

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019877.D
 Acq On : 11 Apr 2019 00:00
 Operator : JU/SJ
 Sample : K2255-19DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC20DL

Manual Integrations
 APPROVED

Sohil
 4/12/2019 5:18:39 PM

Quant Time: Apr 11 04:47:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 03:09:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	125615	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	505828	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	254606	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	491133	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	508850	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	615076	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	1904m	0.59	ng/uL	0.02
5) Phenol-d5	6.79	99	22563	2.02	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.92	67	17961	2.40	ng/ul	0.02
9) 2-Chlorophenol-d4	7.10	132	21874	2.58	ng/ul	0.01
13) 4-Methylphenol-d8	8.30	113	16233m	1.93	ng/ul	0.03
19) Nitrobenzene-d5	8.75	128	9102m	2.52	ng/ul	0.03
22) 2-Nitrophenol-d4	9.46	143	9681m	2.41	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.05	165	18275m	2.41	ng/ul	0.08
29) 4-Chloroaniline-d4	10.56	131	18402m	2.02	ng/ul	0.06
44) Dimethylphthalate-d6	13.65	166	61153	2.98	ng/ul	0.01
47) Acenaphthylene-d8	13.91	160	71430	2.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.64	143	139	0.04	ng/ul	0.16
58) Fluorene-d10	15.23	176	52725	2.98	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	349	0.11	ng/ul	0.03
71) Anthracene-d10	17.08	188	72372	3.07	ng/ul	0.00
79) Pyrene-d10	19.39	212	73390	3.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	88318	2.71	ng/ul	0.00

Target Compounds

					Qvalue	
70) Phenanthrene	17.02	178	113115	4.062	ng/ul	99
77) Fluoranthene	19.05	202	177243	5.555	ng/ul#	88
80) Pyrene	19.42	202	149110	4.871	ng/ul#	85
81) Butylbenzylphthalate	20.32	149	28836	2.379	ng/ul#	88
83) Benzo(a)anthracene	21.17	228	82879	2.706	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	439460	25.014	ng/ul#	96
85) Chrysene	21.23	228	75920	2.583	ng/ul	96
88) Benzo(b)fluoranthene	22.73	252	107372	2.866	ng/ul#	95
89) Benzo(k)fluoranthene	22.77	252	47247m	1.313	ng/ul	
91) Benzo(a)pyrene	23.29	252	72513	2.025	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.61	276	63217	1.409	ng/ul#	91
94) Benzo(g,h,i)perylene	26.29	276	51646	1.378	ng/ul#	90

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

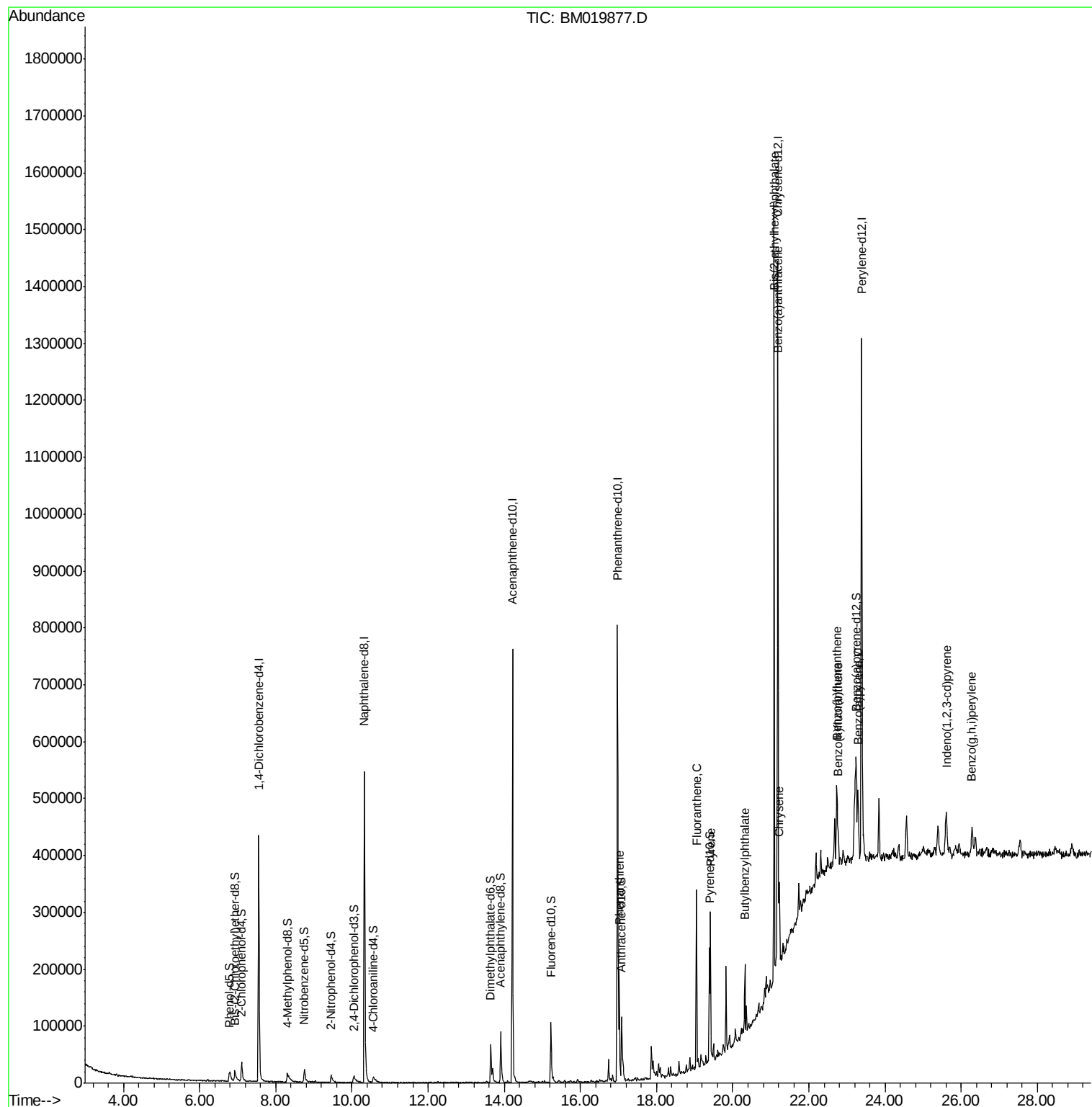
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019877.D
Acq On : 11 Apr 2019 00:00
Operator : JU/SJ
Sample : K2255-19DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

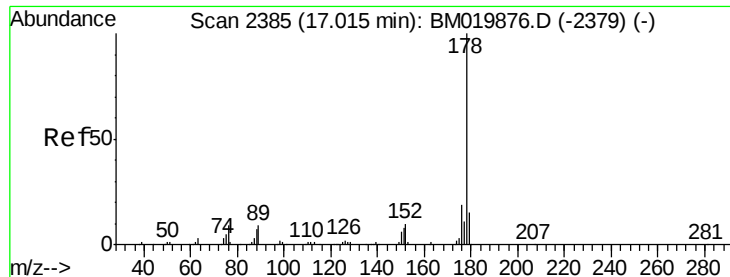
Instrument :
BNA_M
Client Sampled :
BFC20DL

Quant Time: Apr 11 04:47:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 03:09:11 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
4/12/2019 5:18:39 PM





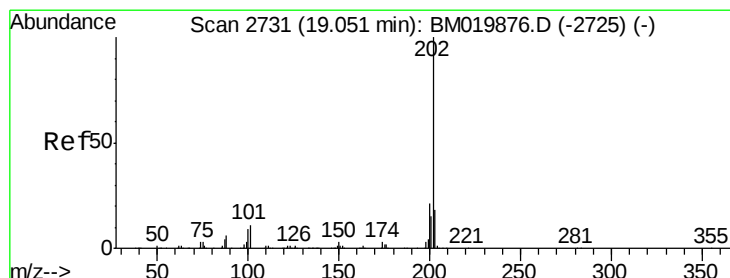
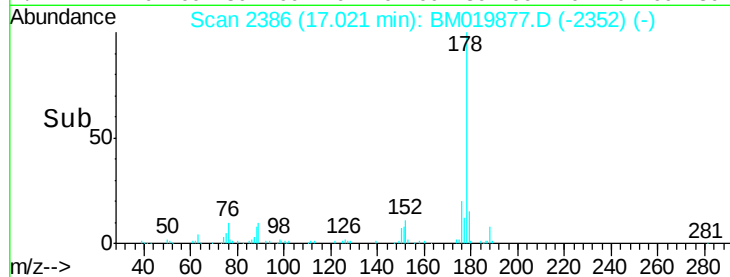
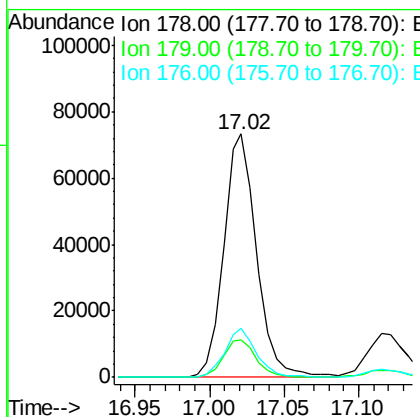
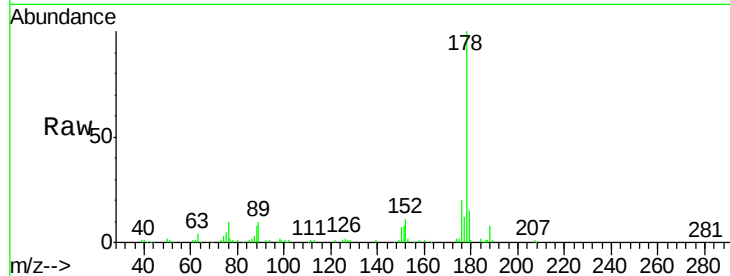
#70
Phenanthrene
Concen: 4.062 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM019877.D
Acq: 11 Apr 2019 00:00

Instrument :
BNA_M
ClientSampleId :
BFC20DL

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	113115		
179	15.5	12.3	18.5	
176	20.1	15.4	23.0	

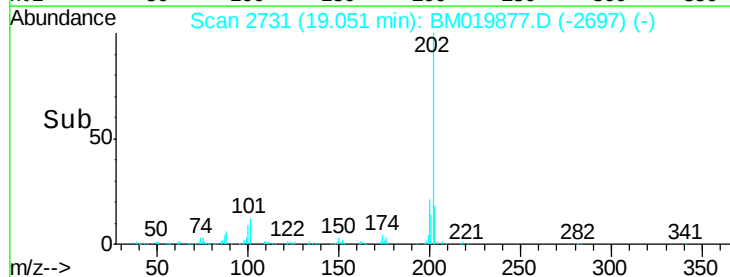
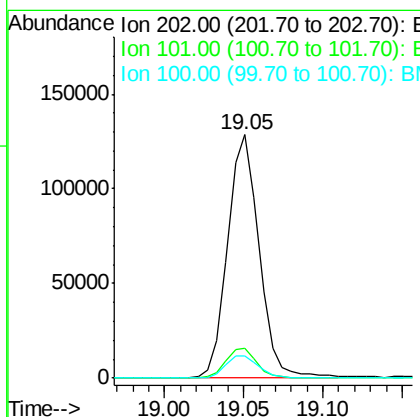
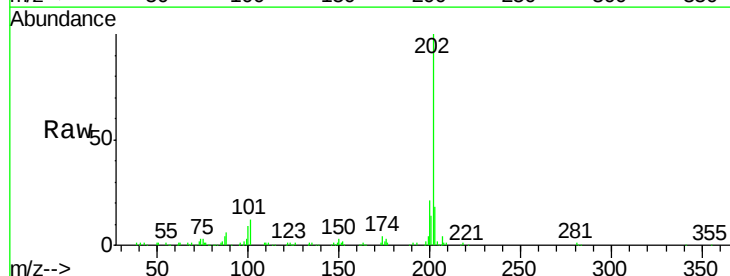
Manual Integrations
APPROVED

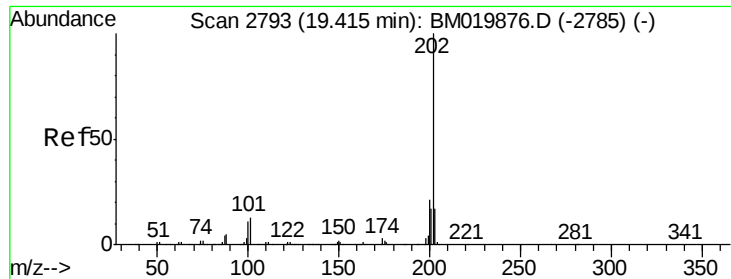
Sohil
4/12/2019 5:18:39 PM



#77
Fluoranthene
Concen: 5.555 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BM019877.D
Acq: 11 Apr 2019 00:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	177243		
101	12.2	6.1	9.1#	
100	9.2	4.6	7.0#	





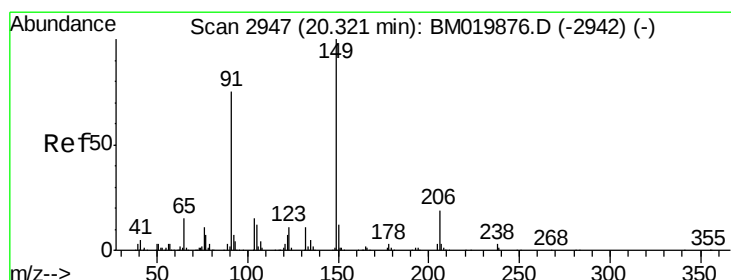
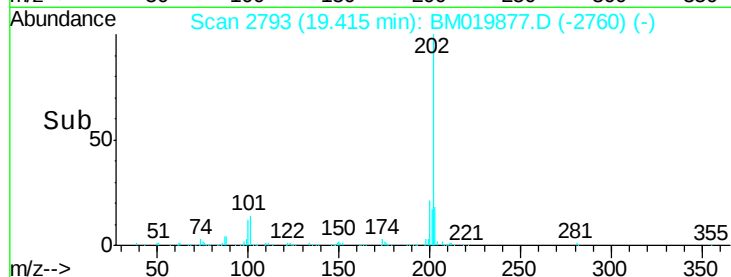
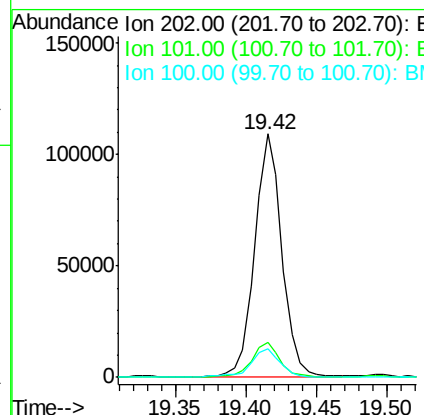
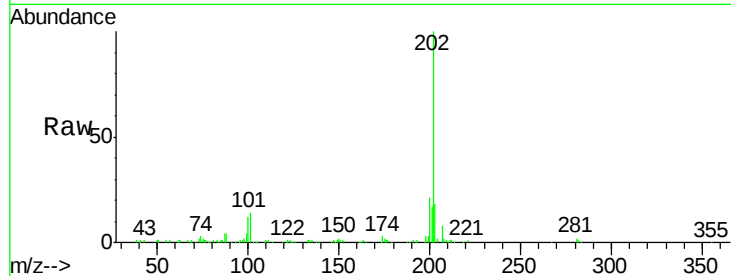
#80
Pyrene
Concen: 4.871 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM019877.D
Acq: 11 Apr 2019 00:00

Instrument :
BNA_M
ClientSampled :
BFC20DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.2	6.9	10.3#
100	11.5	5.6	8.4#

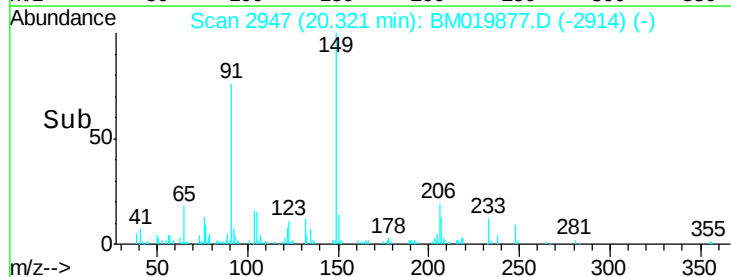
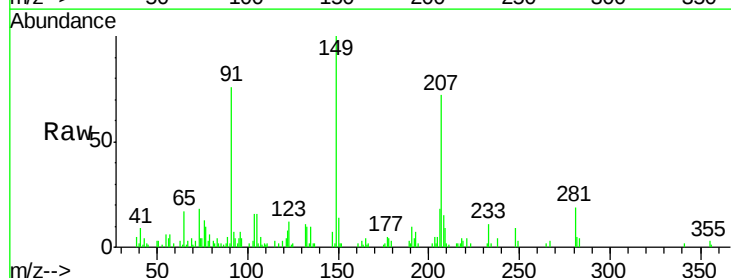
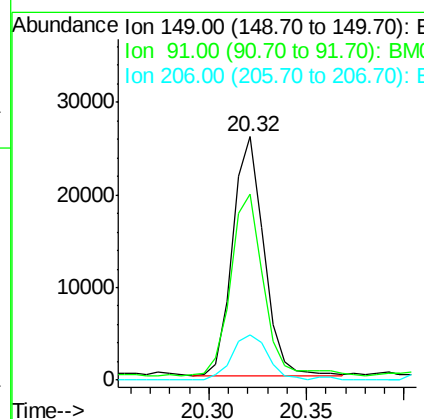
Manual Integrations
APPROVED

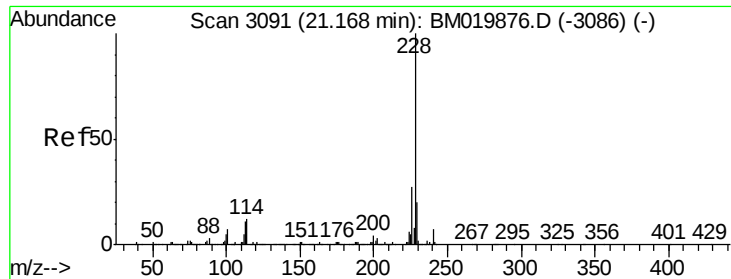
Sohil
4/12/2019 5:18:39 PM



#81
Butylbenzylphthalate
Concen: 2.379 ng/ul
RT: 20.32 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BM019877.D
Acq: 11 Apr 2019 00:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	76.2	53.4	80.0
206	18.3	19.3	28.9#





#83

Benzo(a)anthracene

Concen: 2.706 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM019877.D

Acq: 11 Apr 2019 00:00

Instrument :

BNA_M

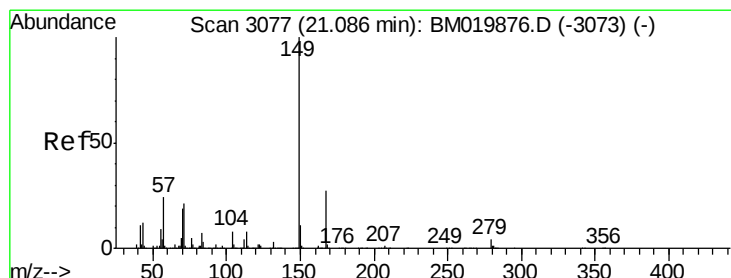
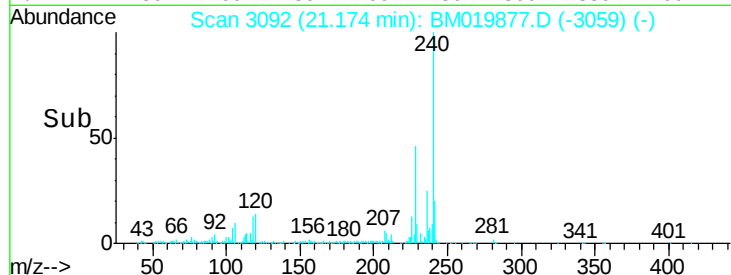
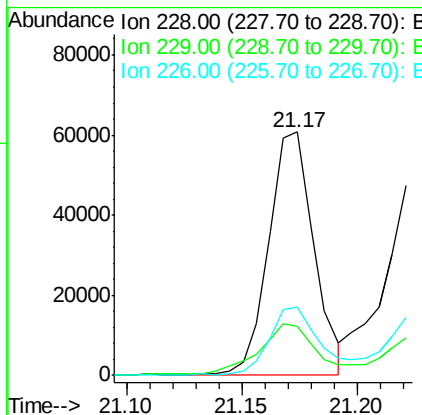
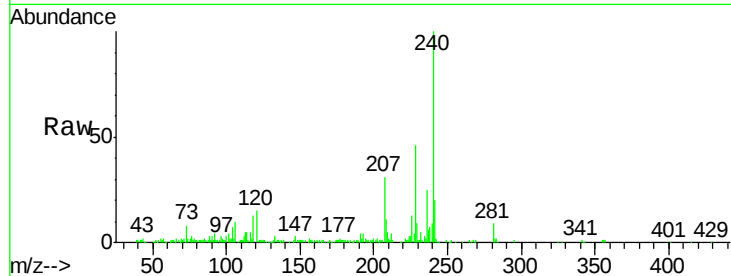
ClientSampleId :

BFC20DL

Tgt Ion:	228	Resp:	82879
Ion Ratio	Lower	Upper	
228	100		
229	20.1	16.0	24.0
226	28.0	21.8	32.8

Manual Integrations
APPROVED

Sohil
4/12/2019 5:18:39 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.014 ng/ul

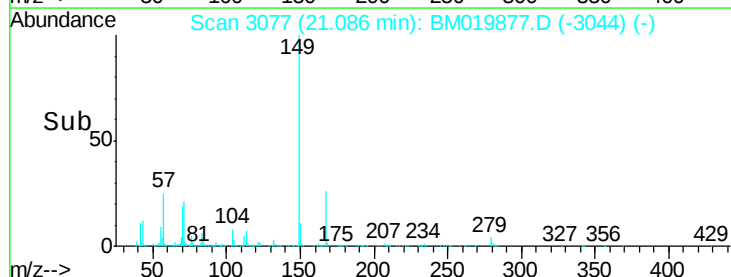
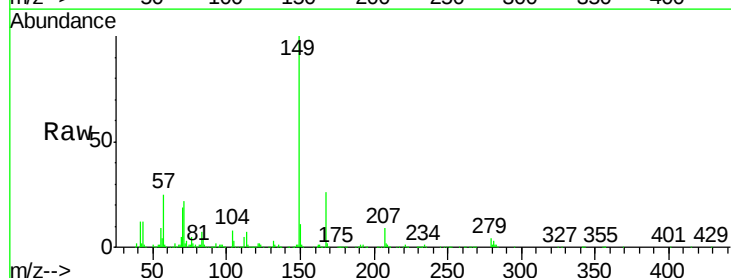
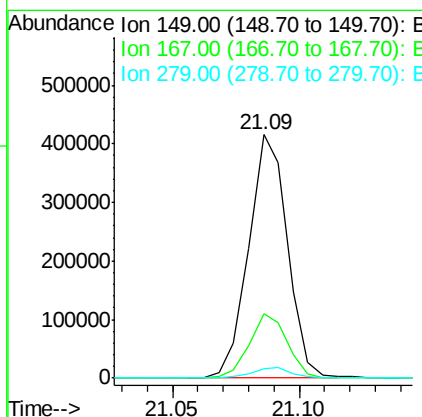
RT: 21.09 min Scan# 3077

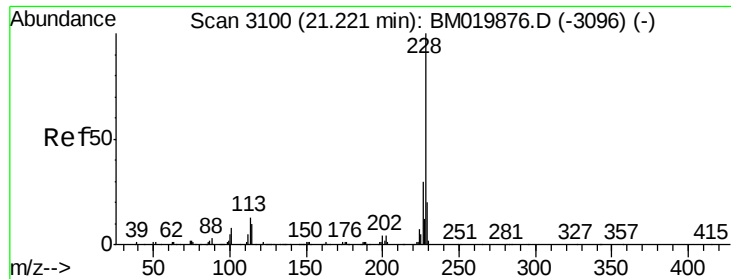
Delta R.T. -0.01 min

Lab File: BM019877.D

Acq: 11 Apr 2019 00:00

Tgt Ion:	149	Resp:	439460
Ion Ratio	Lower	Upper	
149	100		
167	26.4	23.0	34.6
279	4.0	4.3	6.5#





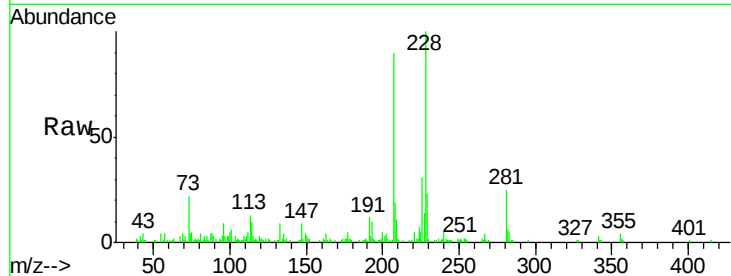
#85
Chrysene
Concen: 2.583 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM019877.D
Acq: 11 Apr 2019 00:00

Instrument :
BNA_M
ClientSampleId :
BFC20DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.1	36.1
229	22.7	16.0	24.0

Manual Integrations
APPROVED

Sohil
4/12/2019 5:18:39 PM

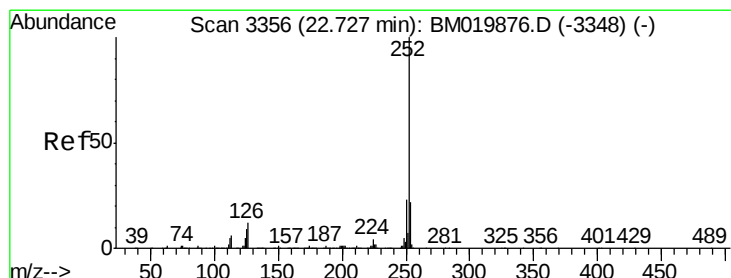
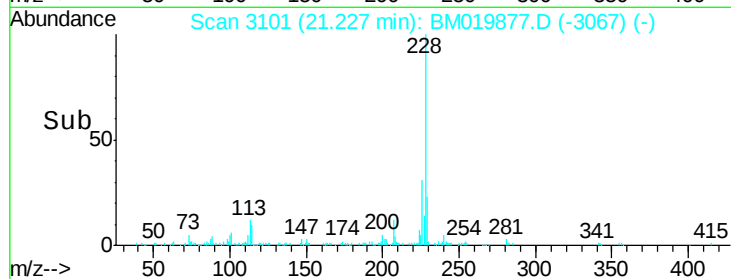
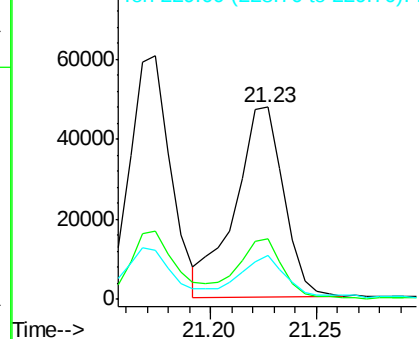


Abundance

Ion 228.00 (227.70 to 228.70): E

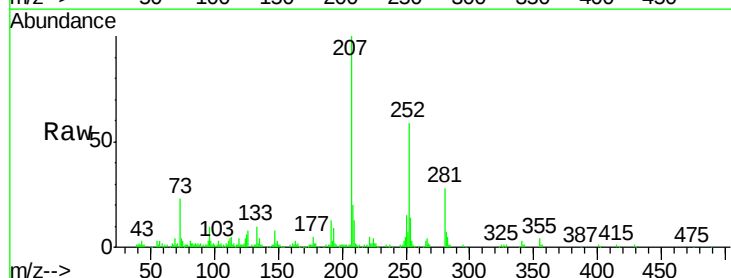
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88
Benzo(b)fluoranthene
Concen: 2.866 ng/ul
RT: 22.73 min Scan# 3357
Delta R.T. -0.00 min
Lab File: BM019877.D
Acq: 11 Apr 2019 00:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	10.9	4.9	7.3#

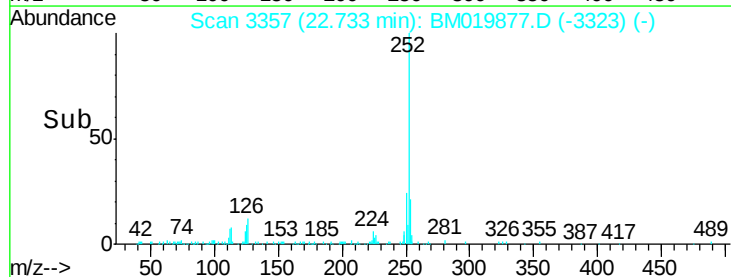
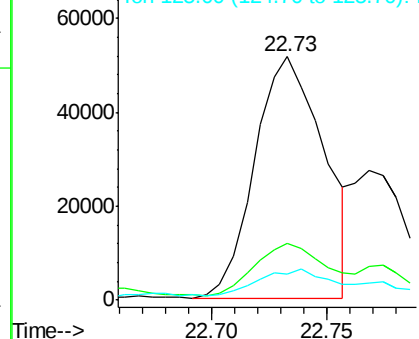


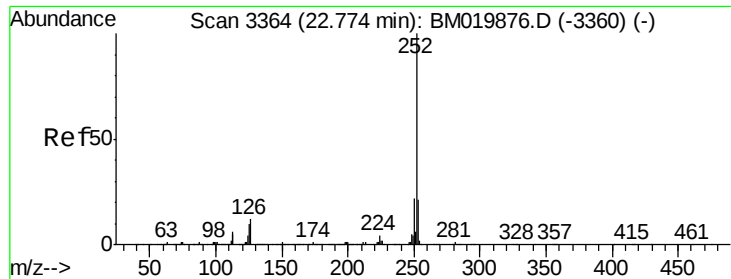
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 1.313 ng/ul m

RT: 22.77 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BM019877.D

Acq: 11 Apr 2019 00:00

Instrument :

BNA_M

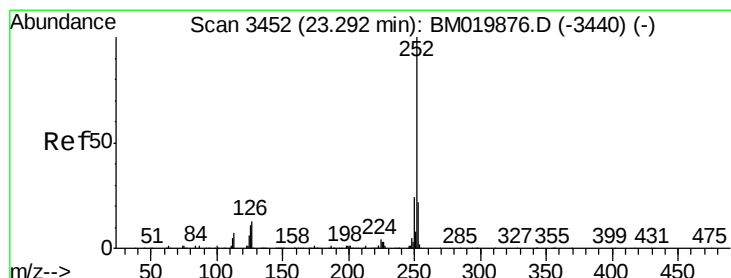
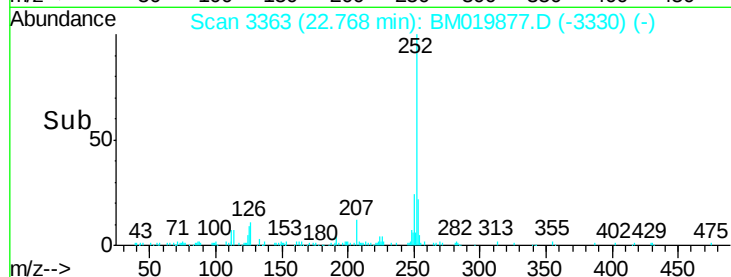
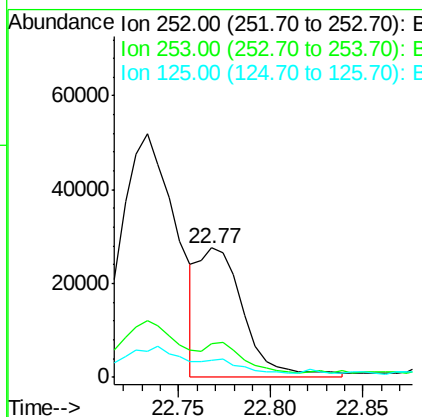
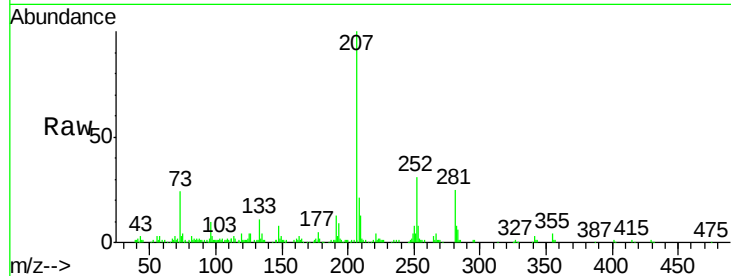
ClientSampleId :

BFC20DL

Tgt Ion:	252	Resp:	47247
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.1	25.7#
125	12.7	5.4	8.0#

Manual Integrations
APPROVED

Sohil
4/12/2019 5:18:39 PM



#91

Benzo(a)pyrene

Concen: 2.025 ng/ul

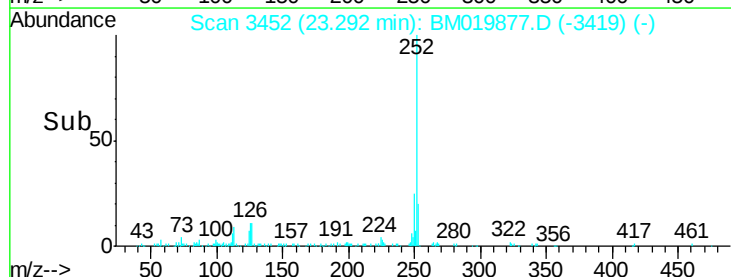
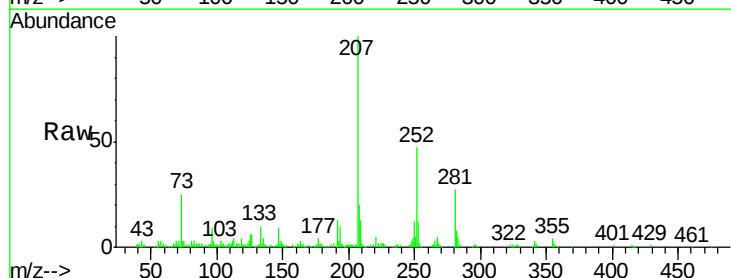
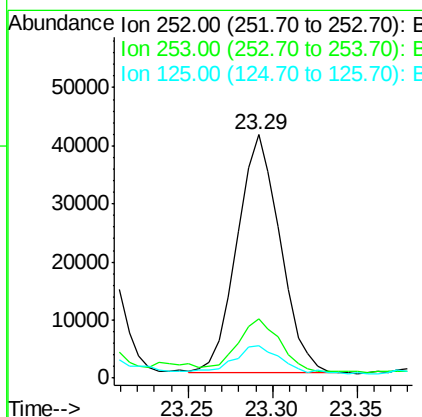
RT: 23.29 min Scan# 3452

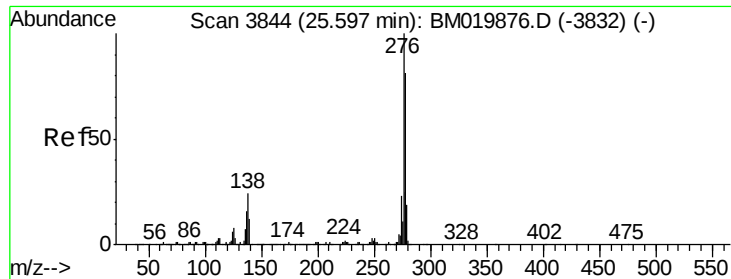
Delta R.T. -0.01 min

Lab File: BM019877.D

Acq: 11 Apr 2019 00:00

Tgt Ion:	252	Resp:	72513
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.2	25.8
125	13.4	5.8	8.6#





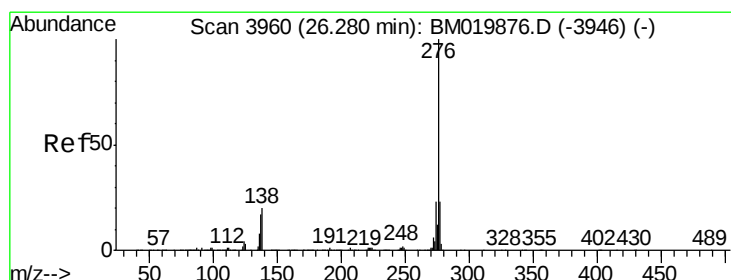
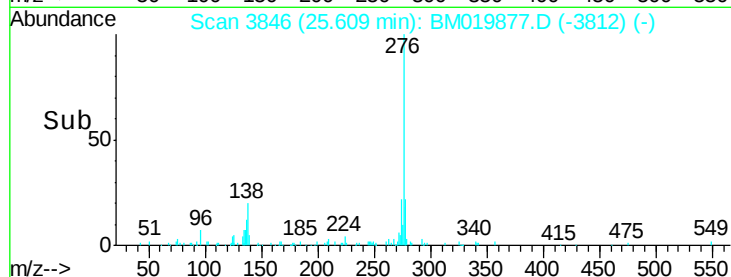
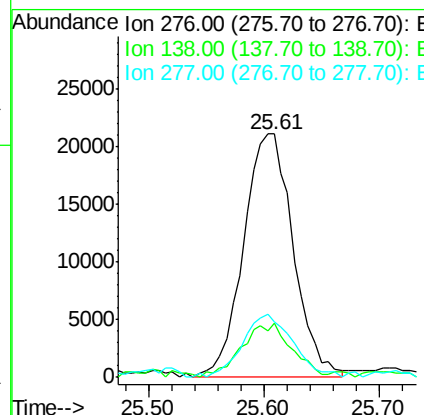
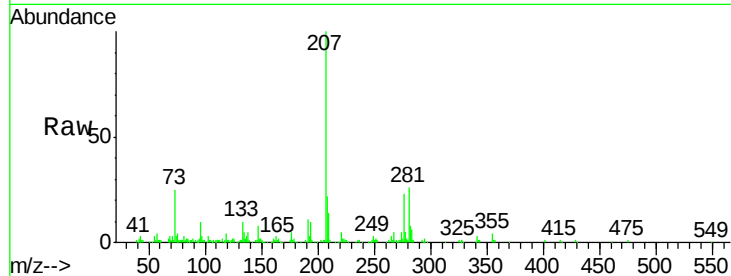
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.409 ng/ul
 RT: 25.61 min Scan# 3846
 Delta R.T. -0.00 min
 Lab File: BM019877.D
 Acq: 11 Apr 2019 00:00

Instrument :
 BNA_M
 ClientSampleId :
 BFC20DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	10.9	16.3#
277	22.8	18.9	28.3

Manual Integrations
 APPROVED

Sohil
 4/12/2019 5:18:39 PM



#94
 Benzo(g,h,i)perylene
 Concen: 1.378 ng/ul
 RT: 26.29 min Scan# 3961
 Delta R.T. -0.01 min
 Lab File: BM019877.D
 Acq: 11 Apr 2019 00:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	11.2	16.8#
277	24.9	19.0	28.6

