Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000898.D
Acq On : 25 Apr 2018 19:15
Operator : JU/SJ
Sample : J2485-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS29

Manual Integrations APPROVED
Sohil
4/26/2018 6:22:53 PM

Quant Time: Apr 26 08:13:15 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	133930	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	569823	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	286354	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	587202	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	566790	20.00	ng/ul	-0.01
22) Perylene-d12	23.40	264	592050	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	906854	32.97	ng/ul	0.00
10) Fluorene-d10	15.25	176	636356	34.67	ng/ul	0.00
14) Anthracene-d10	17.10	188	927291	34.53	ng/ul	0.00
18) Pyrene-d10	19.40	212	988435	34.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1070327	38.27	ng/ul	-0.01
Target Compounds						Qvalue
8) Acenaphthylene	13.97	152	27490	1.010	ng/ul	98
13) Phenanthrene	17.04	178	336305	10.501	ng/ul	99
16) Fluoranthene	19.06	202	525530	16.174	ng/ul#	91
19) Pyrene	19.43	202	376340	10.337	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	125431m	3.702	ng/ul	
21) Chrysene	21.24	228	228740m	7.183	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	310077m	9.216	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	93600m	2.843	ng/ul	
26) Benzo(a)pyrene	23.30	252	152678	4.748	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.56	276	136215	3.507	ng/ul#	88
29) Benzo(g,h,i)perylene	26.23	276	115504	3.556	ng/ul#	89

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

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ClientSampleId :
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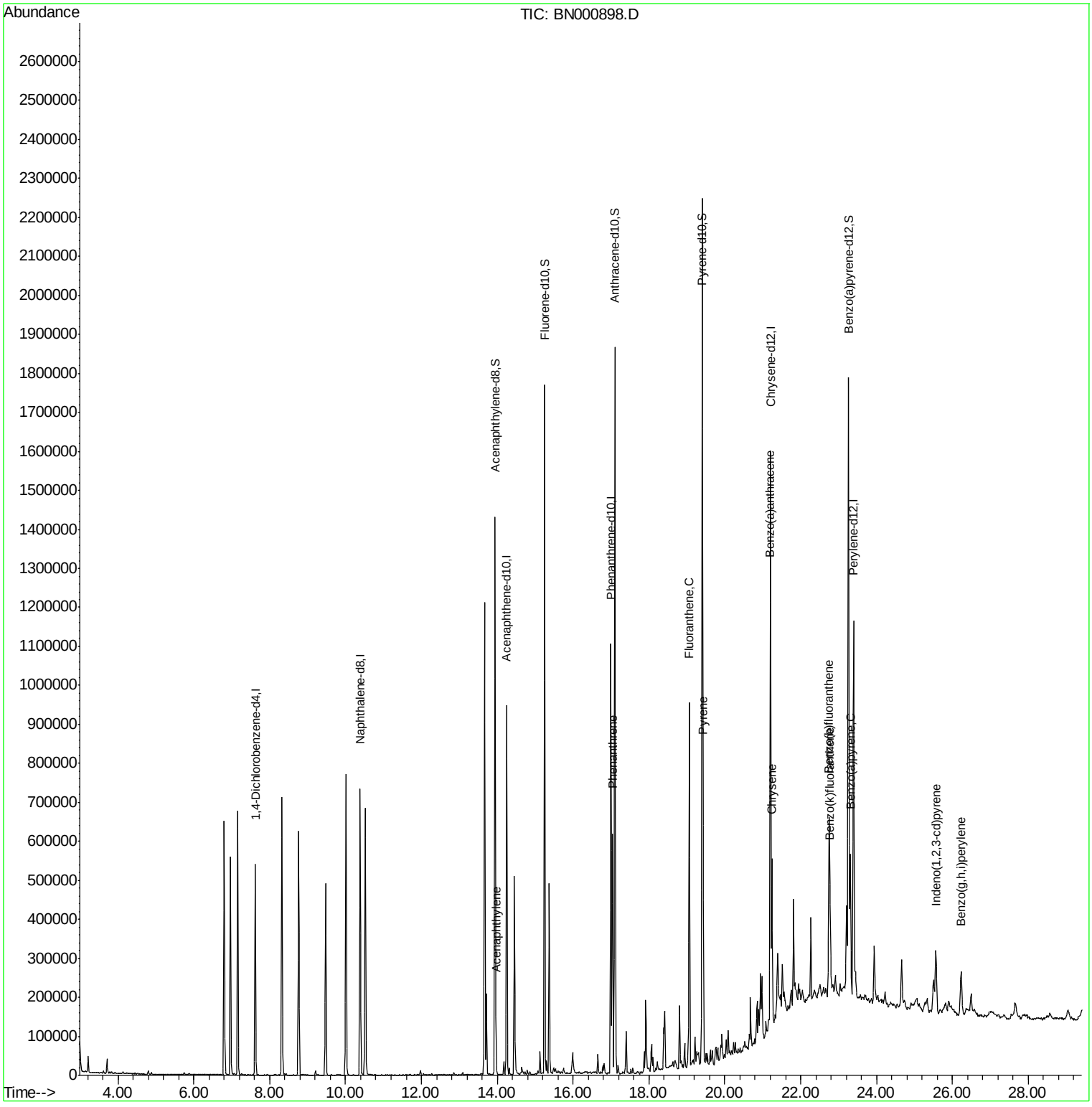
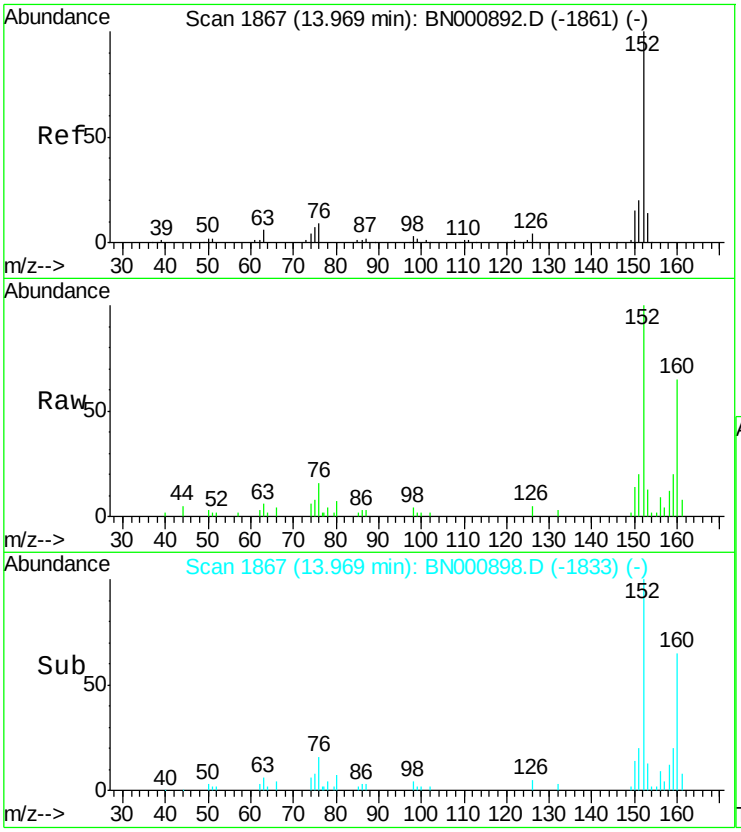
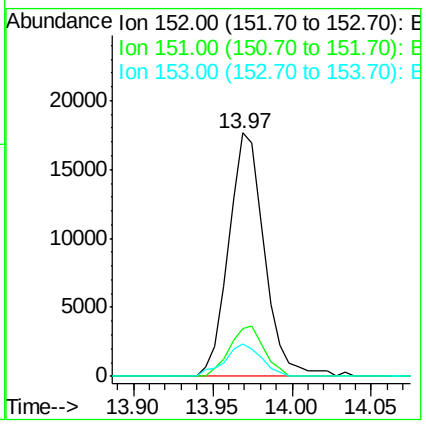




#8
Acenaphthylene
Concen: 1.010 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BN000898.D
Acq: 25 Apr 2018 19:15

Tgt Ion:152 Resp: 27490

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.7	25.1
153	13.2	10.2	15.4



Instrument :
BNA_N
ClientSampleId :
DAS29

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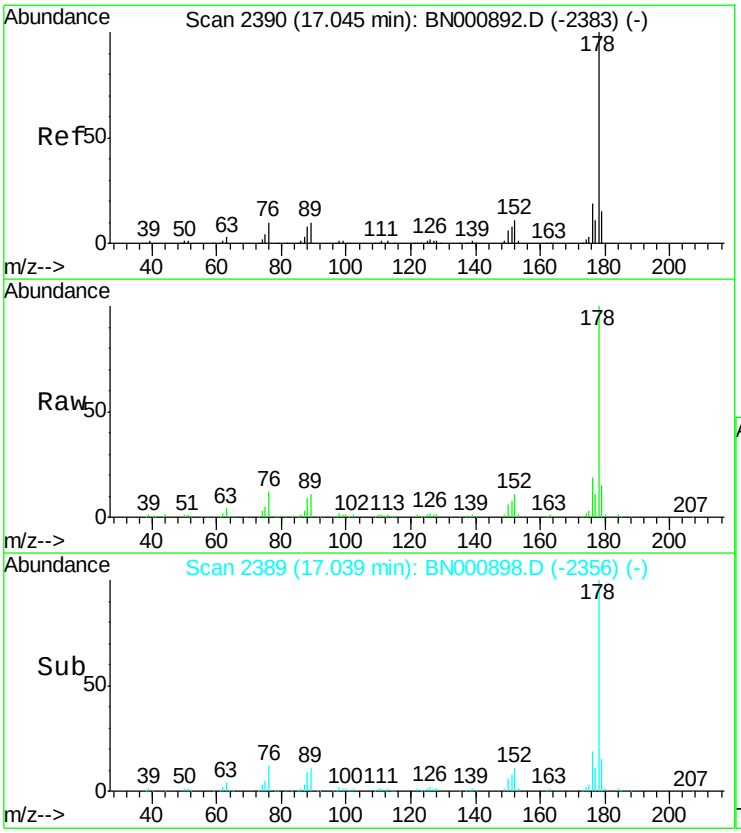
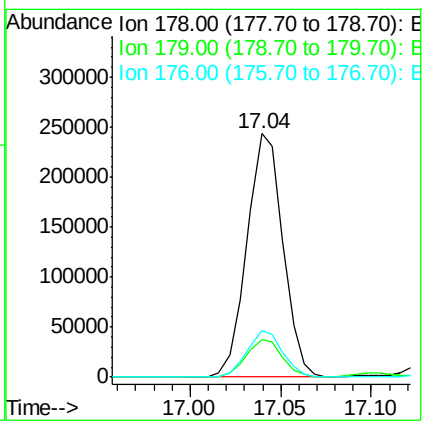
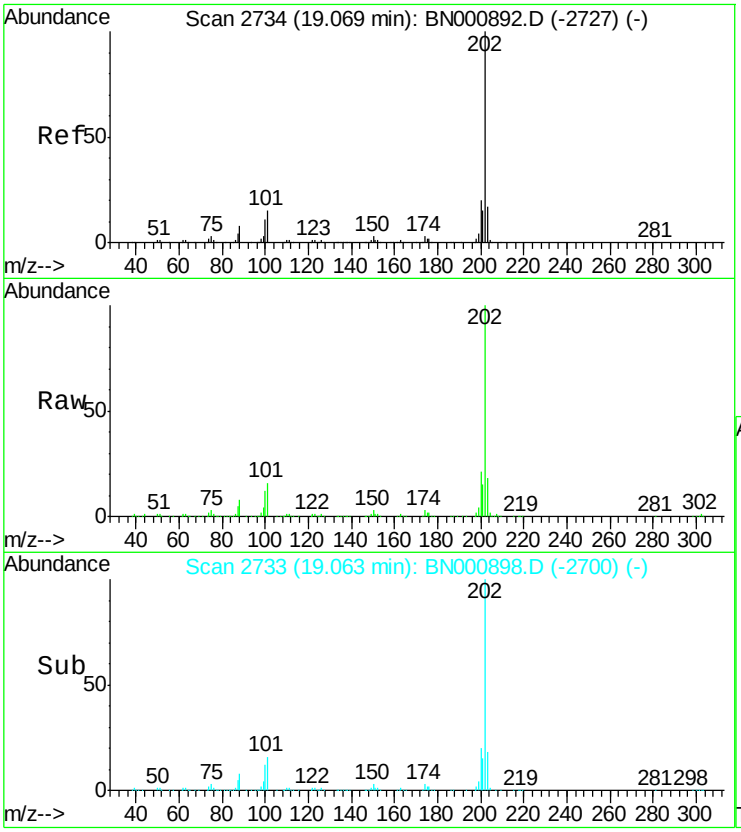


#13
Phenanthrene
Concen: 10.501 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN000898.D
Acq: 25 Apr 2018 19:15

Tgt Ion:178 Resp: 336305

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.1	15.1	22.7

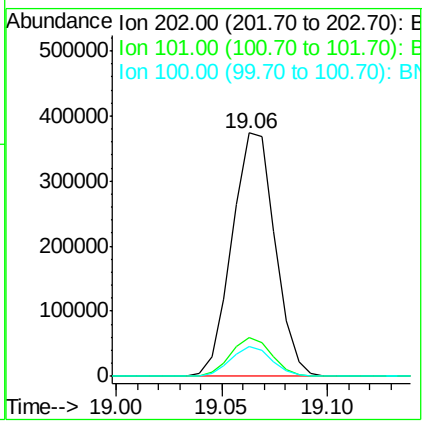




#16
Fluoranthene
Concen: 16.174 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BN000898.D
Acq: 25 Apr 2018 19:15

Tgt Ion:202 Resp: 525530

Ion	Ratio	Lower	Upper
202	100		
101	16.2	9.9	14.9#
100	12.0	7.4	11.0#



Instrument :
BNA_N
ClientSampleId :
DAS29

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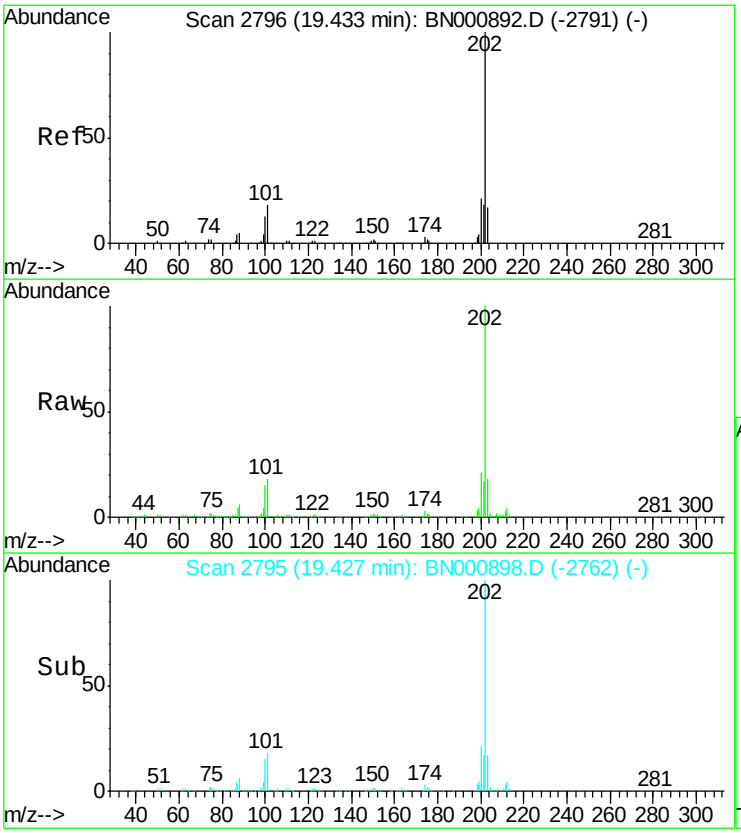
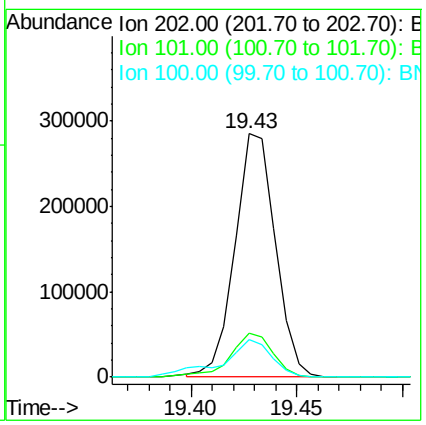
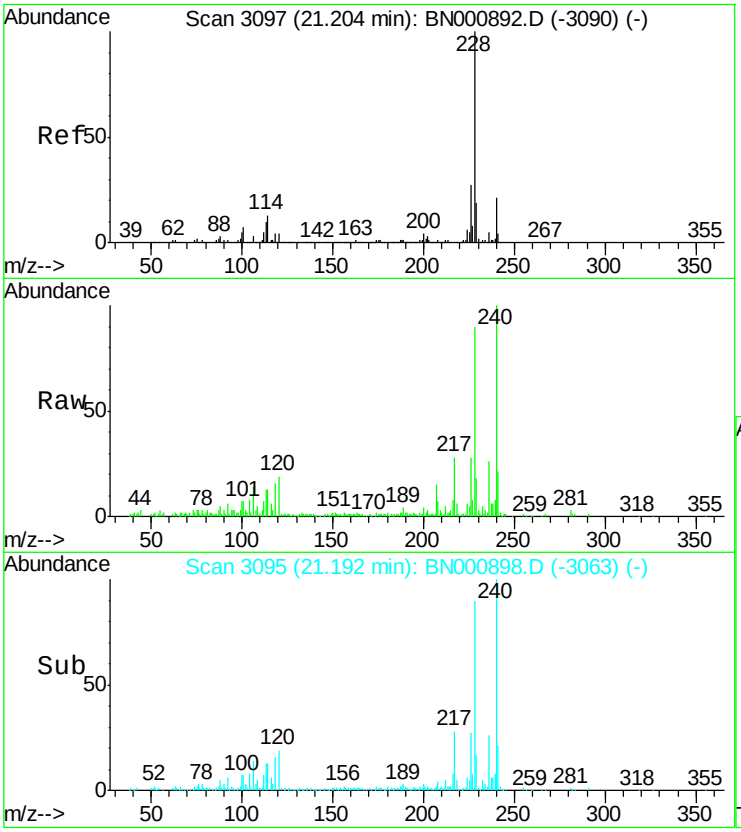


#19
Pyrene
Concen: 10.337 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BN000898.D
Acq: 25 Apr 2018 19:15

Tgt Ion:202 Resp: 376340

Ion	Ratio	Lower	Upper
202	100		
101	18.3	11.0	16.4#
100	15.3	8.1	12.1#

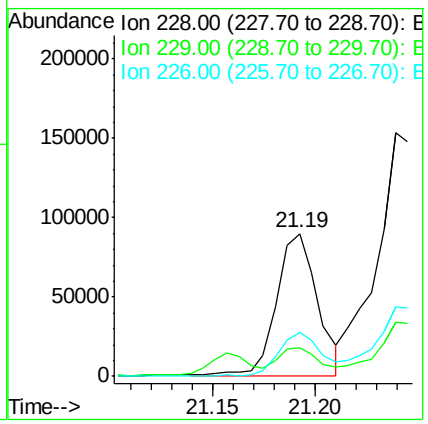




#20
Benzo(a)anthracene
Concen: 3.702 ng/ul m
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN000898.D
Acq: 25 Apr 2018 19:15

Tgt Ion:228 Resp: 125431

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	31.0	21.1	31.7



Instrument :
BNA_N
ClientSampleId :
DAS29

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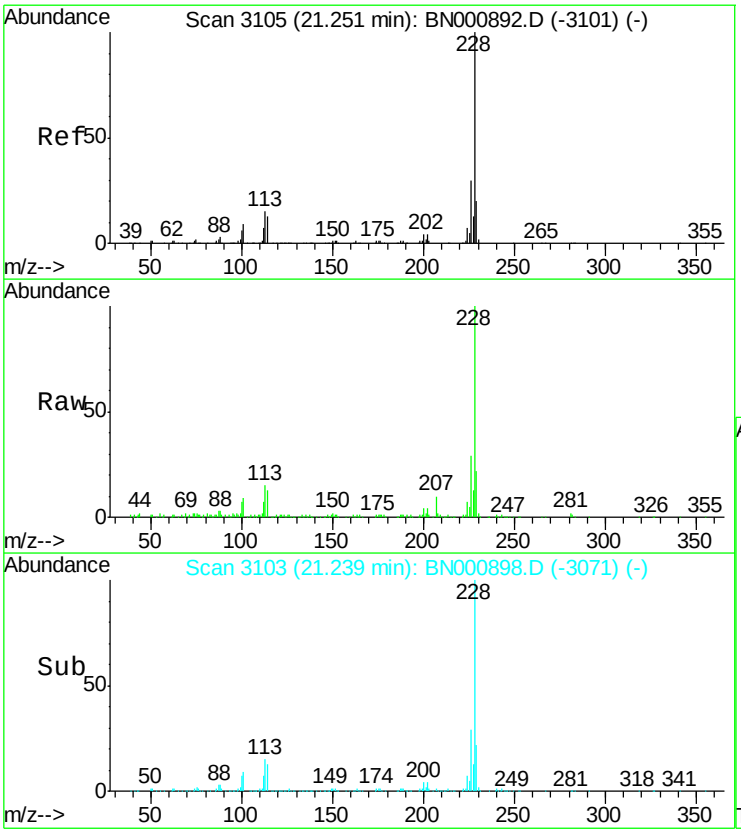
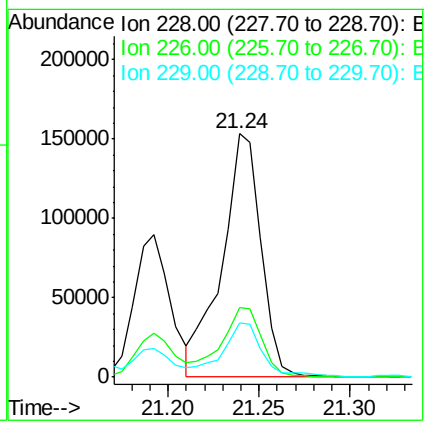
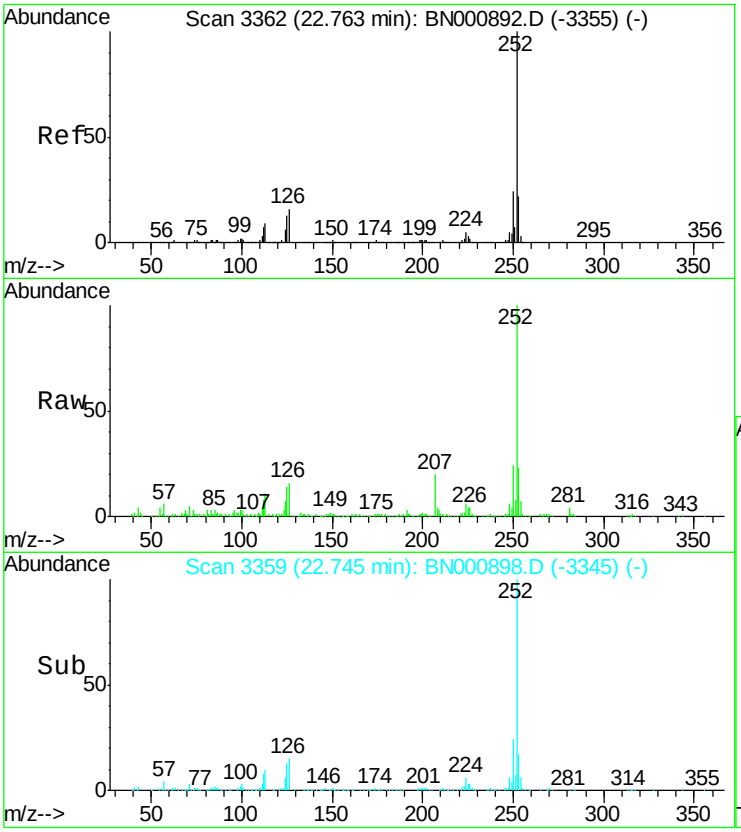


#21
Chrysene
Concen: 7.183 ng/ul m
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN000898.D
Acq: 25 Apr 2018 19:15

Tgt Ion:228 Resp: 228740

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.5	36.7
229	22.0	15.8	23.8

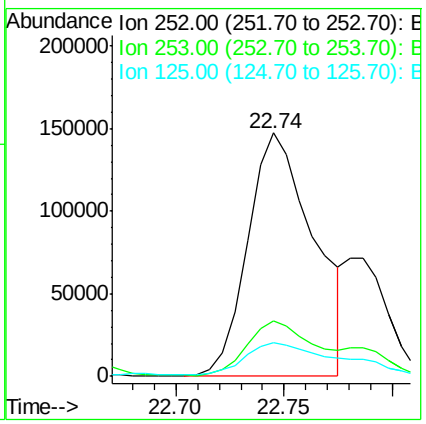




#23
Benzo(b)fluoranthene
Concen: 9.216 ng/ul m
RT: 22.74 min Scan# 3359
Delta R.T. -0.02 min
Lab File: BN000898.D
Acq: 25 Apr 2018 19:15

Tgt Ion:252 Resp: 310077

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	13.9	8.0	12.0#



Instrument :
BNA_N
ClientSampleId :
DAS29

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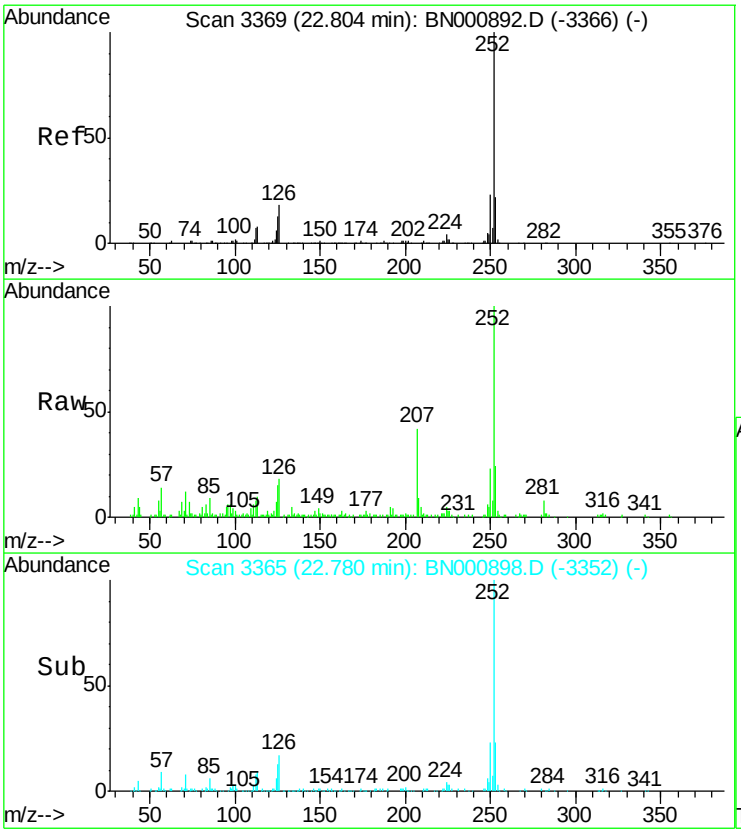
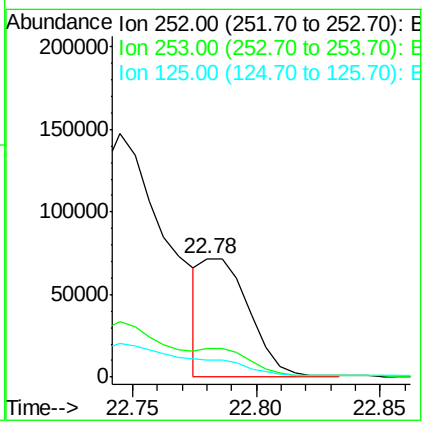
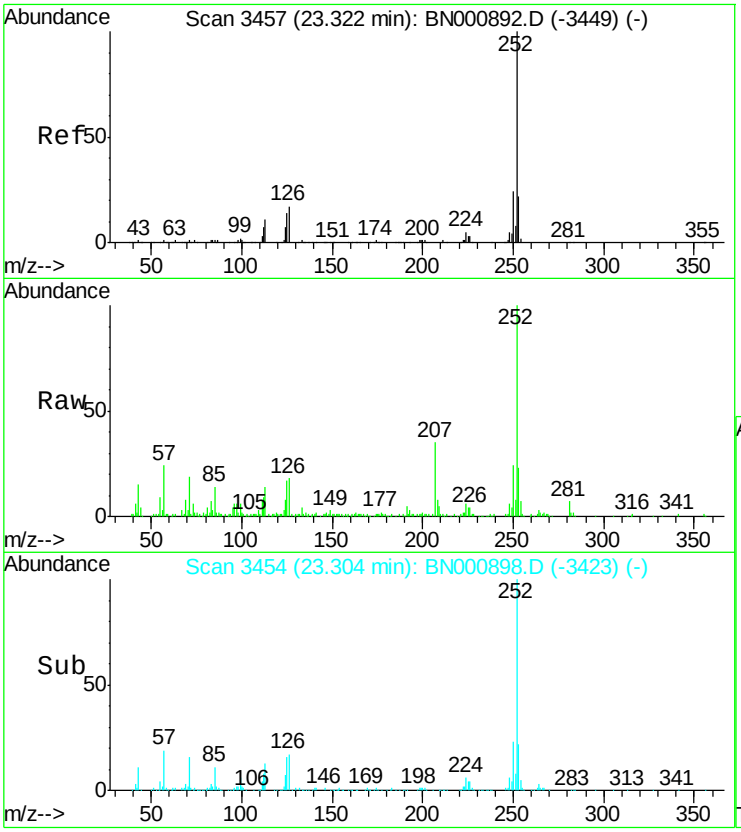


#24
Benzo(k)fluoranthene
Concen: 2.843 ng/ul m
RT: 22.78 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BN000898.D
Acq: 25 Apr 2018 19:15

Tgt Ion:252 Resp: 93600

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	14.7	8.1	12.1#





#26
Benzo(a)pyrene
Concen: 4.748 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.02 min
Lab File: BN000898.D
Acq: 25 Apr 2018 19:15

Tgt Ion:252 Resp: 152678

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	17.0	8.2	12.4#

Instrument :
BNA_N
ClientSampleId :
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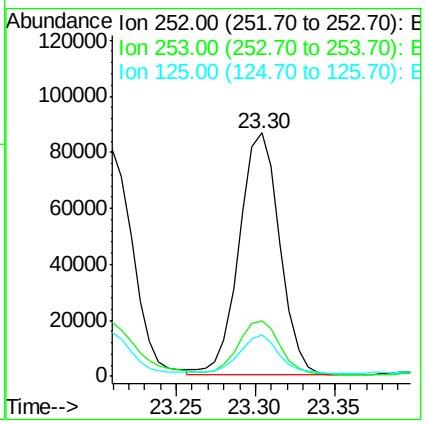
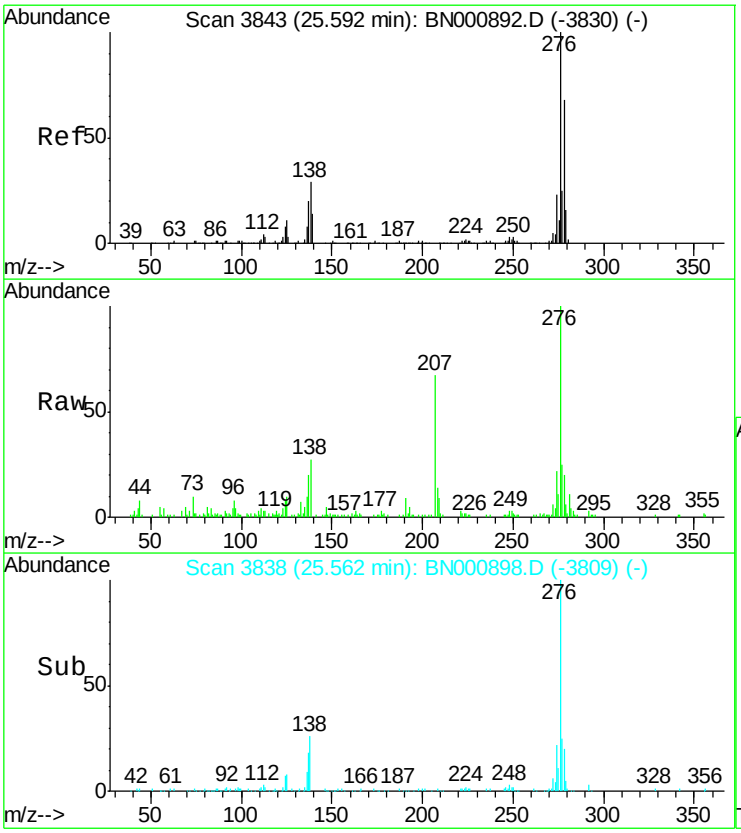
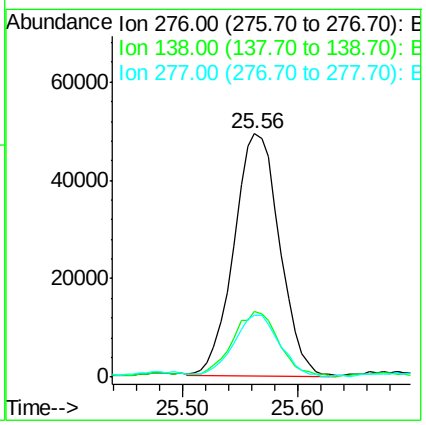


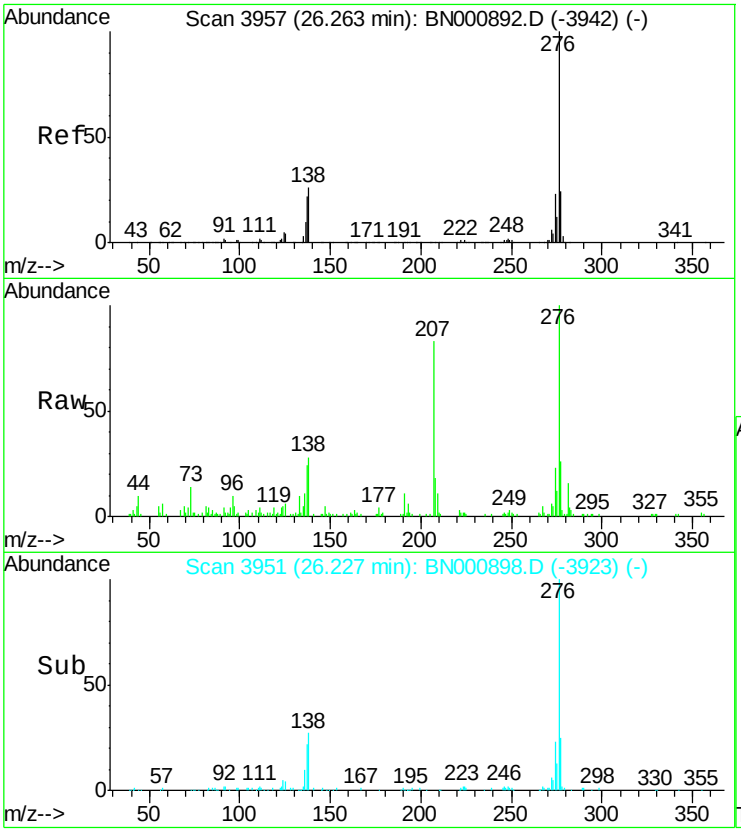


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.507 ng/ul
RT: 25.56 min Scan# 3838
Delta R.T. -0.03 min
Lab File: BN000898.D
Acq: 25 Apr 2018 19:15

Tgt Ion:276 Resp: 136215

Ion	Ratio	Lower	Upper
276	100		
138	27.0	14.4	21.6#
277	25.2	18.0	27.0

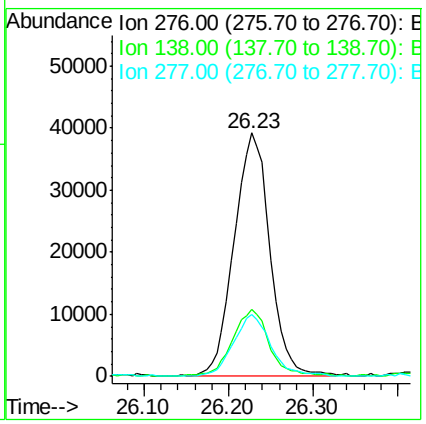




#29
Benzo(g,h,i)perylene
Concen: 3.556 ng/ul
RT: 26.23 min Scan# 3951
Delta R.T. -0.04 min
Lab File: BN000898.D
Acq: 25 Apr 2018 19:15

Tgt Ion:276 Resp: 115504

Ion	Ratio	Lower	Upper
276	100		
138	27.6	15.3	22.9#
277	25.6	19.0	28.4



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