

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
 Data File : BN004301.D
 Acq On : 29 Dec 2018 15:00
 Operator : JU/SJ
 Sample : J6428-05
 Misc : GCMS Confirmation
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41T9

Manual Integrations
 APPROVED

Sohil
 1/2/2019 3:42:19 PM

Quant Time: Dec 31 02:45:01 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	31145	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	149813	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	91230	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	206375	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	206913	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	189029	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	0d	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	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	
47) Acenaphthylene	14.18	152	13876	1.508	ng/ul	98
49) Acenaphthene	14.52	153	8814	1.345	ng/ul	98
53) Dibenzofuran	14.86	168	11431	1.229	ng/ul	100
58) Fluorene	15.50	166	12620	1.629	ng/ul	99
69) Phenanthrene	17.25	178	309239	25.934	ng/ul	99
71) Anthracene	17.34	178	72844	5.960	ng/ul	99
76) Fluoranthene	19.27	202	603162	41.268	ng/ul	100
79) Pyrene	19.63	202	478053	41.356	ng/ul	99
80) Butylbenzylphthalate	20.51	149	28552	5.528	ng/ul	98
82) Benzo(a)anthracene	21.38	228	258415	20.028	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	41368	5.243	ng/ul	98
84) Chrysene	21.43	228	226572	18.748	ng/ul	99
87) Benzo(b)fluoranthene	23.02	252	292527	25.834	ng/ul#	97
88) Benzo(k)fluoranthene	23.06	252	99044m	9.341	ng/ul	
90) Benzo(a)pyrene	23.62	252	170185	15.606	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.07	276	122363	8.608	ng/ul	94
92) Dibenzo(a,h)anthracene	26.07	278	33760	2.857	ng/ul#	83
93) Benzo(g,h,i)perylene	26.81	276	115483	9.706	ng/ul	99

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

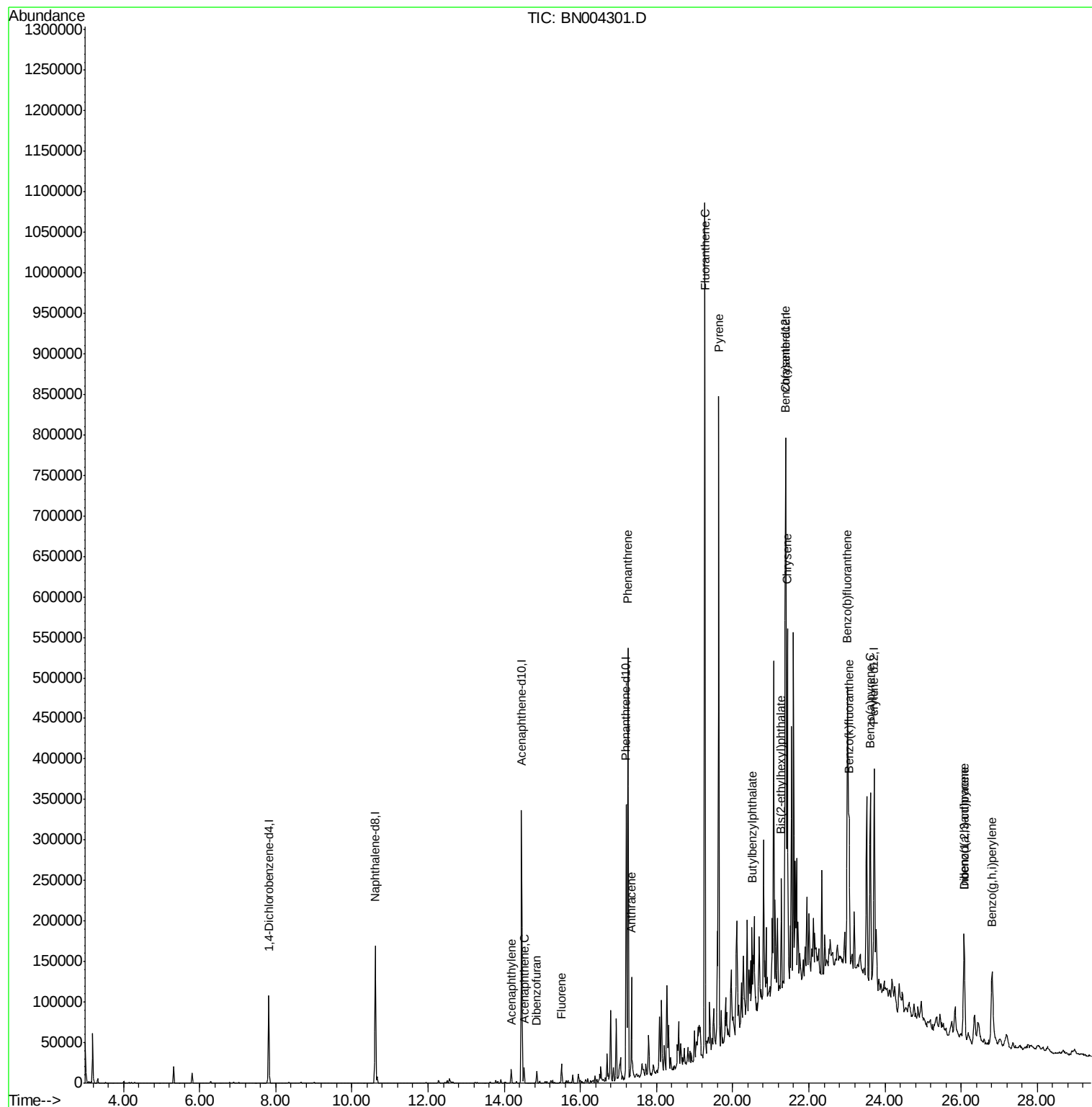
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004301.D
Acq On : 29 Dec 2018 15:00
Operator : JU/SJ
Sample : J6428-05
Misc : GCMS Confirmation
ALS Vial : 37 Sample Multiplier: 1

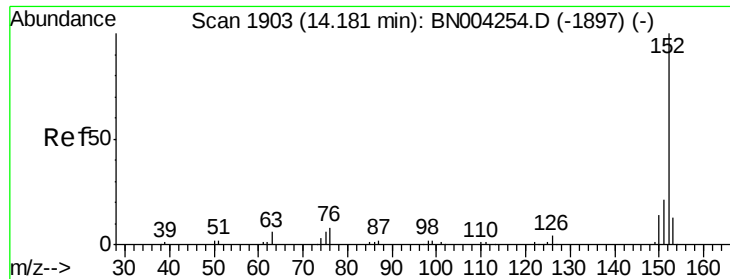
Instrument :
BNA_N
ClientSampleId :
A41T9

Manual Integrations
APPROVED

Sohil
1/2/2019 3:42:19 PM

Quant Time: Dec 31 02:45:01 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





#47

Acenaphthylene

Concen: 1.508 ng/ul

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BN004301.D

Acq: 29 Dec 2018 15:00

Instrument :

BNA_N

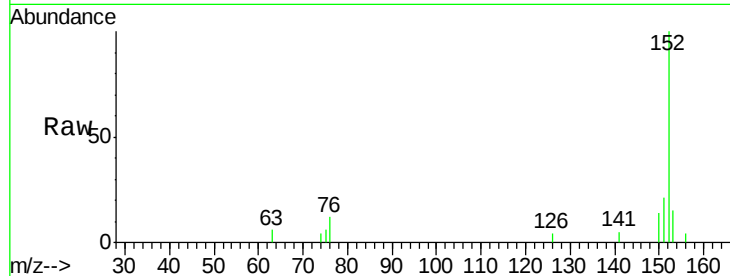
ClientSampleId :

A41T9

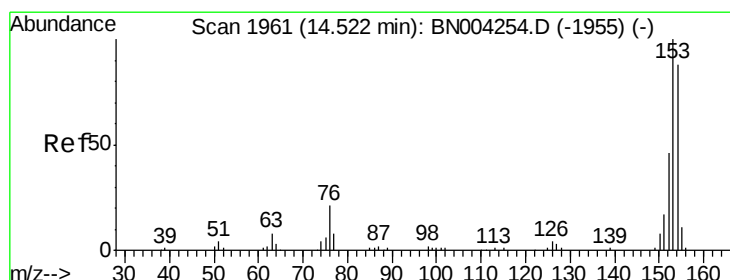
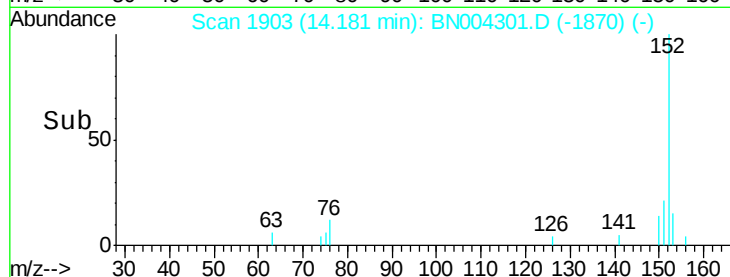
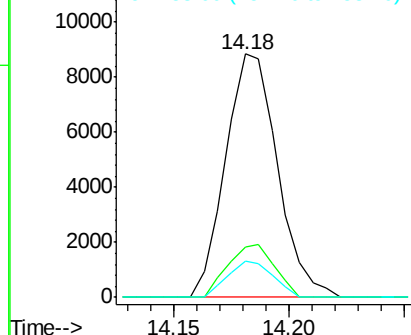
Tgt Ion:	152	Resp:	13876
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.2	24.2
153	14.8	10.6	15.8

Manual Integrations
APPROVED

Sohil
1/2/2019 3:42:19 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 1.345 ng/ul

RT: 14.52 min Scan# 1961

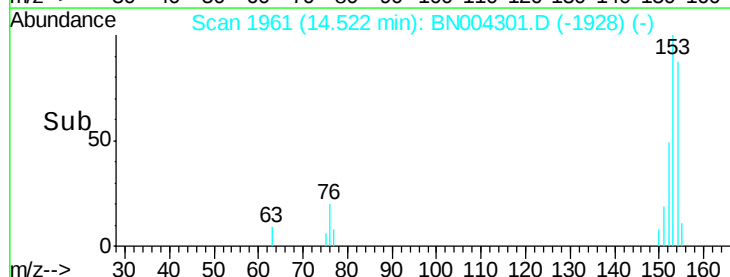
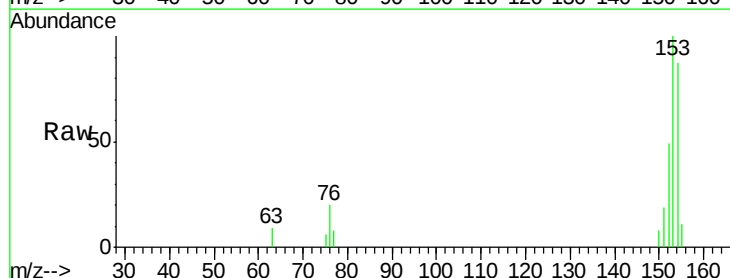
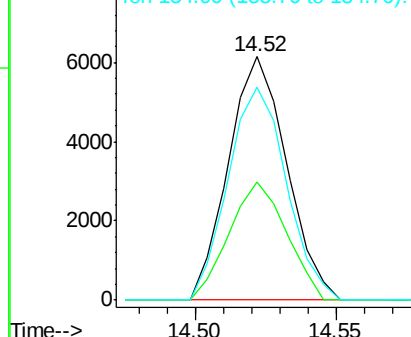
Delta R.T. -0.01 min

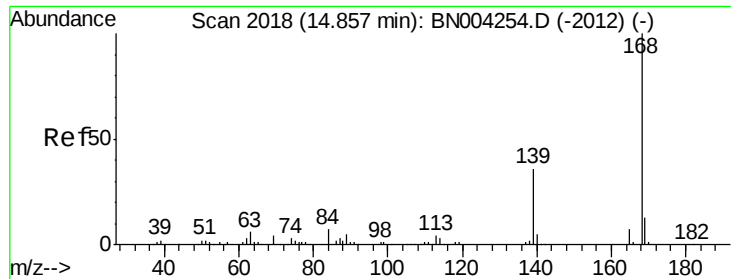
Lab File: BN004301.D

Acq: 29 Dec 2018 15:00

Tgt Ion:	153	Resp:	8814
Ion Ratio	Lower	Upper	
153	100		
152	48.8	37.8	56.6
154	87.3	71.0	106.6

Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





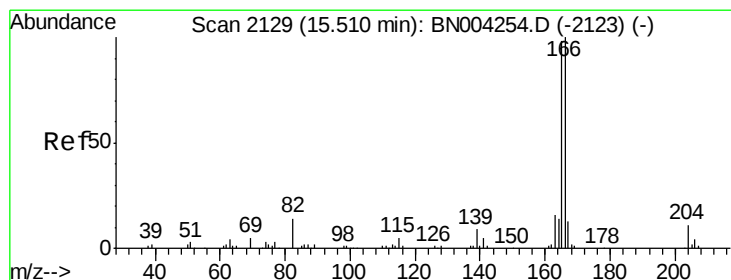
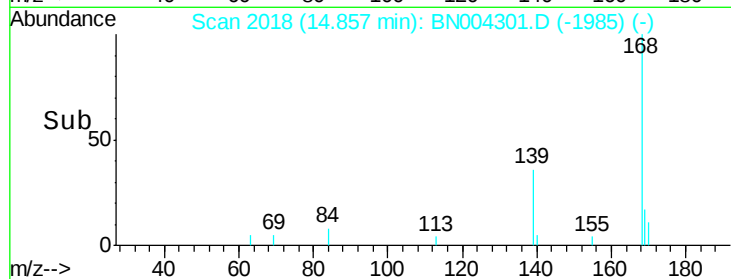
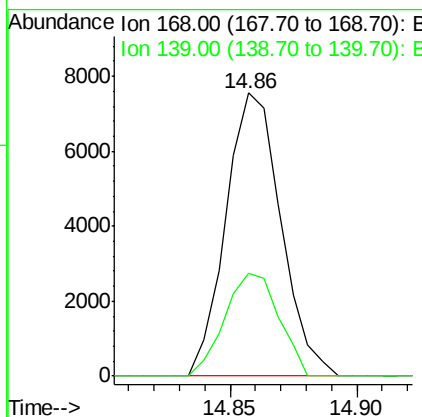
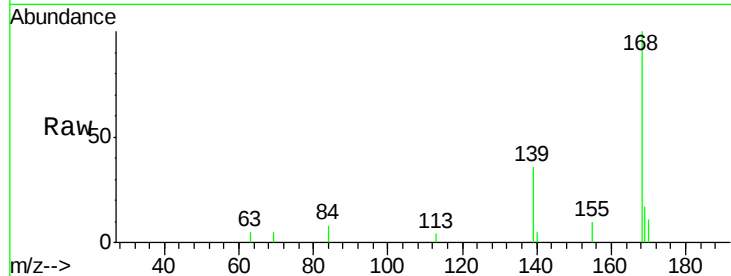
#53
Dibenzenofuran
Concen: 1.229 ng/ul
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Instrument :
BNA_N
ClientSampleId :
A41T9

Tgt Ion:168 Resp: 11431
Ion Ratio Lower Upper
168 100
139 36.3 28.8 43.2

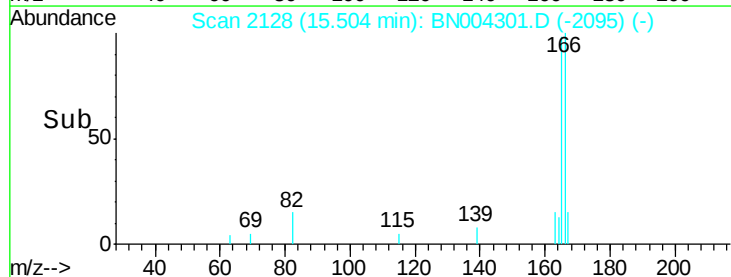
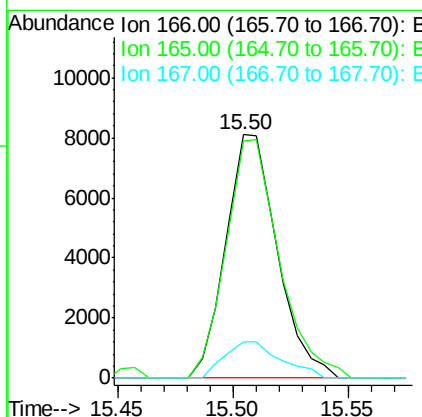
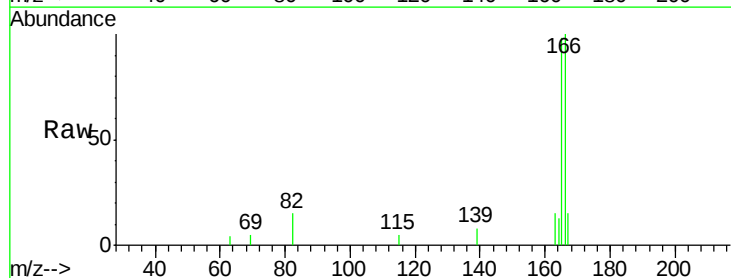
Manual Integrations
APPROVED

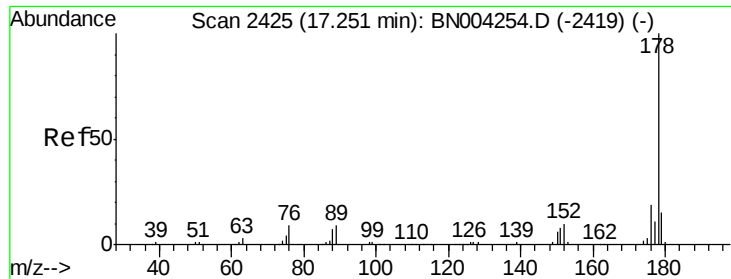
Sohil
1/2/2019 3:42:19 PM



#58
Fluorene
Concen: 1.629 ng/ul
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Tgt Ion:166 Resp: 12620
Ion Ratio Lower Upper
166 100
165 97.6 78.6 117.8
167 15.0 10.3 15.5





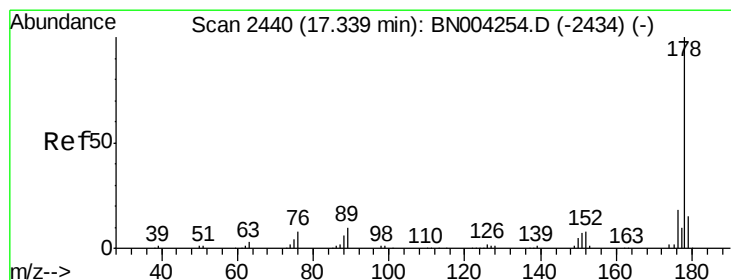
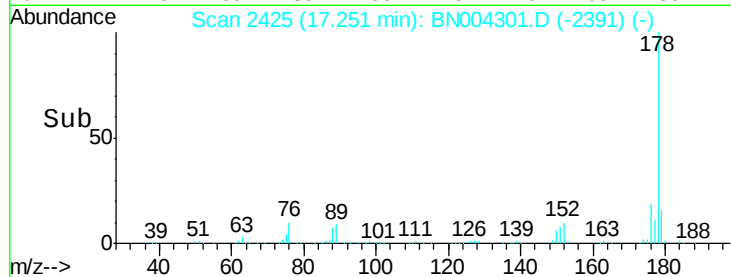
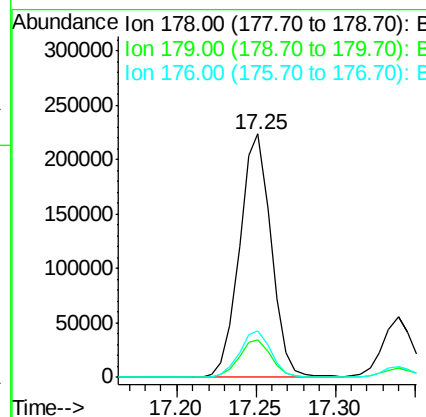
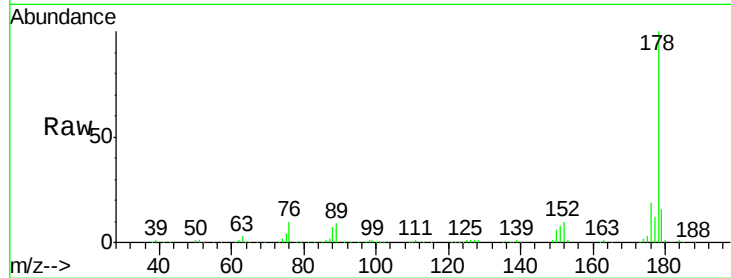
#69
 Phenanthrene
 Concen: 25.934 ng/ul
 RT: 17.25 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BN004301.D
 Acq: 29 Dec 2018 15:00

Instrument :
 BNA_N
 ClientSampleId :
 A41T9

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	19.1	15.0	22.6

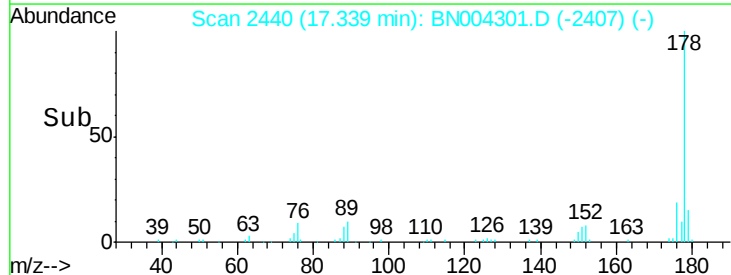
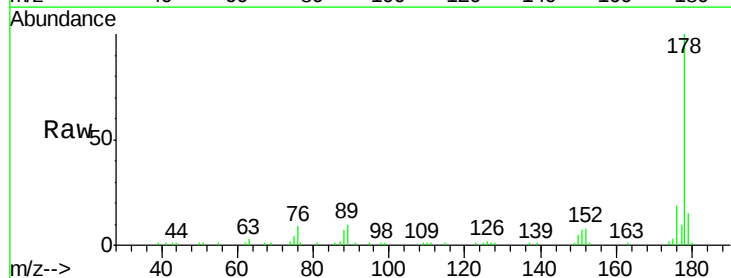
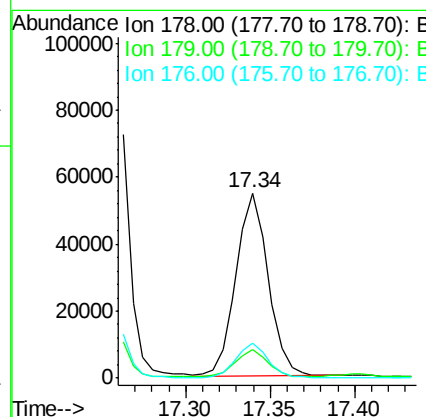
Manual Integrations
 APPROVED

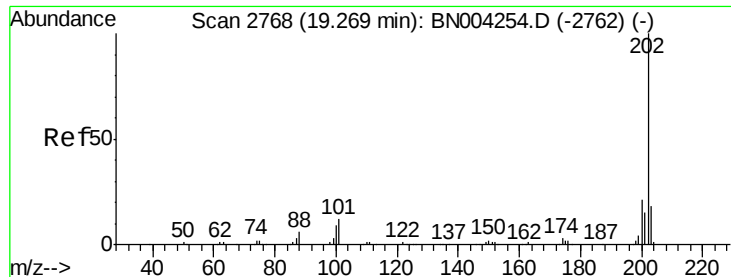
Sohil
 1/2/2019 3:42:19 PM



#71
 Anthracene
 Concen: 5.960 ng/ul
 RT: 17.34 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BN004301.D
 Acq: 29 Dec 2018 15:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.1	18.1
176	18.6	15.2	22.8





#76

Fluoranthene

Concen: 41.268 ng/ul

RT: 19.27 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BN004301.D

Acq: 29 Dec 2018 15:00

Instrument :

BNA_N

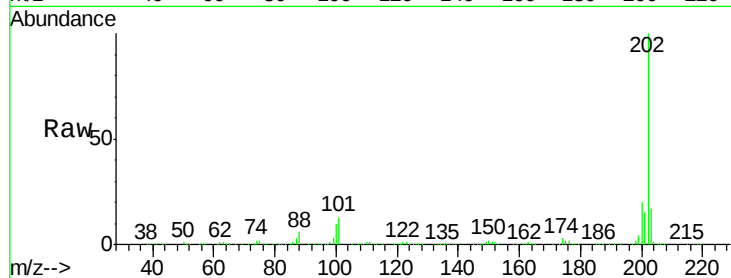
ClientSampleId :

A41T9

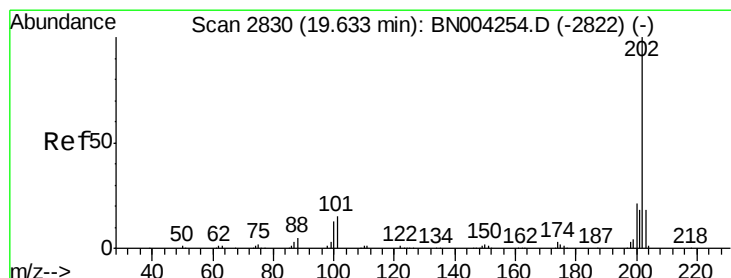
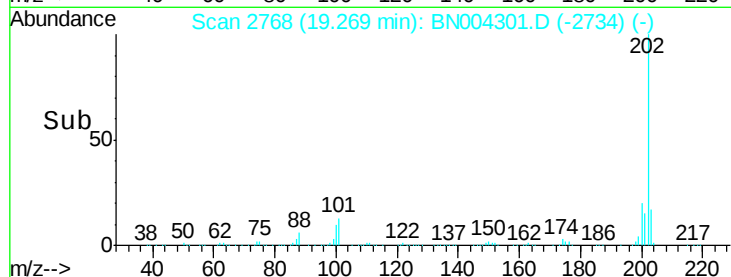
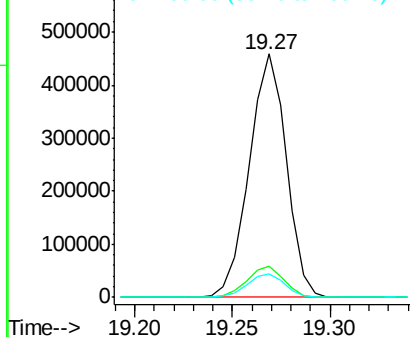
Tgt Ion:	202	Resp:	603162
Ion Ratio	Lower	Upper	
202	100		
101	12.8	10.2	15.2
100	9.8	7.8	11.8

Manual Integrations
APPROVED

Sohil
1/2/2019 3:42:19 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



#79

Pyrene

Concen: 41.356 ng/ul

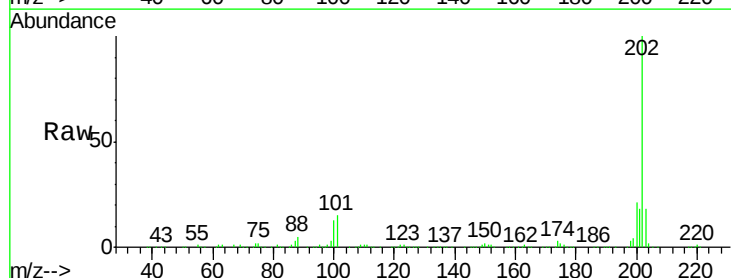
RT: 19.63 min Scan# 2830

Delta R.T. 0.00 min

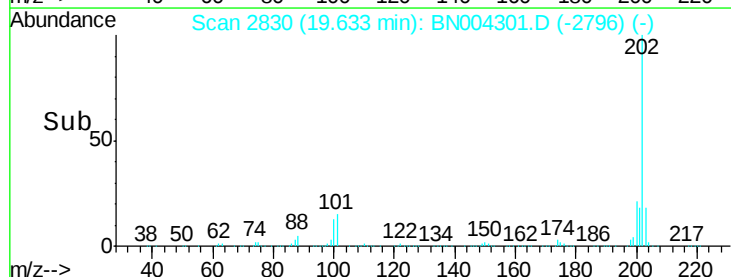
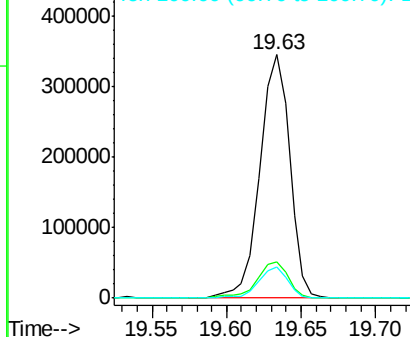
Lab File: BN004301.D

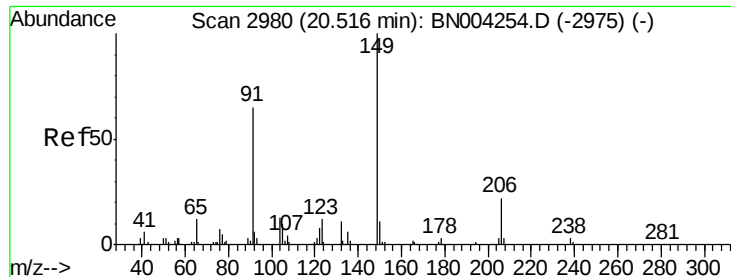
Acq: 29 Dec 2018 15:00

Tgt Ion:	202	Resp:	478053
Ion Ratio	Lower	Upper	
202	100		
101	14.8	12.2	18.2
100	12.5	9.9	14.9



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





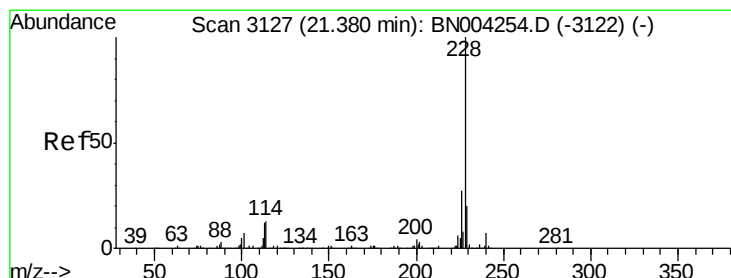
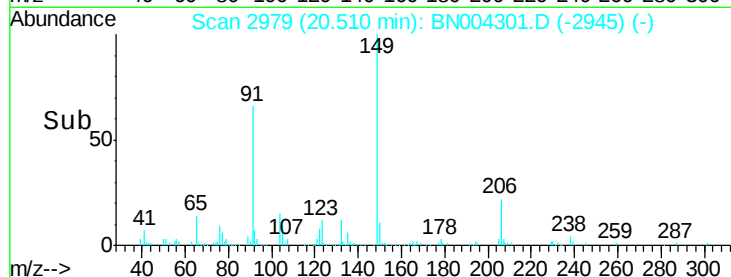
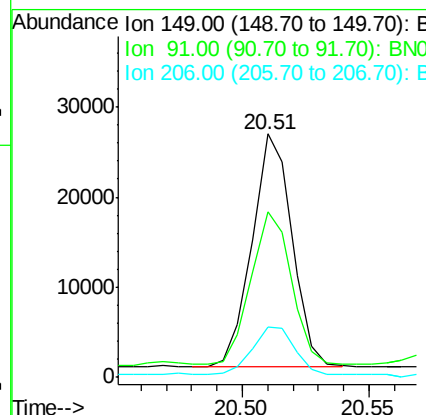
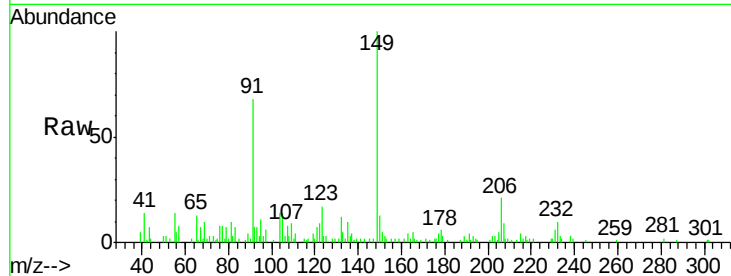
#80
Butylbenzylphthalate
Concen: 5.528 ng/ul
RT: 20.51 min Scan# 2979
Delta R.T. 0.00 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Instrument :
BNA_N
ClientSampleId :
A41T9

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	68.1	53.0	79.4
206	20.9	17.1	25.7

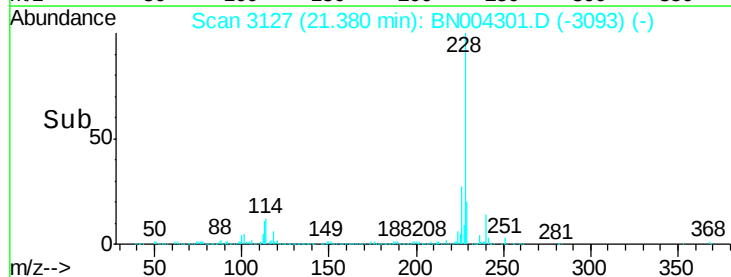
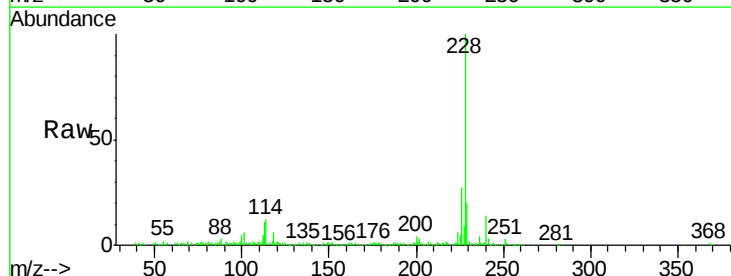
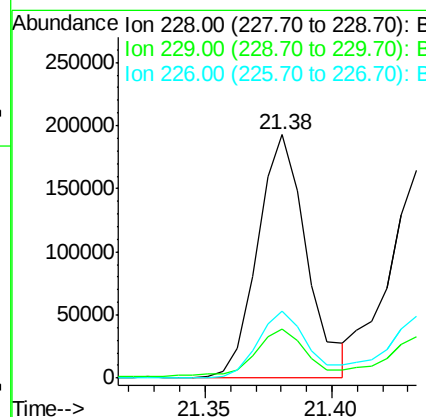
Manual Integrations
APPROVED

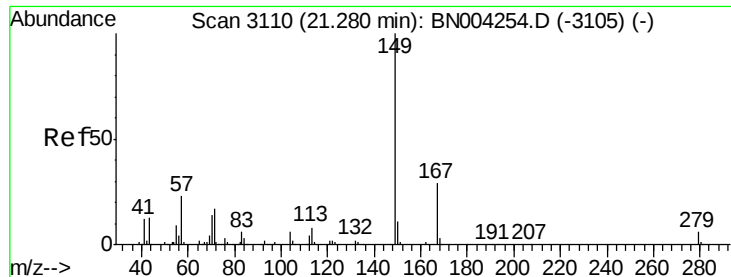
Sohil
1/2/2019 3:42:19 PM



#82
Benzo(a)anthracene
Concen: 20.028 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	15.9	23.9
226	27.4	21.4	32.2





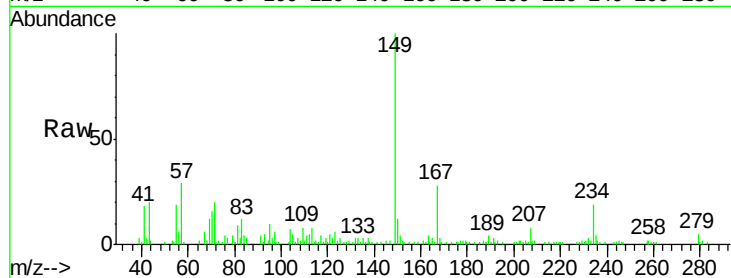
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.243 ng/ul
 RT: 21.27 min Scan# 3109
 Delta R.T. 0.00 min
 Lab File: BN004301.D
 Acq: 29 Dec 2018 15:00

Instrument :
 BNA_N
 ClientSampled :
 A41T9

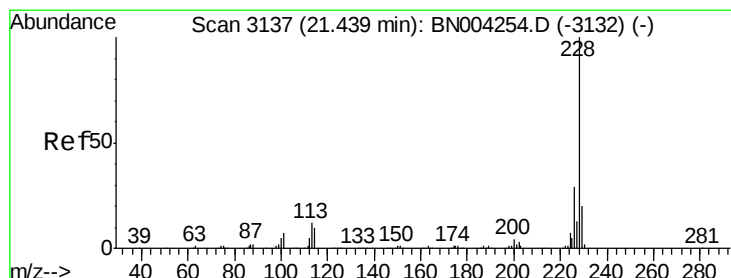
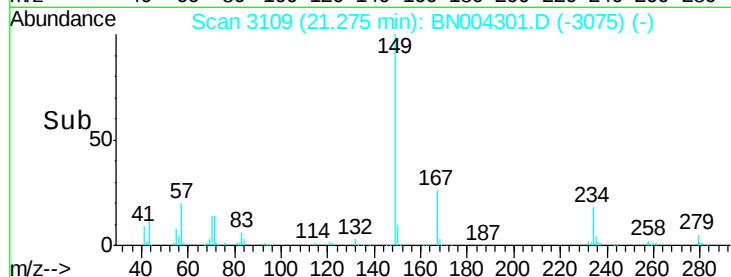
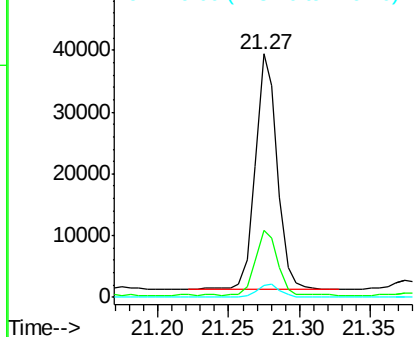
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	41368		
167	27.7	23.0	34.4	
279	5.1	4.4	6.6	

Manual Integrations
 APPROVED

Sohil
 1/2/2019 3:42:19 PM

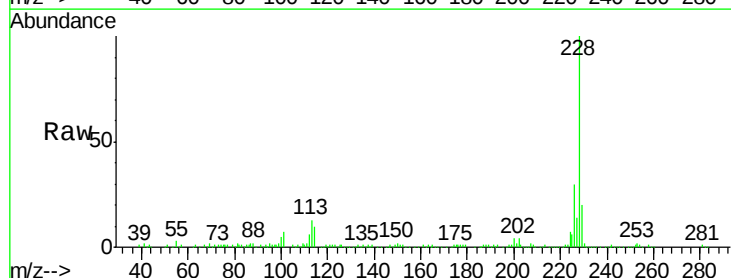


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

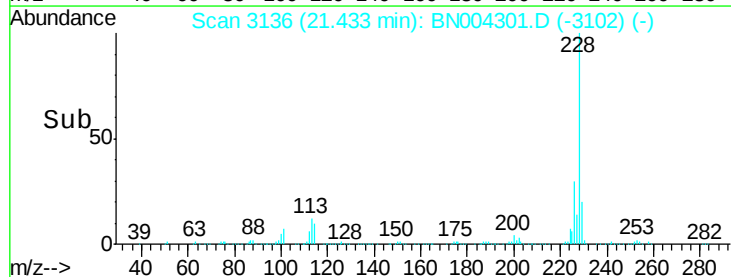
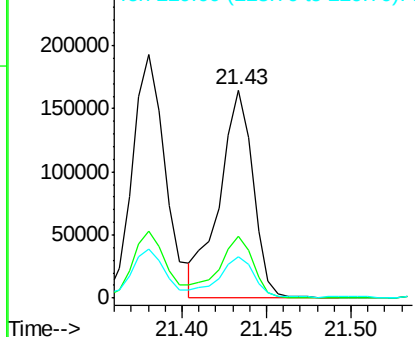


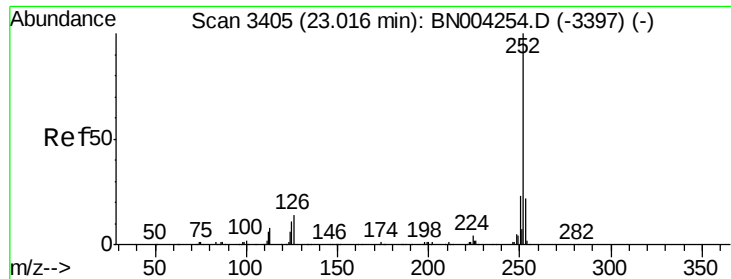
#84
 Chrysene
 Concen: 18.748 ng/ul
 RT: 21.43 min Scan# 3136
 Delta R.T. 0.00 min
 Lab File: BN004301.D
 Acq: 29 Dec 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	226572		
226	29.9	23.8	35.8	
229	20.2	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





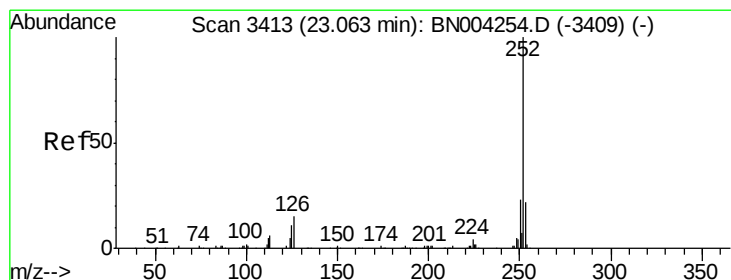
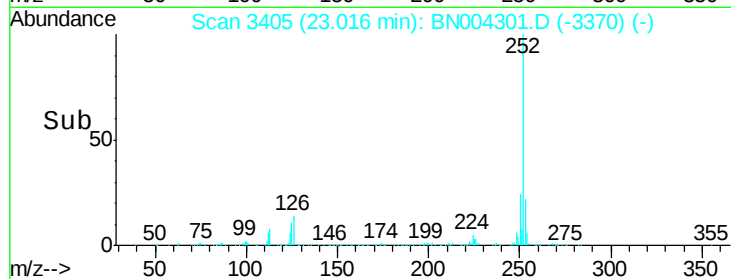
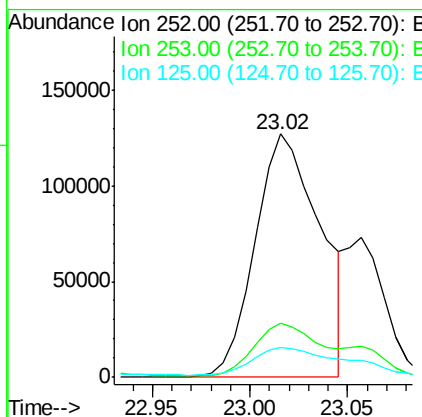
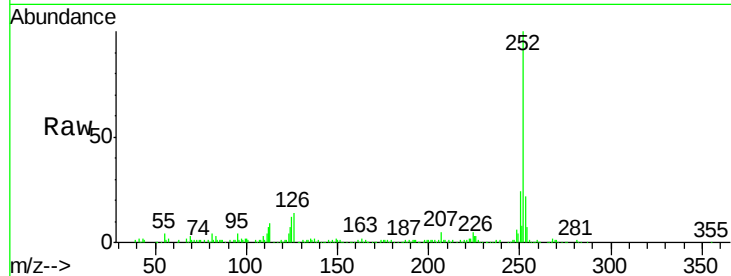
#87
Benzo(b)fluoranthene
Concen: 25.834 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Instrument :
BNA_N
ClientSampleId :
A41T9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	12.4	8.2	12.4#

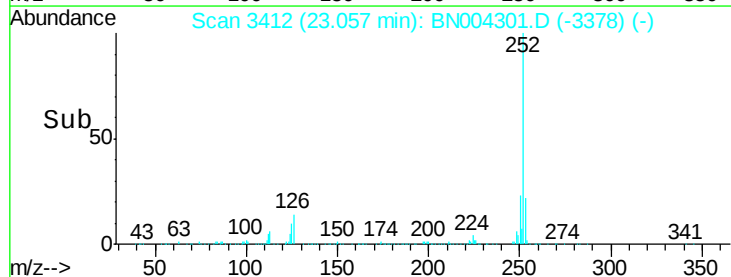
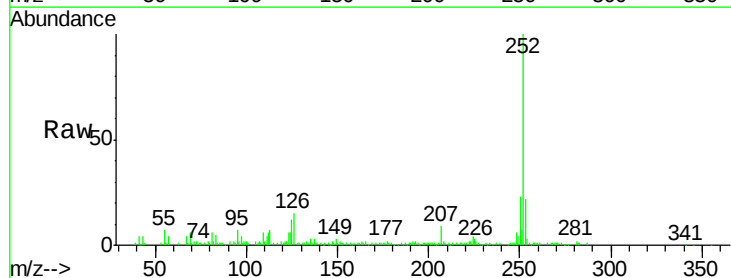
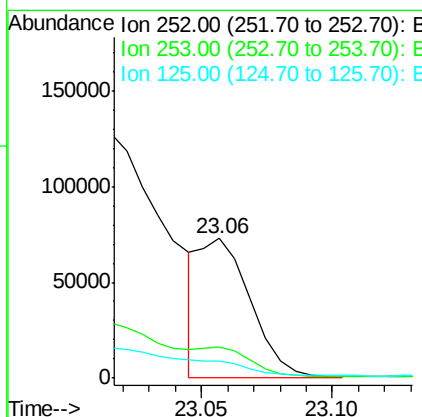
Manual Integrations
APPROVED

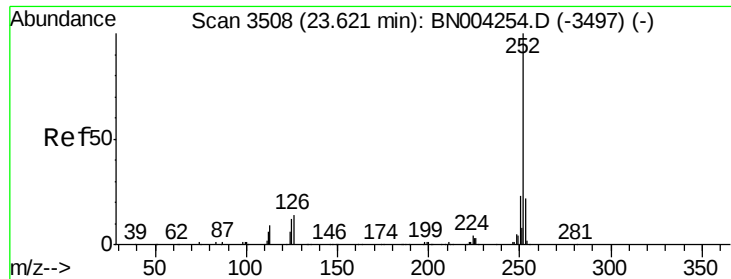
Sohil
1/2/2019 3:42:19 PM



#88
Benzo(k)fluoranthene
Concen: 9.341 ng/ul m
RT: 23.06 min Scan# 3412
Delta R.T. 0.00 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	12.2	7.9	11.9#





#90

Benzo(a)pyrene

Concen: 15.606 ng/u1

RT: 23.62 min Scan# 3507

Delta R.T. 0.00 min

Lab File: BN004301.D

Acq: 29 Dec 2018 15:00

Instrument :

BNA_N

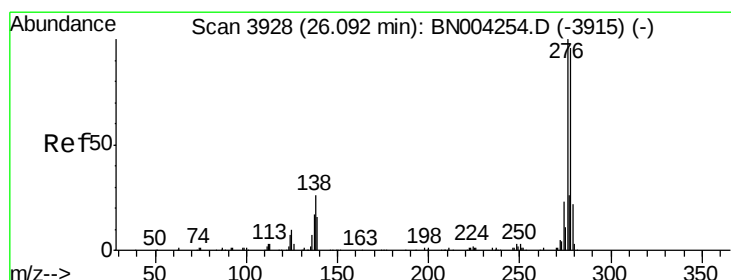
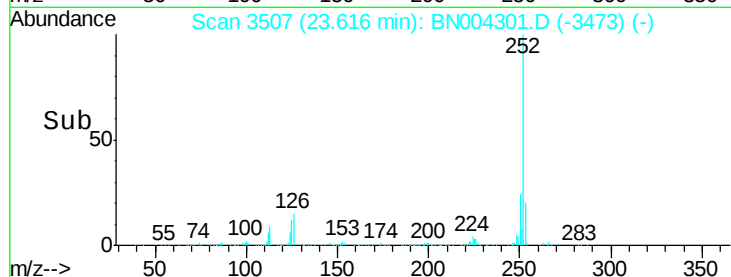
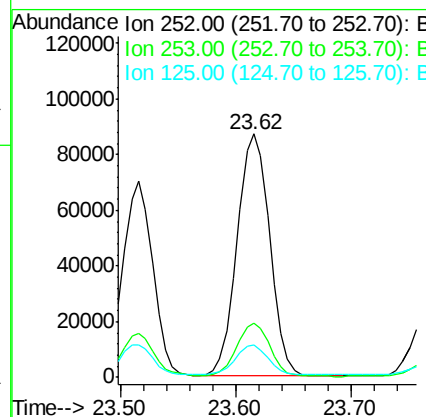
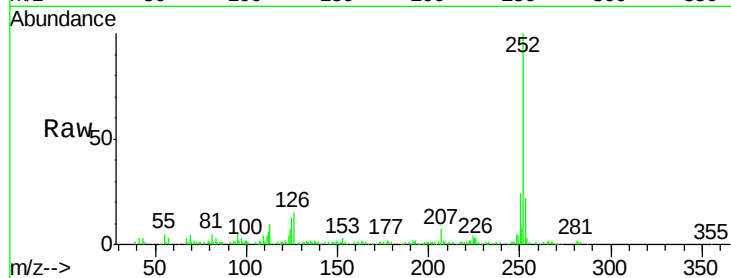
ClientSampled :

A41T9

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	170185		
253	22.1	17.5	26.3	
125	13.3	9.1	13.7	

Manual Integrations
APPROVED

Sohil
1/2/2019 3:42:19 PM



#91

Indeno(1,2,3-cd)pyrene

Concen: 8.608 ng/u1

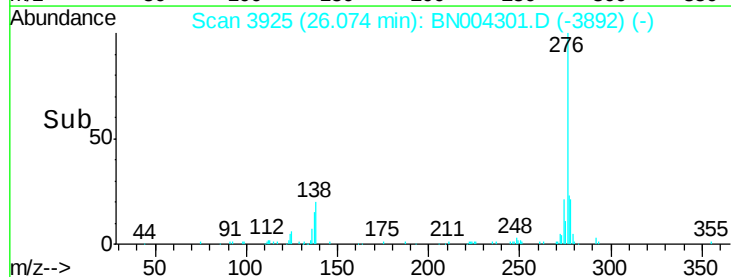
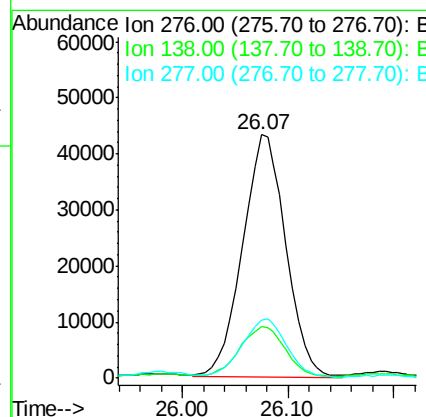
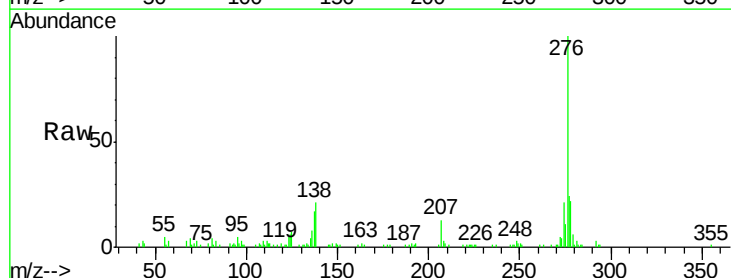
RT: 26.07 min Scan# 3925

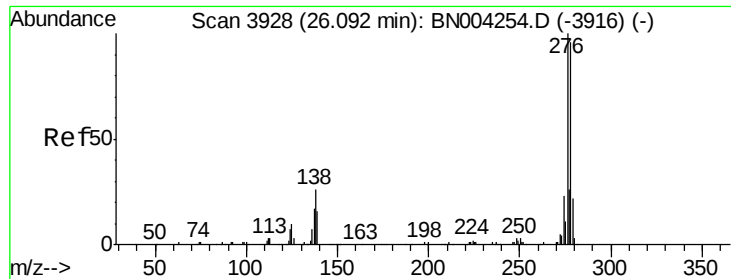
Delta R.T. -0.01 min

Lab File: BN004301.D

Acq: 29 Dec 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	122363		
138	21.2	20.4	30.6	
277	23.8	20.6	30.8	





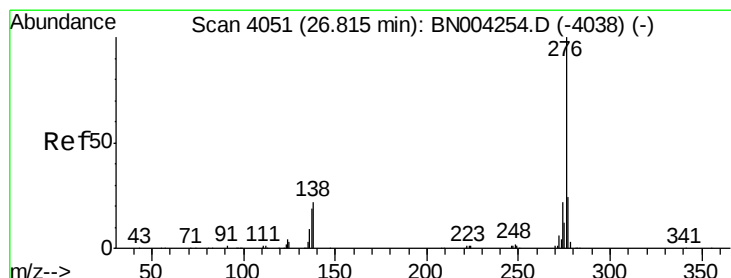
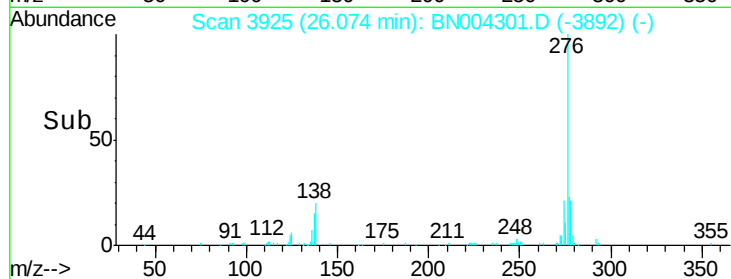
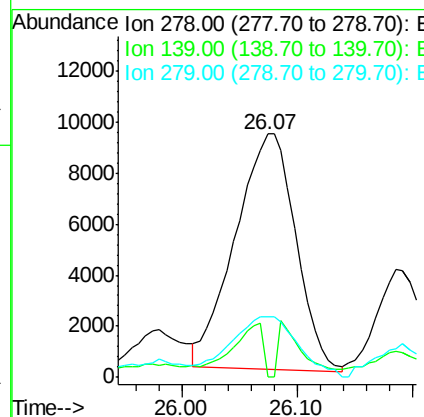
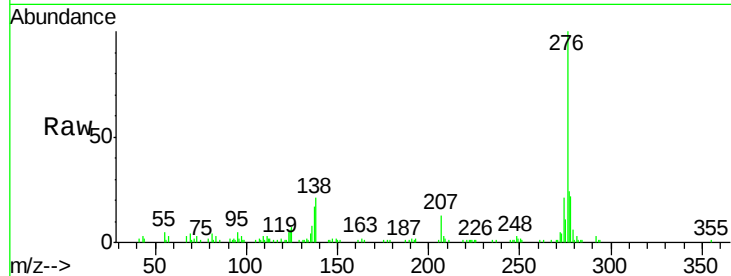
#92
Dibenzo(a,h)anthracene
Concen: 2.857 ng/ul
RT: 26.07 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Instrument :
BNA_N
ClientSampleId :
A41T9

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.3	19.9#
279	25.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/2/2019 3:42:19 PM



#93
Benzo(g,h,i)perylene
Concen: 9.706 ng/ul
RT: 26.81 min Scan# 4050
Delta R.T. 0.00 min
Lab File: BN004301.D
Acq: 29 Dec 2018 15:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	18.2	27.4
277	24.4	19.0	28.6

