

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000888.D
 Acq On : 25 Apr 2018 13:00
 Operator : JU/SJ
 Sample : J2444-14
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS20

Manual Integrations
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Quant Time: Apr 25 15:02:13 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 14:59:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	166597	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	693514	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	334839	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	649078	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	618520	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	663790	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	572879	17.81	ng/ul	0.00
10) Fluorene-d10	15.25	176	391307	18.23	ng/ul	0.00
14) Anthracene-d10	17.10	188	555419	18.71	ng/ul	0.00
18) Pyrene-d10	19.40	212	589776	18.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	644864	20.57	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	83403	2.356	ng/ul	99
16) Fluoranthene	19.06	202	195027	5.430	ng/ul#	93
19) Pyrene	19.43	202	167878	4.226	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	118748	3.212	ng/ul	96
21) Chrysene	21.24	228	111356	3.204	ng/ul	98
23) Benzo(b)fluoranthene	22.74	252	210094m	5.569	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	57436m	1.556	ng/ul	
26) Benzo(a)pyrene	23.30	252	127892	3.547	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.56	276	107087	2.459	ng/ul#	89
29) Benzo(g,h,i)perylene	26.22	276	107824	2.961	ng/ul#	93

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

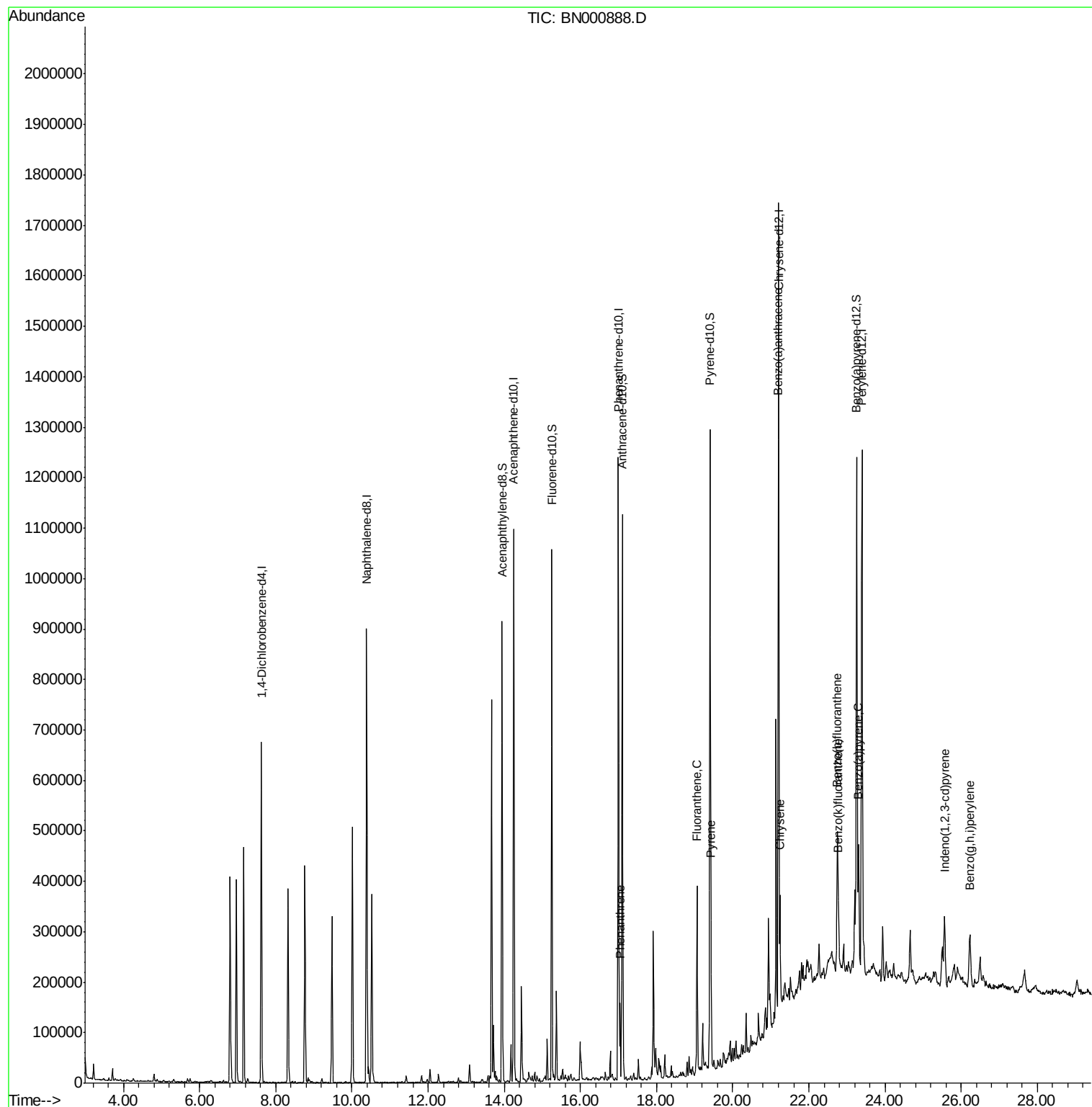
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000888.D
Acq On : 25 Apr 2018 13:00
Operator : JU/SJ
Sample : J2444-14
Misc :
ALS Vial : 46 Sample Multiplier: 1

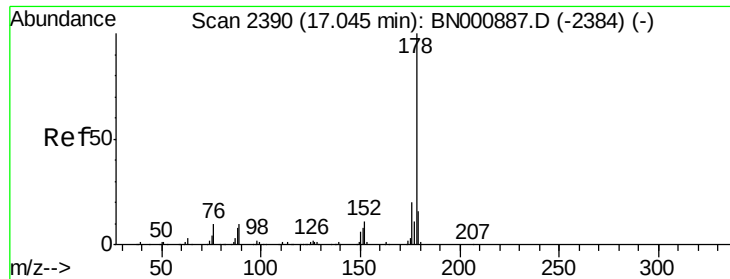
Instrument :
BNA_N
ClientSampleId :
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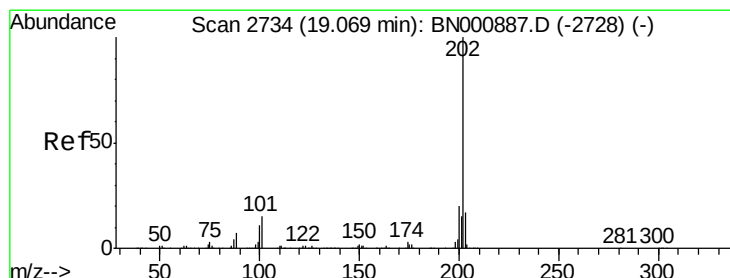
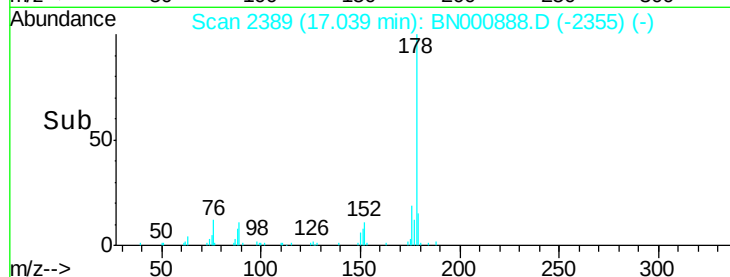
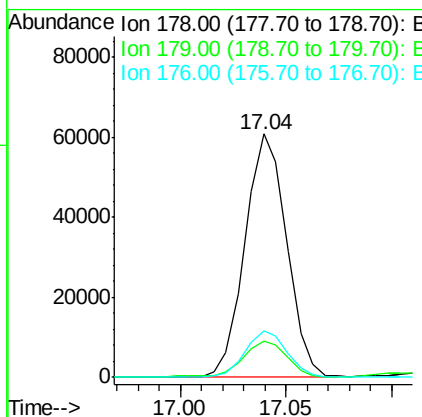
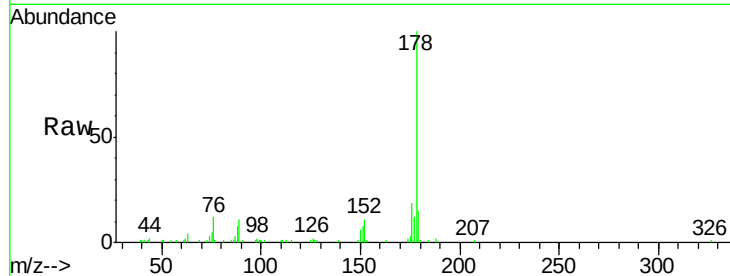
#13
Phenanthrene
Concen: 2.356 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Instrument :
BNA_N
ClientSampleId :
DAS20

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	19.2	15.1	22.7

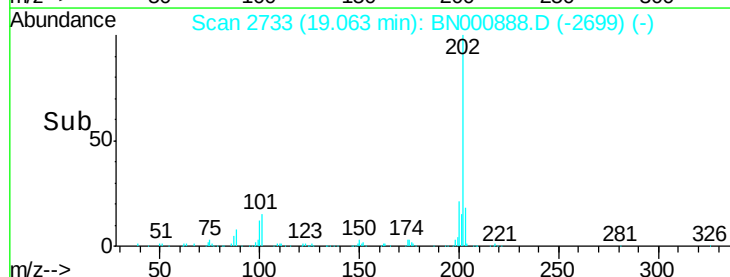
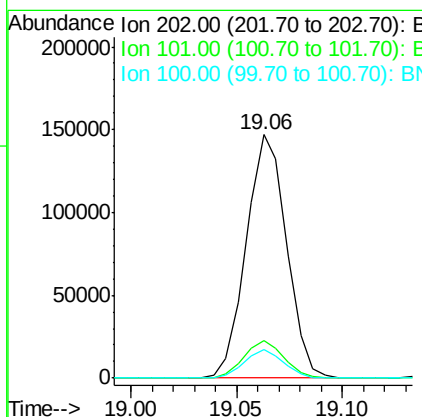
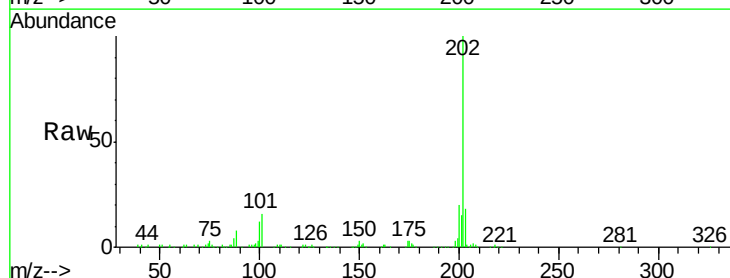
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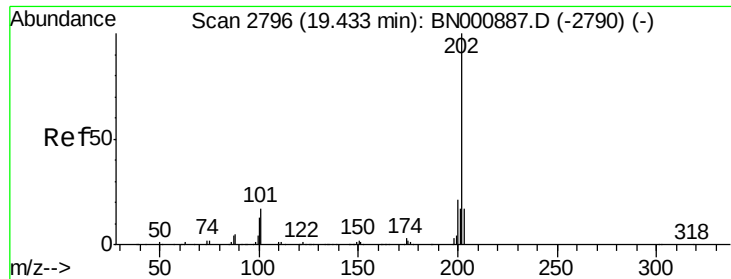
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#16
Fluoranthene
Concen: 5.430 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.00 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.9	14.9#
100	11.6	7.4	11.0#





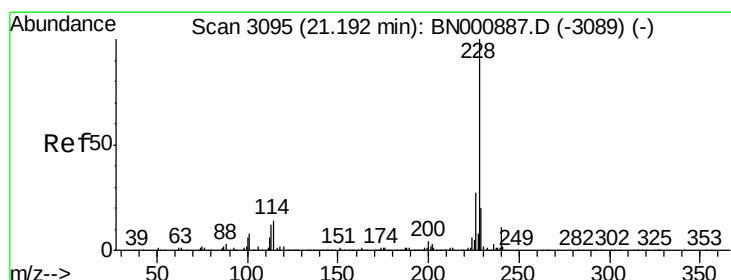
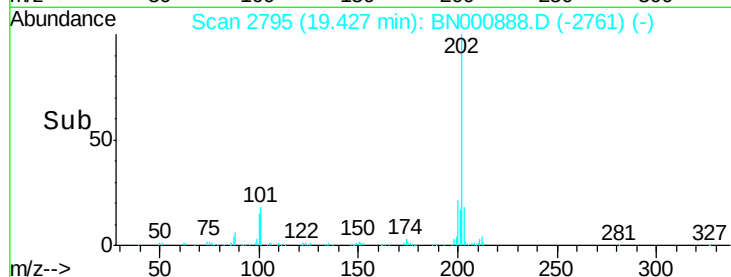
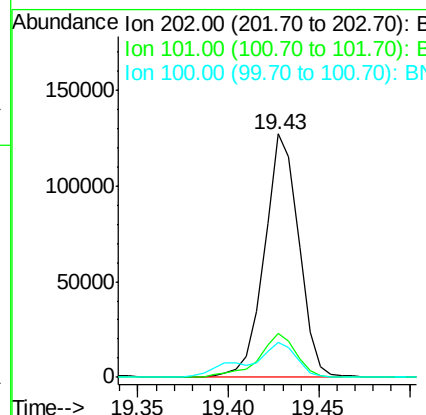
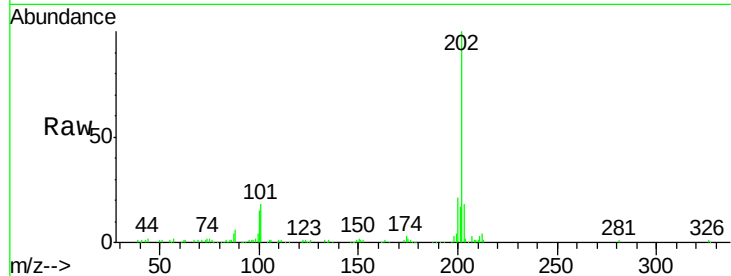
#19
Pvrene
Concen: 4.226 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Instrument :
BNA_N
ClientSampleId :
DAS20

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.8	11.0	16.4#
100	14.6	8.1	12.1#

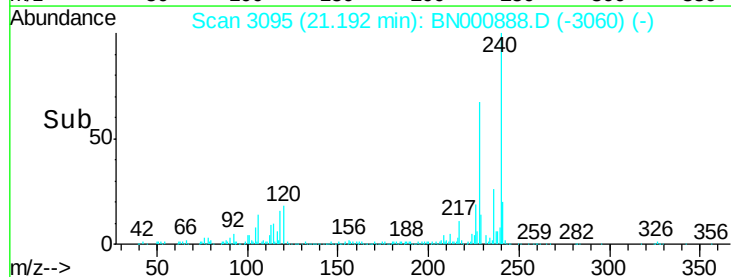
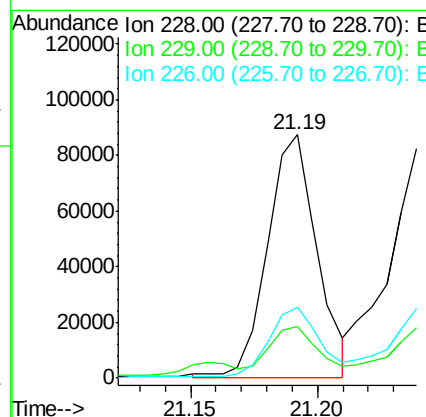
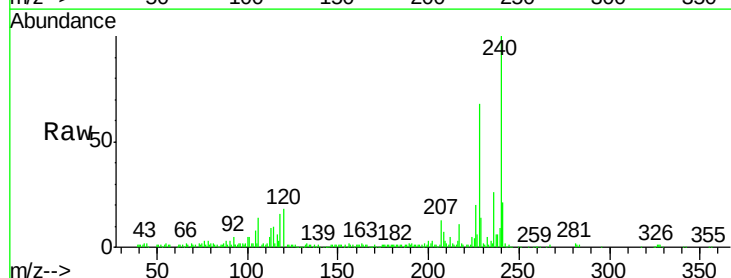
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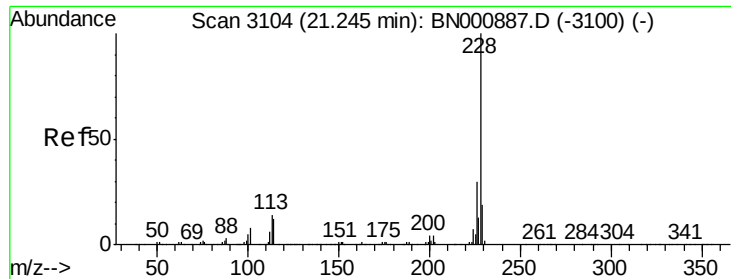
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#20
Benzo(a)anthracene
Concen: 3.212 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.2	15.7	23.5
226	29.0	21.1	31.7





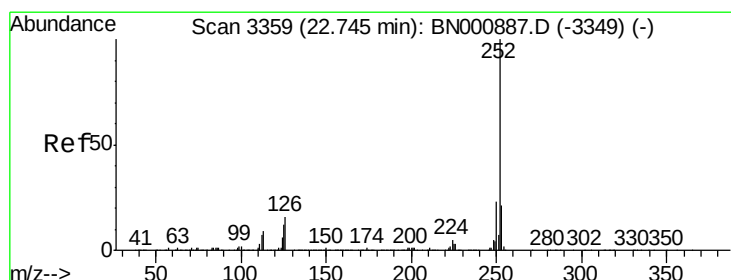
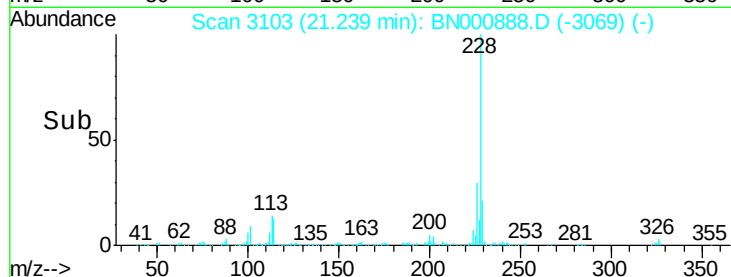
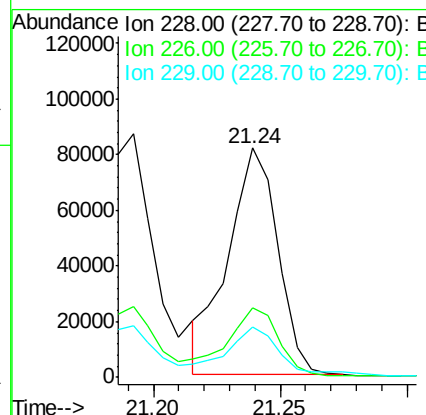
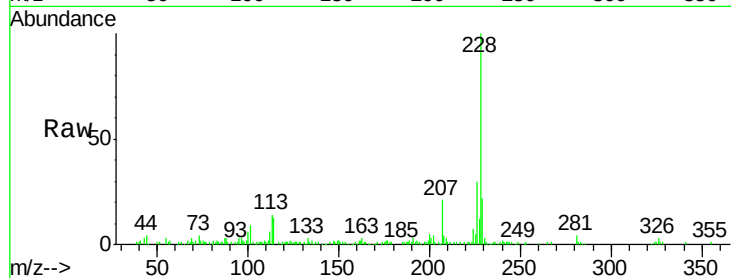
#21
Chrysene
Concen: 3.204 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Instrument :
BNA_N
ClientSampleId :
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Tot Ion:	228	Resp:	111356
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.5	36.7
229	21.9	15.8	23.8

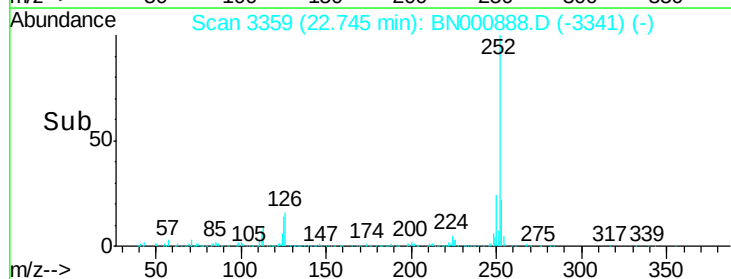
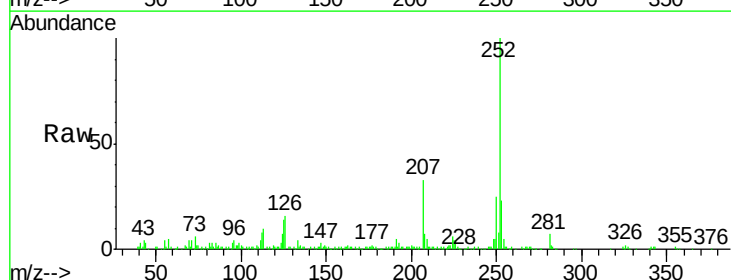
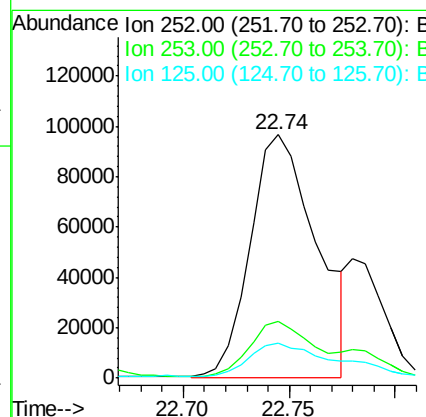
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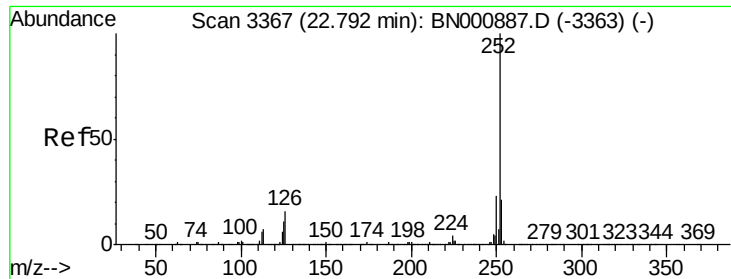
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#23
Benzo(b)fluoranthene
Concen: 5.569 ng/ul m
RT: 22.74 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Tgt Ion:	252	Resp:	210094
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.0	27.0
125	14.1	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 1.556 ng/ul m

RT: 22.78 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BN000888.D

Acq: 25 Apr 2018 13:00

Instrument :

BNA_N

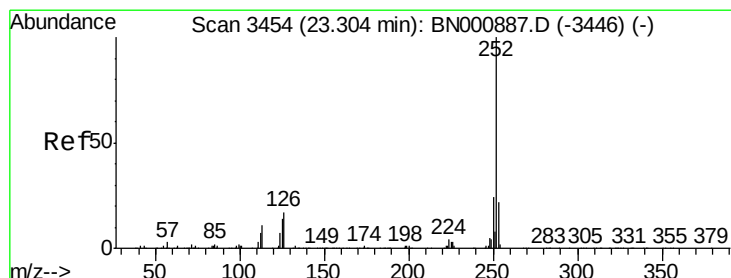
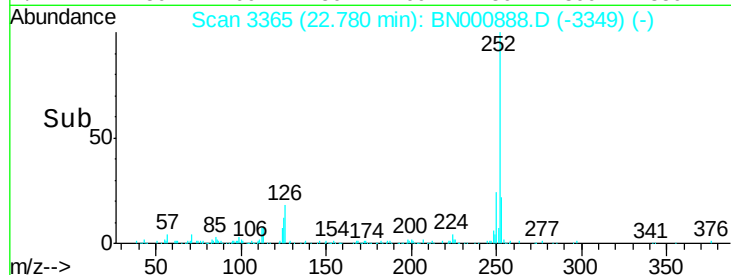
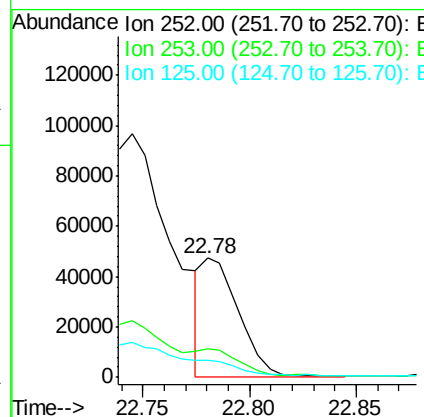
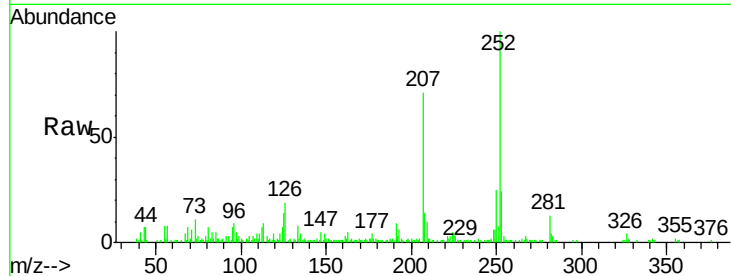
ClientSampled :

DAS20

Tot Ion:	252	Resp:	57436
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.0	27.0
125	13.8	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 3.547 ng/ul

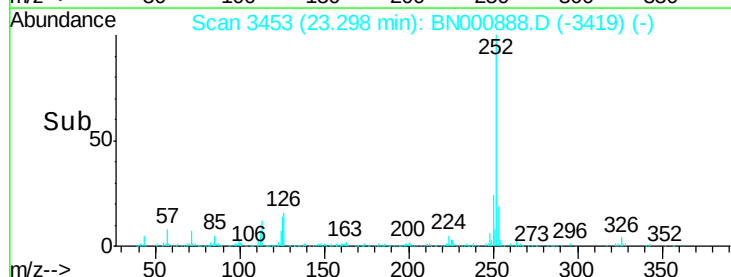
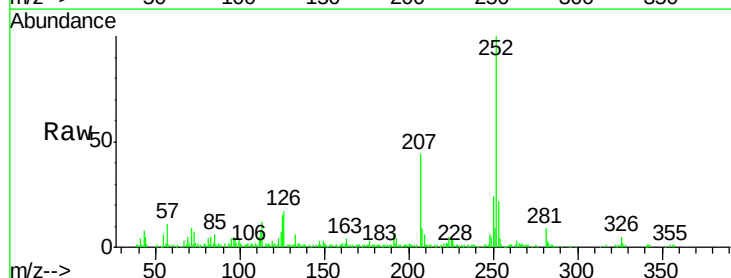
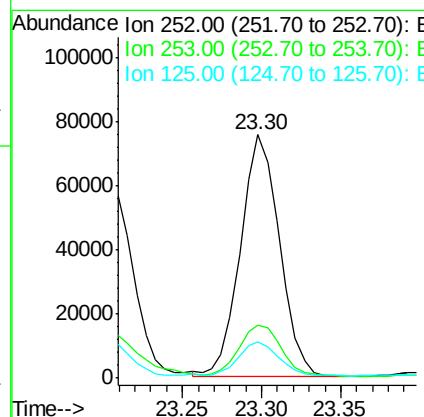
RT: 23.30 min Scan# 3453

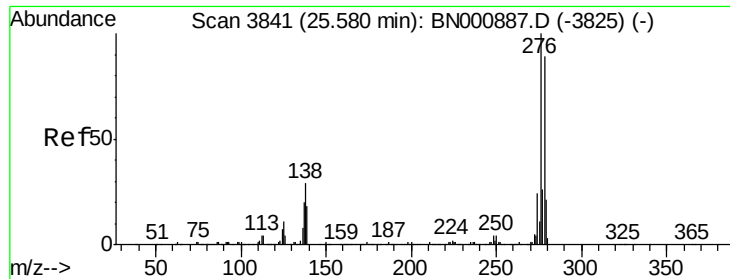
Delta R.T. -0.00 min

Lab File: BN000888.D

Acq: 25 Apr 2018 13:00

Tgt Ion:	252	Resp:	127892
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	14.7	8.2	12.4#





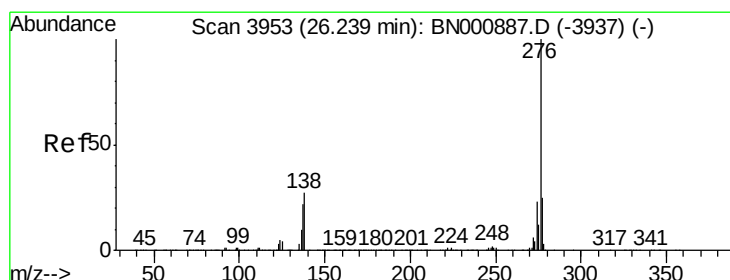
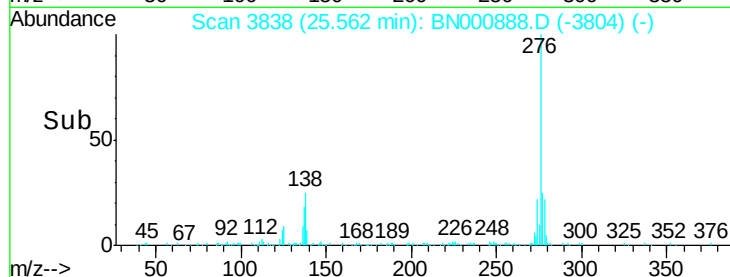
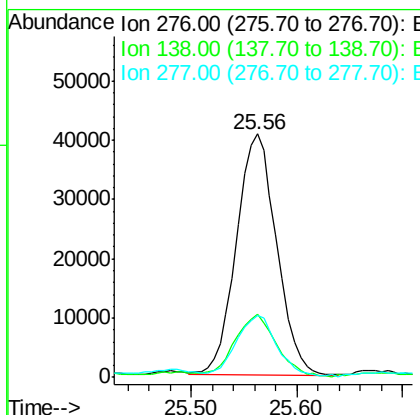
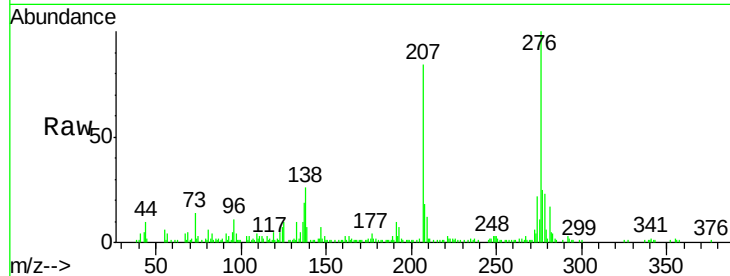
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.459 ng/ul
 RT: 25.56 min Scan# 3838
 Delta R.T. -0.00 min
 Lab File: BN000888.D
 Acq: 25 Apr 2018 13:00

Instrument :
 BNA_N
 ClientSampled :
 DAS20

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	14.4	21.6#
277	25.4	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 2.961 ng/ul
 RT: 26.22 min Scan# 3950
 Delta R.T. -0.00 min
 Lab File: BN000888.D
 Acq: 25 Apr 2018 13:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	15.3	22.9#
277	23.6	19.0	28.4

