

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
 Data File : BN001119.D
 Acq On : 03 May 2018 22:07
 Operator : JU/SJ
 Sample : J2633-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS97

Manual Integrations
 APPROVED

Sohil
 5/4/2018 1:33:44 PM

Quant Time: May 04 08:38:37 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 04 08:04:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	119659	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	495711	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	230881	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	404781	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	364892	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	417045	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	514172	23.19	ng/ul	0.00
10) Fluorene-d10	15.25	176	334331	22.59	ng/ul	0.00
14) Anthracene-d10	17.10	188	444253	24.00	ng/ul	0.00
18) Pyrene-d10	19.41	212	429977	23.00	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	496351	25.20	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	13.97	152	36124	1.646	ng/ul	98
9) Acenaphthene	14.32	153	35850	2.364	ng/ul	94
11) Fluorene	15.31	166	63535	3.936	ng/ul	96
13) Phenanthrene	17.05	178	1214771	55.024	ng/ul	99
15) Anthracene	17.14	178	333875	15.078	ng/ul	99
16) Fluoranthene	19.08	202	1966952	87.815	ng/ul#	93
19) Pyrene	19.45	202	1440039	61.441	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	823212	37.741	ng/ul	97
21) Chrysene	21.26	228	790183m	38.543	ng/ul	
23) Benzo(b)fluoranthene	22.77	252	856264m	36.128	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	287872m	12.413	ng/ul	
26) Benzo(a)pyrene	23.33	252	517517	22.848	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.61	276	335917	12.279	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.61	278	104448	4.581	ng/ul#	77
29) Benzo(g,h,i)perylene	26.29	276	305828	13.366	ng/ul#	94

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

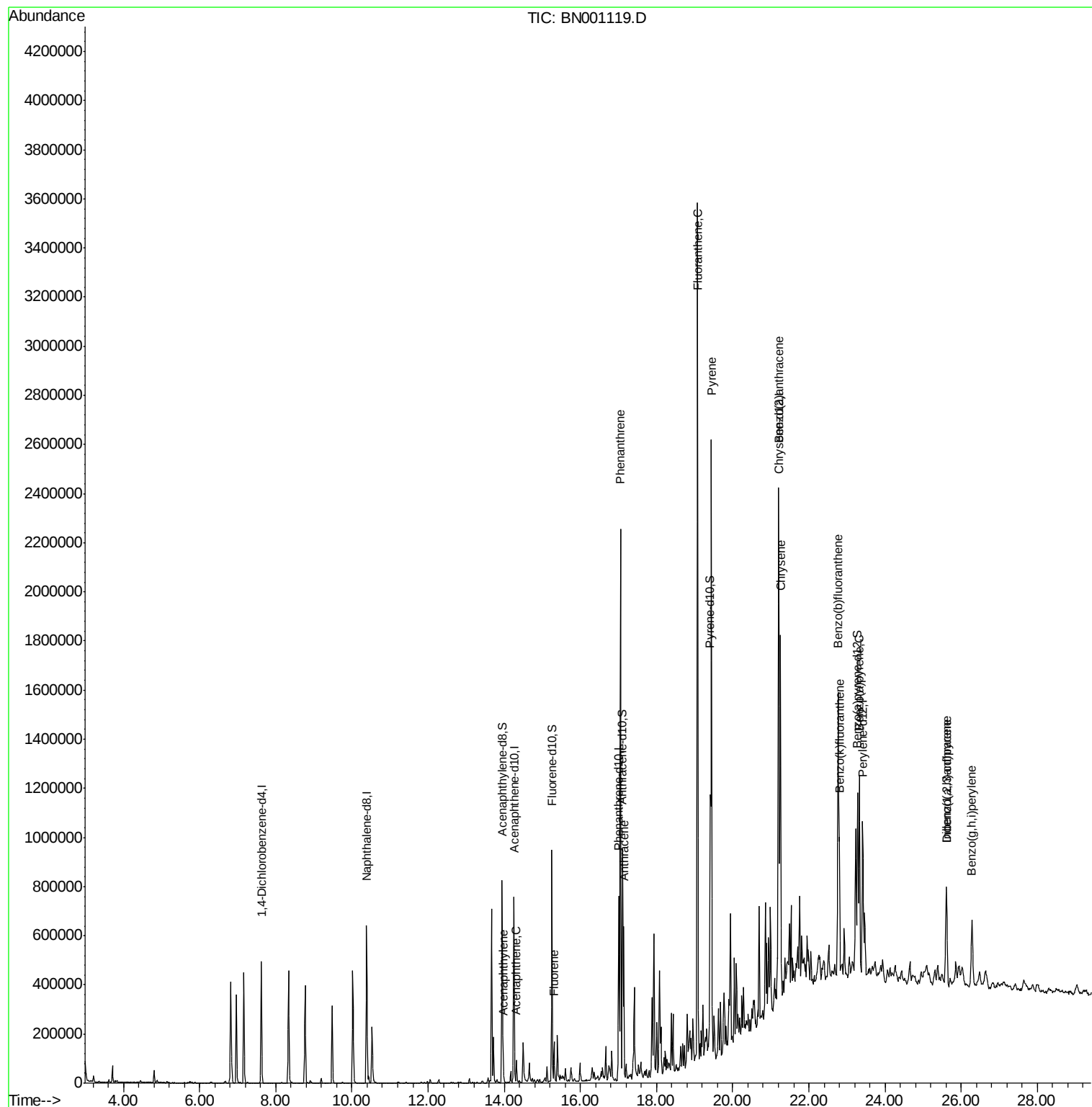
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001119.D
Acq On : 03 May 2018 22:07
Operator : JU/SJ
Sample : J2633-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

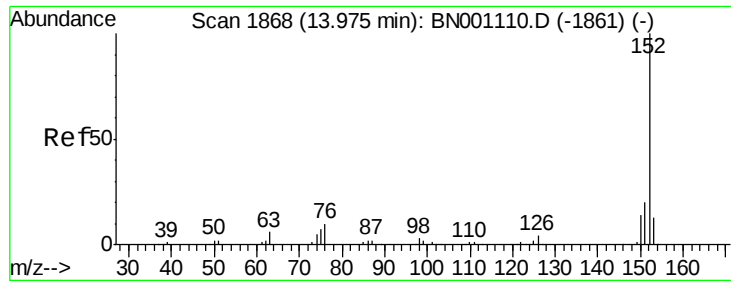
Instrument :
BNA_N
ClientSampleId :
DAS97

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:44 PM

Quant Time: May 04 08:38:37 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 08:04:57 2018
Response via : Initial Calibration





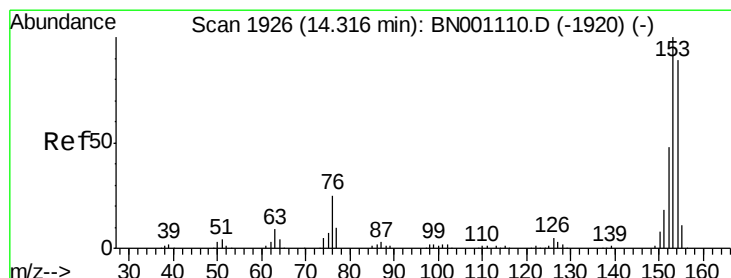
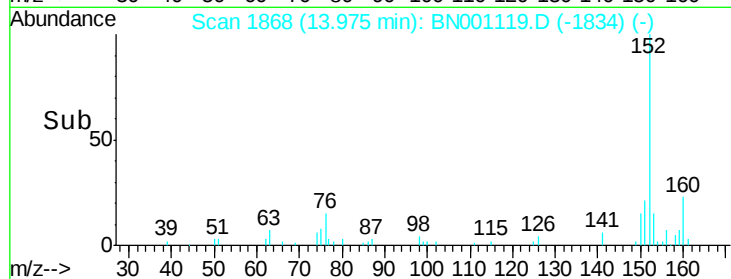
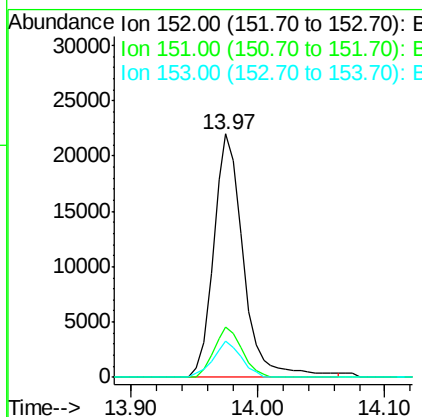
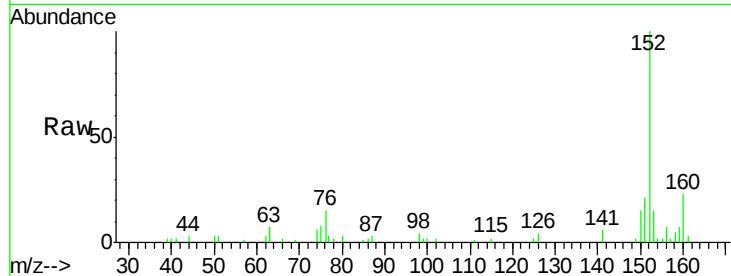
#8
Acenaphthylene
Concen: 1.646 ng/ul
RT: 13.97 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BN001119.D
Acq: 03 May 2018 22:07

Instrument :
BNA_N
ClientSampleId :
DAS97

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1
153	14.7	10.2	15.4

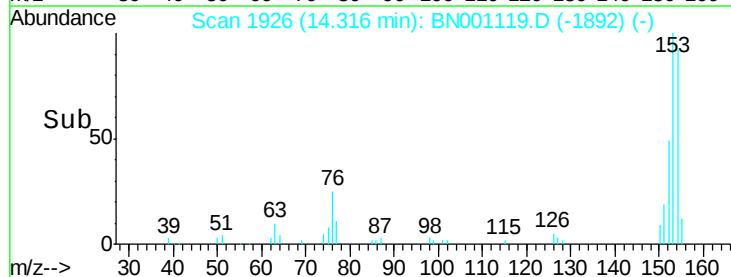
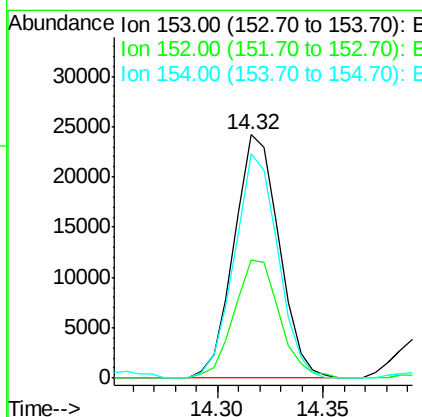
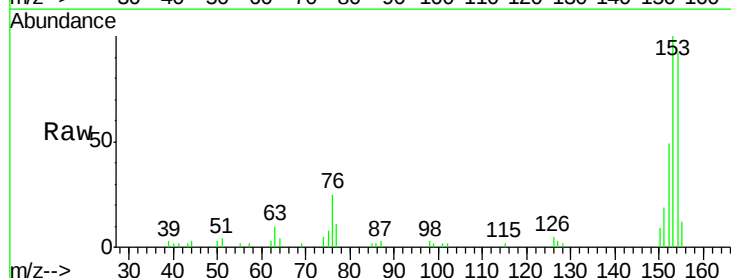
Manual Integrations
APPROVED

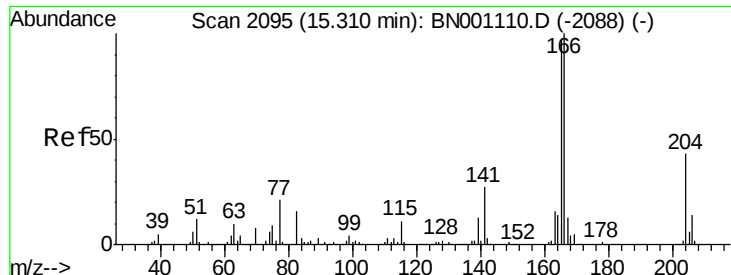
Sohil
5/4/2018 1:33:44 PM



#9
Acenaphthene
Concen: 2.364 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BN001119.D
Acq: 03 May 2018 22:07

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.6	39.0	58.6
154	92.0	66.8	100.2





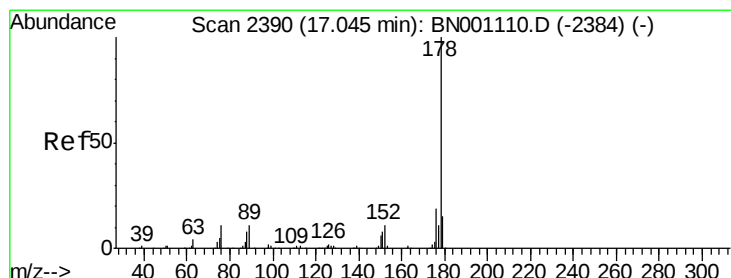
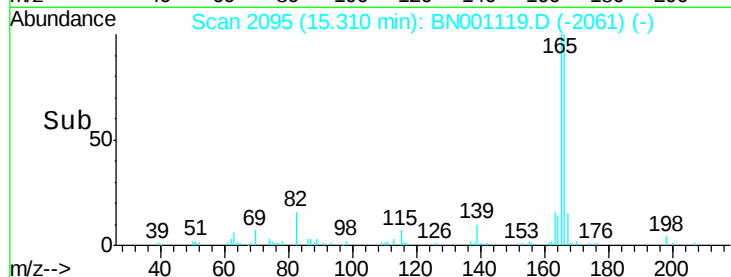
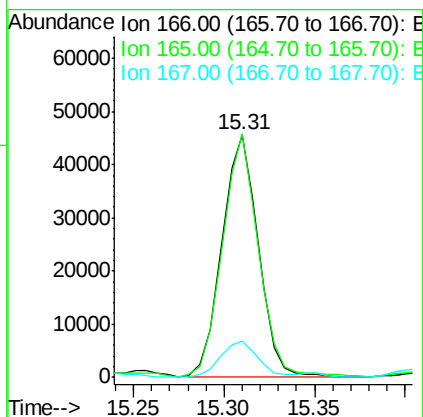
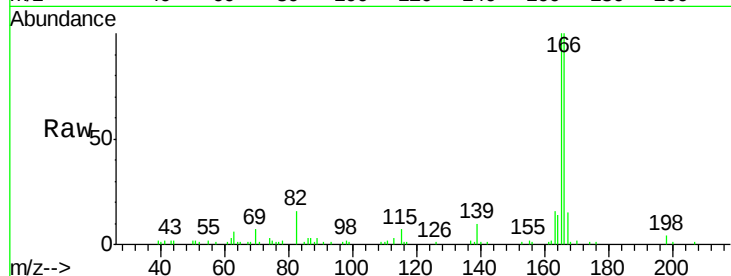
#11
Fluorene
 Concen: 3.936 ng/ul
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BN001119.D
 Acq: 03 May 2018 22:07

Instrument :
 BNA_N
 ClientSampleId :
 DAS97

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.3	83.8	125.8
167	14.7	11.5	17.3

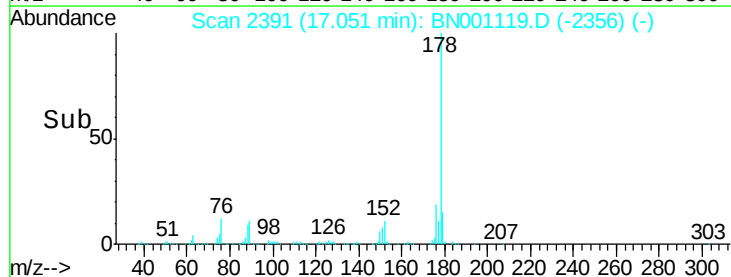
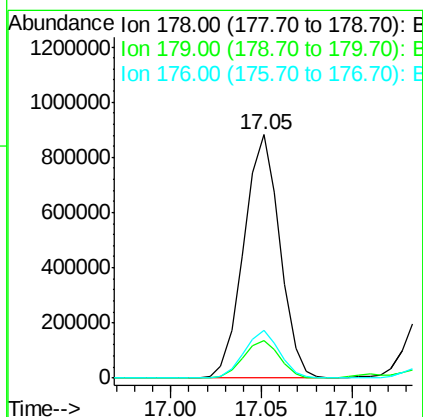
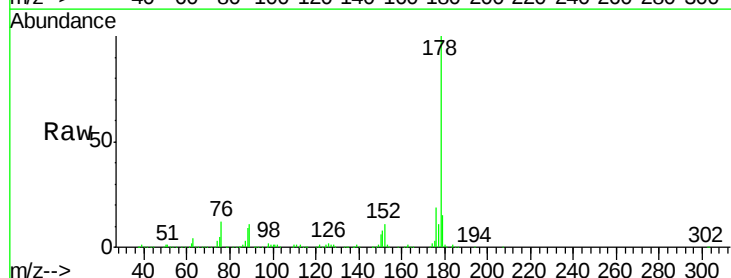
Manual Integrations
 APPROVED

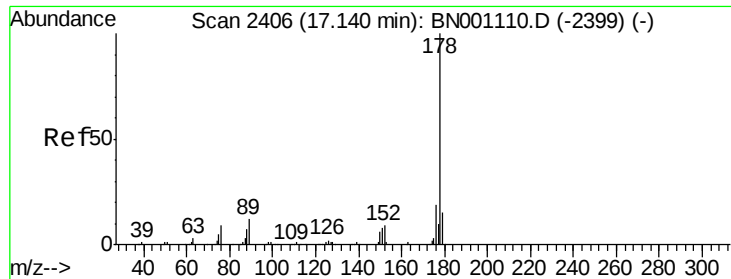
Sohil
 5/4/2018 1:33:44 PM



#13
Phenanthrene
 Concen: 55.024 ng/ul
 RT: 17.05 min Scan# 2391
 Delta R.T. 0.01 min
 Lab File: BN001119.D
 Acq: 03 May 2018 22:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.5	15.1	22.7





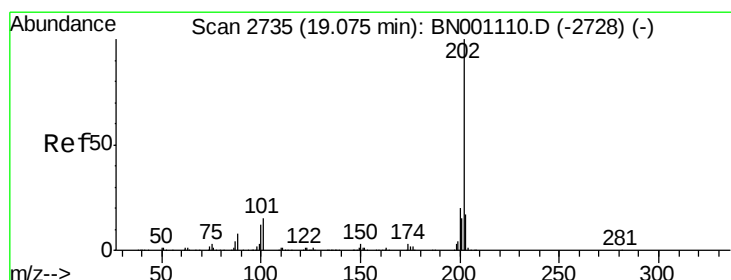
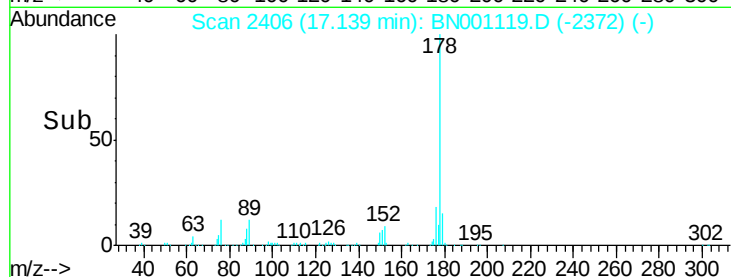
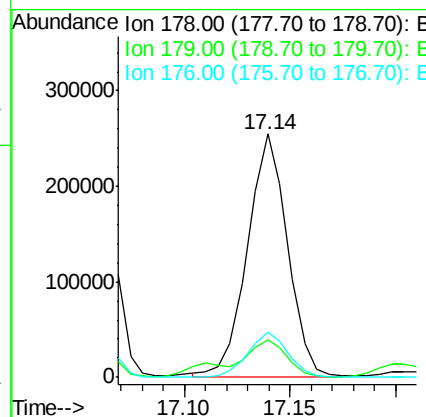
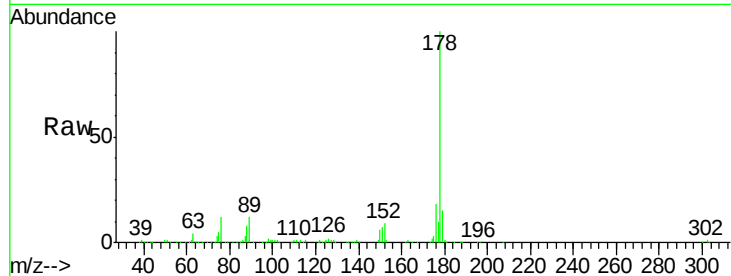
#15
 Anthracene
 Concen: 15.078 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BN001119.D
 Acq: 03 May 2018 22:07

Instrument :
 BNA_N
 ClientSampleId :
 DAS97

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	18.3	15.2	22.8

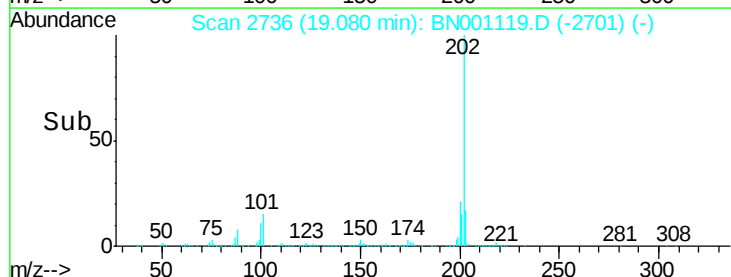
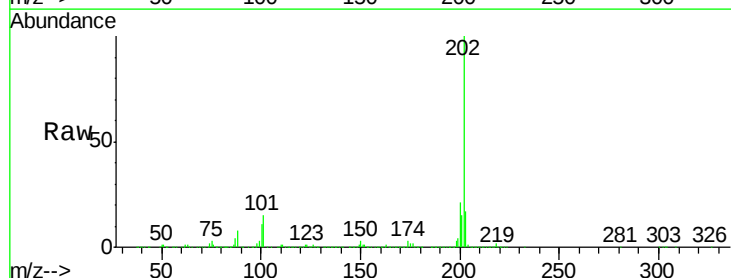
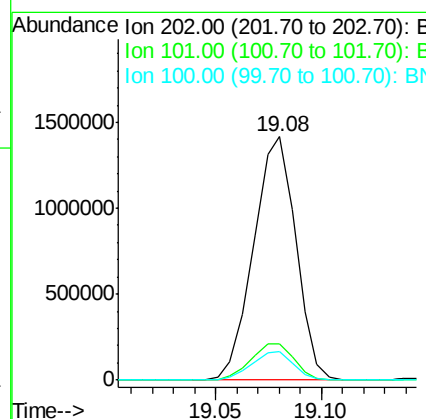
Manual Integrations
 APPROVED

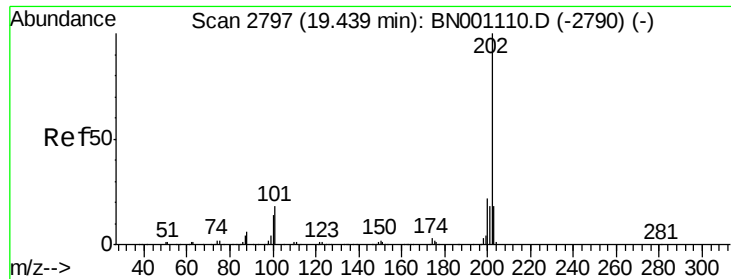
Sohil
 5/4/2018 1:33:44 PM



#16
 Fluoranthene
 Concen: 87.815 ng/ul
 RT: 19.08 min Scan# 2736
 Delta R.T. 0.01 min
 Lab File: BN001119.D
 Acq: 03 May 2018 22:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	9.9	14.9#
100	11.5	7.4	11.0#





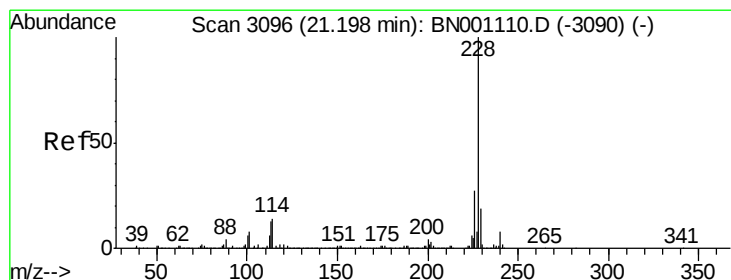
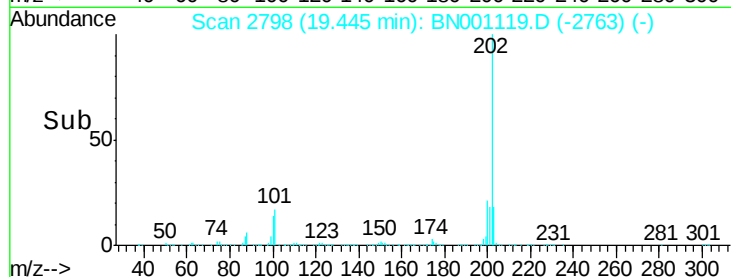
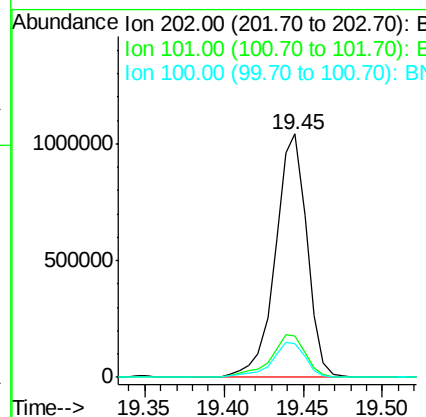
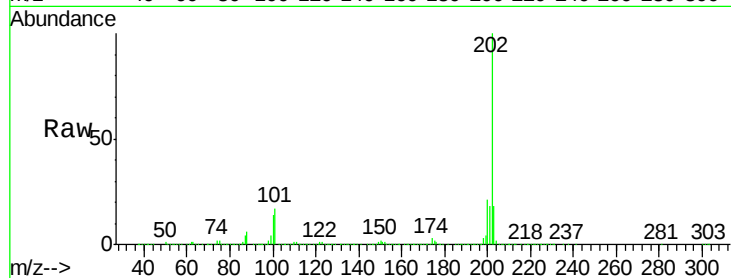
#19
Pvrene
Concen: 61.441 ng/ul
RT: 19.45 min Scan# 2798
Delta R.T. 0.01 min
Lab File: BN001119.D
Acq: 03 May 2018 22:07

Instrument :
BNA_N
ClientSampled :
DAS97

Tot Ion	Ratio	Lower	Upper
202	100		
101	17.2	11.0	16.4#
100	14.0	8.1	12.1#

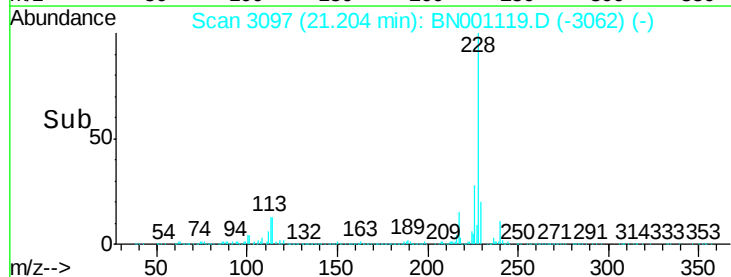
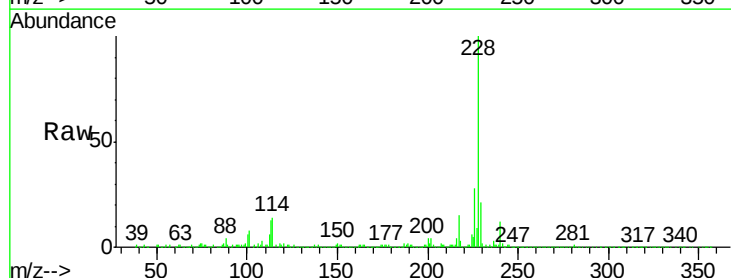
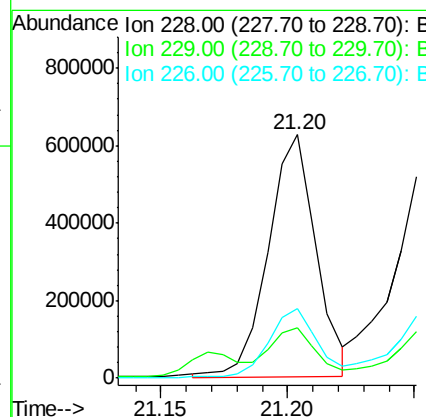
Manual Integrations
APPROVED

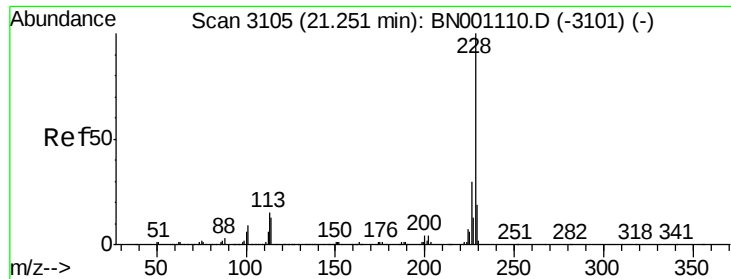
Sohil
5/4/2018 1:33:44 PM



#20
Benzo(a)anthracene
Concen: 37.741 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BN001119.D
Acq: 03 May 2018 22:07

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	28.4	21.1	31.7





#21

Chrysene

Concen: 38.543 ng/ul m

RT: 21.26 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BN001119.D

Acq: 03 May 2018 22:07

Instrument :

BNA_N

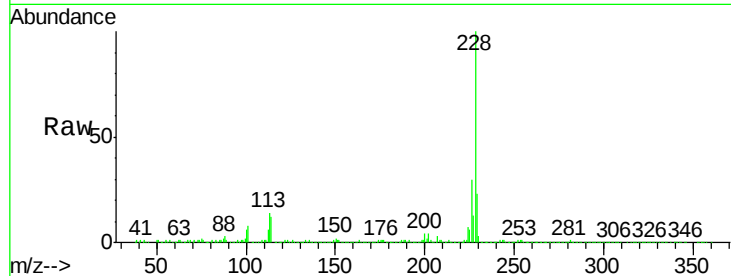
ClientSampleId :

DAS97

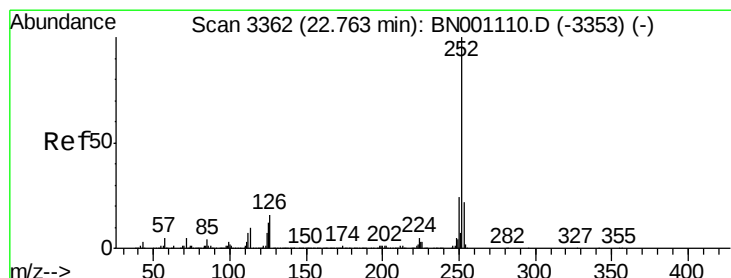
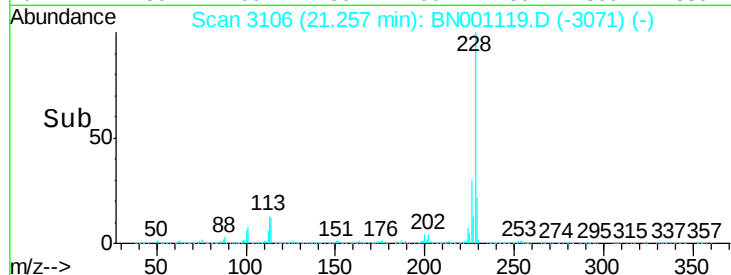
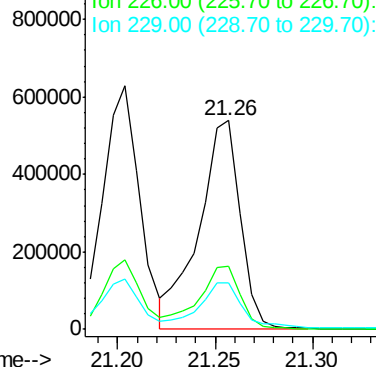
Tot Ion:	228	Resp:	790183
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.5	36.7
229	22.5	15.8	23.8

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:44 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: 36.128 ng/ul m

RT: 22.77 min Scan# 3363

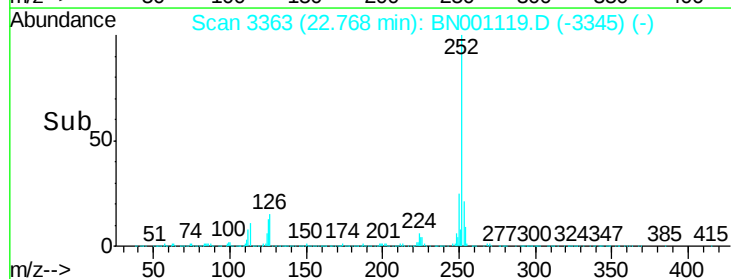
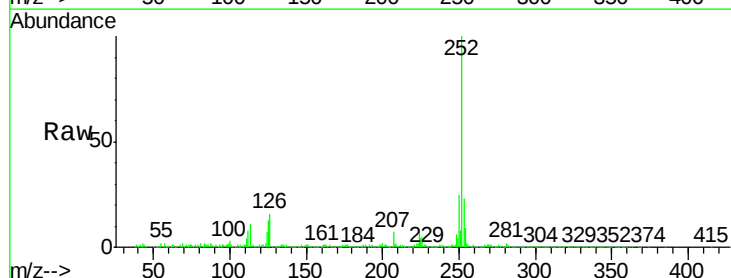
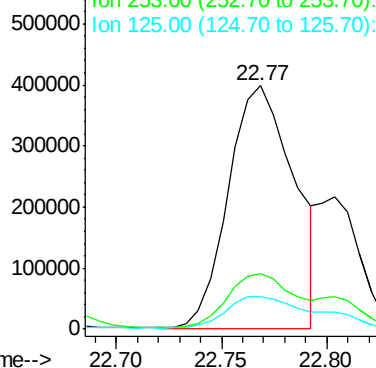
Delta R.T. 0.01 min

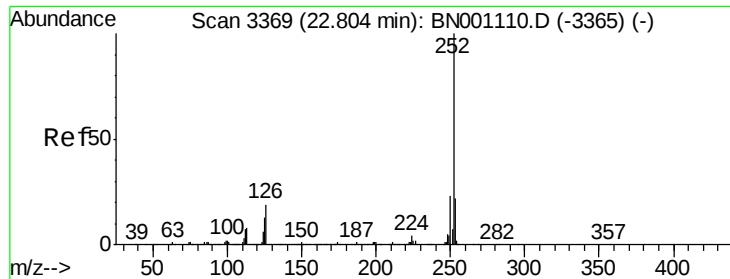
Lab File: BN001119.D

Acq: 03 May 2018 22:07

Tgt Ion:	252	Resp:	856264
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.0	27.0
125	13.4	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





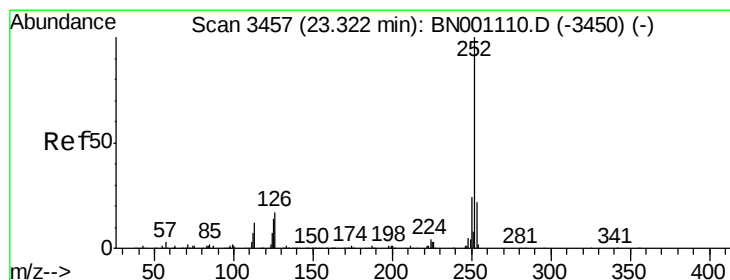
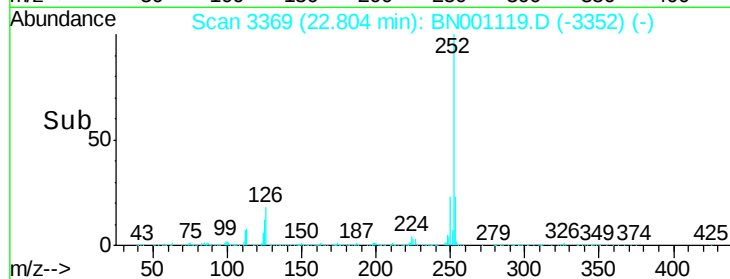
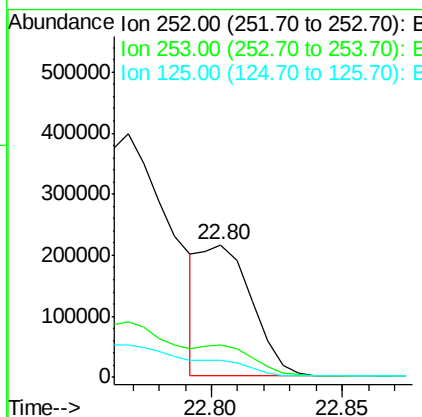
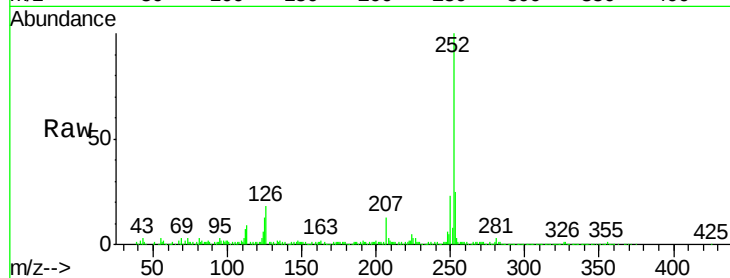
#24
Benzo(k)fluoranthene
Concen: 12.413 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. -0.00 min
Lab File: BN001119.D
Acq: 03 May 2018 22:07

Instrument :
BNA_N
ClientSampled :
DAS97

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	13.2	8.1	12.1

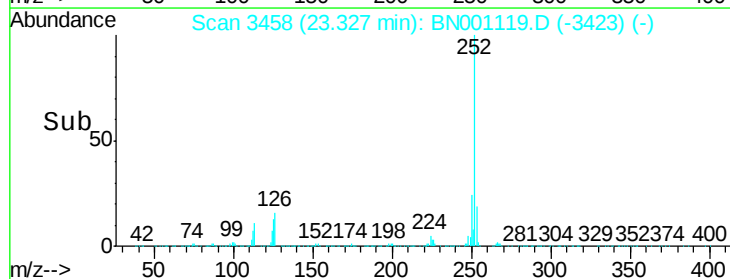
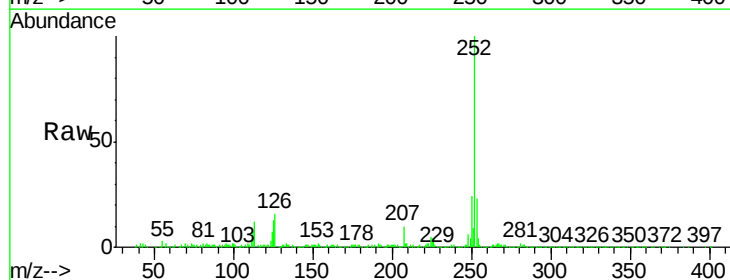
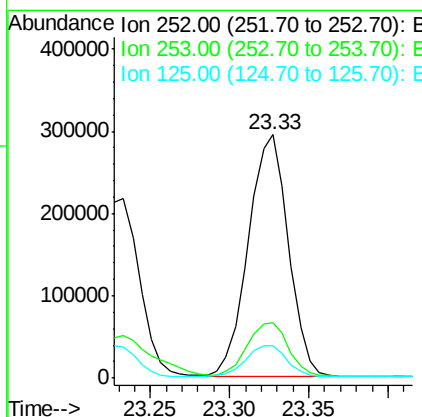
Manual Integrations
APPROVED

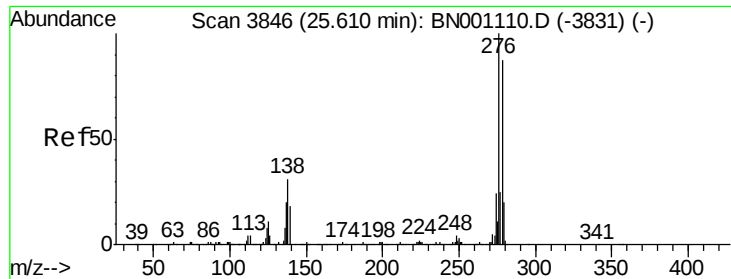
Sohil
5/4/2018 1:33:44 PM



#26
Benzo(a)pyrene
Concen: 22.848 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BN001119.D
Acq: 03 May 2018 22:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	13.3	8.2	12.4





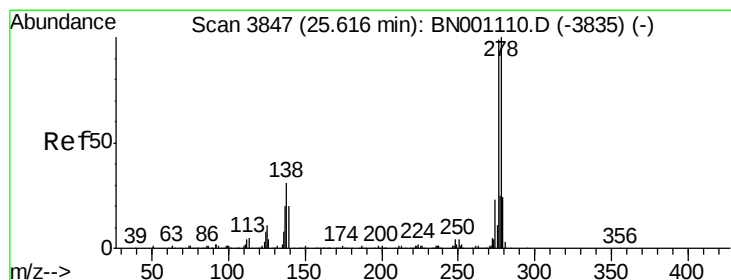
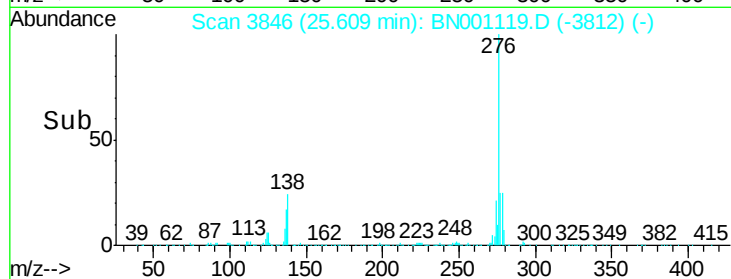
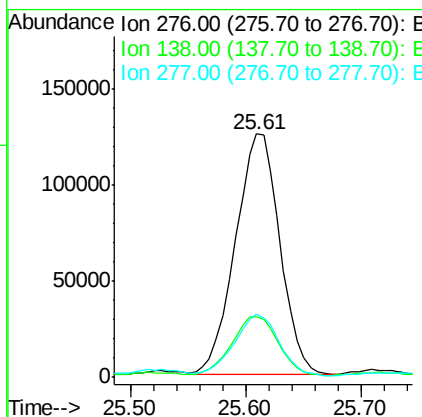
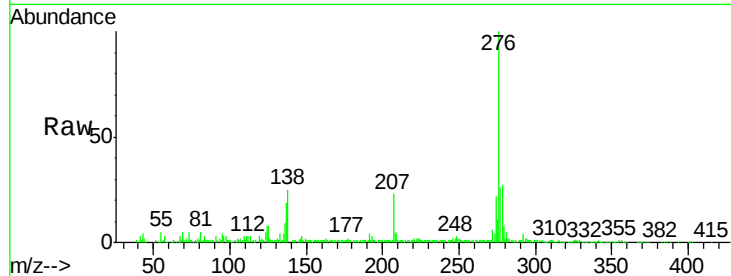
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 12.279 ng/ul
 RT: 25.61 min Scan# 3846
 Delta R.T. -0.00 min
 Lab File: BN001119.D
 Acq: 03 May 2018 22:07

Instrument :
 BNA_N
 ClientSampleId :
 DAS97

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

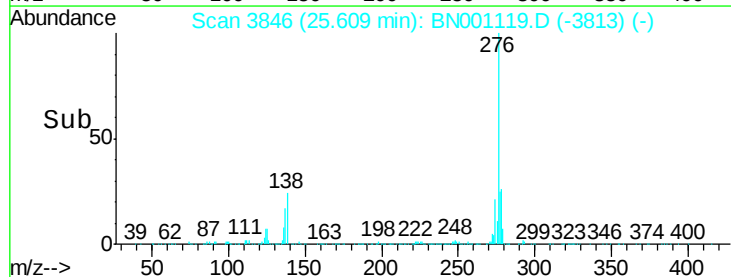
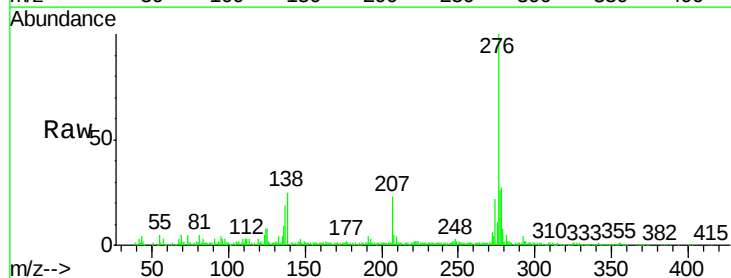
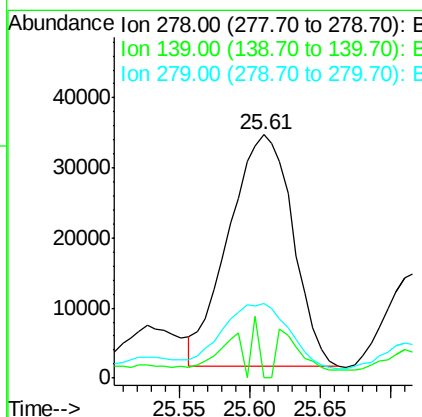
Manual Integrations
 APPROVED

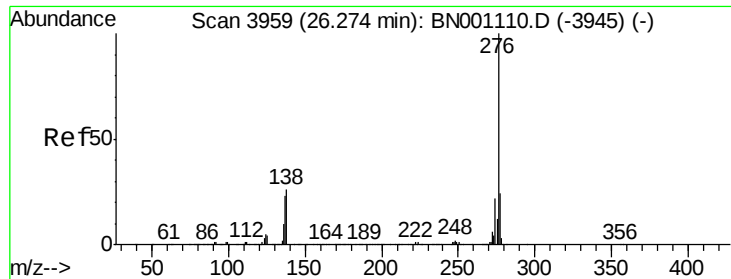
Sohil
 5/4/2018 1:33:44 PM



#28
 Dibenzo(a,h)anthracene
 Concen: 4.581 ng/ul
 RT: 25.61 min Scan# 3846
 Delta R.T. -0.01 min
 Lab File: BN001119.D
 Acq: 03 May 2018 22:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	30.7	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 13.366 ng/ul

RT: 26.29 min Scan# 3961

Delta R.T. 0.01 min

Lab File: BN001119.D

Acq: 03 May 2018 22:07

Instrument :

BNA_N

ClientSampleId :

DAS97

Tot Ion: 276 Resp: 305828

Ion Ratio Lower Upper

276 100

138 24.5 15.3 22.9#

277 24.5 19.0 28.4

Manual Integrations

APPROVED

Sohil

5/4/2018 1:33:44 PM

