

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
 Data File : BN000929.D
 Acq On : 26 Apr 2018 13:25
 Operator : JU/SJ
 Sample : J2485-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS41

Manual Integrations
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Quant Time: Apr 27 08:01:51 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	116133	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	470233	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	230441	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	462626	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	439034	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	471379	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	794274	35.89	ng/ul	0.00
10) Fluorene-d10	15.26	176	545307	36.91	ng/ul	0.00
14) Anthracene-d10	17.11	188	790826	37.38	ng/ul	0.00
18) Pyrene-d10	19.42	212	830101	36.90	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	886812	39.83	ng/ul	0.00
Target Compounds						
8) Acenaphthylene	13.98	152	26841	1.225	ng/ul	98
13) Phenanthrene	17.05	178	52754	2.091	ng/ul	98
15) Anthracene	17.14	178	41025	1.621	ng/ul	98
16) Fluoranthene	19.07	202	564477	22.050	ng/ul#	93
19) Pyrene	19.45	202	530068	18.797	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	377483m	14.383	ng/ul	
21) Chrysene	21.26	228	369896	14.996	ng/ul	98
23) Benzo(b)fluoranthene	22.77	252	498516m	18.609	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	173670m	6.625	ng/ul	
26) Benzo(a)pyrene	23.33	252	284226	11.102	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.60	276	177611	5.744	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.60	278	55938	2.171	ng/ul#	79
29) Benzo(g,h,i)perylene	26.27	276	139089	5.378	ng/ul#	92

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

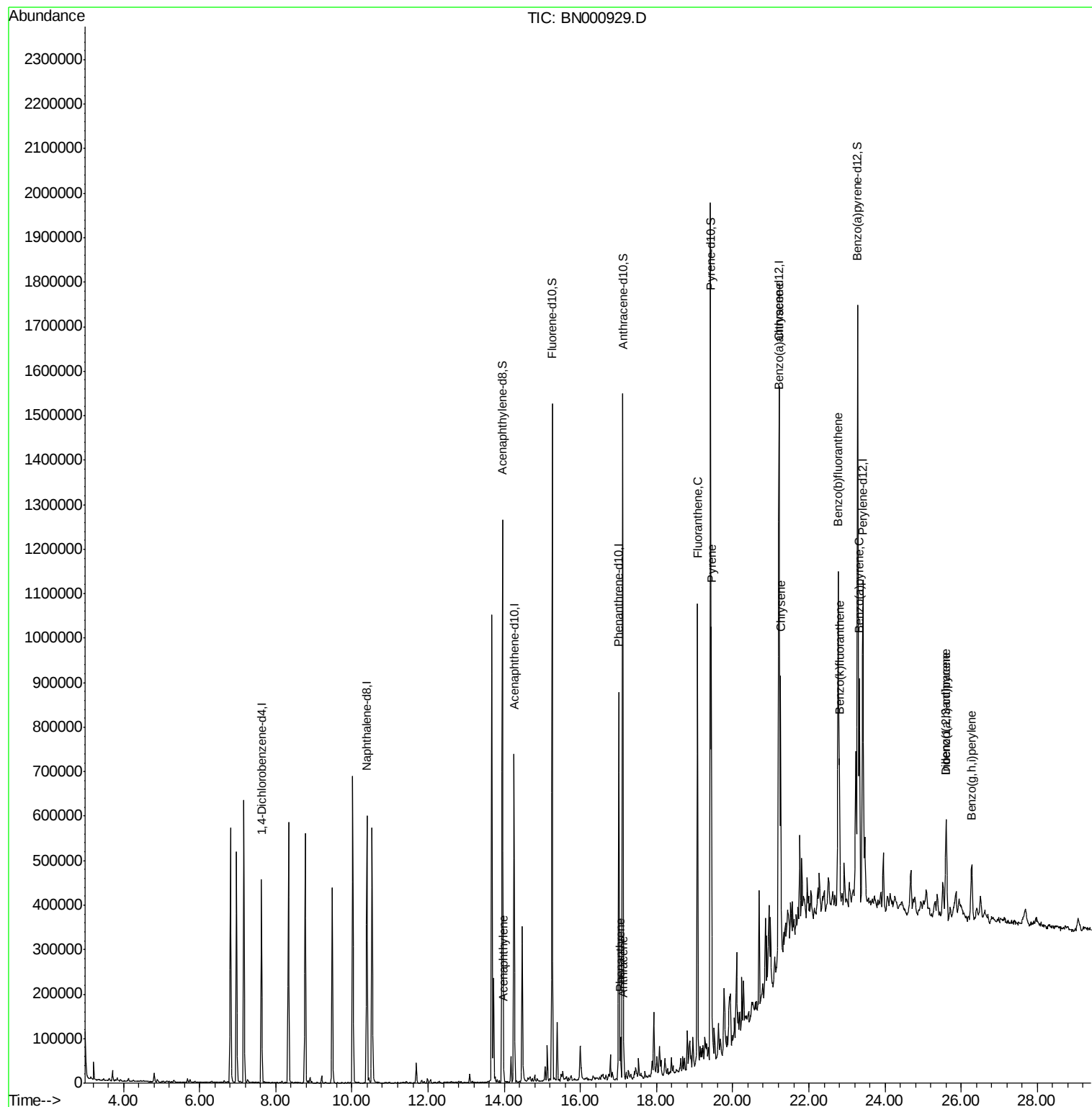
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
Data File : BN000929.D
Acq On : 26 Apr 2018 13:25
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ALS Vial : 3 Sample Multiplier: 1

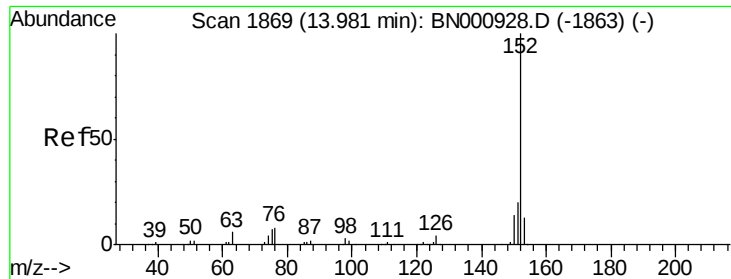
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 27 07:47:48 2018
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.225 ng/ul

RT: 13.98 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

Instrument :

BNA_N

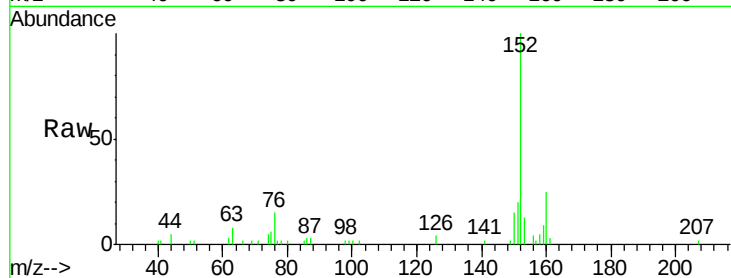
ClientSampleId :

DAS41

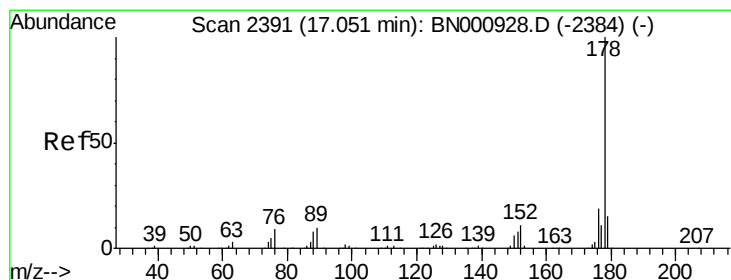
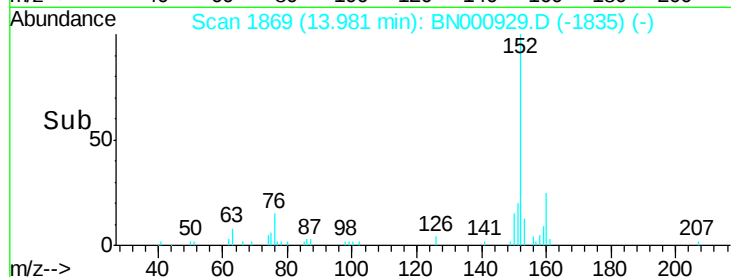
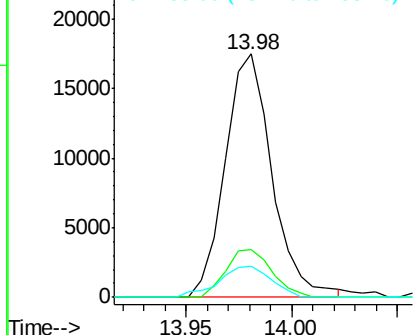
Tgt Ion:	152	Resp:	26841
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.7	25.1
153	12.8	10.2	15.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#13

Phenanthrene

Concen: 2.091 ng/ul

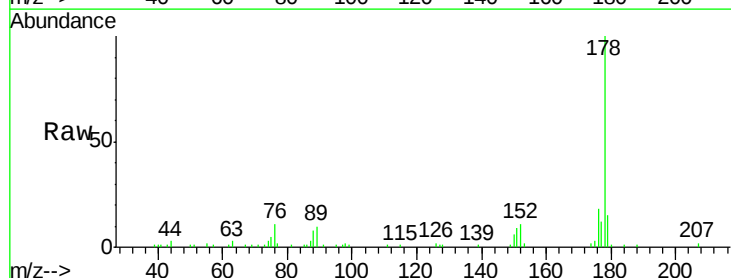
RT: 17.05 min Scan# 2391

Delta R.T. 0.00 min

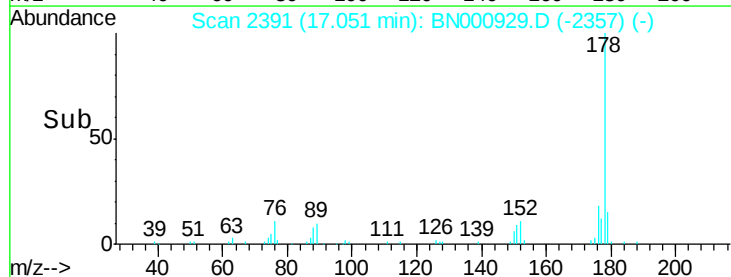
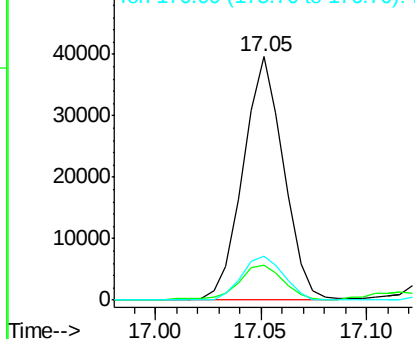
Lab File: BN000929.D

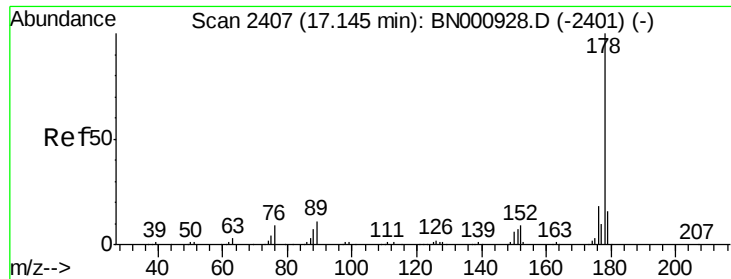
Acq: 26 Apr 2018 13:25

Tgt Ion:	178	Resp:	52754
Ion Ratio	Lower	Upper	
178	100		
179	14.5	12.3	18.5
176	18.0	15.1	22.7



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





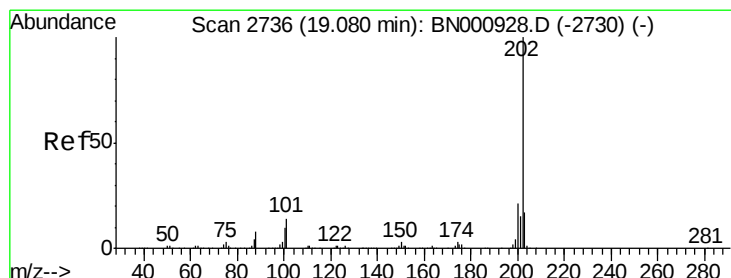
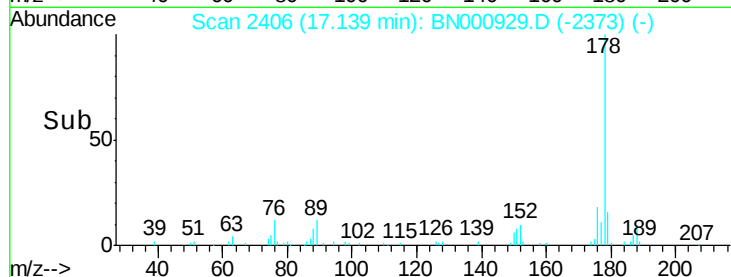
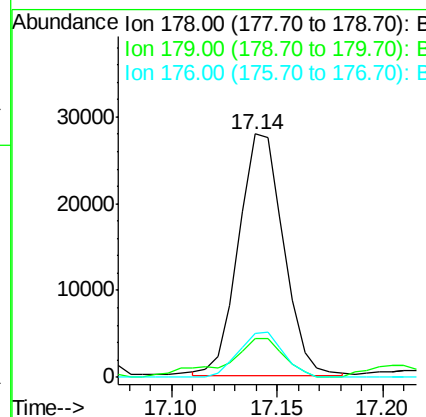
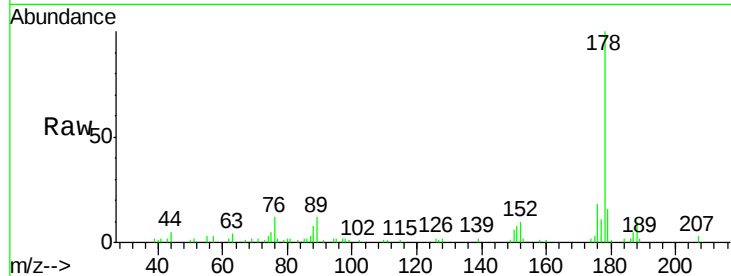
#15
 Anthracene
 Concen: 1.621 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BN000929.D
 Acq: 26 Apr 2018 13:25

Instrument :
 BNA_N
 ClientSampled :
 DAS41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	18.1	15.2	22.8

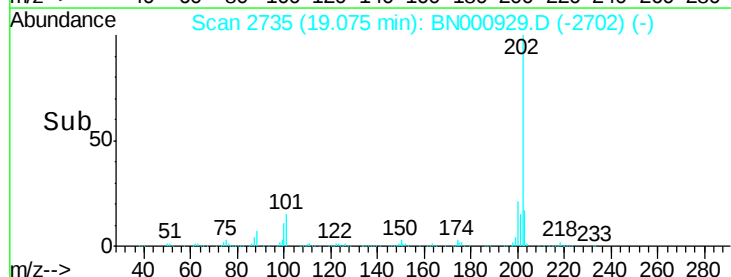
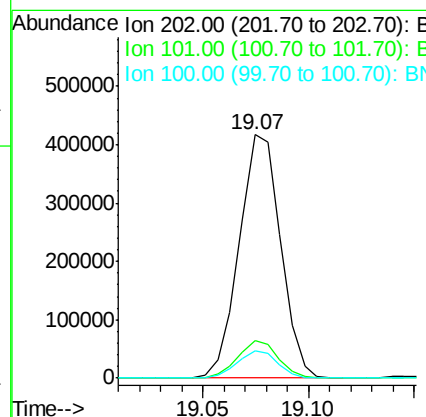
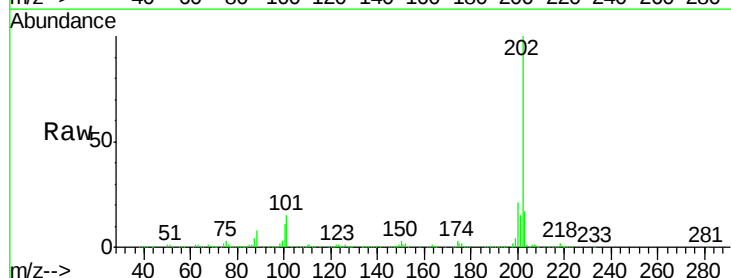
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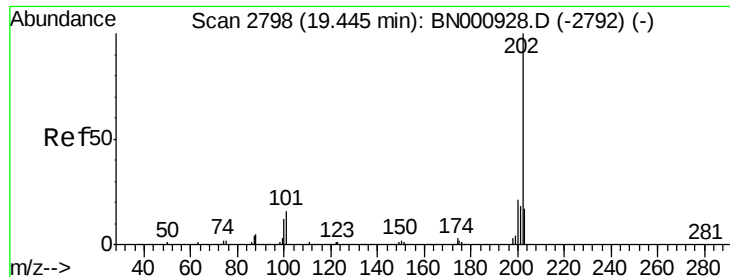
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#16
 Fluoranthene
 Concen: 22.050 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. -0.01 min
 Lab File: BN000929.D
 Acq: 26 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.9	14.9#
100	11.2	7.4	11.0#





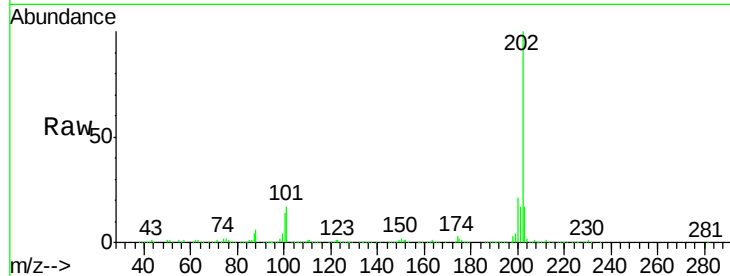
#19
Pyrene
Concen: 18.797 ng/ul
RT: 19.45 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BN000929.D
Acq: 26 Apr 2018 13:25

Instrument :
BNA_N
ClientSampled :
DAS41

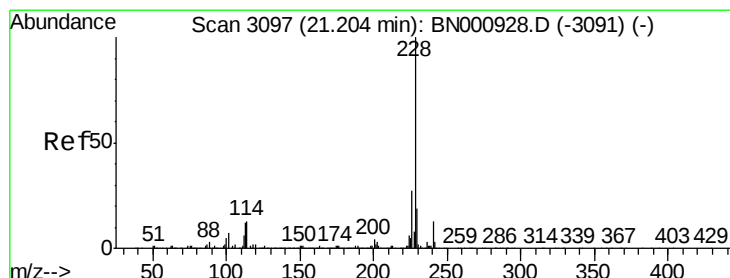
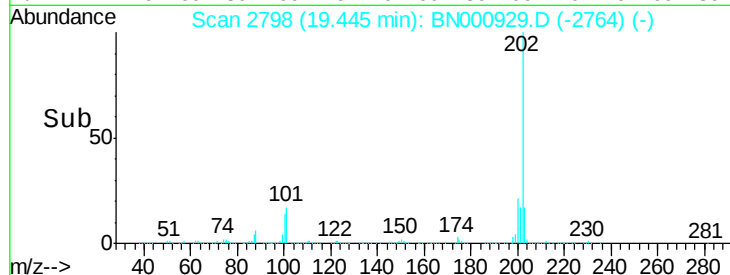
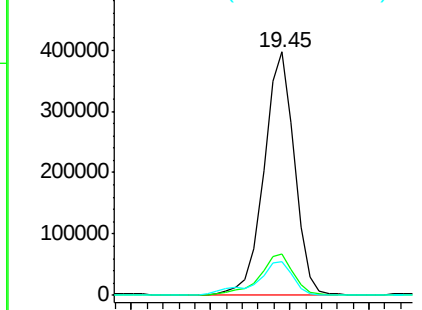
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	530068		
101	16.8	11.0	16.4#	
100	13.6	8.1	12.1#	

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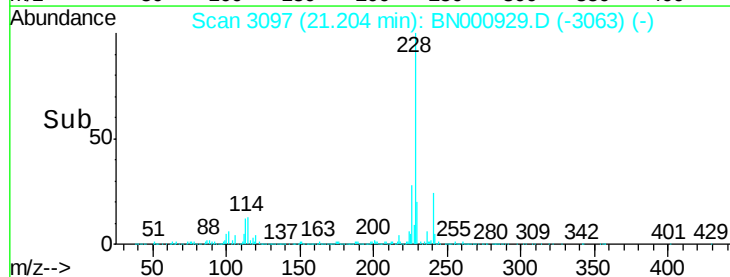
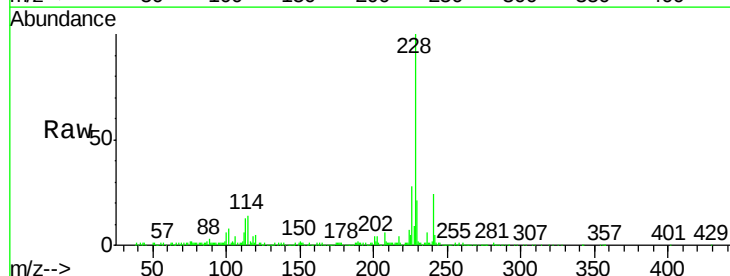
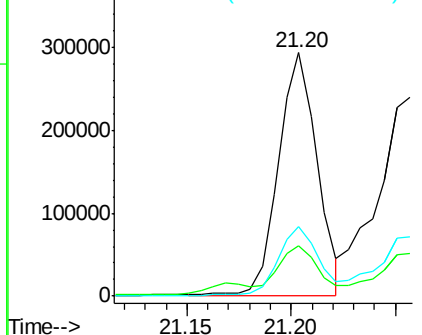
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

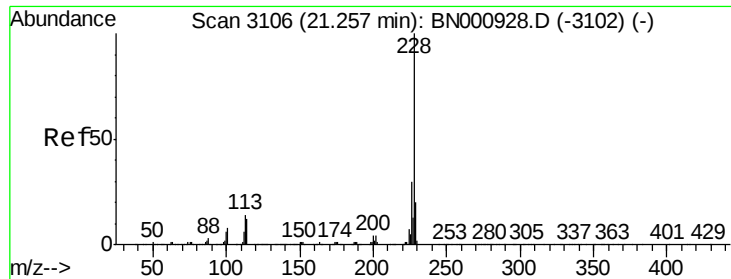


#20
Benzo(a)anthracene
Concen: 14.383 ng/ul m
RT: 21.20 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BN000929.D
Acq: 26 Apr 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	377483		
229	20.5	15.7	23.5	
226	28.3	21.1	31.7	

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 14.996 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

Instrument :

BNA_N

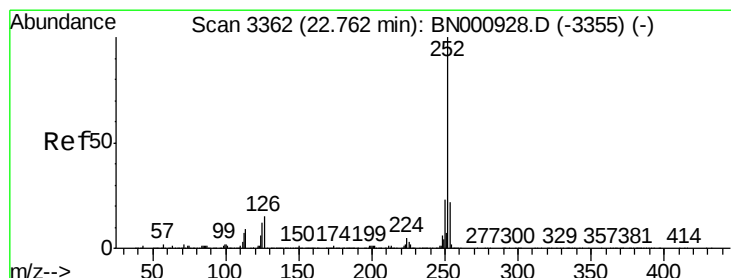
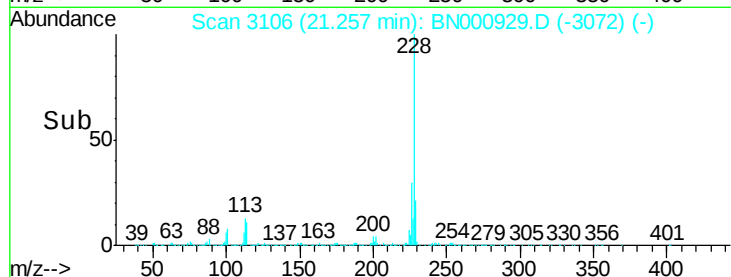
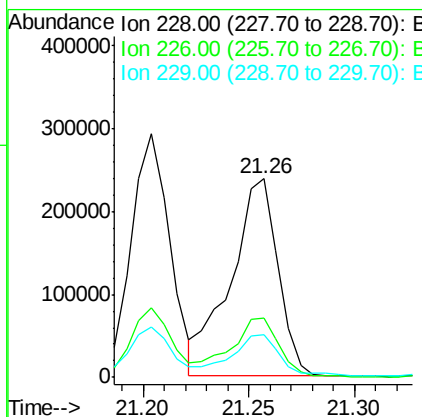
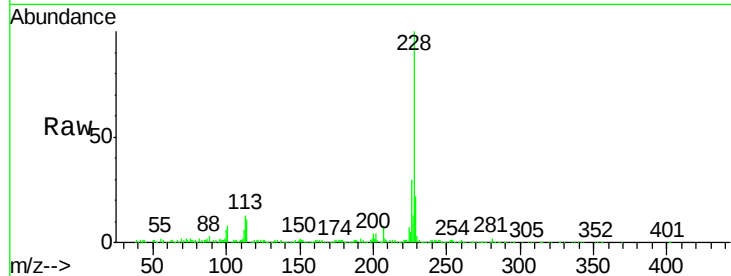
ClientSampleId :

DAS41

Tgt Ion:	228	Resp:	369896
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.5	36.7
229	21.5	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 18.609 ng/ul m

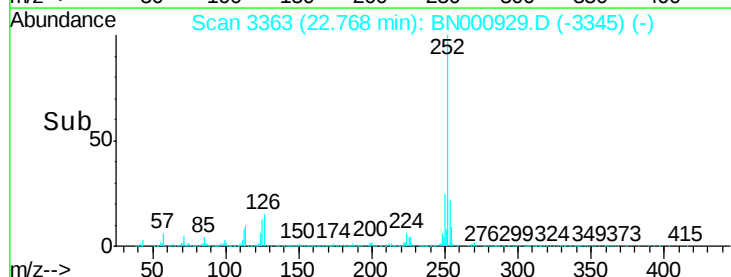
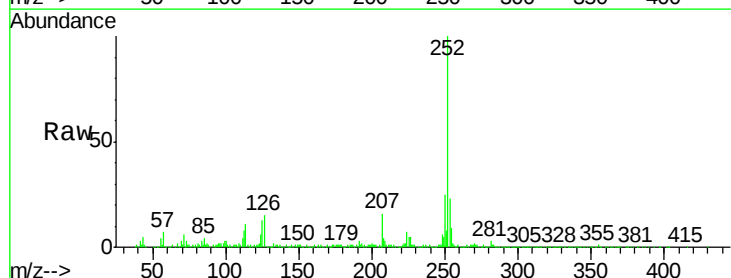
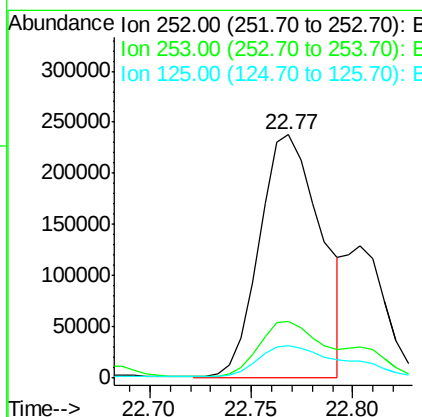
RT: 22.77 min Scan# 3363

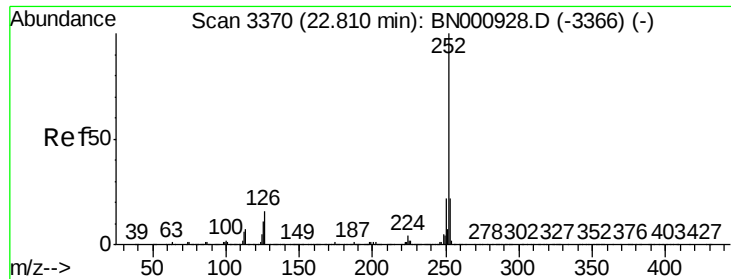
Delta R.T. 0.01 min

Lab File: BN000929.D

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Tgt Ion:	252	Resp:	498516
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.0	27.0
125	13.3	8.0	12.0#





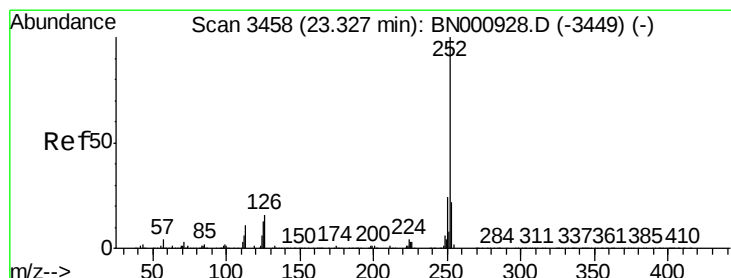
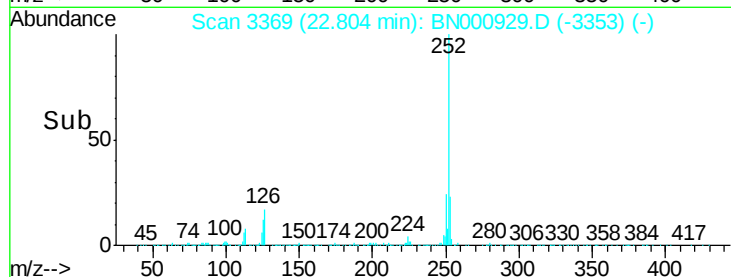
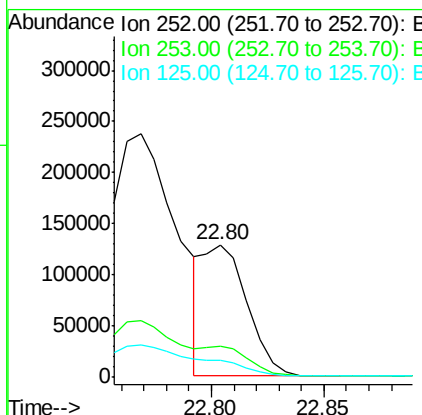
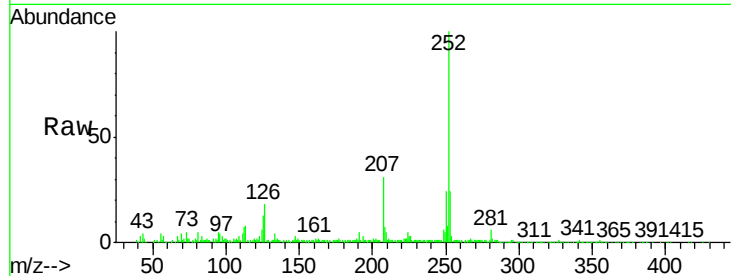
#24
Benzo(k)fluoranthene
Concen: 6.625 ng/ul m
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BN000929.D
Acq: 26 Apr 2018 13:25

Instrument :
BNA_N
ClientSampleId :
DAS41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	12.7	8.1	12.1

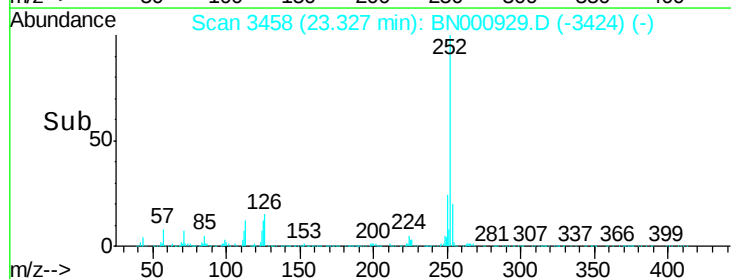
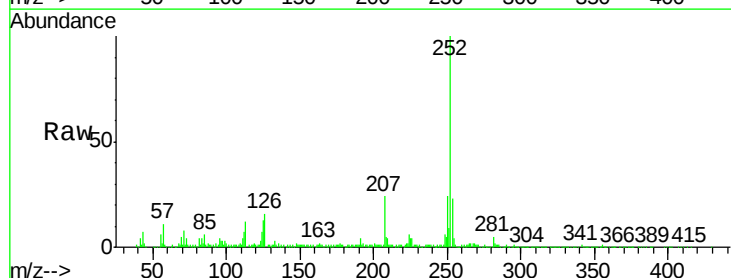
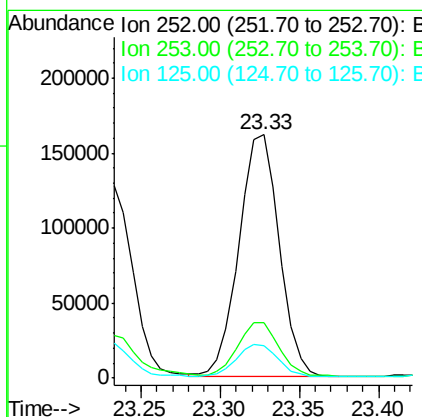
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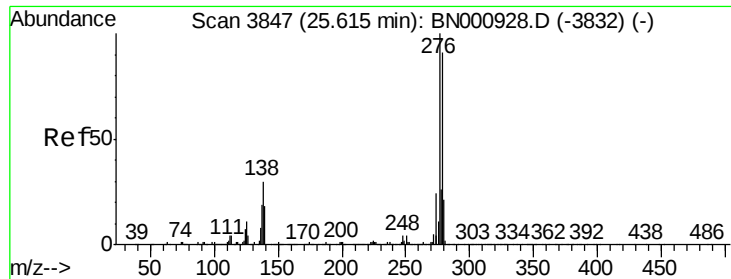
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#26
Benzo(a)pyrene
Concen: 11.102 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. 0.00 min
Lab File: BN000929.D
Acq: 26 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	13.1	8.2	12.4





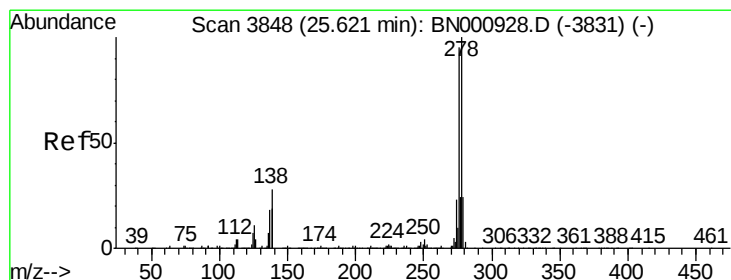
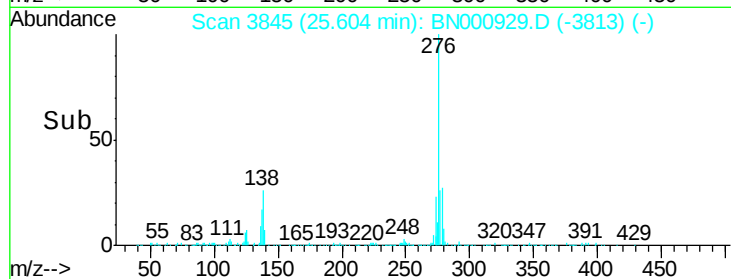
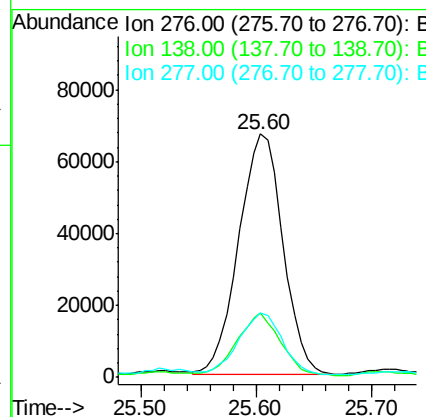
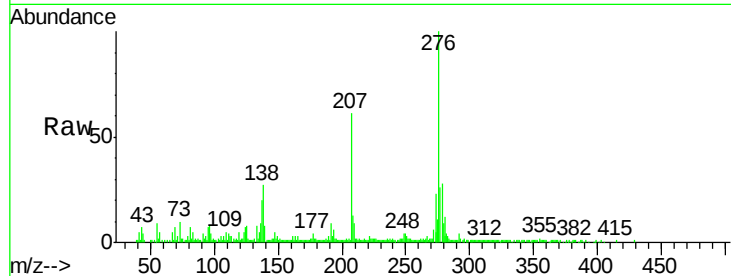
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 5.744 ng/ul
 RT: 25.60 min Scan# 3845
 Delta R.T. -0.01 min
 Lab File: BN000929.D
 Acq: 26 Apr 2018 13:25

Instrument :
 BNA_N
 ClientSampleId :
 DAS41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	14.4	21.6#
277	26.3	18.0	27.0

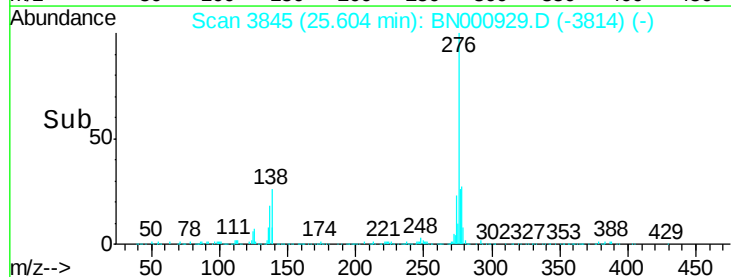
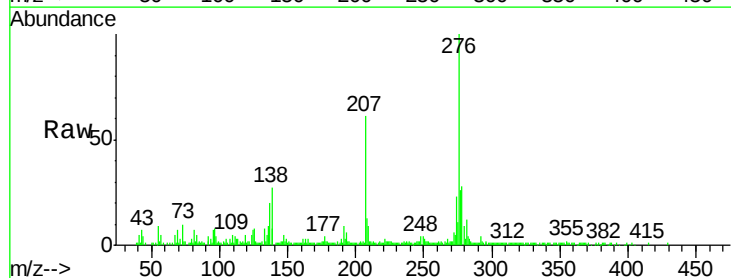
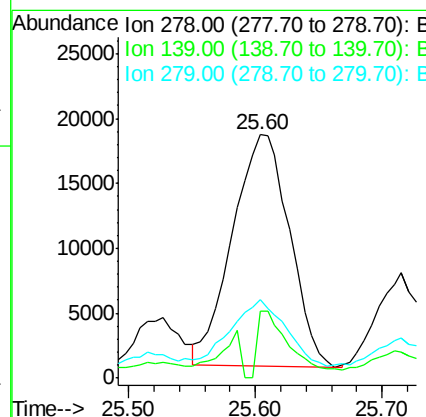
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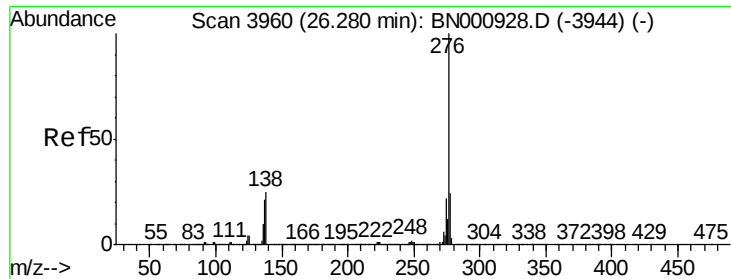
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#28
 Dibenzo(a,h)anthracene
 Concen: 2.171 ng/ul
 RT: 25.60 min Scan# 3845
 Delta R.T. -0.02 min
 Lab File: BN000929.D
 Acq: 26 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.5	12.2	18.4#
279	32.1	19.2	28.8#





#29

Benzo(g,h,i)perylene

Concen: 5.378 ng/ul

RT: 26.27 min Scan# 3959

Delta R.T. -0.01 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

Instrument :

BNA_N

ClientSampleId :

DAS41

Tgt Ion:	276	Resp:	139089
Ion Ratio		Lower	Upper
276	100		
138	25.2	15.3	22.9#
277	25.1	19.0	28.4

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