

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000874.D
 Acq On : 25 Apr 2018 04:56
 Operator : JU/SJ
 Sample : J2487-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS49

Manual Integrations
 APPROVED

Sohil
 4/25/2018 4:36:50 PM

Quant Time: Apr 25 08:45:53 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 08:30:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	173718	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	752417	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	368390	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	692222	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	601372	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	634403	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	925244	26.15	ng/ul	0.00
10) Fluorene-d10	15.25	176	621015	26.30	ng/ul	0.00
14) Anthracene-d10	17.10	188	835893	26.41	ng/ul	0.00
18) Pyrene-d10	19.40	212	825468	26.79	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	869357	29.01	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	111528	2.954	ng/ul	100
16) Fluoranthene	19.06	202	293979	7.675	ng/ul#	93
19) Pyrene	19.43	202	249296	6.454	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	154329m	4.293	ng/ul	
21) Chrysene	21.24	228	145506m	4.306	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	214299m	5.944	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	65297m	1.851	ng/ul	
26) Benzo(a)pyrene	23.30	252	139726	4.055	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.55	276	97173	2.335	ng/ul#	88
29) Benzo(g,h,i)perylene	26.22	276	88608	2.546	ng/ul#	89

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

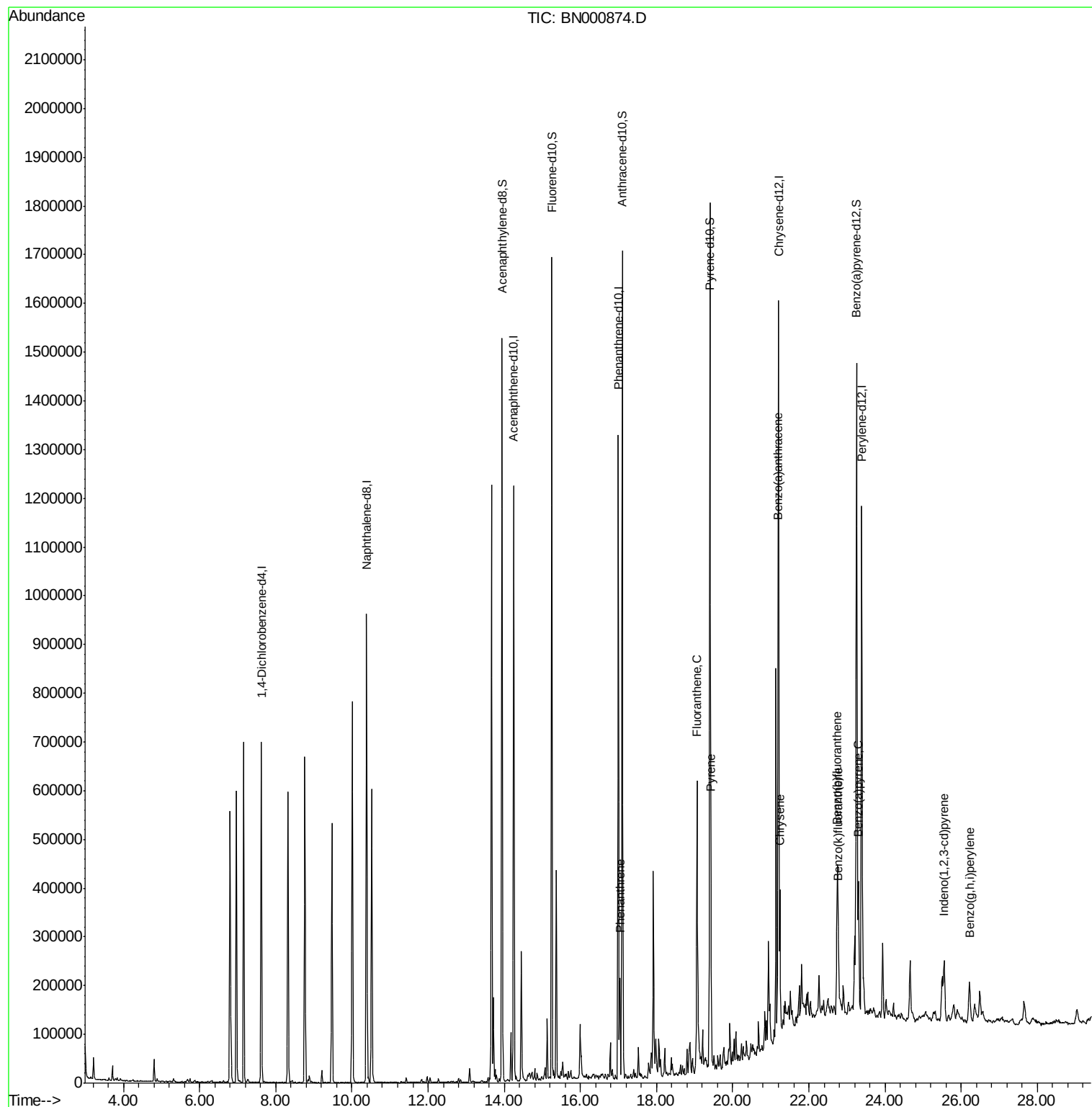
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000874.D
Acq On : 25 Apr 2018 04:56
Operator : JU/SJ
Sample : J2487-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

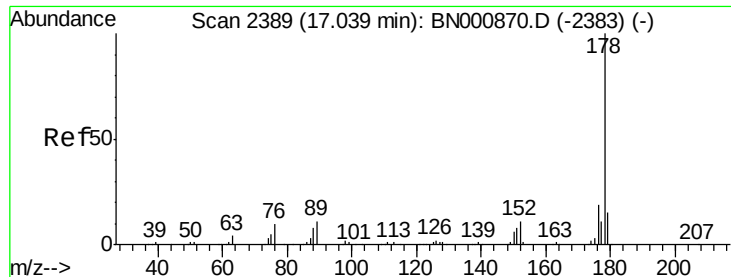
Instrument :
BNA_N
ClientSampled :
DAS49

Manual Integrations
APPROVED

Sohil
4/25/2018 4:36:50 PM

Quant Time: Apr 25 08:45:53 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 08:30:17 2018
Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.954 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BN000874.D

Acq: 25 Apr 2018 04:56

Instrument :

BNA_N

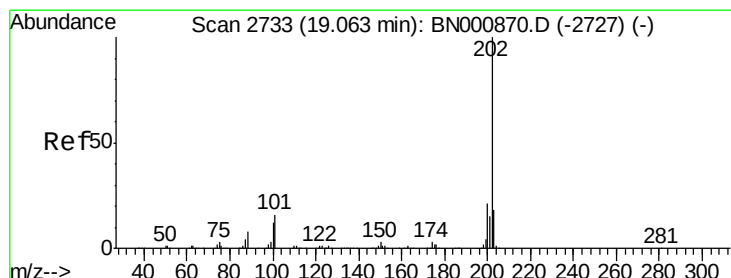
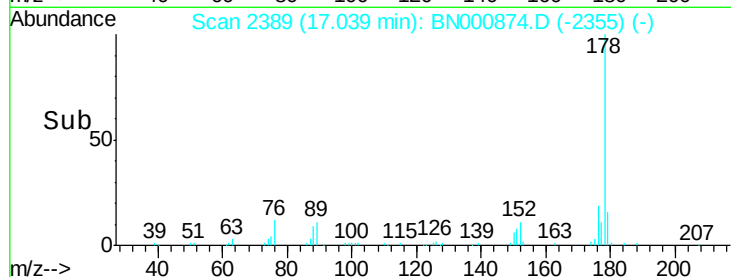
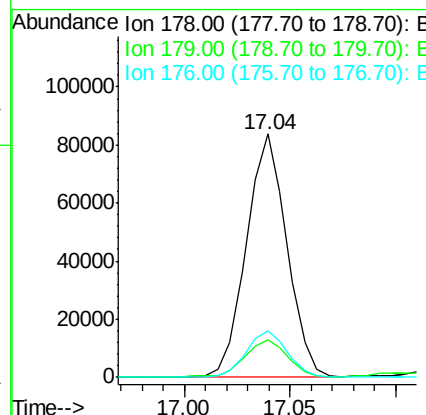
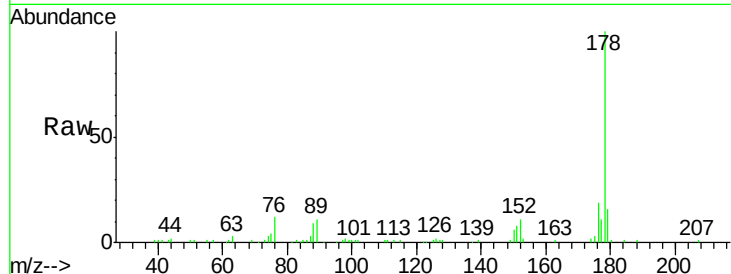
ClientSampled :

DAS49

Tot Ion:	178	Resp:	111528
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	19.0	15.1	22.7

Manual Integrations
APPROVED

Sohil
4/25/2018 4:36:50 PM



#16

Fluoranthene

Concen: 7.675 ng/ul

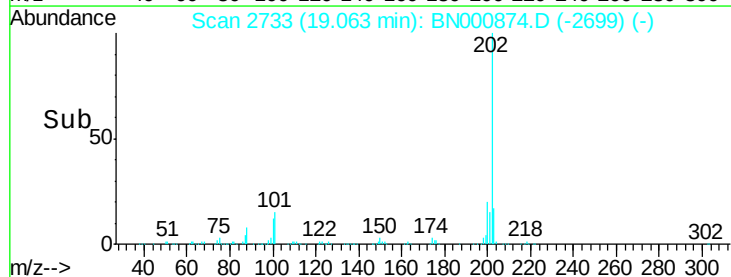
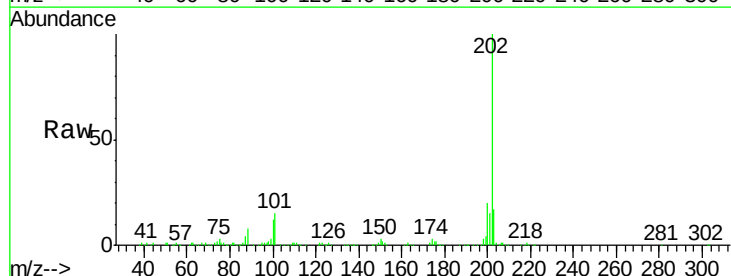
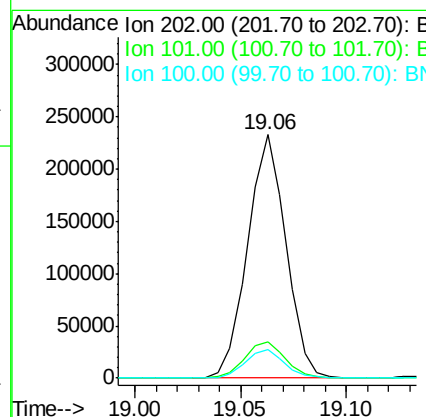
RT: 19.06 min Scan# 2733

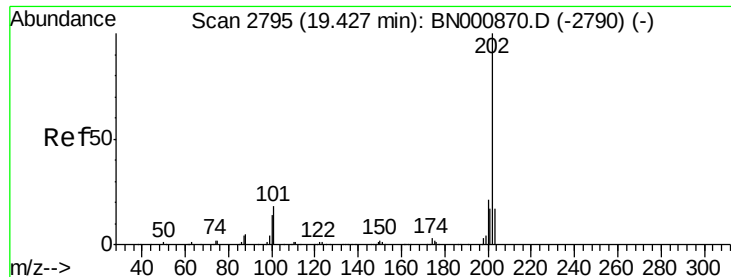
Delta R.T. -0.00 min

Lab File: BN000874.D

Acq: 25 Apr 2018 04:56

Tgt Ion:	202	Resp:	293979
Ion Ratio	Lower	Upper	
202	100		
101	15.1	9.9	14.9#
100	11.7	7.4	11.0#





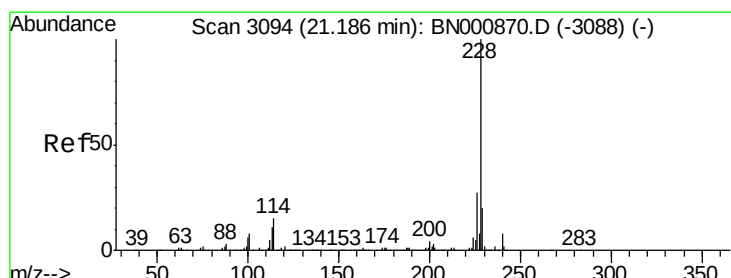
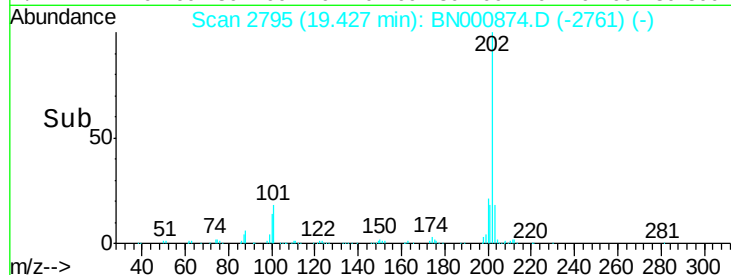
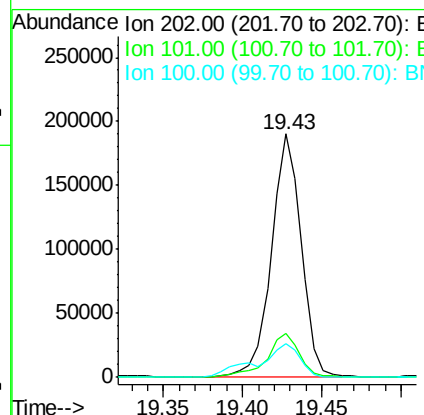
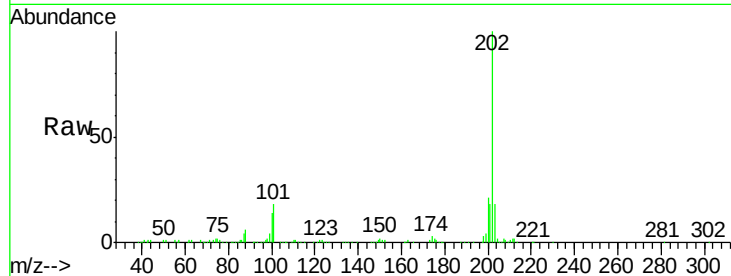
#19
Pvrene
Concen: 6.454 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BN000874.D
Acq: 25 Apr 2018 04:56

Instrument :
BNA_N
ClientSampled :
DAS49

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	17.9	11.0	16.4#
100	13.9	8.1	12.1#

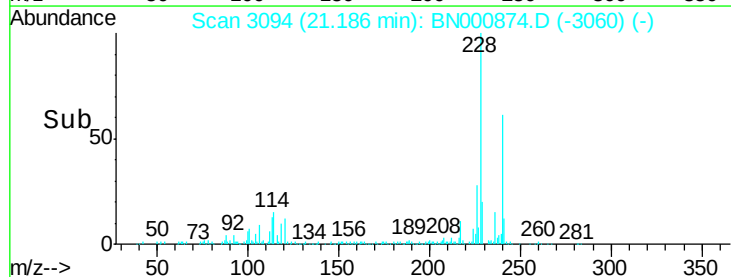
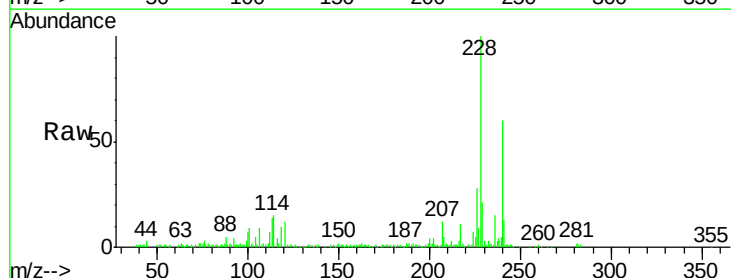
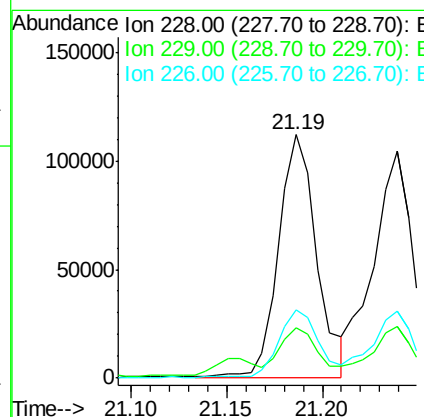
Manual Integrations
APPROVED

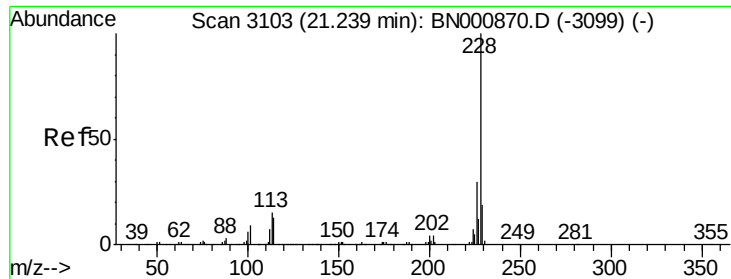
Sohil
4/25/2018 4:36:50 PM



#20
Benzo(a)anthracene
Concen: 4.293 ng/ul m
RT: 21.19 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BN000874.D
Acq: 25 Apr 2018 04:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.9	21.1	31.7





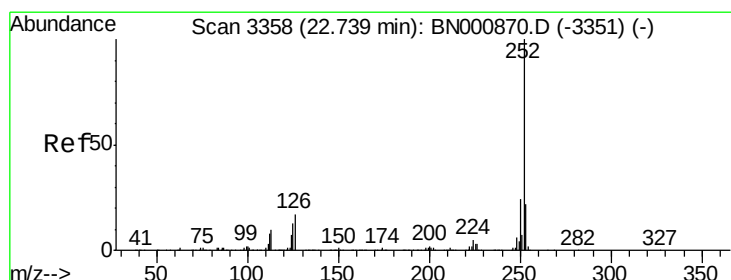
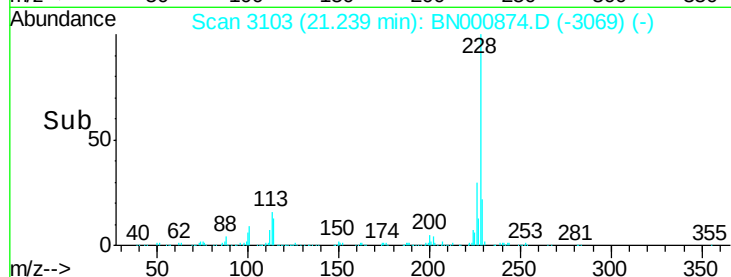
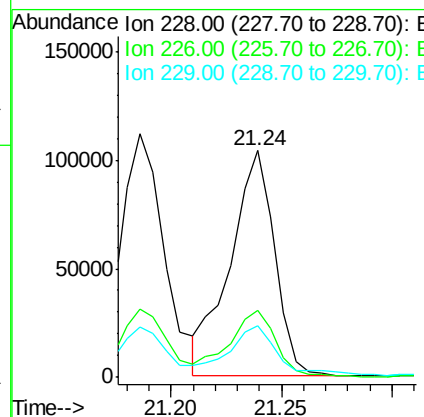
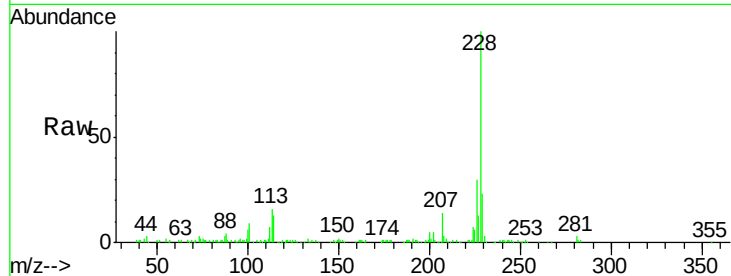
#21
Chrysene
Concen: 4.306 ng/ul m
RT: 21.24 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BN000874.D
Acq: 25 Apr 2018 04:56

Instrument :
BNA_N
ClientSampleId :
DAS49

Tot Ion:	228	Resp:	145506
Ion Ratio		Lower	Upper
228	100		
226	29.8	24.5	36.7
229	22.8	15.8	23.8

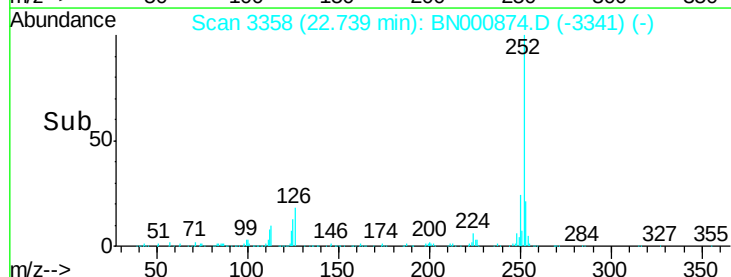
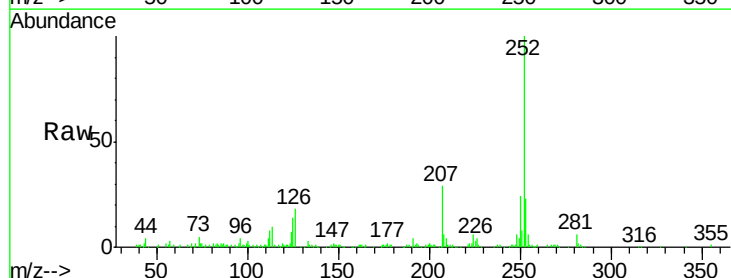
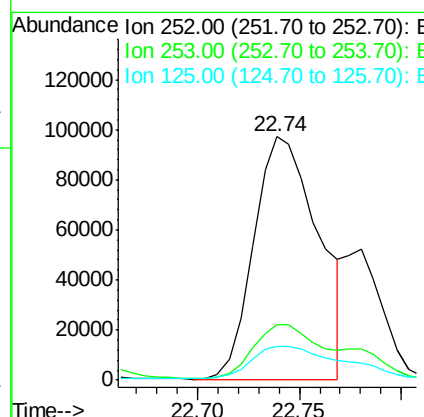
Manual Integrations
APPROVED

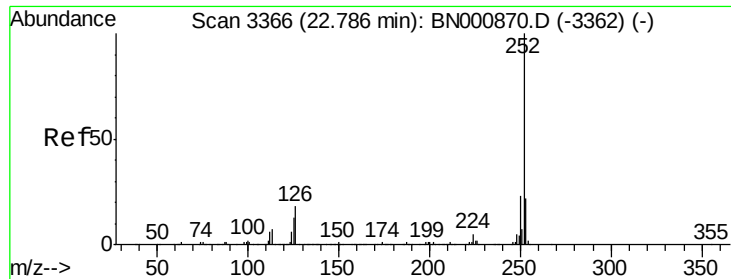
Sohil
4/25/2018 4:36:50 PM



#23
Benzo(b)fluoranthene
Concen: 5.944 ng/ul m
RT: 22.74 min Scan# 3358
Delta R.T. -0.00 min
Lab File: BN000874.D
Acq: 25 Apr 2018 04:56

Tgt Ion:	252	Resp:	214299
Ion Ratio		Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.9	8.0	12.0#





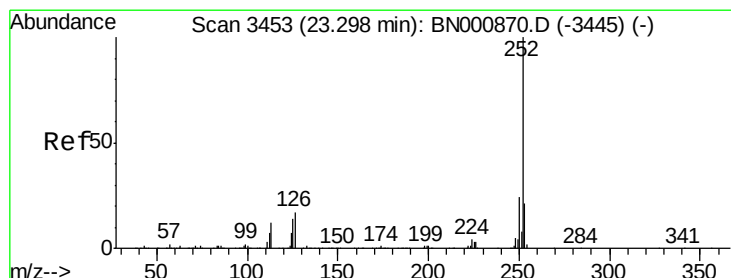
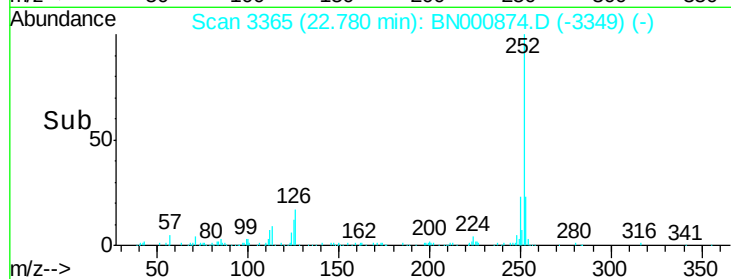
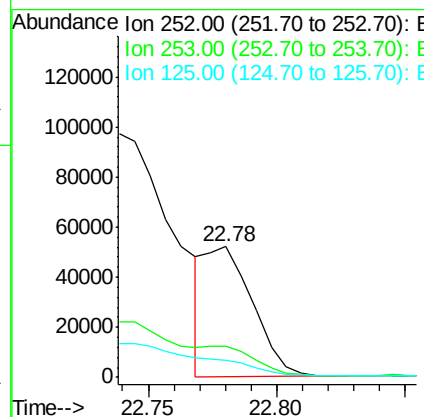
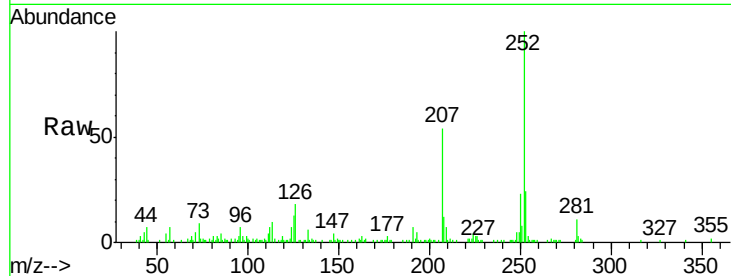
#24
Benzo(k)fluoranthene
Concen: 1.851 ng/ul m
RT: 22.78 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BN000874.D
Acq: 25 Apr 2018 04:56

Instrument :
BNA_N
ClientSampled :
DAS49

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	12.7	8.1	12.1#

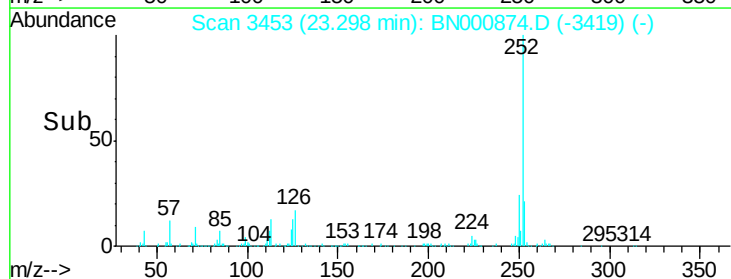
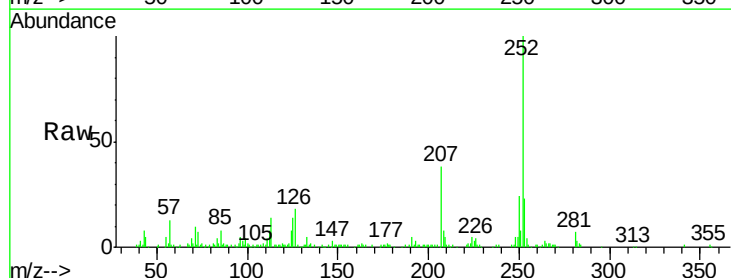
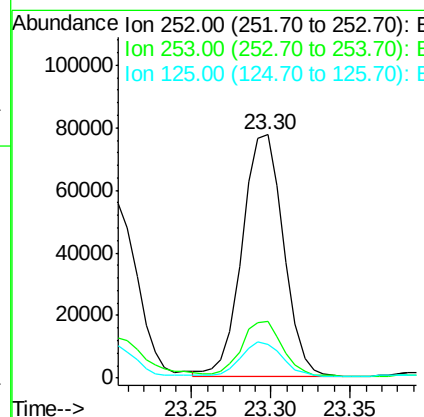
Manual Integrations
APPROVED

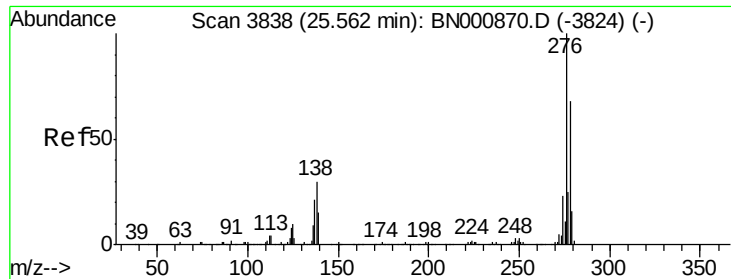
Sohil
4/25/2018 4:36:50 PM



#26
Benzo(a)pyrene
Concen: 4.055 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BN000874.D
Acq: 25 Apr 2018 04:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	14.0	8.2	12.4#





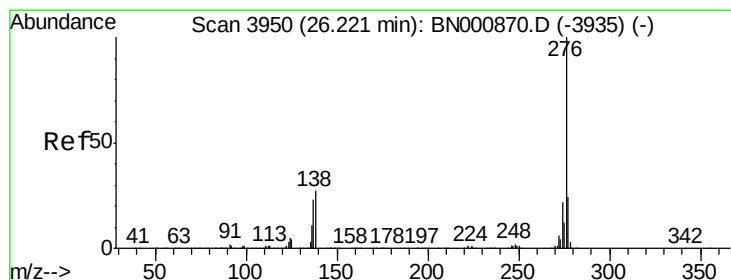
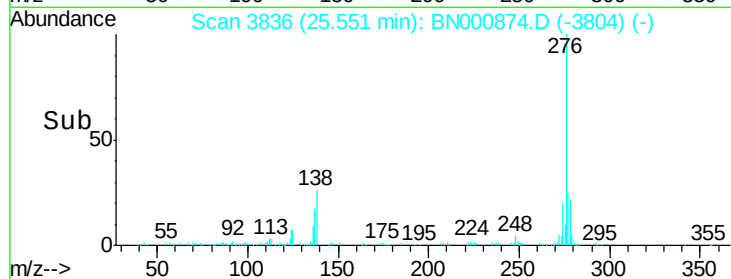
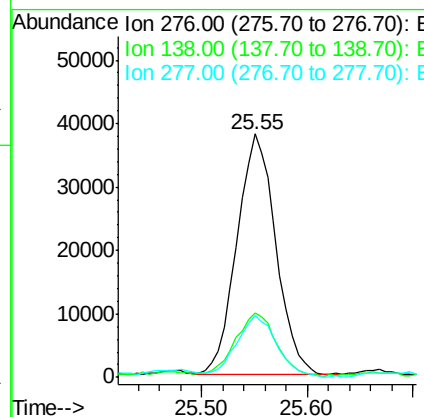
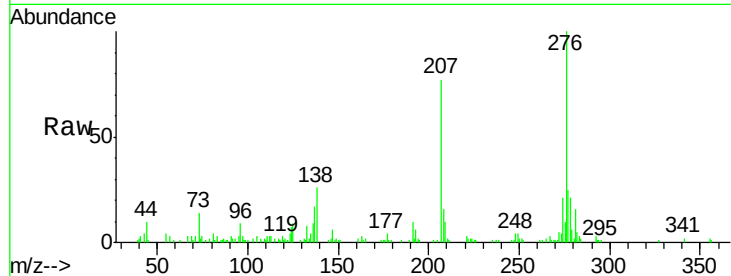
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.335 ng/ul
 RT: 25.55 min Scan# 3836
 Delta R.T. -0.01 min
 Lab File: BN000874.D
 Acq: 25 Apr 2018 04:56

Instrument :
 BNA_N
 ClientSampled :
 DAS49

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	14.4	21.6#
277	25.3	18.0	27.0

Manual Integrations
 APPROVED

Sohil
 4/25/2018 4:36:50 PM



#29
 Benzo(g,h,i)perylene
 Concen: 2.546 ng/ul
 RT: 26.22 min Scan# 3949
 Delta R.T. -0.01 min
 Lab File: BN000874.D
 Acq: 25 Apr 2018 04:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	15.3	22.9#
277	25.0	19.0	28.4

