Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001082.D
Acq On : 02 May 2018 21:54
Operator : JU/SJ
Sample : J2527-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS89

Manual Integrations APPROVED
Sohil
5/3/2018 4:25:06 PM

Quant Time: May 03 08:39:51 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 08:25:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	136903	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	597993	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	303021	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	556778	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	438554	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	447378	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	680243	23.37	ng/ul	0.00
10) Fluorene-d10	15.25	176	457782	23.57	ng/ul	0.00
14) Anthracene-d10	17.10	188	620726	24.38	ng/ul	0.00
18) Pyrene-d10	19.41	212	577778	25.71	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	555642	26.29	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.43	128	32921	1.092	ng/ul	98
13) Phenanthrene	17.05	178	59498	1.959	ng/ul	98
16) Fluoranthene	19.07	202	111339	3.614	ng/ul#	91
19) Pyrene	19.43	202	101358	3.598	ng/ul#	87
20) Benzo(a)anthracene	21.20	228	72807m	2.777	ng/ul	
21) Chrysene	21.25	228	81571m	3.310	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	162119m	6.376	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	42309m	1.701	ng/ul	
26) Benzo(a)pyrene	23.32	252	87661	3.608	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.59	276	67170	2.289	ng/ul#	89
29) Benzo(g,h,i)perylene	26.26	276	66222	2.698	ng/ul#	93

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

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Instrument :
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ClientSampleId :
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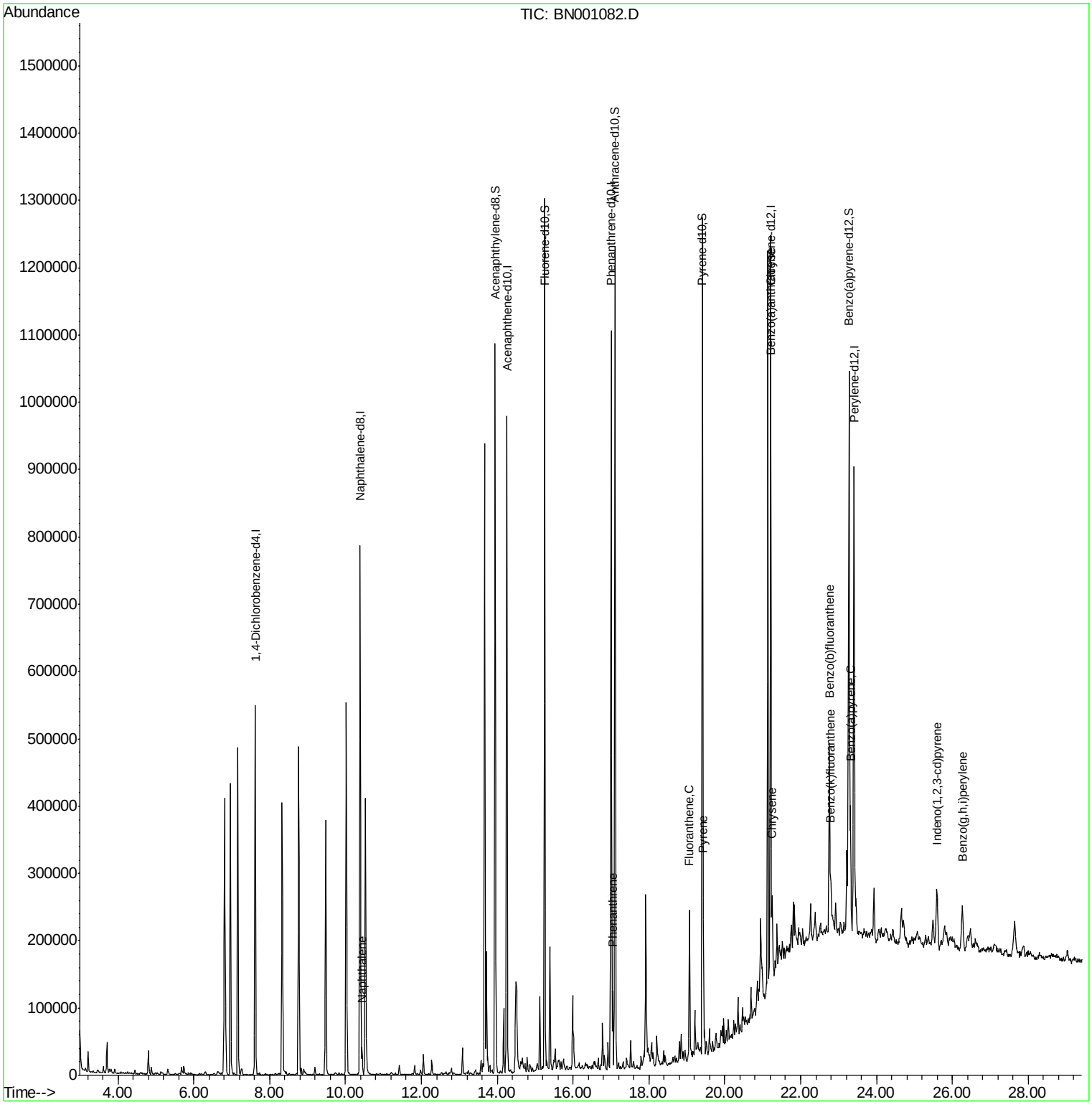
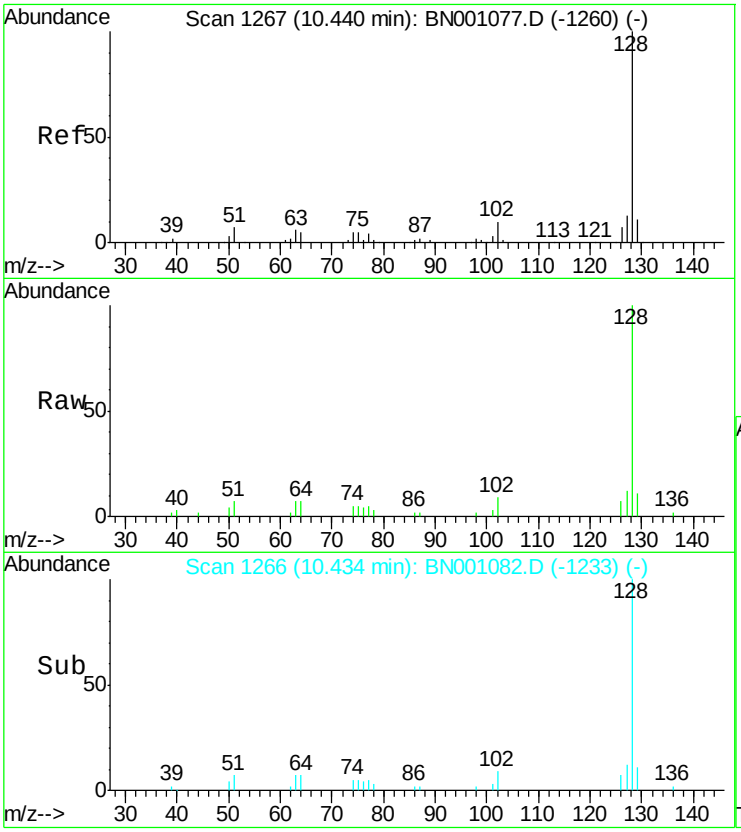
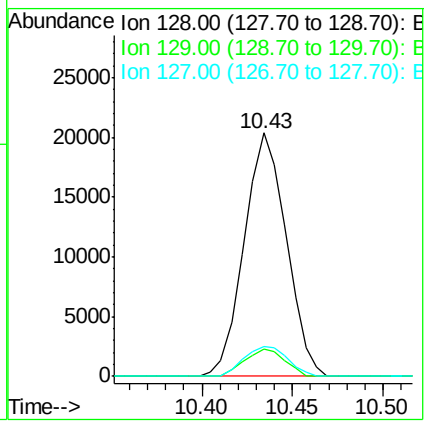




#3
Naphthalene
Concen: 1.092 ng/ul
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BN001082.D
Acq: 02 May 2018 21:54

Tgt Ion:128 Resp: 32921

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.2	10.6	16.0



Instrument :
BNA_N
ClientSampleId :
DAS89

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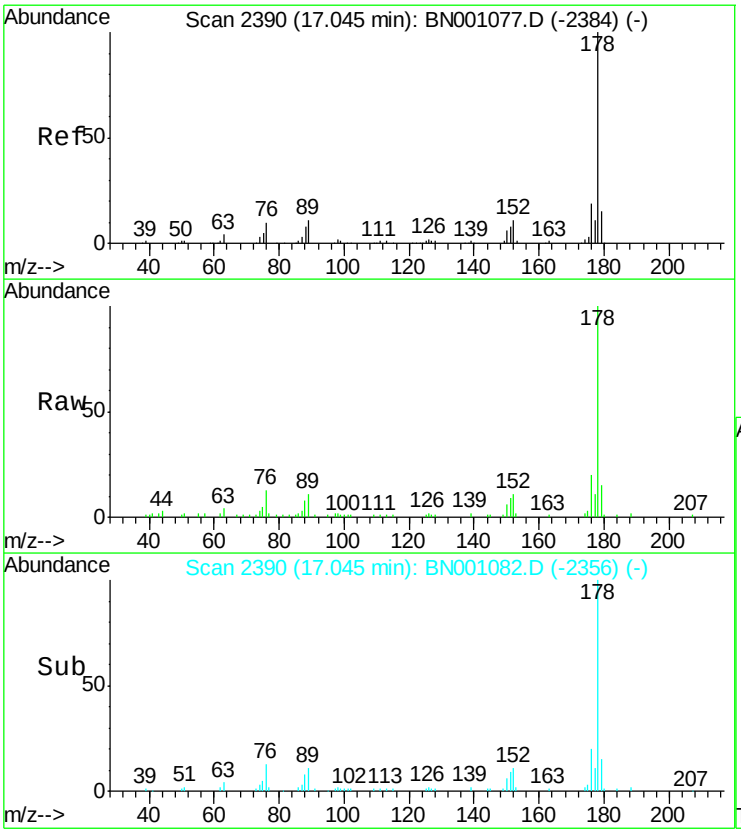
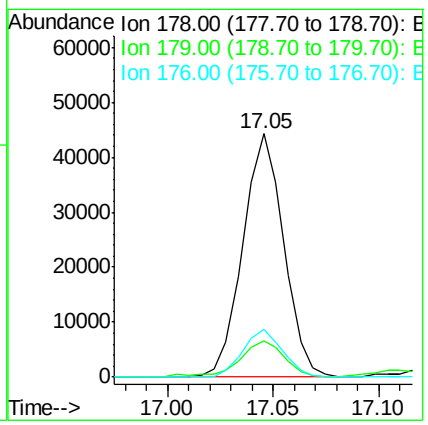
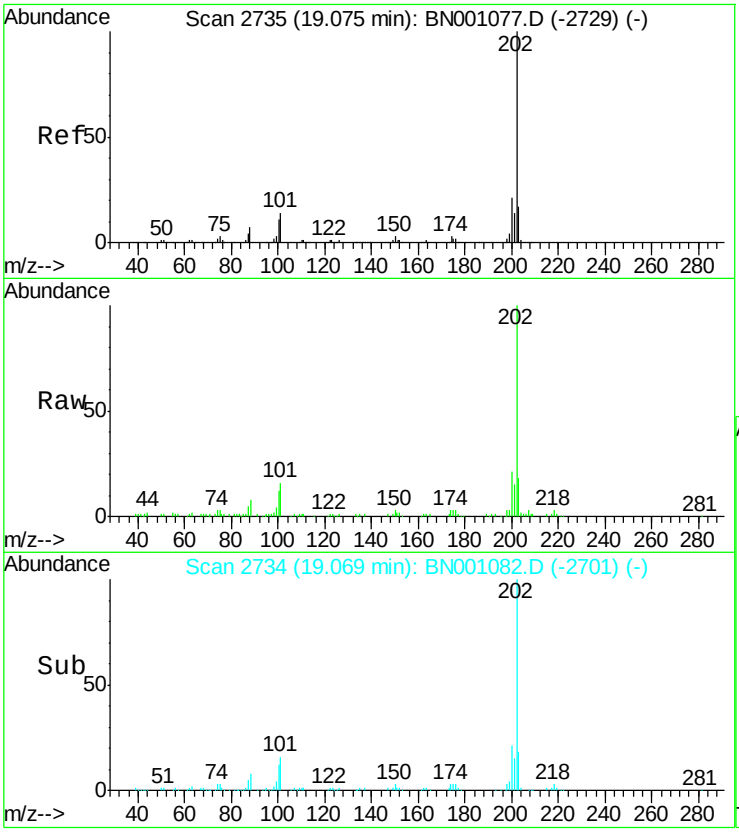


#13
Phenanthrene
Concen: 1.959 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BN001082.D
Acq: 02 May 2018 21:54

Tgt Ion:178 Resp: 59498

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	19.7	15.1	22.7





#16
Fluoranthene
Concen: 3.614 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BN001082.D
Acq: 02 May 2018 21:54

Tgt Ion:202 Resp: 111339

Ion	Ratio	Lower	Upper
202	100		
101	15.9	9.9	14.9#
100	12.1	7.4	11.0#

Instrument :
BNA_N
ClientSampleId :
DAS89

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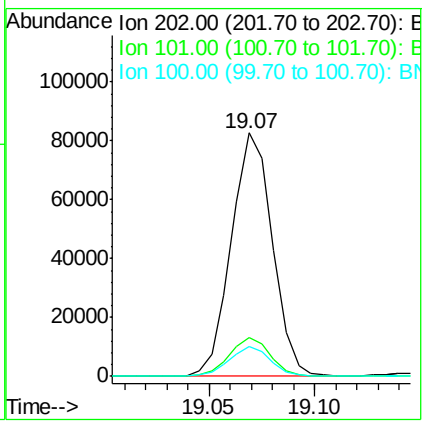
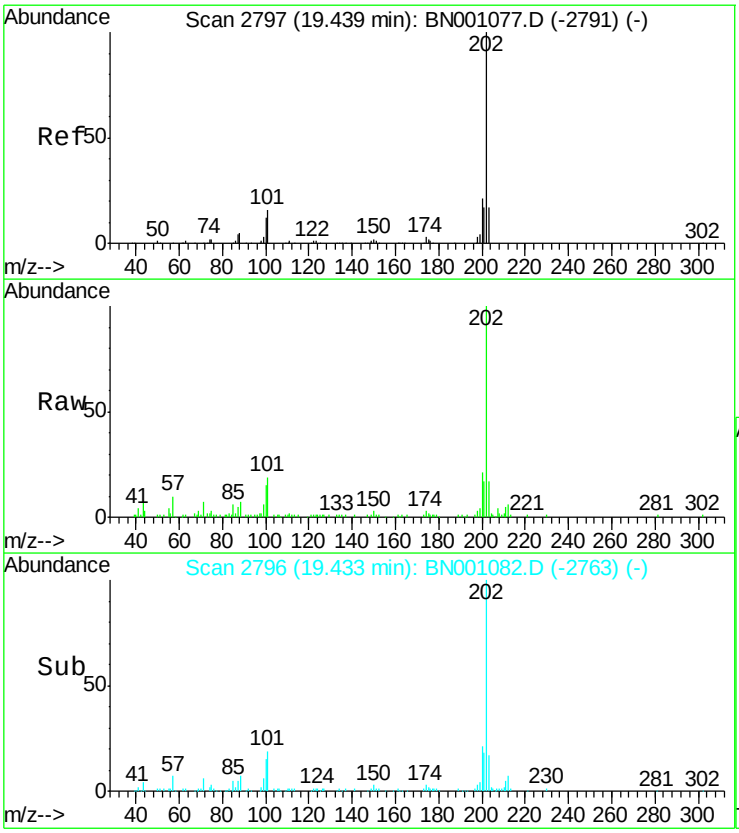
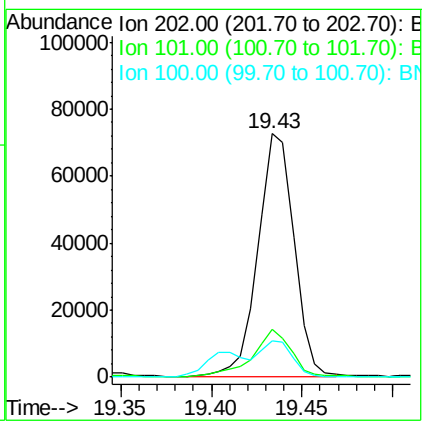


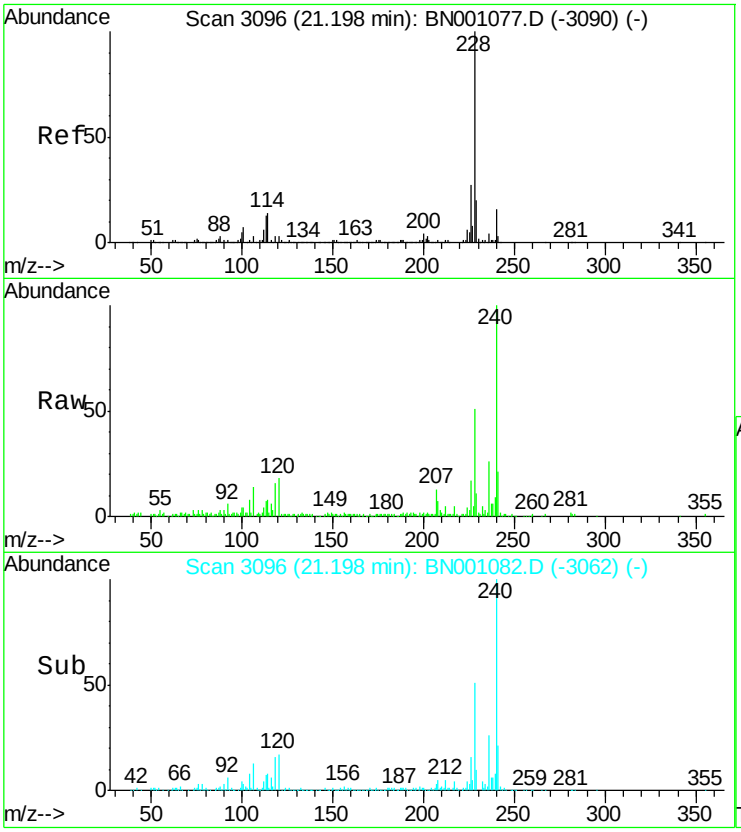


#19
Pyrene
Concen: 3.598 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BN001082.D
Acq: 02 May 2018 21:54

Tgt Ion:202 Resp: 101358

Ion	Ratio	Lower	Upper
202	100		
101	19.4	11.0	16.4#
100	14.7	8.1	12.1#





#20
Benzo(a)anthracene
Concen: 2.777 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN001082.D
Acq: 02 May 2018 21:54

Tgt Ion:228 Resp: 72807

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.7	23.5
226	32.5	21.1	31.7#

Instrument :
BNA_N
ClientSampleId :
DAS89

Manual Integrations APPROVED
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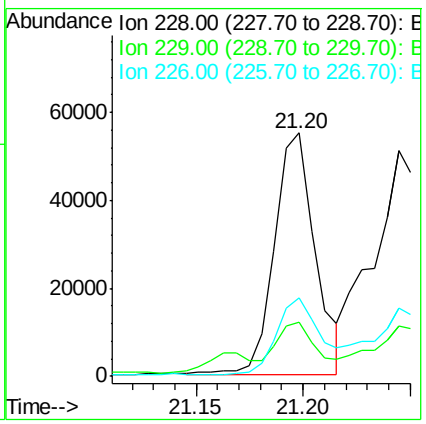
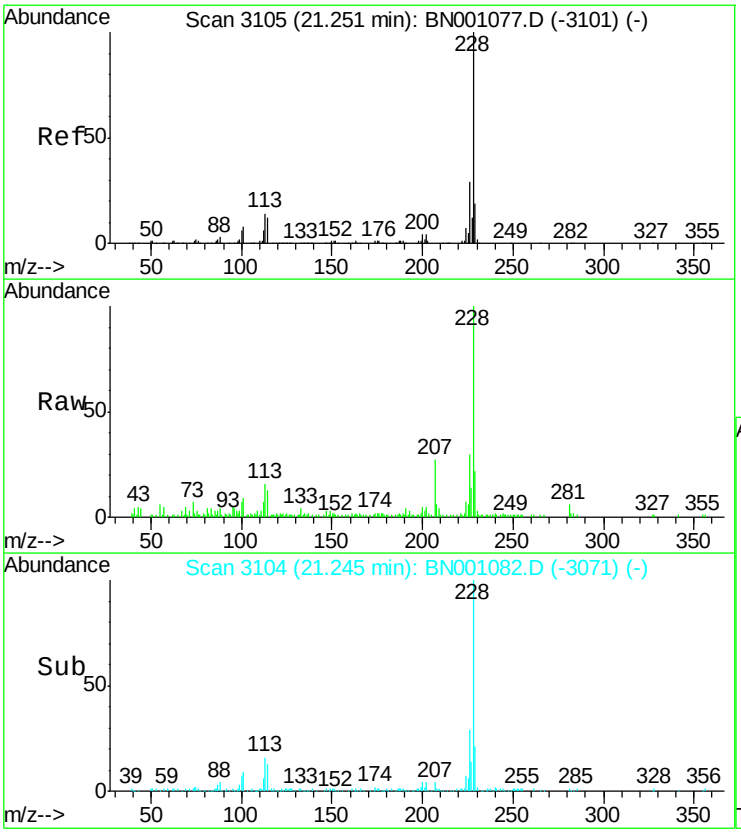
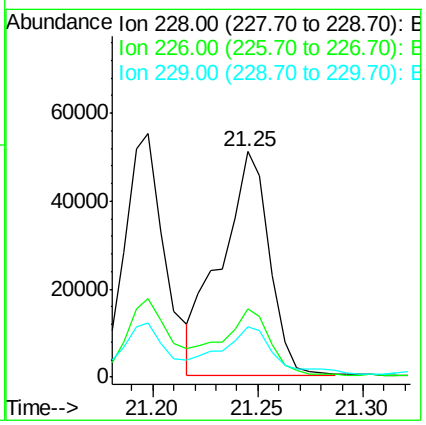


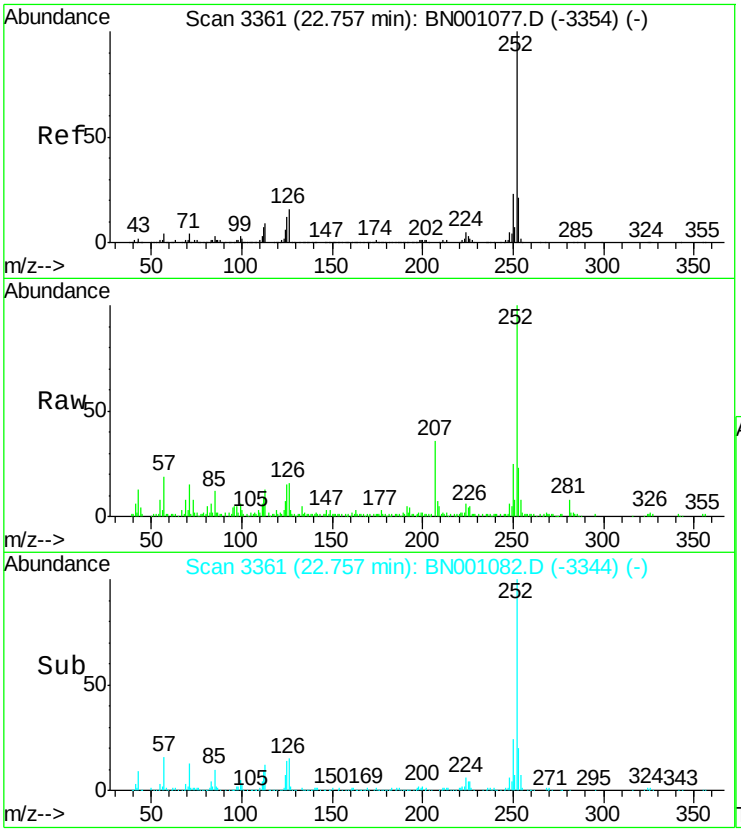


#21
Chrysene
Concen: 3.310 ng/ul m
RT: 21.25 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN001082.D
Acq: 02 May 2018 21:54

Tgt Ion:228 Resp: 81571

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	22.3	15.8	23.8





#23
Benzo(b)fluoranthene
Concen: 6.376 ng/ul m
RT: 22.76 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BN001082.D
Acq: 02 May 2018 21:54

Tgt Ion:252 Resp: 162119

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.6	8.0	12.0#

Instrument :
BNA_N
ClientSampleId :
DAS89

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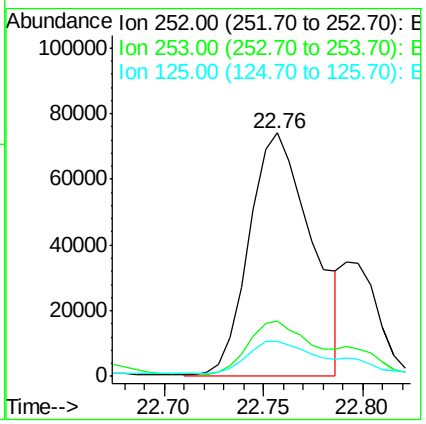
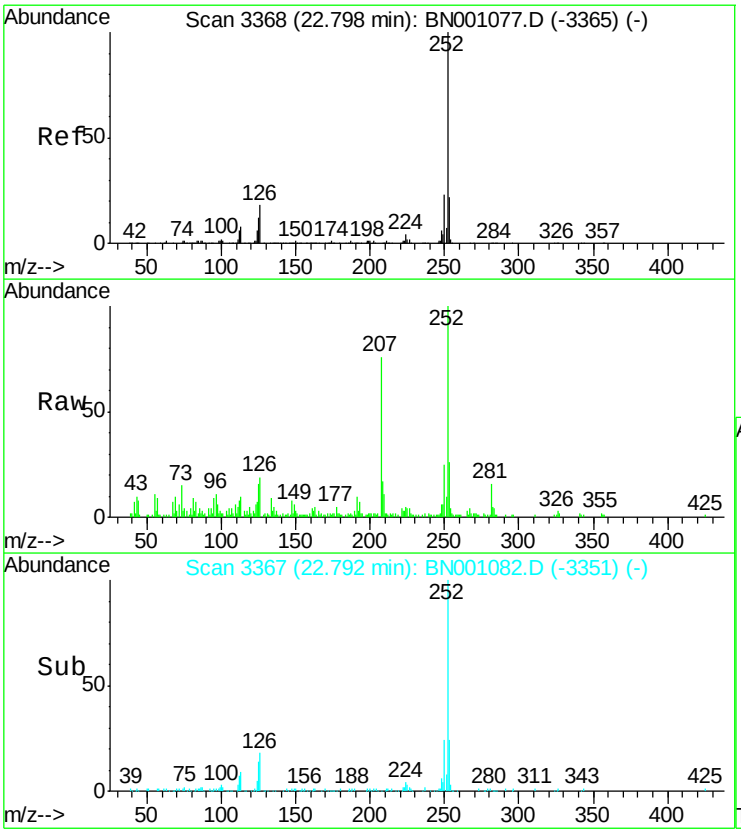
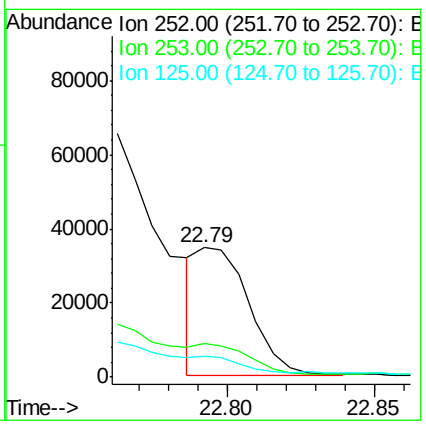


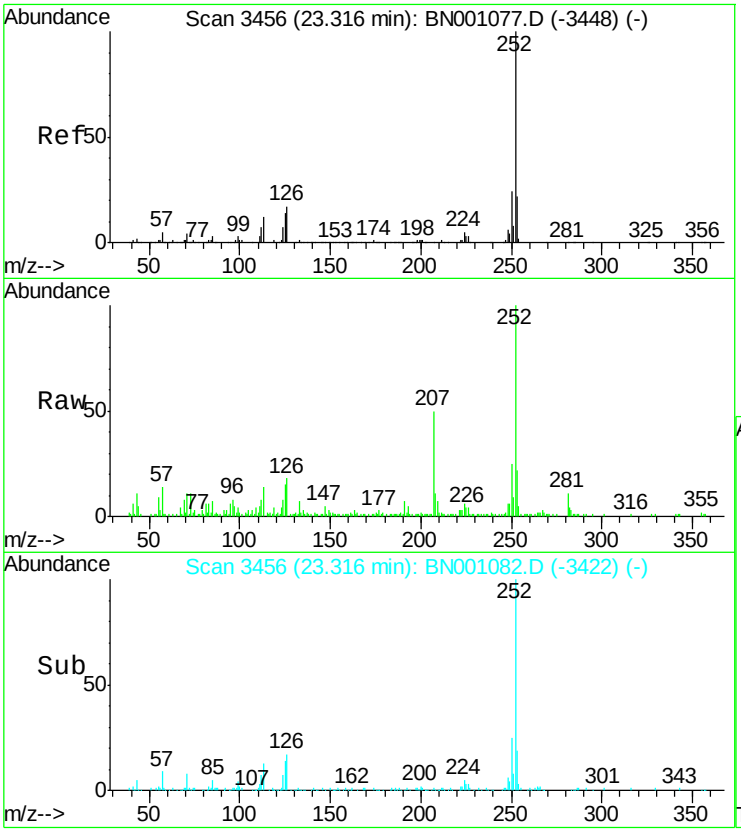


#24
Benzo(k)fluoranthene
Concen: 1.701 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BN001082.D
Acq: 02 May 2018 21:54

Tgt Ion:252 Resp: 42309

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.0	27.0
125	16.3	8.1	12.1#





#26
Benzo(a)pyrene
Concen: 3.608 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BN001082.D
Acq: 02 May 2018 21:54

Tgt Ion:252 Resp: 87661

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	15.1	8.2	12.4#

Instrument :
BNA_N
ClientSampleId :
DAS89

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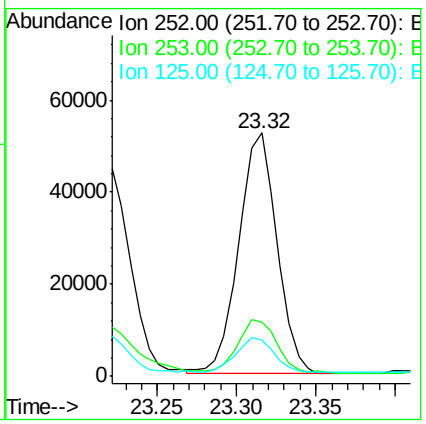
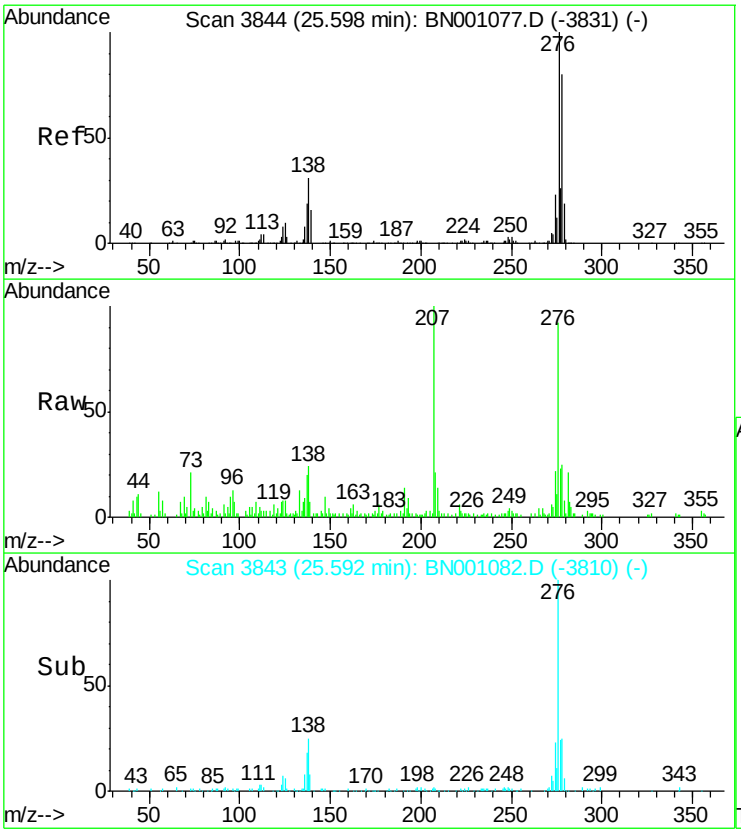
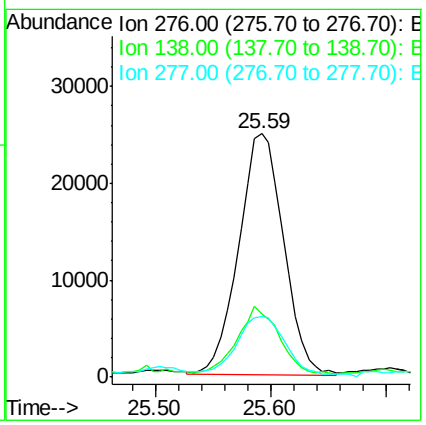


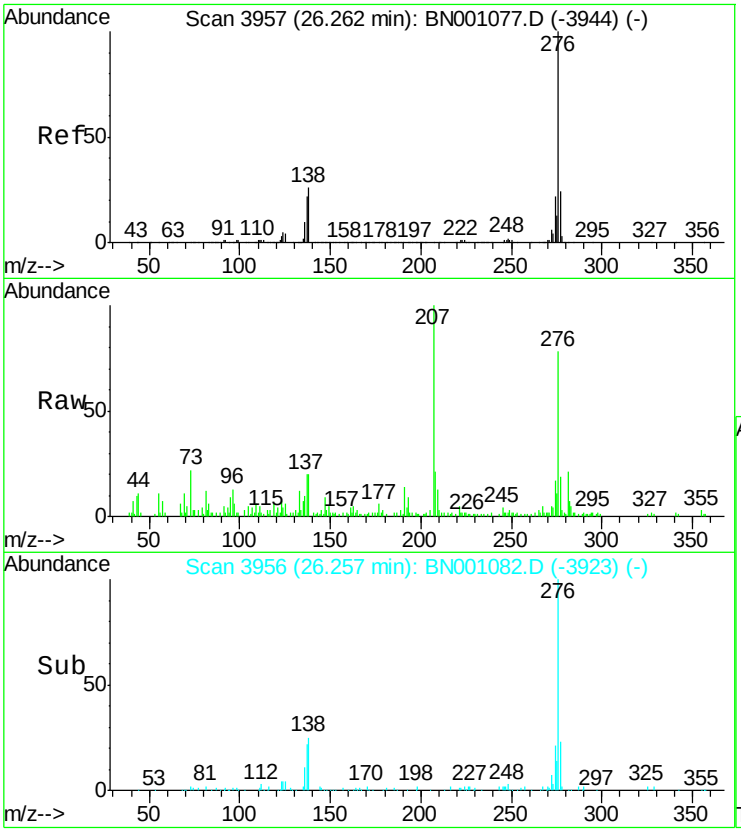


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.289 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BN001082.D
Acq: 02 May 2018 21:54

Tgt Ion:276 Resp: 67170

Ion	Ratio	Lower	Upper
276	100		
138	25.9	14.4	21.6#
277	24.7	18.0	27.0

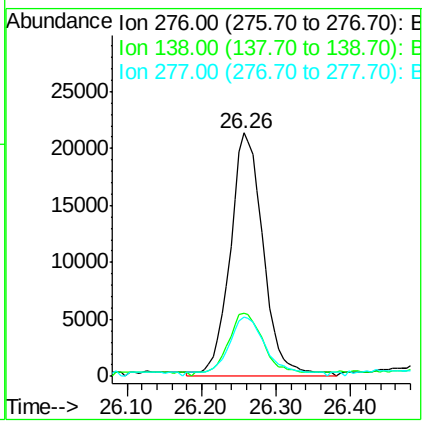




#29
Benzo(g,h,i)perylene
Concen: 2.698 ng/ul
RT: 26.26 min Scan# 3956
Delta R.T. -0.01 min
Lab File: BN001082.D
Acq: 02 May 2018 21:54

Tgt Ion:276 Resp: 66222

Ion	Ratio	Lower	Upper
276	100		
138	25.8	15.3	22.9#
277	24.4	19.0	28.4



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