

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
 Data File : BN002246.D
 Acq On : 08 Aug 2018 11:50
 Operator : JU/SJ
 Sample : J4268-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 8/9/2018 4:40:16 PM

Quant Time: Aug 09 03:19:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 09 02:16:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	256131	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1141888	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	626695	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1239463	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	850125	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	833951	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	18119	3.19	ng/uL	0.00
5) Phenol-d5	6.86	99	387152	16.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	261072	17.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	324955	17.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	291680	15.01	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	171493	18.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	179974	16.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	318670	16.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	355329	15.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	998596	18.80	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1271372	19.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	102250m	10.08	ng/ul	0.00
57) Fluorene-d10	15.32	176	842487	18.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	92154	11.42	ng/ul	0.00
70) Anthracene-d10	17.16	188	1188531	19.67	ng/ul	0.00
78) Pyrene-d10	19.46	212	1056392	23.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	828132	18.39	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.77	163	293700	5.644	ng/ul 100
69) Phenanthrene	17.11	178	707306	10.161	ng/ul 99
71) Anthracene	17.20	178	98675	1.392	ng/ul 98
74) Carbazole	17.47	167	79130	1.320	ng/ul 97
76) Fluoranthene	19.13	202	1760431	23.832	ng/ul 99
79) Pyrene	19.49	202	1390113	25.483	ng/ul 98
80) Butylbenzylphthalate	20.40	149	26030	1.005	ng/ul 91
82) Benzo(a)anthracene	21.25	228	539265	9.959	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.19	149	169528	4.621	ng/ul 99
84) Chrysene	21.30	228	674637	13.368	ng/ul 98
87) Benzo(b)fluoranthene	22.83	252	916356	17.853	ng/ul 98
88) Benzo(k)fluoranthene	22.86	252	263770m	5.409	ng/ul
90) Benzo(a)pyrene	23.39	252	564651	11.578	ng/ul 97
91) Indeno(1,2,3-cd)pyrene	25.71	276	457362	8.113	ng/ul# 92
92) Dibenzo(a,h)anthracene	25.72	278	105186	2.229	ng/ul# 93
93) Benzo(g,h,i)perylene	26.39	276	443218	9.356	ng/ul 99

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

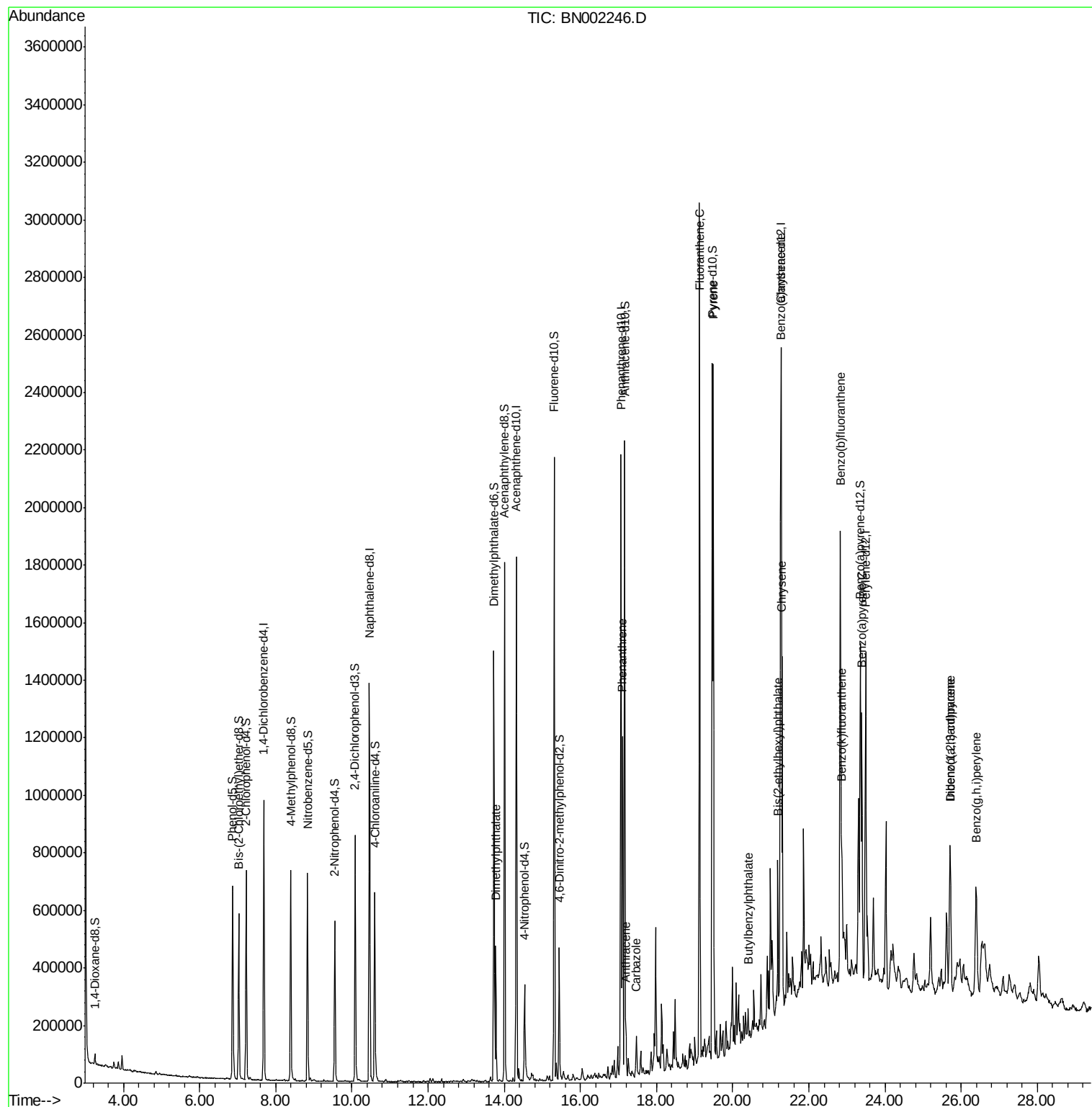
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080818\
Data File : BN002246.D
Acq On : 08 Aug 2018 11:50
Operator : JU/SJ
Sample : J4268-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

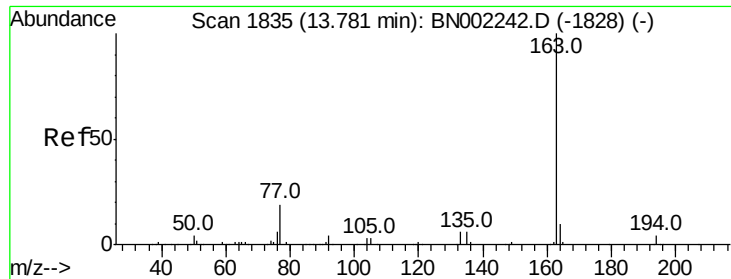
Instrument :
BNA_N
ClientSampleId :
C0AC5

Quant Time: Aug 09 03:19:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 09 02:16:22 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
8/9/2018 4:40:16 PM





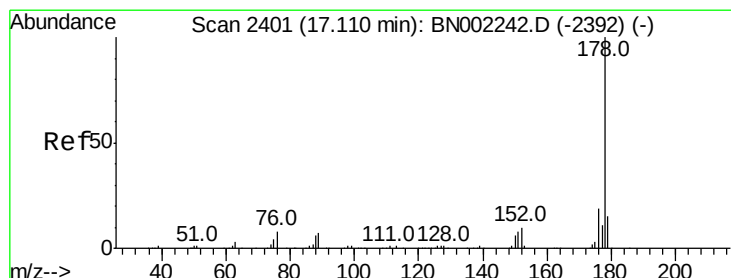
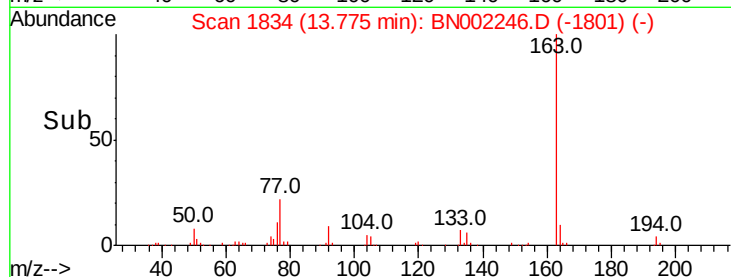
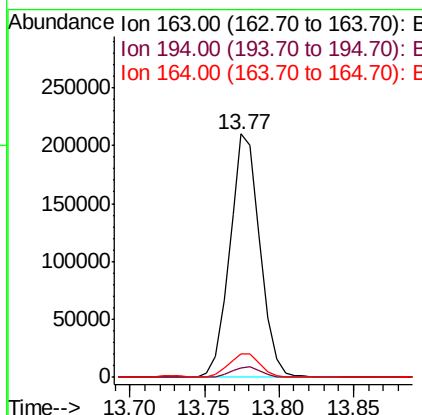
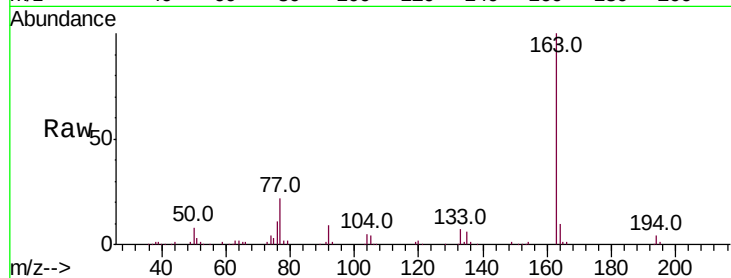
#44
Dimethylphthalate
Concen: 5.644 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BN002246.D
Acq: 08 Aug 2018 11:50

Instrument :
BNA_N
ClientSampled :
C0AC5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	293700		
194	3.9		3.2	4.8
164	9.6		7.8	11.8

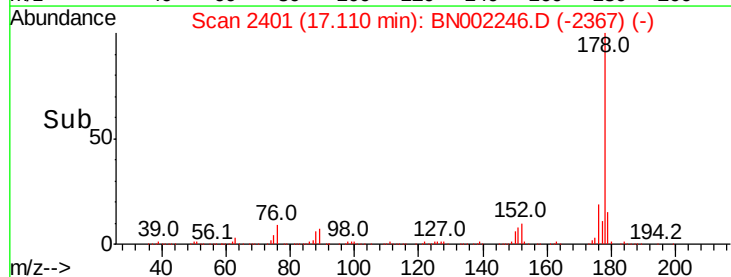
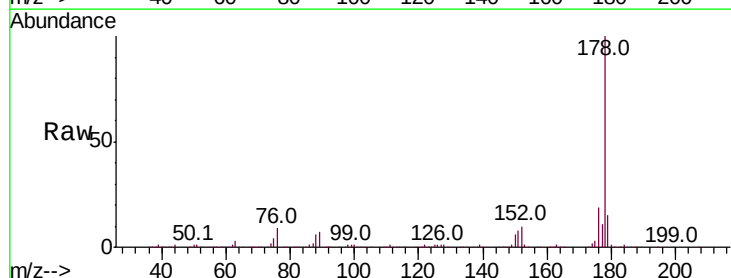
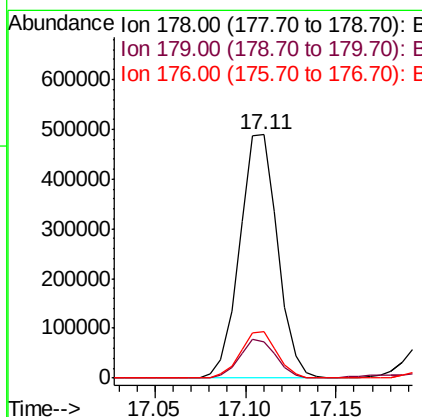
Manual Integrations
APPROVED

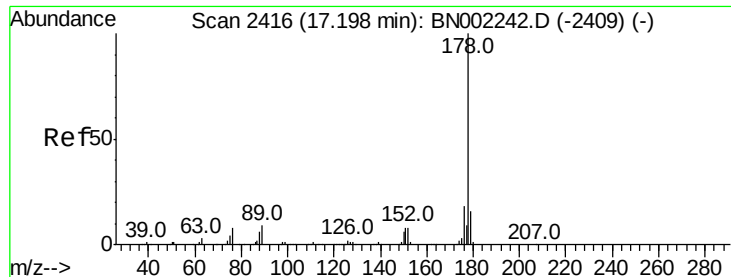
Sohil
8/9/2018 4:40:16 PM



#69
Phenanthrene
Concen: 10.161 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BN002246.D
Acq: 08 Aug 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	707306		
179	15.0		12.2	18.4
176	19.2		15.6	23.4





#71

Anthracene

Concen: 1.392 ng/ul

RT: 17.20 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BN002246.D

Acq: 08 Aug 2018 11:50

Instrument :

BNA_N

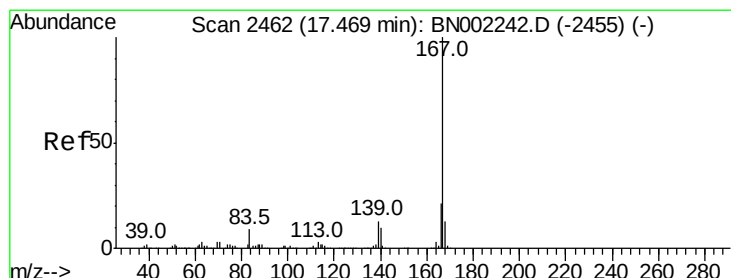
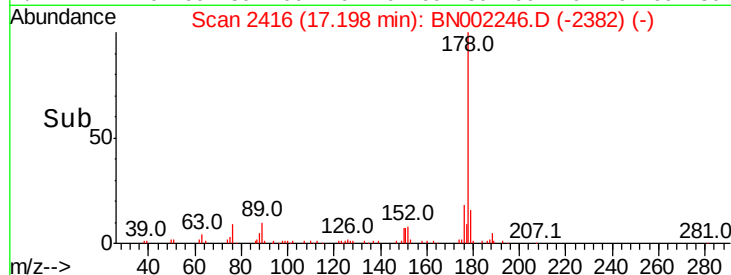
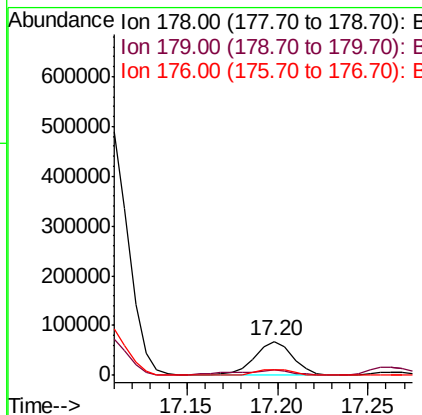
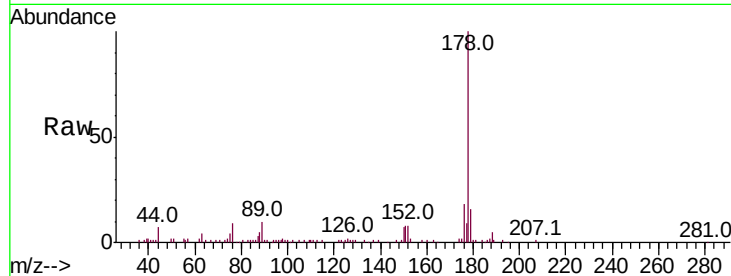
ClientSampleId :

C0AC5

Tot Ion:178	Resp:	98675
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.1 18.1
176	18.1	14.8 22.2

Manual Integrations
APPROVED

Sohil
8/9/2018 4:40:16 PM



#74

Carbazole

Concen: 1.320 ng/ul

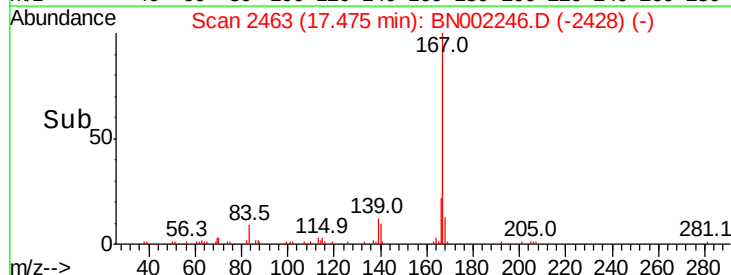
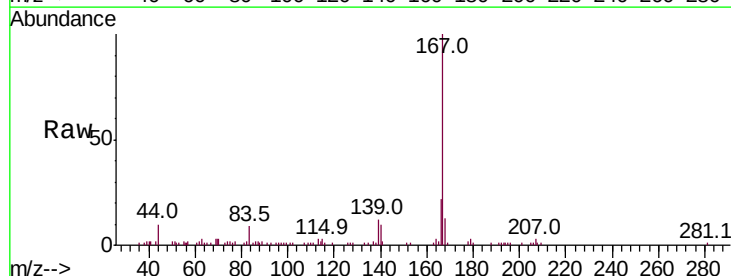
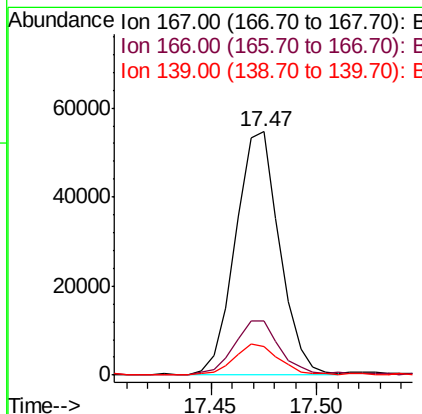
RT: 17.47 min Scan# 2463

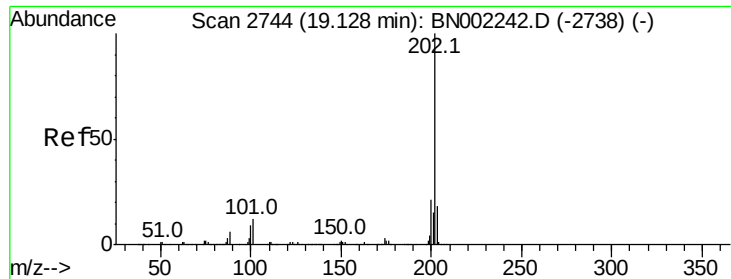
Delta R.T. 0.01 min

Lab File: BN002246.D

Acq: 08 Aug 2018 11:50

Tgt Ion:167	Resp:	79130
Ion Ratio	Lower	Upper
167	100	
166	22.1	17.0 25.6
139	12.0	11.0 16.4





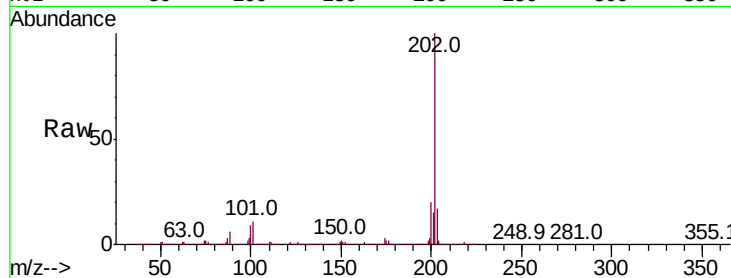
#76
Fluoranthene
Concen: 23.832 ng/ul
RT: 19.13 min Scan# 2744
Delta R.T. -0.00 min
Lab File: BN002246.D
Acq: 08 Aug 2018 11:50

Instrument :
BNA_N
ClientSampleId :
C0AC5

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.8	13.2
100	8.5	6.6	9.8

Manual Integrations
APPROVED

Sohil
8/9/2018 4:40:16 PM

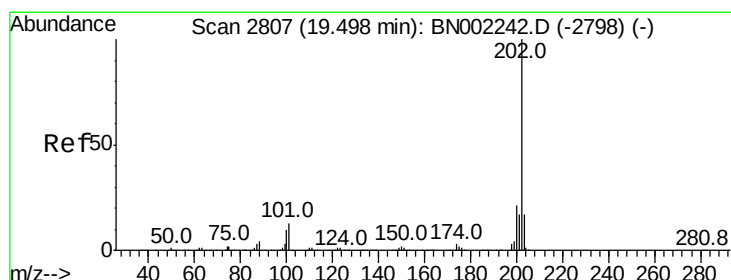
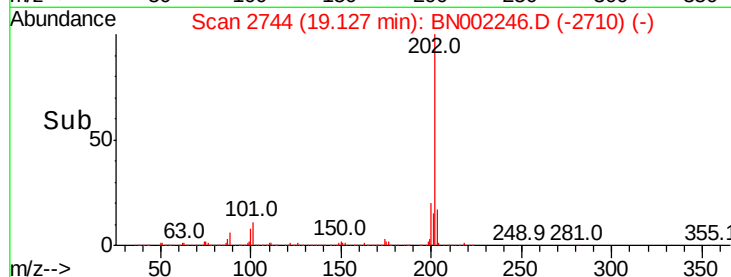
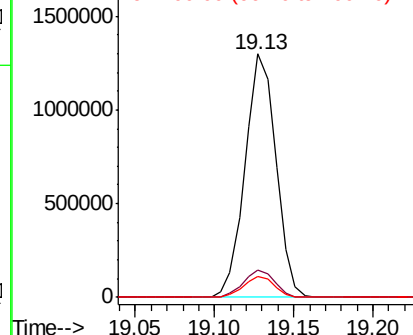


Abundance

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: 25.483 ng/ul
RT: 19.49 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BN002246.D
Acq: 08 Aug 2018 11:50

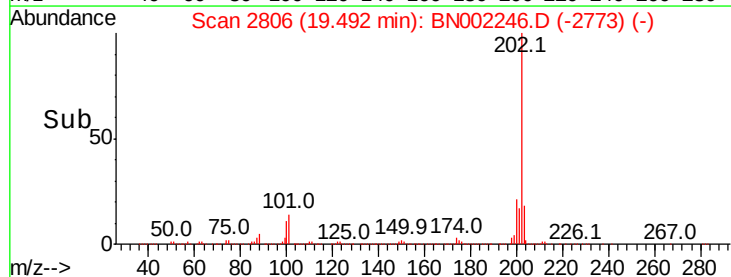
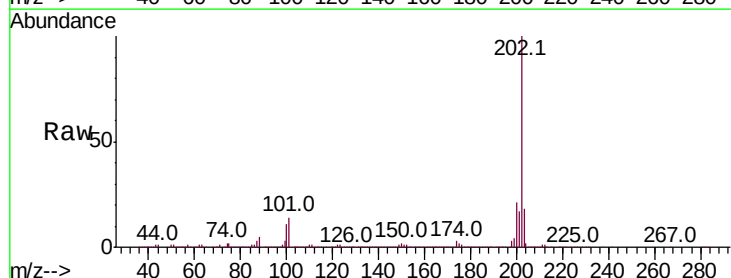
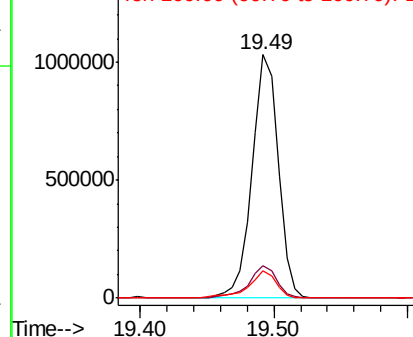
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.2	15.2
100	11.3	8.5	12.7

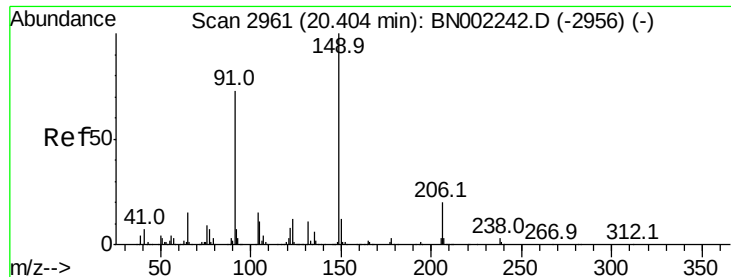
Abundance

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





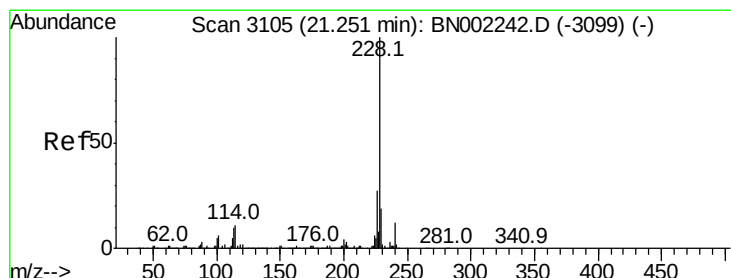
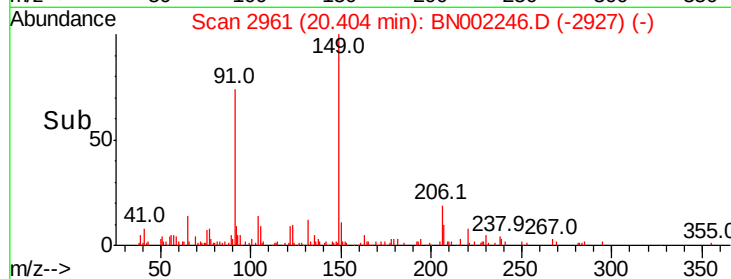
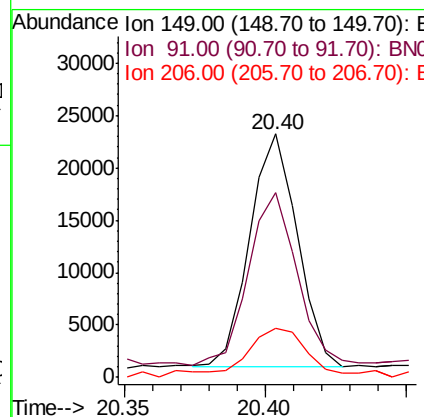
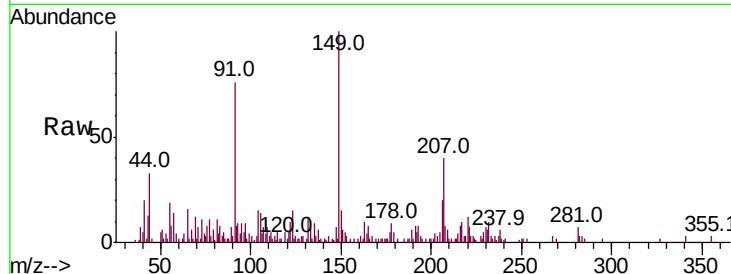
#80
Butylbenzylphthalate
Concen: 1.005 ng/ul
RT: 20.40 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BN002246.D
Acq: 08 Aug 2018 11:50

Instrument :
BNA_N
ClientSampleId :
C0AC5

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.7	53.4	80.2
206	20.2	16.6	24.8

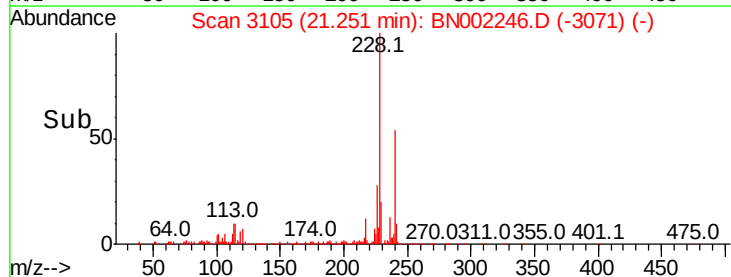
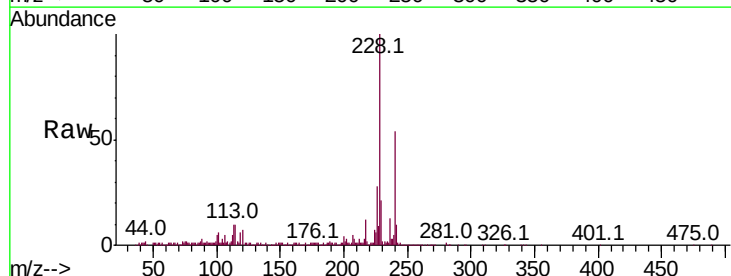
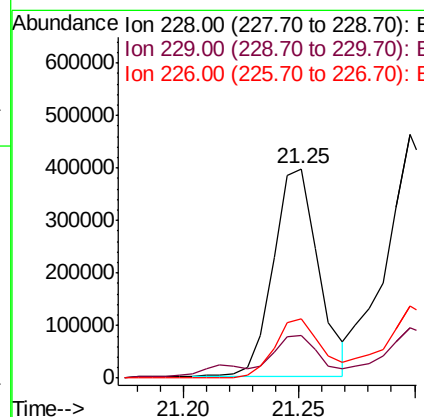
Manual Integrations
APPROVED

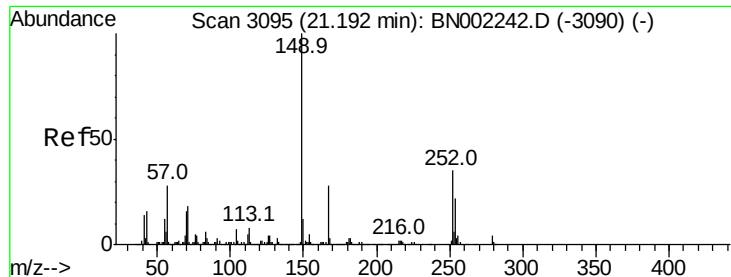
Sohil
8/9/2018 4:40:16 PM



#82
Benzo(a)anthracene
Concen: 9.959 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN002246.D
Acq: 08 Aug 2018 11:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	28.1	21.8	32.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.621 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN002246.D

Acq: 08 Aug 2018 11:50

Instrument :

BNA_N

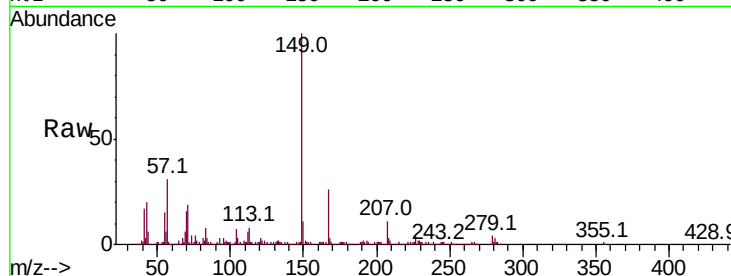
ClientSampleId :

C0AC5

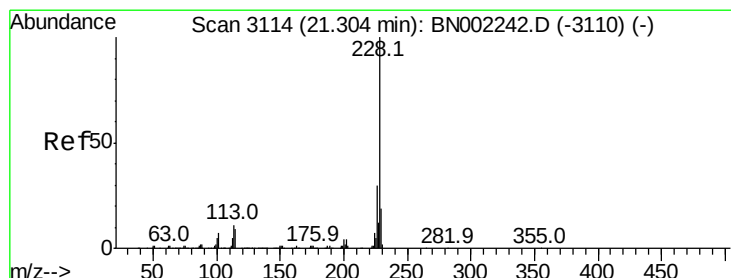
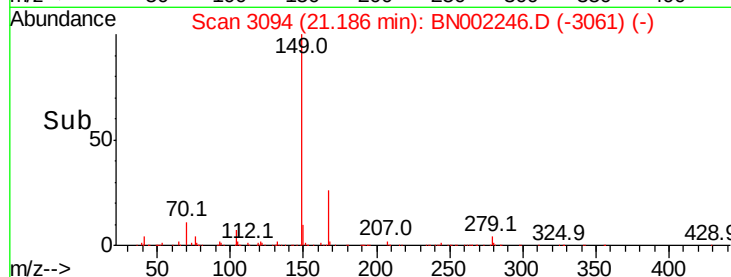
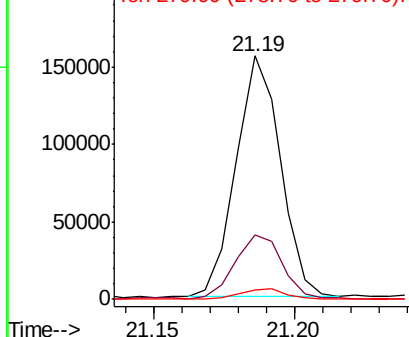
Tot Ion:	149	Resp:	169528
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.6	32.4
279	4.0	3.0	4.4

Manual Integrations
APPROVED

Sohil
8/9/2018 4:40:16 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: 13.368 ng/ul

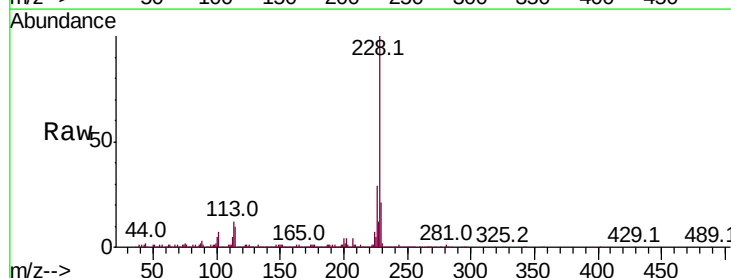
RT: 21.30 min Scan# 3113

Delta R.T. -0.01 min

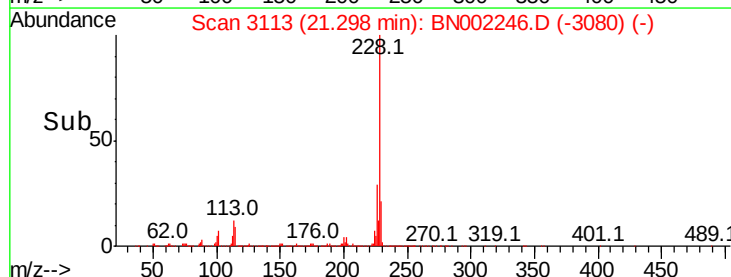
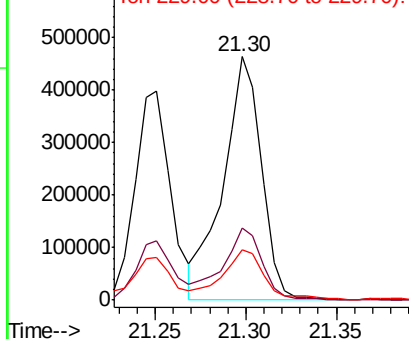
Lab File: BN002246.D

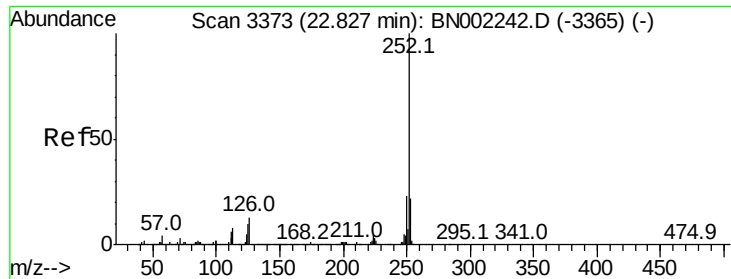
Acq: 08 Aug 2018 11:50

Tgt Ion:	228	Resp:	674637
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.0	36.0
229	20.9	15.6	23.4



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





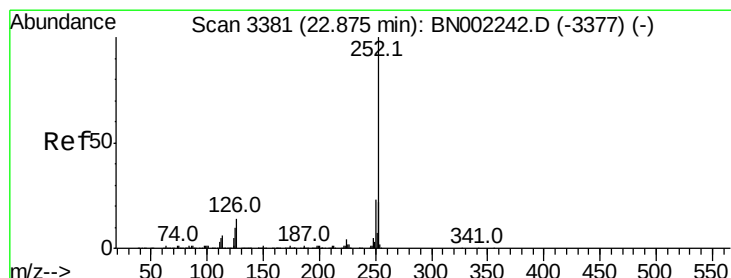
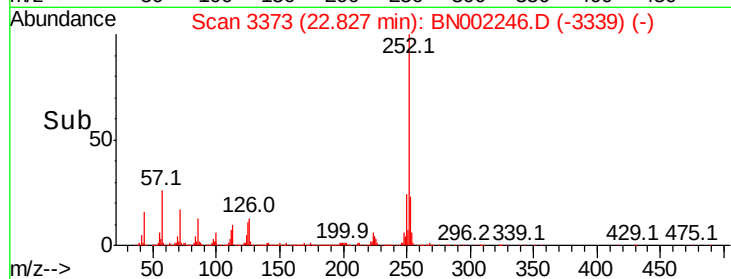
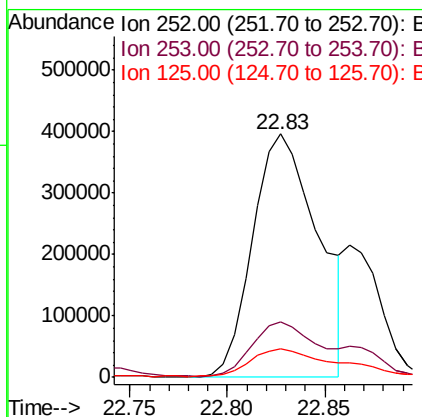
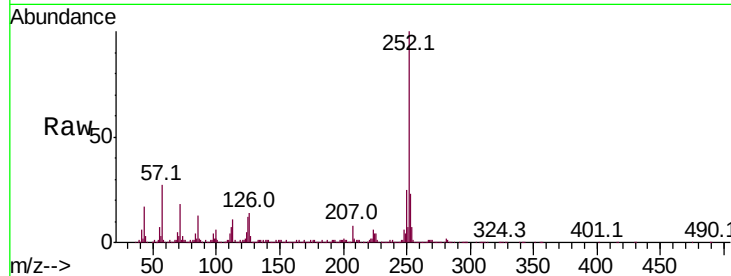
#87
Benzo(b)fluoranthene
Concen: 17.853 ng/ul
RT: 22.83 min Scan# 3373
Delta R.T. -0.00 min
Lab File: BN002246.D
Acq: 08 Aug 2018 11:50

Instrument :
BNA_N
ClientSampled :
C0AC5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.6	8.5	12.7

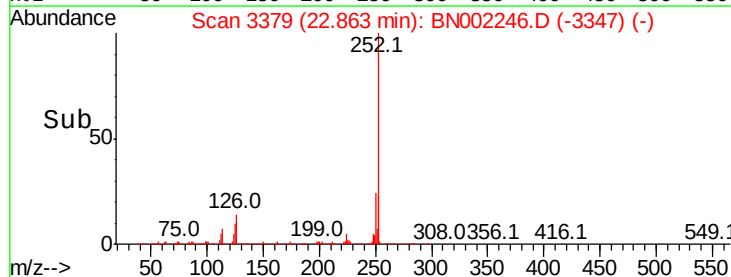
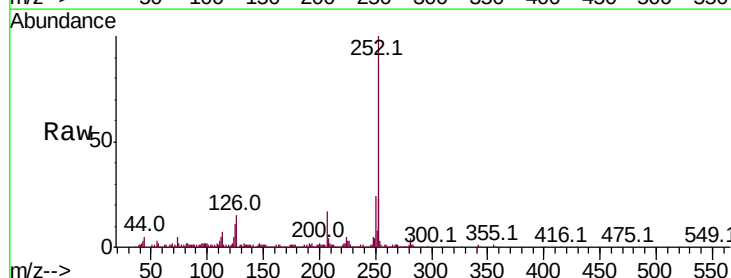
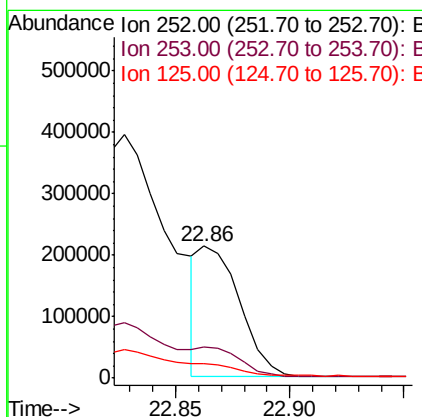
Manual Integrations
APPROVED

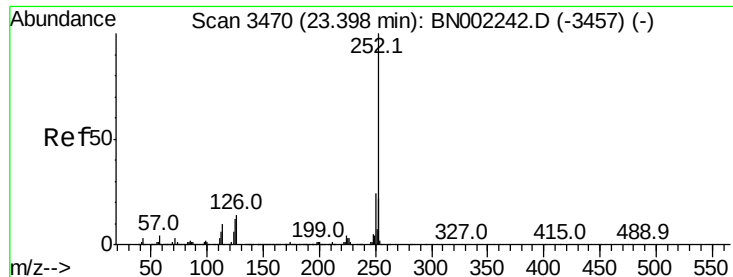
Sohil
8/9/2018 4:40:16 PM



#88
Benzo(k)fluoranthene
Concen: 5.409 ng/ul m
RT: 22.86 min Scan# 3379
Delta R.T. -0.01 min
Lab File: BN002246.D
Acq: 08 Aug 2018 11:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	11.1	8.2	12.2





#90

Benzo(a)pyrene

Concen: 11.578 ng/ul

RT: 23.39 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BN002246.D

Acq: 08 Aug 2018 11:50

Instrument :

BNA_N

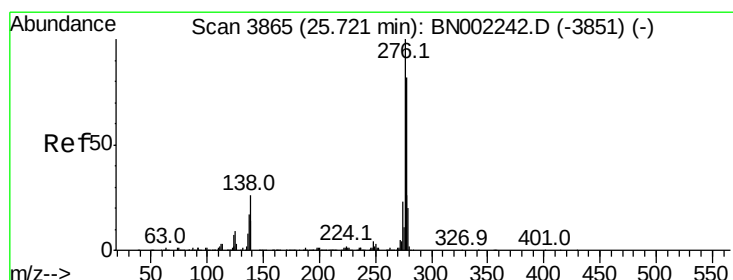
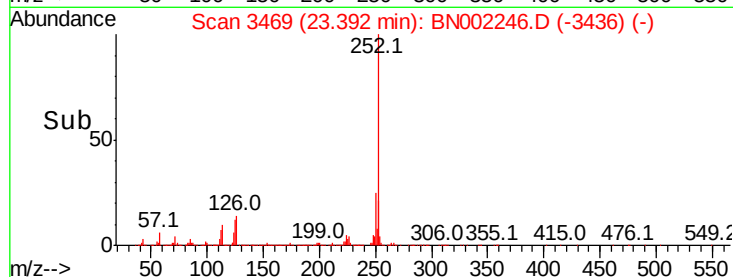
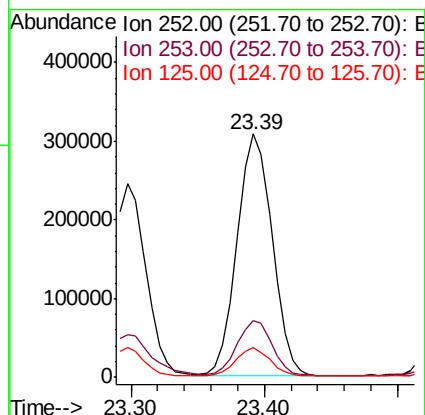
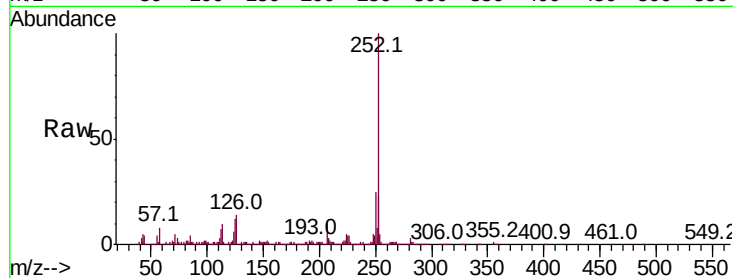
ClientSampleId :

C0AC5

Tot Ion:	252	Resp:	564651
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	12.1	9.0	13.6

Manual Integrations
APPROVED

Sohil
8/9/2018 4:40:16 PM



#91

Indeno(1,2,3-cd)pyrene

Concen: 8.113 ng/ul

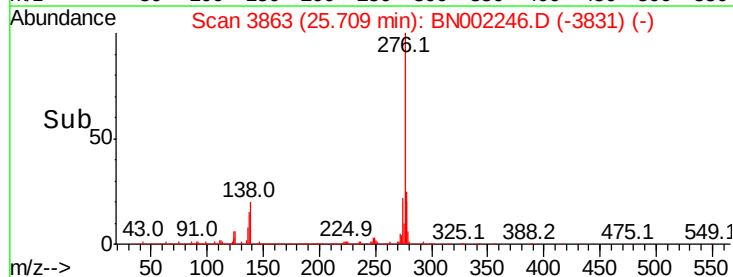
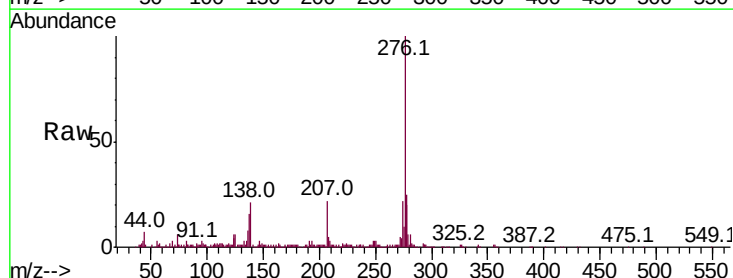
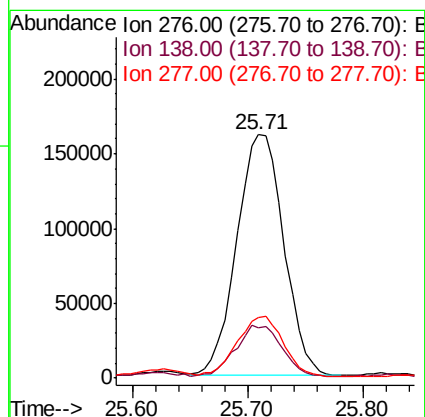
RT: 25.71 min Scan# 3863

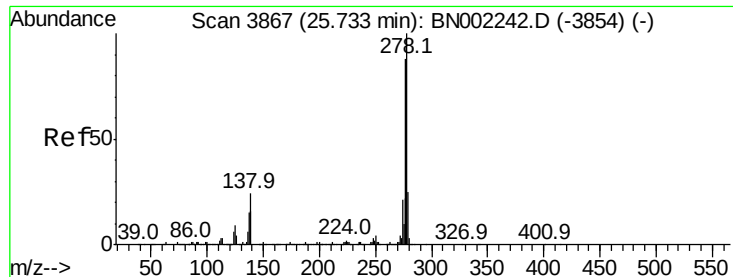
Delta R.T. -0.01 min

Lab File: BN002246.D

Acq: 08 Aug 2018 11:50

Tgt Ion:	276	Resp:	457362
Ion Ratio	Lower	Upper	
276	100		
138	20.6	22.3	33.5#
277	25.0	20.2	30.2





#92

Dibenzo(a,h)anthracene

Concen: 2.229 ng/ul

RT: 25.72 min Scan# 3865

Delta R.T. -0.01 min

Lab File: BN002246.D

Acq: 08 Aug 2018 11:50

Instrument :

BNA_N

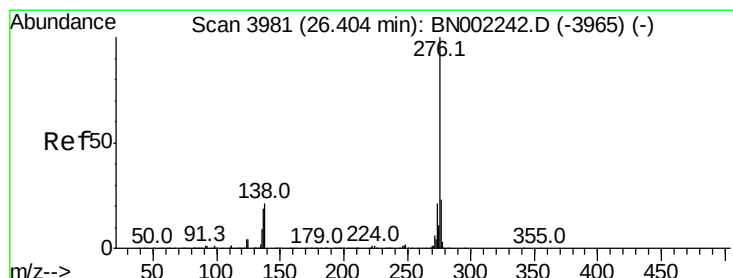
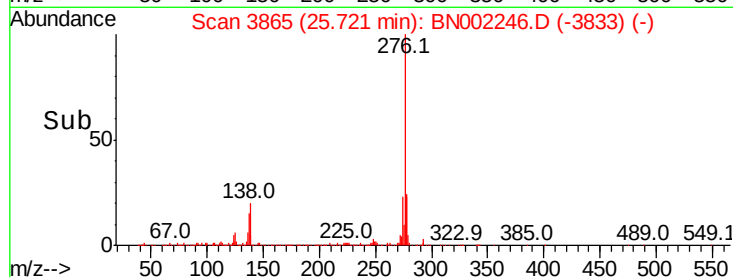
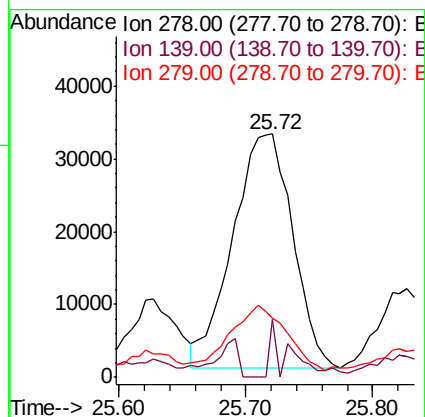
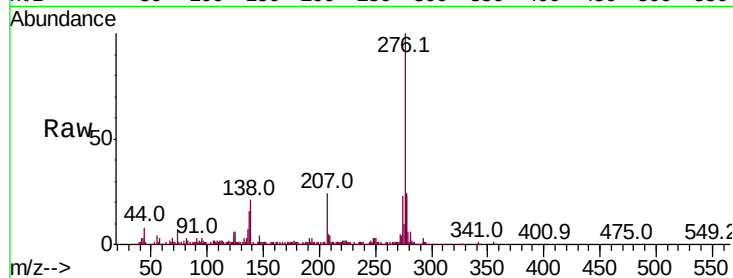
ClientSampleId :

C0AC5

Tot Ion:	278	Resp:	105186
Ion Ratio	Lower	Upper	
278	100		
139	23.6	13.9	20.9#
279	24.2	19.0	28.4

Manual Integrations
APPROVED

Sohil
8/9/2018 4:40:16 PM



#93

Benzo(g,h,i)perylene

Concen: 9.356 ng/ul

RT: 26.39 min Scan# 3979

Delta R.T. -0.01 min

Lab File: BN002246.D

Acq: 08 Aug 2018 11:50

Tgt Ion:	276	Resp:	443218
Ion Ratio	Lower	Upper	
276	100		
138	22.4	18.9	28.3
277	23.8	19.2	28.8

