

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
 Data File : BN000930.D
 Acq On : 26 Apr 2018 14:00
 Operator : JU/SJ
 Sample : J2485-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS40

Manual Integrations
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Quant Time: Apr 27 08:03:52 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	140994	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	572530	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	264034	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	490398	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	450022	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	483632	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	1281944	50.55	ng/ul	0.00
10) Fluorene-d10	15.26	176	845901	49.98	ng/ul	0.00
14) Anthracene-d10	17.11	188	1153536	51.44	ng/ul	0.00
18) Pyrene-d10	19.42	212	1173758	50.90	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.29	264	1285222	56.26	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.05	178	83550	3.124	ng/ul	99
16) Fluoranthene	19.07	202	309590	11.409	ng/ul#	94
19) Pyrene	19.45	202	289103	10.002	ng/ul#	93
20) Benzo(a)anthracene	21.20	228	189353	7.039	ng/ul	96
21) Chrysene	21.25	228	187134m	7.401	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	309269m	11.252	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	96232m	3.578	ng/ul	
26) Benzo(a)pyrene	23.32	252	200060	7.616	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.60	276	151270	4.768	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.60	278	42264	1.598	ng/ul#	78
29) Benzo(g,h,i)perylene	26.27	276	124902	4.707	ng/ul#	91

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

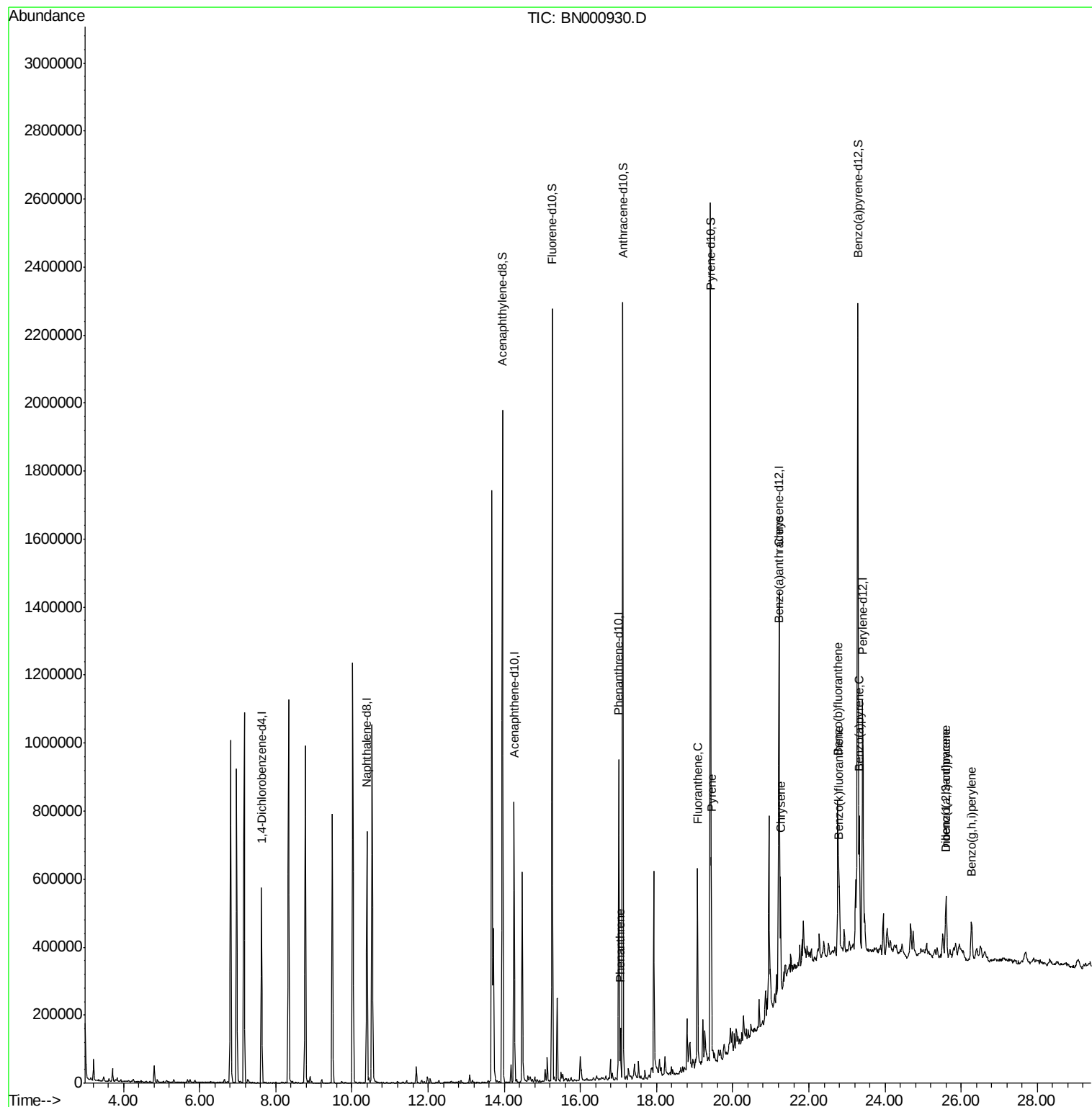
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
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ALS Vial : 4 Sample Multiplier: 1

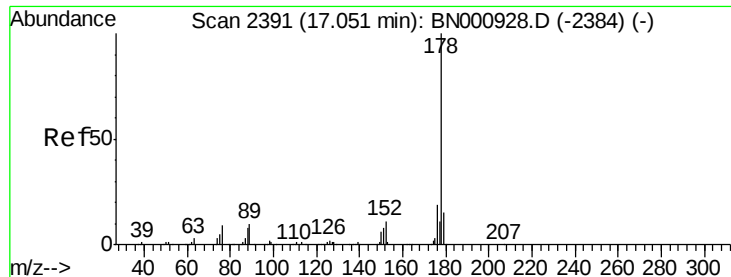
Instrument :
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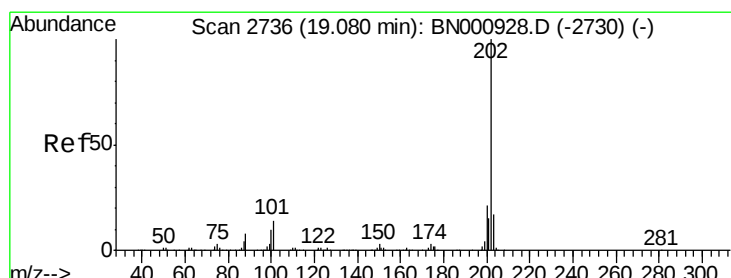
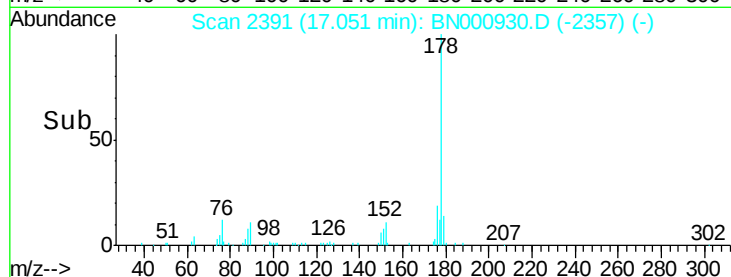
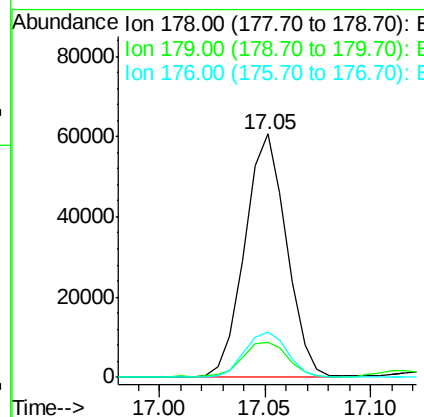
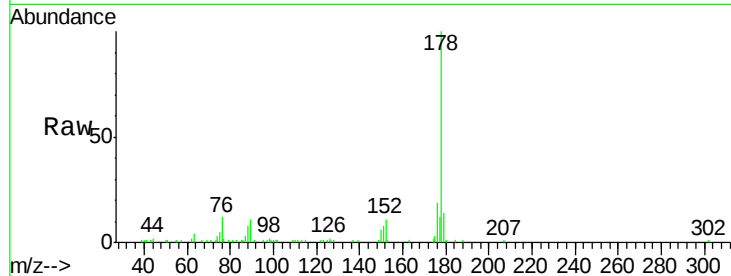
#13
Phenanthrene
Concen: 3.124 ng/ul
RT: 17.05 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BN000930.D
Acq: 26 Apr 2018 14:00

Instrument :
BNA_N
ClientSampleId :
DAS40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.3	18.5
176	18.8	15.1	22.7

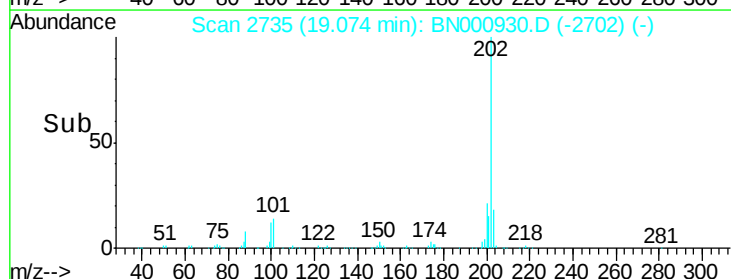
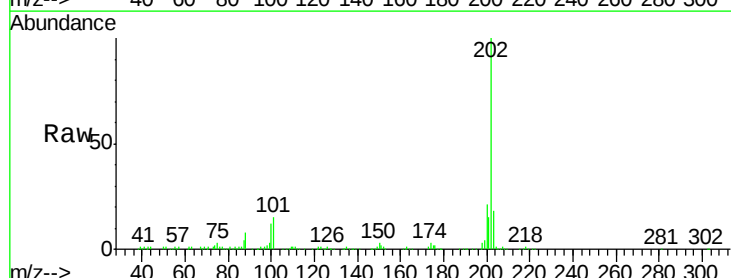
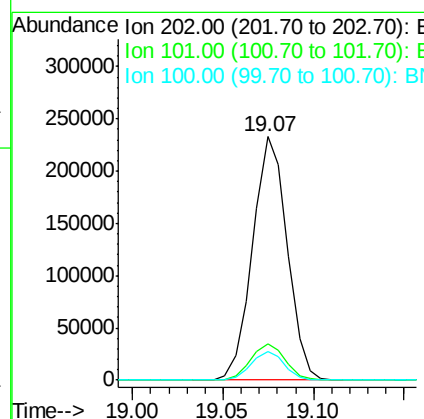
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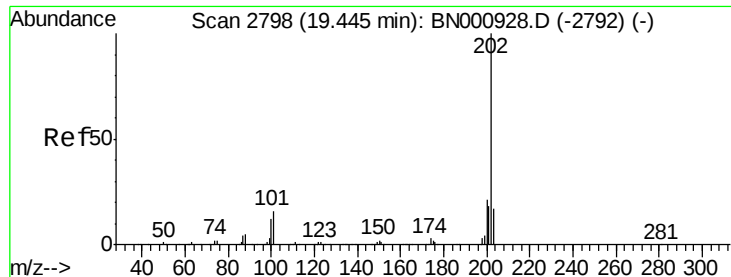
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#16
Fluoranthene
Concen: 11.409 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BN000930.D
Acq: 26 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.9	14.9
100	11.6	7.4	11.0#





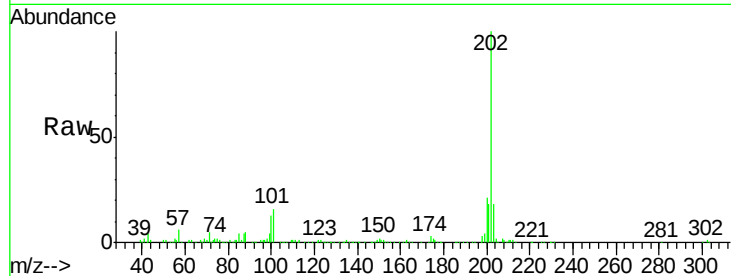
#19
 Pyrene
 Concen: 10.002 ng/ul
 RT: 19.45 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BN000930.D
 Acq: 26 Apr 2018 14:00

Instrument :
 BNA_N
 ClientSampleID :
 DAS40

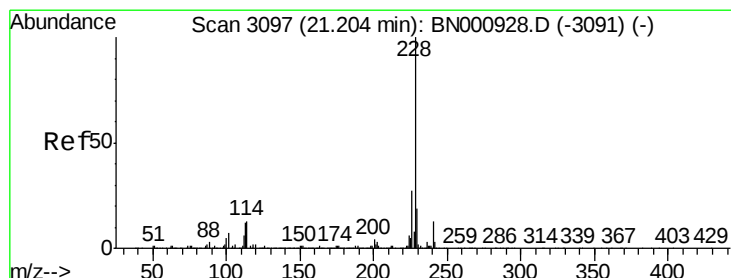
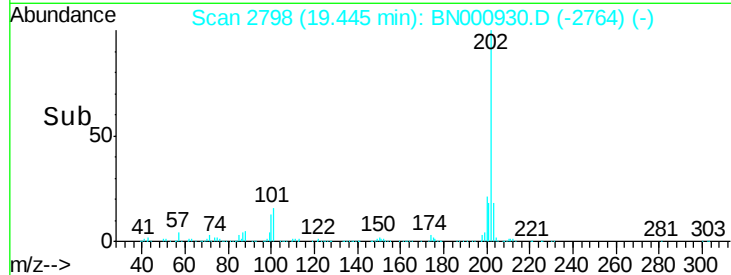
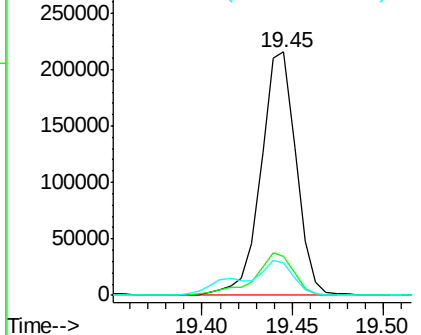
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.9	11.0	16.4
100	13.3	8.1	12.1

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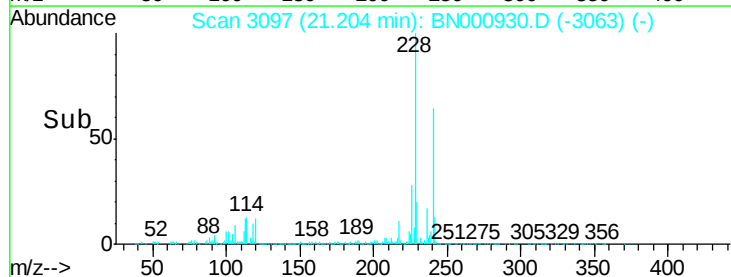
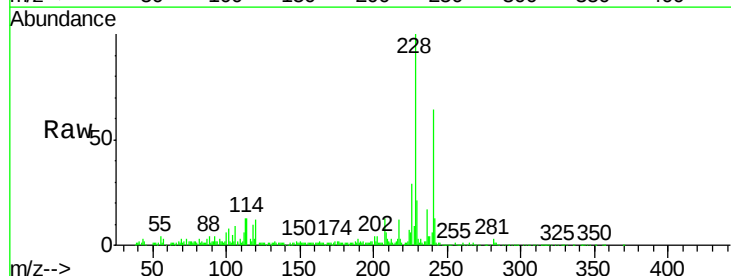
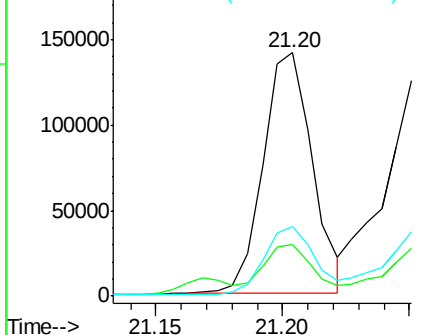
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

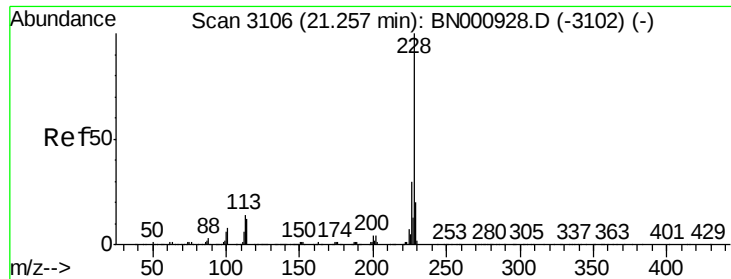


#20
 Benzo(a)anthracene
 Concen: 7.039 ng/ul
 RT: 21.20 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BN000930.D
 Acq: 26 Apr 2018 14:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.1	15.7	23.5
226	28.7	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: 7.401 ng/ul m

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN000930.D

Acq: 26 Apr 2018 14:00

Instrument :

BNA_N

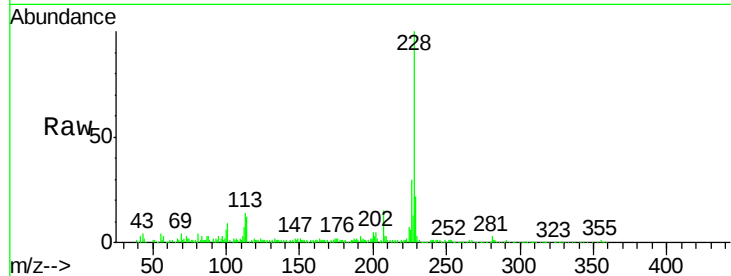
ClientSampleId :

DAS40

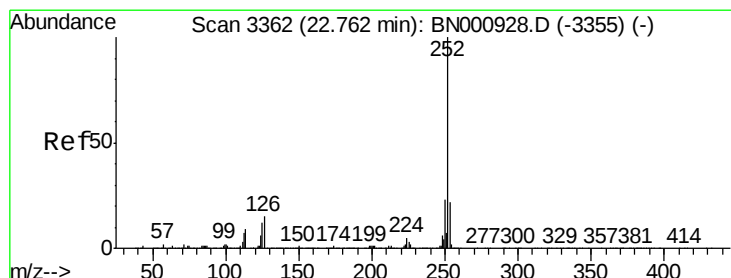
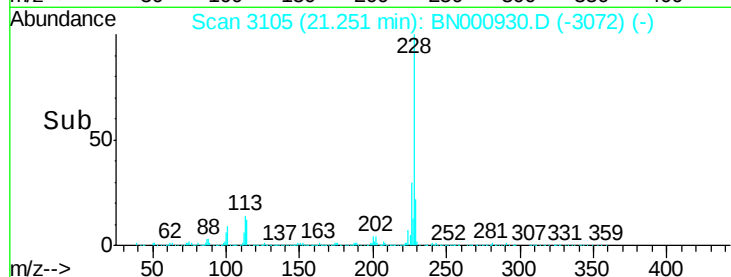
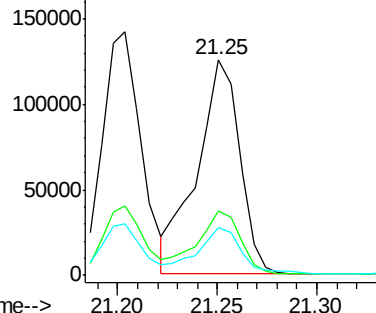
Tgt Ion:	228	Resp:	187134
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.5	36.7
229	22.1	15.8	23.8

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



#23

Benzo(b)fluoranthene

Concen: 11.252 ng/ul m

RT: 22.76 min Scan# 3362

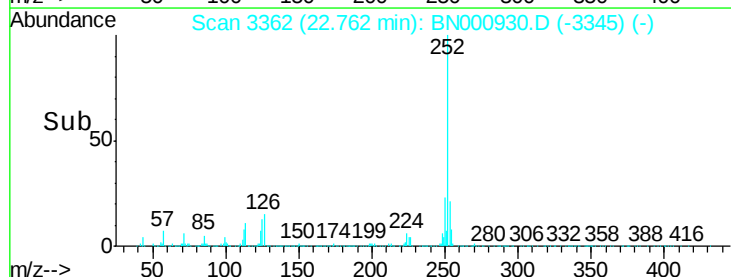
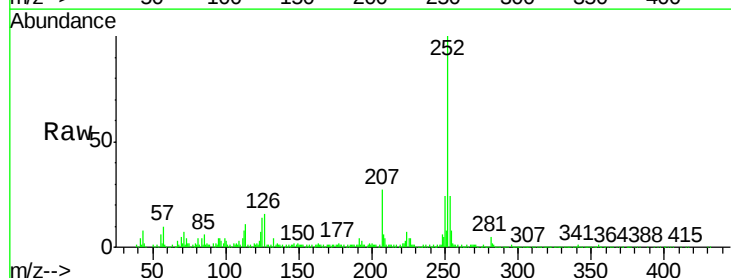
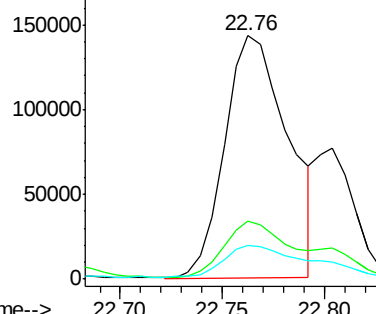
Delta R.T. 0.00 min

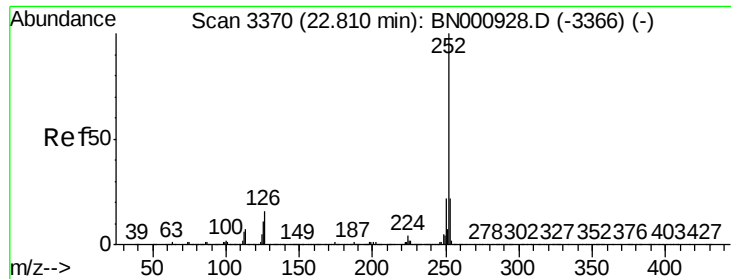
Lab File: BN000930.D

Acq: 26 Apr 2018 14:00

Tgt Ion:	252	Resp:	309269
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.0	27.0
125	13.6	8.0	12.0#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 3.578 ng/ul m

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BN000930.D

Acq: 26 Apr 2018 14:00

Instrument :

BNA_N

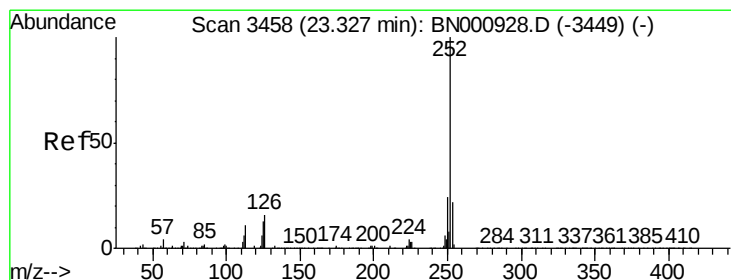
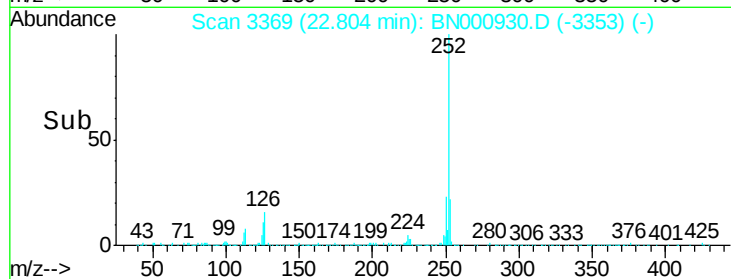
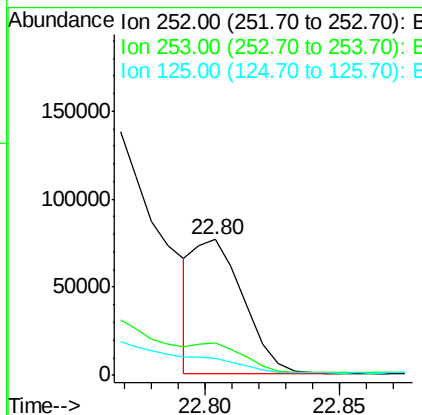
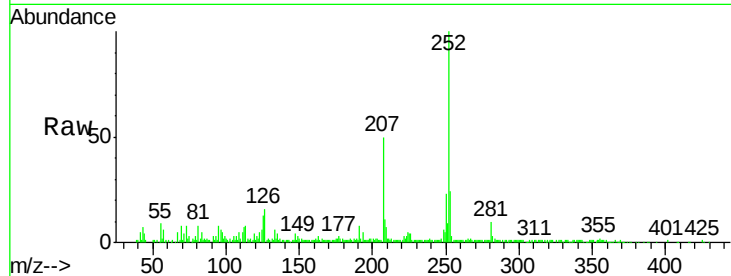
ClientSampled :

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Tgt Ion:	252	Resp:	96232
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.0	27.0
125	12.6	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 7.616 ng/ul

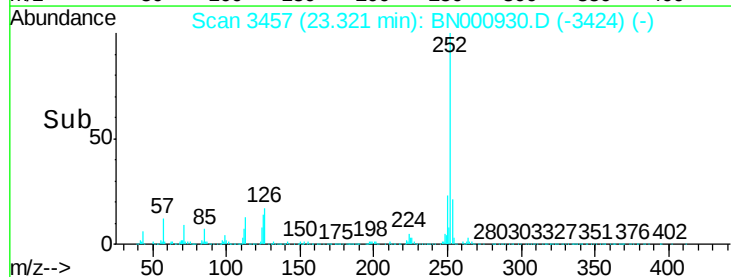
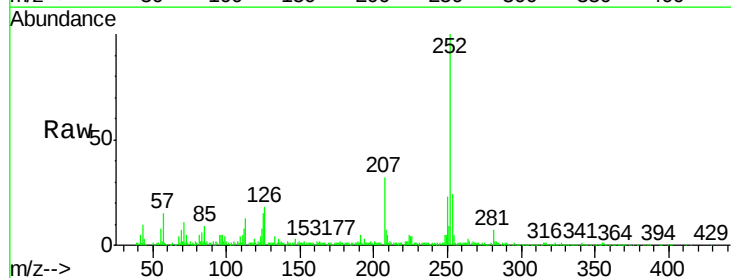
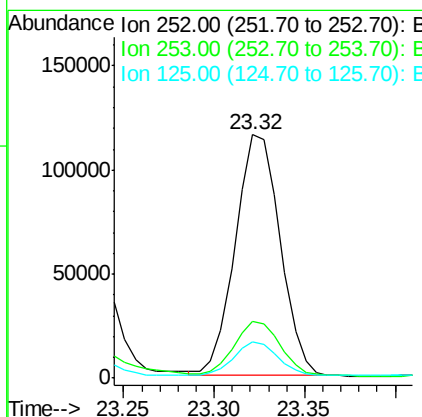
RT: 23.32 min Scan# 3457

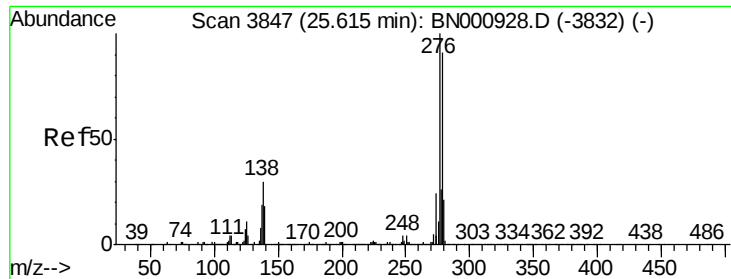
Delta R.T. -0.01 min

Lab File: BN000930.D

Acq: 26 Apr 2018 14:00

Tgt Ion:	252	Resp:	200060
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.2	25.8
125	15.0	8.2	12.4#





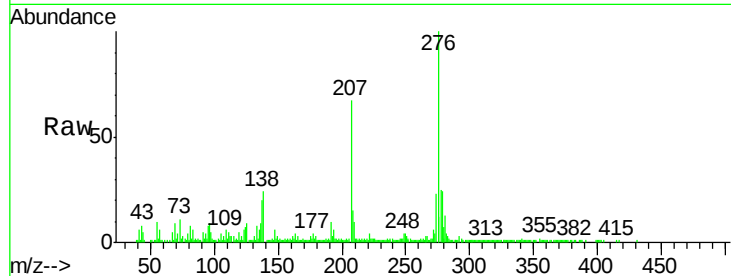
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.768 ng/ul
 RT: 25.60 min Scan# 3845
 Delta R.T. -0.01 min
 Lab File: BN000930.D
 Acq: 26 Apr 2018 14:00

Instrument :
 BNA_N
 ClientSampleId :
 DAS40

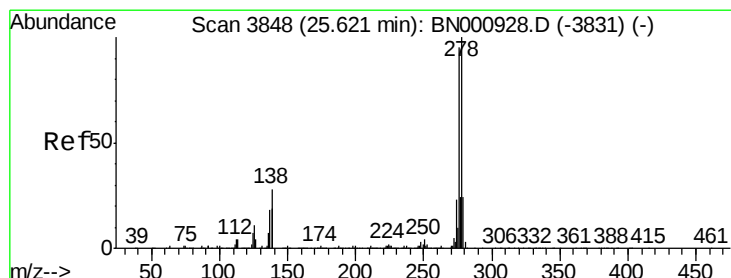
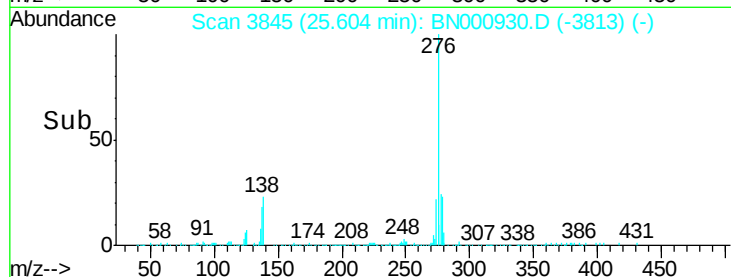
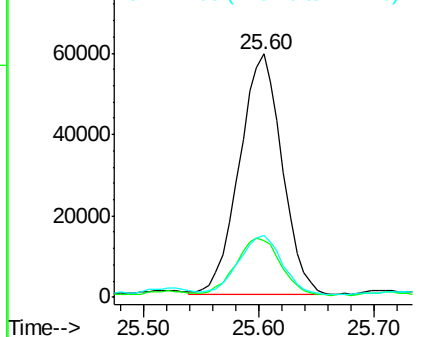
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	14.4	21.6#
277	25.1	18.0	27.0

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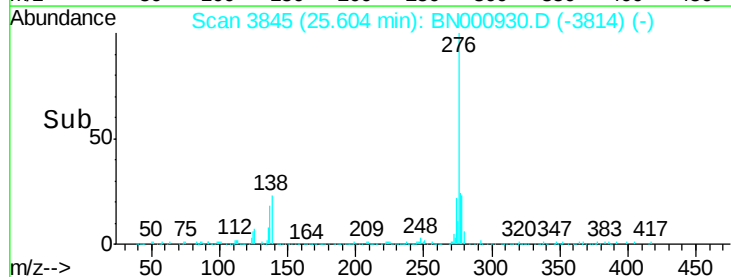
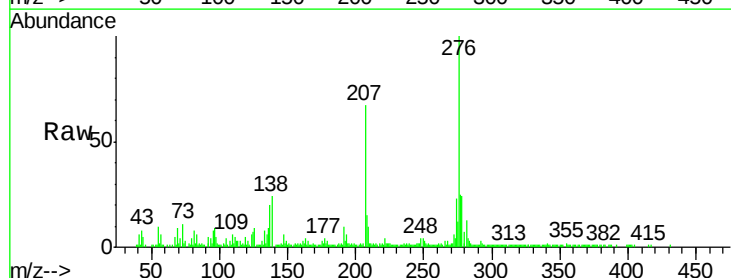
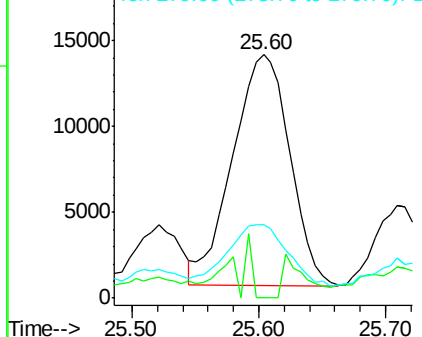
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

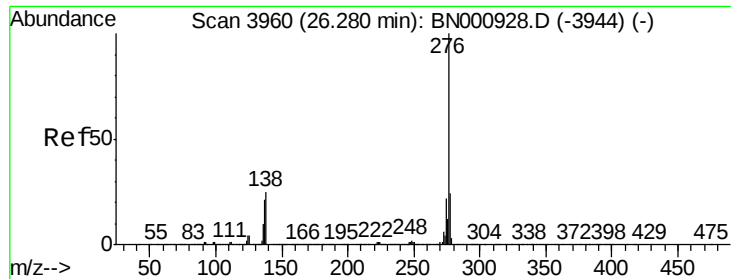


#28
 Dibenzo(a,h)anthracene
 Concen: 1.598 ng/ul
 RT: 25.60 min Scan# 3845
 Delta R.T. -0.02 min
 Lab File: BN000930.D
 Acq: 26 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	30.3	19.2	28.8#

Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#29

Benzo(g,h,i)perylene

Concen: 4.707 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BN000930.D

Acq: 26 Apr 2018 14:00

Instrument :

BNA_N

ClientSampleId :

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Tgt	Ion	276	Resp	124902
Ion	Ratio	Lower	Upper	
276	100			
138	26.8	15.3	22.9#	
277	25.0	19.0	28.4	

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