

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
 Data File : BN003048.D
 Acq On : 10 Oct 2018 03:44
 Operator : MJ/SJ
 Sample : J5115-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC40

Manual Integrations
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Quant Time: Oct 10 08:58:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 08:36:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1966	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7918	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4302	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8817m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5253m	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	5093m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3022	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	5736m	0.23	ng/ul	-0.01
Target Compounds					Qvalue	
3) Naphthalene	10.44	128	9220	0.454	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	7168	0.512	ng/ul	96
7) Acenaphthylene	13.98	152	1420	0.072	ng/ul#	84
8) Acenaphthene	14.32	153	2939	0.197	ng/ul	98
9) Fluorene	15.32	166	3521	0.206	ng/ul#	98
11) Pentachlorophenol	16.71	266	287m	0.335	ng/ul	
12) Phenanthrene	17.06	178	55585	2.262	ng/ul	99
13) Anthracene	17.15	178	7591m	0.327	ng/ul	
15) Fluoranthene	19.09	202	85504m	2.965	ng/ul	
17) Pyrene	19.45	202	78255m	3.836	ng/ul	
18) Benzo(a)anthracene	21.21	228	35232m	2.084	ng/ul	
19) Chrysene	21.26	228	100069m	5.830	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	139288m	7.594	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	28278m	1.487	ng/ul	
23) Benzo(a)pyrene	23.34	252	31790m	1.934	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.64	276	52106	2.758	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	13456m	0.890	ng/ul	
26) Benzo(g,h,i)perylene	26.32	276	64673m	4.060	ng/ul	

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

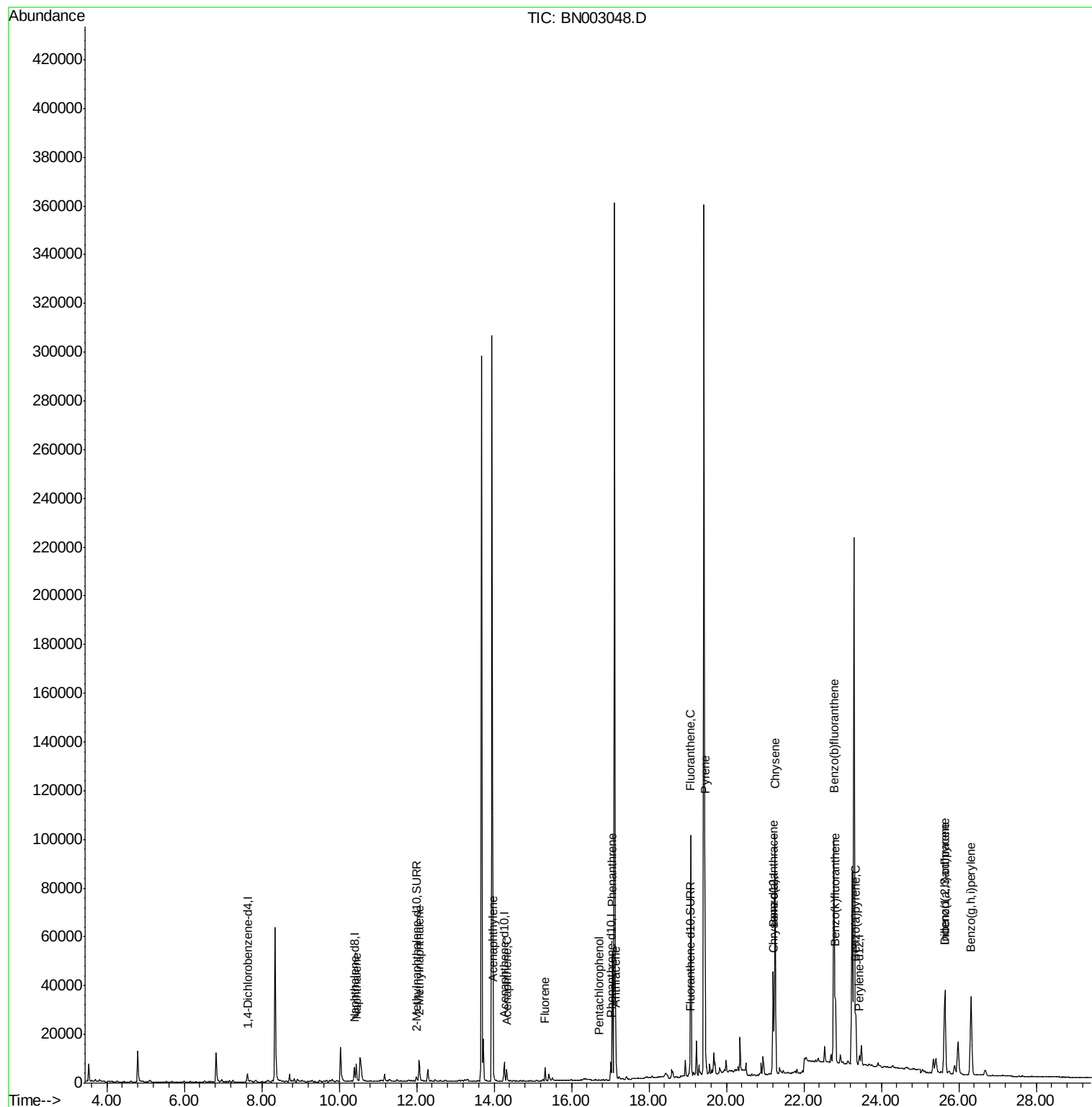
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
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ALS Vial : 20 Sample Multiplier: 1

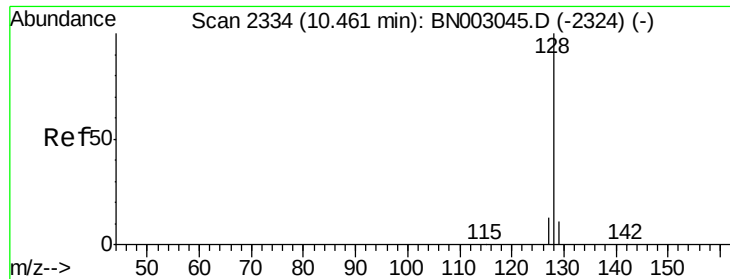
Instrument :
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JLC40

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Quant Time: Oct 10 08:58:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 08:36:11 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.454 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

Instrument :

BNA_N

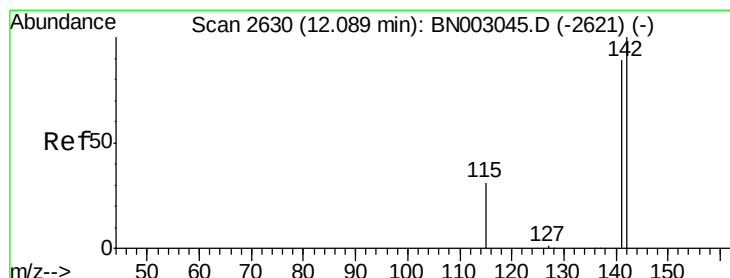
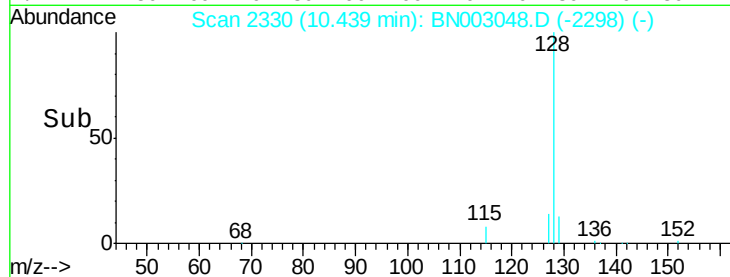
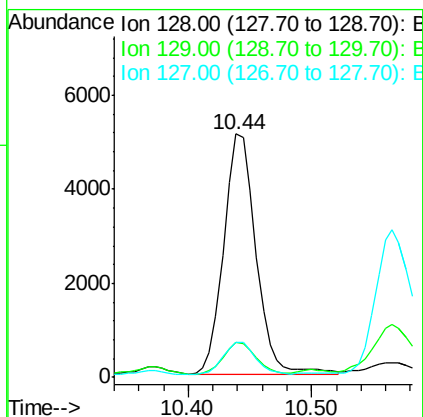
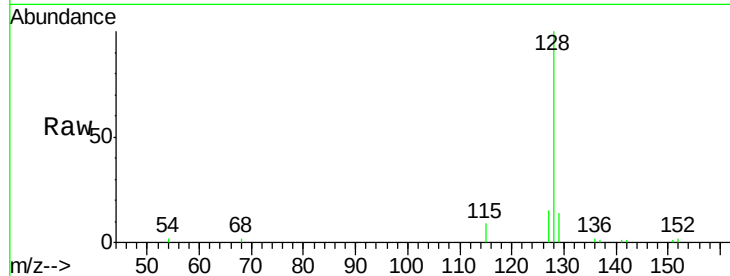
ClientSampleId :

JLC40

Tgt Ion:	128	Resp:	9220
Ion Ratio	Lower	Upper	
128	100		
129	14.2	10.4	15.6
127	14.6	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 0.512 ng/ul

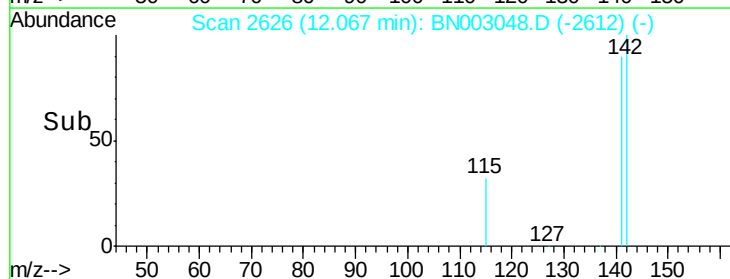
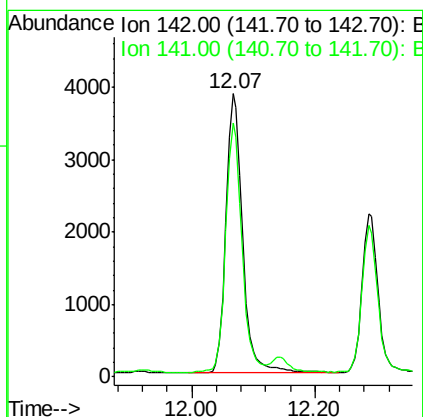
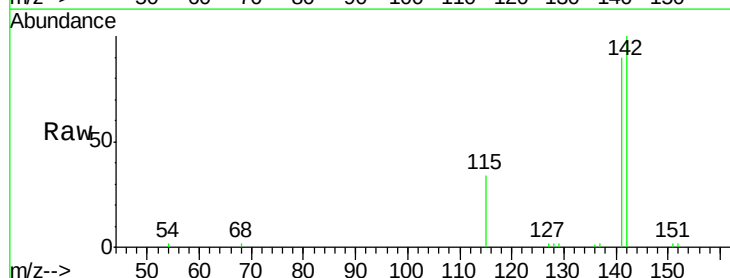
RT: 12.07 min Scan# 2626

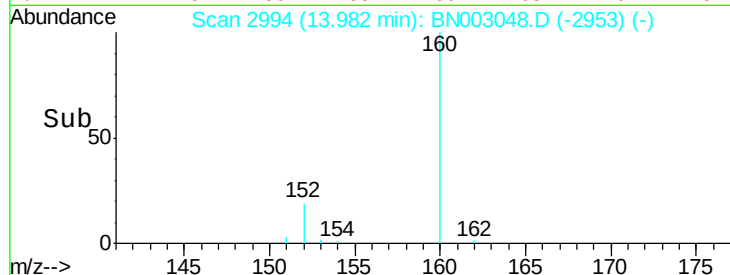
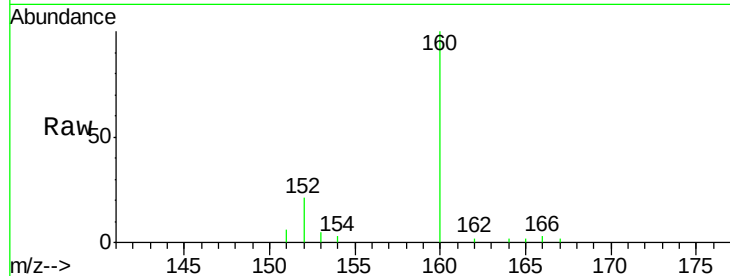
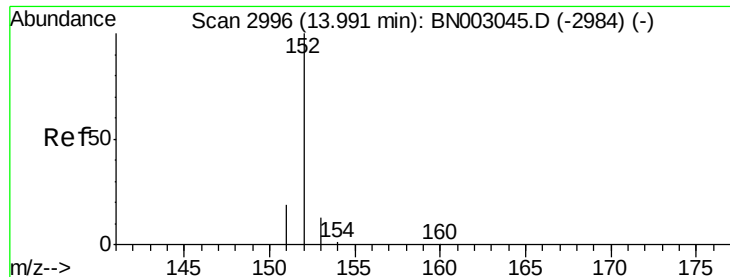
Delta R.T. -0.02 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

Tgt Ion:	142	Resp:	7168
Ion Ratio	Lower	Upper	
142	100		
141	87.5	73.4	110.0





#7

Acenaphthylene

Concen: 0.072 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

Instrument :

BNA_N

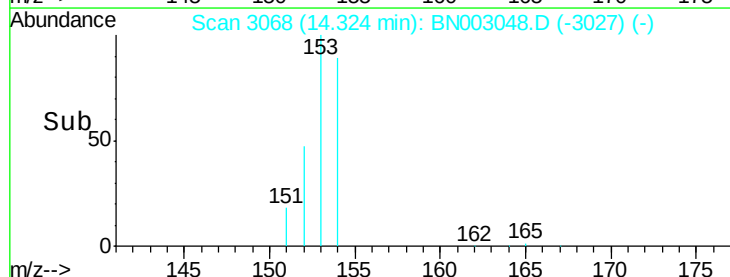
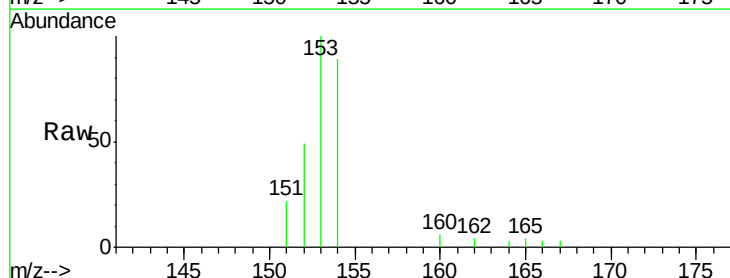
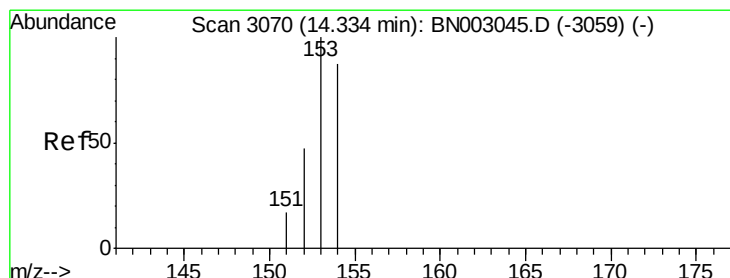
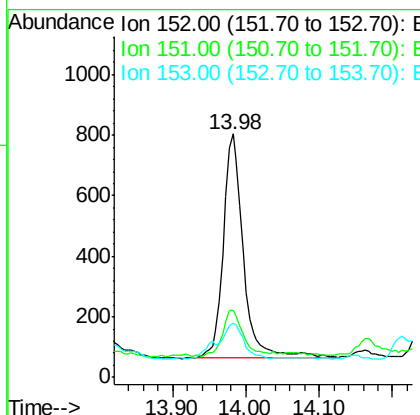
ClientSampled :

JLC40

Tgt Ion:	152	Resp:	1420
Ion Ratio	Lower	Upper	
152	100		
151	27.4	16.5	24.7#
153	22.1	11.4	17.2#

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#8

Acenaphthene

Concen: 0.197 ng/ul

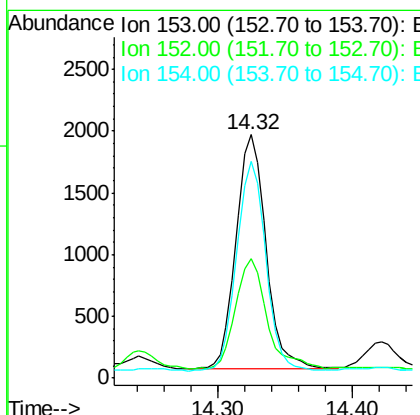
RT: 14.32 min Scan# 3068

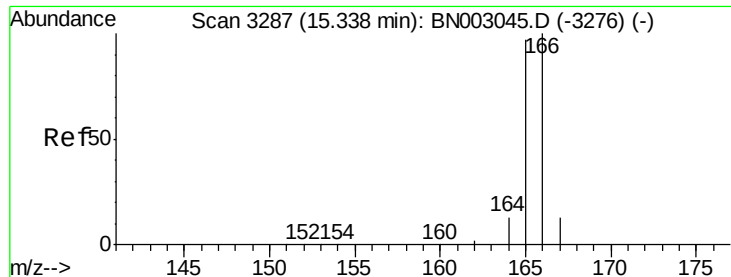
Delta R.T. -0.01 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

Tgt Ion:	153	Resp:	2939
Ion Ratio	Lower	Upper	
153	100		
152	49.0	38.2	57.4
154	89.2	70.2	105.2





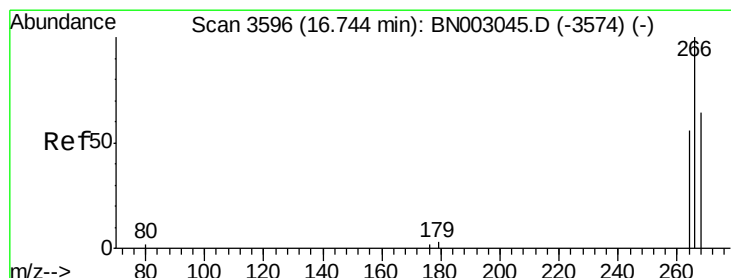
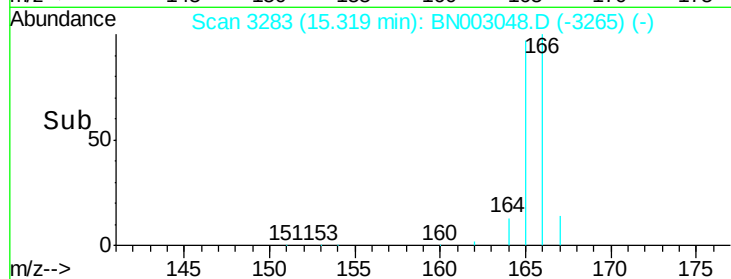
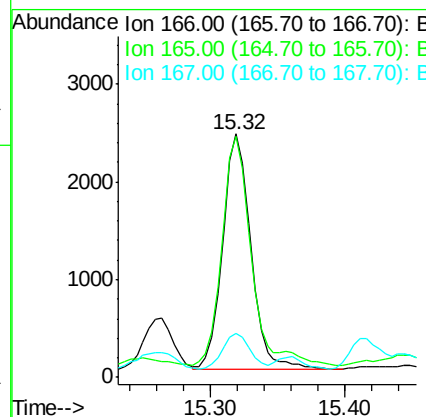
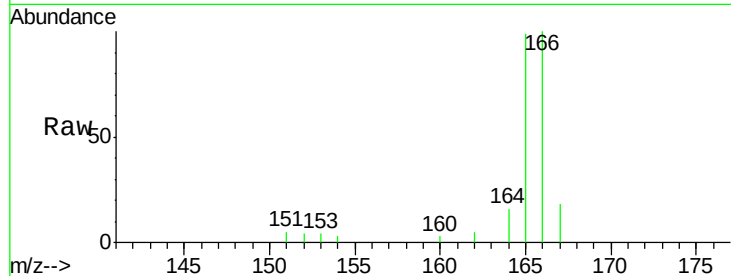
#9
Fluorene
 Concen: 0.206 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. -0.02 min
 Lab File: BN003048.D
 Acq: 10 Oct 2018 03:44

Instrument :
 BNA_N
 ClientSampleId :
 JLC40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.5	117.7
167	18.1	11.6	17.4#

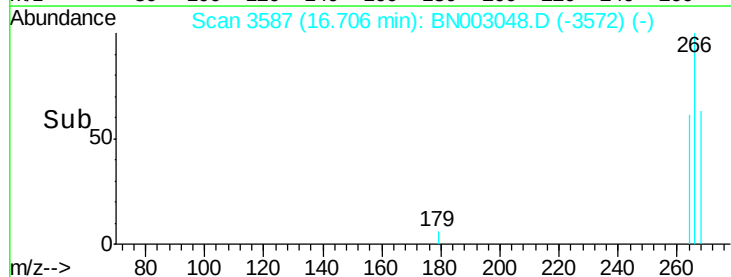
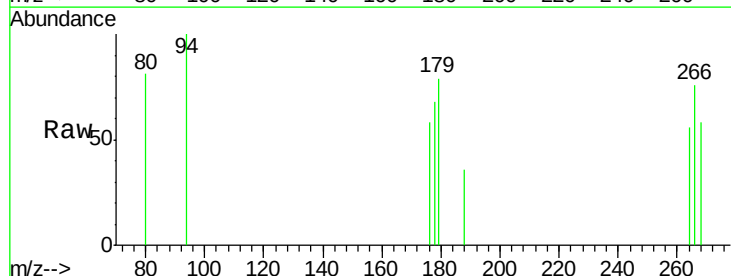
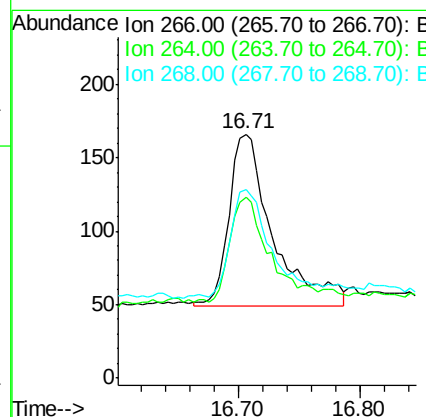
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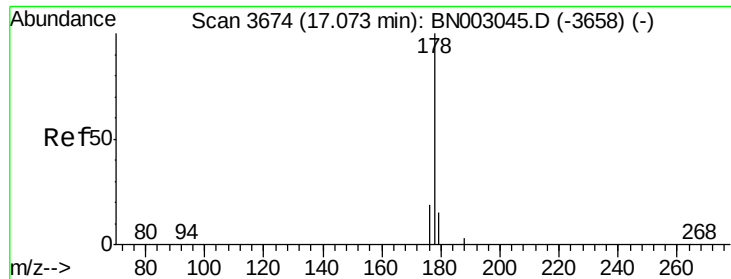
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#11
Pentachlorophenol
 Concen: 0.335 ng/ul m
 RT: 16.71 min Scan# 3587
 Delta R.T. -0.04 min
 Lab File: BN003048.D
 Acq: 10 Oct 2018 03:44

Tgt Ion	Ratio	Lower	Upper
266	100		
264	1.4	52.5	78.7#
268	2.4	48.6	72.8#





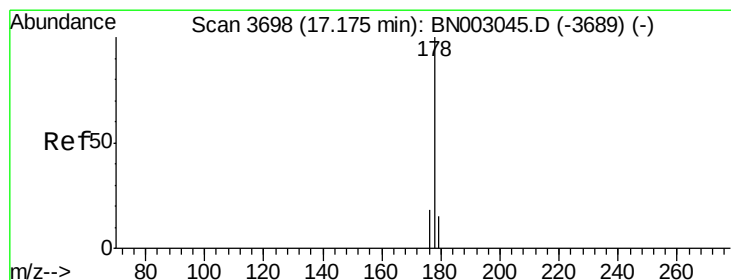
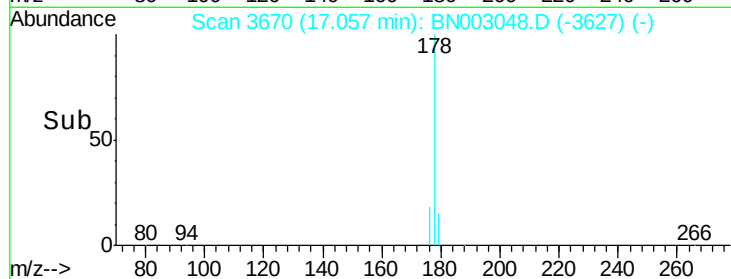
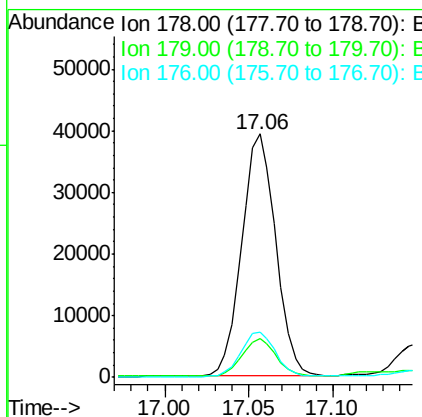
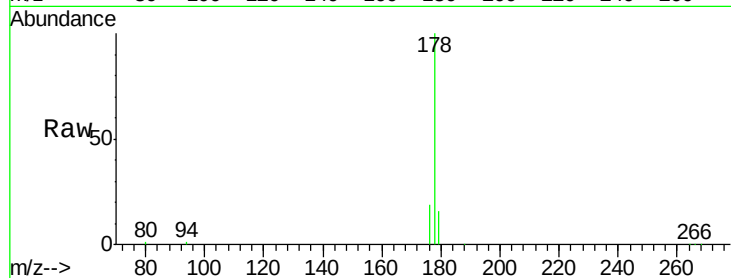
#12
 Phenanthrene
 Concen: 2.262 ng/ul
 RT: 17.06 min Scan# 3670
 Delta R.T. -0.02 min
 Lab File: BN003048.D
 Acq: 10 Oct 2018 03:44

Instrument :
 BNA_N
 ClientSampleId :
 JLC40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	18.8	15.4	23.2

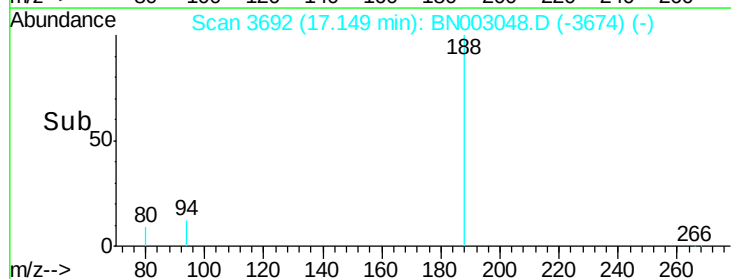
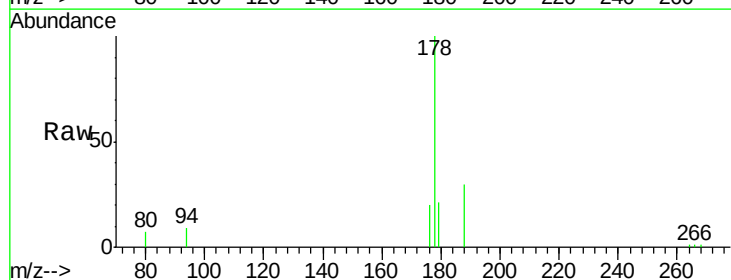
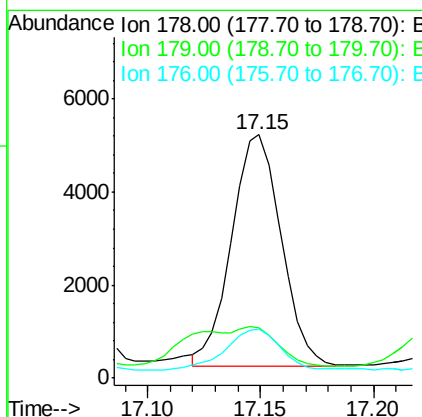
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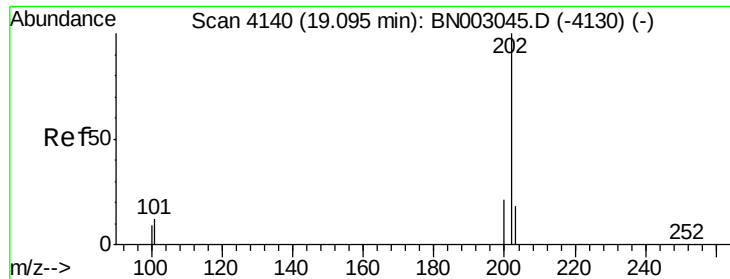
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#13
 Anthracene
 Concen: 0.327 ng/ul m
 RT: 17.15 min Scan# 3692
 Delta R.T. -0.03 min
 Lab File: BN003048.D
 Acq: 10 Oct 2018 03:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.6	13.0	19.6#
176	19.9	15.3	22.9





#15

Fluoranthene

Concen: 2.965 ng/ul m

RT: 19.09 min Scan# 4138

Delta R.T. -0.01 min

Lab File: BN003048.D

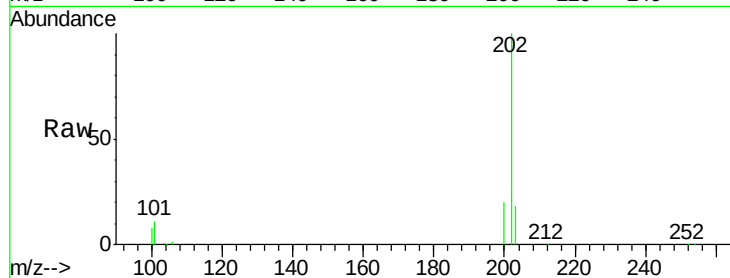
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Instrument :

BNA_N

ClientSampleId :

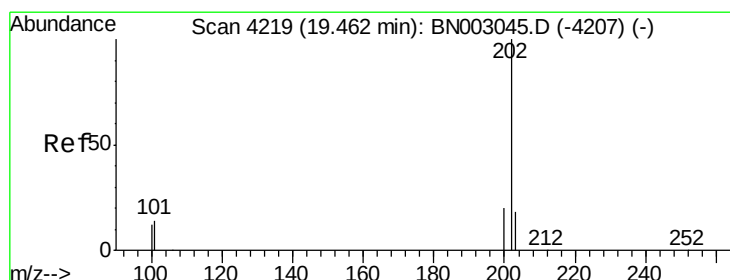
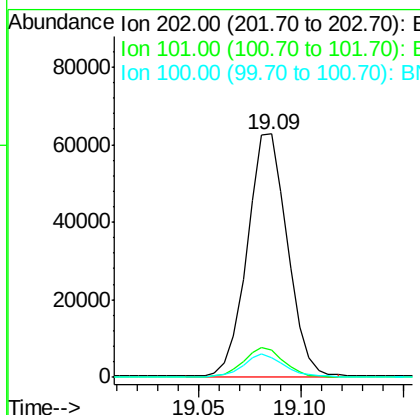
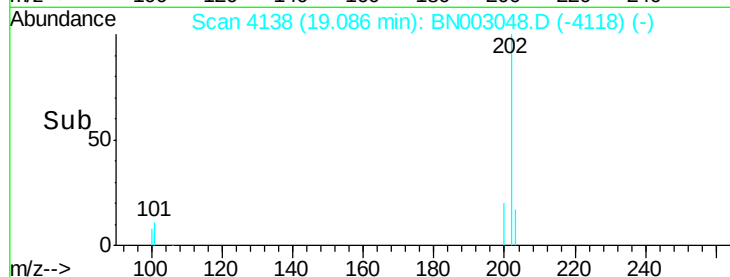
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Tgt Ion:	202	Resp:	85504
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	32.3
100	8.3	0.0	29.1

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#17

Pyrene

Concen: 3.836 ng/ul m

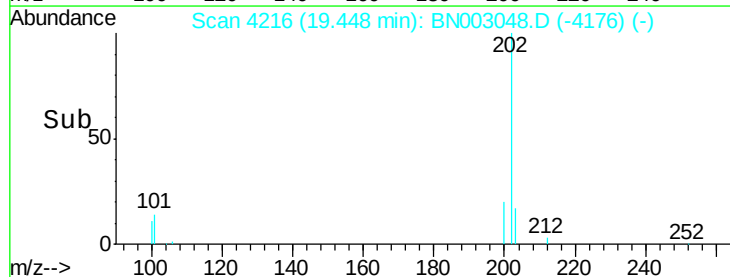
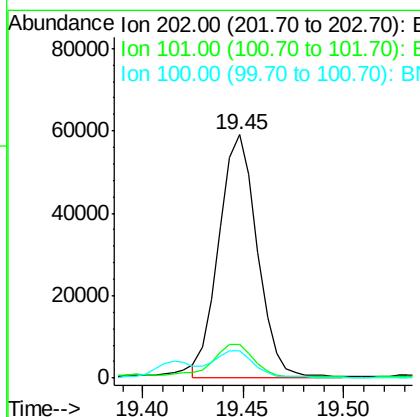
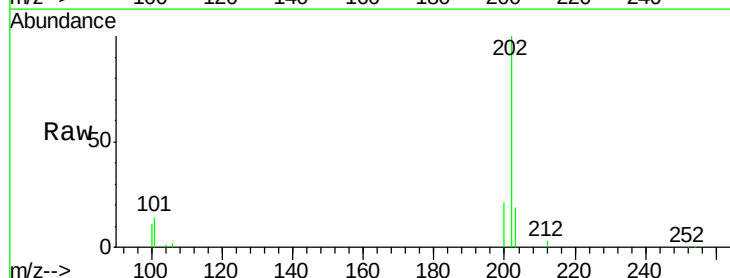
RT: 19.45 min Scan# 4216

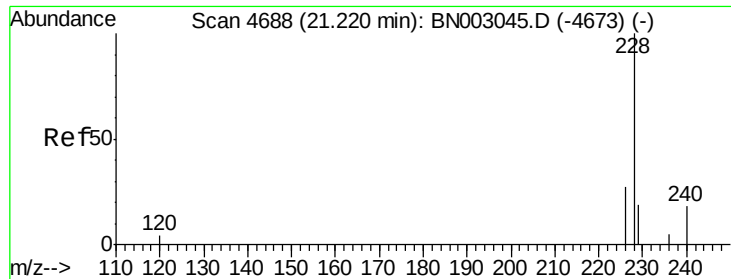
Delta R.T. -0.01 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

Tgt Ion:	202	Resp:	78255
Ion Ratio	Lower	Upper	
202	100		
101	13.9	11.9	17.9
100	11.0	9.9	14.9





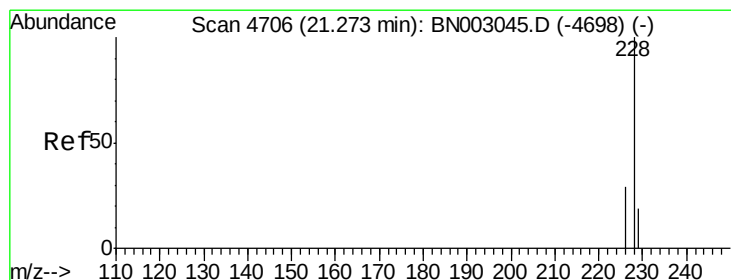
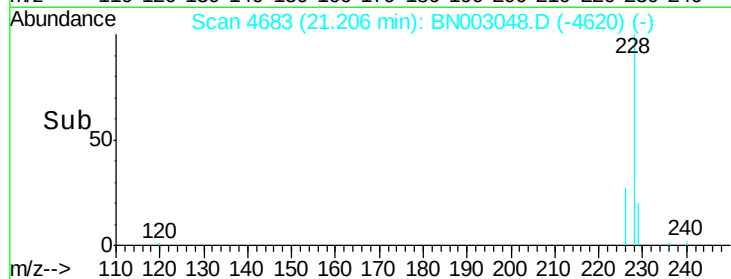
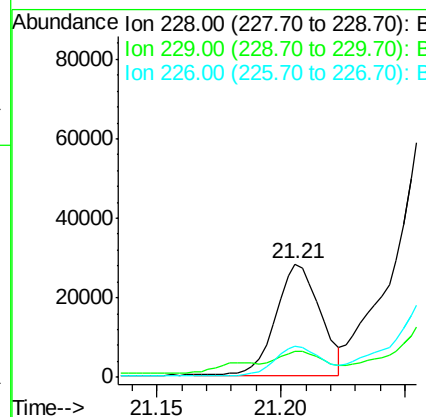
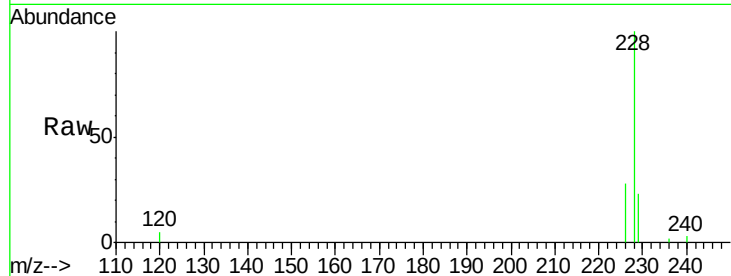
#18
Benzo(a)anthracene
Concen: 2.084 ng/ul m
RT: 21.21 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN003048.D
Acq: 10 Oct 2018 03:44

Instrument :
BNA_N
ClientSampleId :
JLC40

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.3	16.2	24.2
226	27.8	22.3	33.5

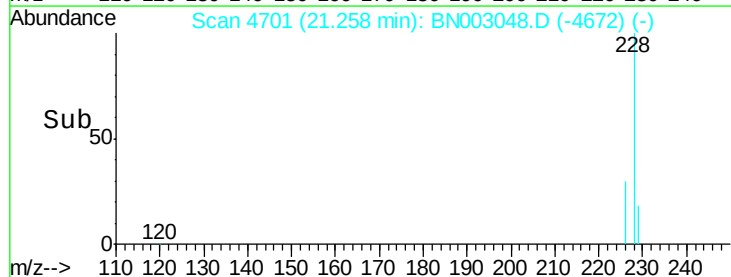
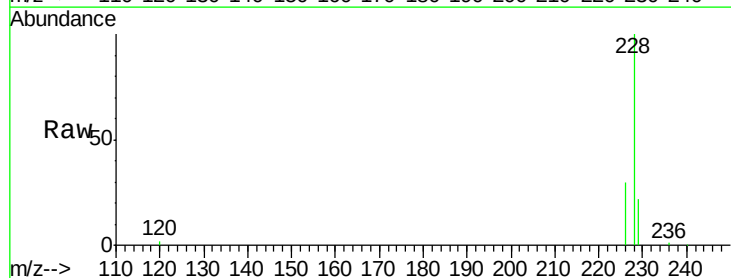
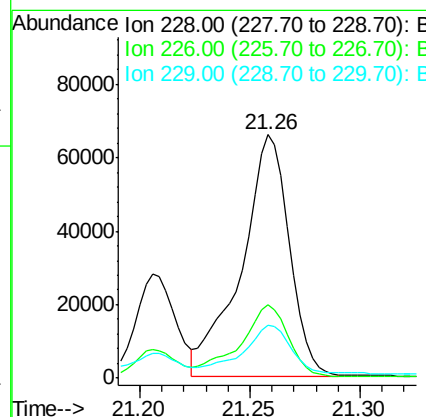
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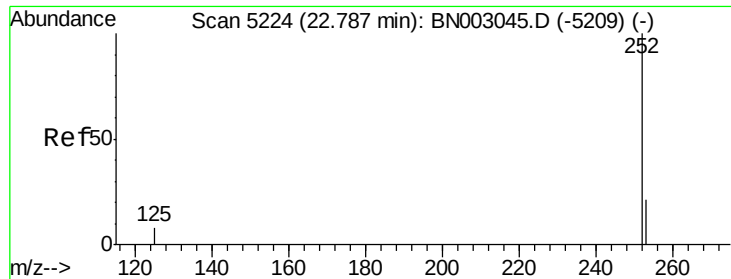
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#19
Chrysene
Concen: 5.830 ng/ul m
RT: 21.26 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BN003048.D
Acq: 10 Oct 2018 03:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	21.6	16.7	25.1





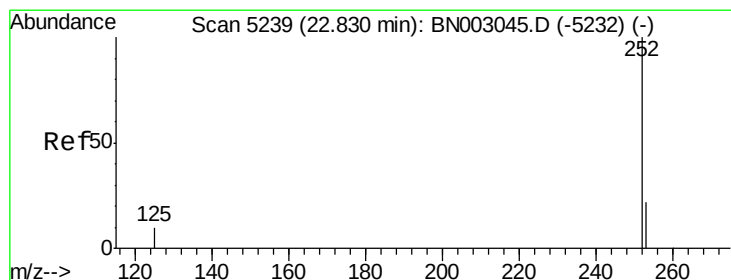
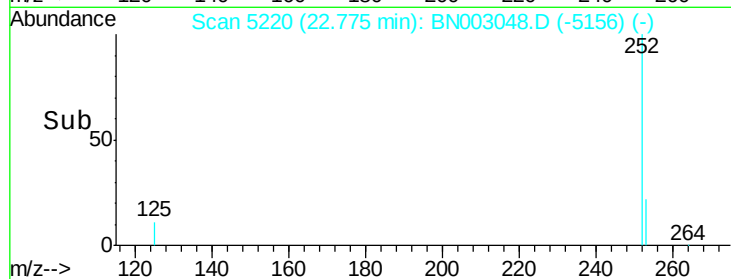
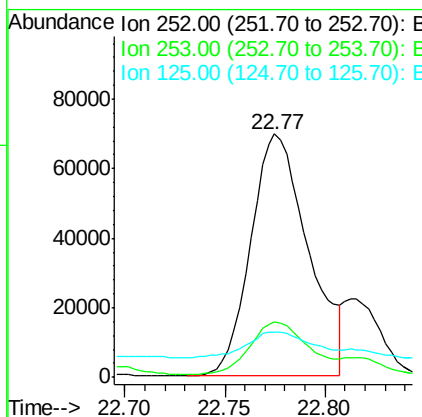
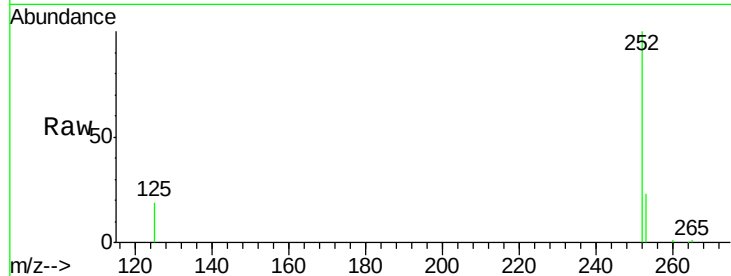
#21
Benzo(b)fluoranthene
Concen: 7.594 ng/ul m
RT: 22.77 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN003048.D
Acq: 10 Oct 2018 03:44

Instrument :
BNA_N
ClientSampleId :
JLC40

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.8	0.0	53.2
125	18.8	0.0	34.2

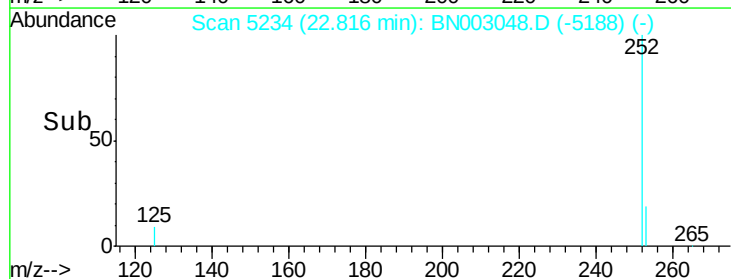
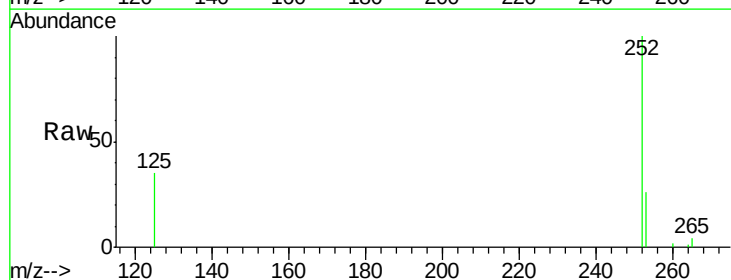
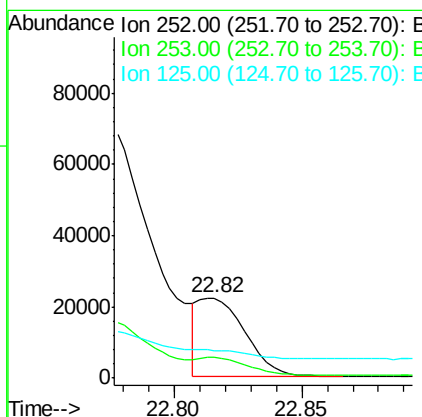
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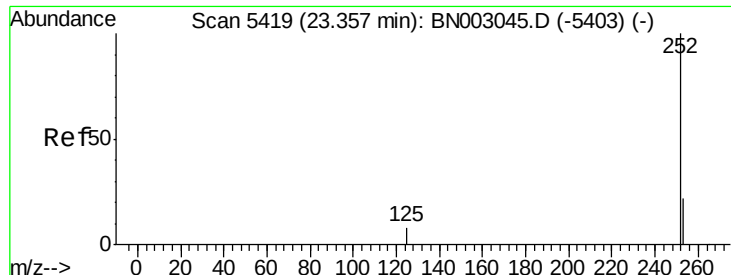
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#22
Benzo(k)fluoranthene
Concen: 1.487 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BN003048.D
Acq: 10 Oct 2018 03:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.6	21.3	31.9
125	34.8	14.1	21.1#





#23

Benzo(a)pyrene

Concen: 1.934 ng/ul m

RT: 23.34 min Scan# 5413

Delta R.T. -0.02 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

Instrument :

BNA_N

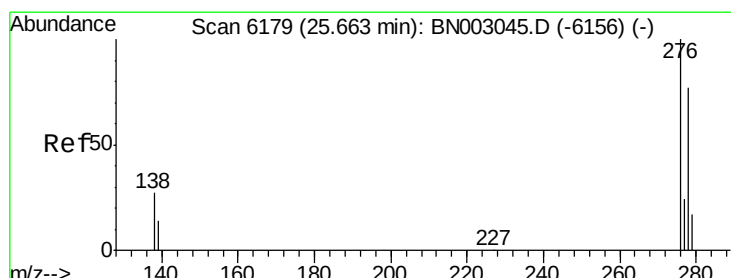
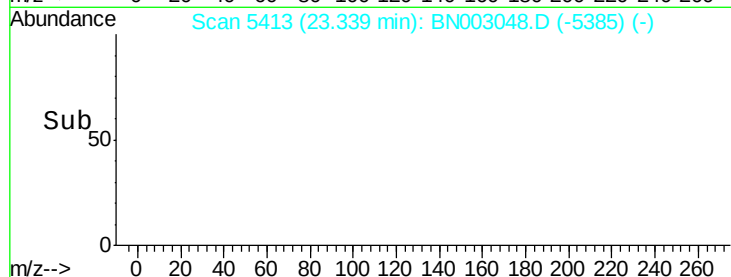
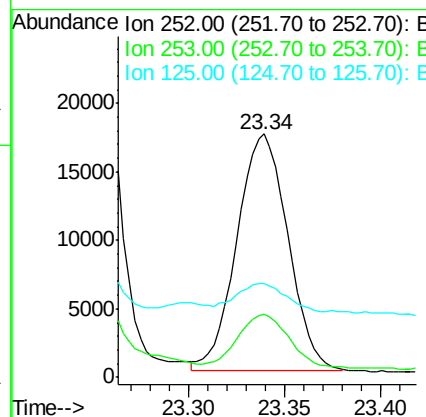
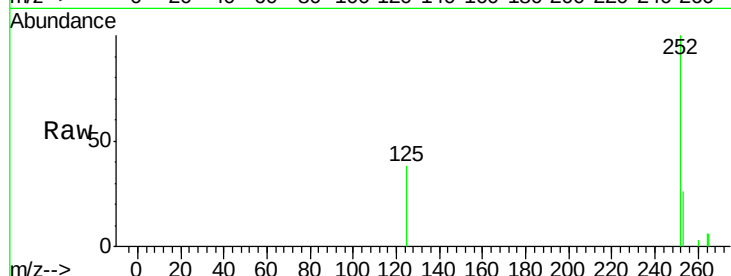
ClientSampleId :

JLC40

Tgt Ion:	252	Resp:	31790
Ion Ratio	Lower	Upper	
252	100		
253	25.8	23.1	34.7
125	38.5	16.9	25.3#

Manual Integrations
APPROVED

Sohil
10/10/2018 4:58:18 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 2.758 ng/ul

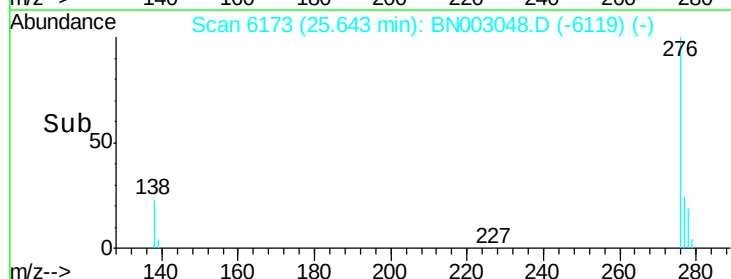
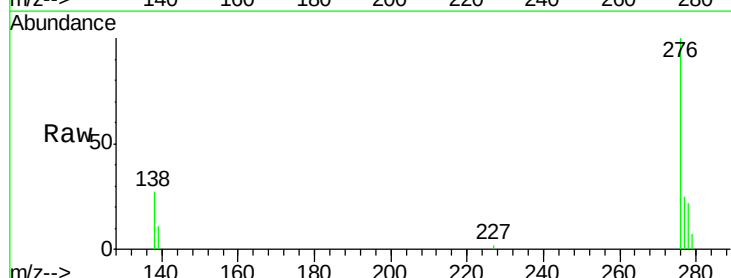
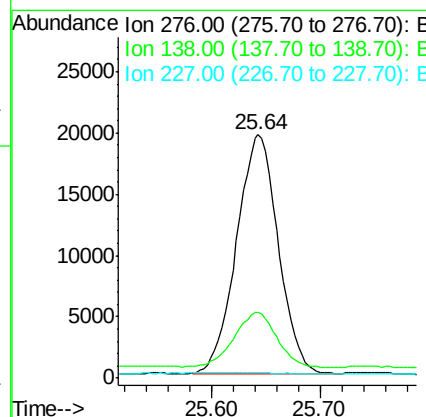
RT: 25.64 min Scan# 6173

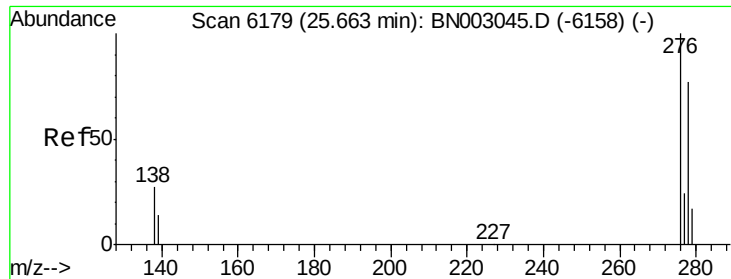
Delta R.T. -0.02 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

Tgt Ion:	276	Resp:	52106
Ion Ratio	Lower	Upper	
276	100		
138	23.6	21.5	32.3
227	0.1	0.3	0.5#





#25

Dibenzo(a,h)anthracene

Concen: 0.890 ng/ul m

RT: 25.64 min Scan# 6173

Delta R.T. -0.02 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

Instrument :

BNA_N

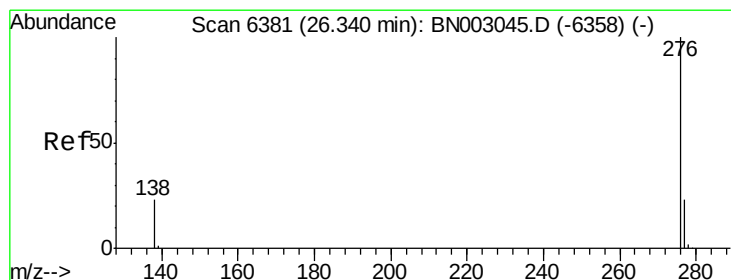
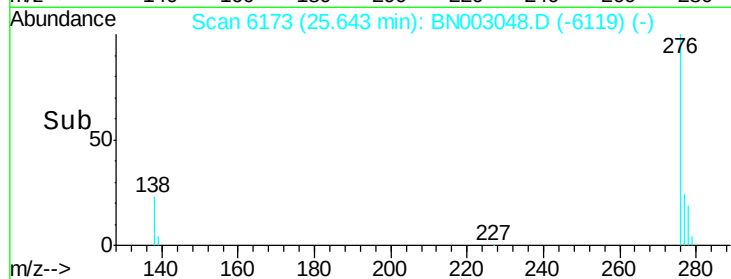
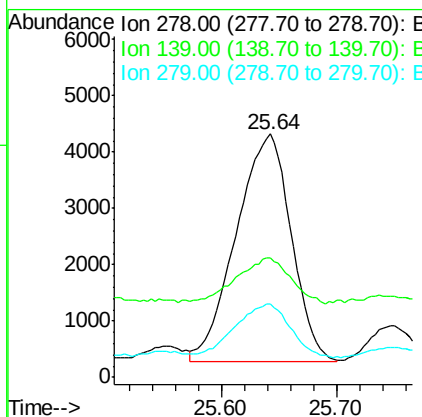
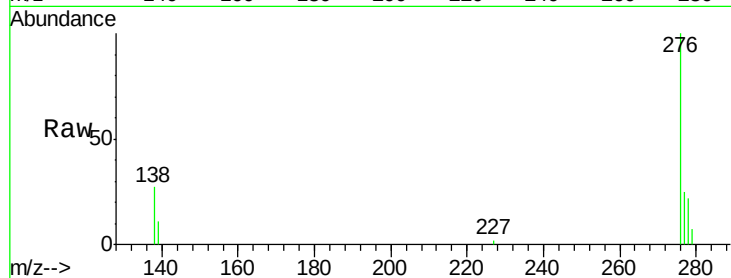
ClientSampled :

JLC40

Tgt Ion:	278	Resp:	13456
Ion Ratio	Lower	Upper	
278	100		
139	48.9	20.2	30.4#
279	30.4	23.8	35.8

Manual Integrations
APPROVED

Sohil
10/10/2018 4:58:18 PM



#26

Benzo(g,h,i)perylene

Concen: 4.060 ng/ul m

RT: 26.32 min Scan# 6374

Delta R.T. -0.02 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

Tgt Ion:	276	Resp:	64673
Ion Ratio	Lower	Upper	
276	100		
138	26.9	23.0	34.4
277	24.7	22.0	33.0

