

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
 Data File : BM013381.D
 Acq On : 13 Dec 2017 19:35
 Operator : SJ/JU
 Sample : I6758-12ME 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B13ME

Manual Integrations
 APPROVED

Sohil
 12/15/2017 7:34:13 PM

Quant Time: Dec 14 01:48:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 14 01:15:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	124363	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	554686	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	355685	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	960923	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1252212	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1158302	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	6052m	2.41	ng/uL	0.00
5) Phenol-d5	6.86	99	123780	11.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	71013	11.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	99220	11.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	106349	11.57	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	55060	12.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	55314	11.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	114635	11.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	114342	12.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	398210	12.58	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	491607	12.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	51374m	9.34	ng/ul	0.00
57) Fluorene-d10	15.32	176	374482	13.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	44267	7.32	ng/ul	0.00
70) Anthracene-d10	17.17	188	645960	13.42	ng/ul	0.00
76) Pyrene-d10	19.47	212	797305	12.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	725689	12.30	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.79	163	45203	1.493	ng/ul	97
47) Acenaphthylene	14.05	152	596721	16.509	ng/ul	98
56) Diethylphthalate	15.16	149	101676	3.349	ng/ul	97
68) Pentachlorophenol	16.73	266	21435	2.975	ng/ul	93
69) Phenanthrene	17.12	178	76208	1.396	ng/ul	95
71) Anthracene	17.21	178	884961	15.859	ng/ul	99
72) Carbazole	17.48	167	87994	1.833	ng/ul	95
74) Fluoranthene	19.13	202	763389	11.411	ng/ul#	94
77) Pyrene	19.50	202	815387	10.718	ng/ul#	90
80) Benzo(a)anthracene	21.25	228	952226m	11.985	ng/ul	
82) Chrysene	21.30	228	1577657m	21.404	ng/ul	
85) Benzo(b)fluoranthene	22.83	252	4154878	53.211	ng/ul#	96
86) Benzo(k)fluoranthene	22.87	252	1043462m	14.200	ng/ul	
88) Benzo(a)pyrene	23.40	252	1896031	27.031	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.73	276	1334961	19.182	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.73	278	396205	6.686	ng/ul#	83
91) Benzo(g,h,i)perylene	26.41	276	1025649	18.683	ng/ul#	94

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

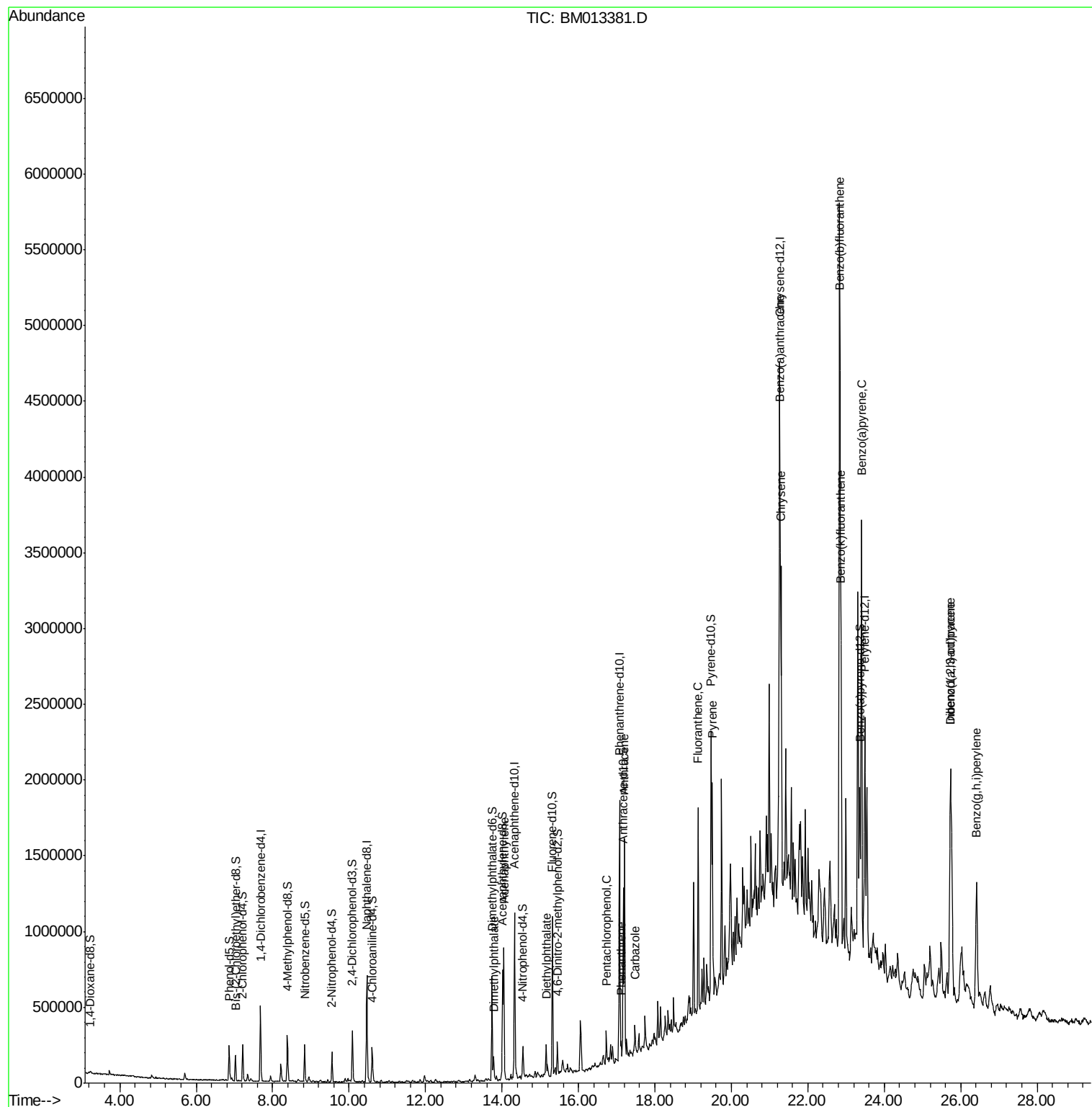
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013381.D
Acq On : 13 Dec 2017 19:35
Operator : SJ/JU
Sample : I6758-12ME 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

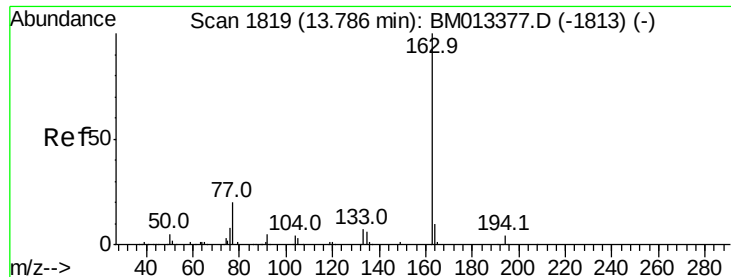
Instrument :
BNA_M
ClientSampleId :
F9B13ME

Manual Integrations
APPROVED

Sohil
12/15/2017 7:34:13 PM

Quant Time: Dec 14 01:48:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 01:15:39 2017
Response via : Initial Calibration





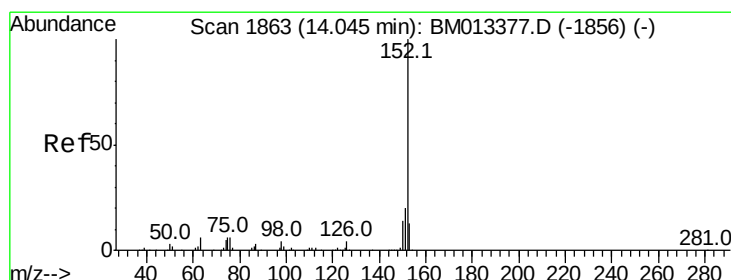
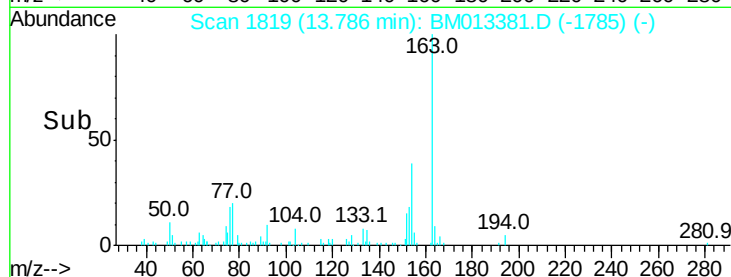
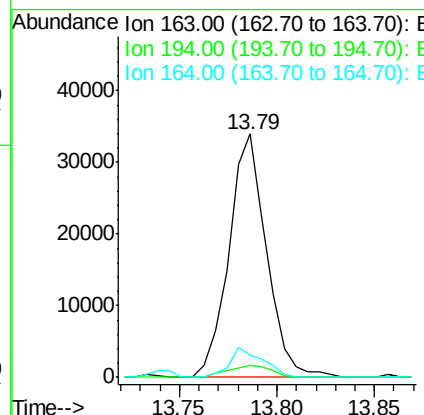
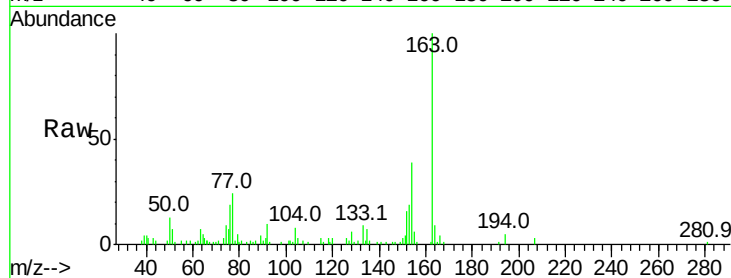
#44
Dimethylphthalate
Concen: 1.493 ng/ul
RT: 13.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BM013381.D
Acq: 13 Dec 2017 19:35

Instrument :
BNA_M
ClientSampleId :
F9B13ME

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.5	5.3
164	9.1	8.2	12.4

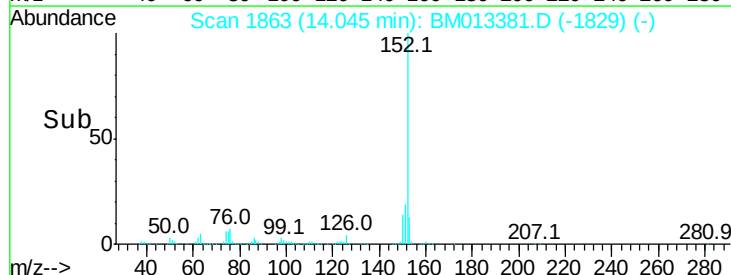
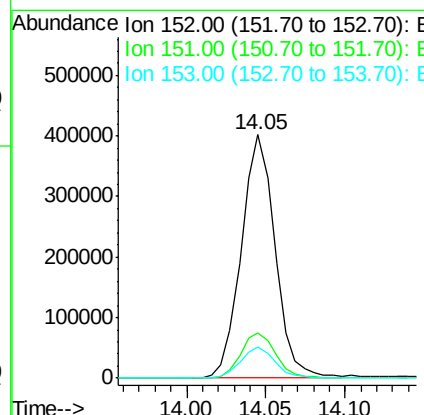
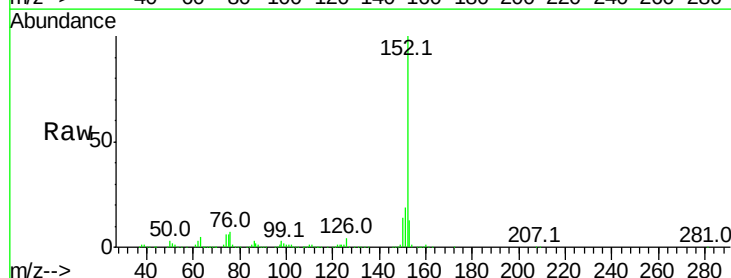
Manual Integrations
APPROVED

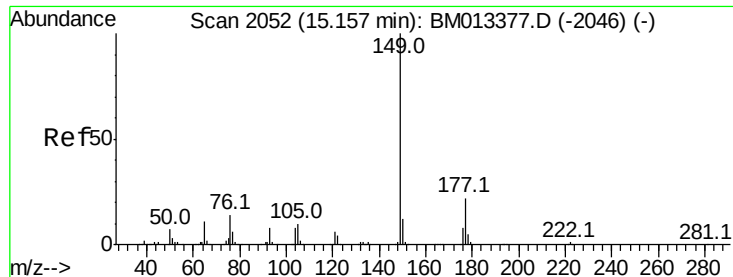
Sohil
12/15/2017 7:34:13 PM



#47
Acenaphthylene
Concen: 16.509 ng/ul
RT: 14.05 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BM013381.D
Acq: 13 Dec 2017 19:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.3	24.5
153	12.9	10.2	15.4





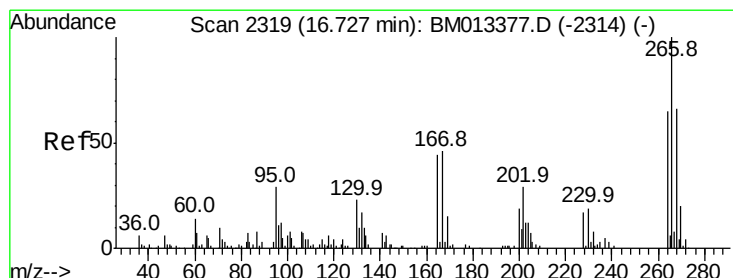
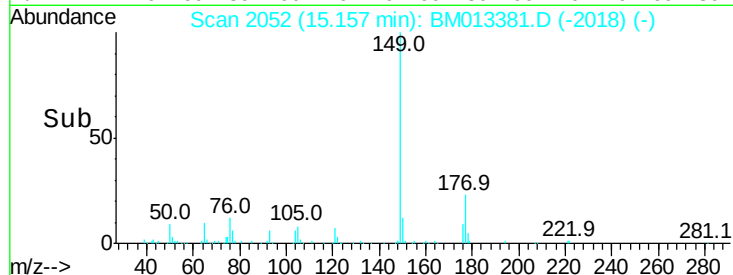
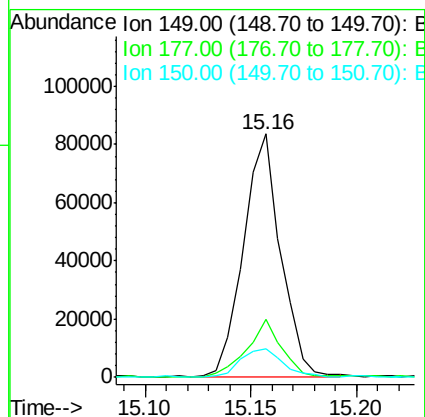
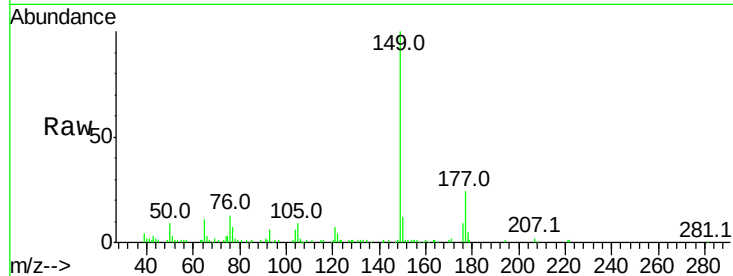
#56
Diethylphthalate
Concen: 3.349 ng/ul
RT: 15.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BM013381.D
Acq: 13 Dec 2017 19:35

Instrument :
BNA_M
ClientSampleId :
F9B13ME

Tot Ion	Ratio	Resp	Lower	Upper
149	100	101676		
177	24.0		20.5	30.7
150	11.9		10.6	15.8

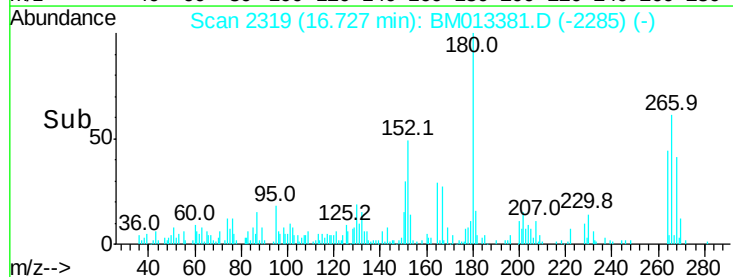
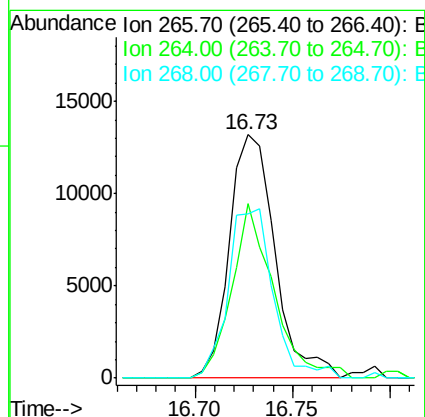
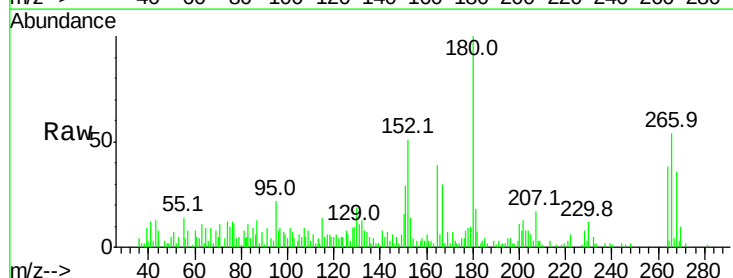
Manual Integrations
APPROVED

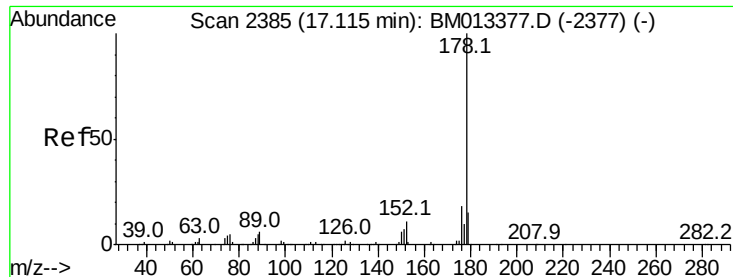
Sohil
12/15/2017 7:34:13 PM



#68
Pentachlorophenol
Concen: 2.975 ng/ul
RT: 16.73 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BM013381.D
Acq: 13 Dec 2017 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	21435		
264	71.5		49.3	73.9
268	67.3		52.6	78.8





#69

Phenanthrene

Concen: 1.396 ng/ul

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM013381.D

Acq: 13 Dec 2017 19:35

Instrument :

BNA_M

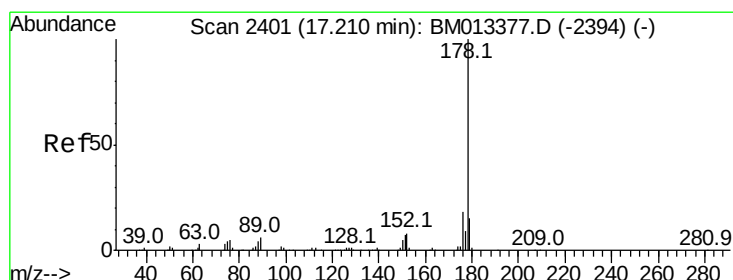
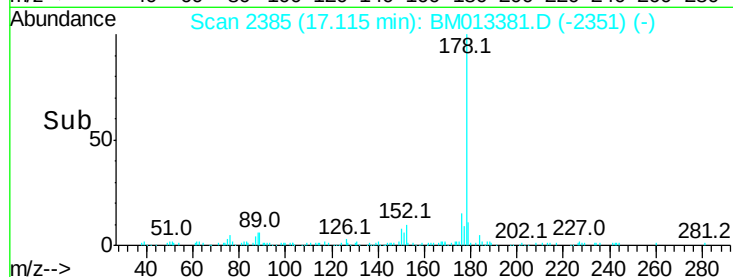
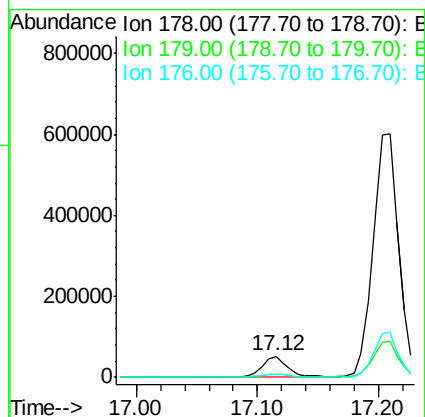
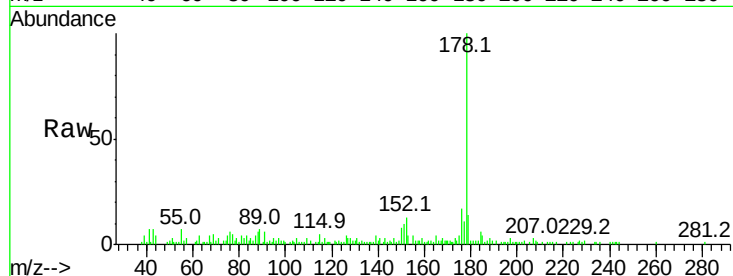
ClientSampleId :

F9B13ME

Tot Ion:178	Resp:	76208
Ion Ratio	Lower	Upper
178	100	
179	13.6	12.6 19.0
176	16.7	14.9 22.3

Manual Integrations
APPROVED

Sohil
12/15/2017 7:34:13 PM



#71

Anthracene

Concen: 15.859 ng/ul

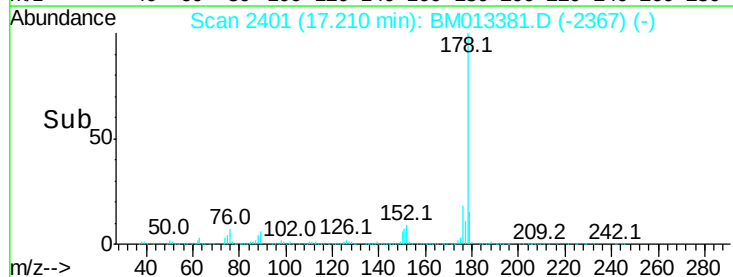
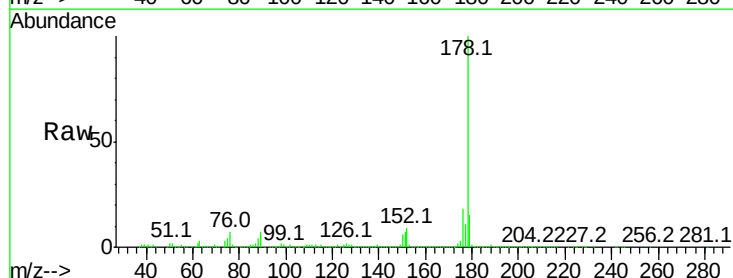
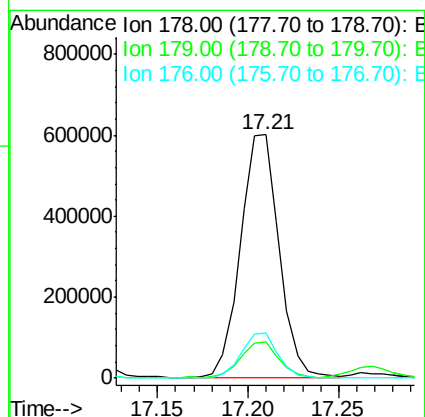
RT: 17.21 min Scan# 2401

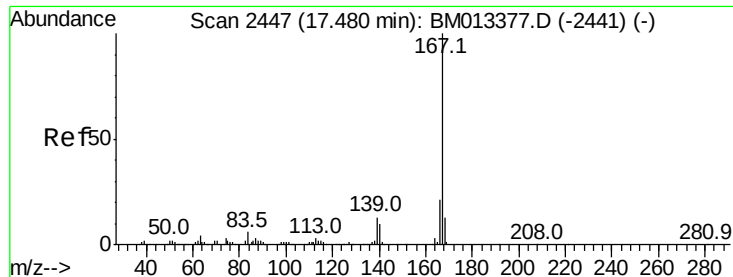
Delta R.T. -0.00 min

Lab File: BM013381.D

Acq: 13 Dec 2017 19:35

Tgt Ion:178	Resp:	884961
Ion Ratio	Lower	Upper
178	100	
179	14.8	11.7 17.5
176	18.5	14.6 21.8





#72

Carbazole

Concen: 1.833 ng/ul

RT: 17.48 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BM013381.D

Acq: 13 Dec 2017 19:35

Instrument :

BNA_M

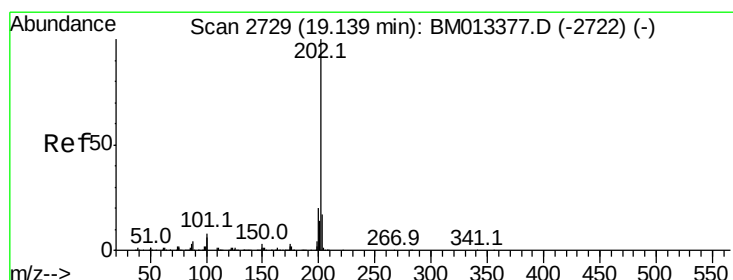
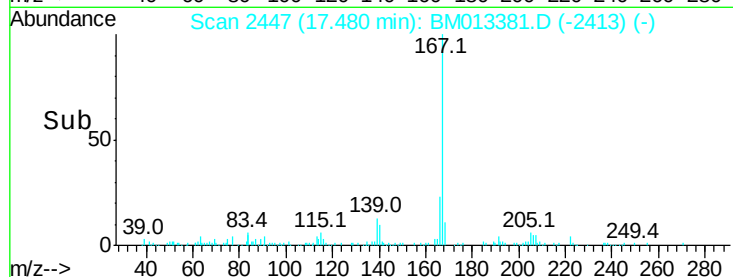
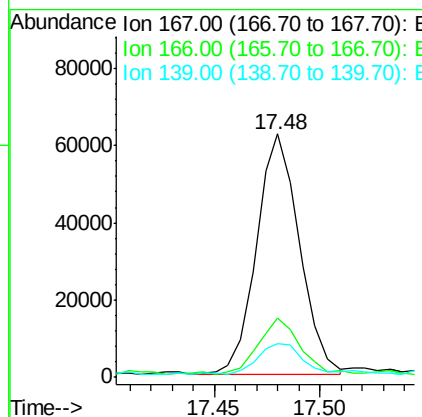
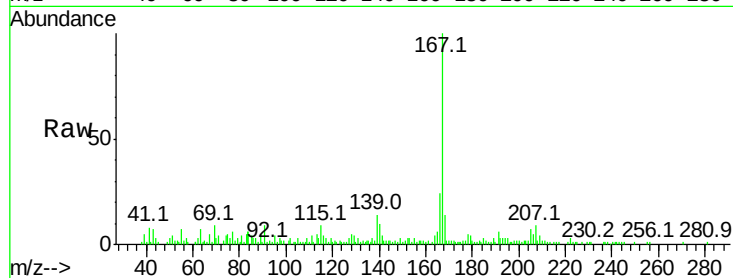
ClientSampleId :

F9B13ME

Tot Ion:	167	Resp:	87994
Ion Ratio	Lower	Upper	
167	100		
166	24.2	17.1	25.7
139	13.6	10.0	15.0

Manual Integrations
APPROVED

Sohil
12/15/2017 7:34:13 PM



#74

Fluoranthene

Concen: 11.411 ng/ul

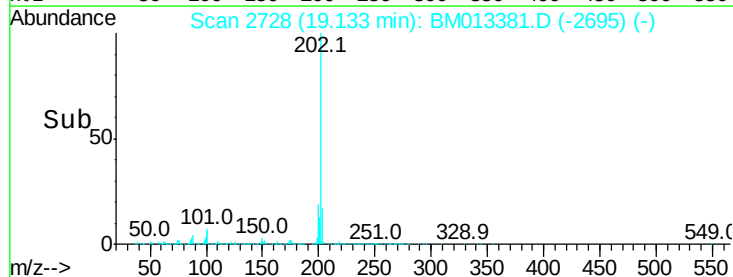
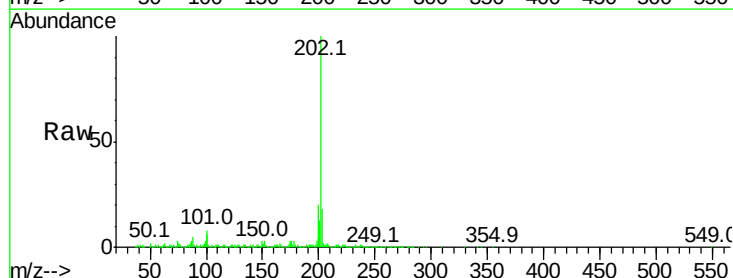
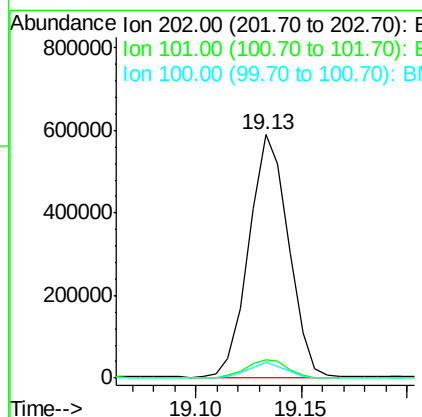
RT: 19.13 min Scan# 2728

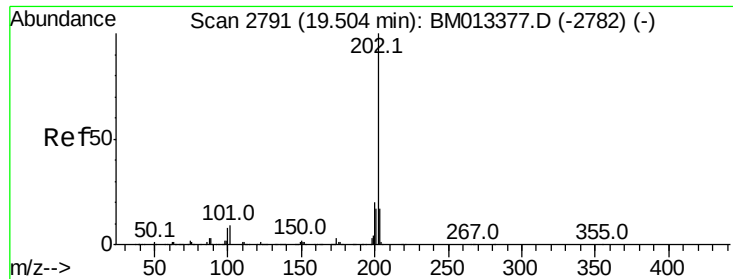
Delta R.T. -0.01 min

Lab File: BM013381.D

Acq: 13 Dec 2017 19:35

Tgt Ion:	202	Resp:	763389
Ion Ratio	Lower	Upper	
202	100		
101	7.7	4.6	7.0#
100	6.3	3.4	5.2#





#77

Pvrene

Concen: 10.718 ng/ul

RT: 19.50 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM013381.D

Acq: 13 Dec 2017 19:35

Instrument :

BNA_M

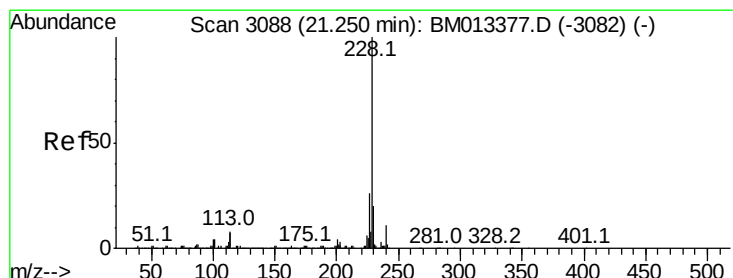
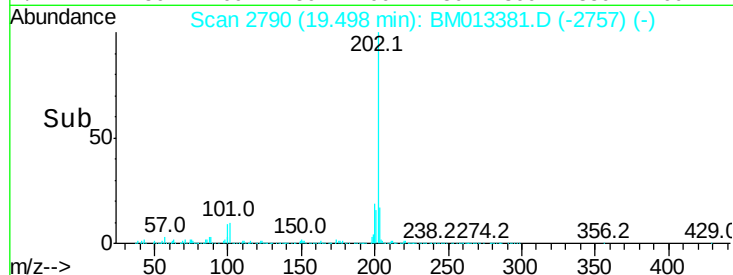
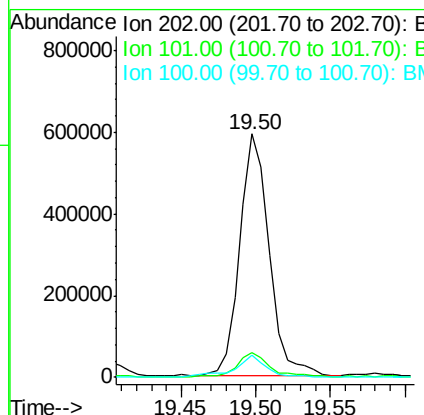
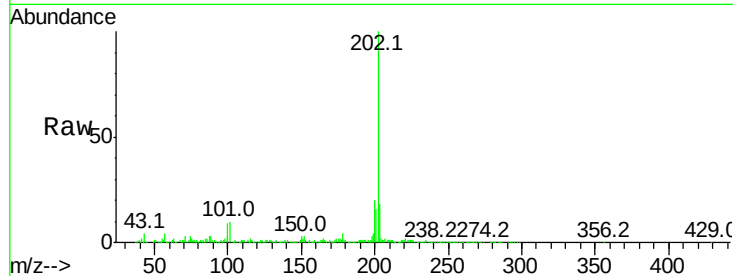
ClientSampleId :

F9B13ME

Tot Ion:	202	Resp:	815387
Ion Ratio	Lower	Upper	
202	100		
101	10.2	5.1	7.7#
100	9.1	4.9	7.3#

Manual Integrations
APPROVED

Sohil
12/15/2017 7:34:13 PM



#80

Benzo(a)anthracene

Concen: 11.985 ng/ul m

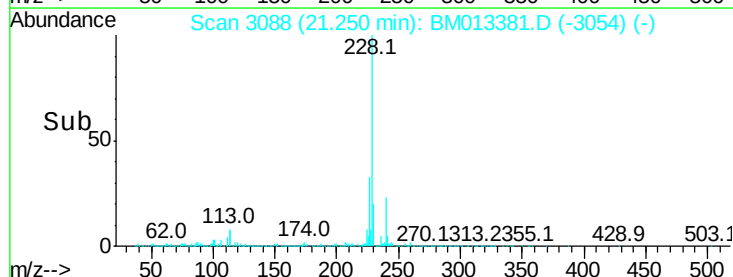
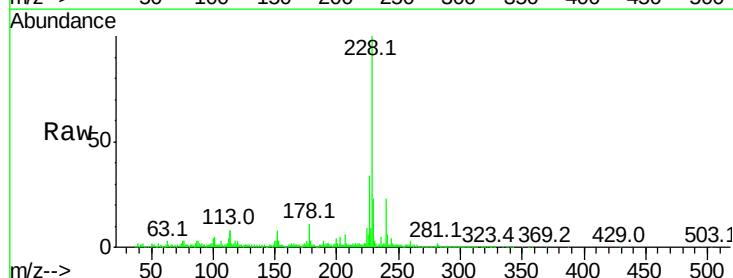
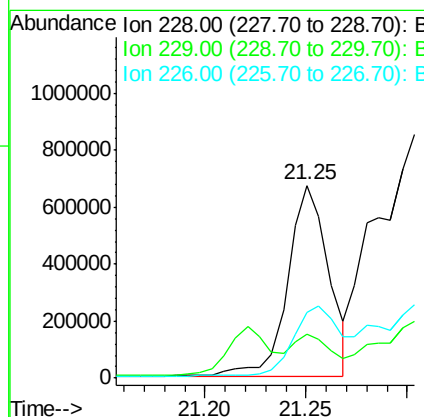
RT: 21.25 min Scan# 3088

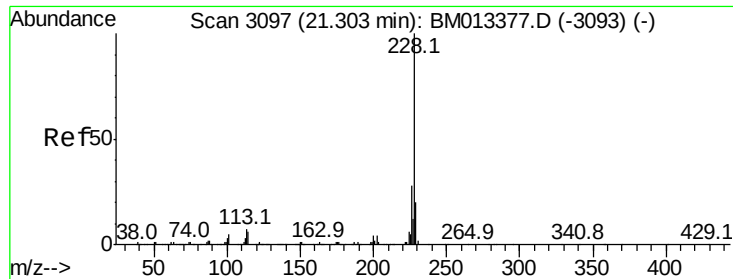
Delta R.T. -0.00 min

Lab File: BM013381.D

Acq: 13 Dec 2017 19:35

Tgt Ion:	228	Resp:	952226
Ion Ratio	Lower	Upper	
228	100		
229	23.1	15.4	23.0#
226	34.4	21.4	32.0#





#82

Chrysene

Concen: 21.404 ng/ul m

RT: 21.30 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM013381.D

Acq: 13 Dec 2017 19:35

Instrument :

BNA_M

ClientSampleId :

F9B13ME

Tot Ion:228 Resp: 1577657

Ion Ratio Lower Upper

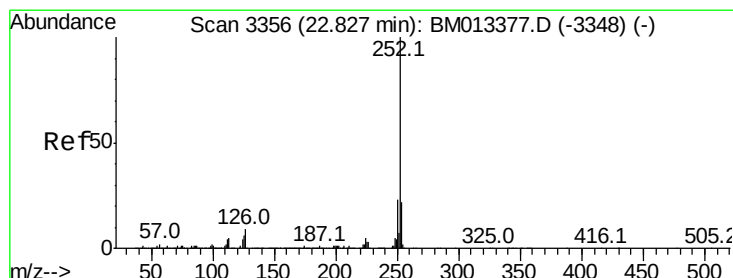
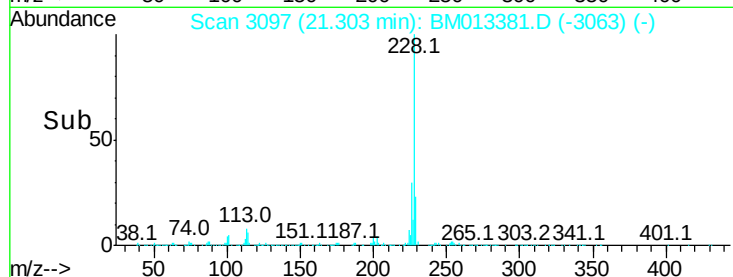
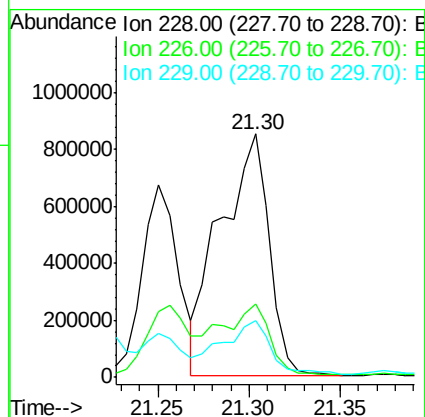
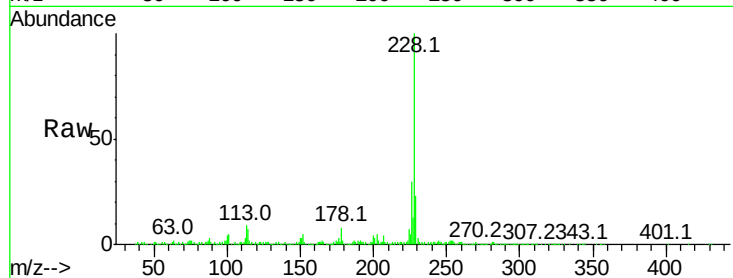
228 100

226 30.3 23.4 35.2

229 23.4 15.5 23.3#

Manual Integrations
APPROVED

Sohil
12/15/2017 7:34:13 PM



#85

Benzo(b)fluoranthene

Concen: 53.211 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. 0.01 min

Lab File: BM013381.D

Acq: 13 Dec 2017 19:35

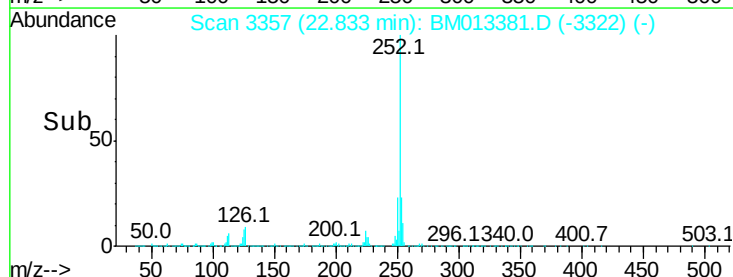
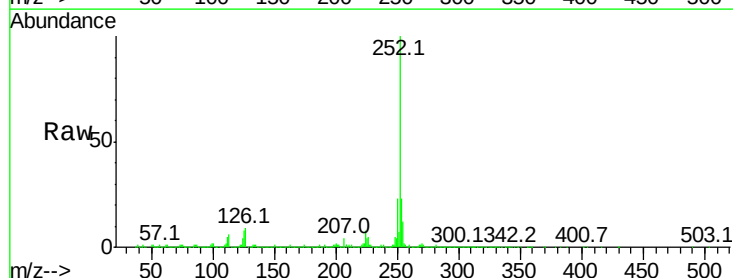
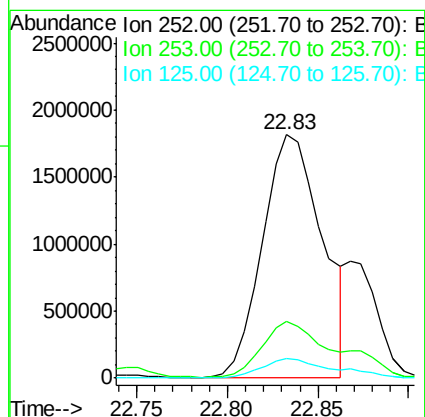
Tgt Ion:252 Resp: 4154878

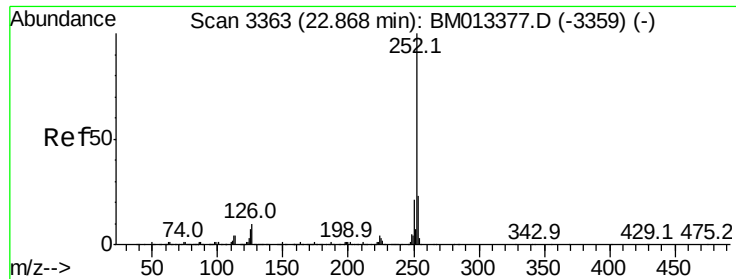
Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

125 8.0 3.6 5.4#





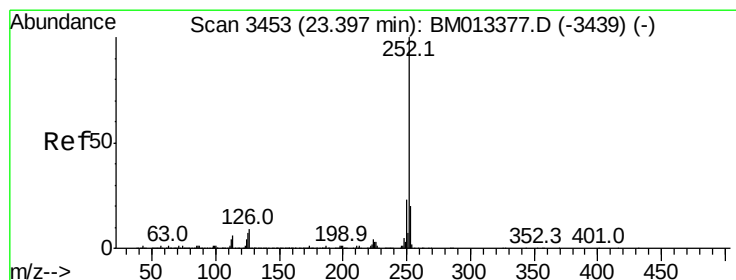
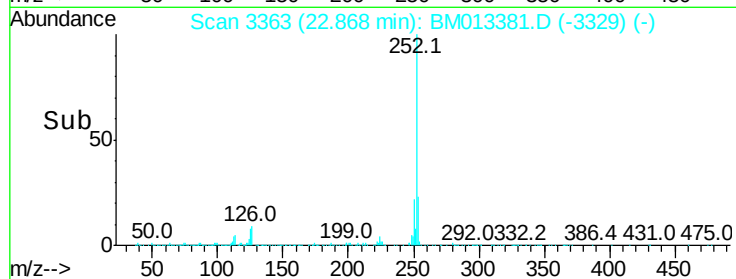
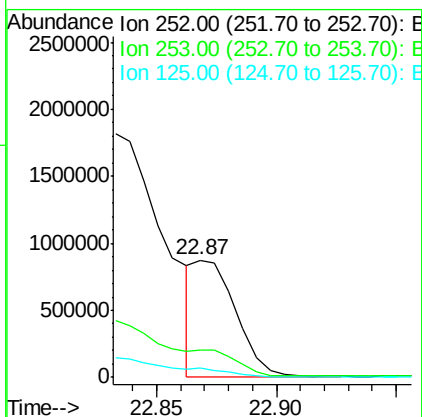
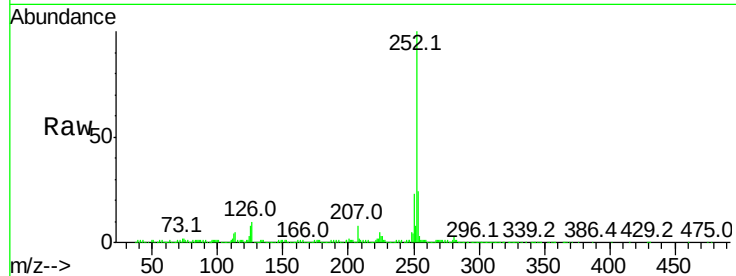
#86
Benzo(k)fluoranthene
Concen: 14.200 ng/ul m
RT: 22.87 min Scan# 3363
Delta R.T. -0.00 min
Lab File: BM013381.D
Acq: 13 Dec 2017 19:35

Instrument :
BNA_M
ClientSampleId :
F9B13ME

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	8.0	3.4	5.2

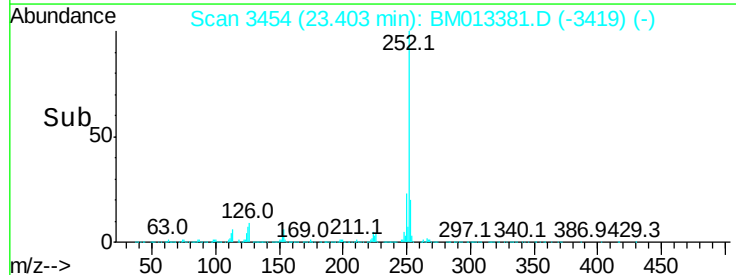
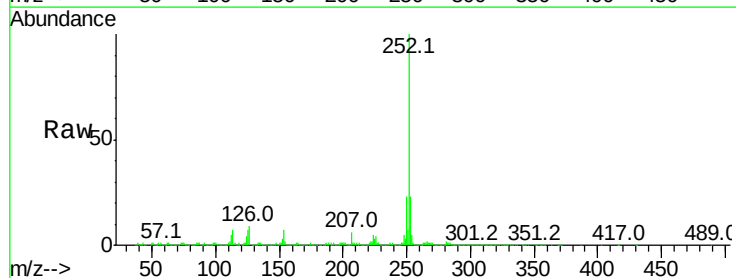
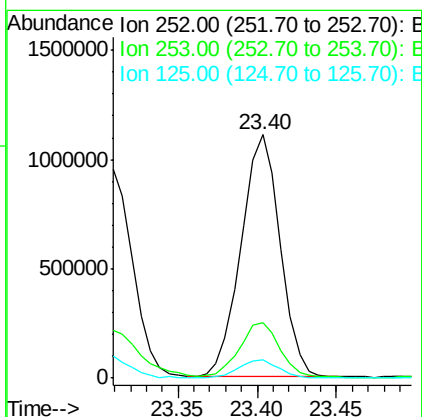
Manual Integrations
APPROVED

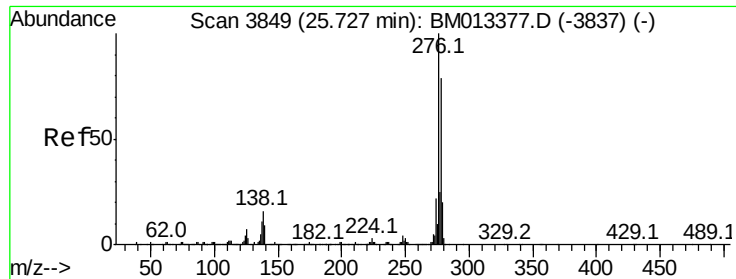
Sohil
12/15/2017 7:34:13 PM



#88
Benzo(a)pyrene
Concen: 27.031 ng/ul
RT: 23.40 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BM013381.D
Acq: 13 Dec 2017 19:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	7.3	4.0	6.0





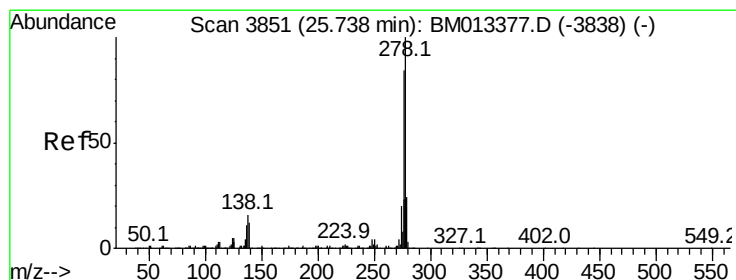
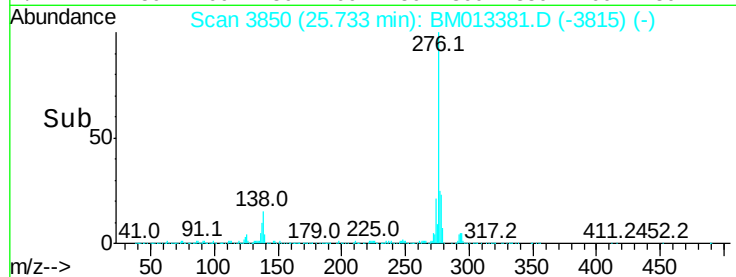
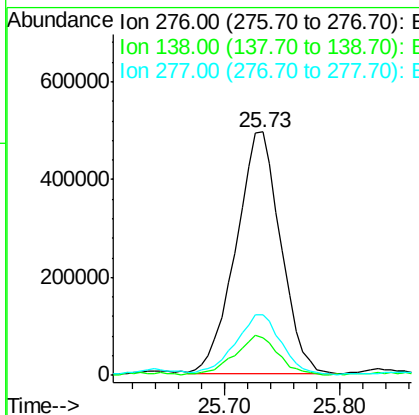
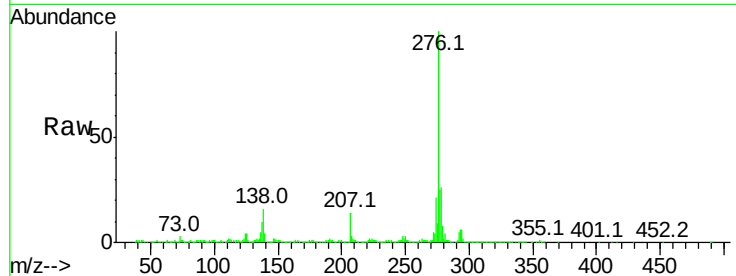
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 19.182 ng/ul
 RT: 25.73 min Scan# 3850
 Delta R.T. 0.01 min
 Lab File: BM013381.D
 Acq: 13 Dec 2017 19:35

Instrument :
 BNA_M
 ClientSampleId :
 F9B13ME

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.6	9.3	13.9#
277	25.1	19.9	29.9

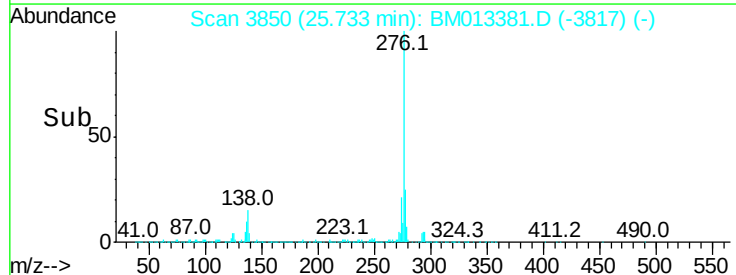
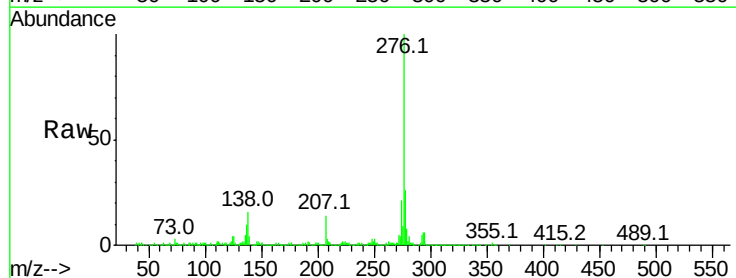
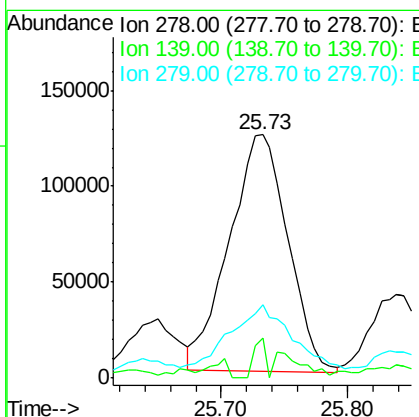
Manual Integrations
 APPROVED

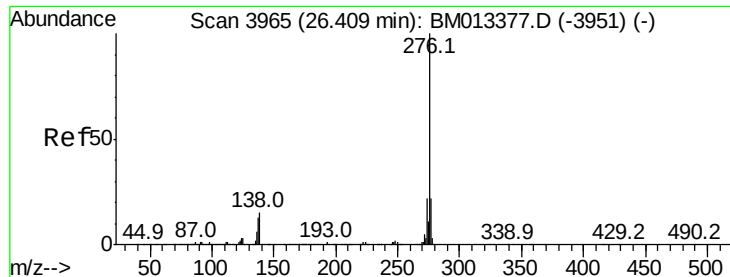
Sohil
 12/15/2017 7:34:13 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 6.686 ng/ul
 RT: 25.73 min Scan# 3850
 Delta R.T. -0.01 min
 Lab File: BM013381.D
 Acq: 13 Dec 2017 19:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	5.8	8.8#
279	29.9	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 18.683 ng/ul

RT: 26.41 min Scan# 3966

Delta R.T. 0.01 min

Lab File: BM013381.D

Acq: 13 Dec 2017 19:35

Instrument :

BNA_M

ClientSampleId :

F9B13ME

Tot Ion:276 Resp: 1025649

Ion Ratio Lower Upper

276 100

138 14.3 8.5 12.7#

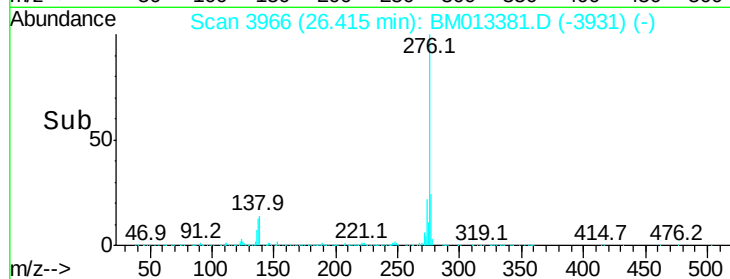
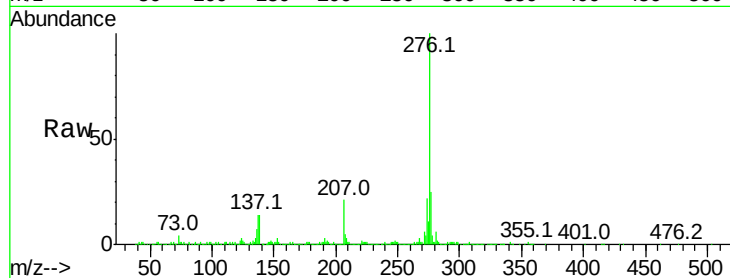
277 25.0 18.6 28.0

Manual Integrations

APPROVED

Sohil

12/15/2017 7:34:13 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

