

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
 Data File : BN008600.D
 Acq On : 18 Nov 2019 12:54
 Operator : JU
 Sample : K5678-02DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM57DL

Manual Integrations
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Quant Time: Nov 18 13:42:06 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 : Fri Nov 15 22:41:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3123	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	11116	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6461	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	13622	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	11215	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	11596	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	713	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	1694	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	1565	0.047	ng/ul#	85
5) 2-Methylnaphthalene	12.06	142	997	0.043	ng/ul	99
7) Acenaphthylene	13.96	152	6694	0.187	ng/ul	99
9) Fluorene	15.30	166	1003	0.032	ng/ul#	90
11) Pentachlorophenol	16.65	266	198	0.038	ng/ul	96
12) Phenanthrene	17.03	178	34942	0.761	ng/ul	99
13) Anthracene	17.12	178	3566	0.082	ng/ul#	90
15) Fluoranthene	19.06	202	62176	1.102	ng/ul	100
17) Pyrene	19.42	202	63545	1.412	ng/ul	96
18) Benzo(a)anthracene	21.17	228	20994	0.465	ng/ul#	89
19) Chrysene	21.22	228	31020	0.700	ng/ul#	94
21) Benzo(b)fluoranthene	22.72	252	41709m	0.872	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	12234m	0.258	ng/ul	
23) Benzo(a)pyrene	23.26	252	27648	0.616	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.51	276	21502	0.410	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.51	278	4560	0.108	ng/ul#	14
26) Benzo(a,h,i)perylene	26.16	276	21966	0.500	ng/ul#	92

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

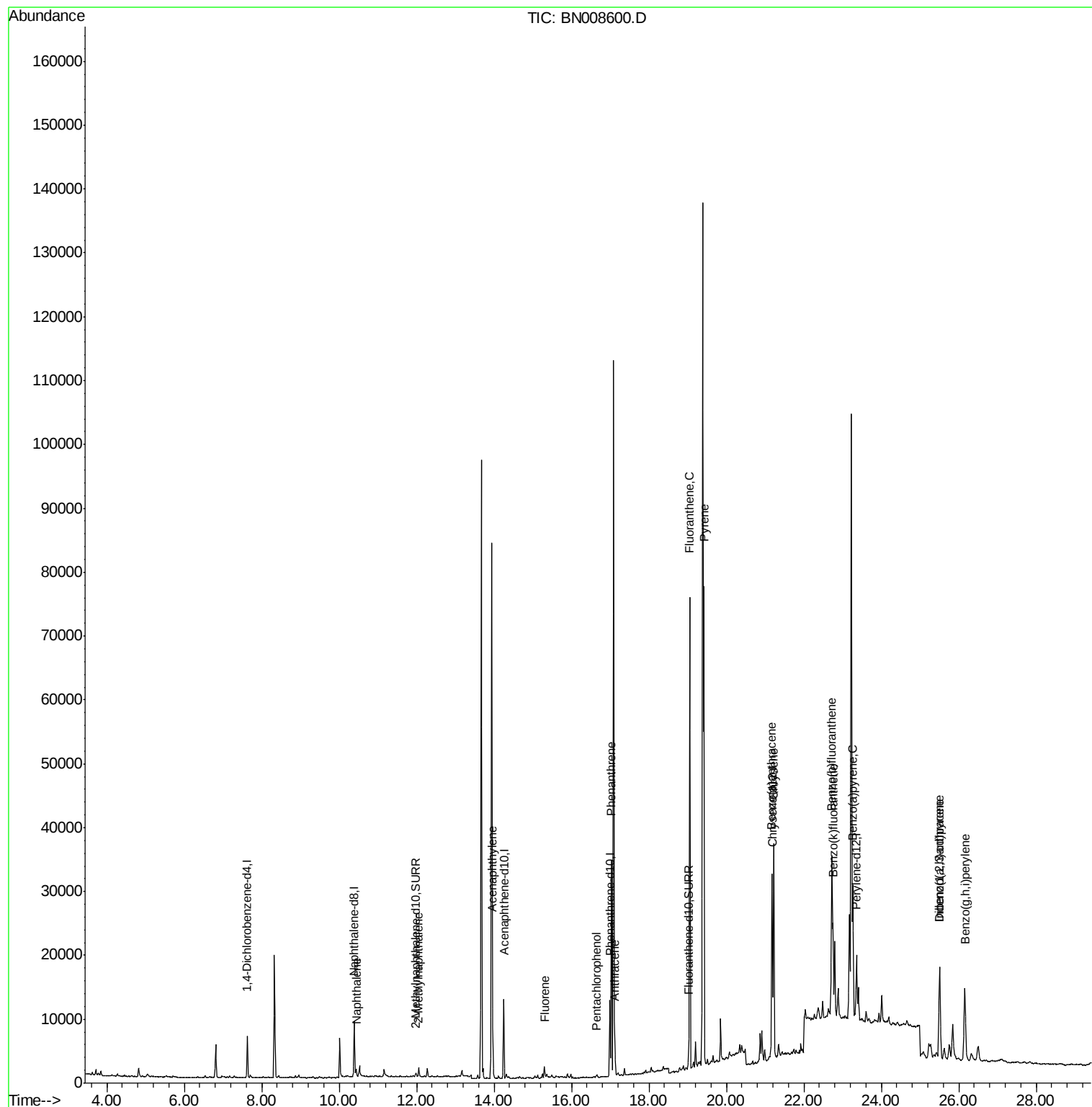
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
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ALS Vial : 7 Sample Multiplier: 1

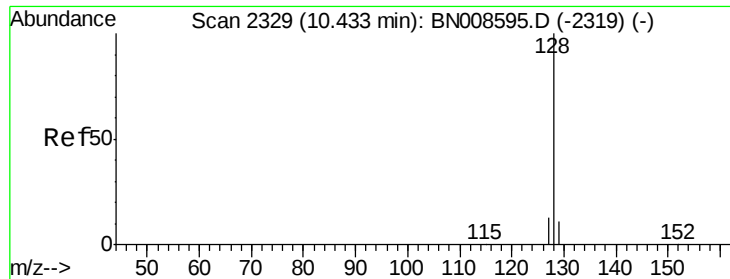
Instrument :
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Quant Time: Nov 18 13:42:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 15 22:41:33 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.047 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008600.D

Acq: 18 Nov 2019 12:54

Instrument :

BNA_N

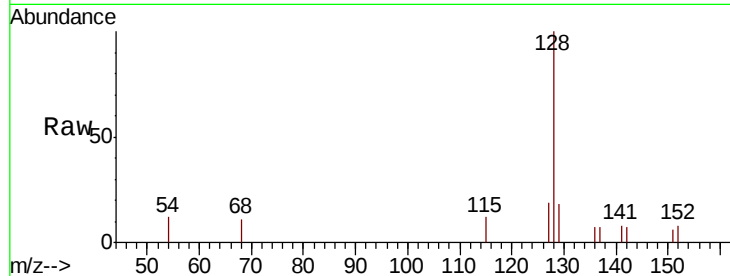
ClientSampleId :

JLM57DL

Tot Ion:	128	Resp:	1565
Ion Ratio	Lower	Upper	
128	100		
129	18.4	9.7	14.5#
127	19.1	10.8	16.2#

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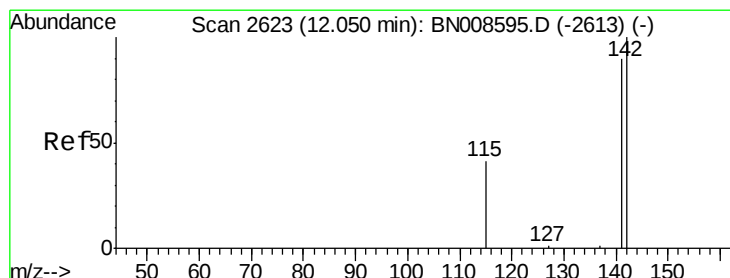
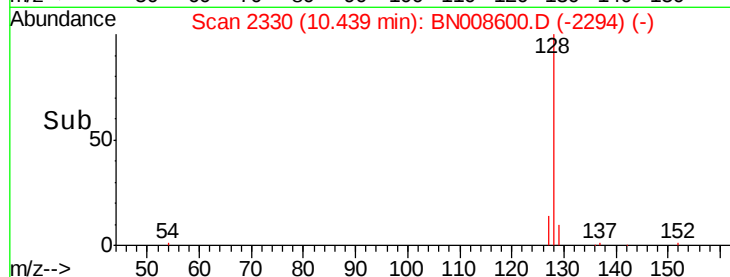
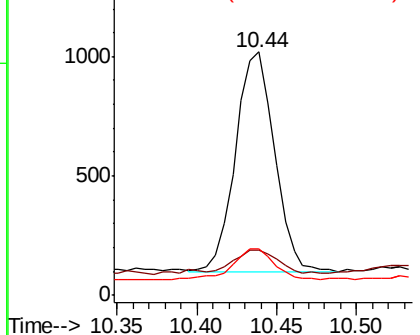
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.043 ng/ul

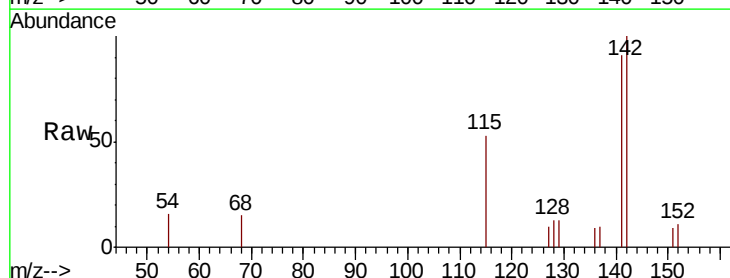
RT: 12.06 min Scan# 2624

Delta R.T. -0.00 min

Lab File: BN008600.D

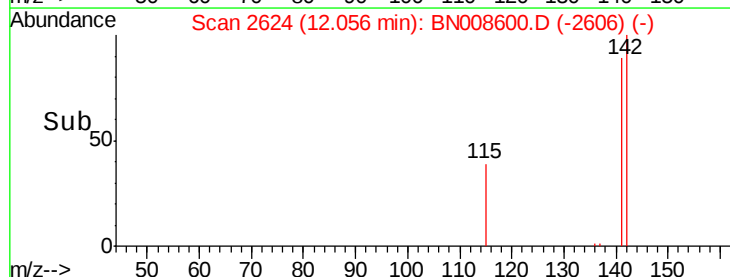
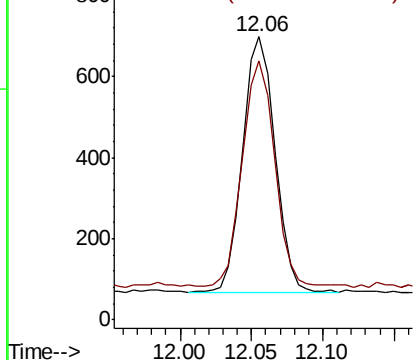
Acq: 18 Nov 2019 12:54

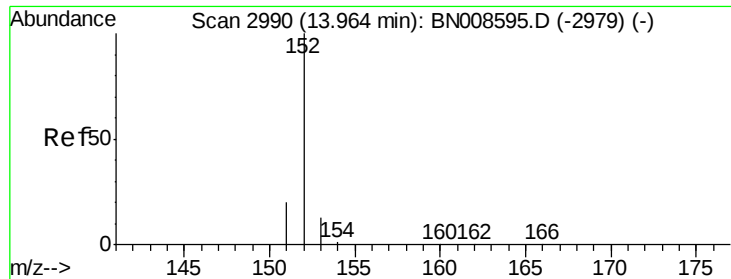
Tgt Ion:	142	Resp:	997
Ion Ratio	Lower	Upper	
142	100		
141	88.6	70.5	105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.187 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BN008600.D

Acq: 18 Nov 2019 12:54

Instrument :

BNA_N

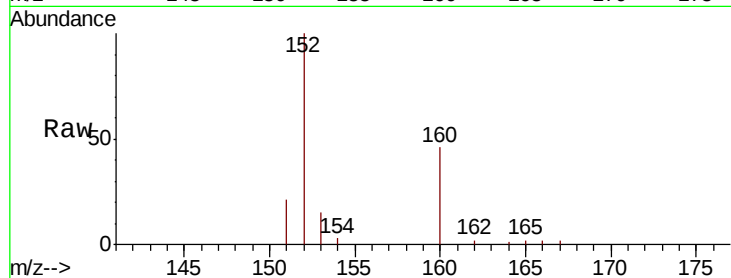
ClientSampleId :

JLM57DL

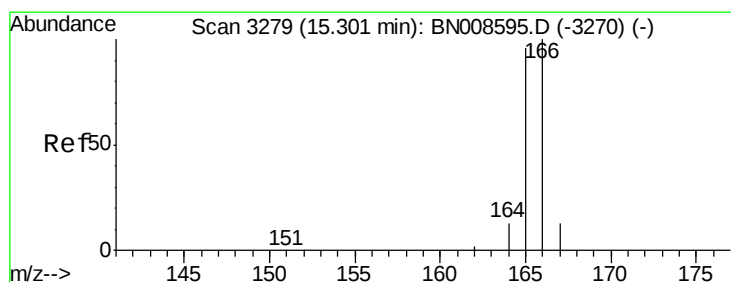
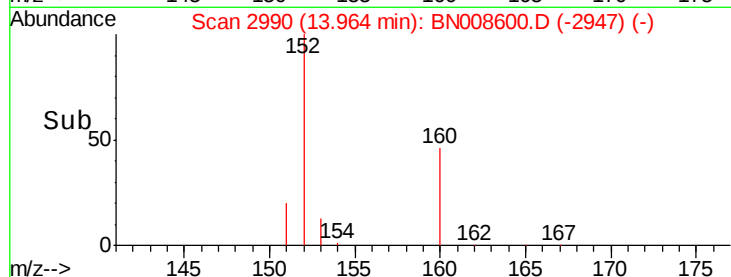
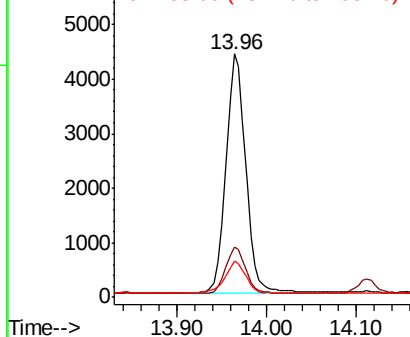
Tot Ion:	152	Resp:	6694
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.6	24.8
153	14.8	11.1	16.7

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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



#9

Fluorene

Concen: 0.032 ng/ul

RT: 15.30 min Scan# 3279

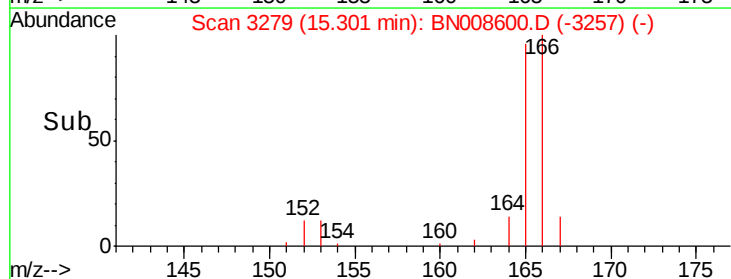
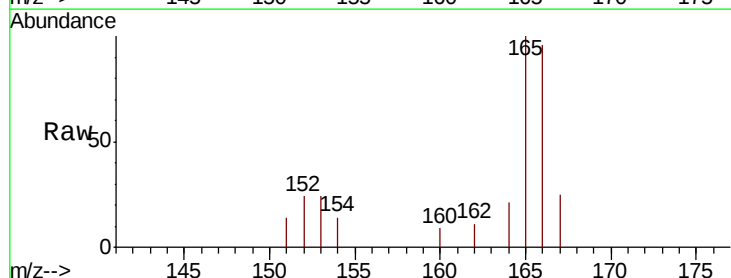
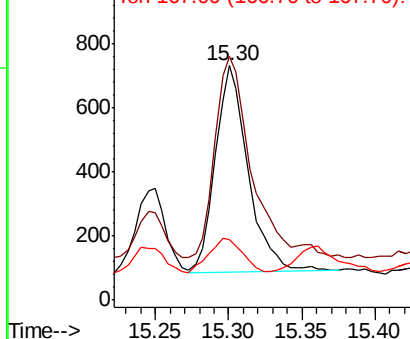
Delta R.T. -0.00 min

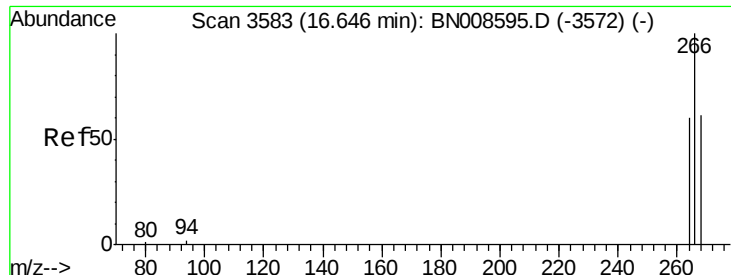
Lab File: BN008600.D

Acq: 18 Nov 2019 12:54

Tgt Ion:	166	Resp:	1003
Ion Ratio	Lower	Upper	
166	100		
165	104.0	77.4	116.0
167	25.9	11.4	17.0#

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





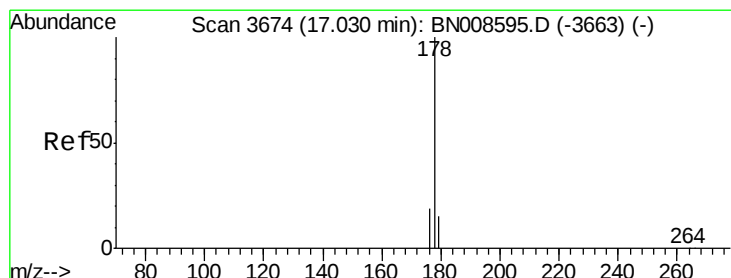
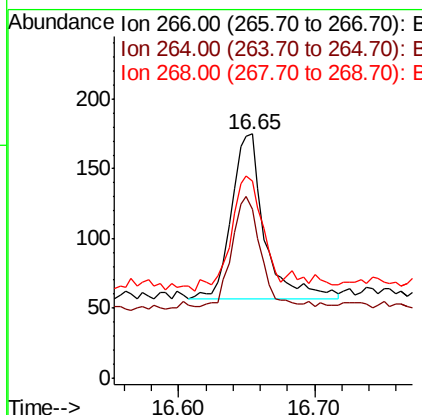
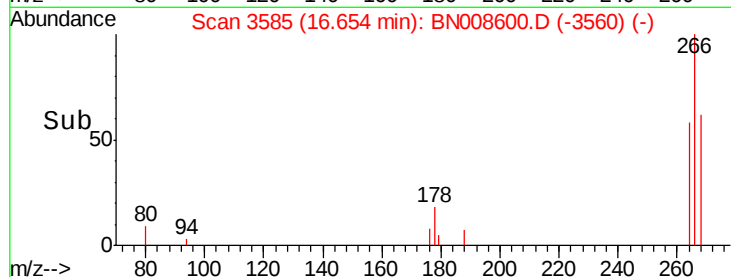
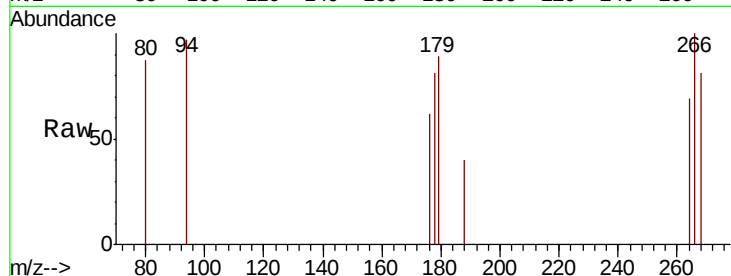
#11
 Pentachlorophenol
 Concen: 0.038 ng/ul
 RT: 16.65 min Scan# 3585
 Delta R.T. 0.00 min
 Lab File: BN008600.D
 Acq: 18 Nov 2019 12:54

Instrument :
 BNA_N
 ClientSampleId :
 JLM57DL

Tot Ion:	266	Resp:	198
Ion Ratio	Lower	Upper	
266	100		
264	60.6	49.2	73.8
268	68.2	50.9	76.3

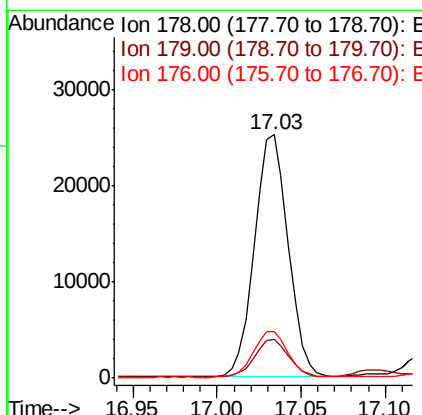
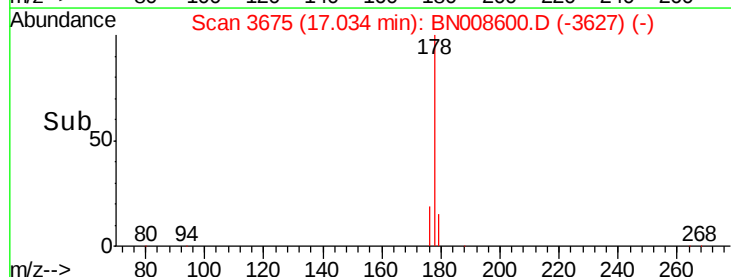
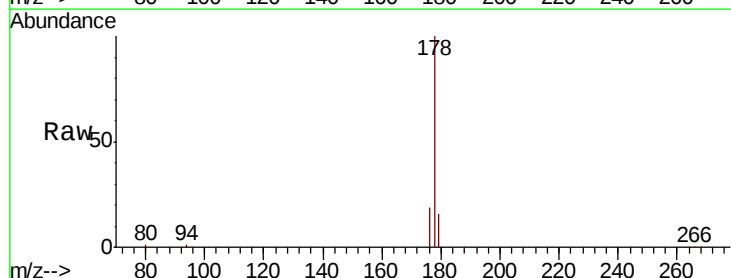
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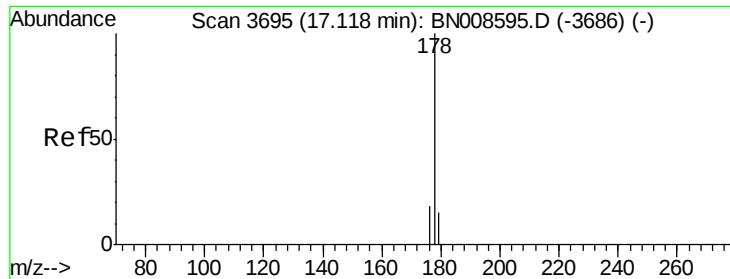
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#12
 Phenanthrene
 Concen: 0.761 ng/ul
 RT: 17.03 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: BN008600.D
 Acq: 18 Nov 2019 12:54

Tgt Ion:	178	Resp:	34942
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.8	19.2
176	19.3	16.0	24.0





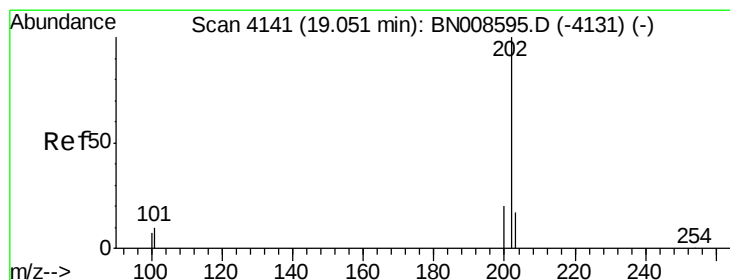
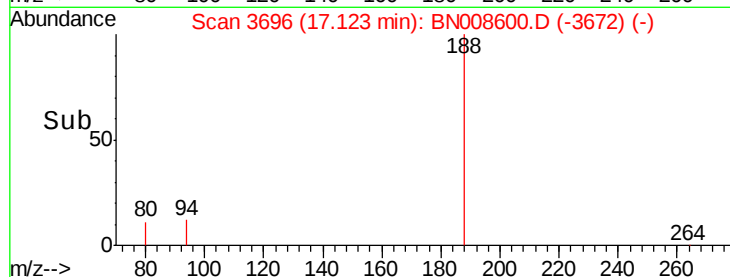
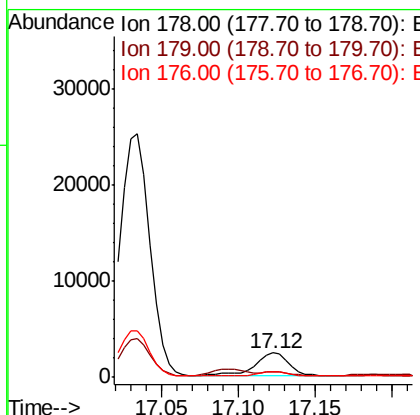
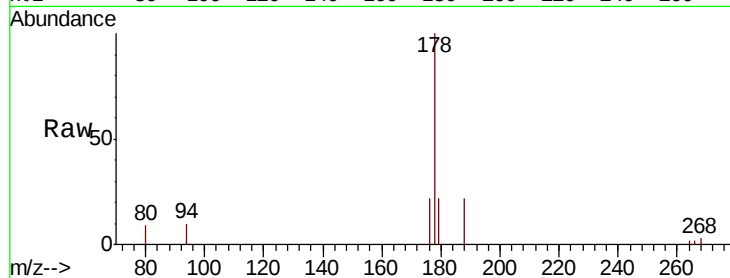
#13
 Anthracene
 Concen: 0.082 ng/ul
 RT: 17.12 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: BN008600.D
 Acq: 18 Nov 2019 12:54

Instrument :
 BNA_N
 ClientSampleId :
 JLM57DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.8	13.0	19.4#
176	22.3	15.3	22.9

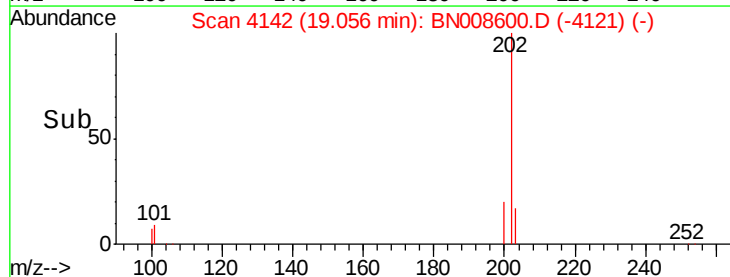
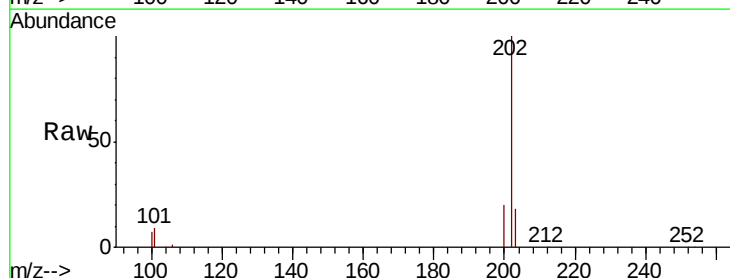
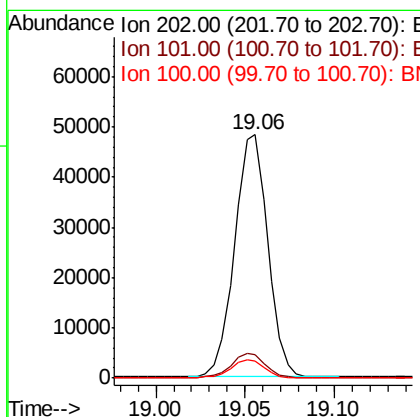
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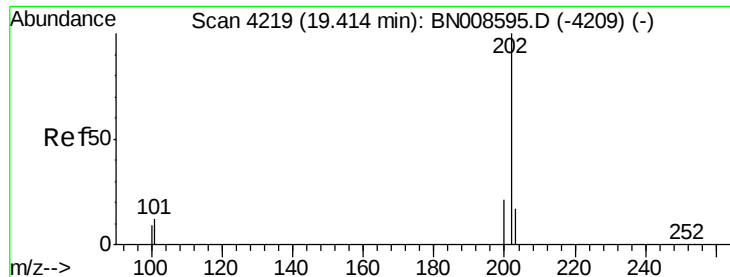
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#15
 Fluoranthene
 Concen: 1.102 ng/ul
 RT: 19.06 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: BN008600.D
 Acq: 18 Nov 2019 12:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.6
100	6.8	0.0	27.0





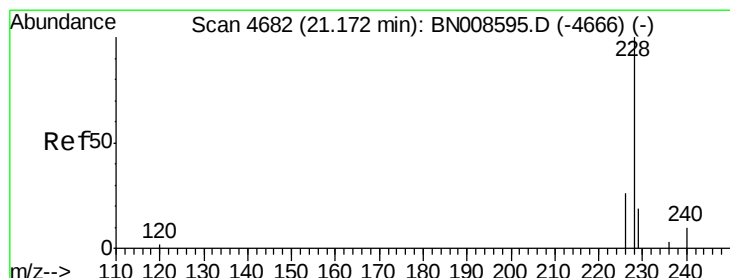
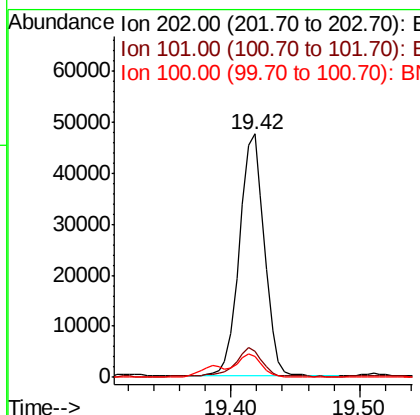
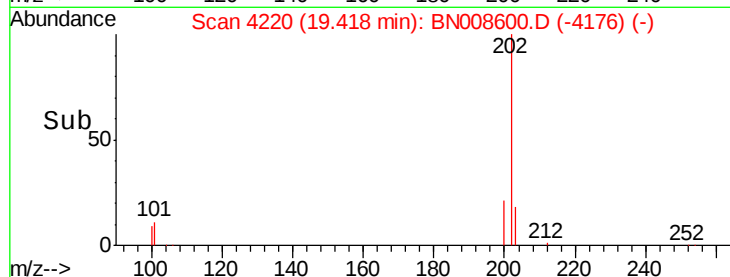
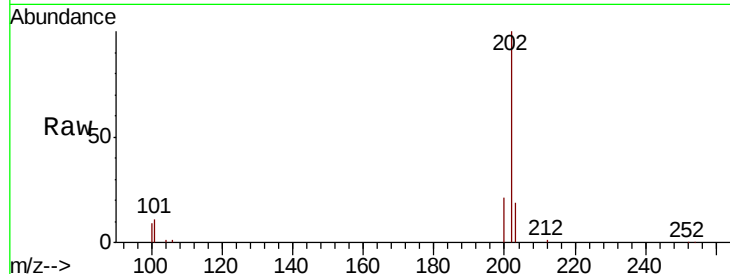
#17
Pvrene
Concen: 1.412 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BN008600.D
Acq: 18 Nov 2019 12:54

Instrument :
BNA_N
ClientSampleId :
JLM57DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	10.2	15.2
100	8.6	8.2	12.2

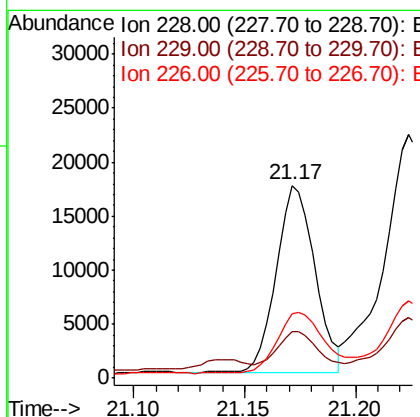
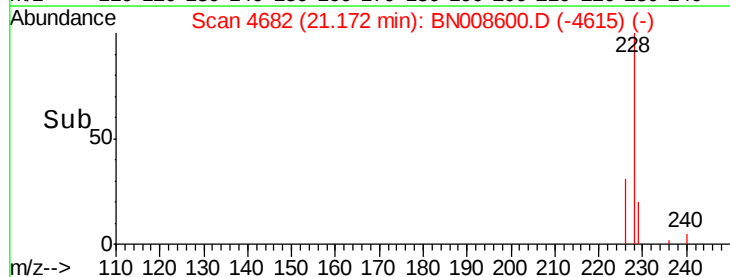
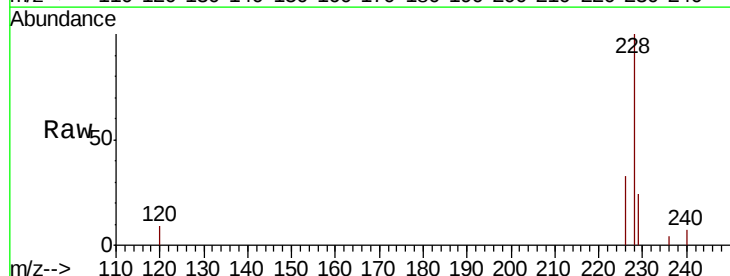
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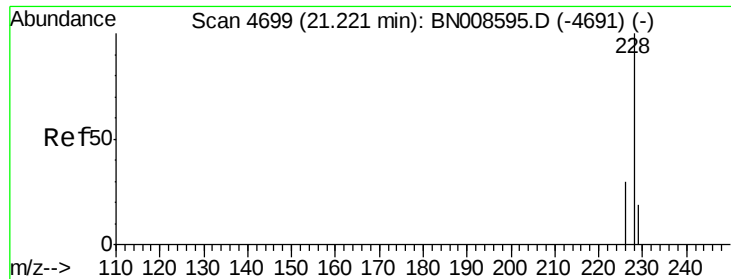
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#18
Benzo(a)anthracene
Concen: 0.465 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. -0.00 min
Lab File: BN008600.D
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.8	15.8	23.6#
226	33.2	21.6	32.4#





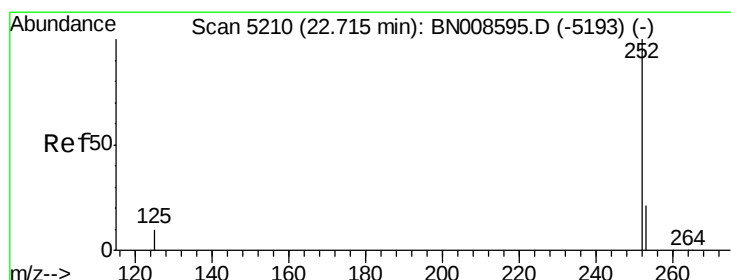
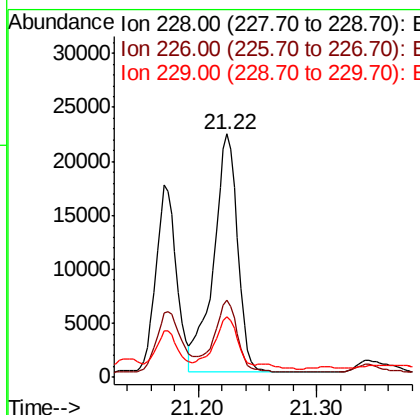
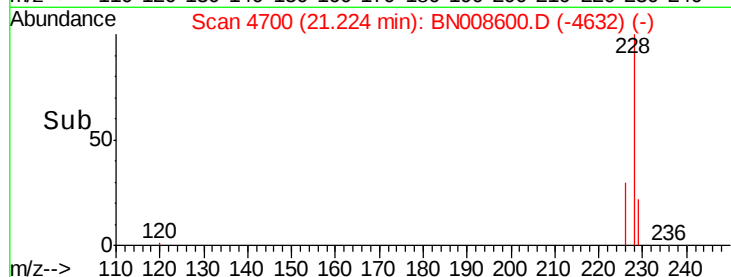
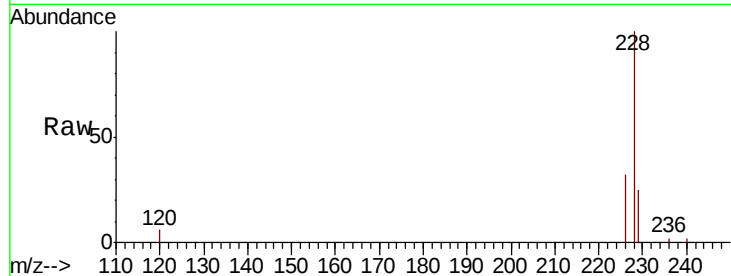
#19
Chrysene
Concen: 0.700 ng/ul
RT: 21.22 min Scan# 4700
Delta R.T. -0.00 min
Lab File: BN008600.D
Acq: 18 Nov 2019 12:54

Instrument :
BNA_N
ClientSampleId :
JLM57DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.5	36.7
229	24.8	15.5	23.3

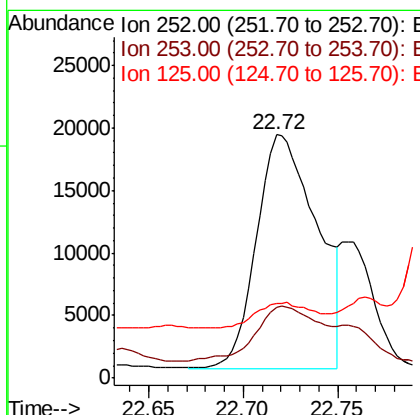
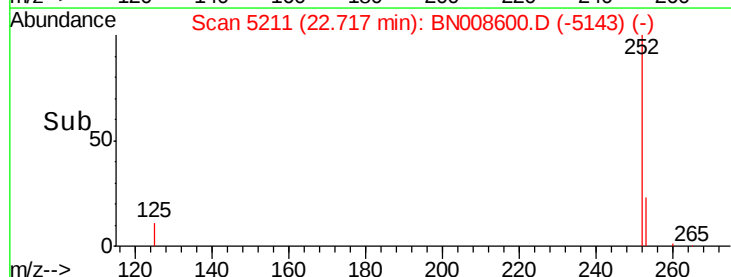
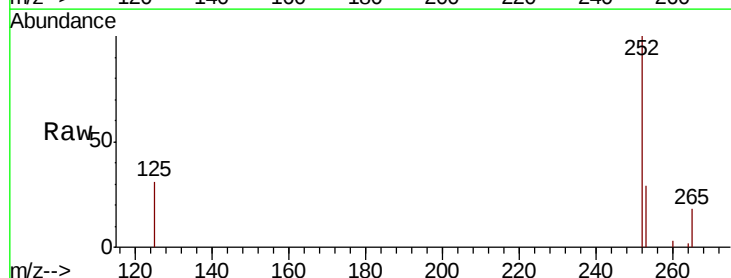
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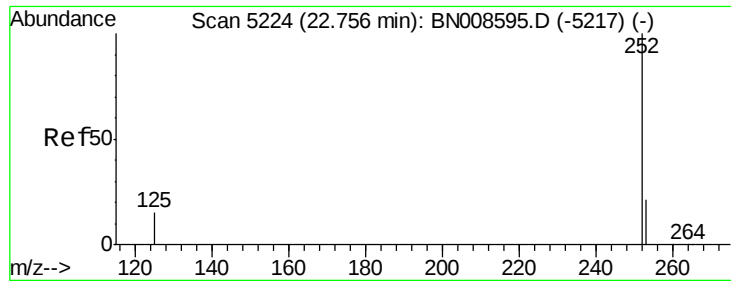
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#21
Benzo(b)fluoranthene
Concen: 0.872 ng/ul m
RT: 22.72 min Scan# 5211
Delta R.T. -0.00 min
Lab File: BN008600.D
Acq: 18 Nov 2019 12:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.9	0.0	50.2
125	30.6	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.258 ng/ul m

RT: 22.76 min Scan# 5224

Delta R.T. -0.00 min

Lab File: BN008600.D

Acq: 18 Nov 2019 12:54

Instrument :

BNA_N

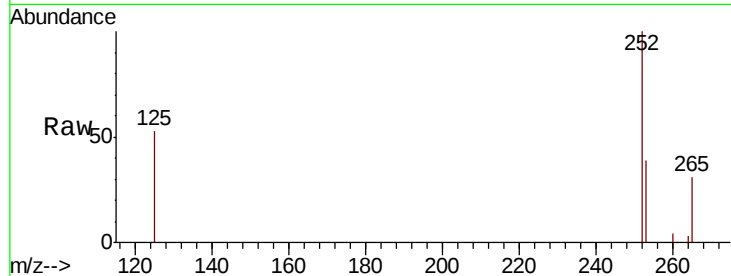
ClientSampleId :

JLM57DL

Tot Ion:	252	Resp:	12234
Ion Ratio	Lower	Upper	
252	100		
253	38.8	20.5	30.7#
125	53.2	15.0	22.4#

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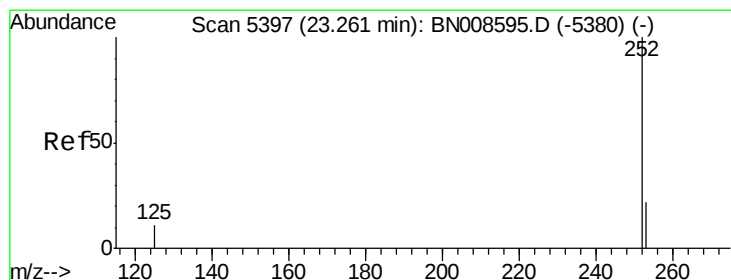
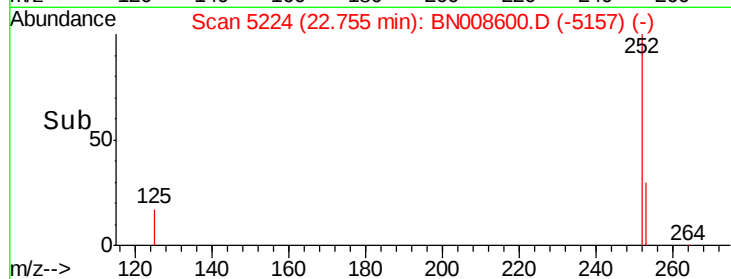
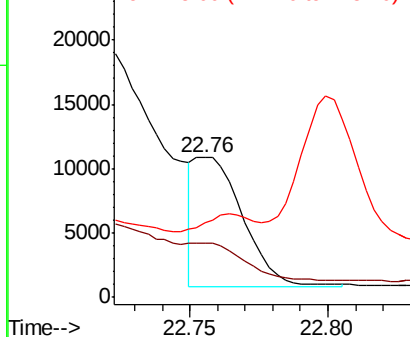


Abundance

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



#23

Benzo(a)pyrene

Concen: 0.616 ng/ul

RT: 23.26 min Scan# 5398

Delta R.T. -0.00 min

Lab File: BN008600.D

Acq: 18 Nov 2019 12:54

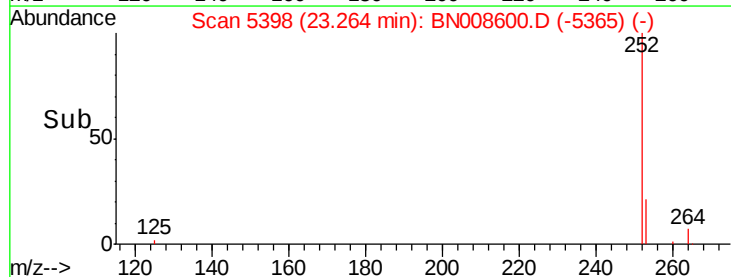
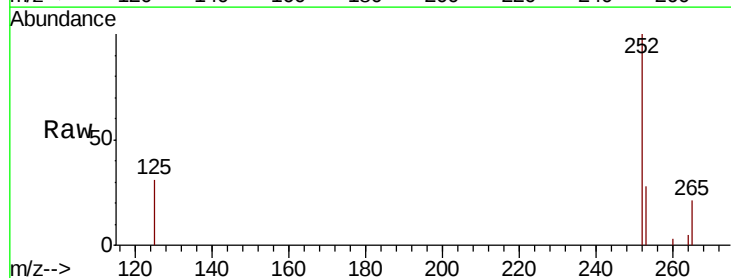
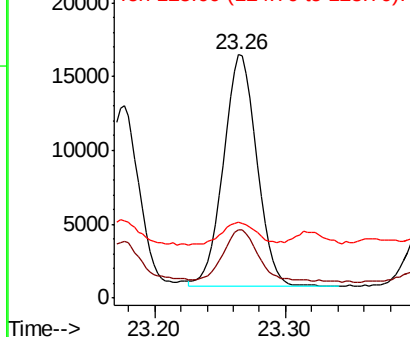
Tgt Ion:	252	Resp:	27648
Ion Ratio	Lower	Upper	
252	100		
253	28.2	21.4	32.2
125	31.3	13.8	20.8#

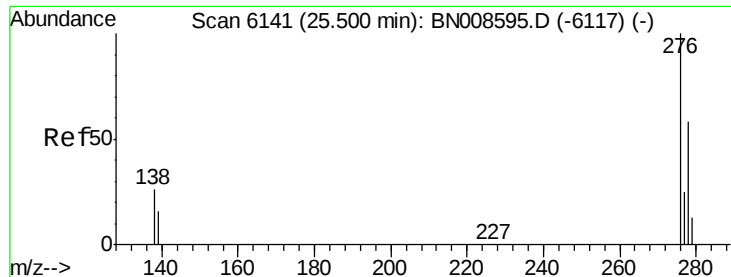
Abundance

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





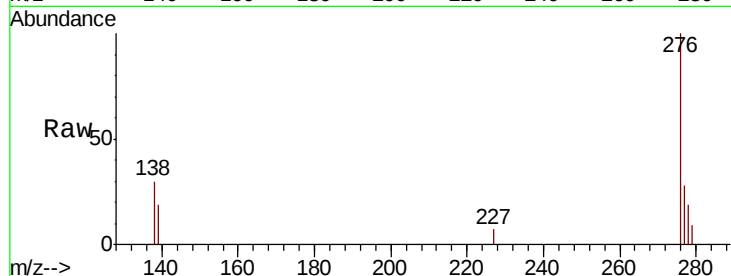
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.00 min
Lab File: BN008600.D
Acq: 18 Nov 2019 12:54

Instrument :
BNA_N
ClientSampleId :
JLM57DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	21.7	32.5
227	1.3	0.2	0.2

Manual Integrations
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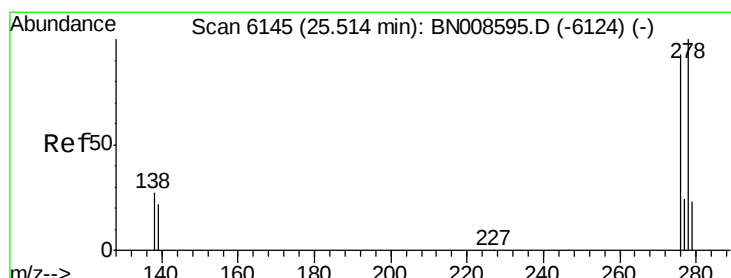
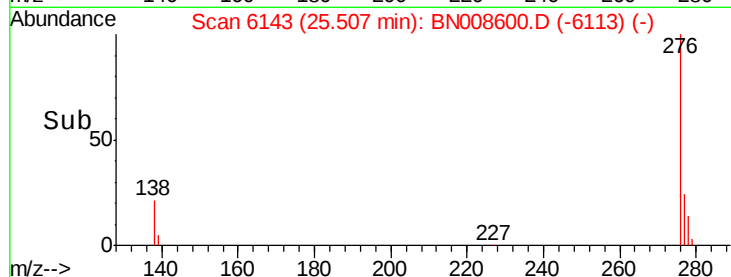
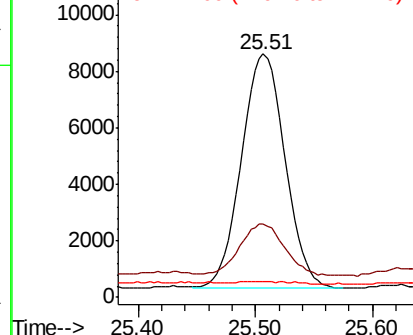


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 0.108 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.01 min
Lab File: BN008600.D
Acq: 18 Nov 2019 12:54

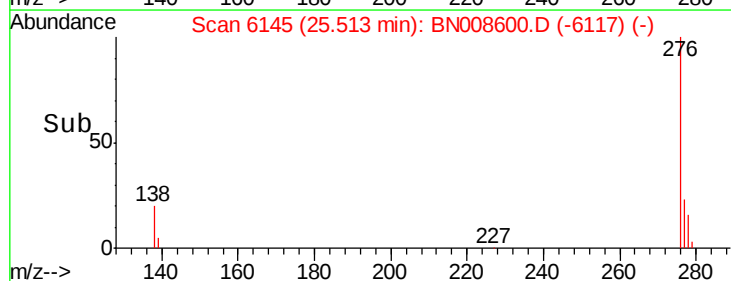
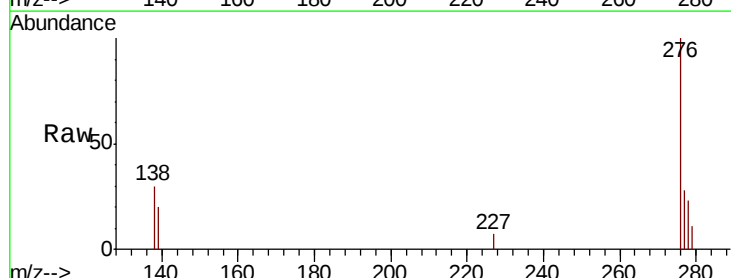
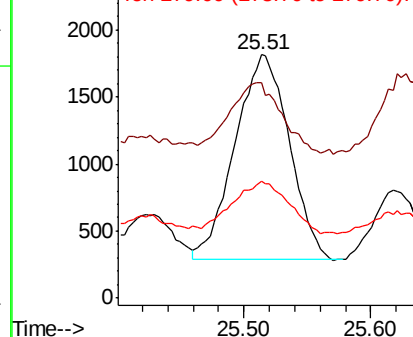
Tgt Ion	Ratio	Lower	Upper
278	100		
139	88.3	18.7	28.1
279	48.0	20.8	31.2

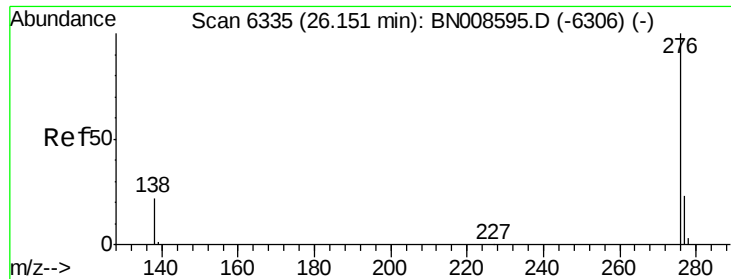
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.500 ng/ul

RT: 26.16 min Scan# 6337

Delta R.T. 0.00 min

Lab File: BN008600.D

Acq: 18 Nov 2019 12:54

Instrument :

BNA_N

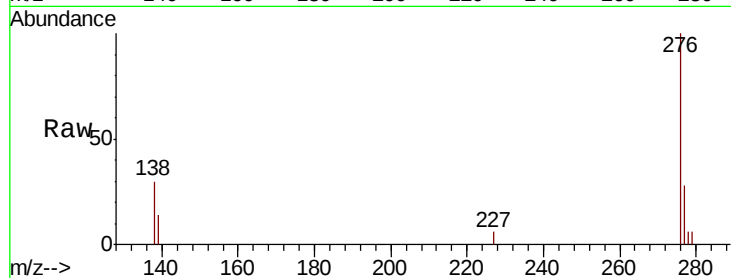
ClientSampleId :

JLM57DL

Tot Ion:	276	Resp:	21966
Ion Ratio	Lower	Upper	
276	100		
138	30.2	20.0	30.0#
277	27.6	20.0	30.0

Manual Integrations
APPROVED

mohammad
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

