

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
 Data File : BN000931.D
 Acq On : 26 Apr 2018 14:35
 Operator : JU/SJ
 Sample : J2485-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS39

Manual Integrations
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Quant Time: Apr 27 08:06:52 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 07:47:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	133527	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	535012	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	249564	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	471848	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	450950	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	479549	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	975581	40.70	ng/ul	0.00
10) Fluorene-d10	15.26	176	645522	40.35	ng/ul	0.00
14) Anthracene-d10	17.11	188	899947	41.71	ng/ul	0.00
18) Pyrene-d10	19.42	212	946459	40.96	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	1026369	45.31	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.05	178	76091	2.957	ng/ul	99
15) Anthracene	17.14	178	28019	1.085	ng/ul	97
16) Fluoranthene	19.07	202	281860	10.795	ng/ul#	94
19) Pyrene	19.44	202	231446	7.990	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	162682m	6.035	ng/ul	
21) Chrysene	21.25	228	151781m	5.991	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	199826m	7.332	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	52677m	1.975	ng/ul	
26) Benzo(a)pyrene	23.32	252	113646	4.363	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.60	276	79270	2.520	ng/ul#	91
29) Benzo(g,h,i)perylene	26.26	276	61382	2.333	ng/ul#	92

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

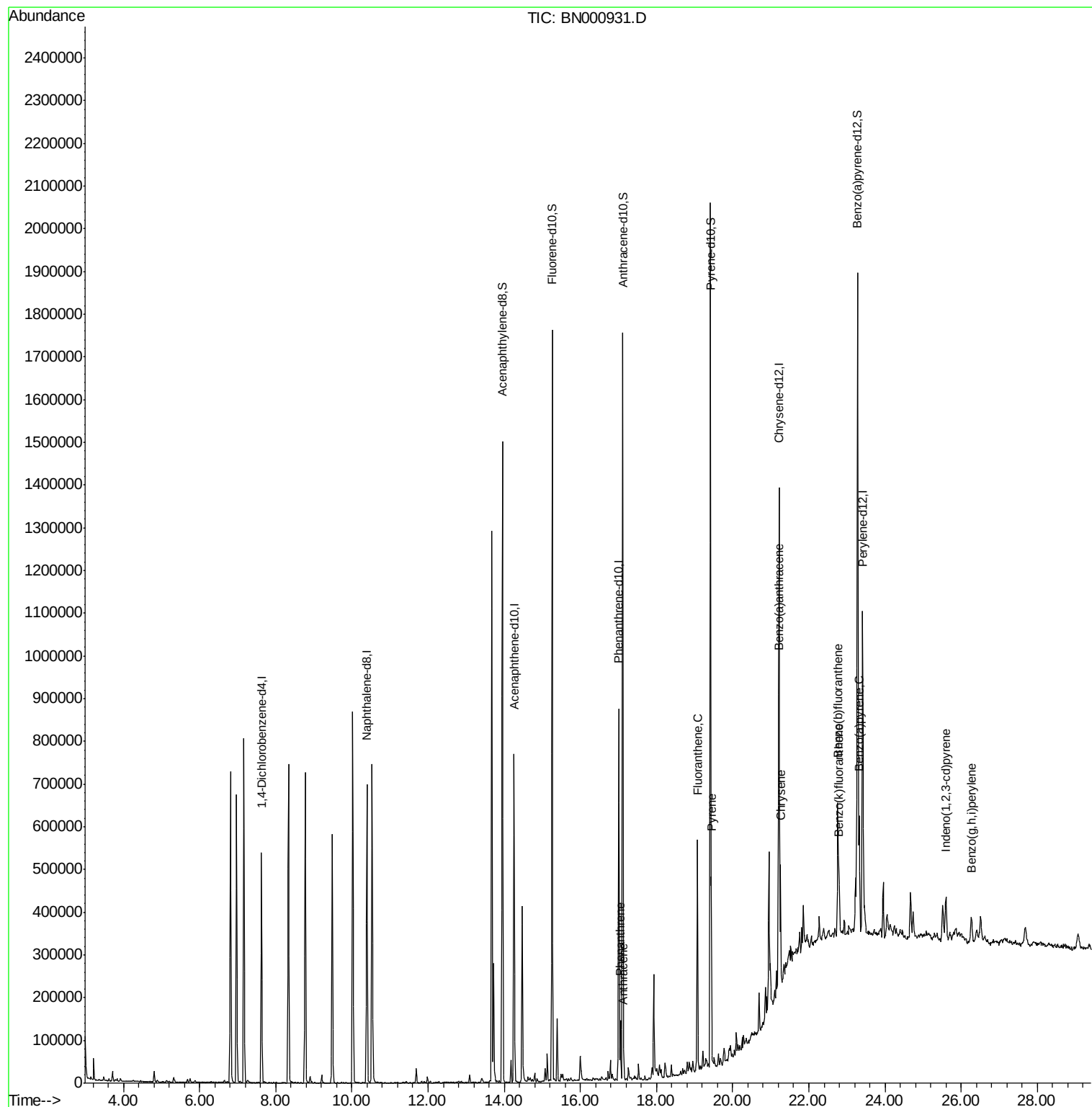
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
Data File : BN000931.D
Acq On : 26 Apr 2018 14:35
Operator : JU/SJ
Sample : J2485-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

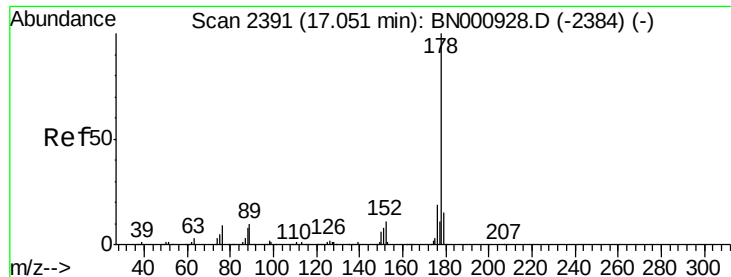
Instrument :
BNA_N
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DAS39

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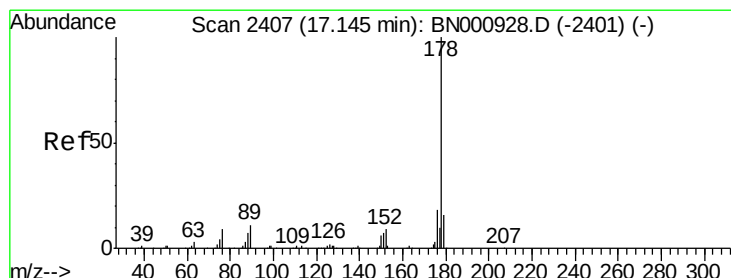
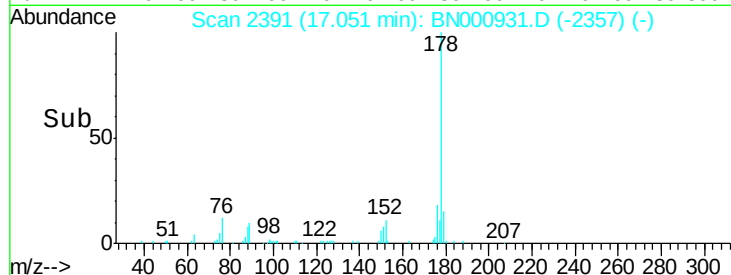
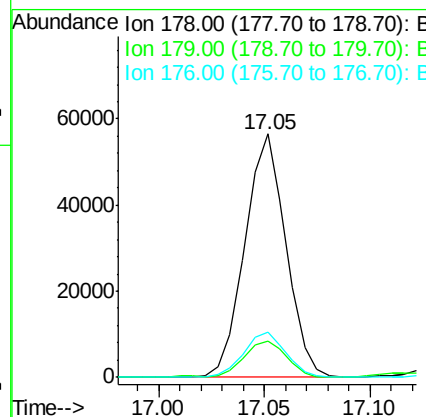
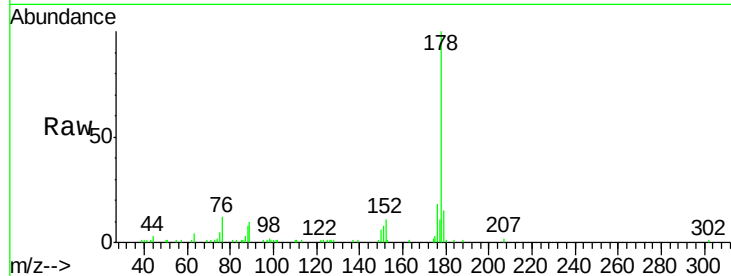
#13
Phenanthrene
Concen: 2.957 ng/ul
RT: 17.05 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BN000931.D
Acq: 26 Apr 2018 14:35

Instrument :
BNA_N
ClientSampleId :
DAS39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.4	15.1	22.7

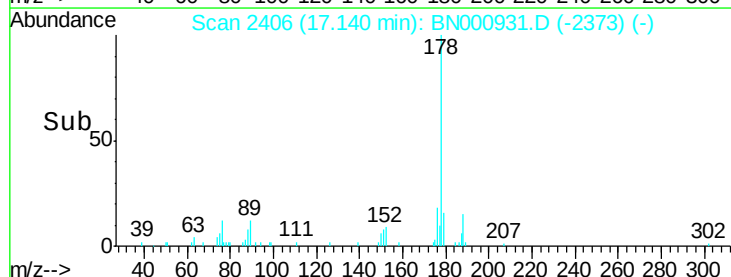
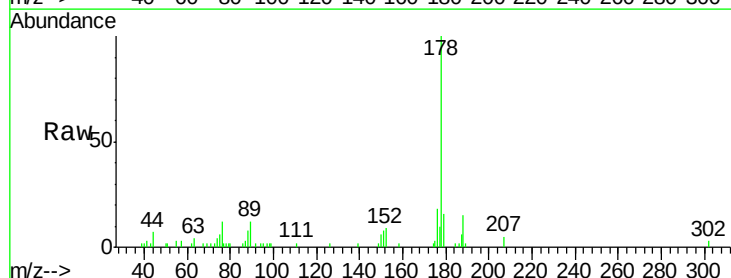
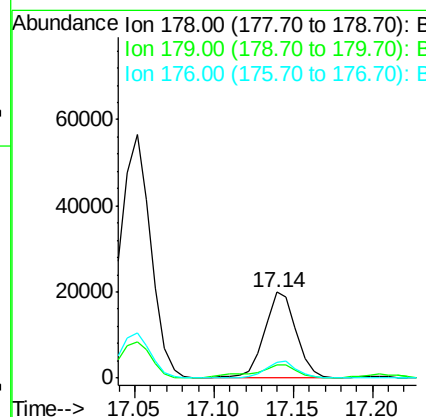
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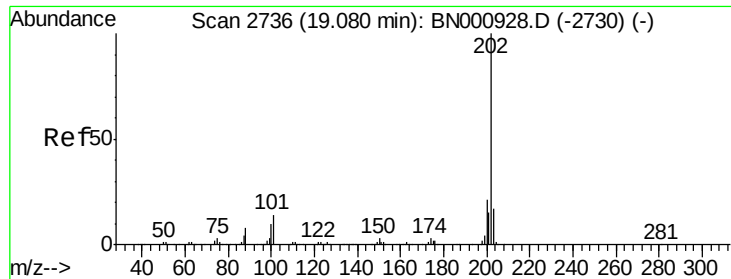
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#15
Anthracene
Concen: 1.085 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BN000931.D
Acq: 26 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	17.7	15.2	22.8





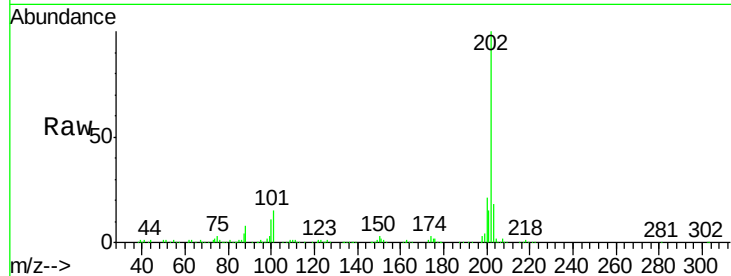
#16
 Fluoranthene
 Concen: 10.795 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. -0.01 min
 Lab File: BN000931.D
 Acq: 26 Apr 2018 14:35

Instrument :
 BNA_N
 ClientSampleID :
 DAS39

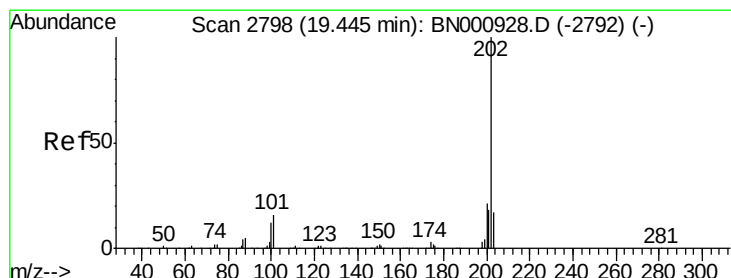
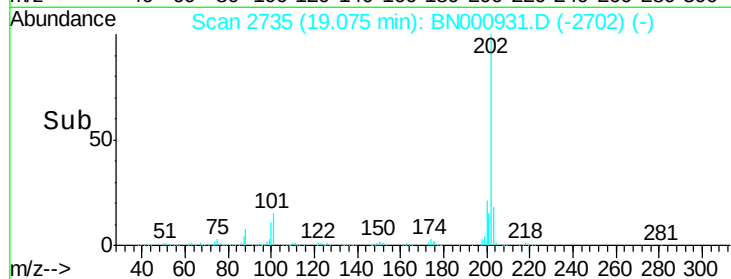
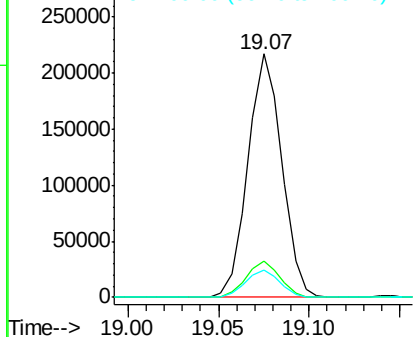
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.8	9.9	14.9
100	11.5	7.4	11.0#

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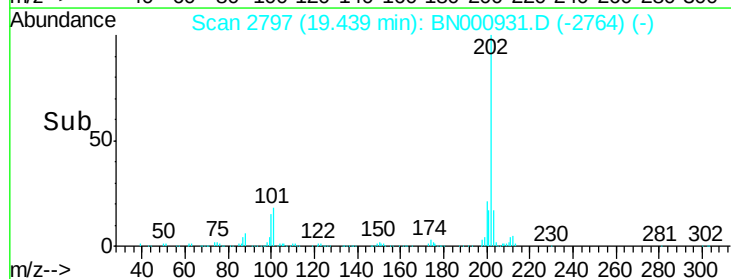
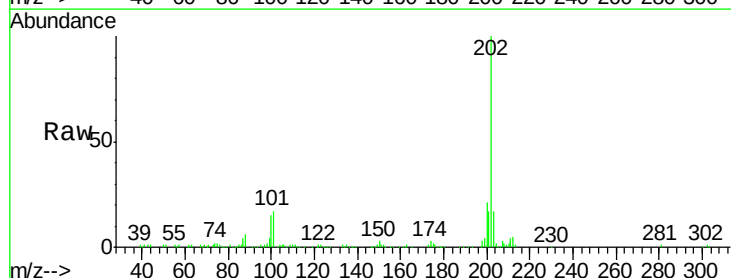
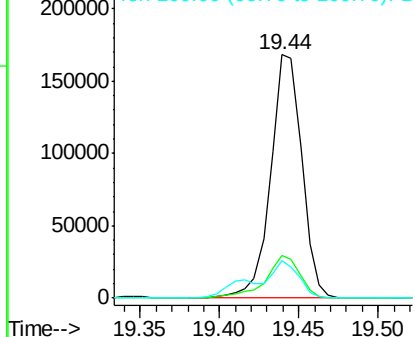
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

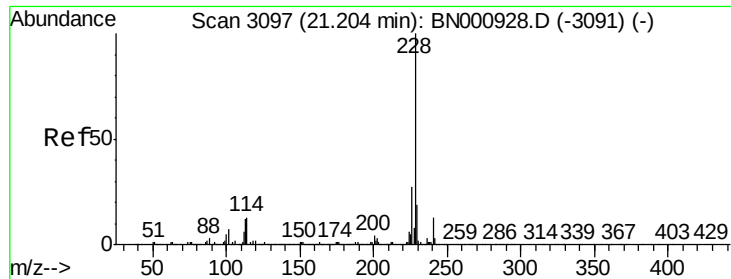


#19
 Pyrene
 Concen: 7.990 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. -0.01 min
 Lab File: BN000931.D
 Acq: 26 Apr 2018 14:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.5	11.0	16.4#
100	15.2	8.1	12.1#

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





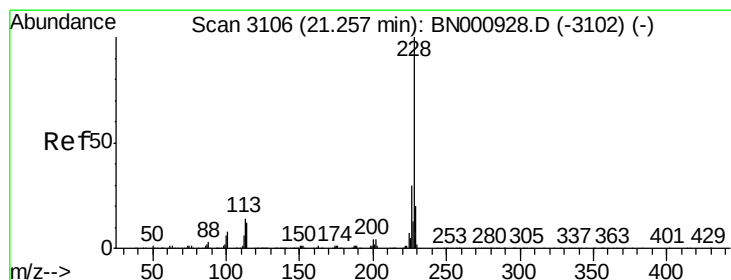
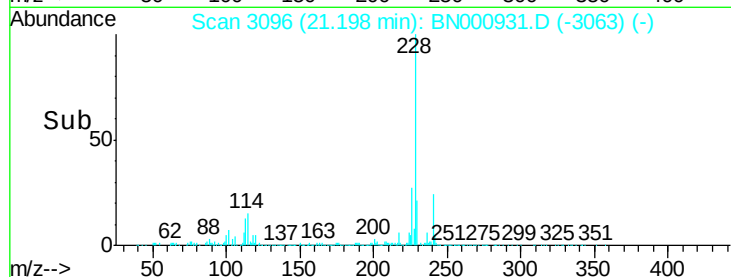
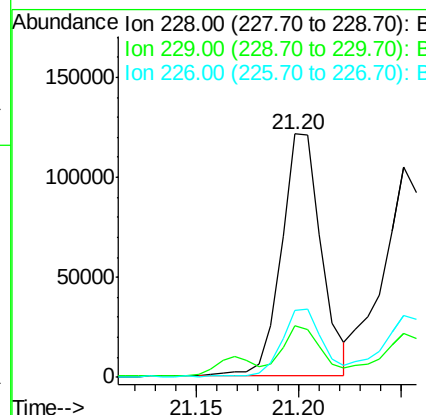
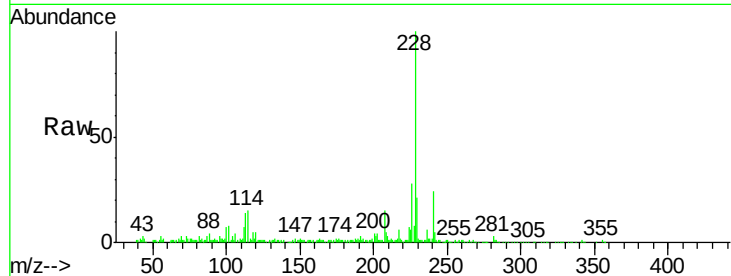
#20
Benzo(a)anthracene
Concen: 6.035 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BN000931.D
Acq: 26 Apr 2018 14:35

Instrument :
BNA_N
ClientSampleId :
DAS39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	27.6	21.1	31.7

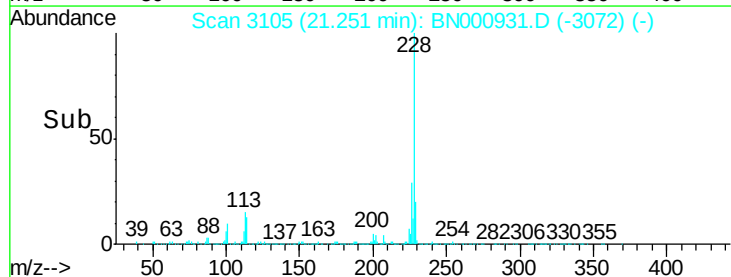
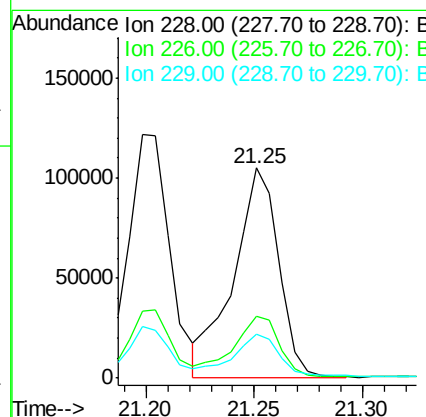
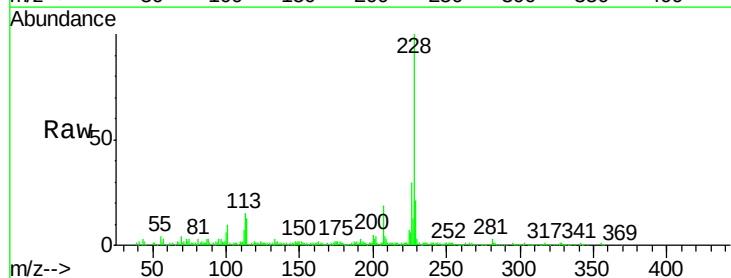
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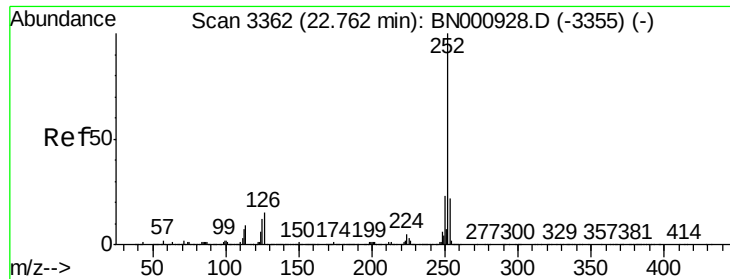
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#21
Chrysene
Concen: 5.991 ng/ul m
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN000931.D
Acq: 26 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	20.7	15.8	23.8





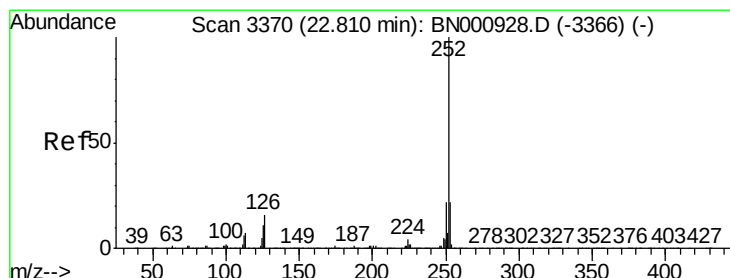
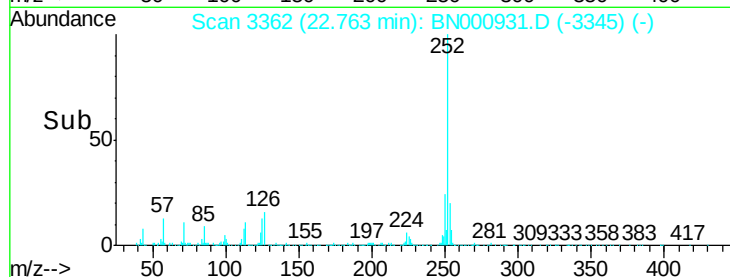
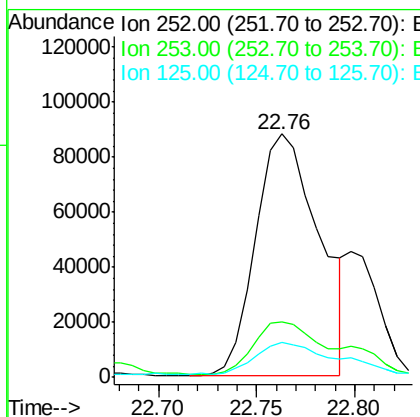
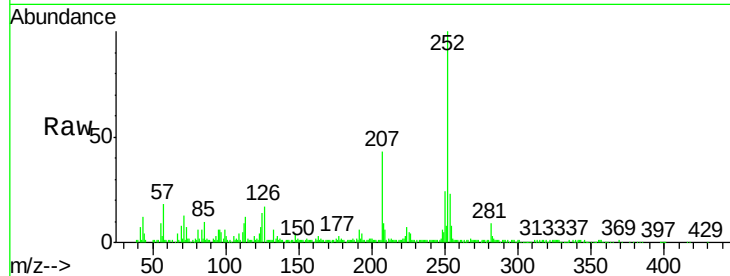
#23
Benzo(b)fluoranthene
Concen: 7.332 ng/ul m
RT: 22.76 min Scan# 3362
Delta R.T. 0.00 min
Lab File: BN000931.D
Acq: 26 Apr 2018 14:35

Instrument :
BNA_N
ClientSampled :
DAS39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	199826		
253	22.8	18.0	27.0	
125	14.1	8.0	12.0	#

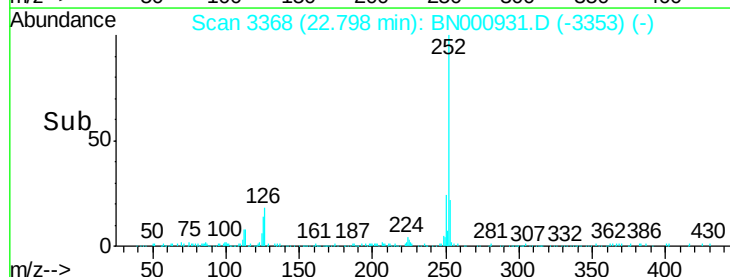
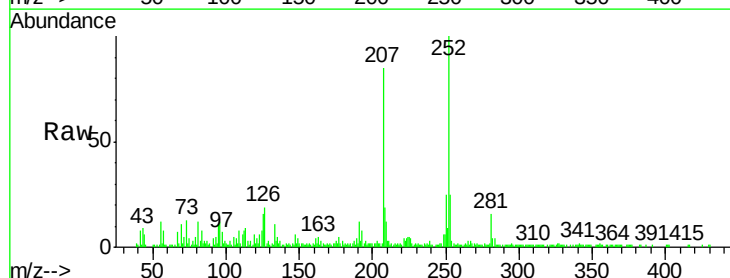
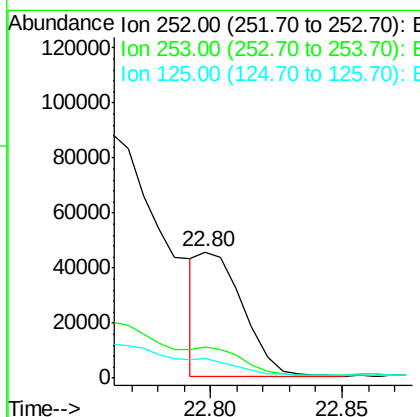
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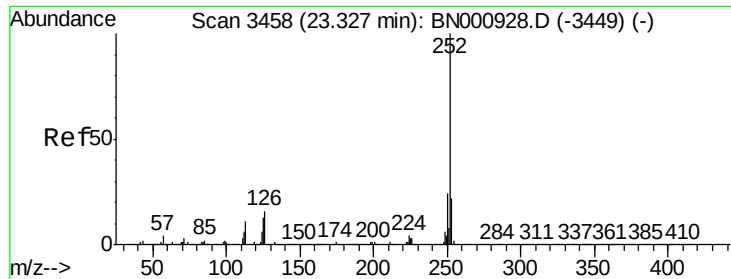
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#24
Benzo(k)fluoranthene
Concen: 1.975 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BN000931.D
Acq: 26 Apr 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	52677		
253	24.9	18.0	27.0	
125	15.6	8.1	12.1	#





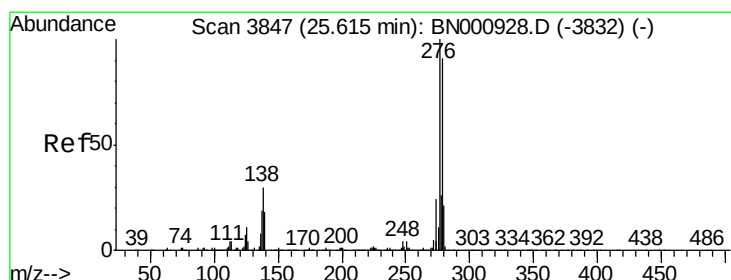
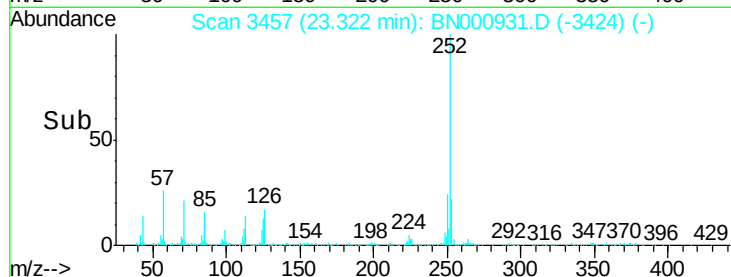
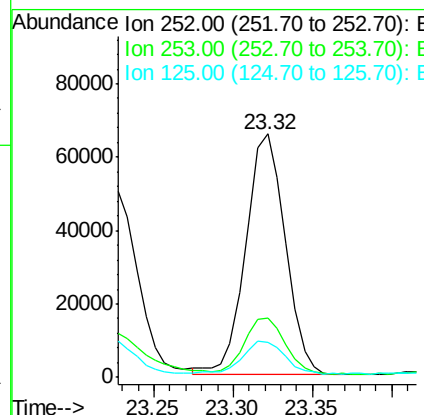
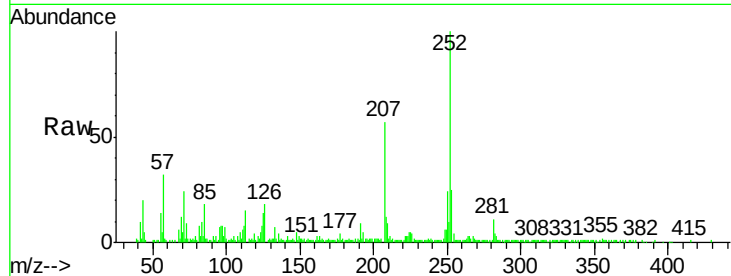
#26
Benzo(a)pyrene
Concen: 4.363 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. -0.01 min
Lab File: BN000931.D
Acq: 26 Apr 2018 14:35

Instrument :
BNA_N
ClientSampleId :
DAS39

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.5	17.2	25.8
125	14.4	8.2	12.4#

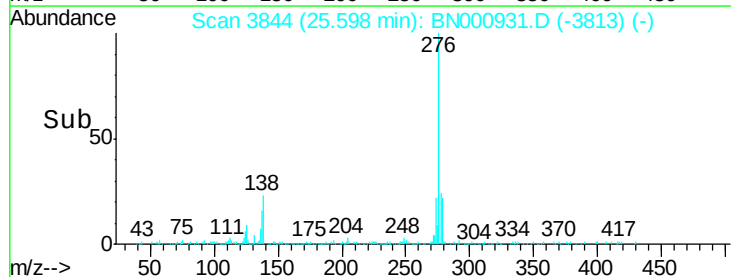
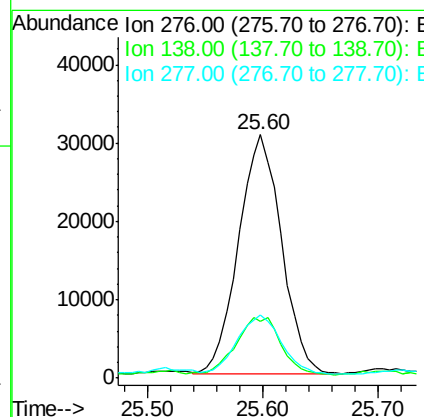
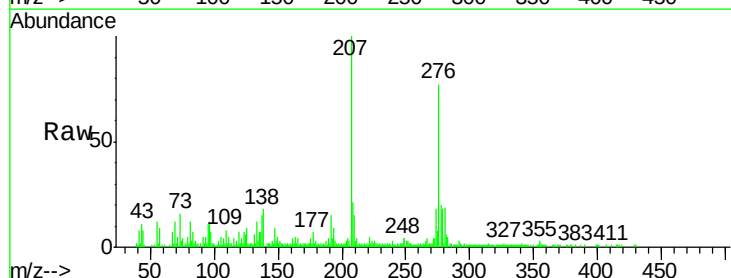
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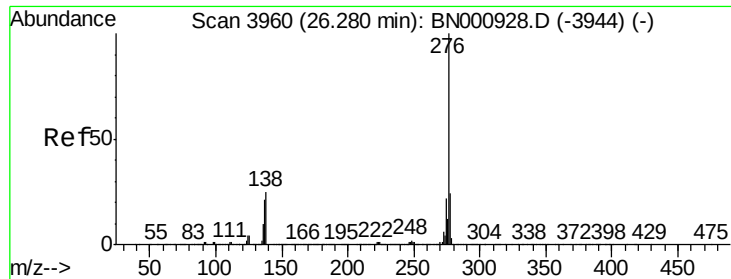
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#27
Indeno(1,2,3-cd)pyrene
Concen: 2.520 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.02 min
Lab File: BN000931.D
Acq: 26 Apr 2018 14:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	23.4	14.4	21.6#
277	25.8	18.0	27.0





#29

Benzo(g,h,i)perylene

Concen: 2.333 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. -0.02 min

Lab File: BN000931.D

Acq: 26 Apr 2018 14:35

Instrument :

BNA_N

ClientSampleId :

DAS39

Tgt Ion:	276	Resp:	61382
Ion Ratio	Lower	Upper	
276	100		
138	23.9	15.3	22.9#
277	26.6	19.0	28.4

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