

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000896.D
 Acq On : 25 Apr 2018 18:05
 Operator : JU/SJ
 Sample : J2485-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS33

Manual Integrations
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Quant Time: Apr 26 08:08:57 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	140486	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	581370	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	282170	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	560683	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	539098	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	562946	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	905618	33.42	ng/ul	0.00
10) Fluorene-d10	15.25	176	612131	33.84	ng/ul	0.00
14) Anthracene-d10	17.10	188	867098	33.82	ng/ul	0.00
18) Pyrene-d10	19.40	212	907310	32.85	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	994445	37.40	ng/ul	-0.02
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	75996	2.485	ng/ul	100
16) Fluoranthene	19.06	202	137953	4.446	ng/ul#	94
19) Pyrene	19.43	202	126643	3.657	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	78639m	2.440	ng/ul	
21) Chrysene	21.24	228	84030m	2.774	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	129816m	4.058	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	45809m	1.463	ng/ul	
26) Benzo(a)pyrene	23.30	252	85640	2.801	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.56	276	70348	1.905	ng/ul#	90
29) Benzo(g,h,i)perylene	26.23	276	61137	1.979	ng/ul#	94

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

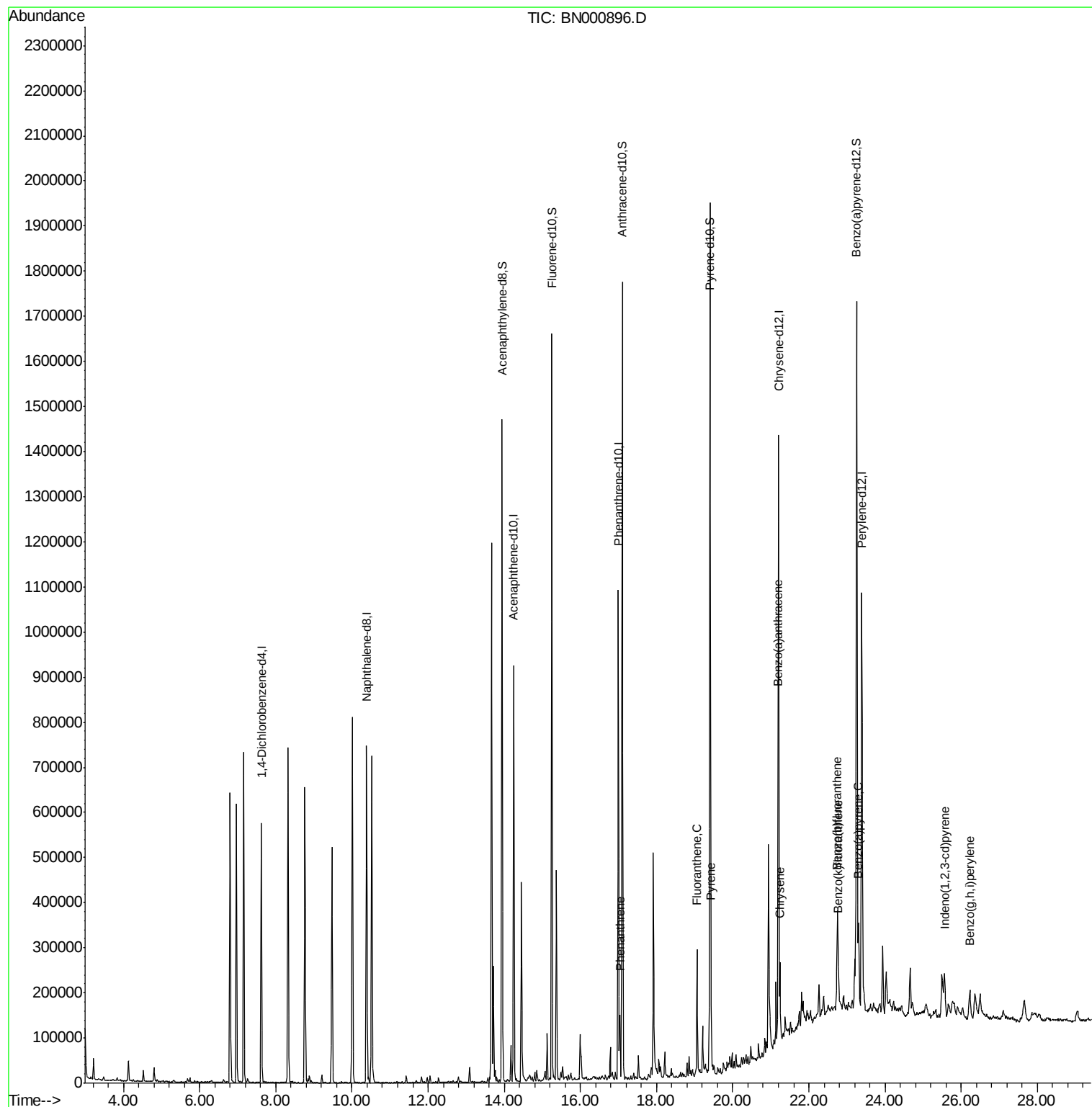
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
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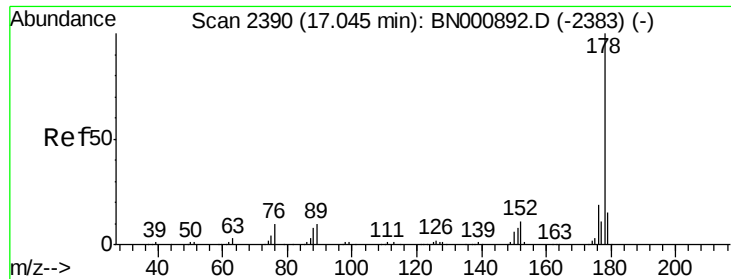
Instrument :
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ClientSampled :
DAS33

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.485 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN000896.D

Acq: 25 Apr 2018 18:05

Instrument :

BNA_N

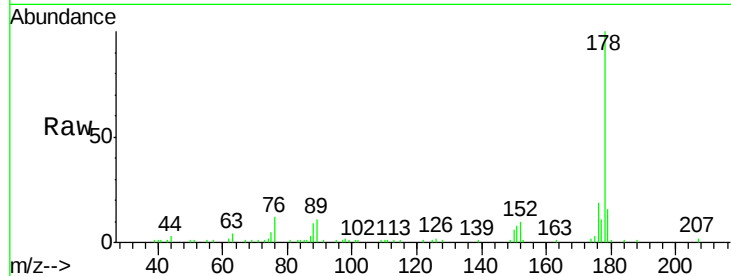
ClientSampled :

DAS33

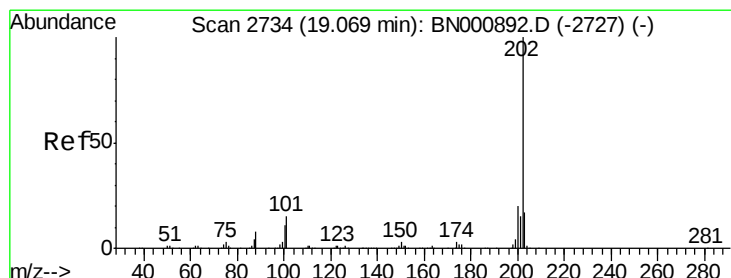
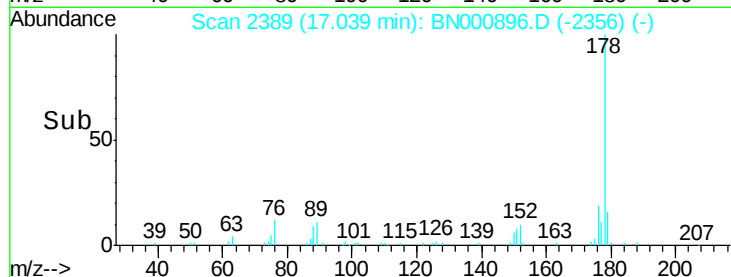
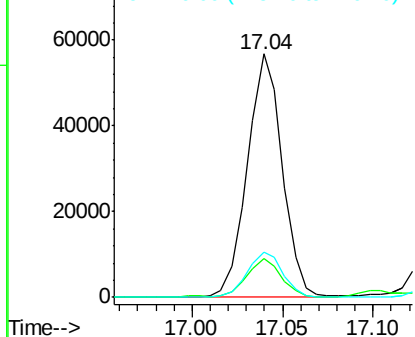
Tot Ion:	178	Resp:	75996
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	18.8	15.1	22.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#16

Fluoranthene

Concen: 4.446 ng/ul

RT: 19.06 min Scan# 2733

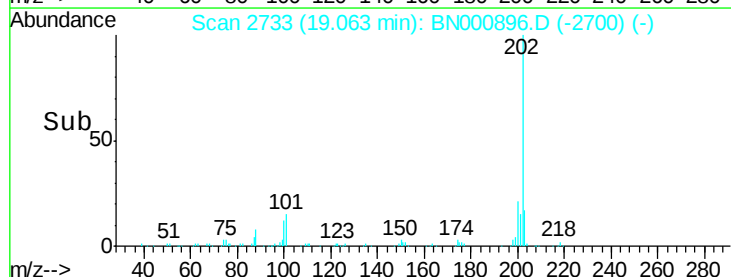
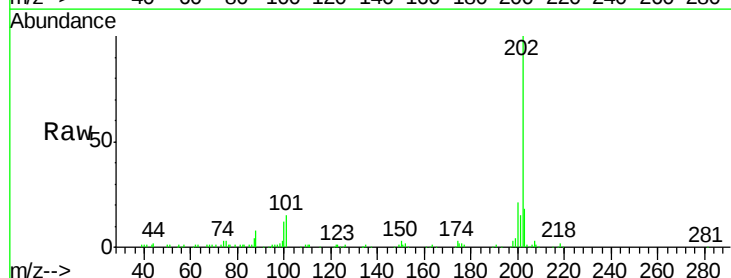
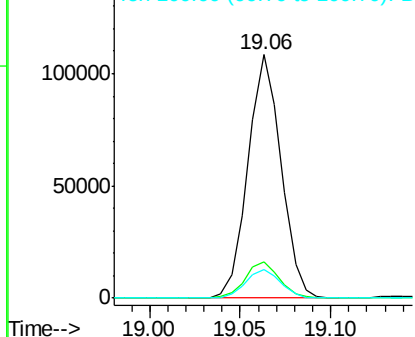
Delta R.T. -0.01 min

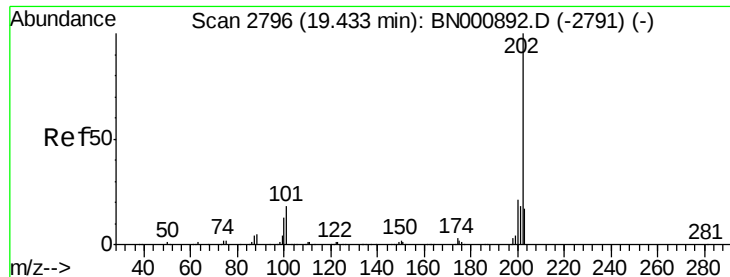
Lab File: BN000896.D

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Tgt Ion:	202	Resp:	137953
Ion Ratio	Lower	Upper	
202	100		
101	14.9	9.9	14.9#
100	11.6	7.4	11.0#

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





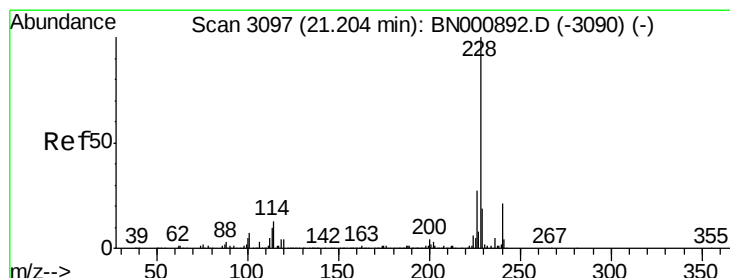
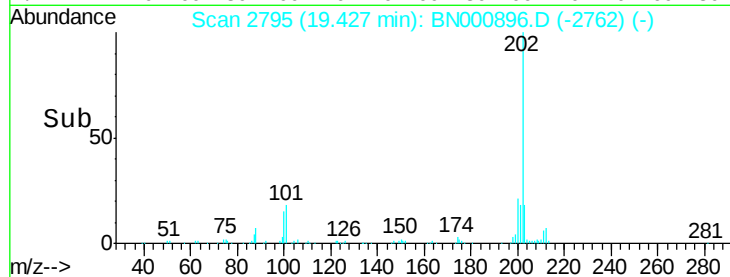
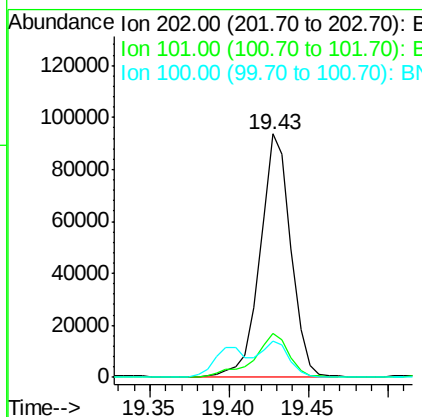
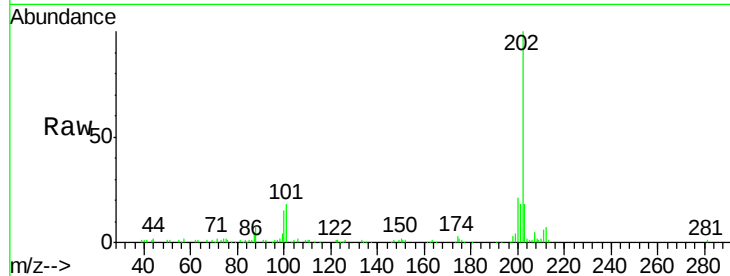
#19
Pvrene
Concen: 3.657 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BN000896.D
Acq: 25 Apr 2018 18:05

Instrument :
BNA_N
ClientSampleId :
DAS33

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	18.1	11.0	16.4#
100	14.7	8.1	12.1#

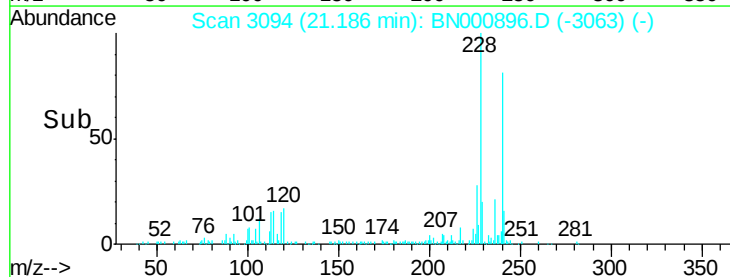
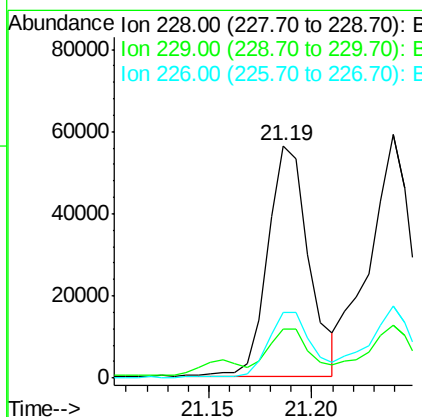
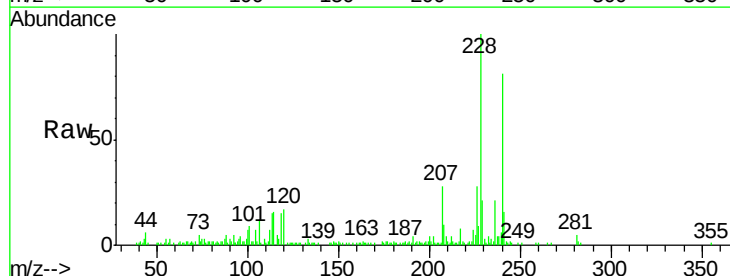
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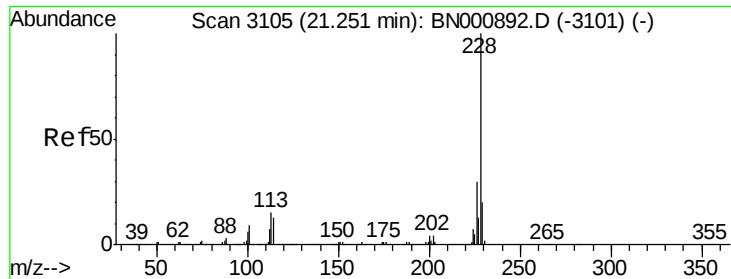
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#20
Benzo(a)anthracene
Concen: 2.440 ng/ul m
RT: 21.19 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BN000896.D
Acq: 25 Apr 2018 18:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.3	15.7	23.5
226	28.1	21.1	31.7





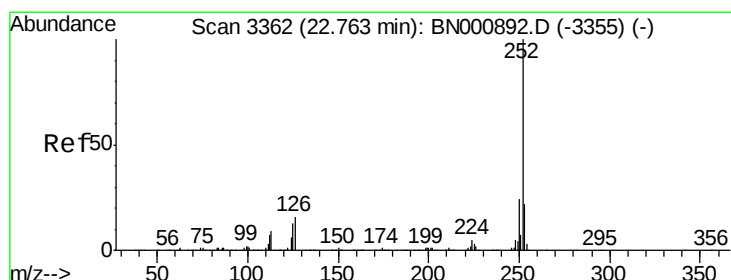
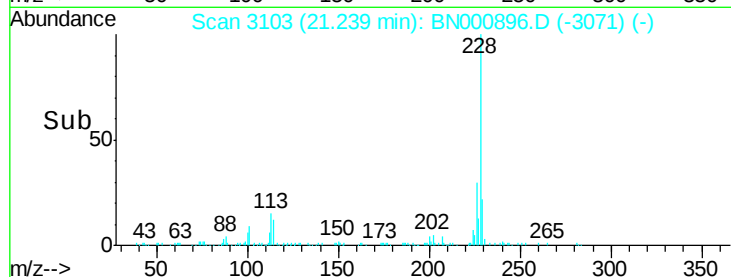
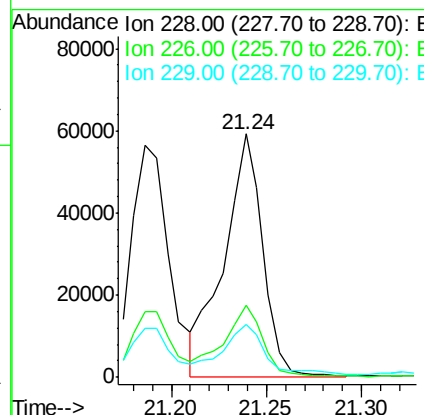
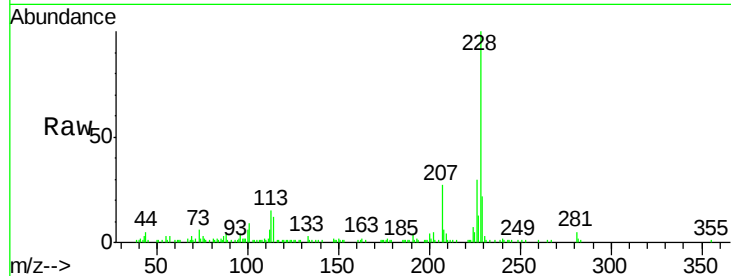
#21
Chrysene
Concen: 2.774 ng/ul m
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN000896.D
Acq: 25 Apr 2018 18:05

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	21.7	15.8	23.8

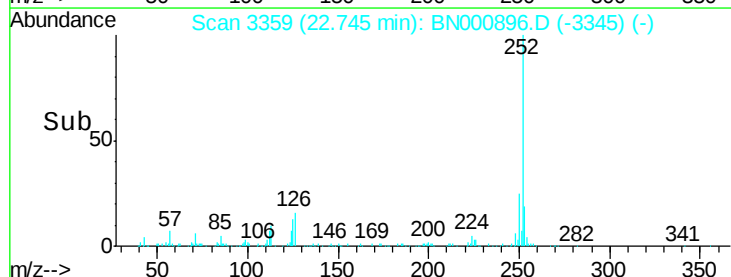
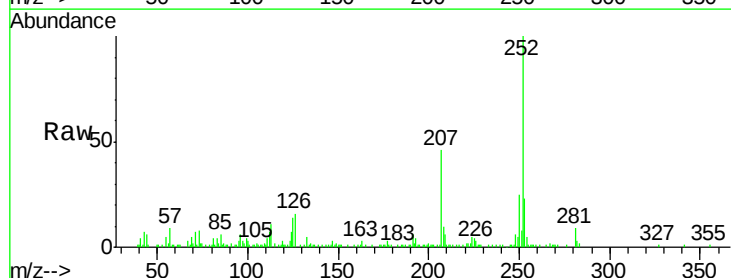
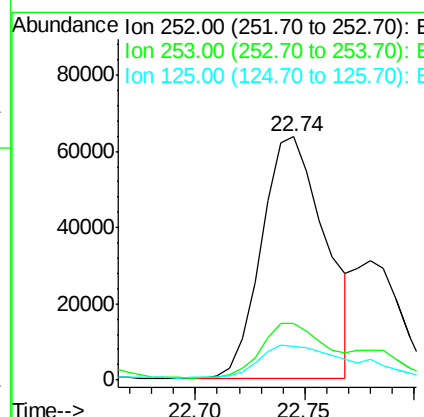
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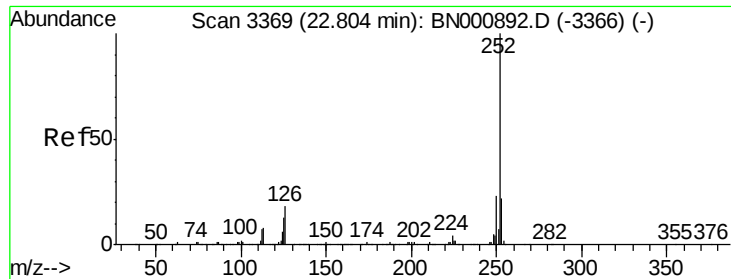
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#23
Benzo(b)fluoranthene
Concen: 4.058 ng/ul m
RT: 22.74 min Scan# 3359
Delta R.T. -0.02 min
Lab File: BN000896.D
Acq: 25 Apr 2018 18:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	14.0	8.0	12.0





#24

Benzo(k)fluoranthene

Concen: 1.463 ng/ul m

RT: 22.78 min Scan# 3365

Delta R.T. -0.02 min

Lab File: BN000896.D

Acq: 25 Apr 2018 18:05

Instrument :

BNA_N

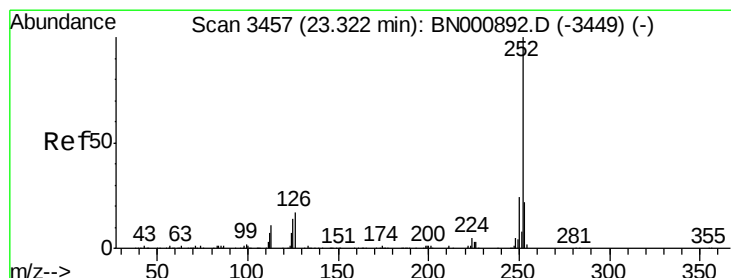
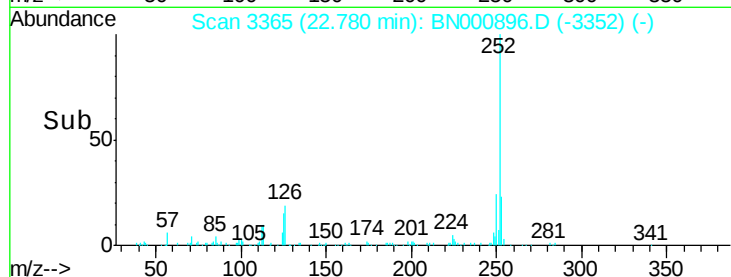
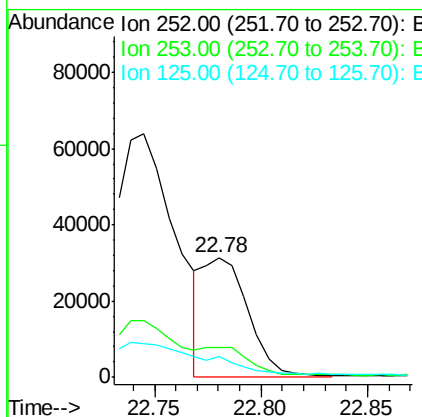
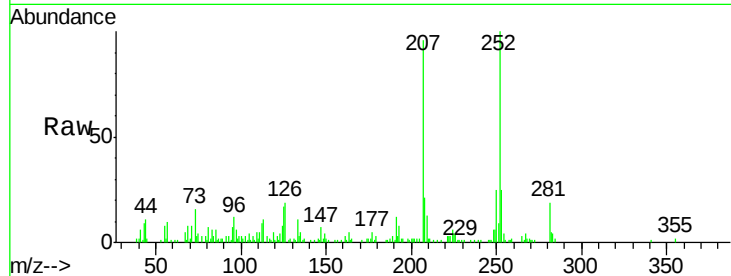
ClientSampled :

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Tot Ion:	252	Resp:	45809
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.0	27.0
125	17.0	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 2.801 ng/ul

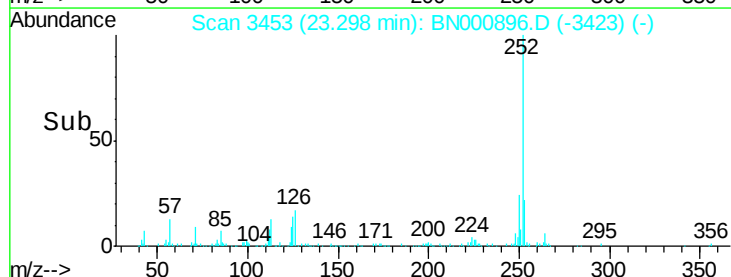
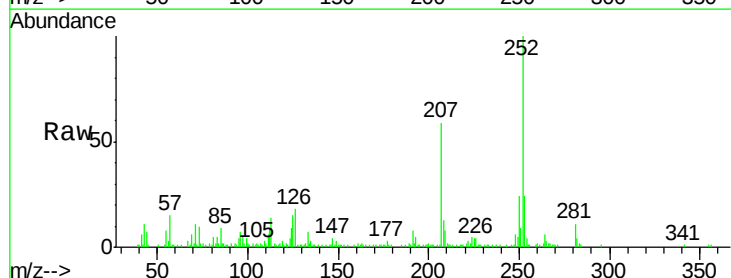
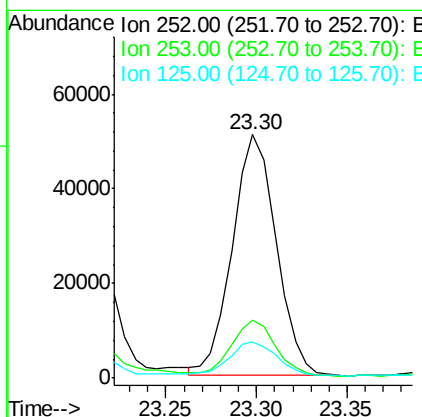
RT: 23.30 min Scan# 3453

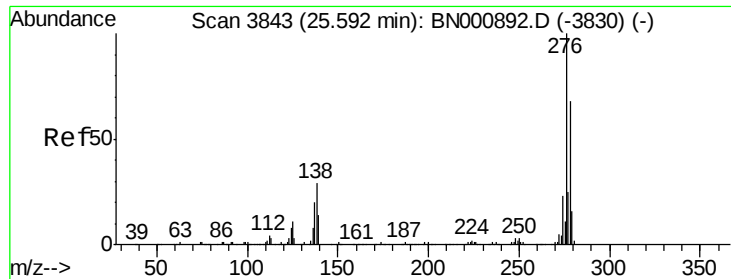
Delta R.T. -0.02 min

Lab File: BN000896.D

Acq: 25 Apr 2018 18:05

Tgt Ion:	252	Resp:	85640
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.2	25.8
125	15.1	8.2	12.4#





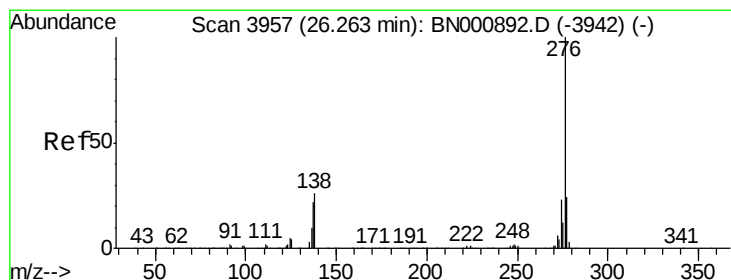
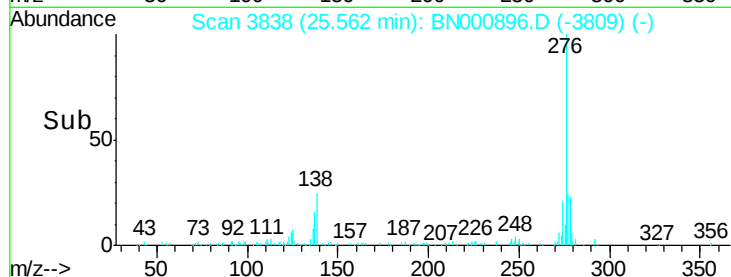
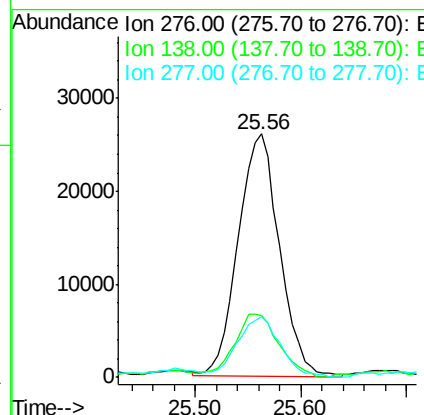
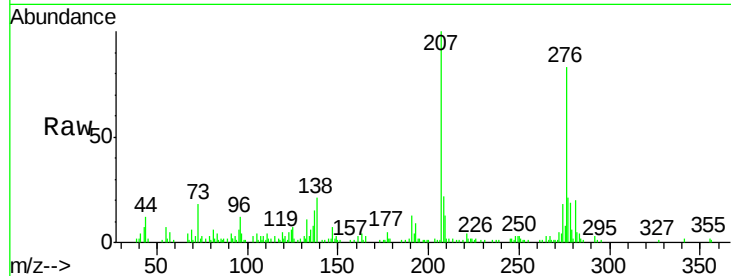
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.905 ng/ul
 RT: 25.56 min Scan# 3838
 Delta R.T. -0.03 min
 Lab File: BN000896.D
 Acq: 25 Apr 2018 18:05

Instrument :
 BNA_N
 ClientSampleId :
 DAS33

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	14.4	21.6#
277	24.8	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 1.979 ng/ul
 RT: 26.23 min Scan# 3951
 Delta R.T. -0.04 min
 Lab File: BN000896.D
 Acq: 25 Apr 2018 18:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	15.3	22.9#
277	22.7	19.0	28.4

