

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019854.D
 Acq On : 10 Apr 2019 07:00
 Operator : JU/SJ
 Sample : K2255-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC20

Manual Integrations
 APPROVED

Sohil
 4/10/2019 6:19:14 PM

Quant Time: Apr 10 07:55:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 10 03:34:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	114710	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	453158	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	233466	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	495333	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	572884	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	661629	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	19616	6.70	ng/uL	0.00
5) Phenol-d5	6.75	99	134622	13.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	87423	12.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	117738	15.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	106371	13.87	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	51750	16.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	58518	16.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	95885	14.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	99508	12.21	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	307546	16.33	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	371445	15.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	33078m	11.20	ng/ul	0.03
58) Fluorene-d10	15.22	176	256782	15.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	23482	7.17	ng/ul	0.00
71) Anthracene-d10	17.08	188	380791	16.02	ng/ul	0.00
79) Pyrene-d10	19.39	212	407105	15.38	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.26	264	490086	13.97	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.69	163	91188	4.825	ng/ul#	98
48) Acenaphthylene	13.94	152	67322	2.884	ng/ul	99
59) Fluorene	15.28	166	22817	1.254	ng/ul	99
70) Phenanthrene	17.02	178	564999	20.118	ng/ul	99
72) Anthracene	17.12	178	124064	4.330	ng/ul	98
77) Fluoranthene	19.05	202	986147	30.643	ng/ul#	87
80) Pyrene	19.42	202	825687	23.957	ng/ul#	85
81) Butylbenzylphthalate	20.32	149	188177m	13.790	ng/ul	
83) Benzo(a)anthracene	21.17	228	470538	13.646	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2664362	134.701	ng/ul	96
85) Chrysene	21.23	228	399058	12.061	ng/ul	97
88) Benzo(b)fluoranthene	22.73	252	591643	14.680	ng/ul#	95
89) Benzo(k)fluoranthene	22.77	252	209628	5.416	ng/ul#	93
91) Benzo(a)pyrene	23.30	252	424466	11.017	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.61	276	333290	6.908	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.61	278	89642	2.179	ng/ul#	81
94) Benzo(g,h,i)perylene	26.29	276	270300	6.704	ng/ul#	92

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

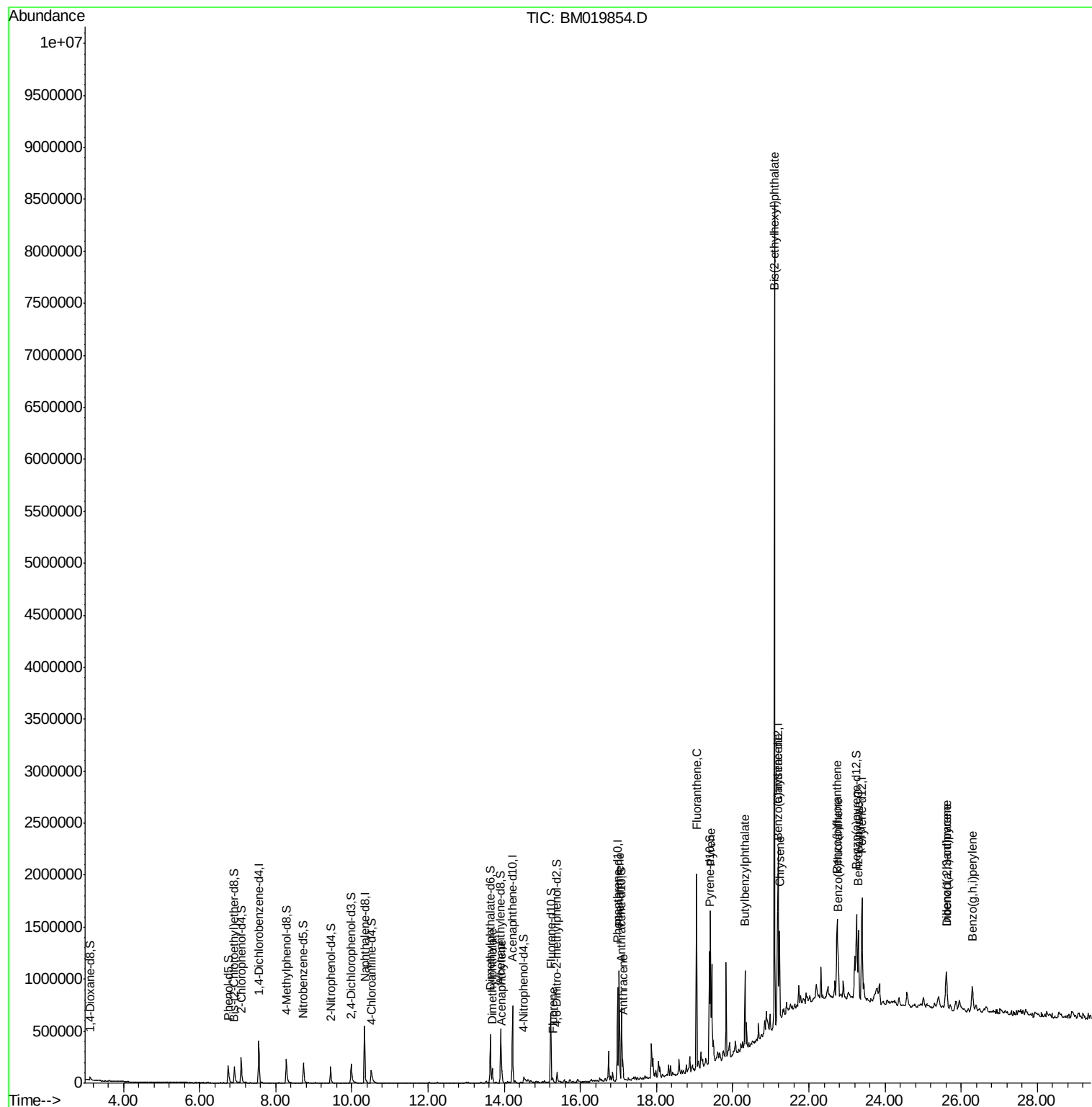
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019854.D
Acq On : 10 Apr 2019 07:00
Operator : JU/SJ
Sample : K2255-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

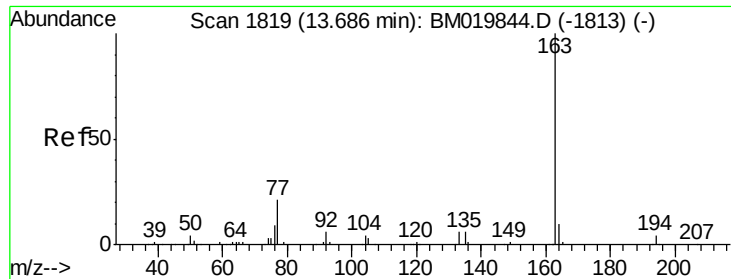
Instrument :
BNA_M
ClientSampled :
BFC20

Quant Time: Apr 10 07:55:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 10 03:34:56 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
4/10/2019 6:19:14 PM





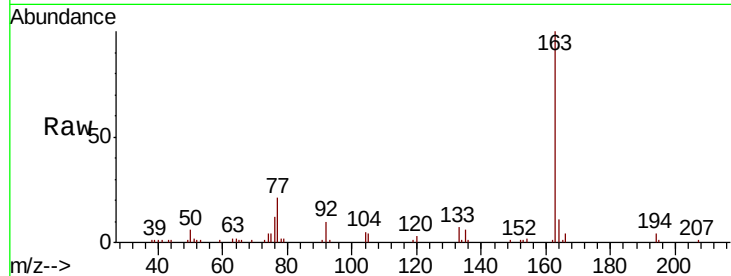
#45
Dimethylphthalate
Concen: 4.825 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BM019854.D
Acq: 10 Apr 2019 07:00

Instrument :
BNA_M
ClientSampled :
BFC20

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	4.0	6.0#
164	10.8	8.4	12.6

Manual Integrations
APPROVED

Sohil
4/10/2019 6:19:14 PM

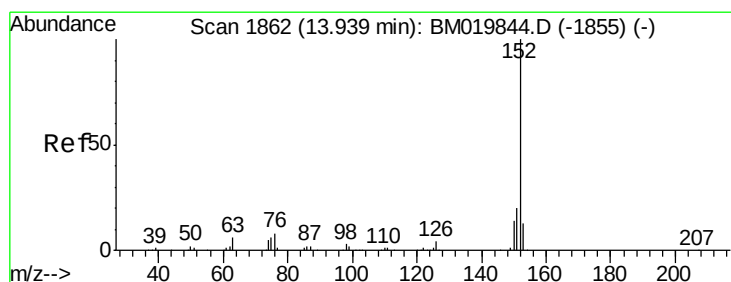
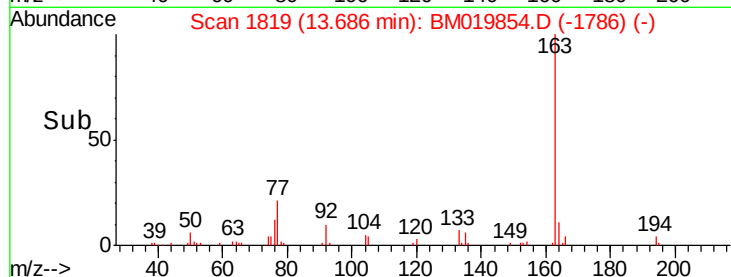
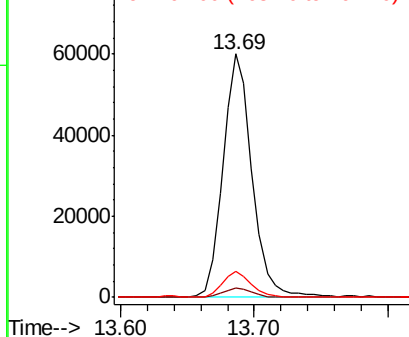


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 2.884 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM019854.D
Acq: 10 Apr 2019 07:00

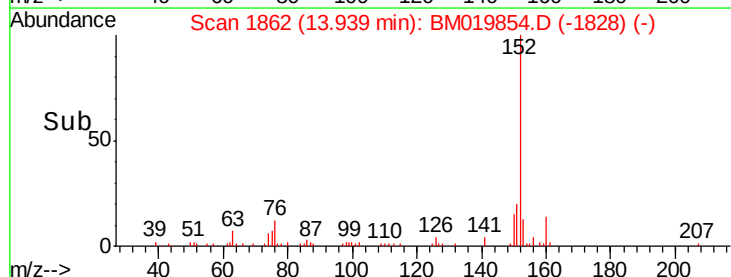
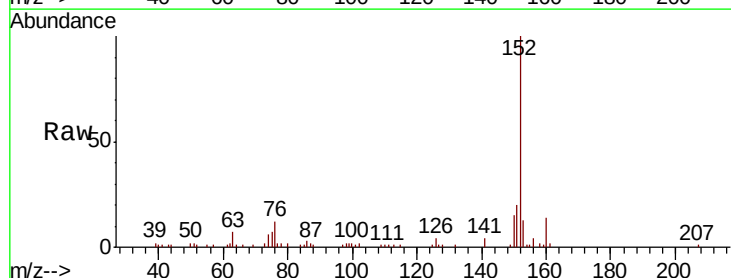
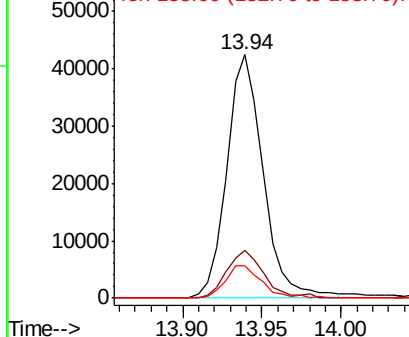
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.5	10.8	16.2

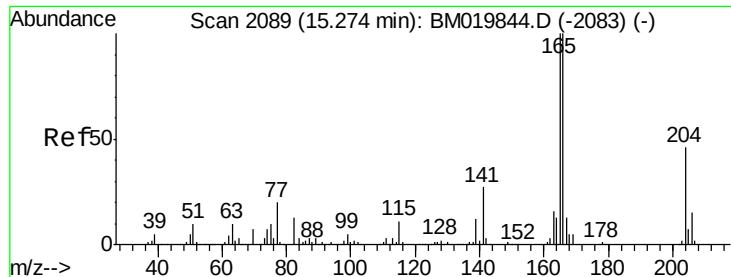
Abundance

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





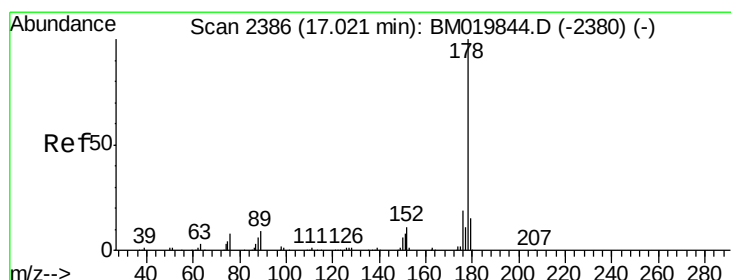
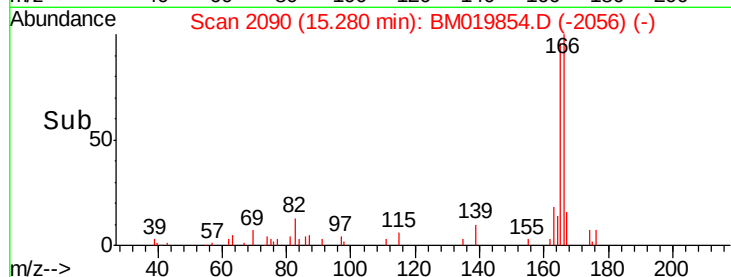
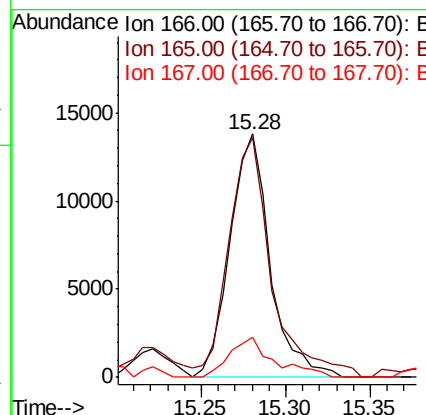
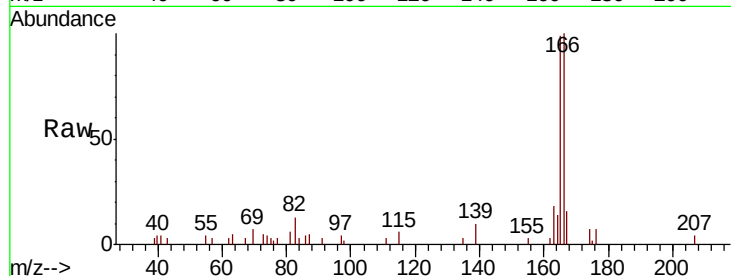
#59
Fluorene
Concen: 1.254 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM019854.D
Acq: 10 Apr 2019 07:00

Instrument :
BNA_M
ClientSampled :
BFC20

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.4	117.6
167	16.3	11.1	16.7

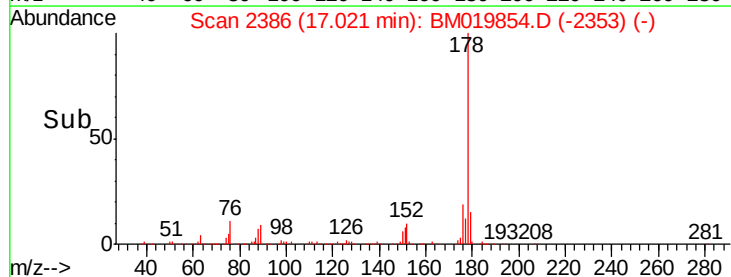
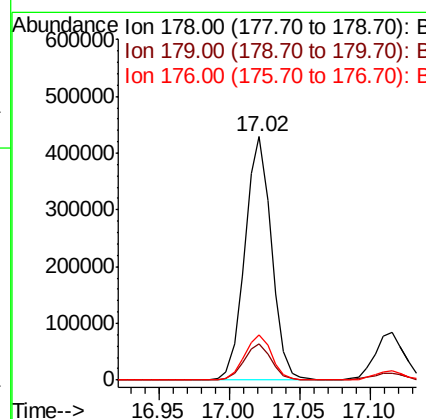
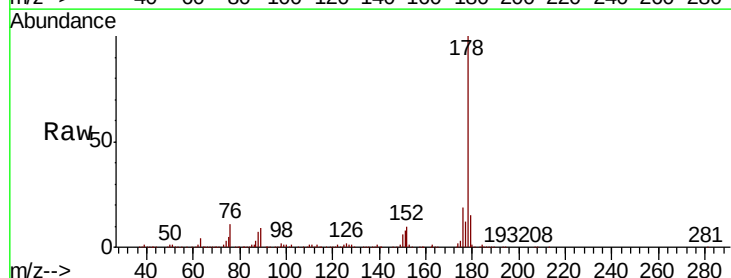
Manual Integrations
APPROVED

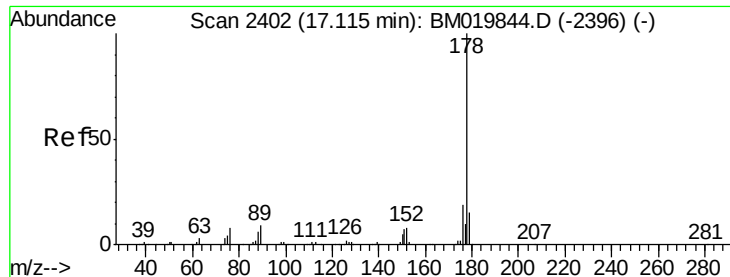
Sohil
4/10/2019 6:19:14 PM



#70
Phenanthrene
Concen: 20.118 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM019854.D
Acq: 10 Apr 2019 07:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.8	15.4	23.0





#72

Anthracene

Concen: 4.330 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BM019854.D

Acq: 10 Apr 2019 07:00

Instrument :

BNA_M

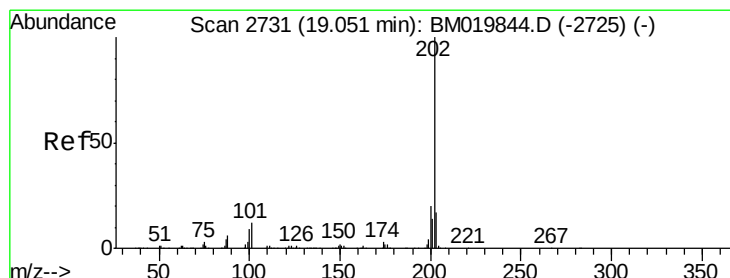
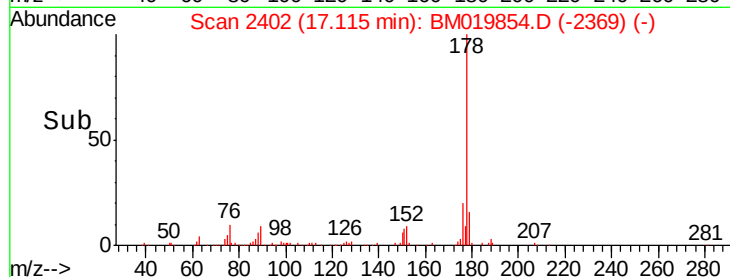
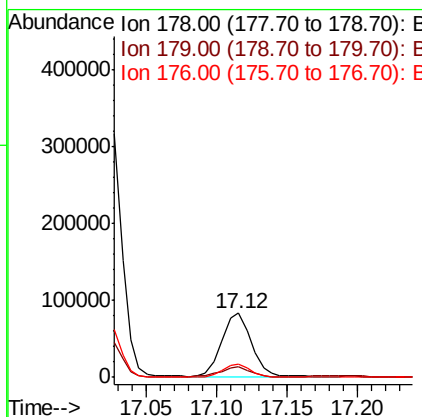
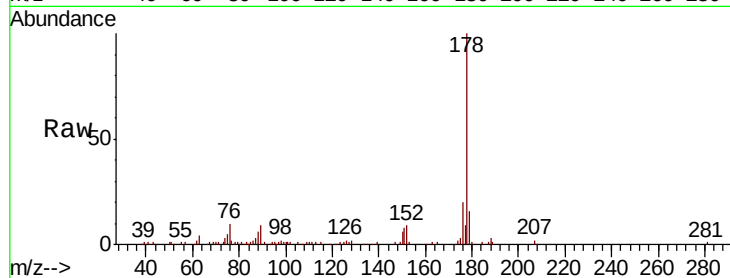
ClientSampleId :

BFC20

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	19.6	15.4	23.0

Manual Integrations
APPROVED

Sohil
4/10/2019 6:19:14 PM



#77

Fluoranthene

Concen: 30.643 ng/ul

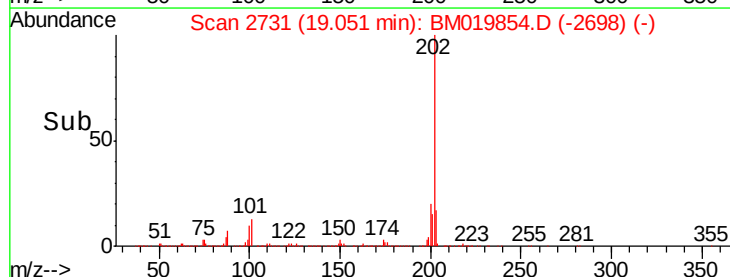
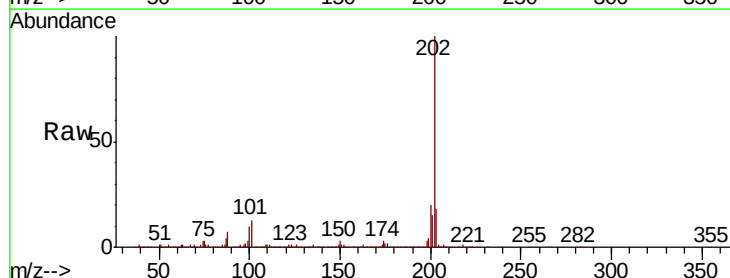
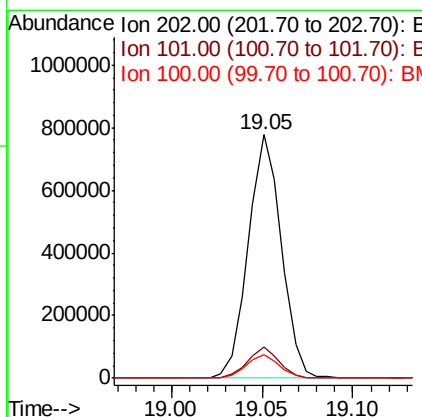
RT: 19.05 min Scan# 2731

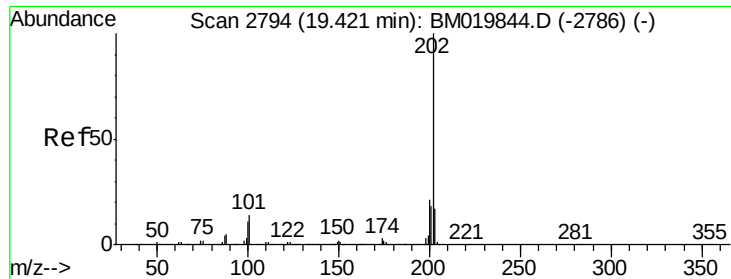
Delta R.T. -0.01 min

Lab File: BM019854.D

Acq: 10 Apr 2019 07:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	6.1	9.1#
100	9.6	4.6	7.0#





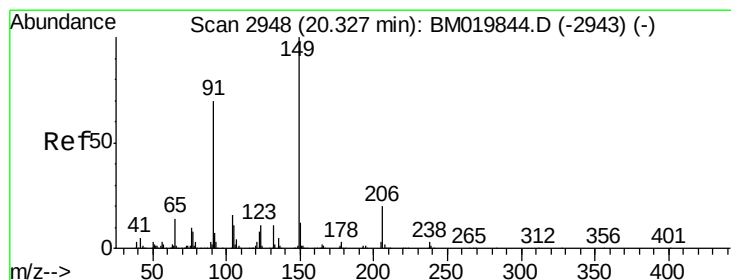
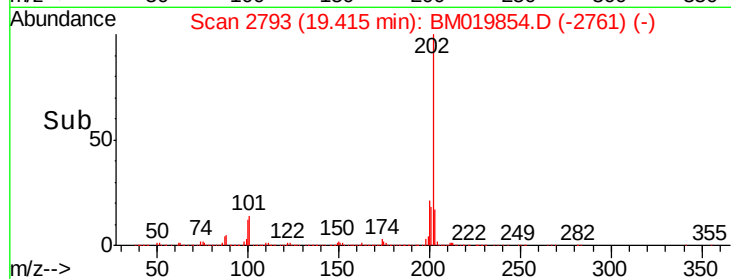
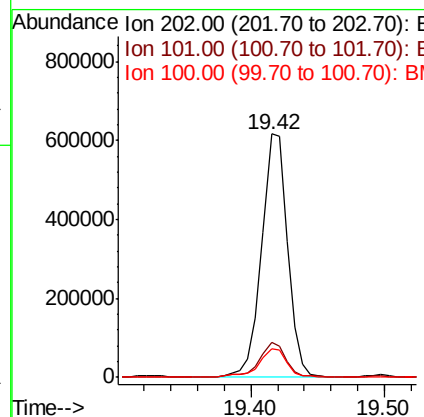
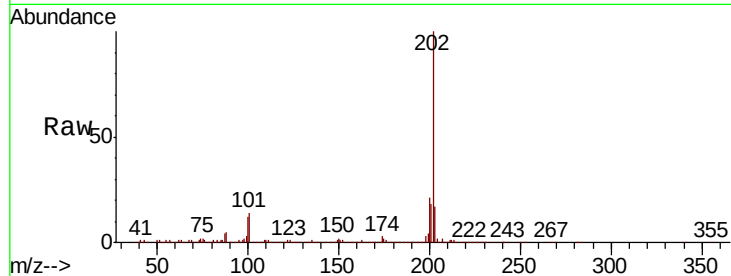
#80
Pvrene
Concen: 23.957 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM019854.D
Acq: 10 Apr 2019 07:00

Instrument :
BNA_M
ClientSampleId :
BFC20

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.4	6.9	10.3#
100	11.7	5.6	8.4#

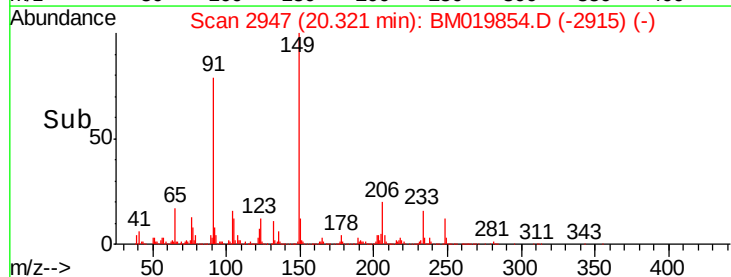
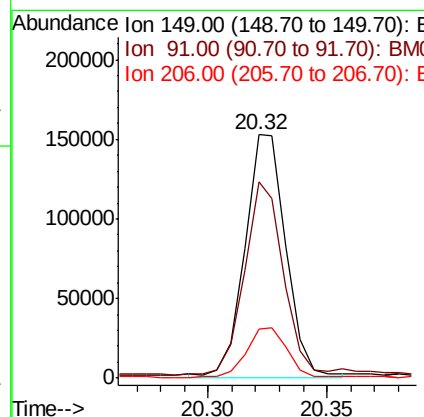
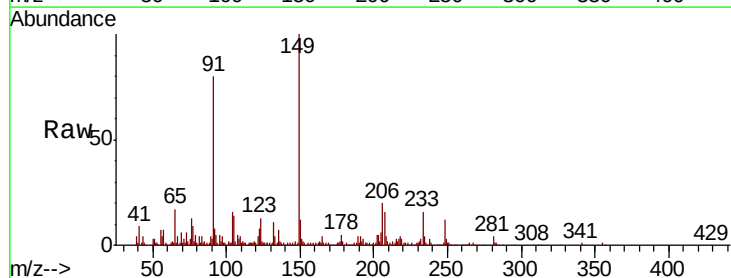
Manual Integrations
APPROVED

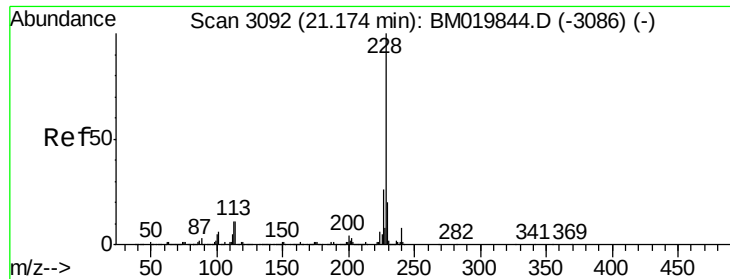
Sohil
4/10/2019 6:19:14 PM



#81
Butylbenzylphthalate
Concen: 13.790 ng/ul m
RT: 20.32 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BM019854.D
Acq: 10 Apr 2019 07:00

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	80.4	53.4	80.0#
206	19.9	19.3	28.9





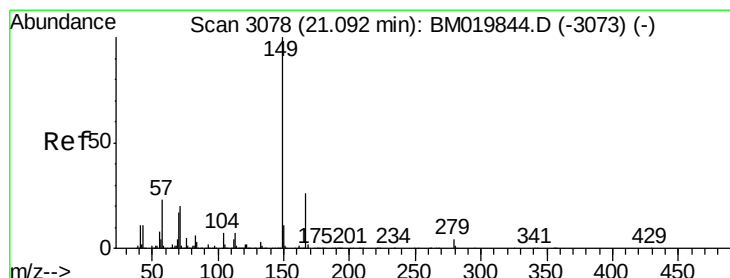
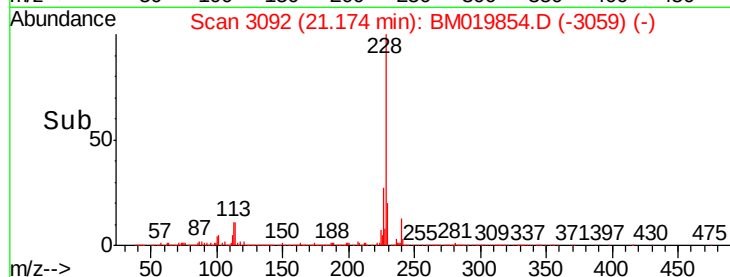
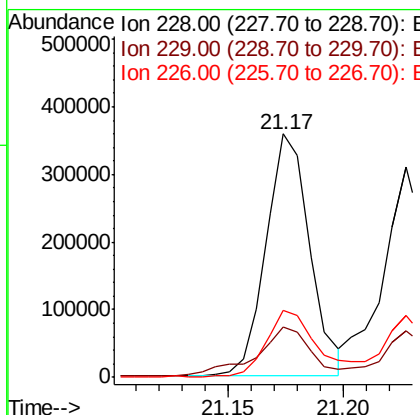
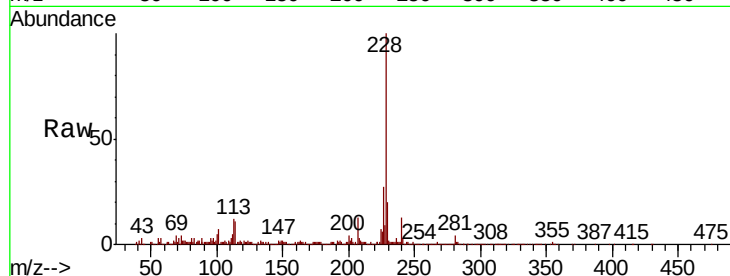
#83
Benzo(a)anthracene
Concen: 13.646 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019854.D
Acq: 10 Apr 2019 07:00

Instrument :
BNA_M
ClientSampleId :
BFC20

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.0	24.0
226	27.4	21.8	32.8

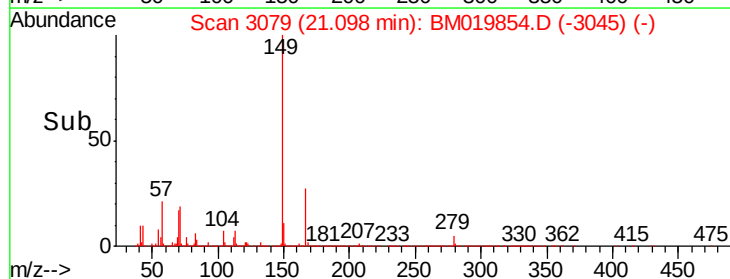
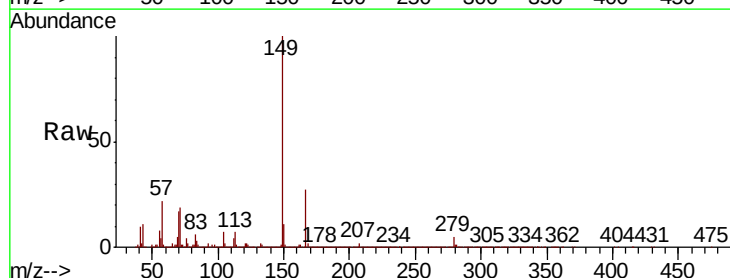
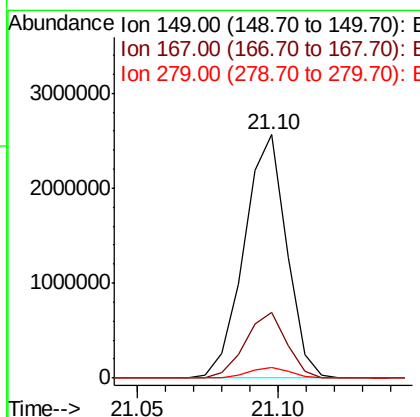
Manual Integrations
APPROVED

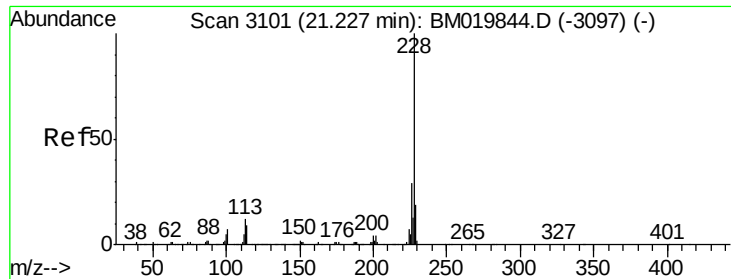
Sohil
4/10/2019 6:19:14 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 134.701 ng/ul
RT: 21.10 min Scan# 3079
Delta R.T. -0.00 min
Lab File: BM019854.D
Acq: 10 Apr 2019 07:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	23.0	34.6
279	4.6	4.3	6.5





#85

Chrysene

Concen: 12.061 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM019854.D

Acq: 10 Apr 2019 07:00

Instrument :

BNA_M

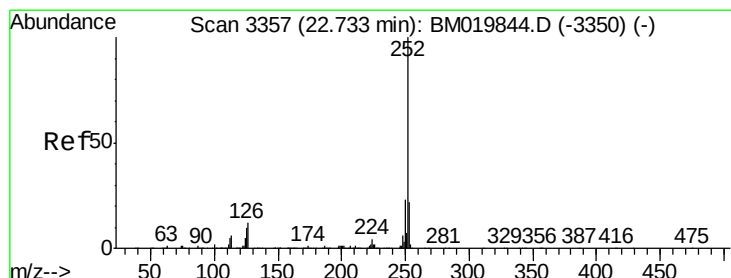
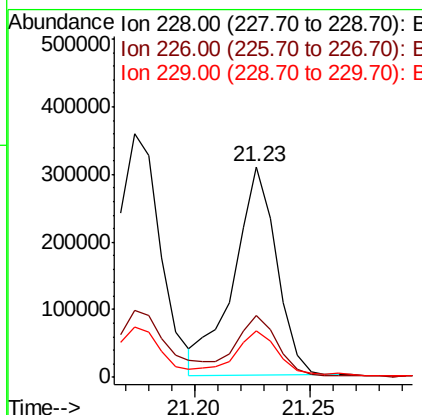
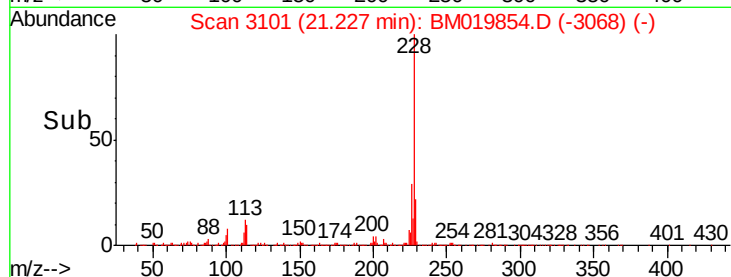
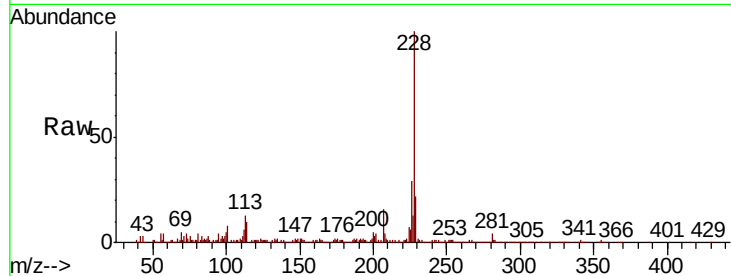
ClientSampled :

BFC20

Tot Ion:	228	Resp:	399058
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.1	36.1
229	21.9	16.0	24.0

Manual Integrations
APPROVED

Sohil
4/10/2019 6:19:14 PM



#88

Benzo(b)fluoranthene

Concen: 14.680 ng/ul

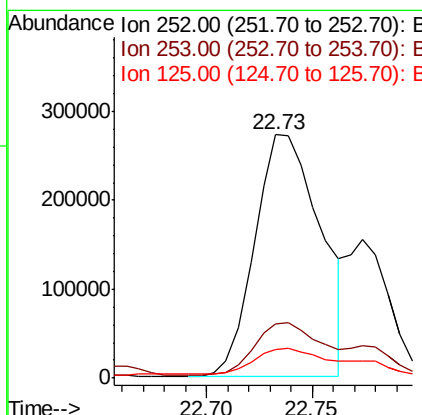
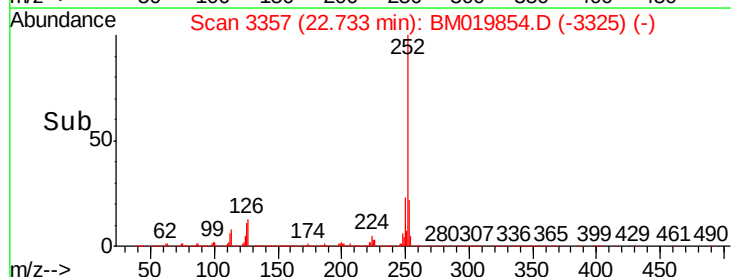
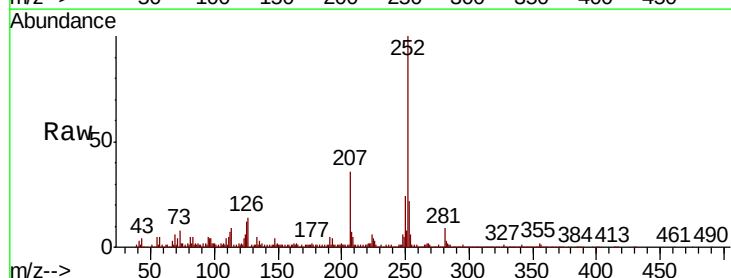
RT: 22.73 min Scan# 3357

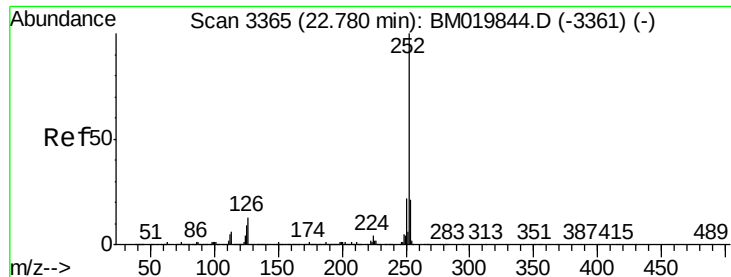
Delta R.T. -0.01 min

Lab File: BM019854.D

Acq: 10 Apr 2019 07:00

Tgt Ion:	252	Resp:	591643
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	12.0	4.9	7.3#





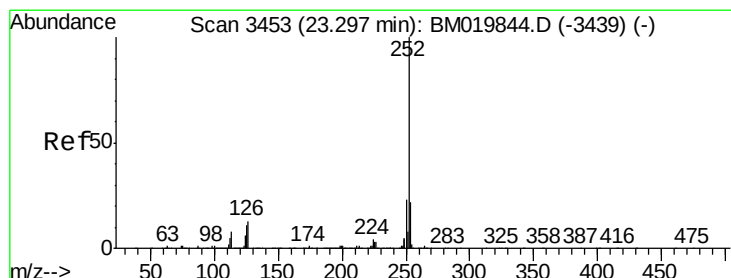
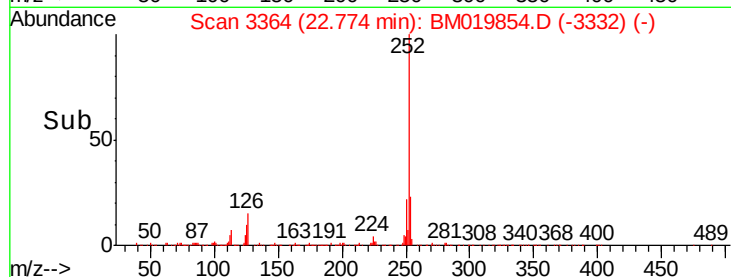
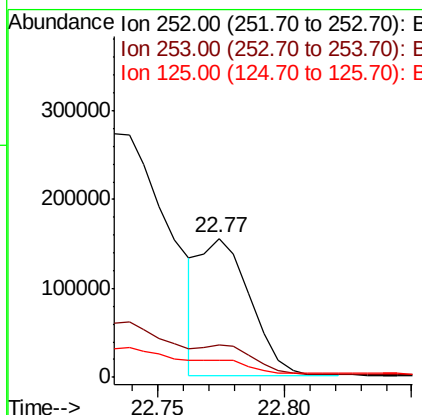
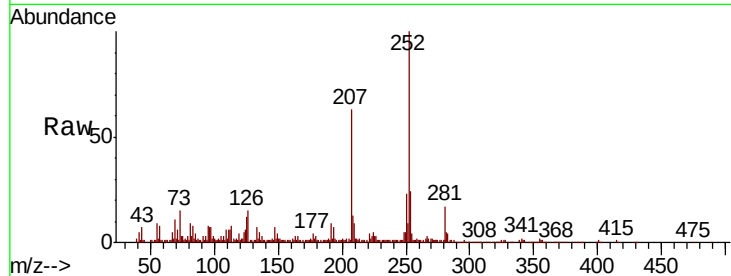
#89
Benzo(k)fluoranthene
Concen: 5.416 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM019854.D
Acq: 10 Apr 2019 07:00

Instrument :
BNA_M
ClientSampleId :
BFC20

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	12.1	5.4	8.0#

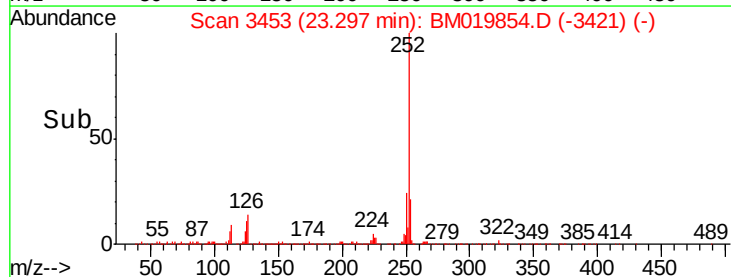
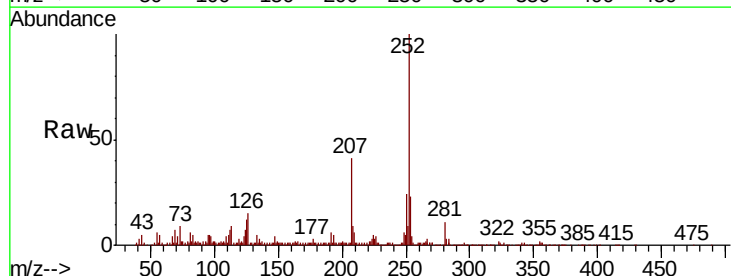
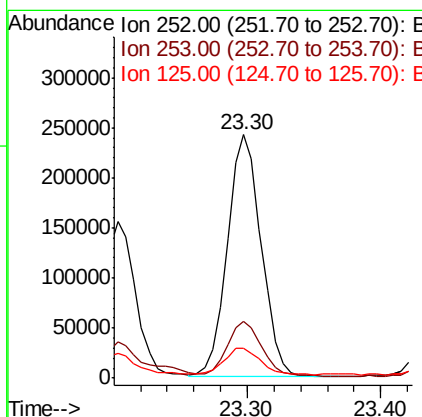
Manual Integrations
APPROVED

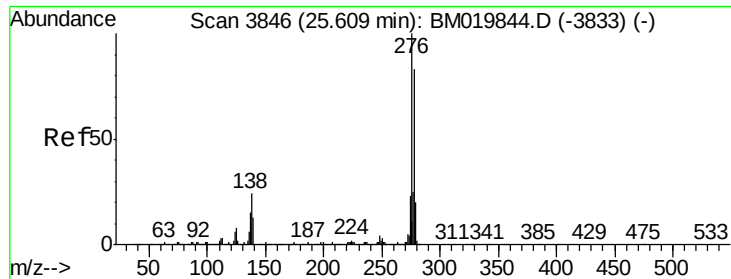
Sohil
4/10/2019 6:19:14 PM



#91
Benzo(a)pyrene
Concen: 11.017 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BM019854.D
Acq: 10 Apr 2019 07:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	12.2	5.8	8.6#





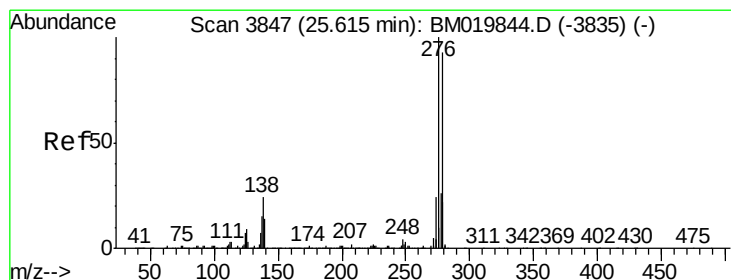
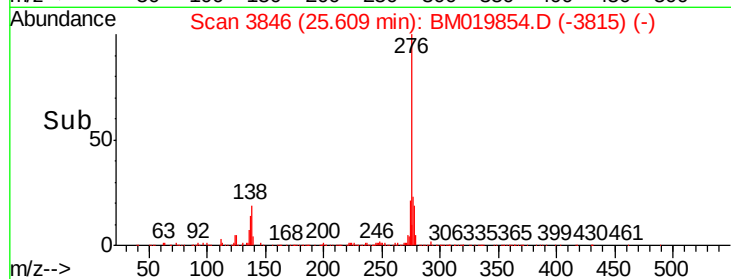
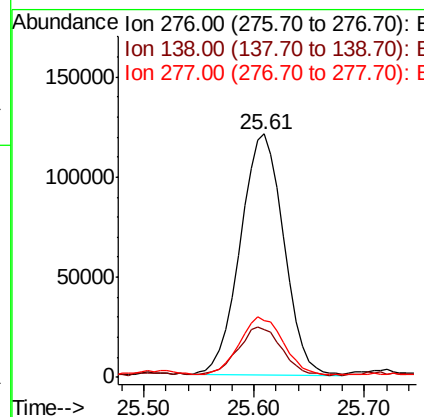
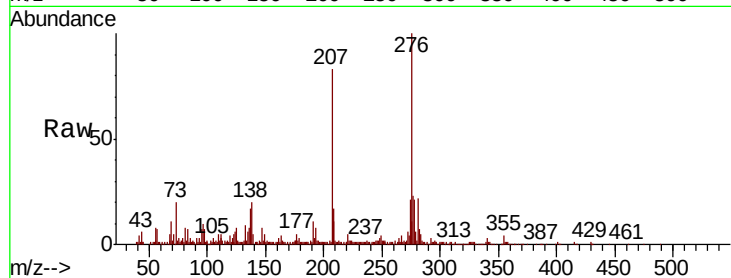
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 6.908 ng/ul
 RT: 25.61 min Scan# 3846
 Delta R.T. -0.02 min
 Lab File: BM019854.D
 Acq: 10 Apr 2019 07:00

Instrument :
 BNA_M
 ClientSampleId :
 BFC20

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	10.9	16.3#
277	23.4	18.9	28.3

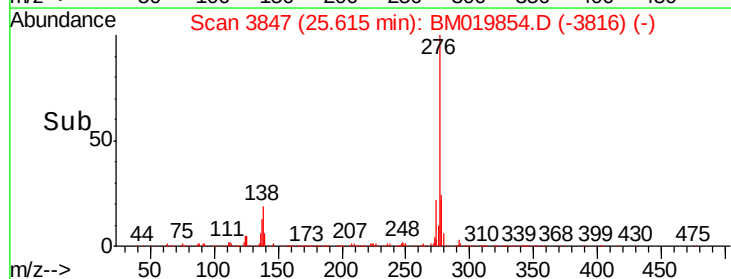
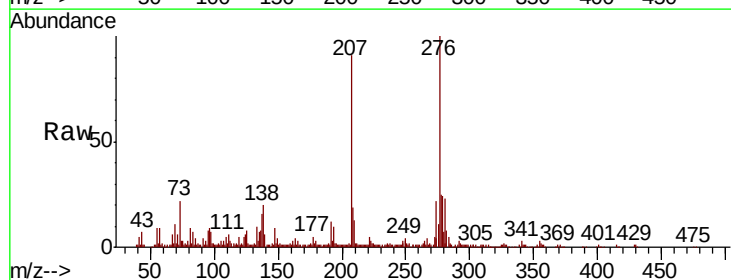
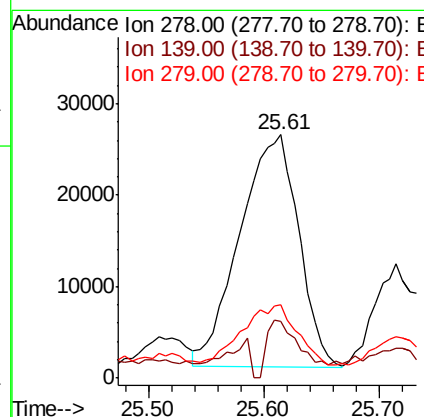
Manual Integrations
 APPROVED

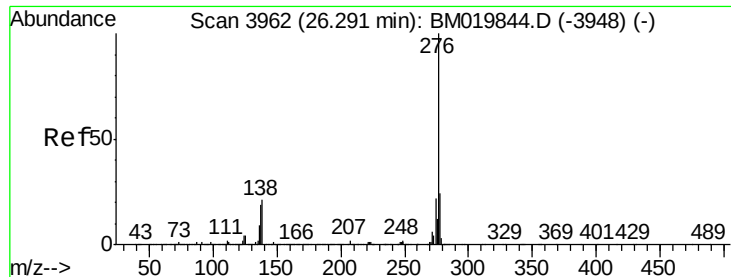
Sohil
 4/10/2019 6:19:14 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 2.179 ng/ul
 RT: 25.61 min Scan# 3847
 Delta R.T. -0.02 min
 Lab File: BM019854.D
 Acq: 10 Apr 2019 07:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.4	9.0	13.4#
279	30.3	19.1	28.7#





#94
 Benzo(a,h,i)perylene
 Concen: 6.704 ng/ul
 RT: 26.29 min Scan# 3962
 Delta R.T. -0.02 min
 Lab File: BM019854.D
 Acq: 10 Apr 2019 07:00

Instrument :
 BNA_M
 ClientSampleId :
 BFC20

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	11.2	16.8#
277	25.3	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 4/10/2019 6:19:14 PM

