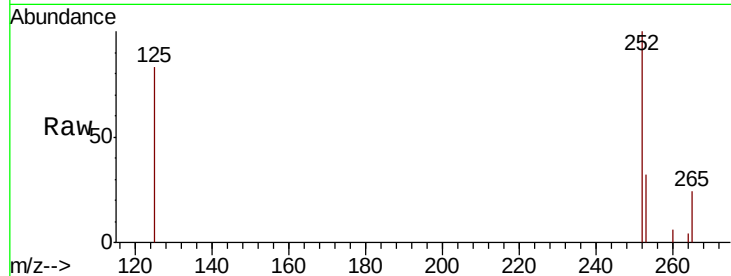
#21
Benzo(b)fluoranthene
Concen: 1.206 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. 0.01 min
Lab File: BN008613.D
Acq: 18 Nov 2019 20:43

Instrument :
BNA_N
ClientSampleId :
JLM98

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	32.5	0.0	50.2
125	83.4	0.0	30.0#

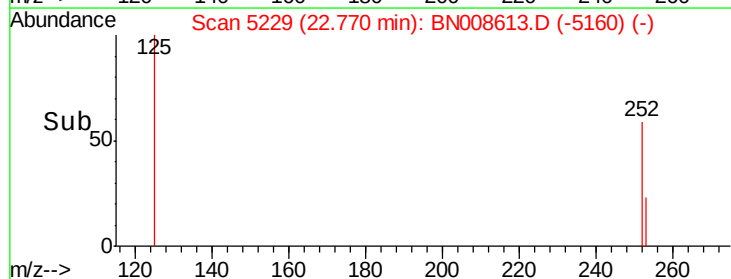
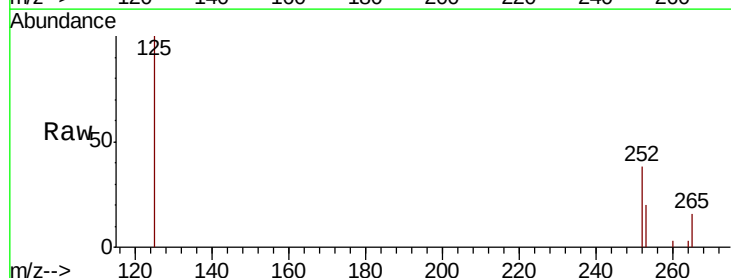
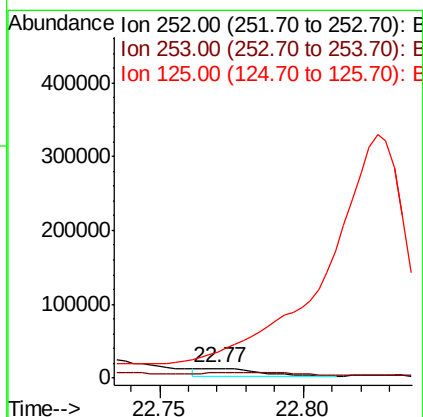
Manual Integrations
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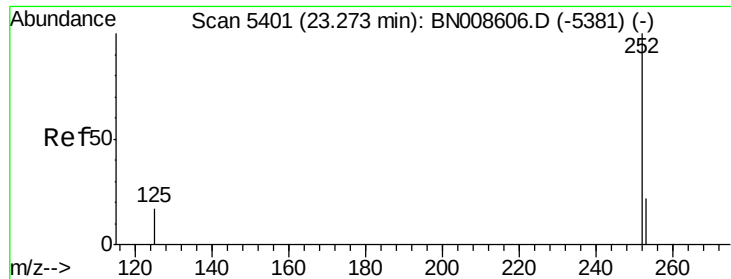
mohammad
11/19/2019 2:45:15 PM



#22
Benzo(k)fluoranthene
Concen: 0.419 ng/ul m
RT: 22.77 min Scan# 5229
Delta R.T. 0.00 min
Lab File: BN008613.D
Acq: 18 Nov 2019 20:43

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	52.5	20.5	30.7#
125	264.6	15.0	22.4#





#23

Benzo(a)pyrene

Concen: 0.820 ng/ul

RT: 23.28 min Scan# 5404

Delta R.T. 0.01 min

Lab File: BN008613.D

Acq: 18 Nov 2019 20:43

Instrument :

BNA_N

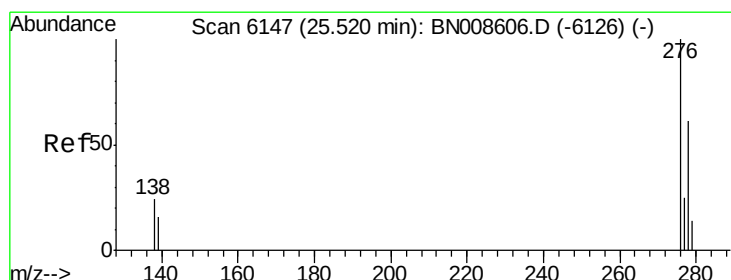
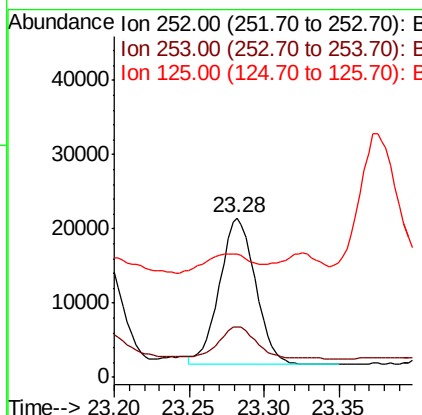
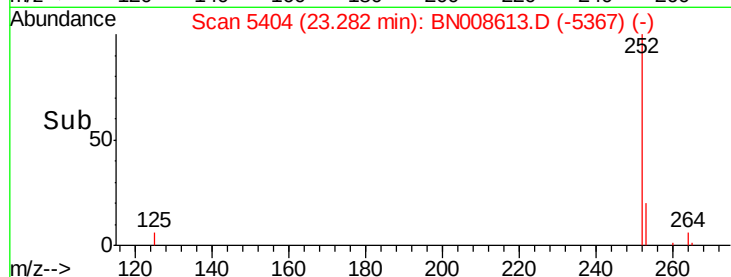
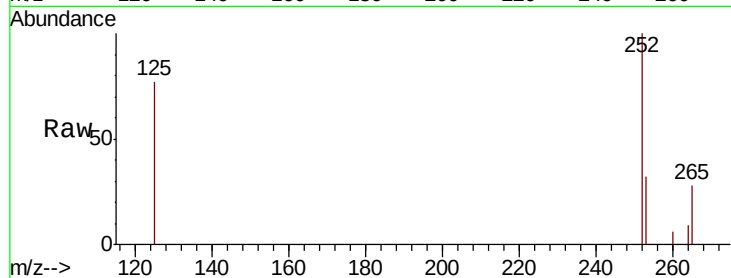
ClientSampleId :

JLM98

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.6	21.4	32.2
125	77.3	13.8	20.8#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.522 ng/ul

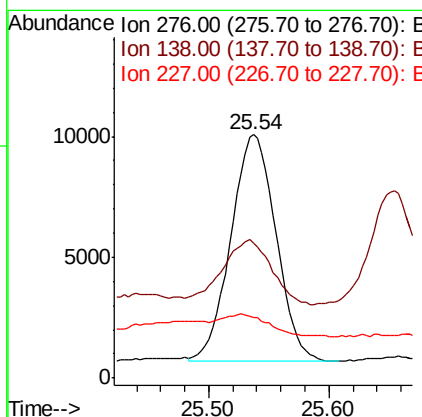
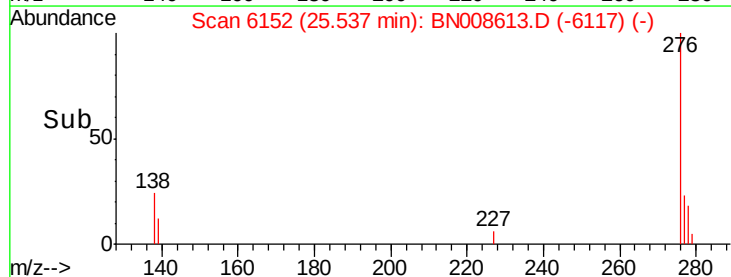
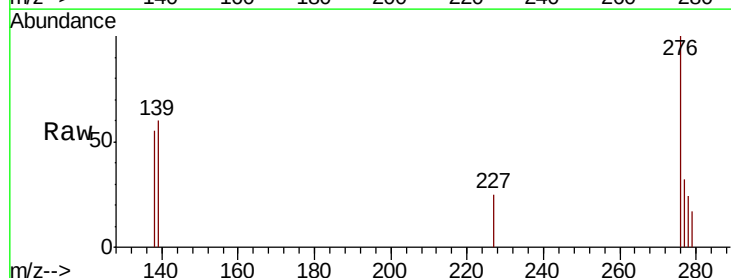
RT: 25.54 min Scan# 6152

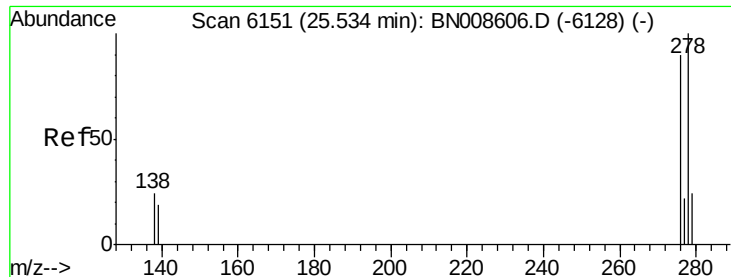
Delta R.T. 0.02 min

Lab File: BN008613.D

Acq: 18 Nov 2019 20:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.1	21.7	32.5
227	0.0	0.2	0.2#





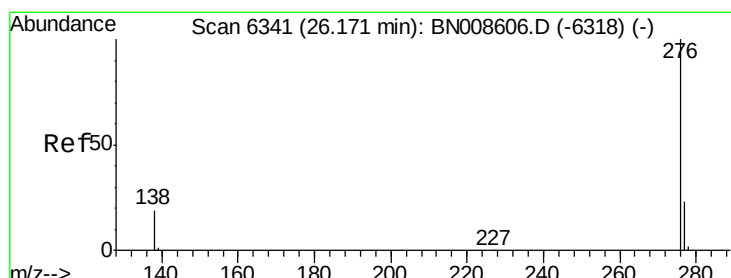
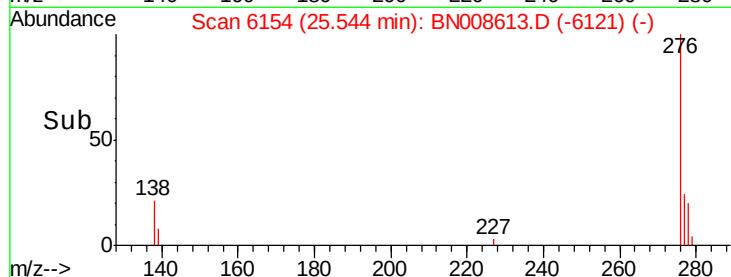
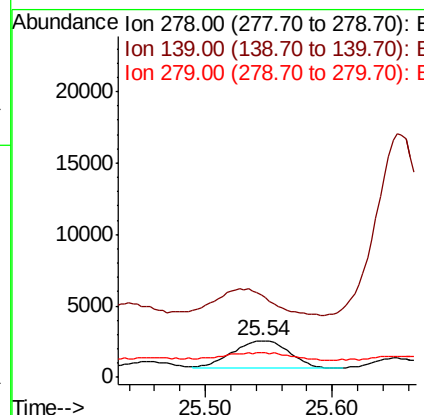
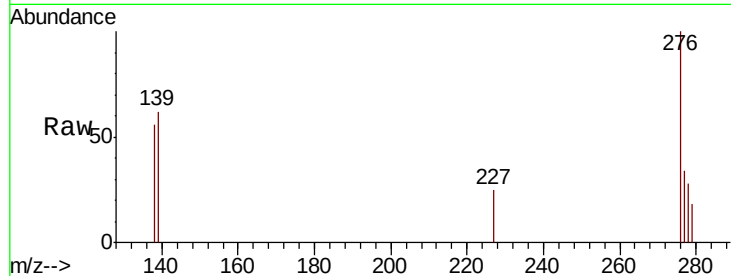
#25
Dibenzo(a,h)anthracene
Concen: 0.164 ng/ul
RT: 25.54 min Scan# 6154
Delta R.T. 0.01 min
Lab File: BN008613.D
Acq: 18 Nov 2019 20:43

Instrument :
BNA_N
ClientSampleId :
JLM98

Tot Ion:278 Resp: 6203
Ion Ratio Lower Upper
278 100
139 224.8 18.7 28.1#
279 65.7 20.8 31.2#

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#26
Benzo(g,h,i)perylene
Concen: 0.642 ng/ul
RT: 26.19 min Scan# 6348
Delta R.T. 0.02 min
Lab File: BN008613.D
Acq: 18 Nov 2019 20:43

Tgt Ion:276 Resp: 25213
Ion Ratio Lower Upper
276 100
138 55.8 20.0 30.0#
277 31.5 20.0 30.0#

