

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
 Data File : BN001045.D
 Acq On : 01 May 2018 23:59
 Operator : JU/SJ
 Sample : J2601-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAT49

Manual Integrations
 APPROVED

Sohil
 5/2/2018 11:09:47 AM

Quant Time: May 02 08:18:34 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 02 07:44:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	105183	20.00	ng/ul	0.00
2) Naphthalene-d8	10.38	136	437143	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	218080	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	459978	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	458917	20.00	ng/ul	-0.01
22) Perylene-d12	23.40	264	476427	20.00	ng/ul	-0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	642999	30.70	ng/ul	0.00
10) Fluorene-d10	15.25	176	441890	31.61	ng/ul	0.00
14) Anthracene-d10	17.10	188	649135	30.86	ng/ul	0.00
18) Pyrene-d10	19.40	212	726179	30.88	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	790506	35.13	ng/ul	-0.01
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	30894	1.231	ng/ul	98
16) Fluoranthene	19.07	202	73918	2.904	ng/ul#	95
19) Pyrene	19.43	202	67509	2.290	ng/ul#	91
20) Benzo(a)anthracene	21.19	228	31847	1.161	ng/ul	95
21) Chrysene	21.24	228	39383m	1.527	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	54195m	2.002	ng/ul	
26) Benzo(a)pyrene	23.30	252	33605m	1.299	ng/ul	

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

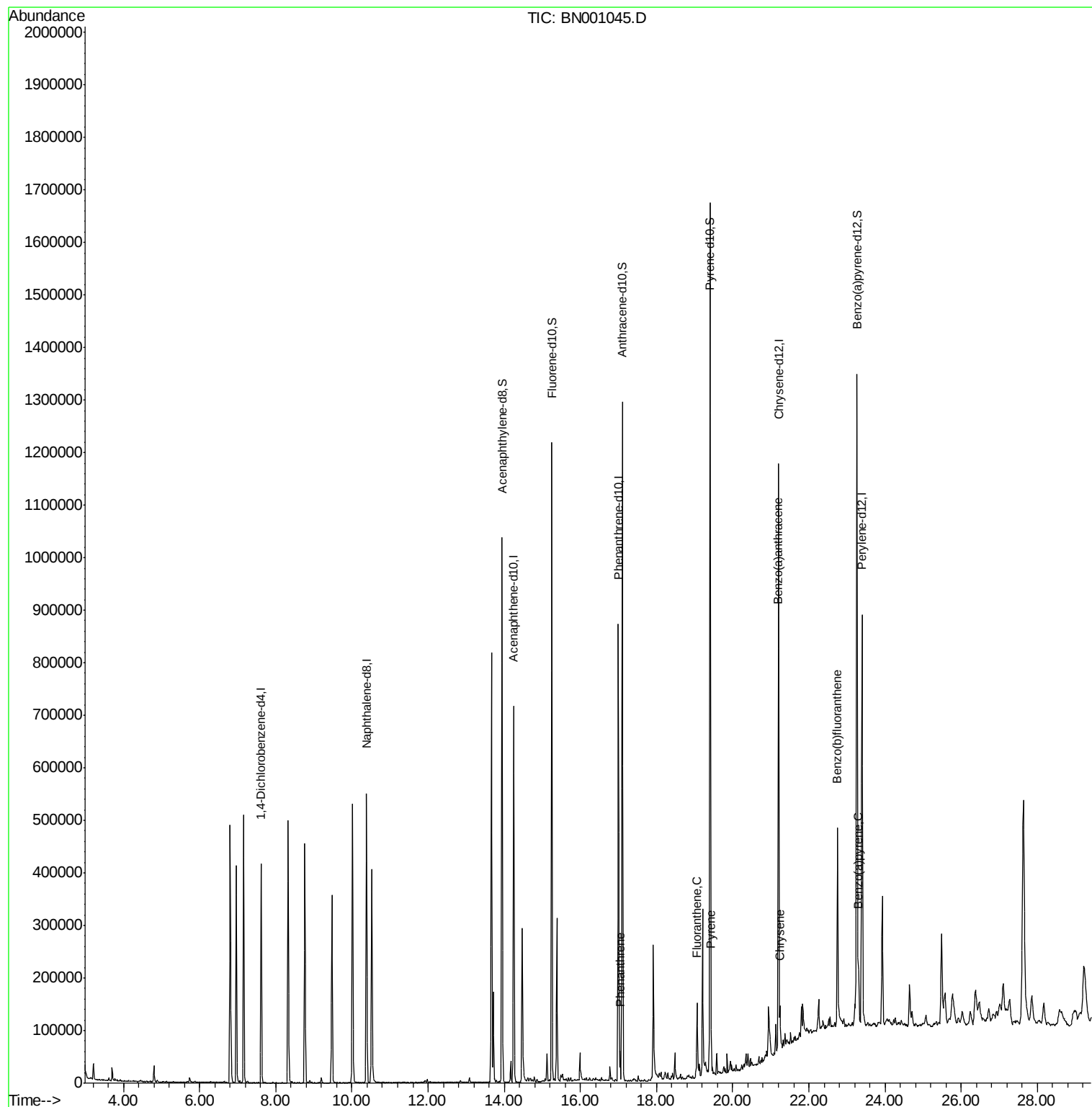
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001045.D
Acq On : 01 May 2018 23:59
Operator : JU/SJ
Sample : J2601-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

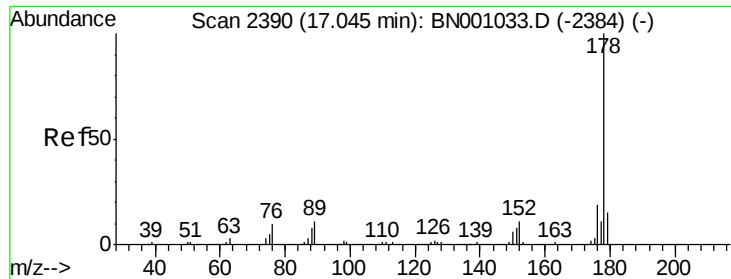
Instrument :
BNA_N
ClientSampleId :
DAT49

Manual Integrations
APPROVED

Sohil
5/2/2018 11:09:47 AM

Quant Time: May 02 08:18:34 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 02 07:44:40 2018
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.231 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN001045.D

Acq: 01 May 2018 23:59

Instrument :

BNA_N

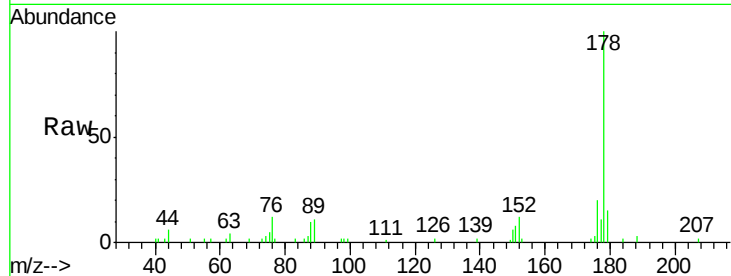
ClientSampleId :

DAT49

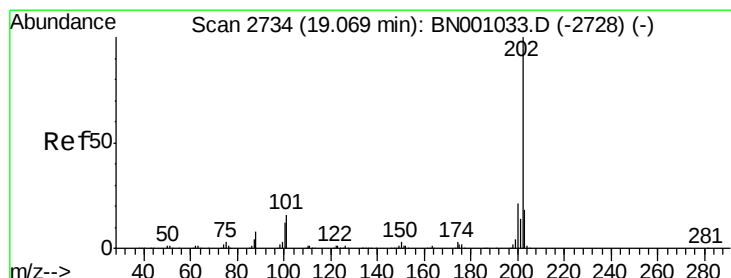
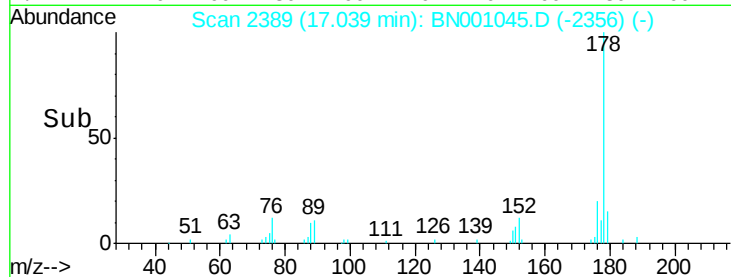
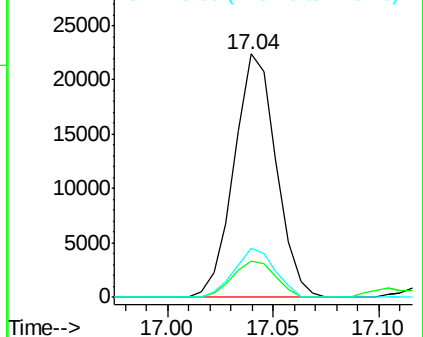
Tot Ion:	178	Resp:	30894
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.3	18.5
176	20.3	15.1	22.7

Manual Integrations
APPROVED

Sohil
5/2/2018 11:09:47 AM



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



#16

Fluoranthene

Concen: 2.904 ng/ul

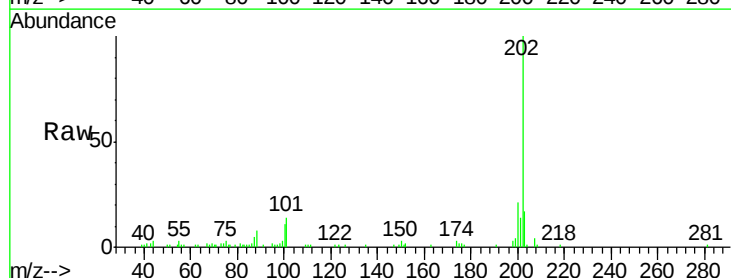
RT: 19.07 min Scan# 2734

Delta R.T. -0.00 min

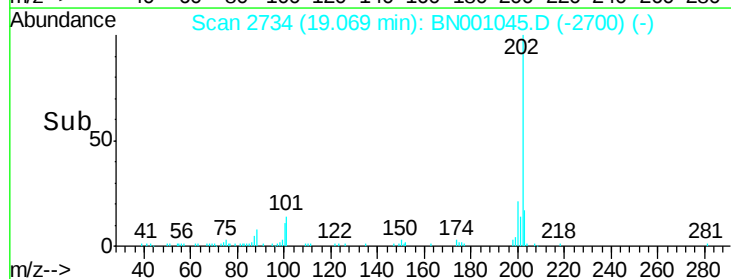
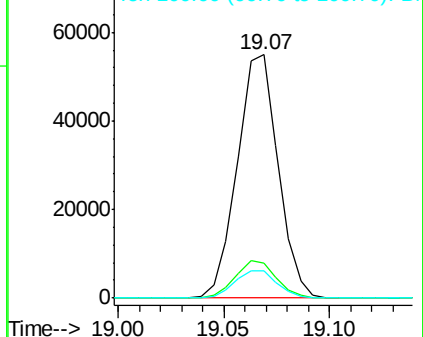
Lab File: BN001045.D

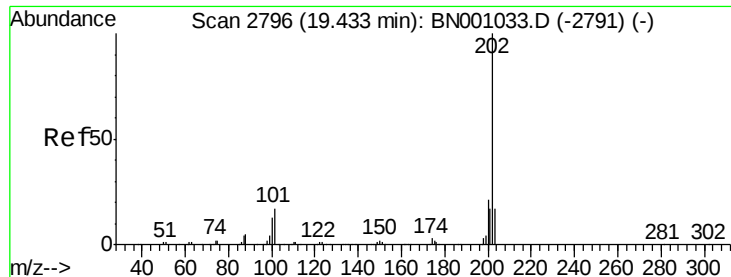
Acq: 01 May 2018 23:59

Tgt Ion:	202	Resp:	73918
Ion Ratio	Lower	Upper	
202	100		
101	14.2	9.9	14.9
100	11.1	7.4	11.0#



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





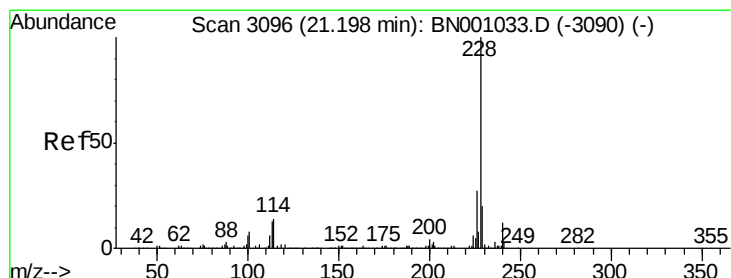
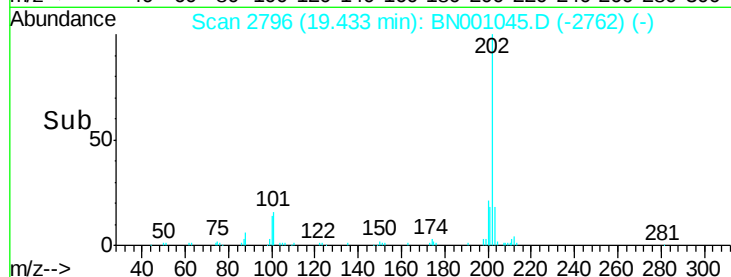
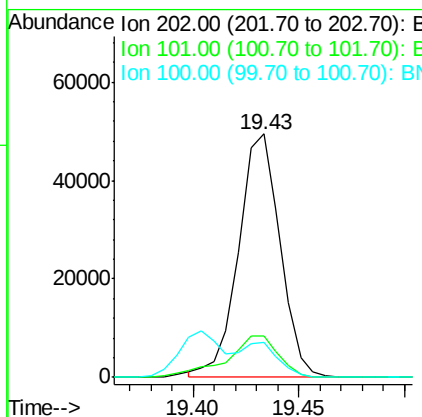
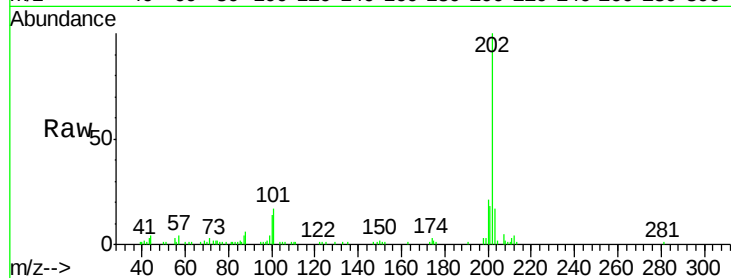
#19
Pvrene
Concen: 2.290 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BN001045.D
Acq: 01 May 2018 23:59

Instrument :
BNA_N
ClientSampleId :
DAT49

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.8	11.0	16.4#
100	14.3	8.1	12.1#

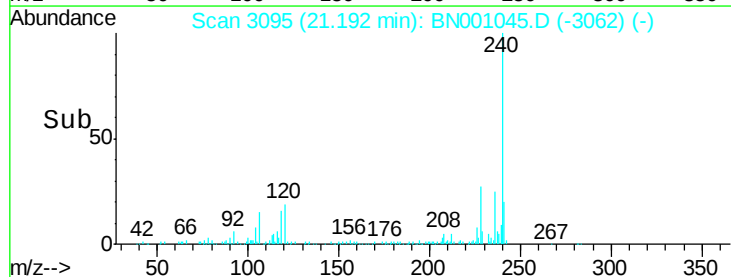
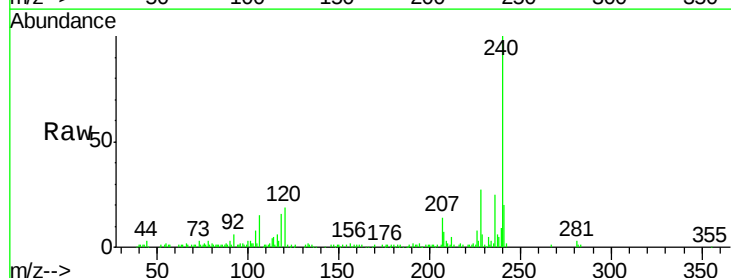
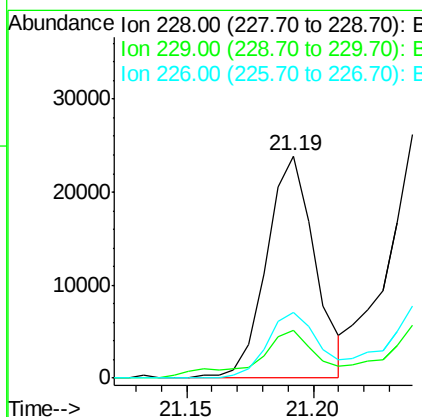
Manual Integrations
APPROVED

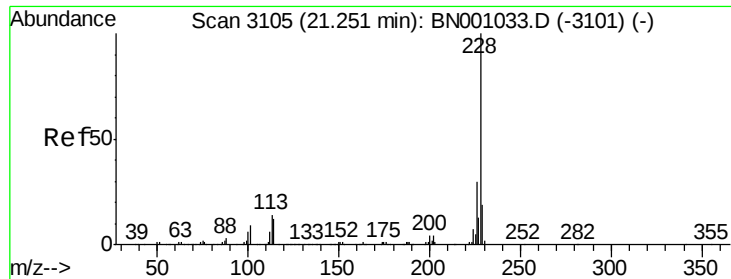
Sohil
5/2/2018 11:09:47 AM



#20
Benzo(a)anthracene
Concen: 1.161 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN001045.D
Acq: 01 May 2018 23:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	29.4	21.1	31.7





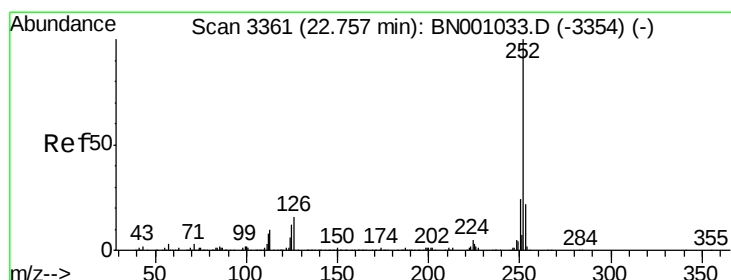
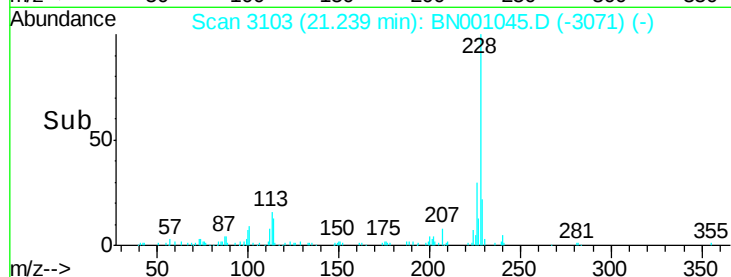
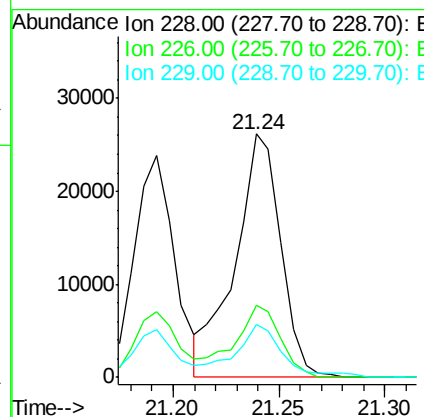
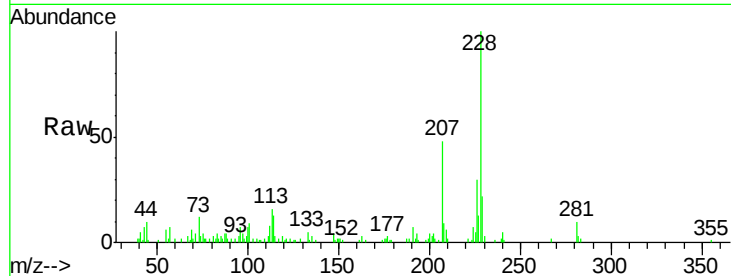
#21
Chrysene
Concen: 1.527 ng/ul m
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN001045.D
Acq: 01 May 2018 23:59

Instrument :
BNA_N
ClientSampleId :
DAT49

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	21.6	15.8	23.8

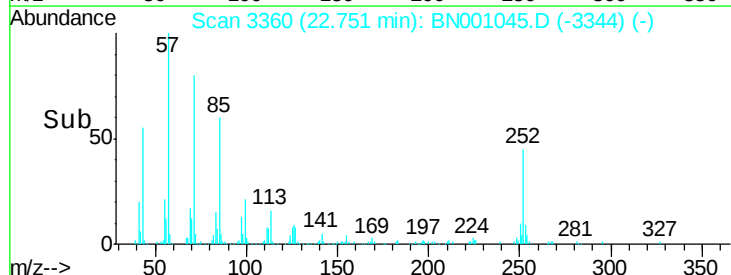
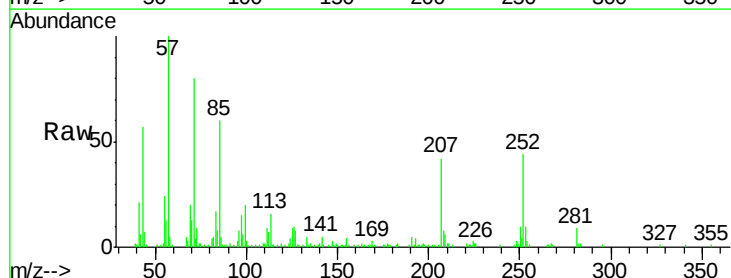
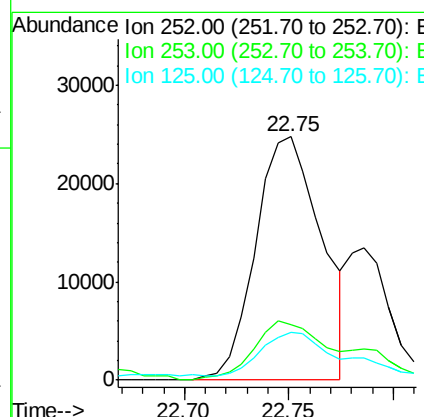
Manual Integrations
APPROVED

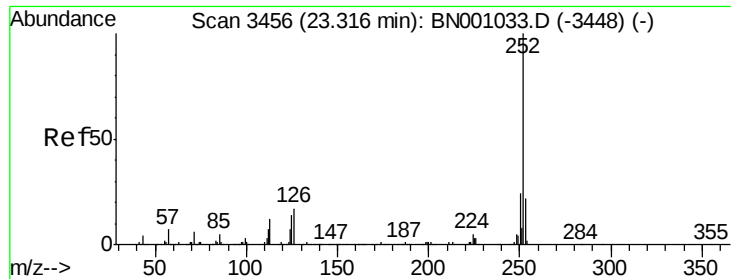
Sohil
5/2/2018 11:09:47 AM



#23
Benzo(b)fluoranthene
Concen: 2.002 ng/ul m
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BN001045.D
Acq: 01 May 2018 23:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	19.6	8.0	12.0#





#26

Benzo(a)pyrene

Concen: 1.299 ng/ul m

RT: 23.30 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BN001045.D

Acq: 01 May 2018 23:59

Instrument :

BNA_N

ClientSampled :

DAT49

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.7	17.2	25.8
125	16.7	8.2	12.4

Manual Integrations
APPROVED

Sohil
5/2/2018 11:09:47 AM

