

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
 Data File : BN004300.D
 Acq On : 29 Dec 2018 14:25
 Operator : JU/SJ
 Sample : J6428-08
 Misc : GCMS Confirmation
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W2

Manual Integrations
 APPROVED

Sohil
 1/2/2019 3:42:17 PM

Quant Time: Dec 31 01:58:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 28 03:12:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	26962	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	128078	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	87353	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	208953	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	225290	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	204968	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

					Qvalue	
69) Phenanthrene	17.25	178	161109	13.345	ng/ul	99
71) Anthracene	17.34	178	17202	1.390	ng/ul	99
76) Fluoranthene	19.26	202	276595	18.691	ng/ul	98
79) Pyrene	19.63	202	197271	15.674	ng/ul	100
82) Benzo(a)anthracene	21.37	228	104167	7.415	ng/ul	100
84) Chrysene	21.43	228	110662	8.410	ng/ul	100
87) Benzo(b)fluoranthene	23.01	252	114706	9.342	ng/ul#	97
88) Benzo(k)fluoranthene	23.05	252	40326m	3.508	ng/ul	
91) Indeno(1,2,3-cd)pyrene	26.07	276	20741	1.346	ng/ul	97

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

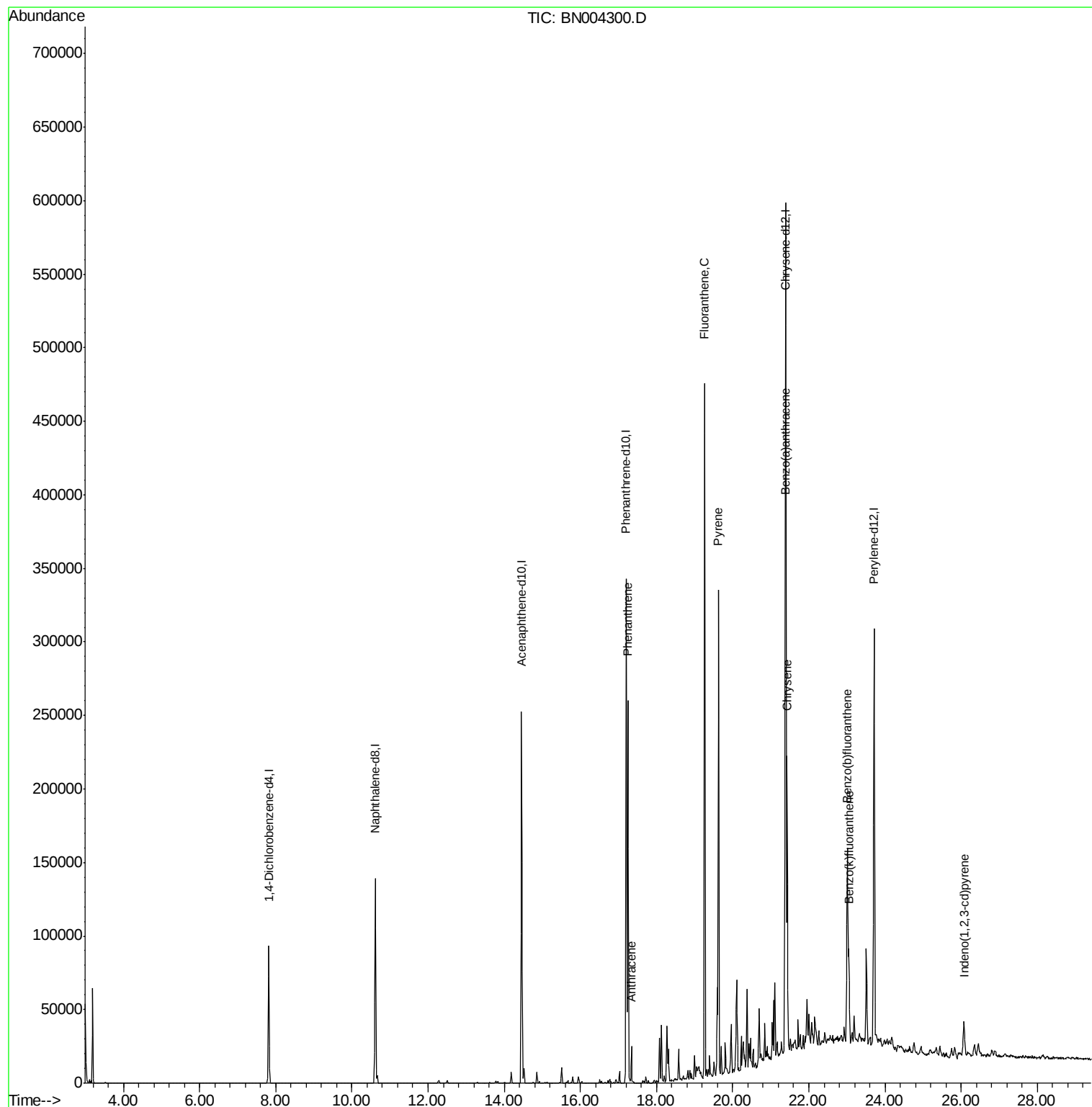
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004300.D
Acq On : 29 Dec 2018 14:25
Operator : JU/SJ
Sample : J6428-08
Misc : GCMS Confirmation
ALS Vial : 36 Sample Multiplier: 1

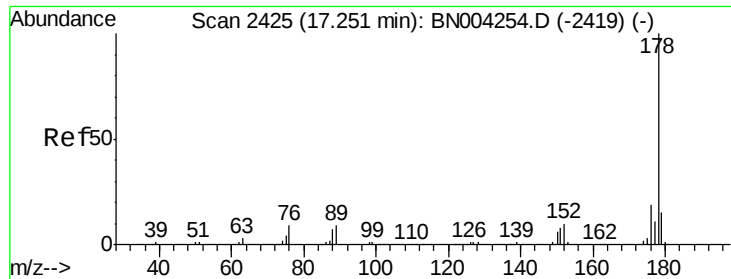
Instrument :
BNA_N
ClientSampleId :
A41W2

Manual Integrations
APPROVED

Sohil
1/2/2019 3:42:17 PM

Quant Time: Dec 31 01:58:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration





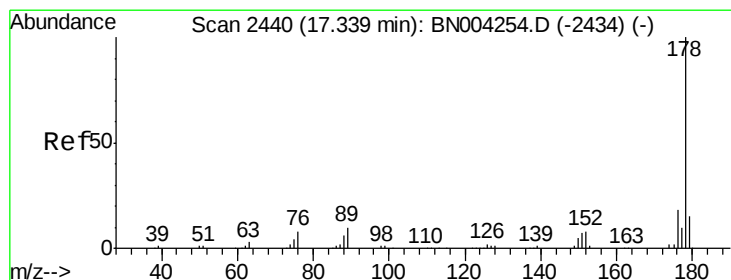
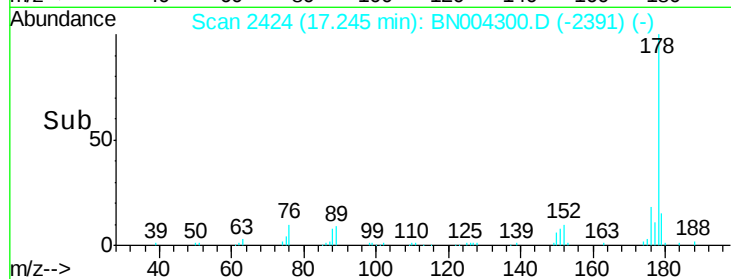
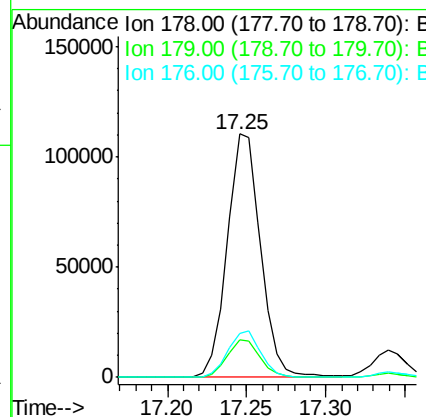
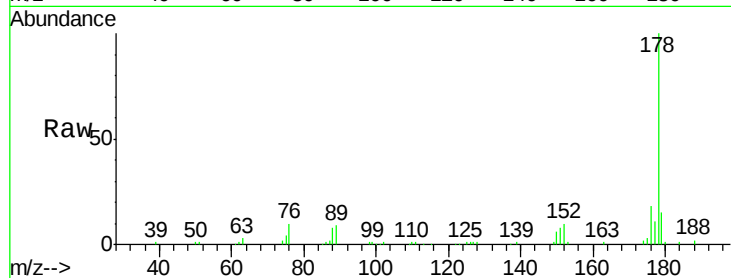
#69
Phenanthrene
Concen: 13.345 ng/ul
RT: 17.25 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BN004300.D
Acq: 29 Dec 2018 14:25

Instrument :
BNA_N
ClientSampleId :
A41W2

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	18.2	15.0	22.6

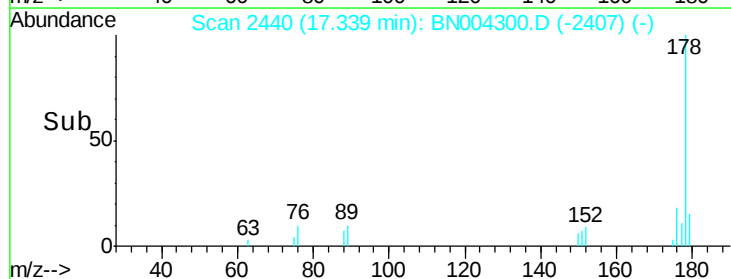
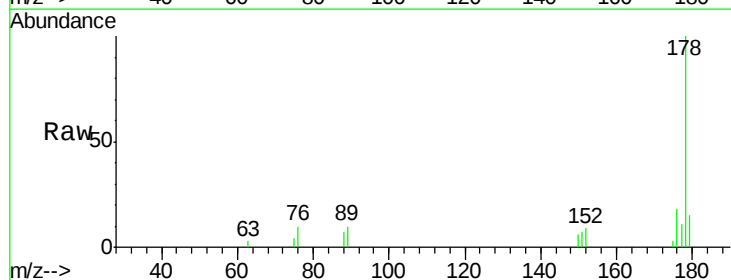
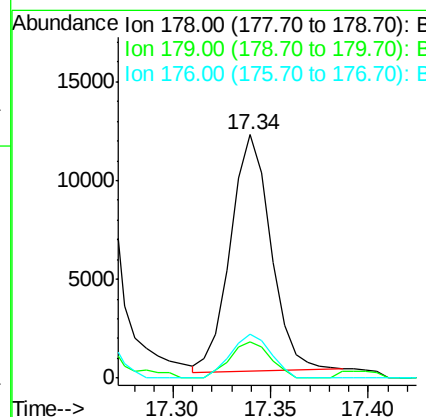
Manual Integrations
APPROVED

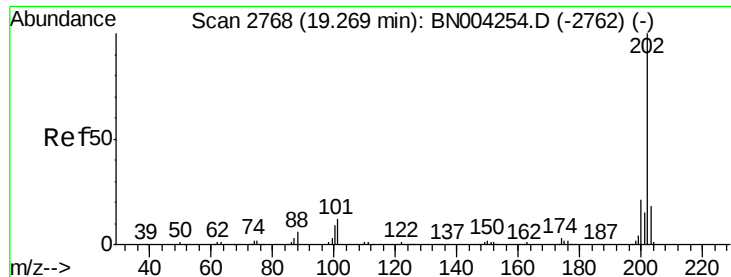
Sohil
1/2/2019 3:42:17 PM



#71
Anthracene
Concen: 1.390 ng/ul
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BN004300.D
Acq: 29 Dec 2018 14:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.1	18.1
176	18.1	15.2	22.8





#76

Fluoranthene

Concen: 18.691 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN004300.D

Acq: 29 Dec 2018 14:25

Instrument :

BNA_N

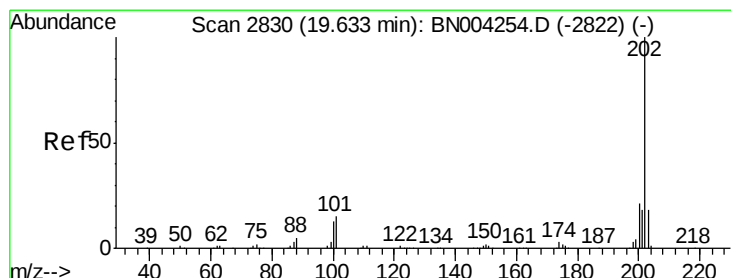
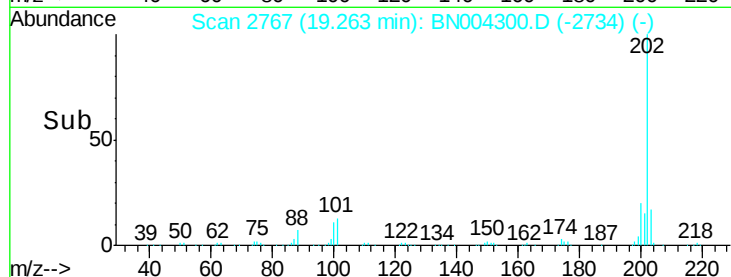
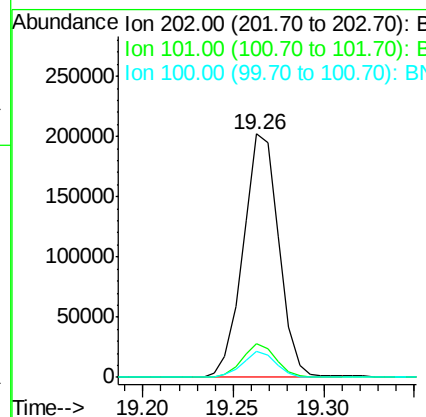
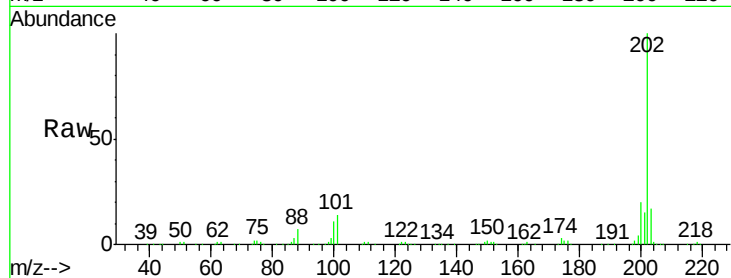
ClientSampled :

A41W2

Tgt	Ion	202	Resp:	276595
Ion	Ratio	Lower	Upper	
202	100			
101	13.6	10.2	15.2	
100	10.6	7.8	11.8	

Manual Integrations
APPROVED

Sohil
1/2/2019 3:42:17 PM



#79

Pyrene

Concen: 15.674 ng/ul

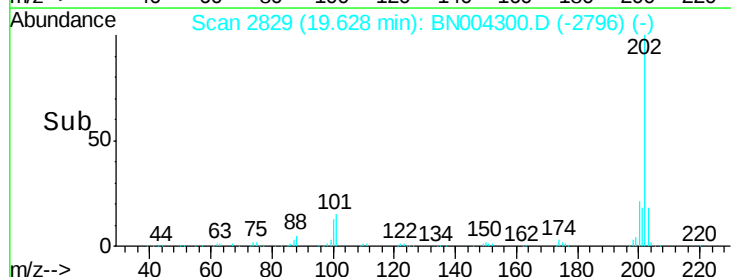
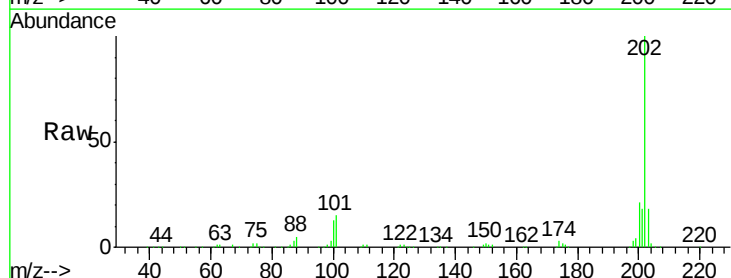
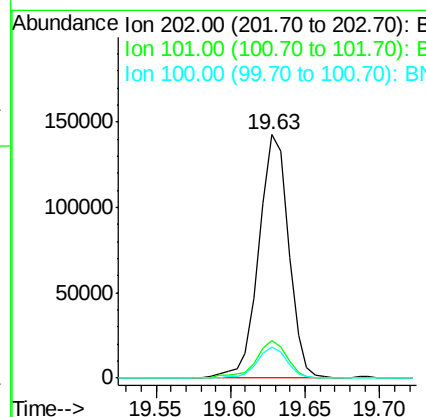
RT: 19.63 min Scan# 2829

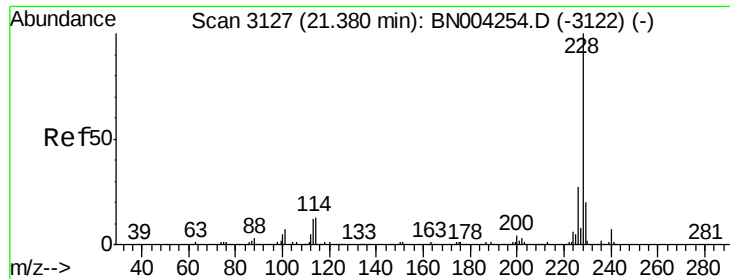
Delta R.T. -0.01 min

Lab File: BN004300.D

Acq: 29 Dec 2018 14:25

Tgt	Ion	202	Resp:	197271
Ion	Ratio	Lower	Upper	
202	100			
101	15.3	12.2	18.2	
100	12.7	9.9	14.9	





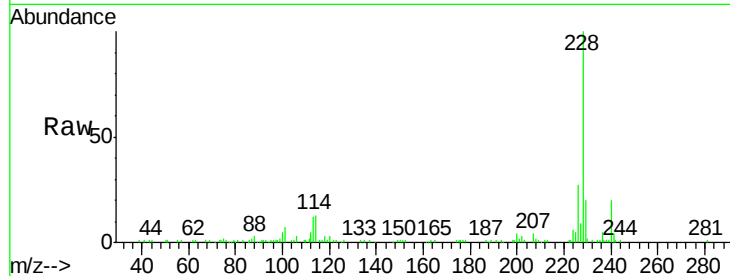
#82
Benzo(a)anthracene
Concen: 7.415 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BN004300.D
Acq: 29 Dec 2018 14:25

Instrument :
BNA_N
ClientSampleId :
A41W2

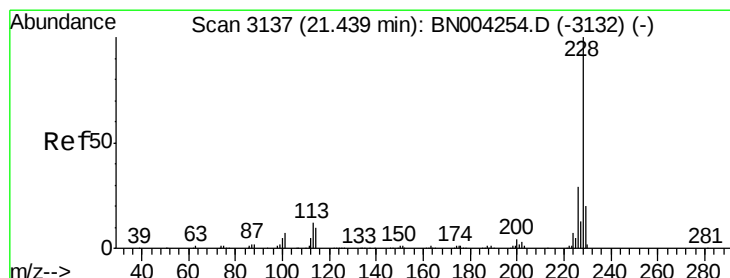
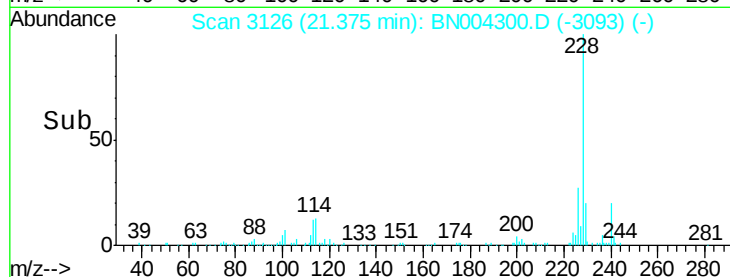
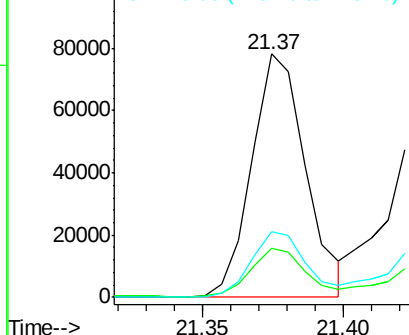
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	26.9	21.4	32.2

Manual Integrations
APPROVED

Sohil
1/2/2019 3:42:17 PM



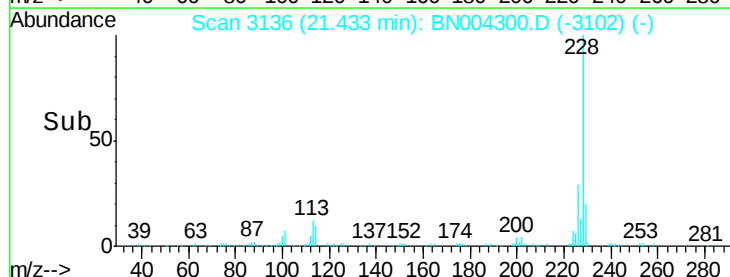
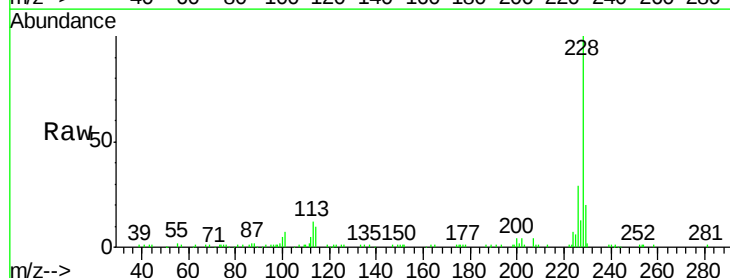
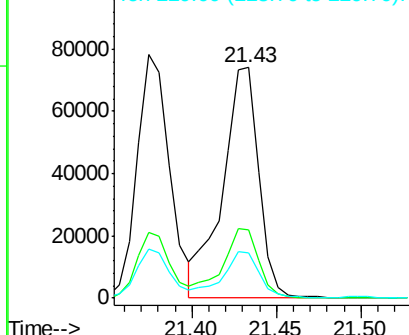
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

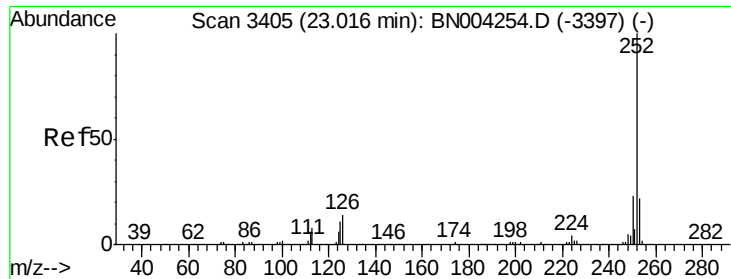


#84
Chrysene
Concen: 8.410 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BN004300.D
Acq: 29 Dec 2018 14:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.8
229	19.7	15.8	23.6

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





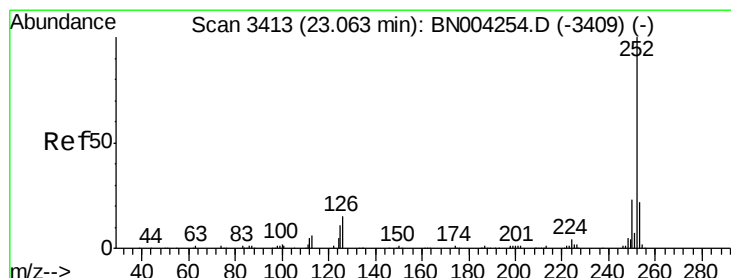
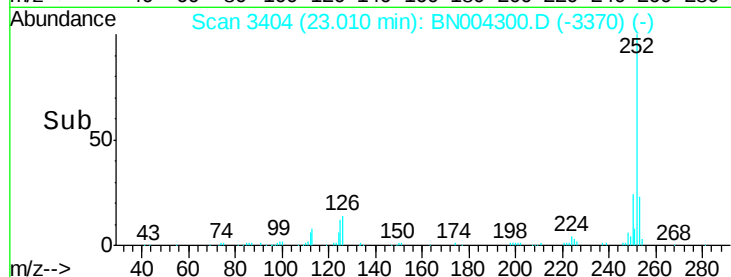
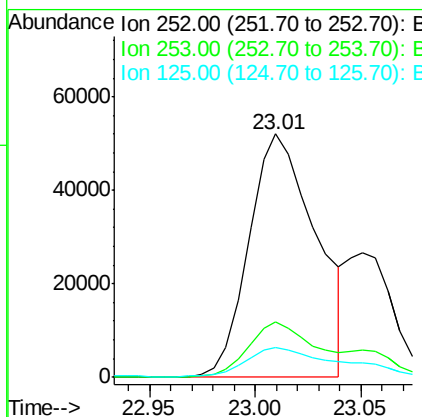
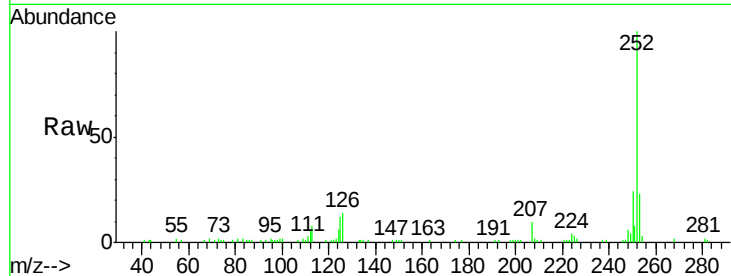
#87
Benzo(b)fluoranthene
Concen: 9.342 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. 0.00 min
Lab File: BN004300.D
Acq: 29 Dec 2018 14:25

Instrument :
BNA_N
ClientSampleId :
A41W2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	12.4	8.2	12.4#

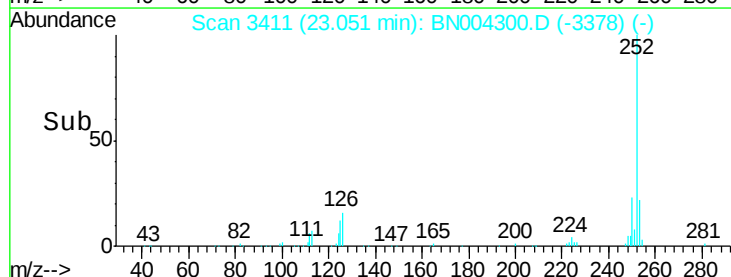
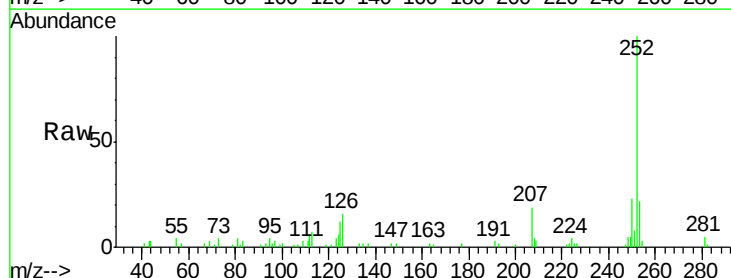
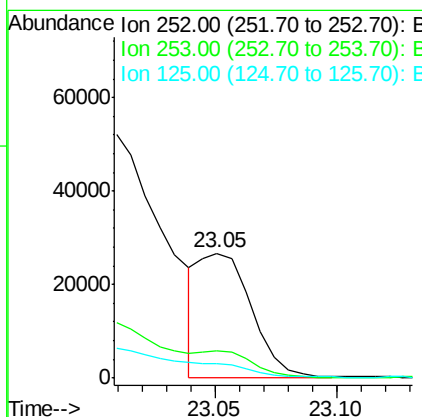
Manual Integrations
APPROVED

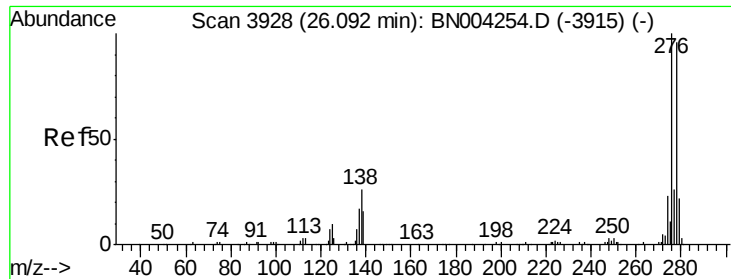
Sohil
1/2/2019 3:42:17 PM



#88
Benzo(k)fluoranthene
Concen: 3.508 ng/ul m
RT: 23.05 min Scan# 3411
Delta R.T. -0.01 min
Lab File: BN004300.D
Acq: 29 Dec 2018 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.0	7.9	11.9#





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.346 ng/ul

RT: 26.07 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BN004300.D

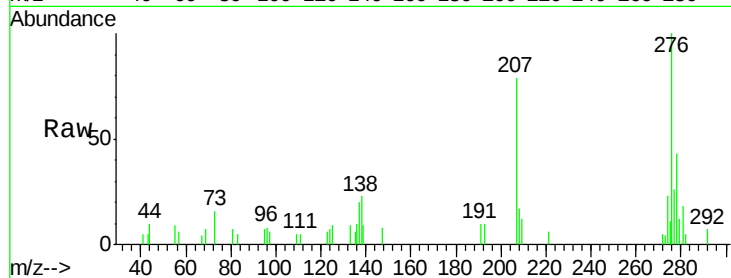
Acq: 29 Dec 2018 14:25

Instrument :

BNA_N

ClientSampleId :

A41W2



Tgt Ion: 276 Resp: 20741

Ion Ratio Lower Upper

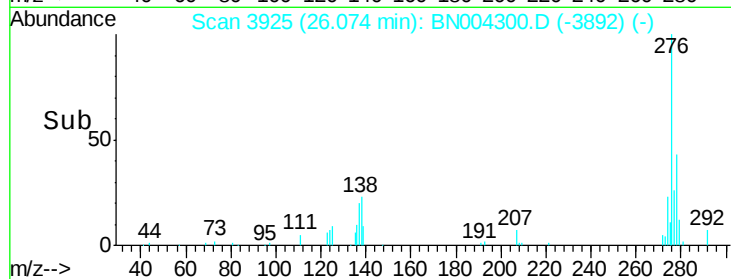
276 100

138 22.6 20.4 30.6

277 25.8 20.6 30.8

Manual Integrations
APPROVED

Sohil
1/2/2019 3:42:17 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

