

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001076.D
 Acq On : 02 May 2018 18:24
 Operator : JU/SJ
 Sample : J2527-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS80

Manual Integrations
 APPROVED

Sohil
 5/3/2018 4:24:18 PM

Quant Time: May 03 08:16:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 07:35:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	125686	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	527018	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	253504	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	465119	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	422426	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	450435	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	548251	22.52	ng/ul	0.00
10) Fluorene-d10	15.25	176	364638	22.44	ng/ul	0.00
14) Anthracene-d10	17.10	188	496978	23.37	ng/ul	0.00
18) Pyrene-d10	19.41	212	502892	23.23	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	535525	25.17	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	71009	2.799	ng/ul	99
16) Fluoranthene	19.07	202	148444	5.768	ng/ul#	92
19) Pyrene	19.44	202	136328	5.024	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	72376	2.866	ng/ul	95
21) Chrysene	21.25	228	79427m	3.347	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	112745m	4.404	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	32998m	1.317	ng/ul	
26) Benzo(a)pyrene	23.32	252	70606	2.886	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.59	276	52894	1.790	ng/ul#	86
29) Benzo(g,h,i)perylene	26.26	276	53724	2.174	ng/ul#	91

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

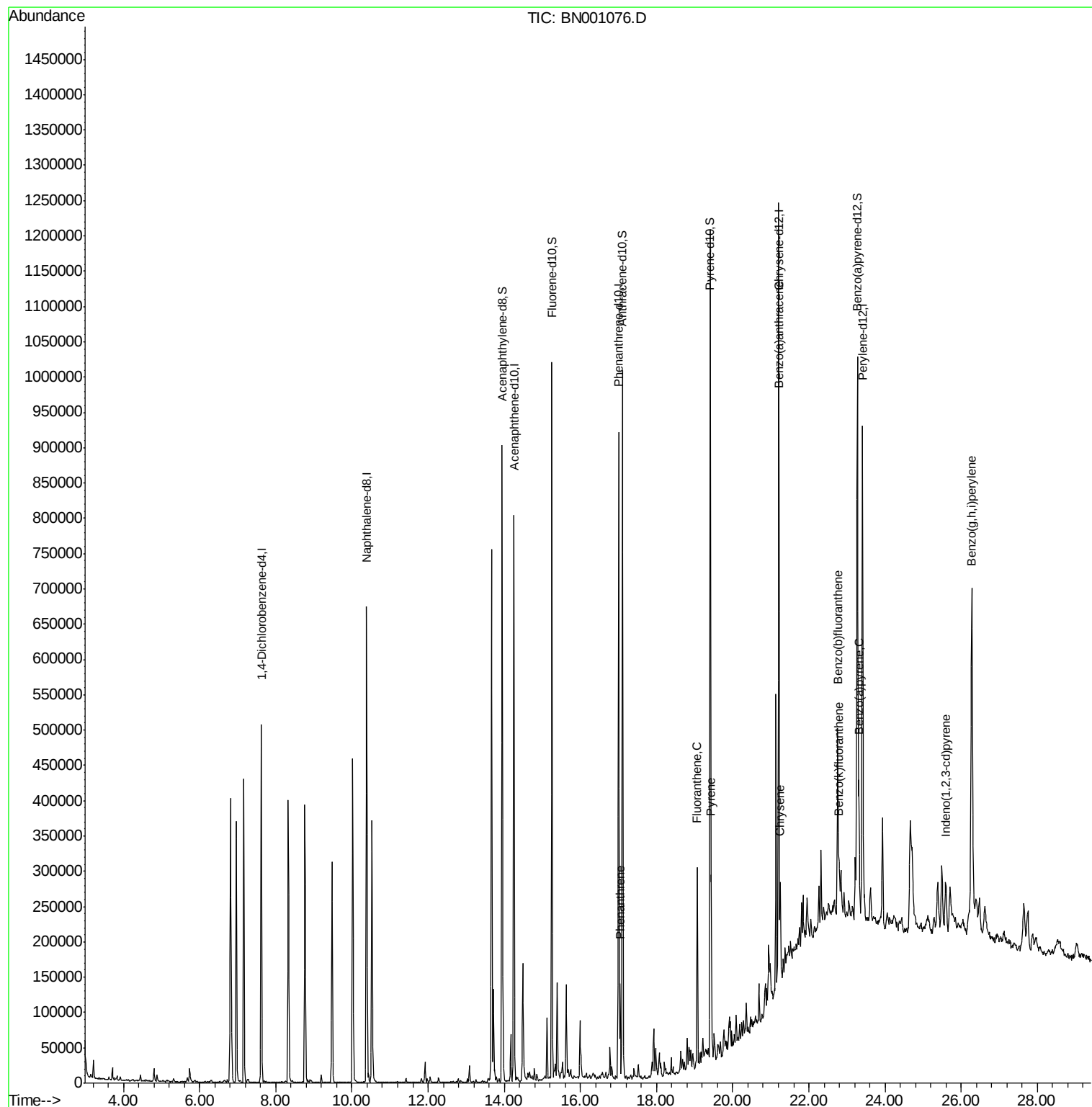
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001076.D
Acq On : 02 May 2018 18:24
Operator : JU/SJ
Sample : J2527-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

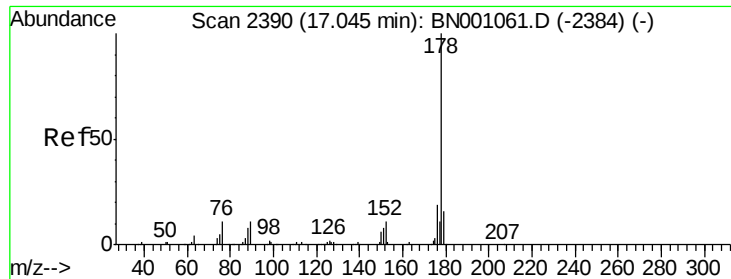
Instrument :
BNA_N
ClientSampleId :
DAS80

Manual Integrations
APPROVED

Sohil
5/3/2018 4:24:18 PM

Quant Time: May 03 08:16:58 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 07:35:09 2018
Response via : Initial Calibration





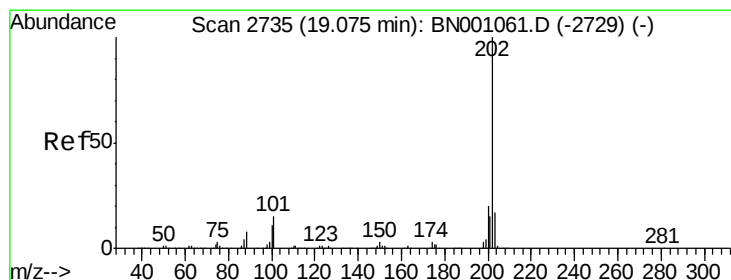
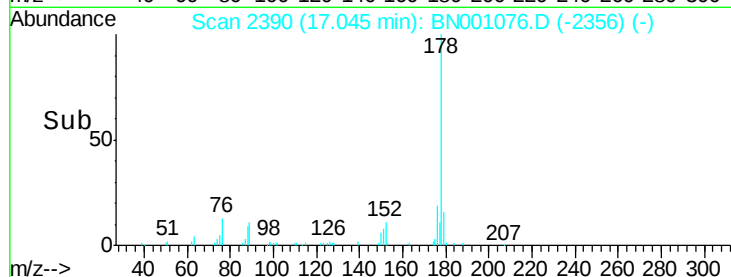
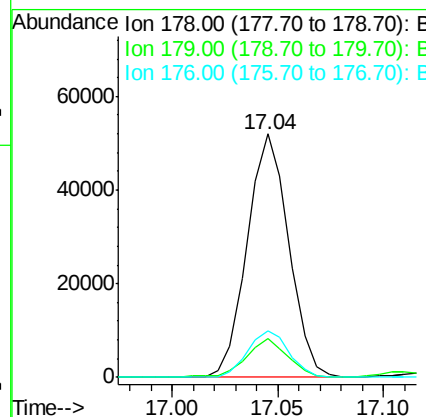
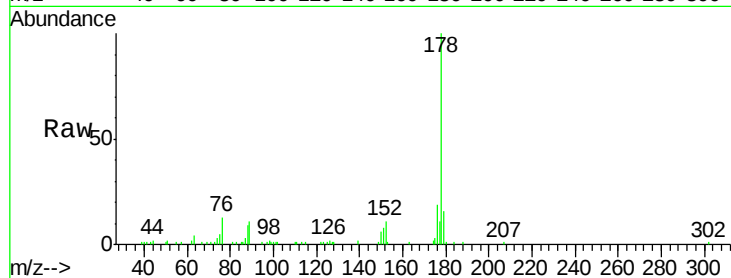
#13
Phenanthrene
Concen: 2.799 ng/ul
RT: 17.04 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BN001076.D
Acq: 02 May 2018 18:24

Instrument :
BNA_N
ClientSampled :
DAS80

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.1	15.1	22.7

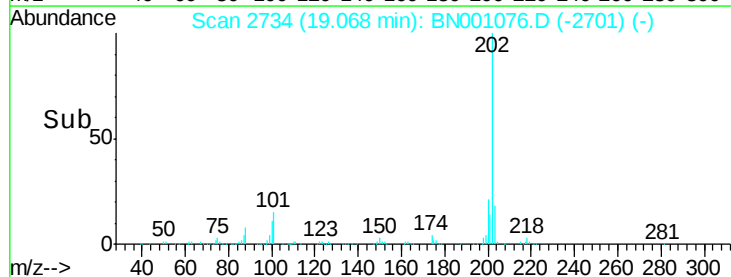
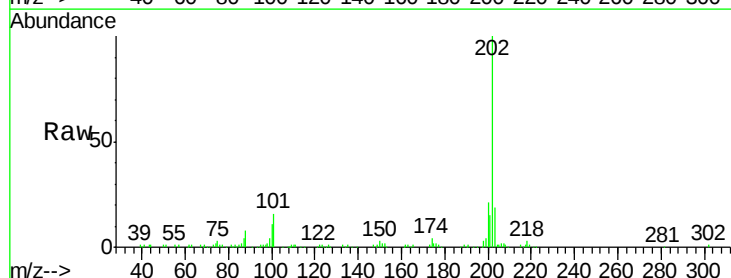
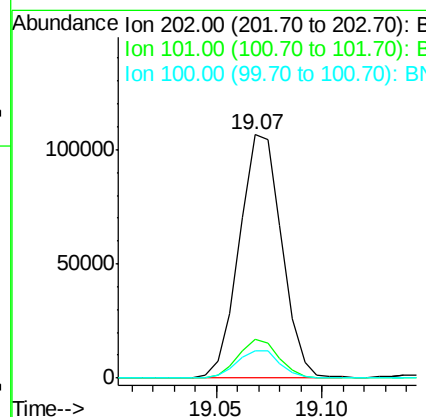
Manual Integrations
APPROVED

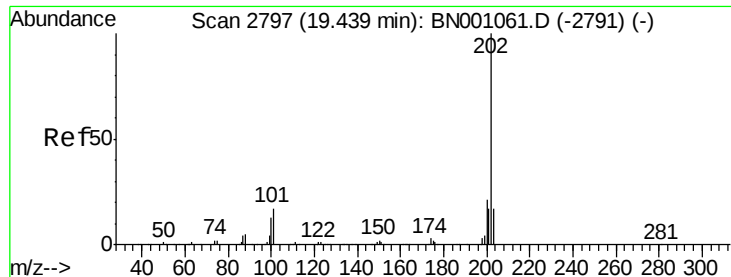
Sohil
5/3/2018 4:24:18 PM



#16
Fluoranthene
Concen: 5.768 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BN001076.D
Acq: 02 May 2018 18:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.9	9.9	14.9#
100	11.4	7.4	11.0#





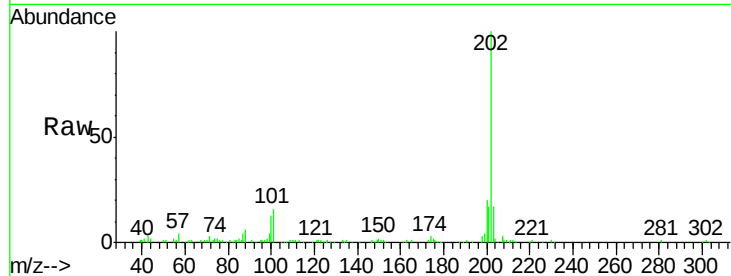
#19
Pvrene
Concen: 5.024 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BN001076.D
Acq: 02 May 2018 18:24

Instrument :
BNA_N
ClientSampled :
DAS80

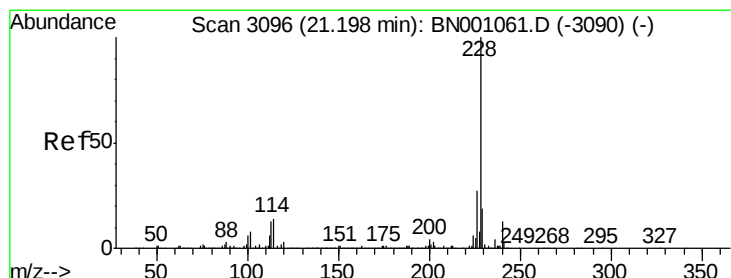
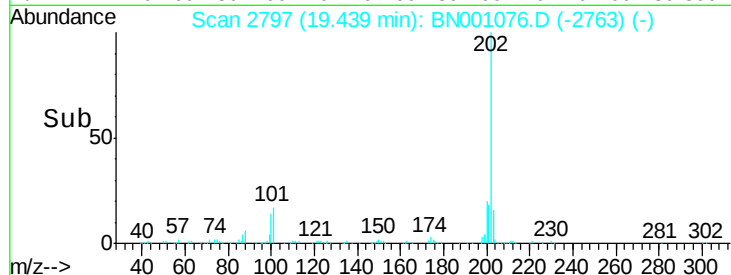
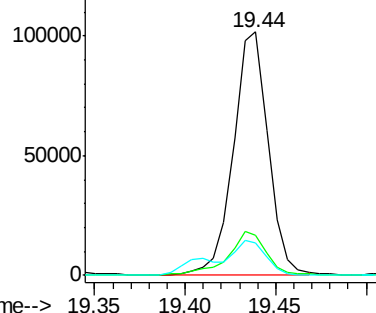
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.5	11.0	16.4#
100	13.4	8.1	12.1#

Manual Integrations
APPROVED

Sohil
5/3/2018 4:24:18 PM



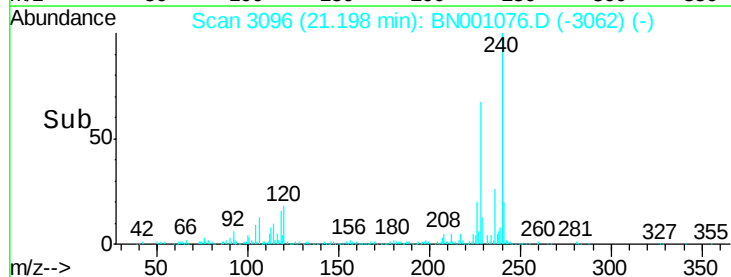
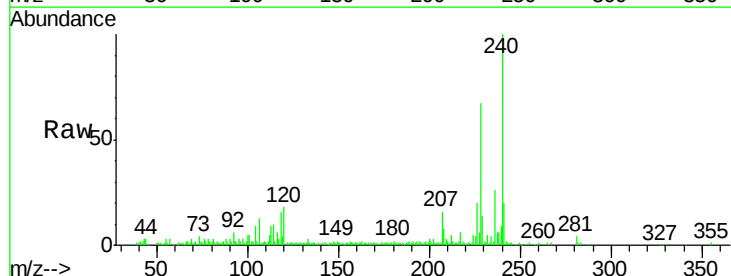
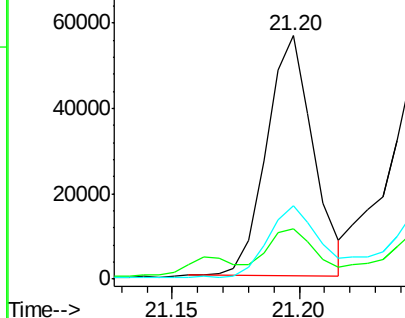
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

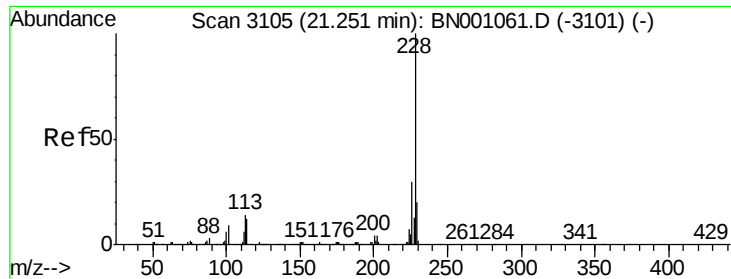


#20
Benzo(a)anthracene
Concen: 2.866 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN001076.D
Acq: 02 May 2018 18:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.7	23.5
226	30.3	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: 3.347 ng/ul m

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN001076.D

Acq: 02 May 2018 18:24

Instrument :

BNA_N

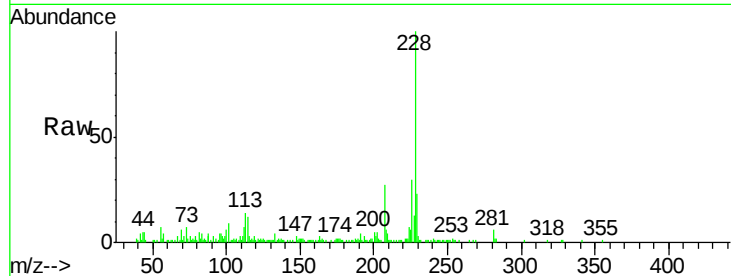
ClientSampled :

DAS80

Tot Ion:	228	Resp:	79427
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.5	36.7
229	23.2	15.8	23.8

Manual Integrations
APPROVED

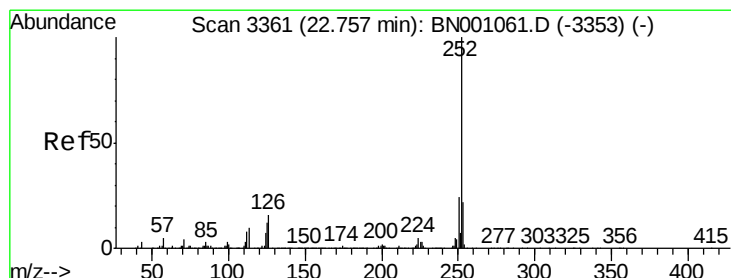
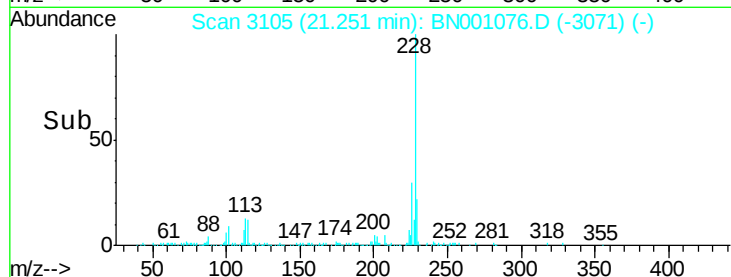
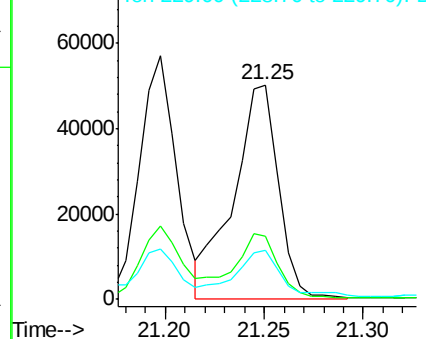
Sohil
5/3/2018 4:24:18 PM



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: 4.404 ng/ul m

RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BN001076.D

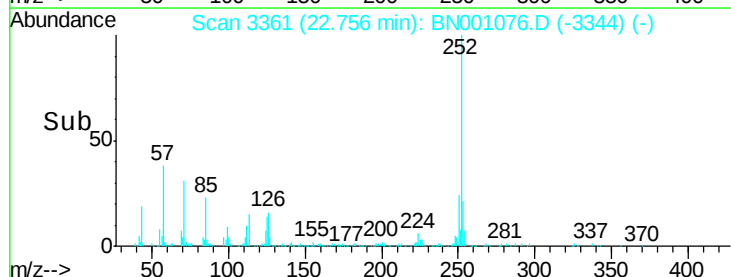
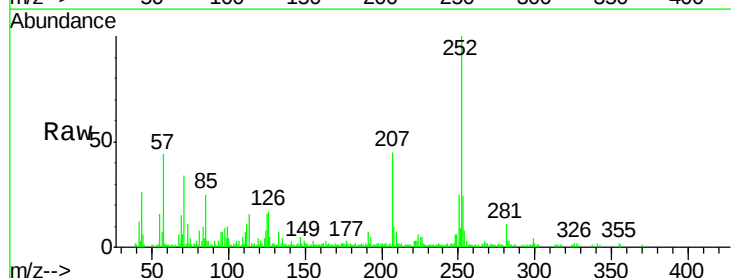
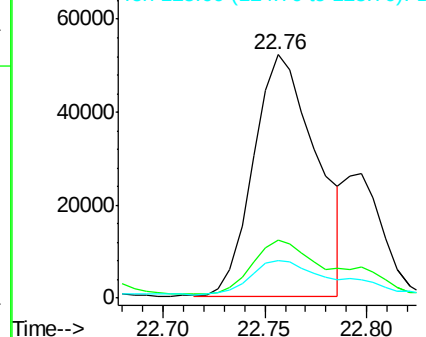
Acq: 02 May 2018 18:24

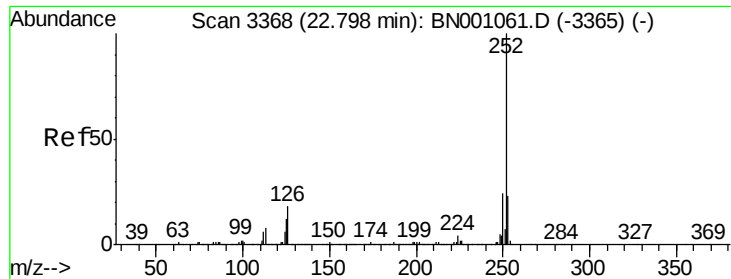
Tgt Ion:	252	Resp:	112745
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.0	27.0
125	15.6	8.0	12.0#

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





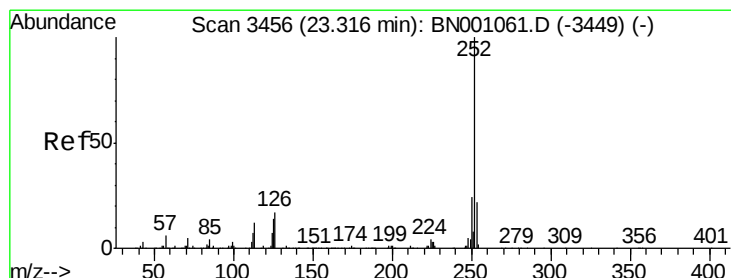
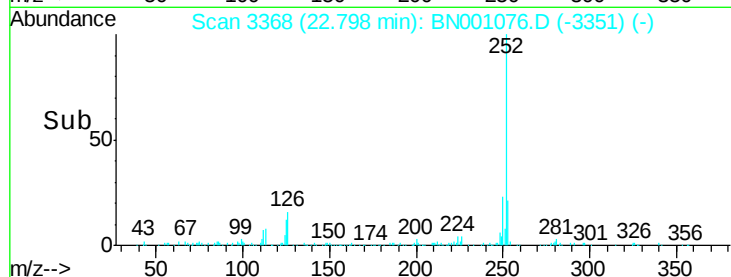
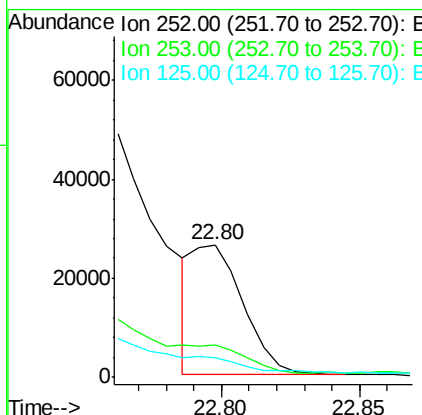
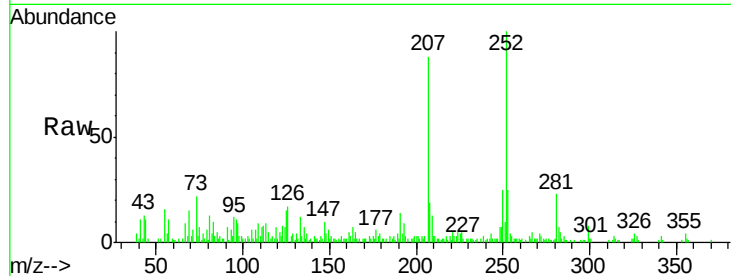
#24
Benzo(k)fluoranthene
Concen: 1.317 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BN001076.D
Acq: 02 May 2018 18:24

Instrument :
BNA_N
ClientSampled :
DAS80

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	14.9	8.1	12.1

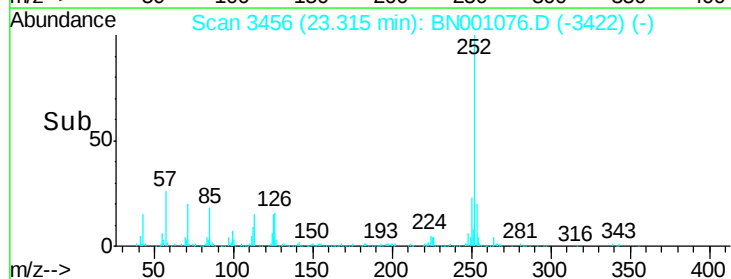
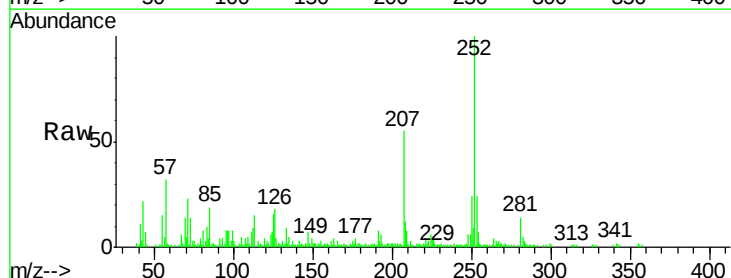
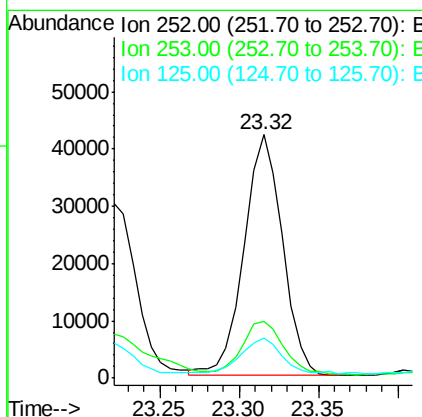
Manual Integrations
APPROVED

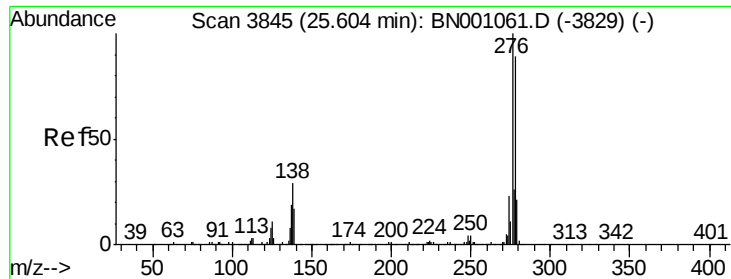
Sohil
5/3/2018 4:24:18 PM



#26
Benzo(a)pyrene
Concen: 2.886 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BN001076.D
Acq: 02 May 2018 18:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	16.2	8.2	12.4





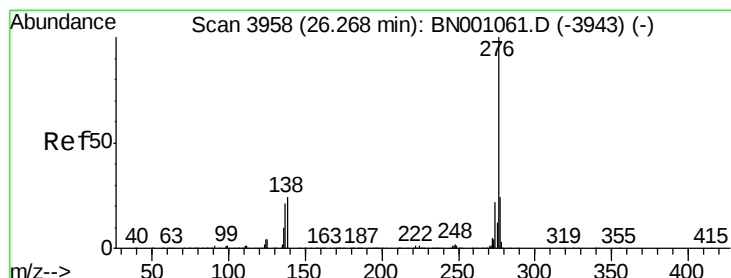
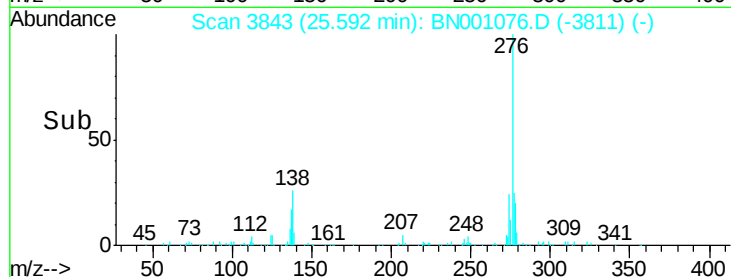
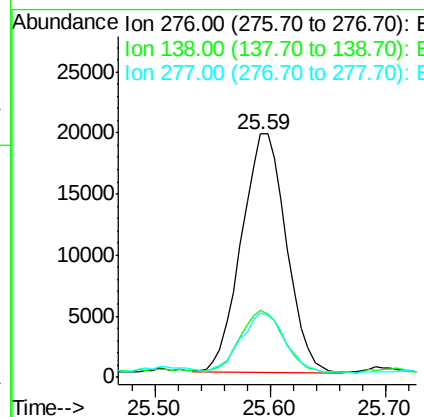
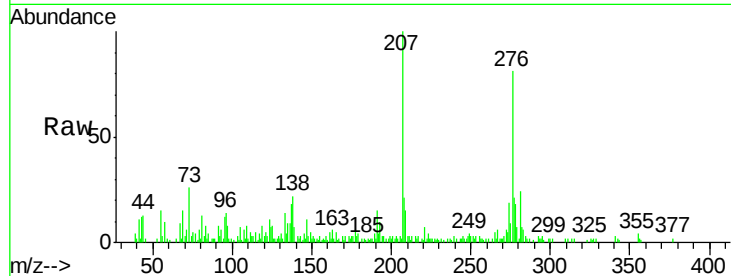
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.790 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. -0.01 min
 Lab File: BN001076.D
 Acq: 02 May 2018 18:24

Instrument :
 BNA_N
 ClientSampled :
 DAS80

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	14.4	21.6#
277	26.3	18.0	27.0

Manual Integrations
 APPROVED

Sohil
 5/3/2018 4:24:18 PM



#29
 Benzo(g,h,i)perylene
 Concen: 2.174 ng/ul
 RT: 26.26 min Scan# 3957
 Delta R.T. -0.01 min
 Lab File: BN001076.D
 Acq: 02 May 2018 18:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	15.3	22.9#
277	24.6	19.0	28.4

