

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000904.D
 Acq On : 25 Apr 2018 22:43
 Operator : JU/SJ
 Sample : J2485-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS42

Manual Integrations
 APPROVED

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 4/26/2018 6:23:02 PM

Quant Time: Apr 26 08:24:15 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	150690	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	620946	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	305068	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	613136	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	590997	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	634616	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	626114	21.37	ng/ul	0.00
10) Fluorene-d10	15.25	176	426302	21.80	ng/ul	0.00
14) Anthracene-d10	17.10	188	608823	21.71	ng/ul	0.00
18) Pyrene-d10	19.40	212	641814	21.19	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	708830	23.65	ng/ul	-0.02
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	39520	1.182	ng/ul	98
16) Fluoranthene	19.06	202	110503	3.257	ng/ul	95
19) Pyrene	19.43	202	97123	2.559	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	80727m	2.285	ng/ul	
21) Chrysene	21.24	228	72969m	2.198	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	111115m	3.081	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	39708m	1.125	ng/ul	
26) Benzo(a)pyrene	23.30	252	78228	2.270	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.56	276	59016	1.418	ng/ul#	88
29) Benzo(g,h,i)perylene	26.22	276	53830	1.546	ng/ul#	92

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

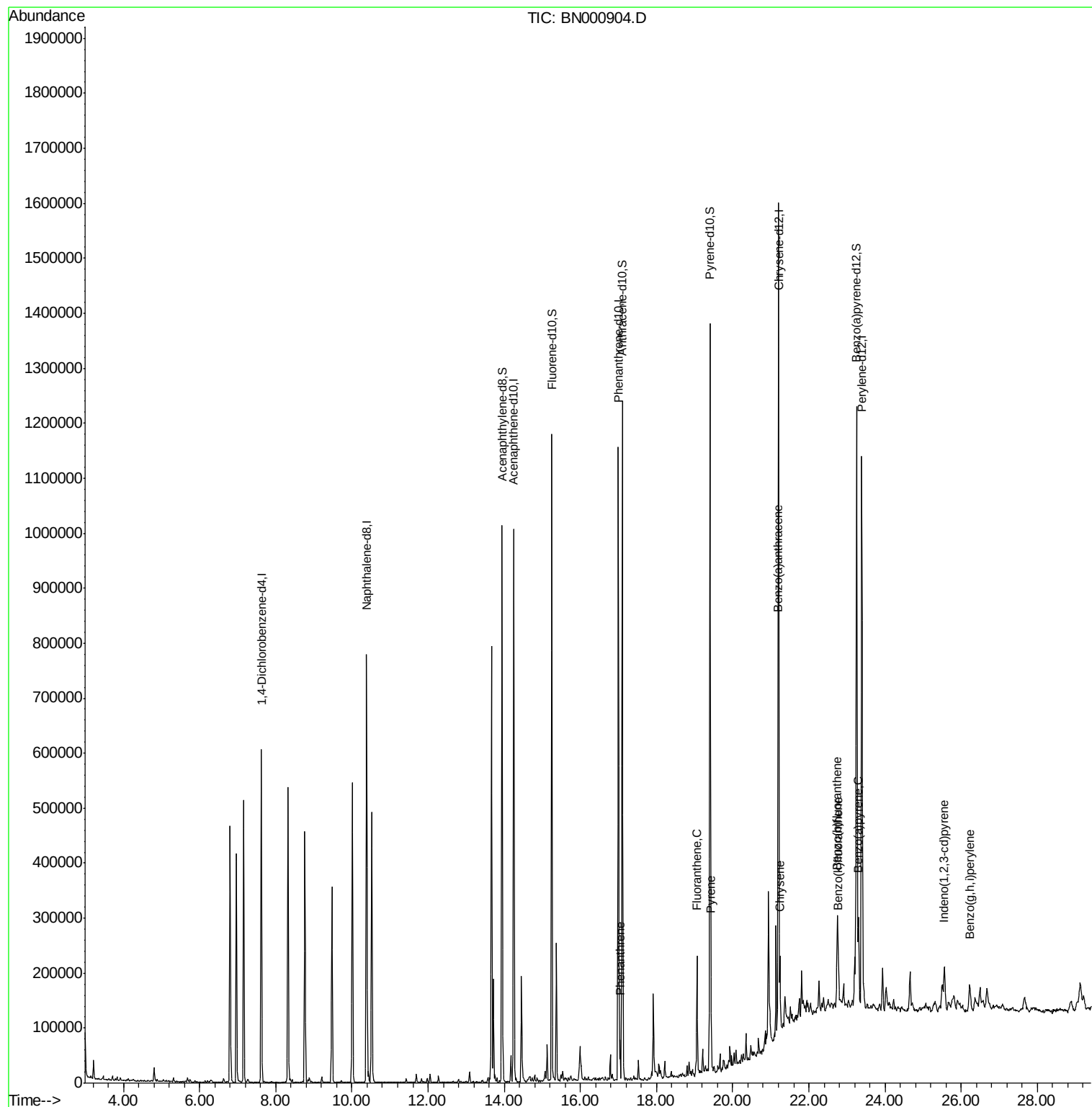
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
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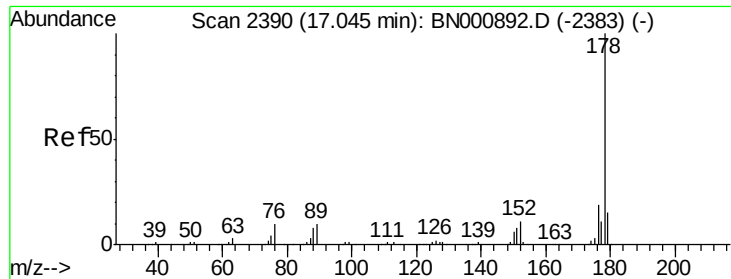
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#13

Phenanthrene

Concen: 1.182 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN000904.D

Acq: 25 Apr 2018 22:43

Instrument :

BNA_N

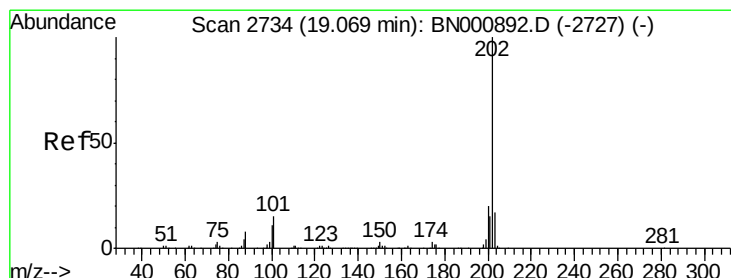
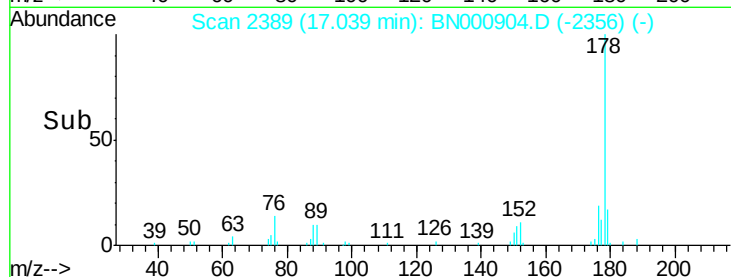
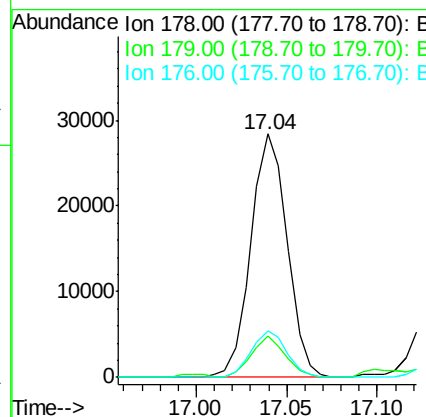
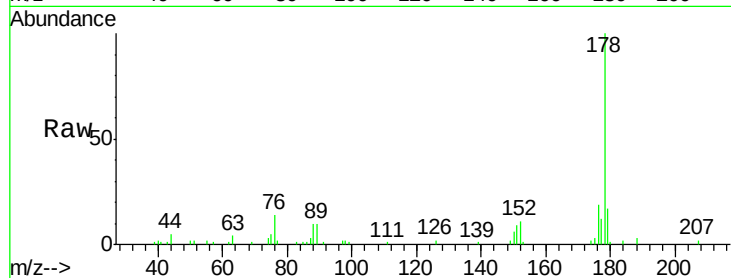
ClientSampled :

DAS42

Tot Ion:	178	Resp:	39520
Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.3	18.5
176	19.1	15.1	22.7

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#16

Fluoranthene

Concen: 3.257 ng/ul

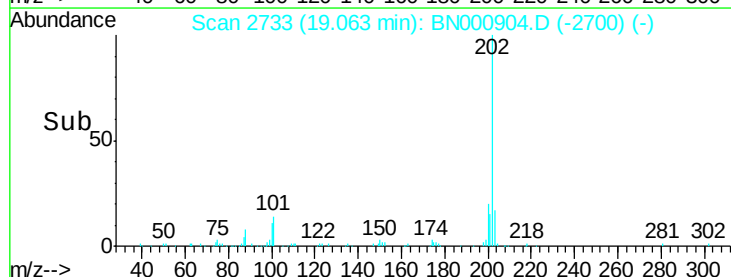
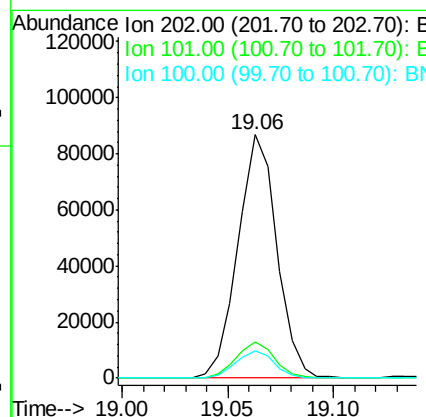
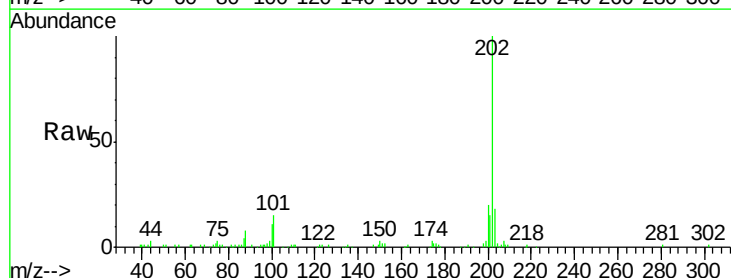
RT: 19.06 min Scan# 2733

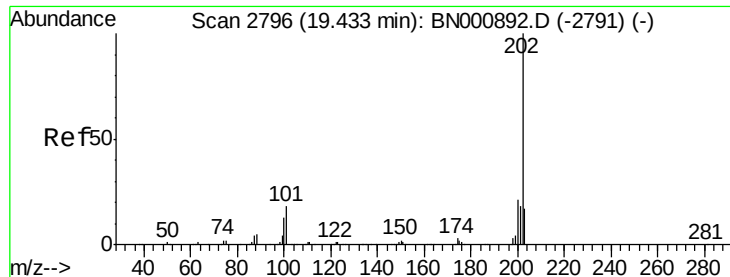
Delta R.T. -0.01 min

Lab File: BN000904.D

Acq: 25 Apr 2018 22:43

Tgt Ion:	202	Resp:	110503
Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.9	14.9
100	11.0	7.4	11.0





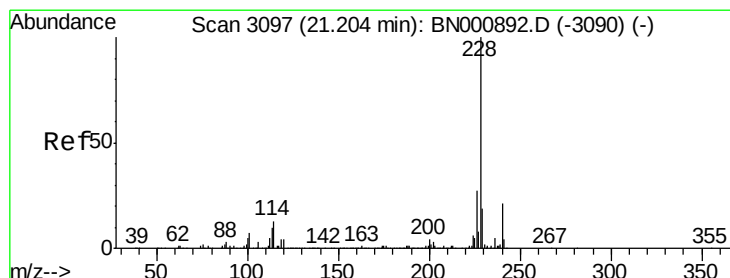
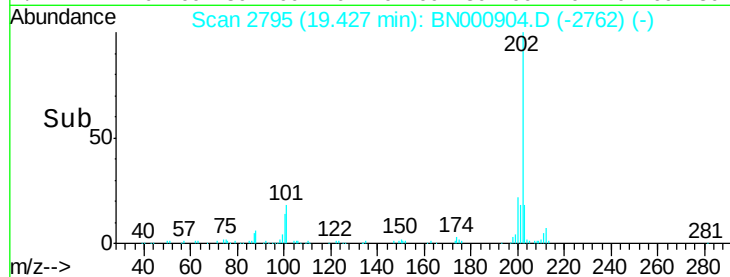
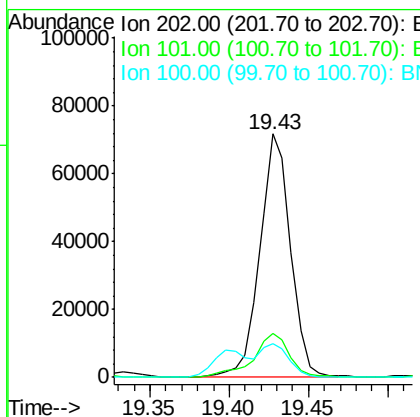
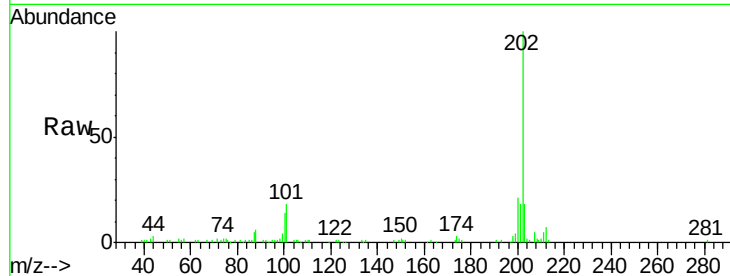
#19
Pvrene
Concen: 2.559 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BN000904.D
Acq: 25 Apr 2018 22:43

Instrument :
BNA_N
ClientSampleId :
DAS42

Tot Ion	Ratio	Resp	Lower	Upper
202	100	97123		
101	17.9	11.0	16.4#	
100	13.7	8.1	12.1#	

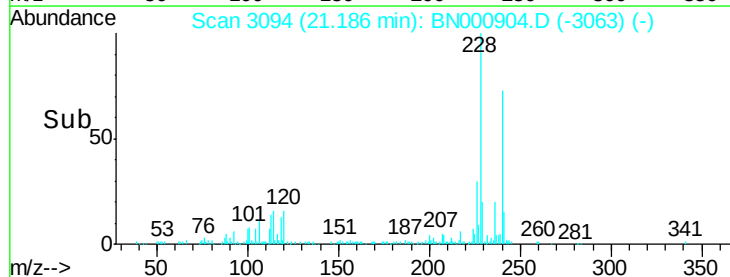
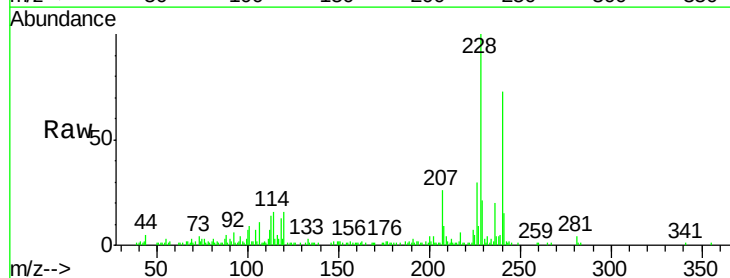
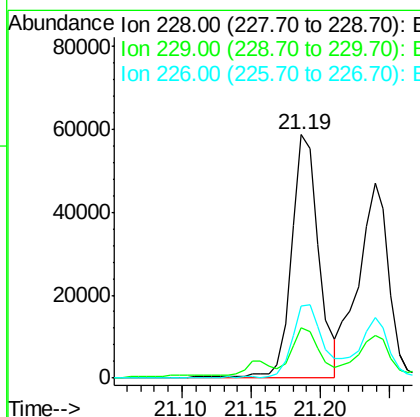
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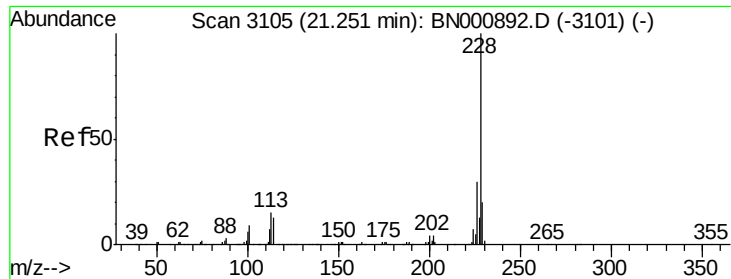
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#20
Benzo(a)anthracene
Concen: 2.285 ng/ul m
RT: 21.19 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BN000904.D
Acq: 25 Apr 2018 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	80727		
229	20.9	15.7	23.5	
226	29.6	21.1	31.7	





#21

Chrysene

Concen: 2.198 ng/ul m

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN000904.D

Acq: 25 Apr 2018 22:43

Instrument :

BNA_N

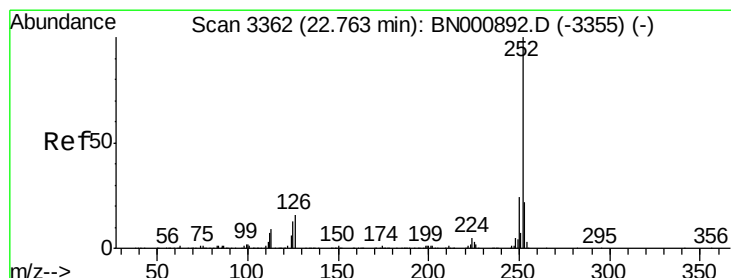
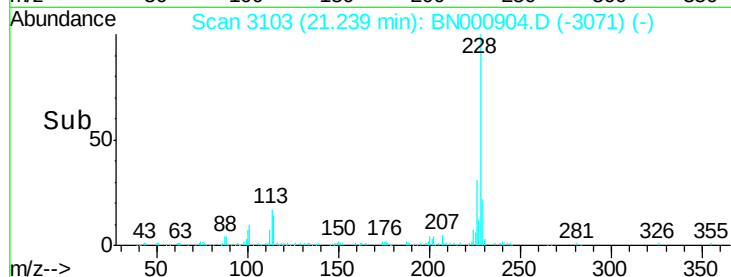
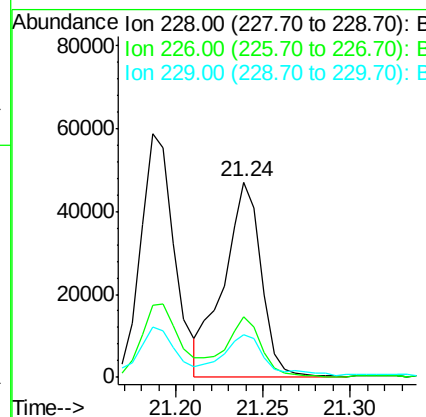
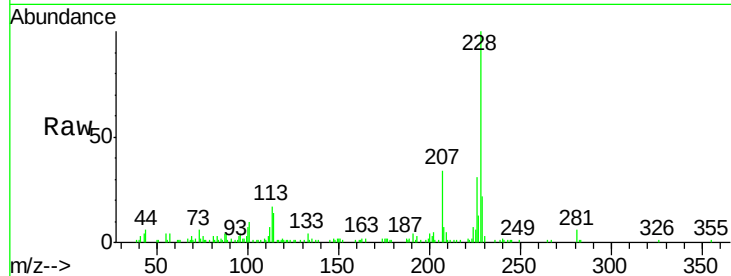
ClientSampled :

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Tot Ion:	228	Resp:	72969
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.5	36.7
229	22.1	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 3.081 ng/ul m

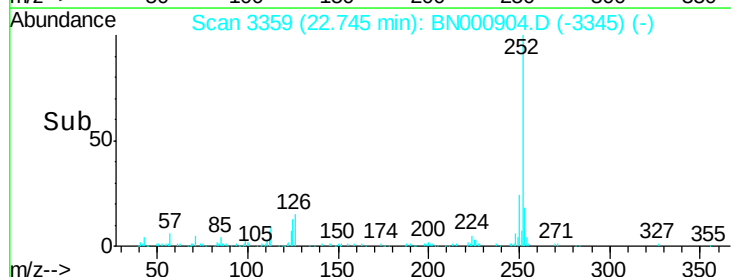
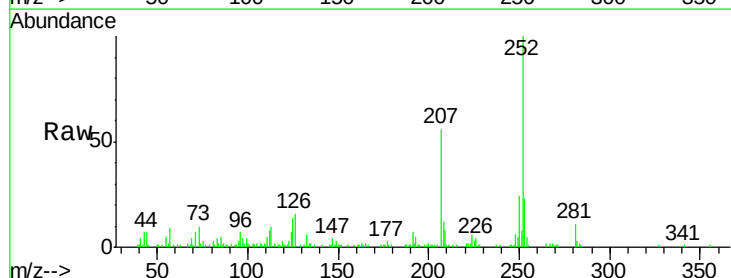
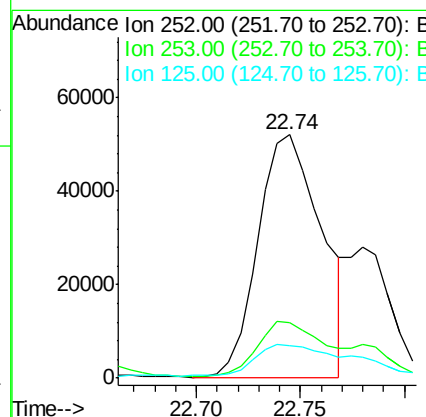
RT: 22.74 min Scan# 3359

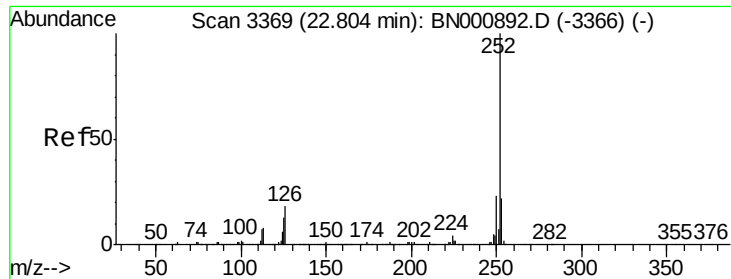
Delta R.T. -0.02 min

Lab File: BN000904.D

Acq: 25 Apr 2018 22:43

Tgt Ion:	252	Resp:	111115
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.0	27.0
125	13.5	8.0	12.0#





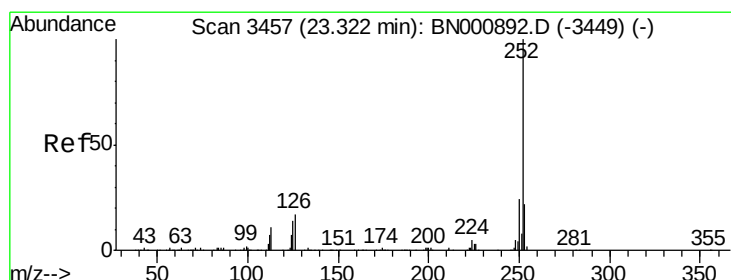
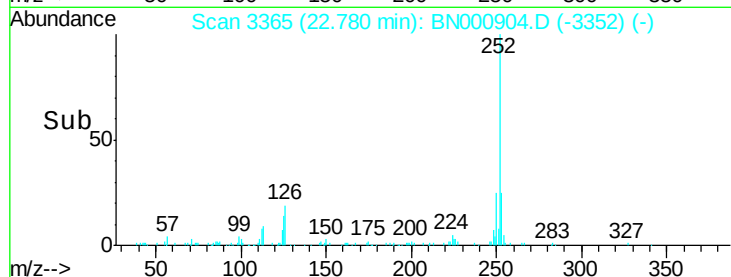
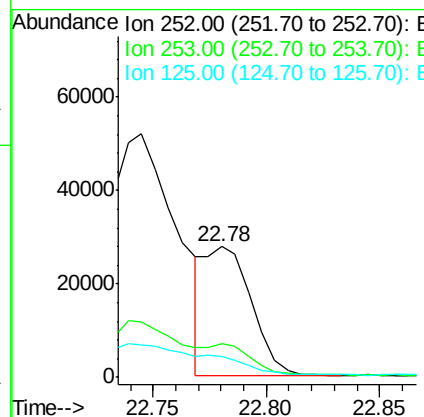
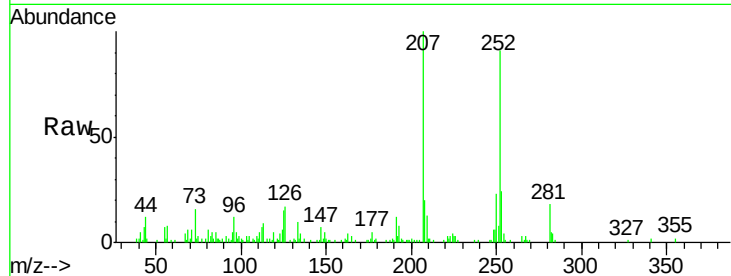
#24
Benzo(k)fluoranthene
Concen: 1.125 ng/ul m
RT: 22.78 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BN000904.D
Acq: 25 Apr 2018 22:43

Instrument :
BNA_N
ClientSampled :
DAS42

Tot Ion	Ratio	Resp	Lower	Upper
252	100	39708		
253	26.0	18.0	27.0	
125	16.1	8.1	12.1	

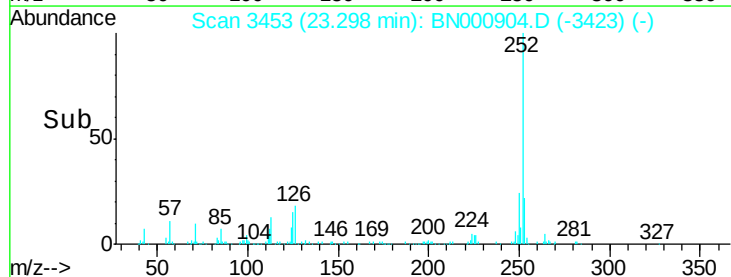
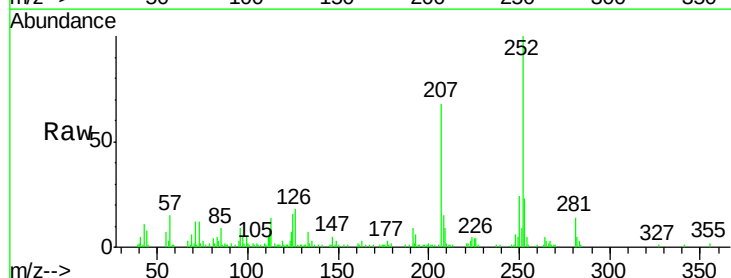
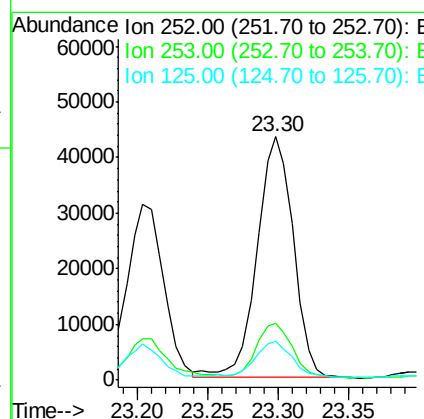
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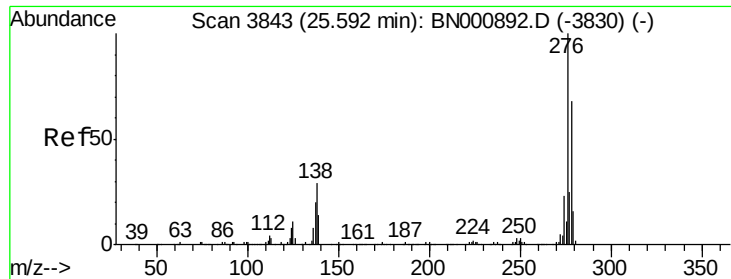
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#26
Benzo(a)pyrene
Concen: 2.270 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BN000904.D
Acq: 25 Apr 2018 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	78228		
253	23.3	17.2	25.8	
125	15.8	8.2	12.4	





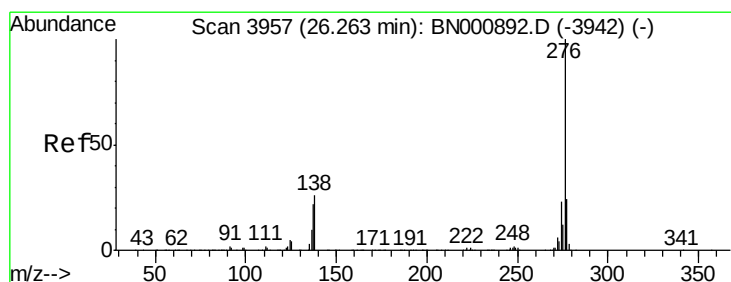
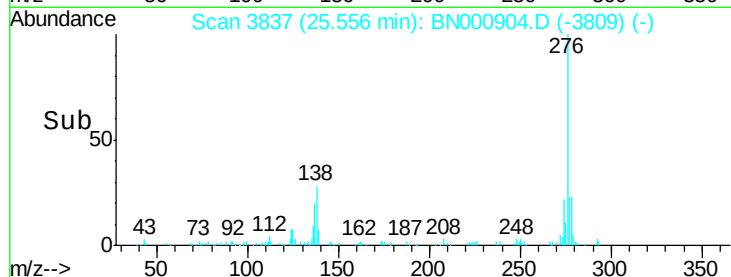
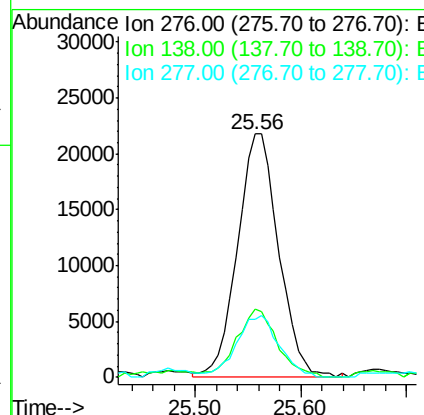
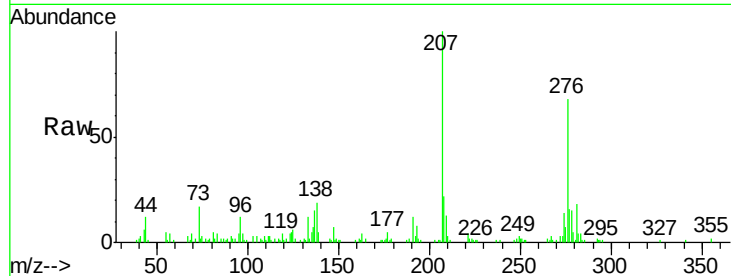
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.418 ng/ul
 RT: 25.56 min Scan# 3837
 Delta R.T. -0.04 min
 Lab File: BN000904.D
 Acq: 25 Apr 2018 22:43

Instrument :
 BNA_N
 ClientSampled :
 DAS42

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.2	14.4	21.6#
277	24.0	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 1.546 ng/ul
 RT: 26.22 min Scan# 3950
 Delta R.T. -0.04 min
 Lab File: BN000904.D
 Acq: 25 Apr 2018 22:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	15.3	22.9#
277	24.3	19.0	28.4

