

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031618\
 Data File : BN000443.D
 Acq On : 16 Mar 2018 17:42
 Operator : JU/SJ
 Sample : J1866-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMG7RE

Manual Integrations
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Quant Time: Mar 16 18:30:10 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 15:34:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	58793	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	320618	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	215815	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.80	188	624722	20.00	ng/ul	0.00
17) Chrysene-d12	21.92	240	848656	20.00	ng/ul	0.01
22) Perylene-d12	24.41	264	867513	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	401281	18.73	ng/ul	0.00
10) Fluorene-d10	16.05	176	289991	19.99	ng/ul	0.00
14) Anthracene-d10	17.89	188	548413	18.79	ng/ul	0.00
18) Pyrene-d10	20.15	212	734285	17.69	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.25	264	732376	18.49	ng/ul	0.01
Target Compounds				Ovalue		
8) Acenaphthylene	14.80	152	33785	1.570	ng/ul	98
13) Phenanthrene	17.84	178	229132	6.395	ng/ul	100
15) Anthracene	17.92	178	66353	1.825	ng/ul	99
16) Fluoranthene	19.82	202	756666	19.547	ng/ul#	95
19) Pyrene	20.18	202	621955	11.608	ng/ul#	89
20) Benzo(a)anthracene	21.90	228	386793	7.331	ng/ul	98
21) Chrysene	21.95	228	360005	7.190	ng/ul	96
23) Benzo(b)fluoranthene	23.65	252	461070m	8.913	ng/ul	
24) Benzo(k)fluoranthene	23.70	252	174001m	3.593	ng/ul	
26) Benzo(a)pyrene	24.31	252	312979	6.357	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.00	276	189091	3.562	ng/ul#	85
28) Dibenzo(a,h)anthracene	27.00	278	54812	1.260	ng/ul#	82
29) Benzo(a,h,i)perylene	27.81	276	171962	3.880	ng/ul#	89

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

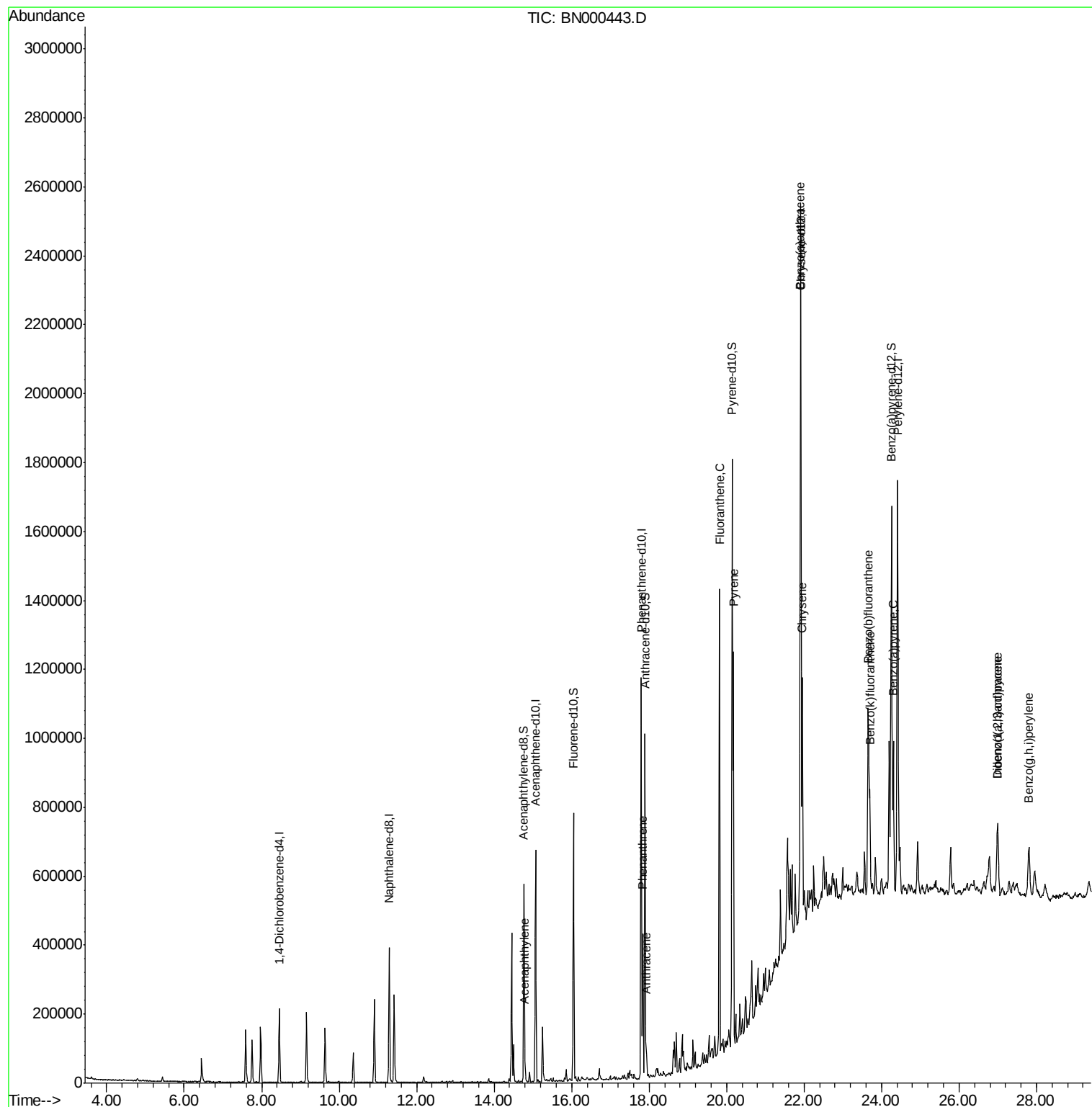
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031618\
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ALS Vial : 9 Sample Multiplier: 1

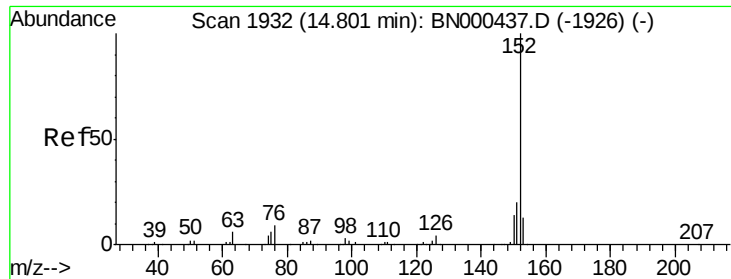
Instrument :
BNA_N
ClientSampled :
DAMG7RE

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Quant Time: Mar 16 18:30:10 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 15:34:38 2018
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.570 ng/ul

RT: 14.80 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BN000443.D

Acq: 16 Mar 2018 17:42

Instrument :

BNA_N

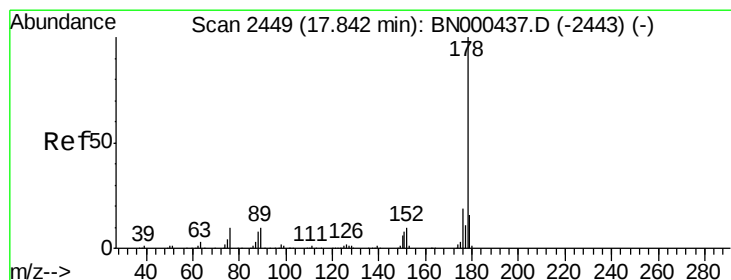
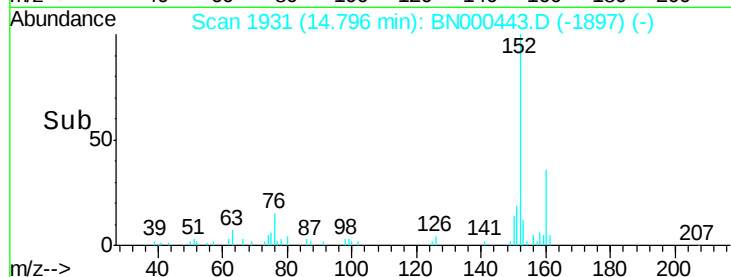
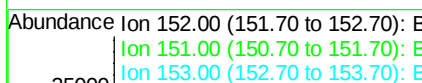
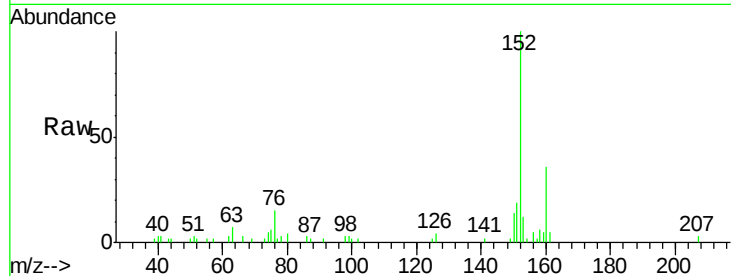
ClientSampleId :

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Tot Ion:	152	Resp:	33785
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.7	25.1
153	12.3	10.2	15.4

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#13

Phenanthrene

Concen: 6.395 ng/ul

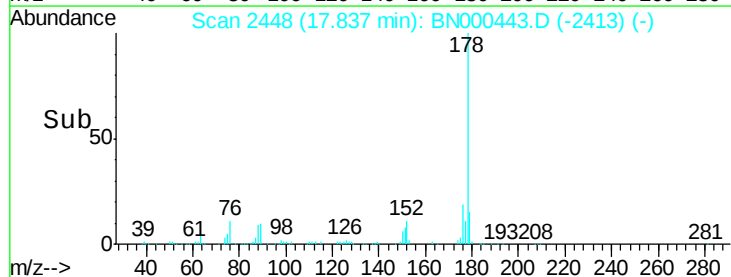
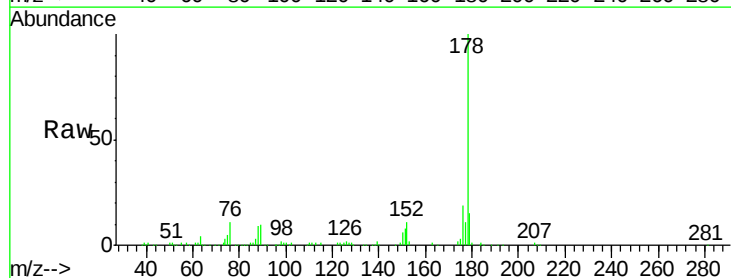
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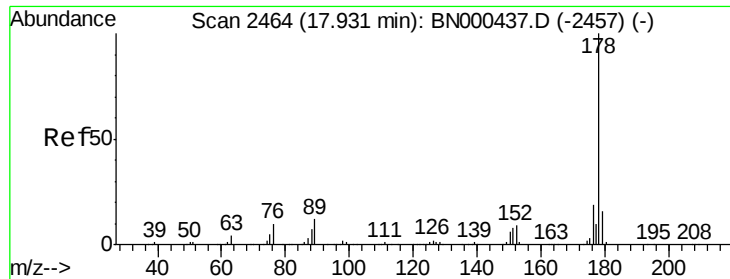
Delta R.T. 0.01 min

Lab File: BN000443.D

Acq: 16 Mar 2018 17:42

Tgt Ion:	178	Resp:	229132
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.3	18.5
176	19.2	15.1	22.7





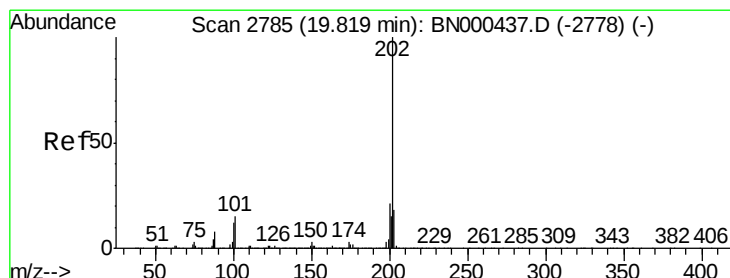
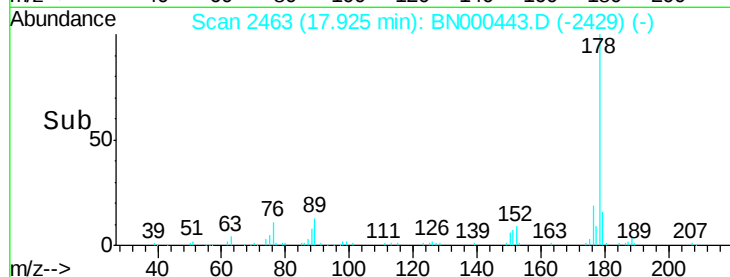
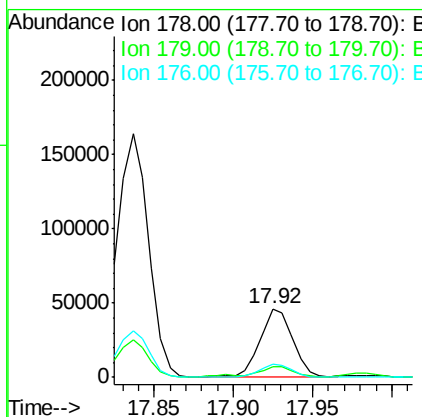
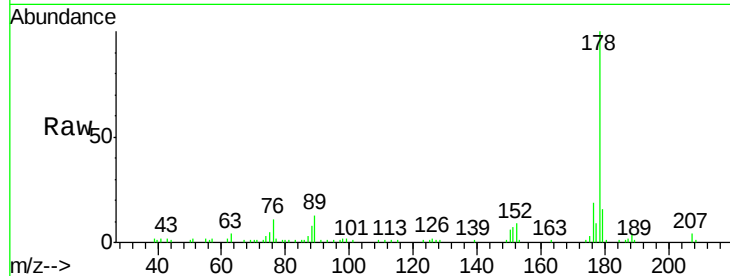
#15
 Anthracene
 Concen: 1.825 ng/ul
 RT: 17.92 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: BN000443.D
 Acq: 16 Mar 2018 17:42

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	18.7	15.2	22.8

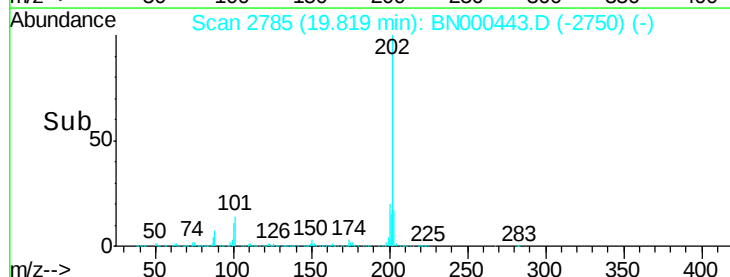
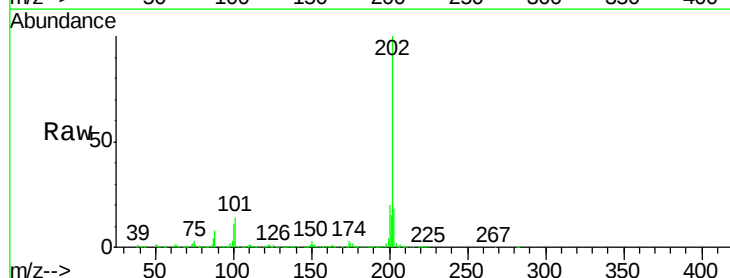
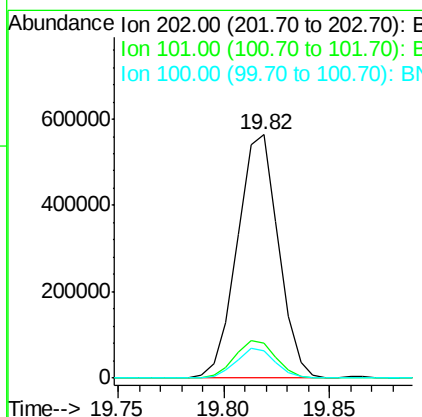
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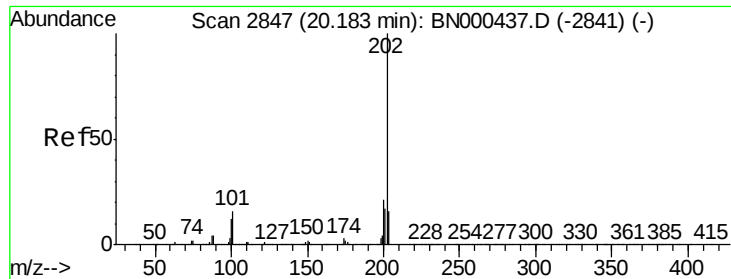
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#16
 Fluoranthene
 Concen: 19.547 ng/ul
 RT: 19.82 min Scan# 2785
 Delta R.T. 0.01 min
 Lab File: BN000443.D
 Acq: 16 Mar 2018 17:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.9	14.9
100	11.2	7.4	11.0#





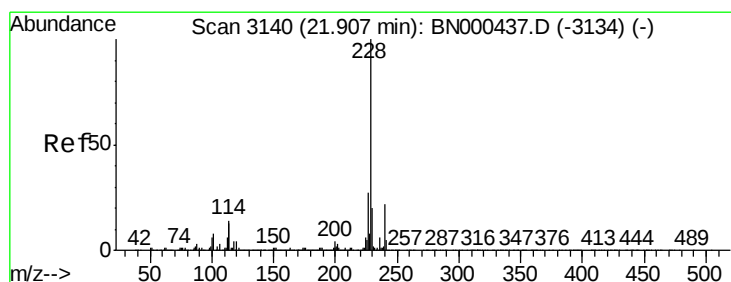
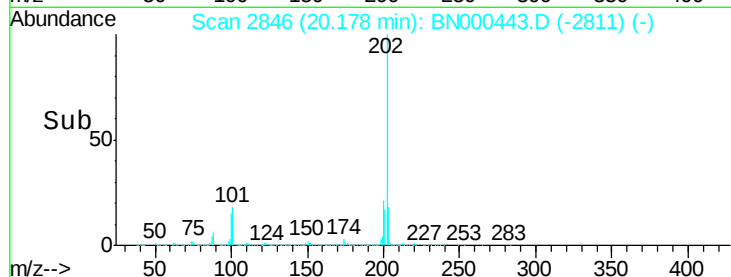
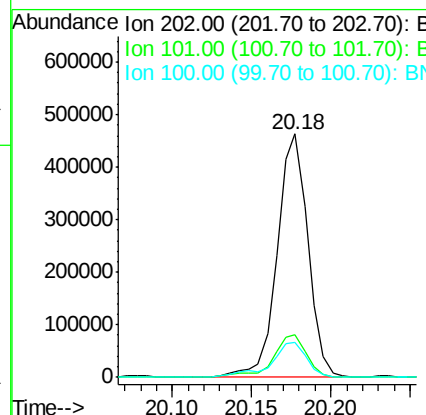
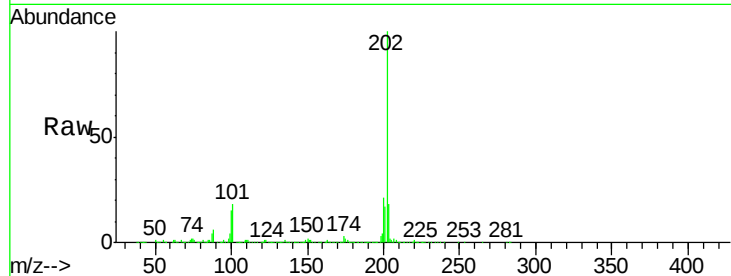
#19
Pvrene
Concen: 11.608 ng/ul
RT: 20.18 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BN000443.D
Acq: 16 Mar 2018 17:42

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.6	11.0	16.4#
100	14.5	8.1	12.1#

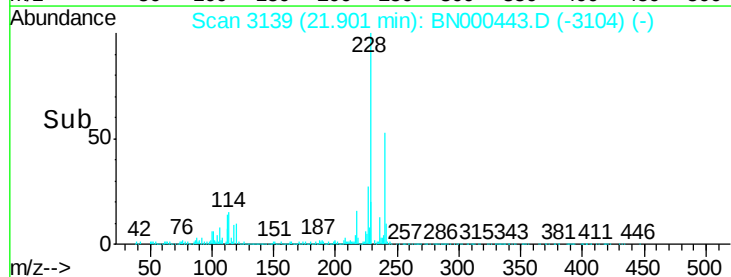
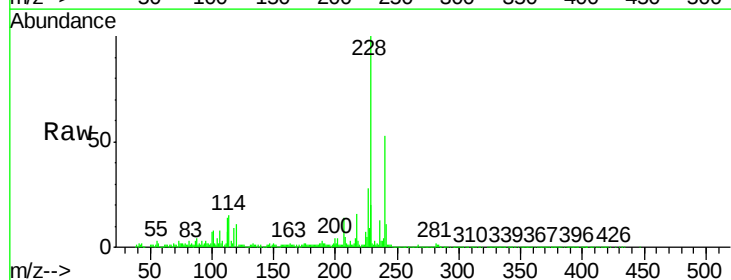
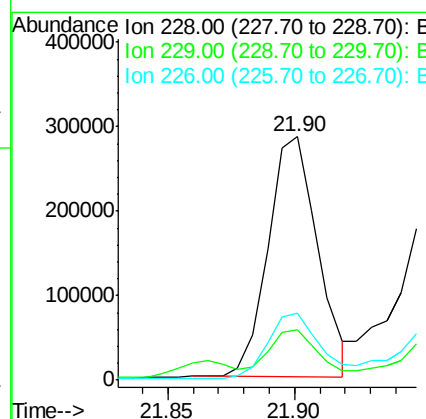
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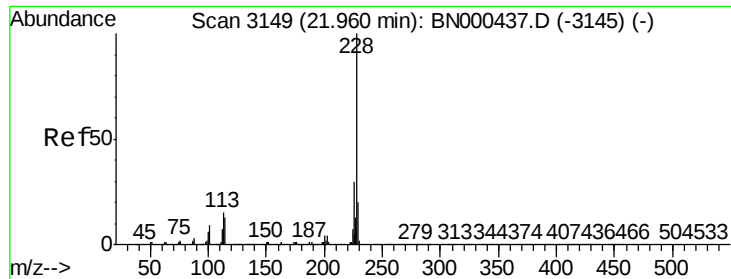
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#20
Benzo(a)anthracene
Concen: 7.331 ng/ul
RT: 21.90 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BN000443.D
Acq: 16 Mar 2018 17:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.4	15.7	23.5
226	27.6	21.1	31.7





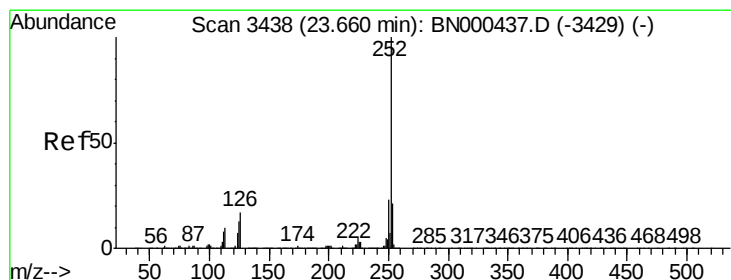
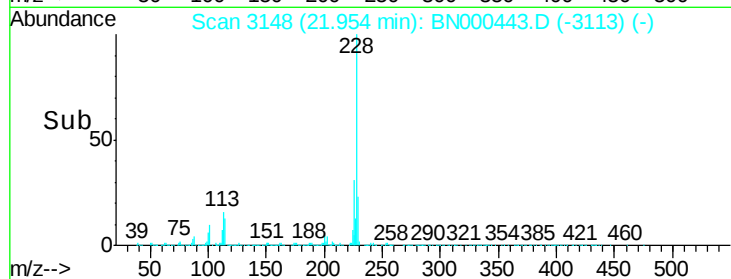
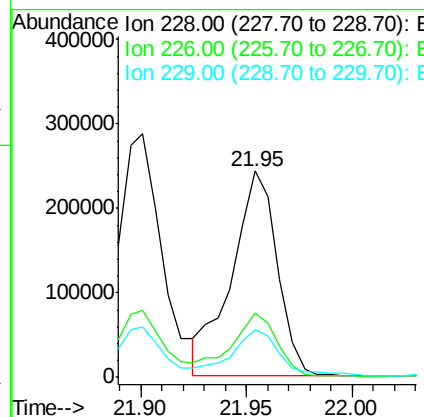
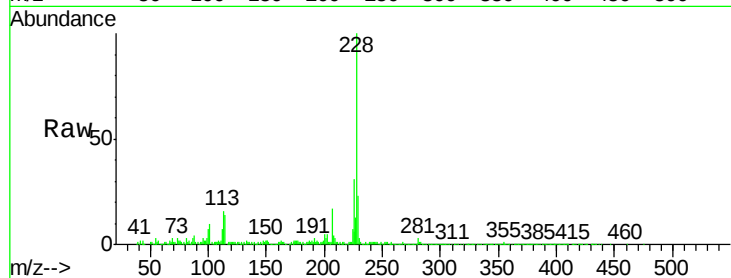
#21
Chrysene
Concen: 7.190 ng/ul
RT: 21.95 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BN000443.D
Acq: 16 Mar 2018 17:42

Instrument :
BNA_N
ClientSampleId :
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Tot Ion:	228	Resp:	360005
Ion Ratio		Lower	Upper
228	100		
226	31.4	24.5	36.7
229	23.3	15.8	23.8

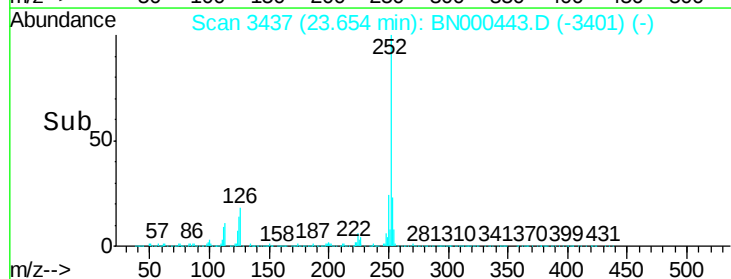
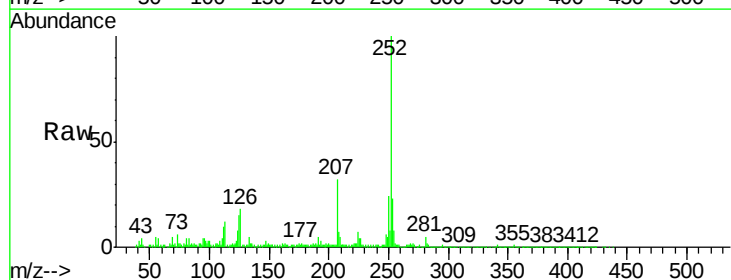
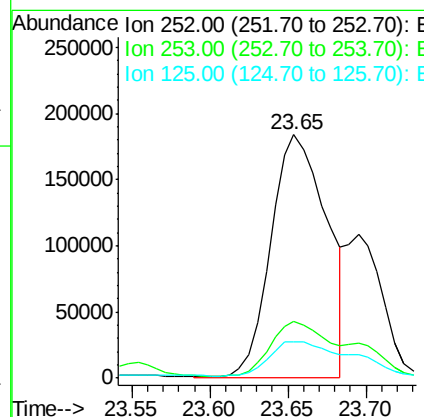
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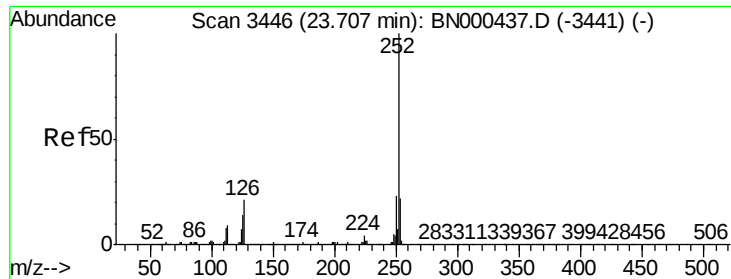
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#23
Benzo(b)fluoranthene
Concen: 8.913 ng/ul m
RT: 23.65 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BN000443.D
Acq: 16 Mar 2018 17:42

Tgt Ion:	252	Resp:	461070
Ion Ratio		Lower	Upper
252	100		
253	23.2	18.0	27.0
125	15.1	8.0	12.0#





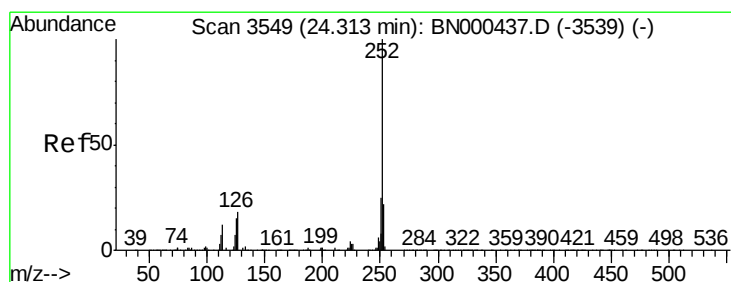
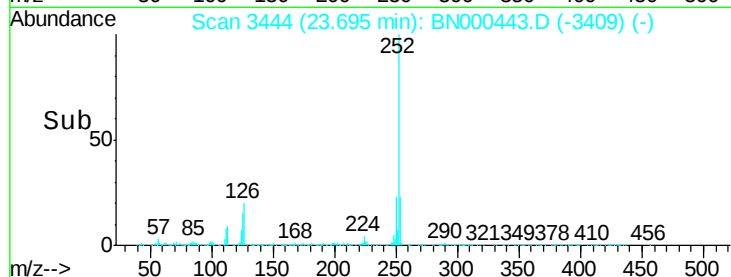
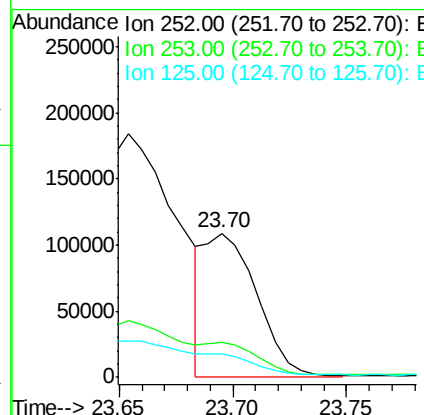
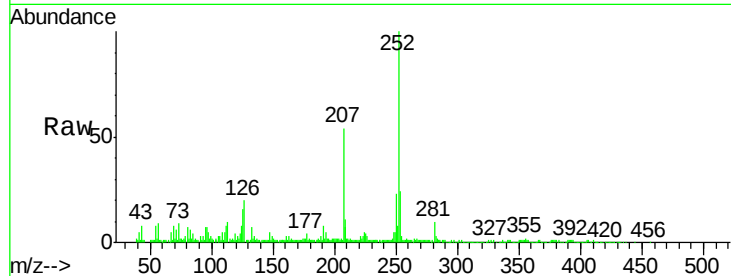
#24
Benzo(k)fluoranthene
Concen: 3.593 ng/ul m
RT: 23.70 min Scan# 3444
Delta R.T. 0.01 min
Lab File: BN000443.D
Acq: 16 Mar 2018 17:42

Instrument :
BNA_N
ClientSampleId :
DAMG7RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	16.2	8.1	12.1

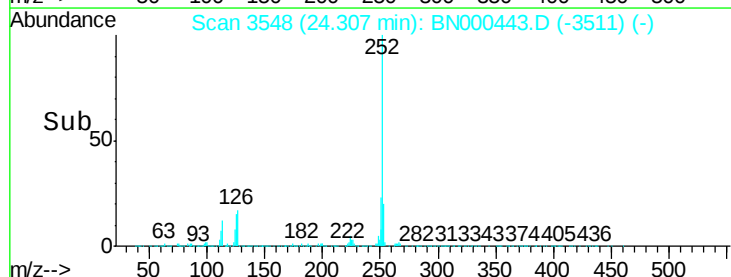
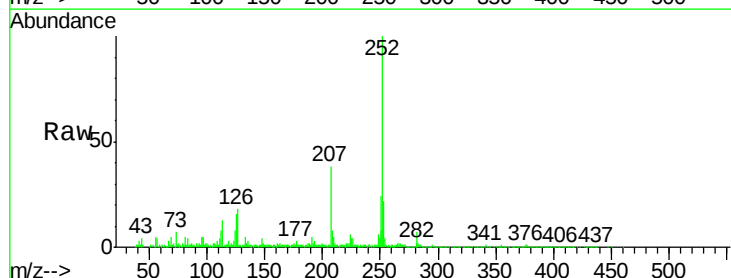
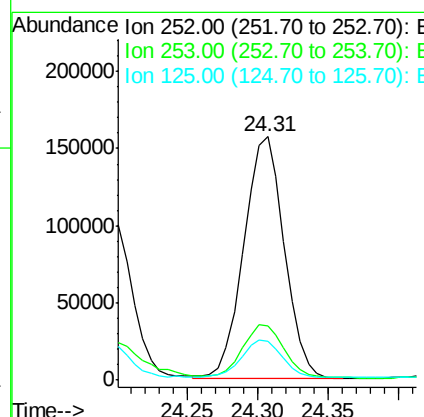
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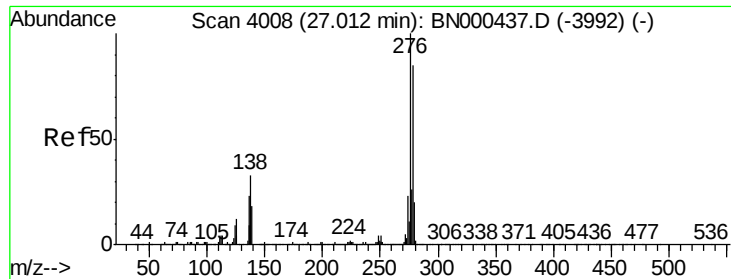
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#26
Benzo(a)pyrene
Concen: 6.357 ng/ul
RT: 24.31 min Scan# 3548
Delta R.T. 0.02 min
Lab File: BN000443.D
Acq: 16 Mar 2018 17:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	15.8	8.2	12.4





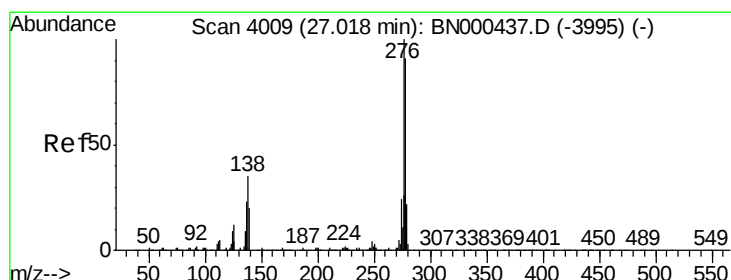
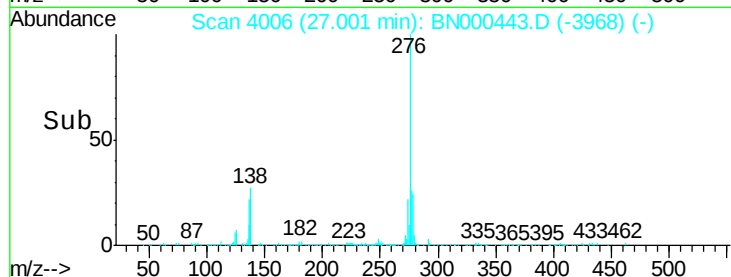
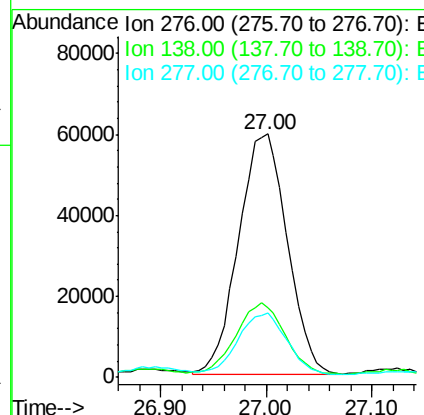
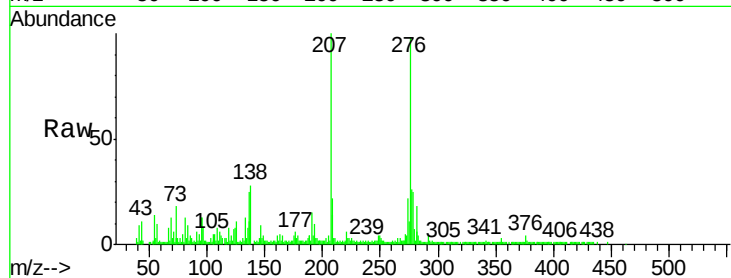
#27
Indeno(1,2,3-cd)pyrene
Concen: 3.562 ng/ul
RT: 27.00 min Scan# 4006
Delta R.T. 0.02 min
Lab File: BN000443.D
Acq: 16 Mar 2018 17:42

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	14.4	21.6#
277	26.6	18.0	27.0

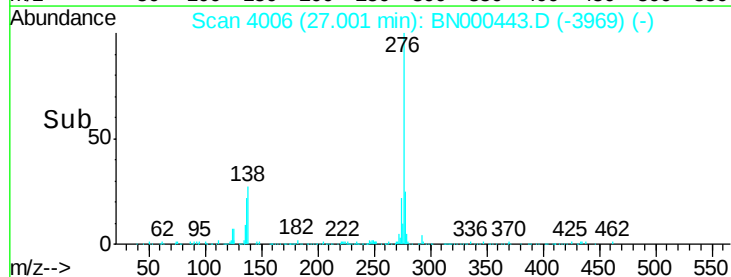
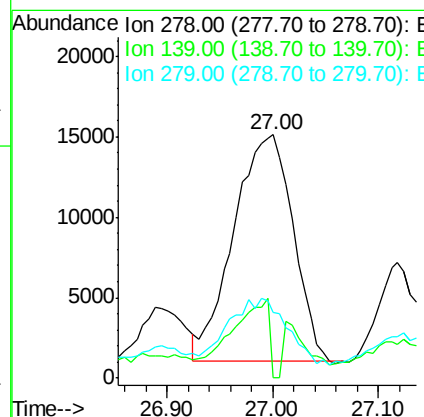
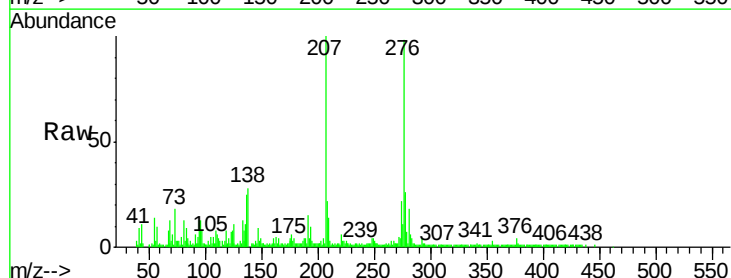
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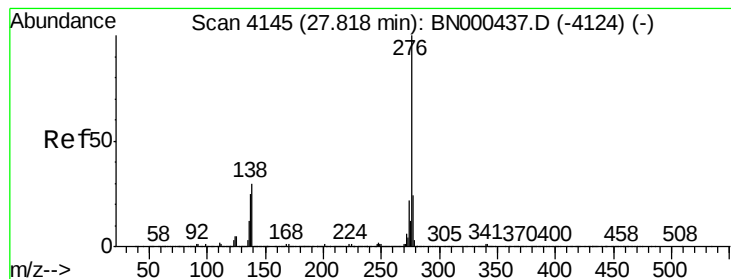
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#28
Dibenzo(a,h)anthracene
Concen: 1.260 ng/ul
RT: 27.00 min Scan# 4006
Delta R.T. 0.02 min
Lab File: BN000443.D
Acq: 16 Mar 2018 17:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	26.9	19.2	28.8





#29

Benzo(a,h,i)perylene

Concen: 3.880 ng/ul

RT: 27.81 min Scan# 4143

Delta R.T. 0.04 min

Lab File: BN000443.D

Acq: 16 Mar 2018 17:42

Instrument :

BNA_N

ClientSampleId :

DAMG7RE

Tot Ion:	276	Resp:	171962
Ion Ratio		Lower	Upper
276	100		
138	30.1	15.3	22.9#
277	23.8	19.0	28.4

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