

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
 Data File : BN003024.D
 Acq On : 09 Oct 2018 13:40
 Operator : MJ/SJ
 Sample : J5116-01DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC52DL

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:38 PM

Quant Time: Oct 09 14:47:00 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1151	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.41	136	4952	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	2844	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	6693	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	7141	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	6737	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	568	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	1522	0.08	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	1774	0.140	ng/ul#	93
5) 2-Methylnaphthalene	12.09	142	419	0.048	ng/ul	99
7) Acenaphthylene	13.99	152	683	0.052	ng/ul#	76
8) Acenaphthene	14.33	153	2354	0.238	ng/ul	99
9) Fluorene	15.32	166	2250	0.199	ng/ul	98
12) Phenanthrene	17.06	178	35844	1.921	ng/ul	98
13) Anthracene	17.15	178	8003	0.454	ng/ul	97
15) Fluoranthene	19.09	202	74973	3.425	ng/ul	99
17) Pyrene	19.45	202	66759	2.407	ng/ul	98
18) Benzo(a)anthracene	21.21	228	36209	1.576	ng/ul	99
19) Chrysene	21.26	228	60737	2.603	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	75340m	3.105	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	23340m	0.928	ng/ul	
23) Benzo(a)pyrene	23.34	252	32413	1.491	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.65	276	24379	0.976	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.64	278	6226	0.311	ng/ul#	63
26) Benzo(g,h,i)perylene	26.32	276	22121	1.050	ng/ul	97

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

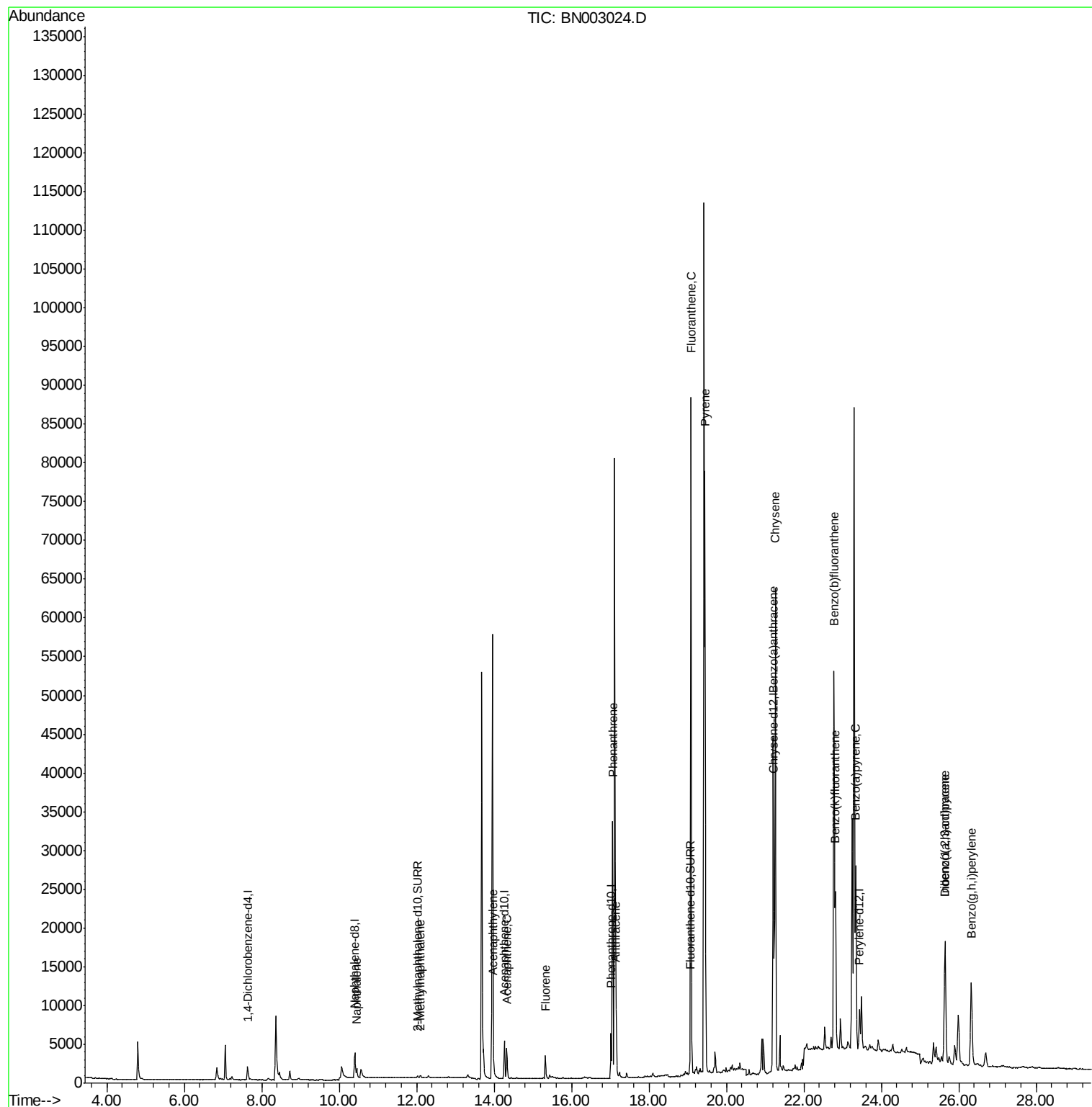
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
Data File : BN003024.D
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Misc :
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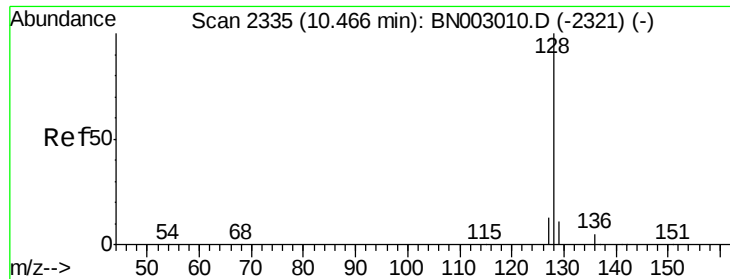
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
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#3

Naphthalene

Concen: 0.140 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BN003024.D

Acq: 09 Oct 2018 13:40

Instrument :

BNA_N

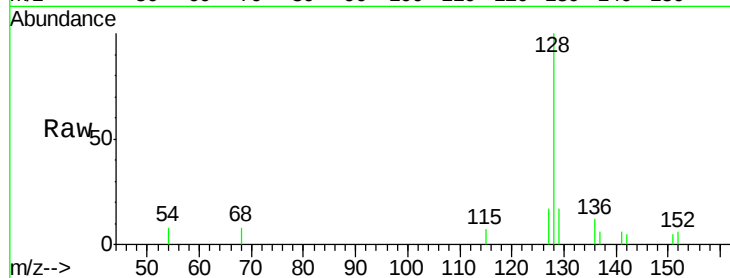
ClientSampleId :

JLC52DL

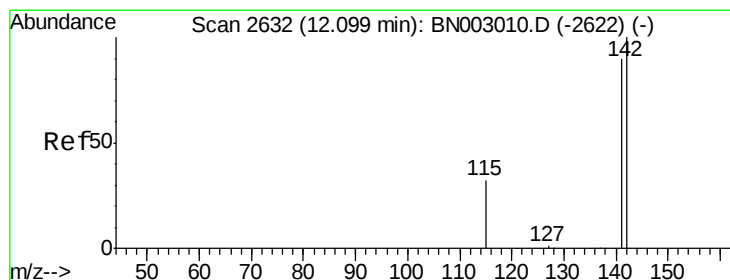
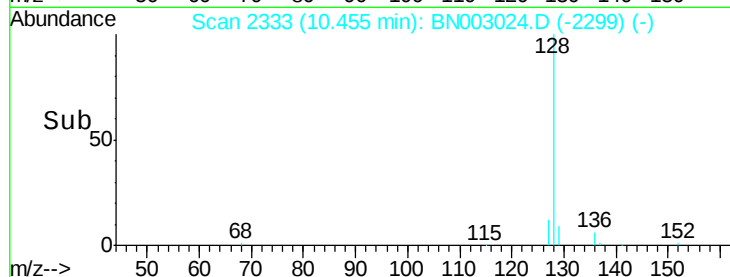
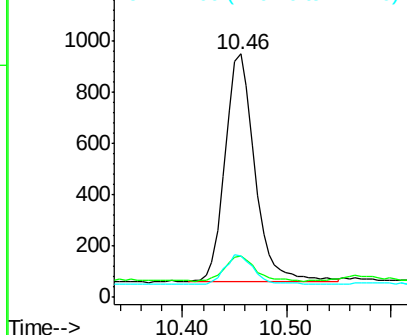
Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.8	10.4	15.6#
127	16.8	11.7	17.5

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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: 0.048 ng/ul

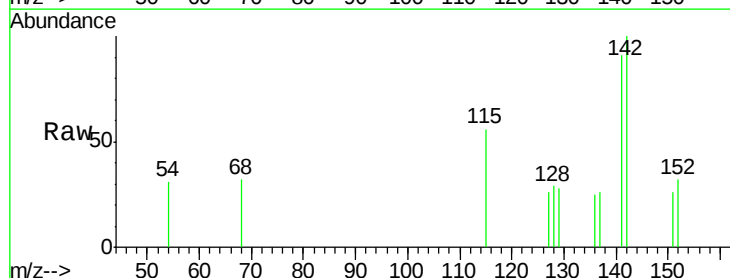
RT: 12.09 min Scan# 2631

Delta R.T. -0.01 min

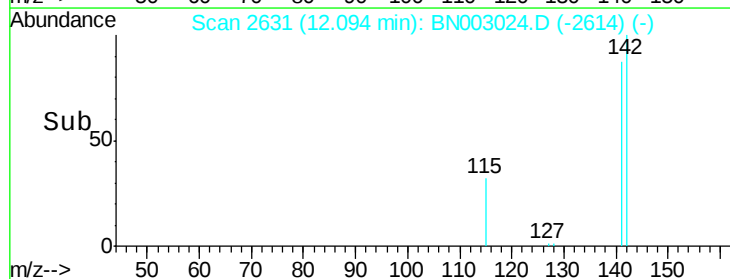
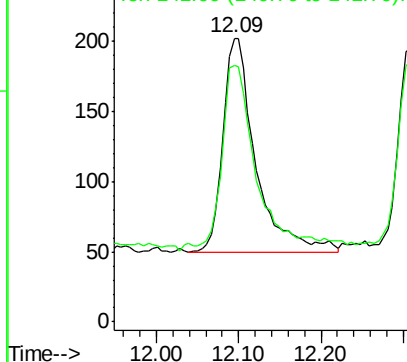
Lab File: BN003024.D

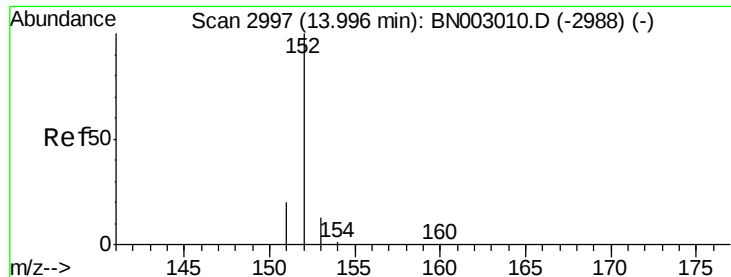
Acq: 09 Oct 2018 13:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.4	110.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 13.99 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BN003024.D

Acq: 09 Oct 2018 13:40

Instrument :

BNA_N

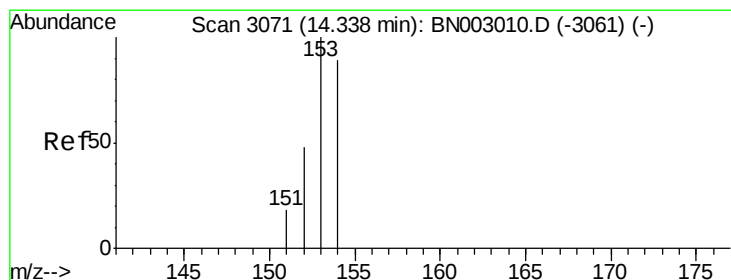
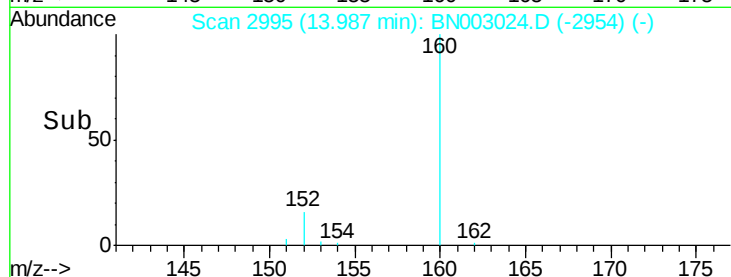
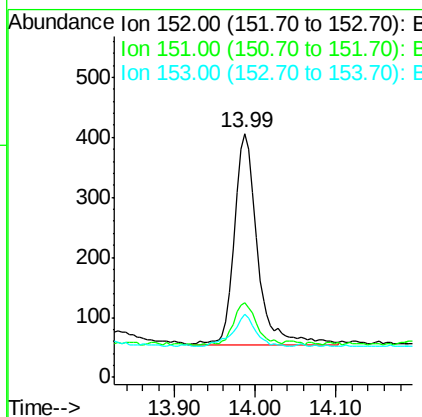
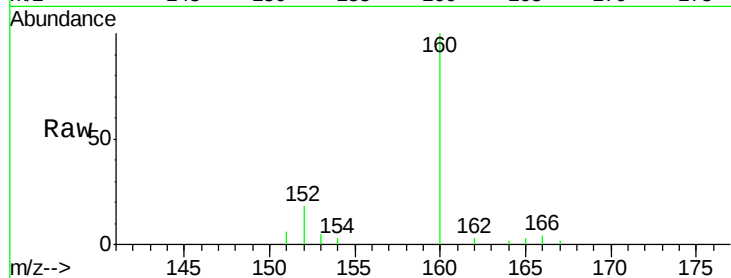
ClientSampled :

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Tgt Ion:	152	Resp:	683
Ion Ratio	Lower	Upper	
152	100		
151	30.5	16.5	24.7#
153	25.9	11.4	17.2#

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#8

Acenaphthene

Concen: 0.238 ng/ul

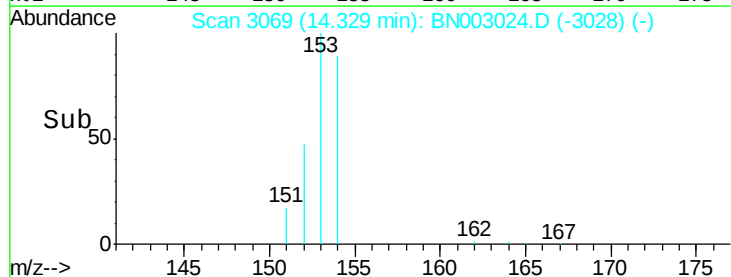
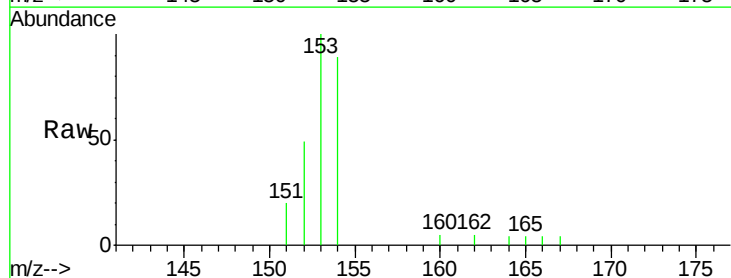
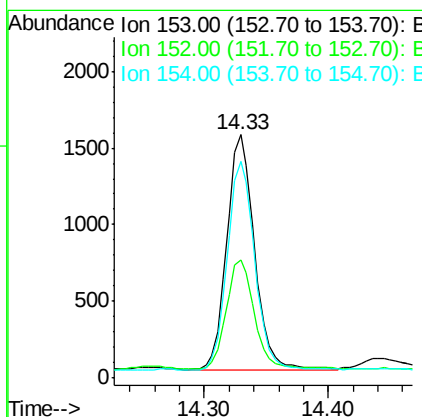
RT: 14.33 min Scan# 3069

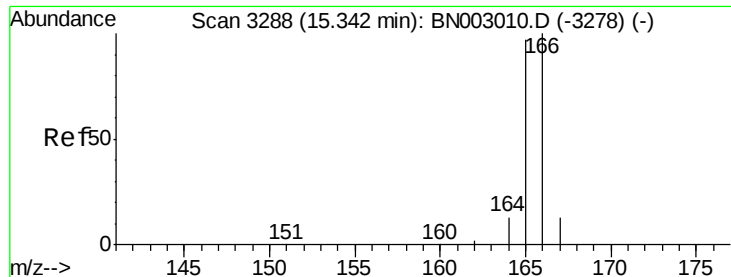
Delta R.T. -0.01 min

Lab File: BN003024.D

Acq: 09 Oct 2018 13:40

Tgt Ion:	153	Resp:	2354
Ion Ratio	Lower	Upper	
153	100		
152	48.8	38.2	57.4
154	89.0	70.2	105.2





#9

Fluorene

Concen: 0.199 ng/ul

RT: 15.32 min Scan# 3284

Delta R.T. -0.02 min

Lab File: BN003024.D

Acq: 09 Oct 2018 13:40

Instrument :

BNA_N

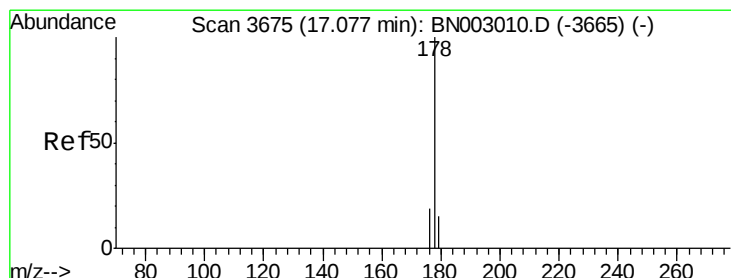
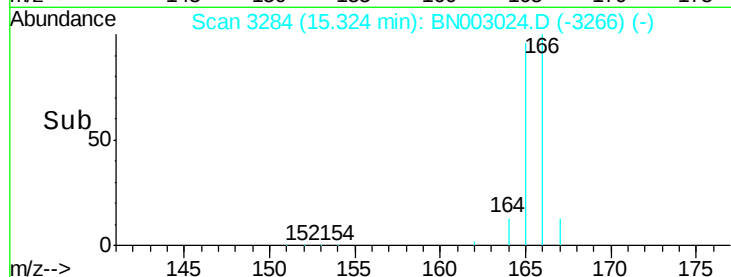
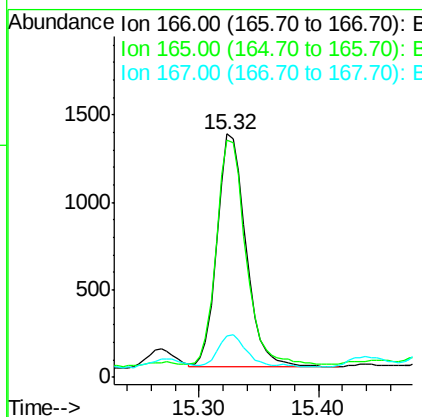
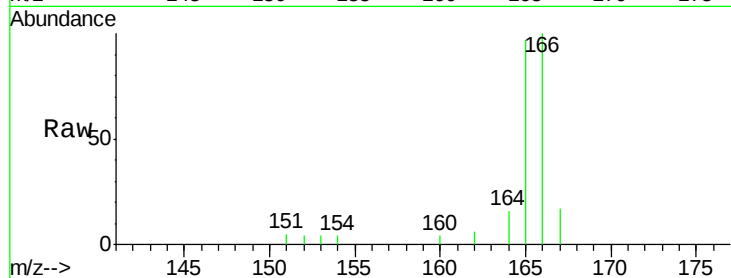
ClientSampleId :

JLC52DL

Tgt Ion:	166	Resp:	2250
Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.5	117.7
167	16.9	11.6	17.4

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#12

Phenanthrene

Concen: 1.921 ng/ul

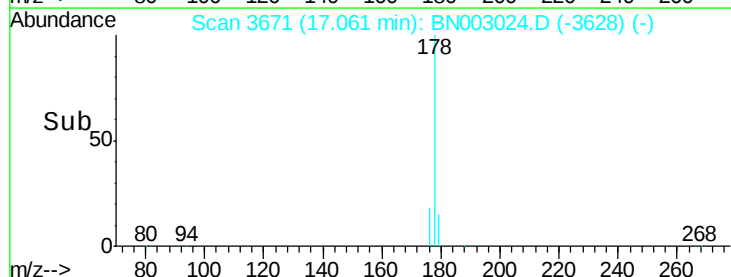
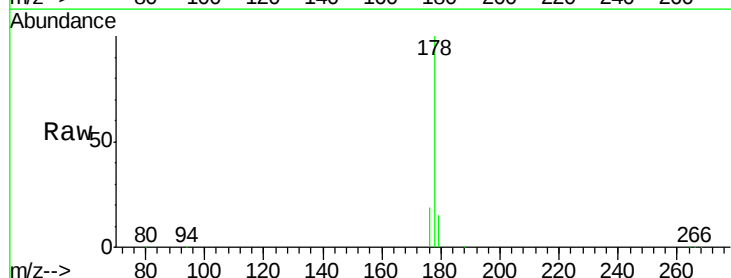
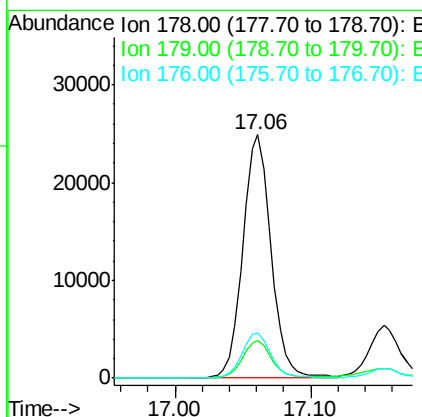
RT: 17.06 min Scan# 3671

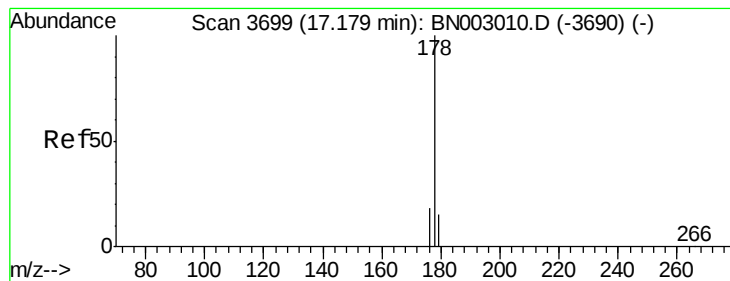
Delta R.T. -0.02 min

Lab File: BN003024.D

Acq: 09 Oct 2018 13:40

Tgt Ion:	178	Resp:	35844
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	18.6	15.4	23.2





#13

Anthracene

Concen: 0.454 ng/ul

RT: 17.15 min Scan# 3693

Delta R.T. -0.03 min

Lab File: BN003024.D

Acq: 09 Oct 2018 13:40

Instrument :

BNA_N

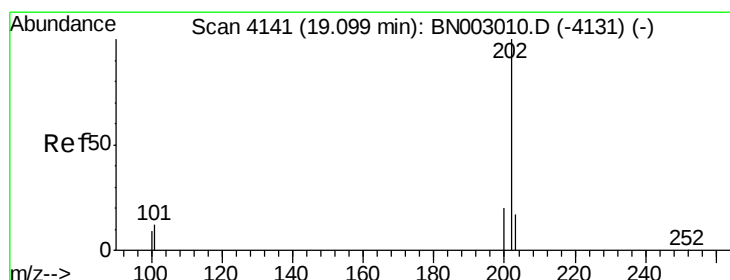
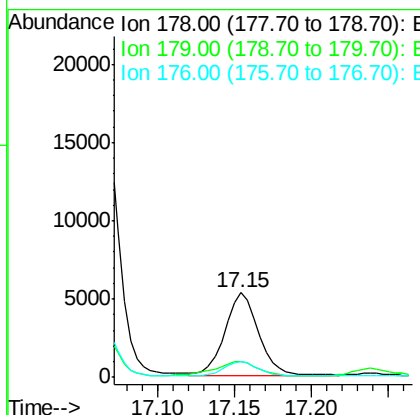
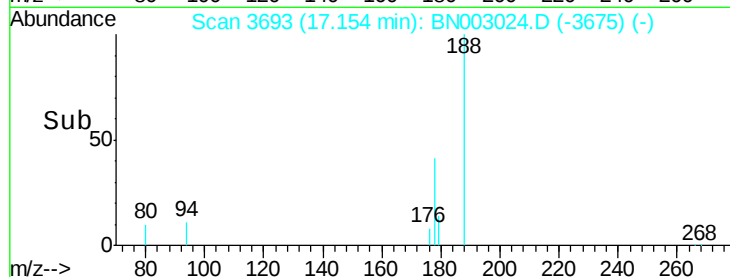
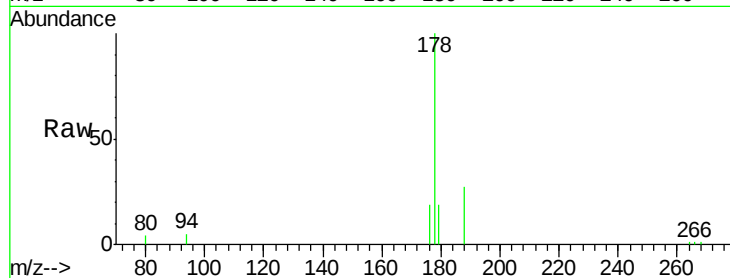
ClientSampled :

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Tgt Ion:	178	Resp:	8003
Ion Ratio	Lower	Upper	
178	100		
179	18.7	13.0	19.6
176	18.5	15.3	22.9

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#15

Fluoranthene

Concen: 3.425 ng/ul

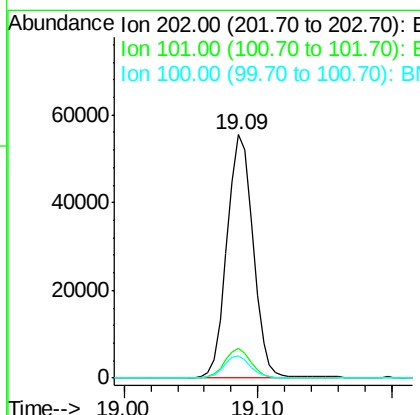
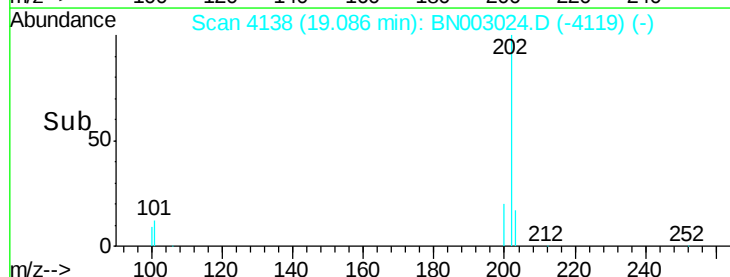
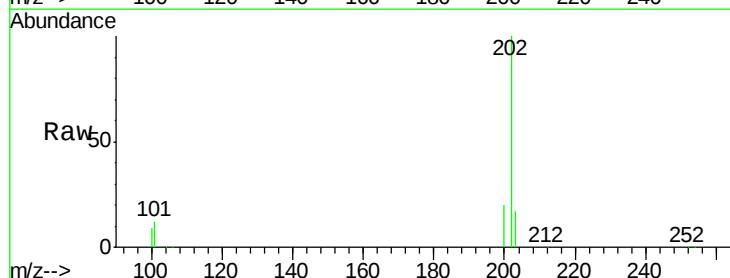
RT: 19.09 min Scan# 4138

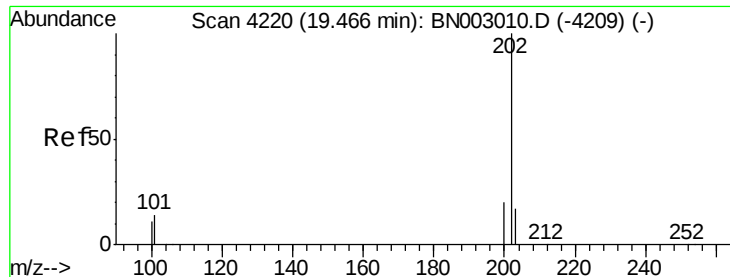
Delta R.T. -0.01 min

Lab File: BN003024.D

Acq: 09 Oct 2018 13:40

Tgt Ion:	202	Resp:	74973
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	32.3
100	9.0	0.0	29.1





#17

Pyrene

Concen: 2.407 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.02 min

Lab File: BN003024.D

Acq: 09 Oct 2018 13:40

Instrument :

BNA_N

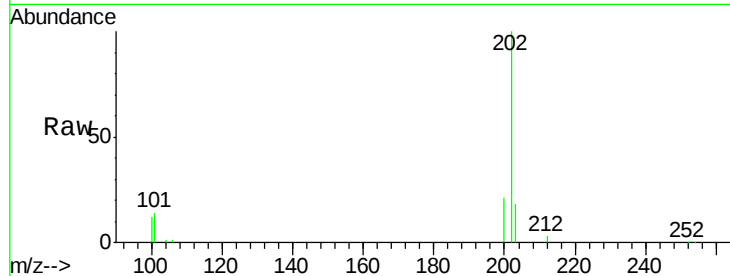
ClientSampleId :

JLC52DL

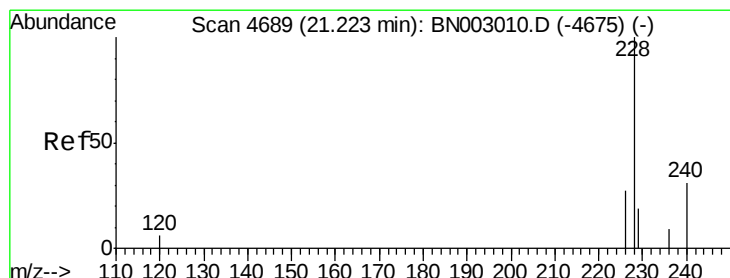
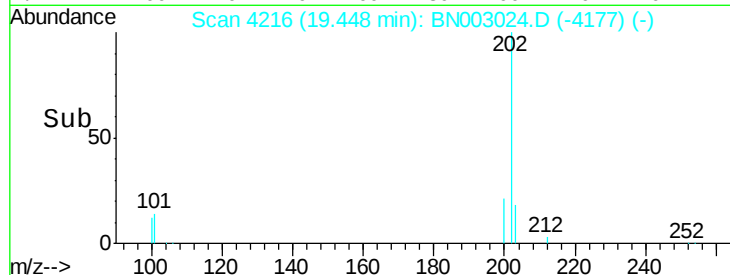
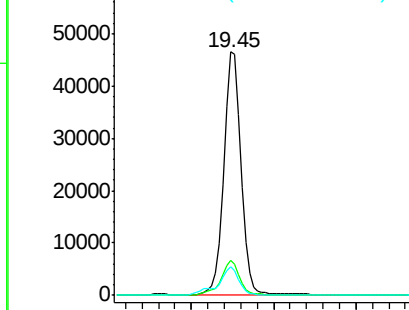
Tgt Ion:	202	Resp:	66759
Ion Ratio	Lower	Upper	
202	100		
101	14.2	11.9	17.9
100	11.7	9.9	14.9

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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



#18

Benzo(a)anthracene

Concen: 1.576 ng/ul

RT: 21.21 min Scan# 4684

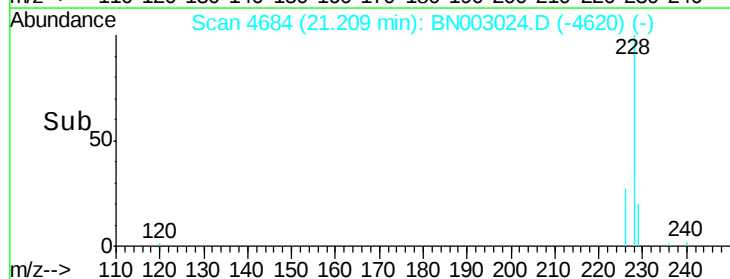
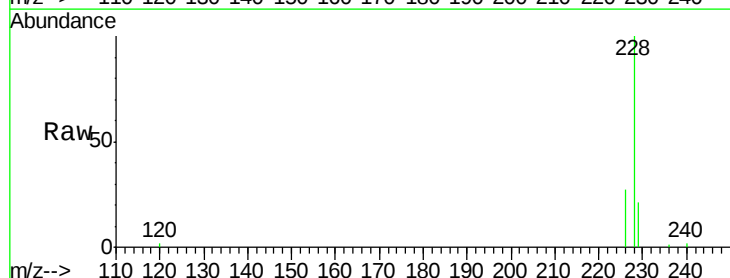
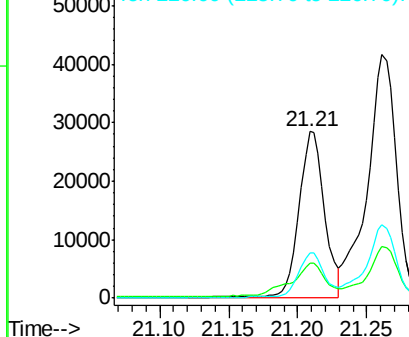
Delta R.T. -0.01 min

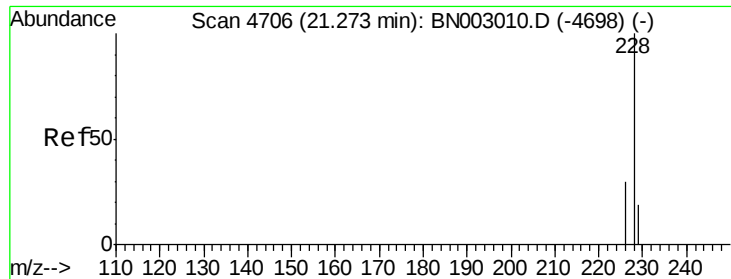
Lab File: BN003024.D

Acq: 09 Oct 2018 13:40

Tgt Ion:	228	Resp:	36209
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.2	24.2
226	27.5	22.3	33.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.603 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003024.D

Acq: 09 Oct 2018 13:40

Instrument :

BNA_N

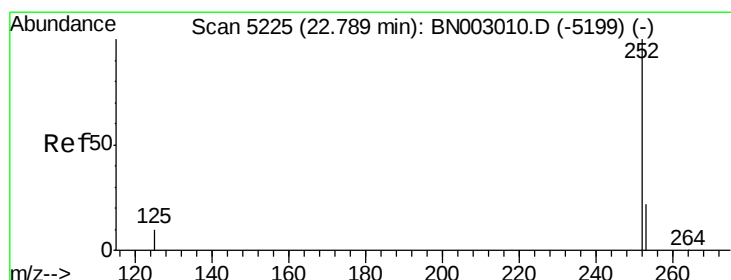
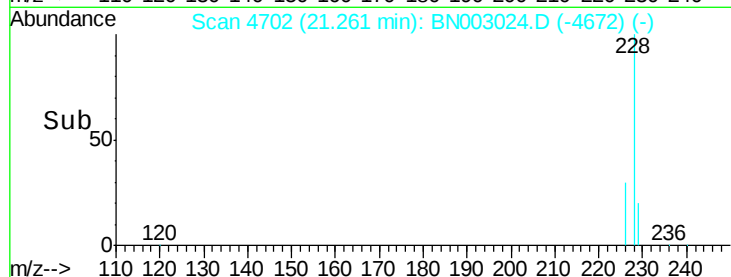
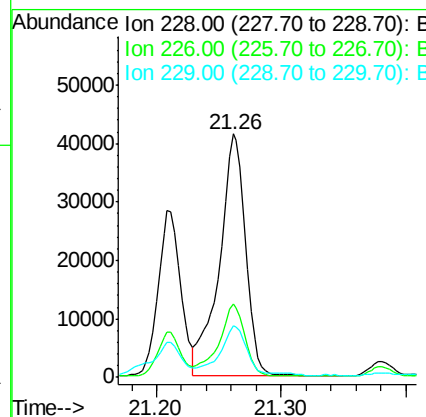
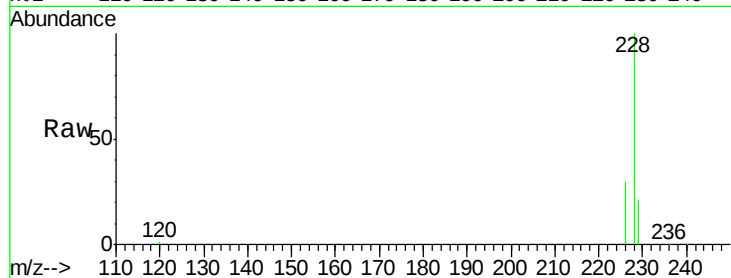
ClientSampled :

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Tgt Ion:	228	Resp:	60737
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.2	36.4
229	21.4	16.7	25.1

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 3.105 ng/ul m

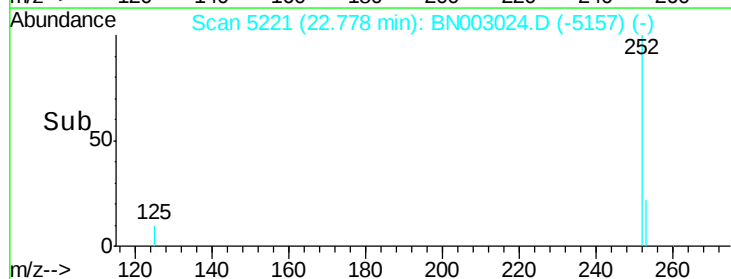
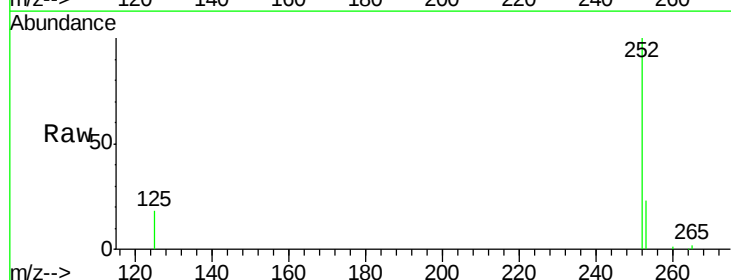
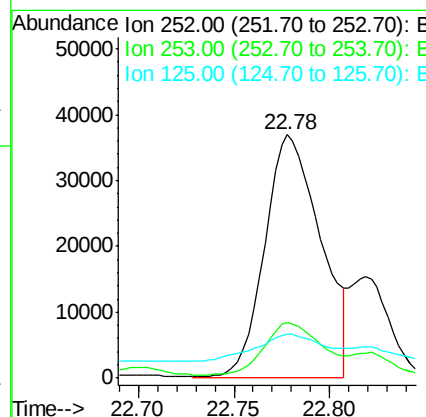
RT: 22.78 min Scan# 5221

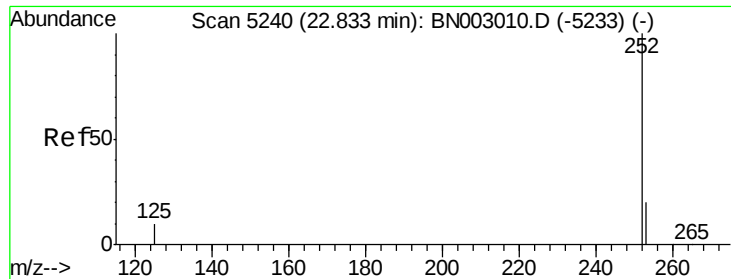
Delta R.T. -0.01 min

Lab File: BN003024.D

Acq: 09 Oct 2018 13:40

Tgt Ion:	252	Resp:	75340
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	53.2
125	17.9	0.0	34.2





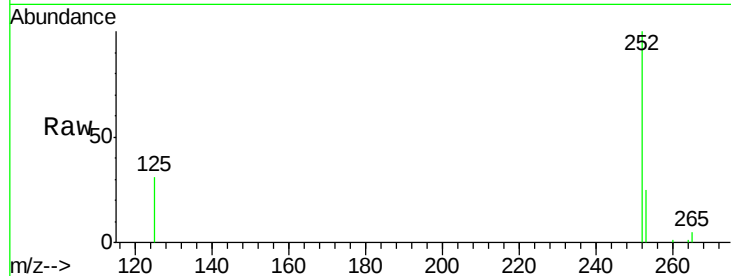
#22
Benzo(k)fluoranthene
Concen: 0.928 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN003024.D
Acq: 09 Oct 2018 13:40

Instrument :
BNA_N
ClientSampleId :
JLC52DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.3	31.9
125	30.8	14.1	21.1

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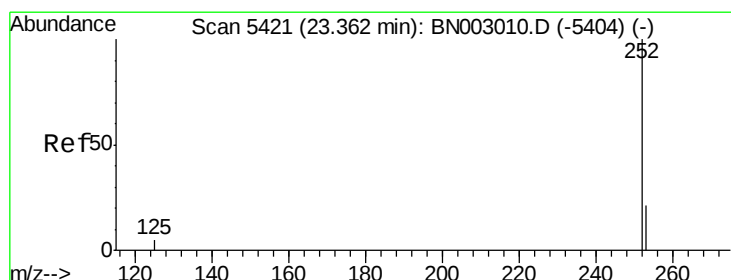
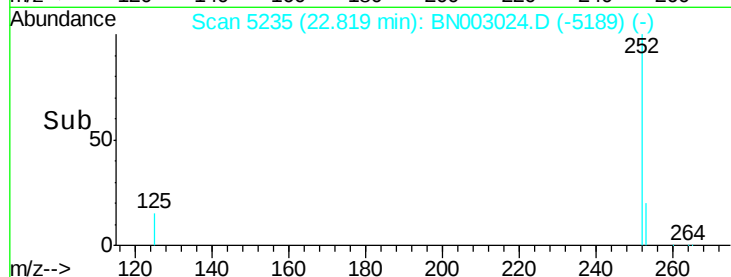
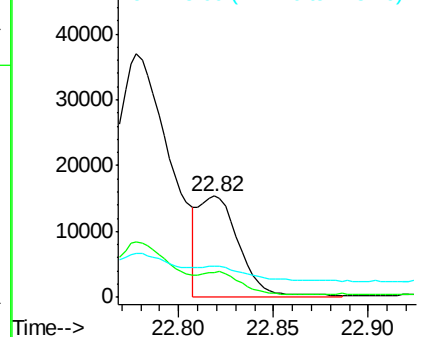


Abundance

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: 1.491 ng/ul
RT: 23.34 min Scan# 5414
Delta R.T. -0.02 min
Lab File: BN003024.D
Acq: 09 Oct 2018 13:40

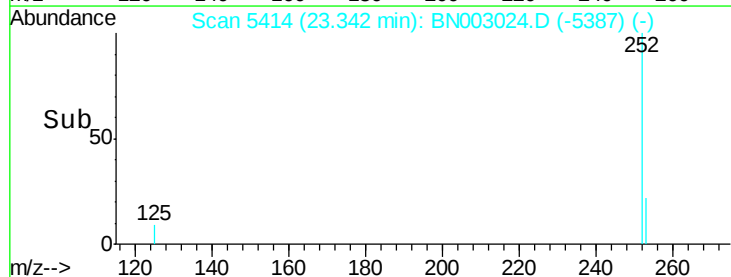
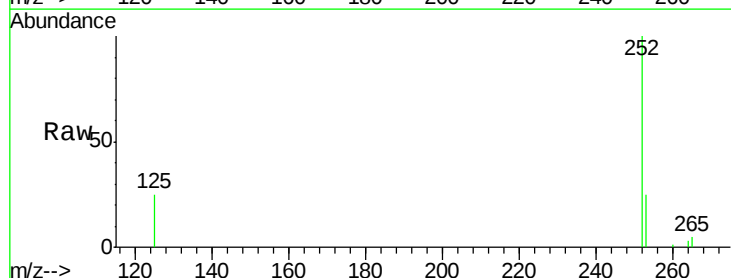
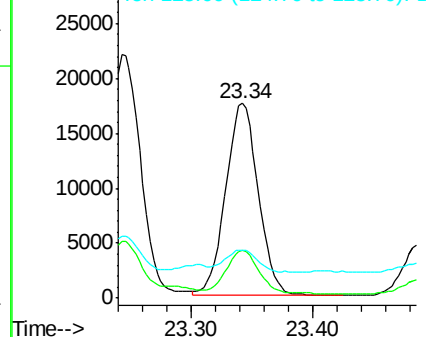
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	23.1	34.7
125	24.7	16.9	25.3

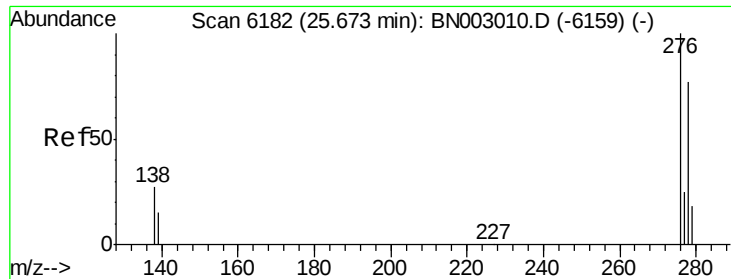
Abundance

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





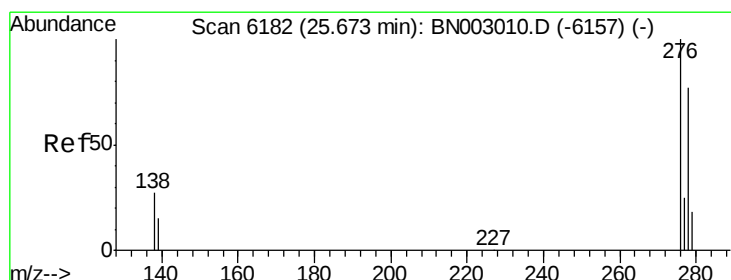
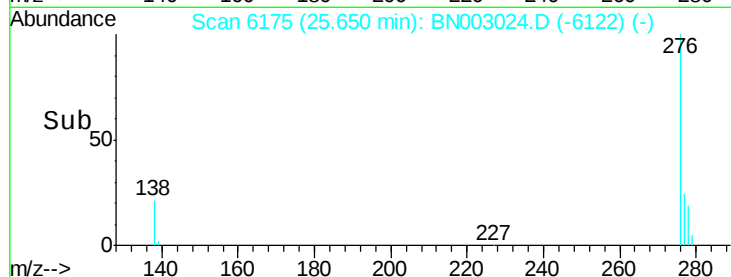
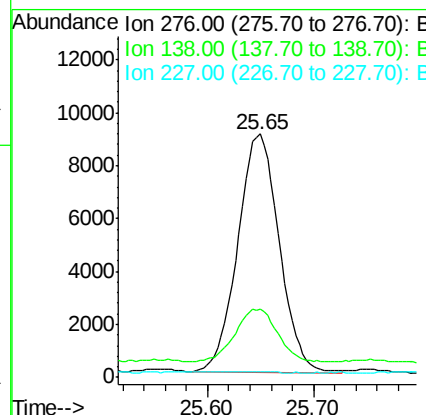
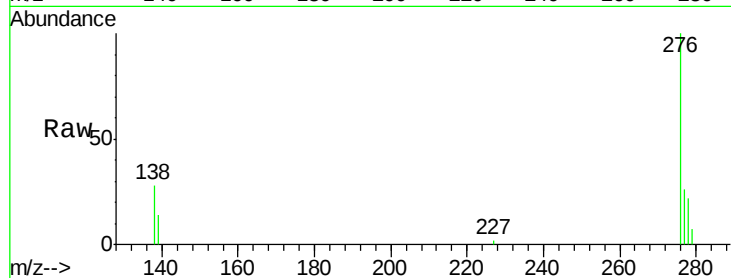
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.976 ng/ul
 RT: 25.65 min Scan# 6175
 Delta R.T. -0.02 min
 Lab File: BN003024.D
 Acq: 09 Oct 2018 13:40

Instrument :
 BNA_N
 ClientSampleId :
 JLC52DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	21.5	32.3
227	0.0	0.3	0.5

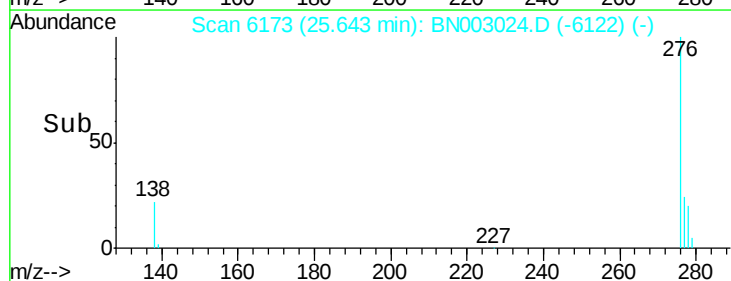
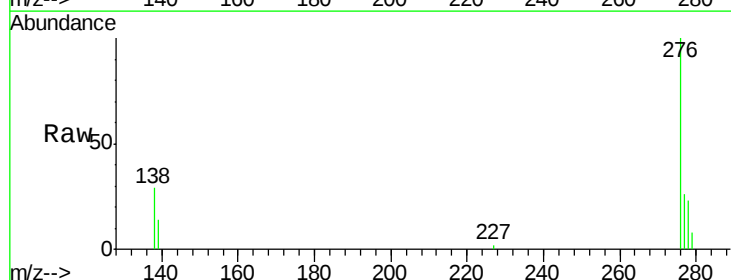
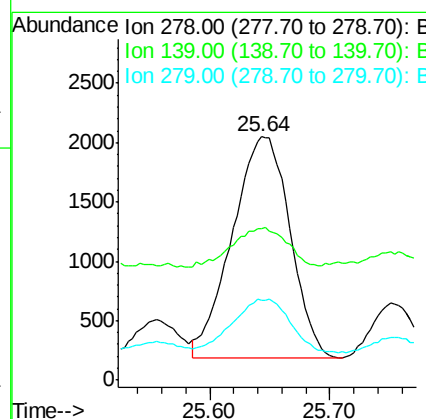
Manual Integrations
 APPROVED

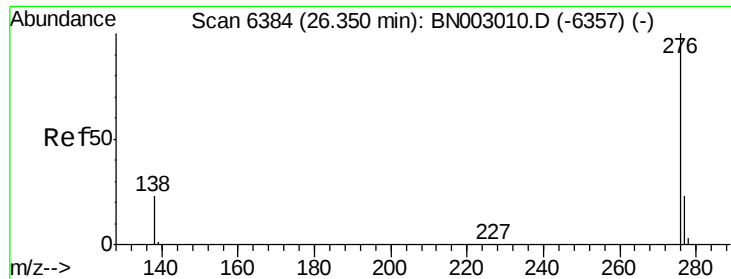
Sohil
 10/9/2018 5:38:38 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.311 ng/ul
 RT: 25.64 min Scan# 6173
 Delta R.T. -0.03 min
 Lab File: BN003024.D
 Acq: 09 Oct 2018 13:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	62.0	20.2	30.4
279	33.0	23.8	35.8





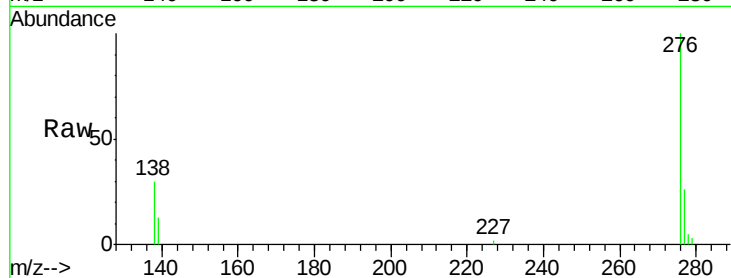
#26
 Benzo(g,h,i)perylene
 Concen: 1.050 ng/ul
 RT: 26.32 min Scan# 6376
 Delta R.T. -0.03 min
 Lab File: BN003024.D
 Acq: 09 Oct 2018 13:40

Instrument :
 BNA_N
 ClientSampleId :
 JLC52DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.8	23.0	34.4
277	26.0	22.0	33.0

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:38 PM



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

