

Data Path : Z:\HPCHEM1\BNA N\DATA\BN043018\
 Data File : BN001016.D
 Acq On : 01 May 2018 04:35
 Operator : JU/SJ
 Sample : J2599-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAT35

Manual Integrations
 APPROVED

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 5/1/2018 7:08:39 PM

Quant Time: May 01 05:58:57 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 01 01:47:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	168873	20.00	ng/ul	0.00
2) Naphthalene-d8	10.38	136	726825	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	363769	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	662437	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	488845	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	511785	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	787818	22.55	ng/ul	0.00
10) Fluorene-d10	15.25	176	534096	22.90	ng/ul	0.00
14) Anthracene-d10	17.10	188	703127	23.21	ng/ul	0.00
18) Pyrene-d10	19.40	212	618274	24.68	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	613582	25.38	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	147854	4.092	ng/ul	100
16) Fluoranthene	19.07	202	310389	8.468	ng/ul#	94
19) Pyrene	19.43	202	260074	8.283	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	119947	4.105	ng/ul	96
21) Chrysene	21.25	228	133933m	4.876	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	211642	7.277	ng/ul#	97
24) Benzo(k)fluoranthene	22.79	252	53235m	1.871	ng/ul	
26) Benzo(a)pyrene	23.30	252	124510	4.479	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.57	276	100265	2.986	ng/ul#	91
29) Benzo(g,h,i)perylene	26.24	276	98639	3.513	ng/ul#	91

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

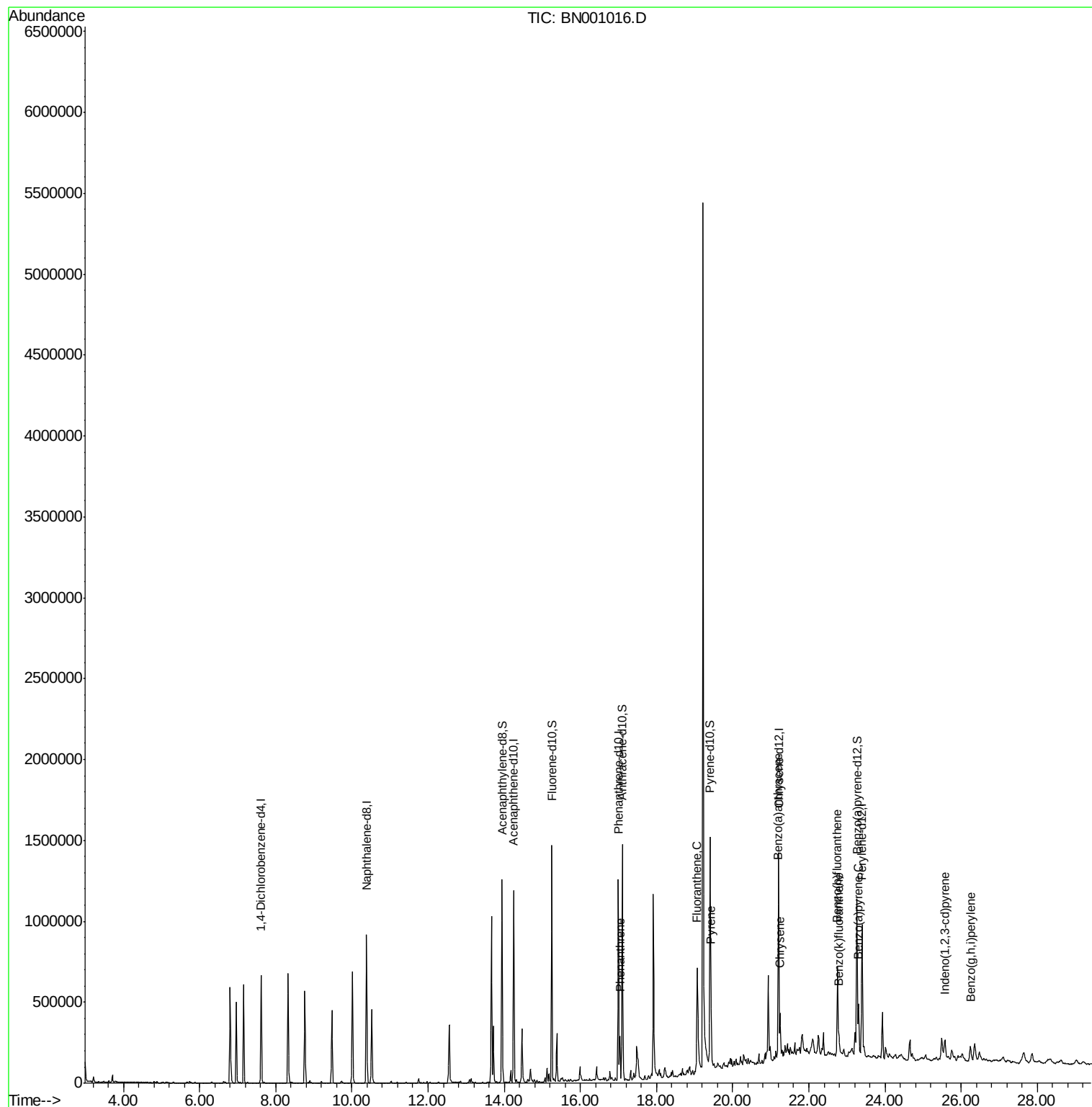
Data Path : Z:\HPCHEM1\BNA N\DATA\BN043018\
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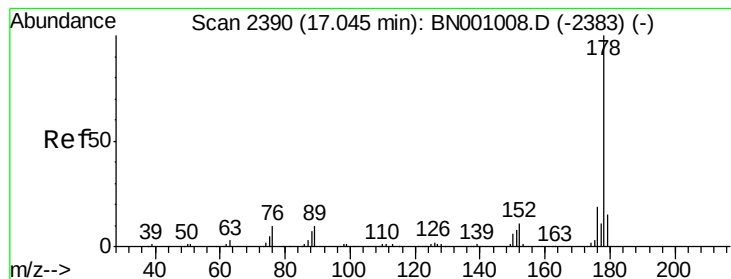
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Response via : Initial Calibration





#13

Phenanthrene

Concen: 4.092 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN001016.D

Acq: 01 May 2018 04:35

Instrument :

BNA_N

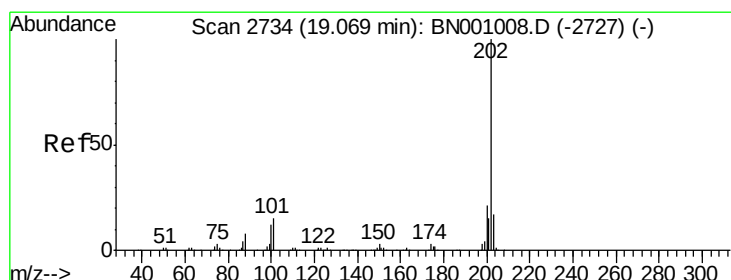
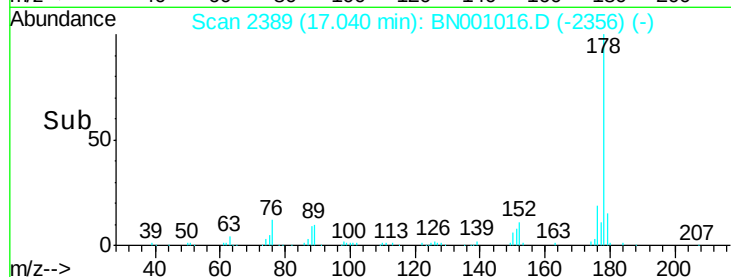
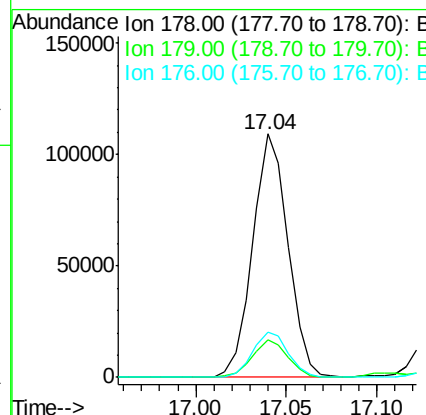
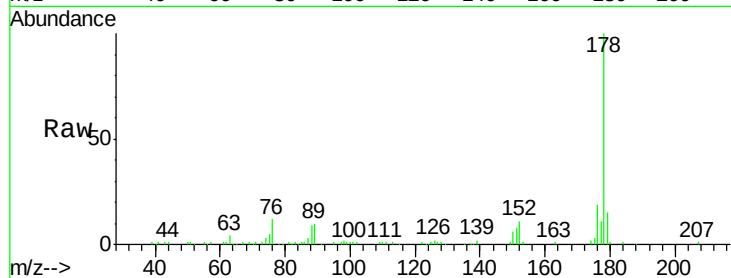
ClientSampled :

DAT35

Tot Ion:	178	Resp:	147854
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	18.6	15.1	22.7

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#16

Fluoranthene

Concen: 8.468 ng/ul

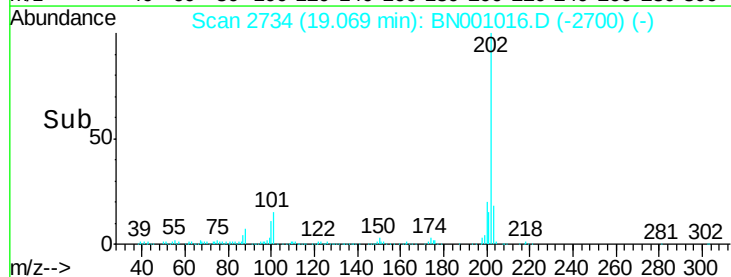
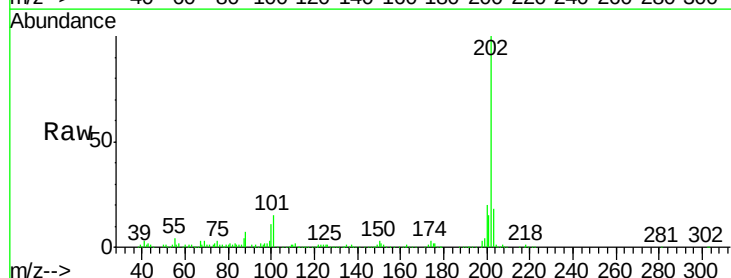
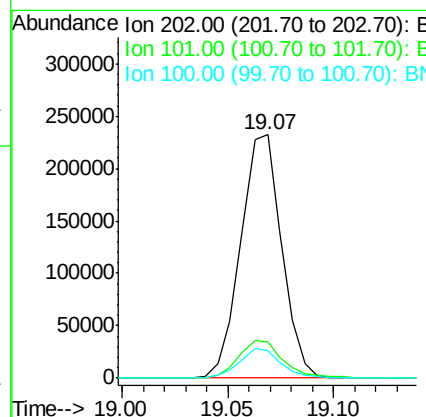
RT: 19.07 min Scan# 2734

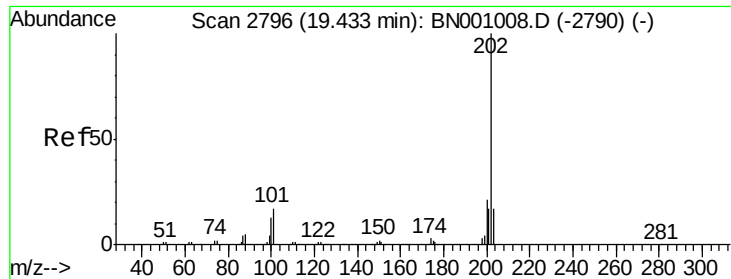
Delta R.T. 0.00 min

Lab File: BN001016.D

Acq: 01 May 2018 04:35

Tgt Ion:	202	Resp:	310389
Ion Ratio	Lower	Upper	
202	100		
101	15.1	9.9	14.9#
100	11.2	7.4	11.0#





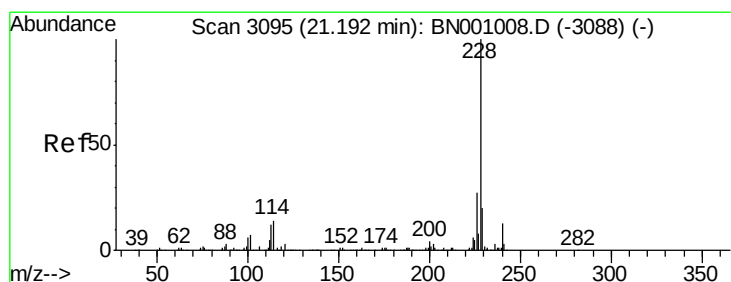
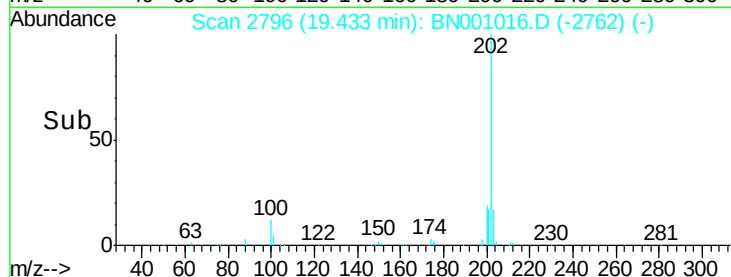
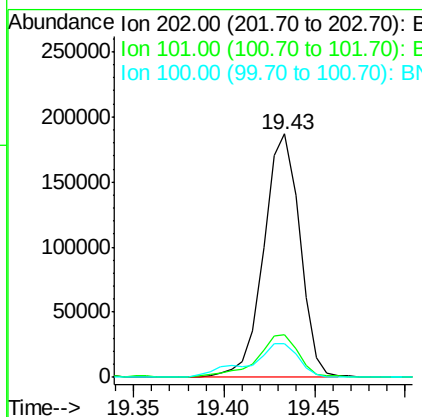
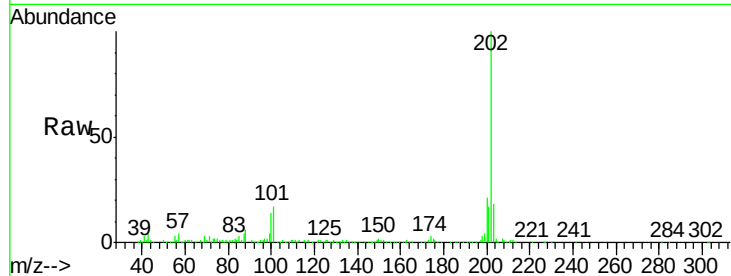
#19
Pvrene
Concen: 8.283 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.00 min
Lab File: BN001016.D
Acq: 01 May 2018 04:35

Instrument :
BNA_N
ClientSampled :
DAT35

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	17.3	11.0	16.4#
100	13.9	8.1	12.1#

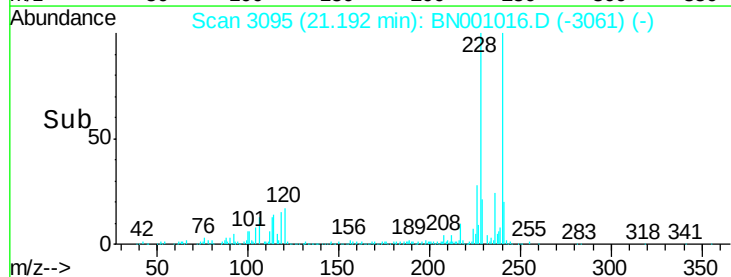
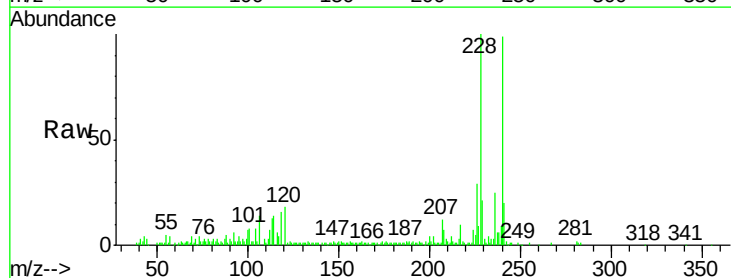
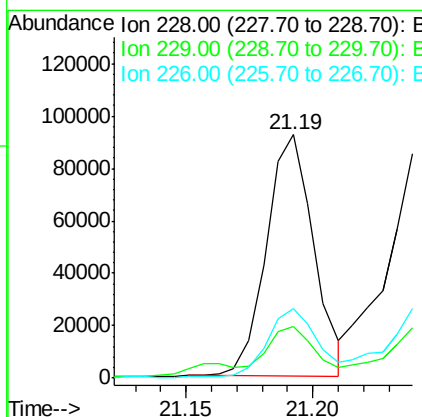
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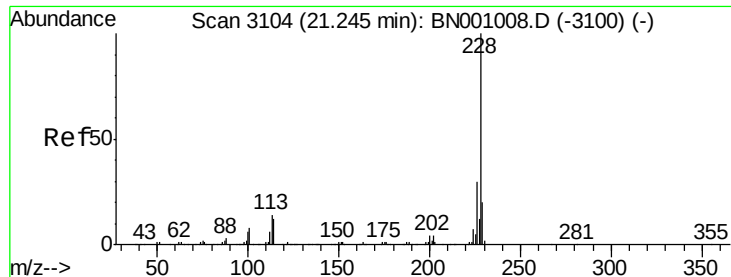
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#20
Benzo(a)anthracene
Concen: 4.105 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BN001016.D
Acq: 01 May 2018 04:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.4	15.7	23.5
226	28.6	21.1	31.7





#21

Chrysene

Concen: 4.876 ng/ul m

RT: 21.25 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BN001016.D

Acq: 01 May 2018 04:35

Instrument :

BNA_N

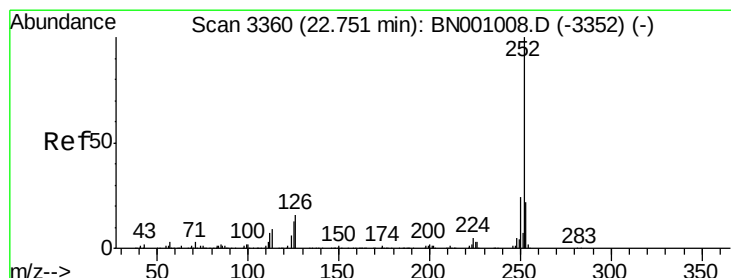
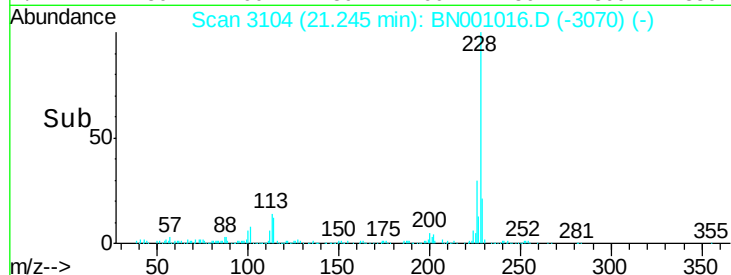
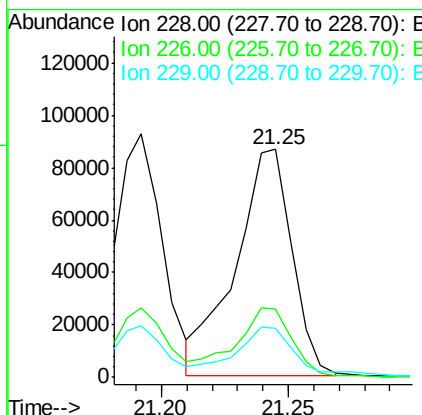
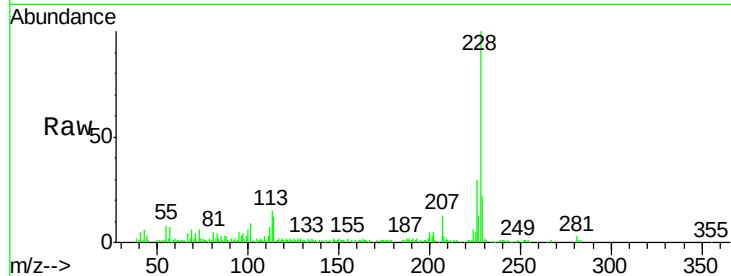
ClientSampleId :

DAT35

Tot Ion:	228	Resp:	133933
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.5	36.7
229	21.5	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 7.277 ng/ul

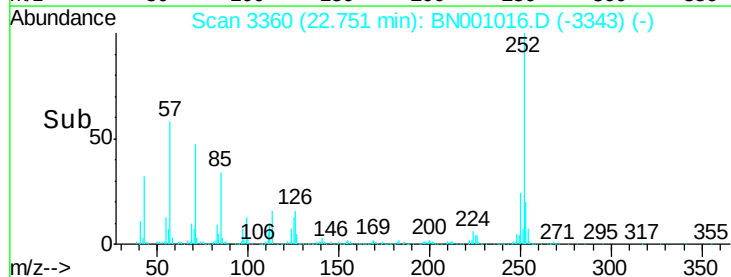
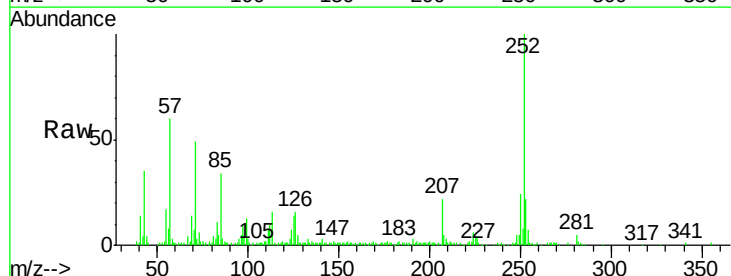
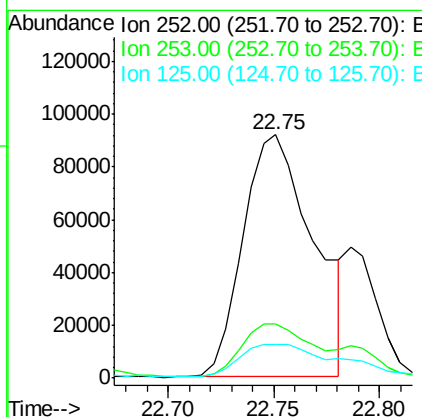
RT: 22.75 min Scan# 3360

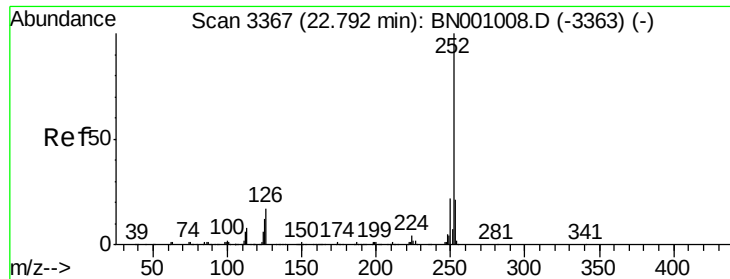
Delta R.T. 0.00 min

Lab File: BN001016.D

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Tgt Ion:	252	Resp:	211642
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.0	27.0
125	14.0	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 1.871 ng/ul m

RT: 22.79 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BN001016.D

Acq: 01 May 2018 04:35

Instrument :

BNA_N

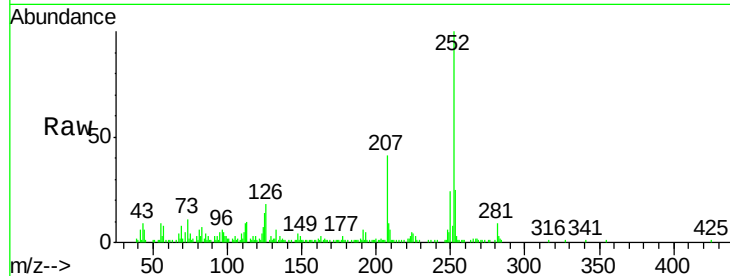
ClientSampled :

DAT35

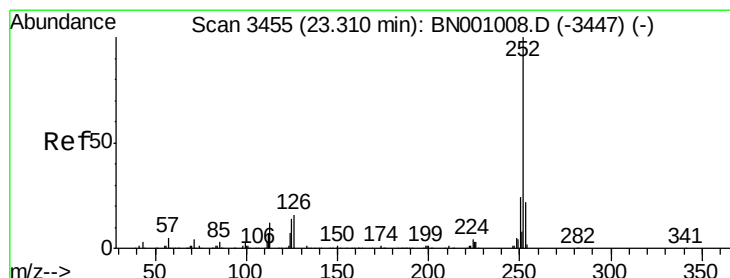
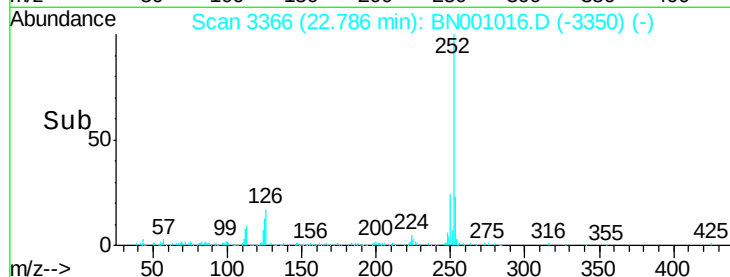
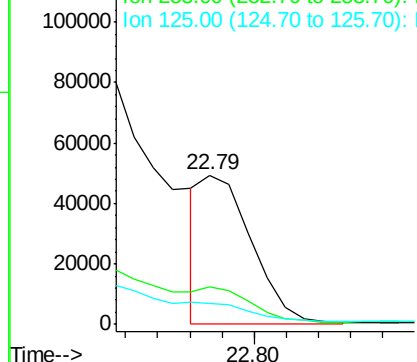
Tot Ion:	252	Resp:	53235
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.0	27.0
125	14.4	8.1	12.1#

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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



#26

Benzo(a)pyrene

Concen: 4.479 ng/ul

RT: 23.30 min Scan# 3454

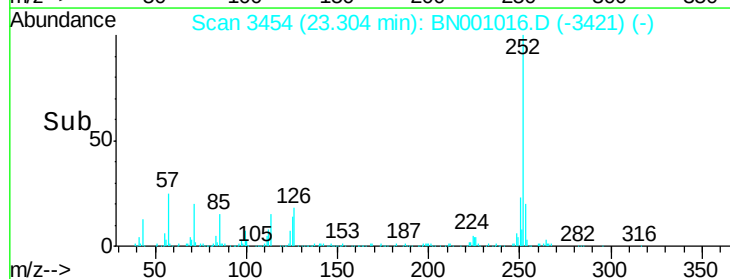
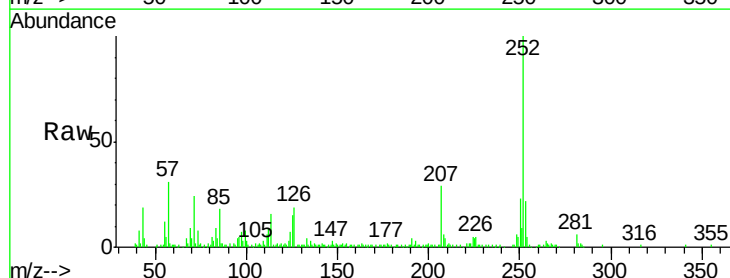
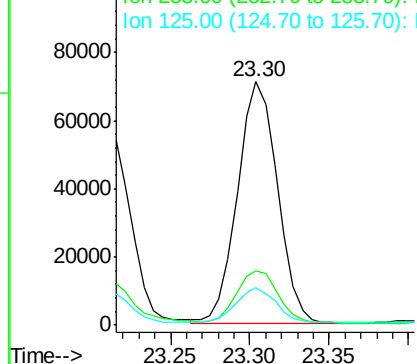
Delta R.T. -0.01 min

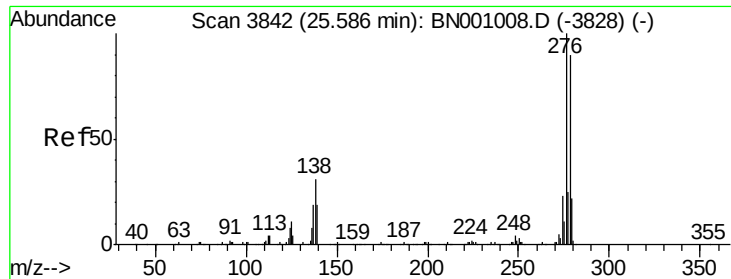
Lab File: BN001016.D

Acq: 01 May 2018 04:35

Tgt Ion:	252	Resp:	124510
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.2	25.8
125	15.5	8.2	12.4#

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





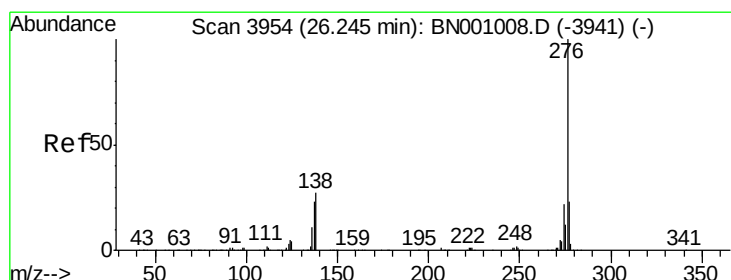
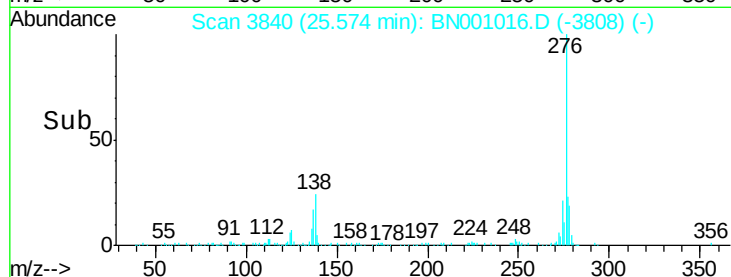
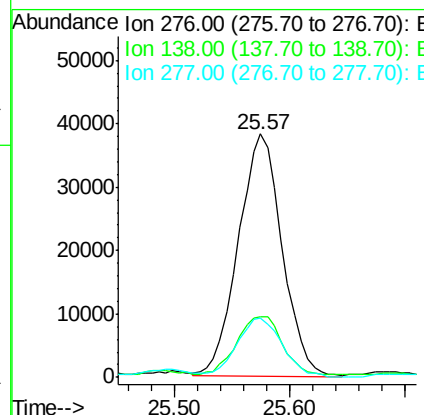
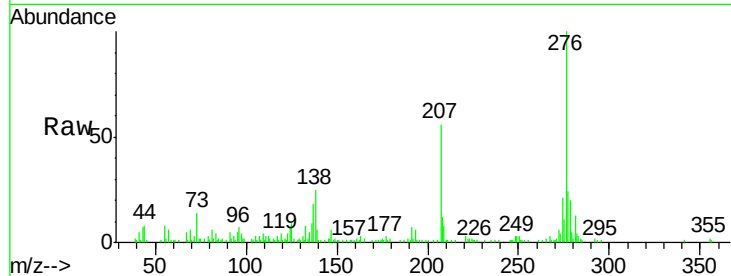
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.986 ng/ul
 RT: 25.57 min Scan# 3840
 Delta R.T. -0.01 min
 Lab File: BN001016.D
 Acq: 01 May 2018 04:35

Instrument :
 BNA_N
 ClientSampled :
 DAT35

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	14.4	21.6#
277	24.2	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 3.513 ng/ul
 RT: 26.24 min Scan# 3953
 Delta R.T. -0.01 min
 Lab File: BN001016.D
 Acq: 01 May 2018 04:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	15.3	22.9#
277	23.3	19.0	28.4

