

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BM102517\
 Data File : BM012452.D
 Acq On : 25 Oct 2017 19:58
 Operator : SJ/JU
 Sample : I5719-06 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-37(1-3)-100417

Manual Integrations
 APPROVED

Sohil
 6/27/2018 2:47:53 PM

Quant Time: Jun 23 04:03:42 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 05:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	572663	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2224046	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1146566	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2109076	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2136571	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2460379	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	7242	0.65	ng/uL	0.00
5) Phenol-d5	7.05	99	142502	2.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	96176	3.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	115668	3.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	84720	2.07	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	59322	4.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	56304	3.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	106217	2.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	21261	0.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	349472	3.49	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	404291	3.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	14977	1.01	ng/ul	0.00
57) Fluorene-d10	15.50	176	276478	3.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	4570	0.45	ng/ul	0.00
70) Anthracene-d10	17.35	188	360687	3.59	ng/ul	0.00
76) Pyrene-d10	19.64	212	374509	3.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	423799	3.63	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.97	163	156255m	1.577	ng/ul
69) Phenanthrene	17.29	178	709370	6.220	ng/ul 98
71) Anthracene	17.39	178	172329	1.462	ng/ul 97
74) Fluoranthene	19.30	202	1353082	10.470	ng/ul# 95
77) Pyrene	19.67	202	1177040	9.688	ng/ul# 95
80) Benzo(a)anthracene	21.41	228	662715	5.180	ng/ul 95
82) Chrysene	21.46	228	668601m	5.878	ng/ul
85) Benzo(b)fluoranthene	23.04	252	1023507	6.730	ng/ul# 85
86) Benzo(k)fluoranthene	23.08	252	351949m	2.459	ng/ul
88) Benzo(a)pyrene	23.63	252	703159	4.849	ng/ul# 91
89) Indeno(1,2,3-cd)pyrene	26.09	276	563967	3.304	ng/ul# 91
90) Dibenzo(a,h)anthracene	26.09	278	153080	1.058	ng/ul# 57
91) Benzo(g,h,i)perylene	26.80	276	531855	3.845	ng/ul# 85

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

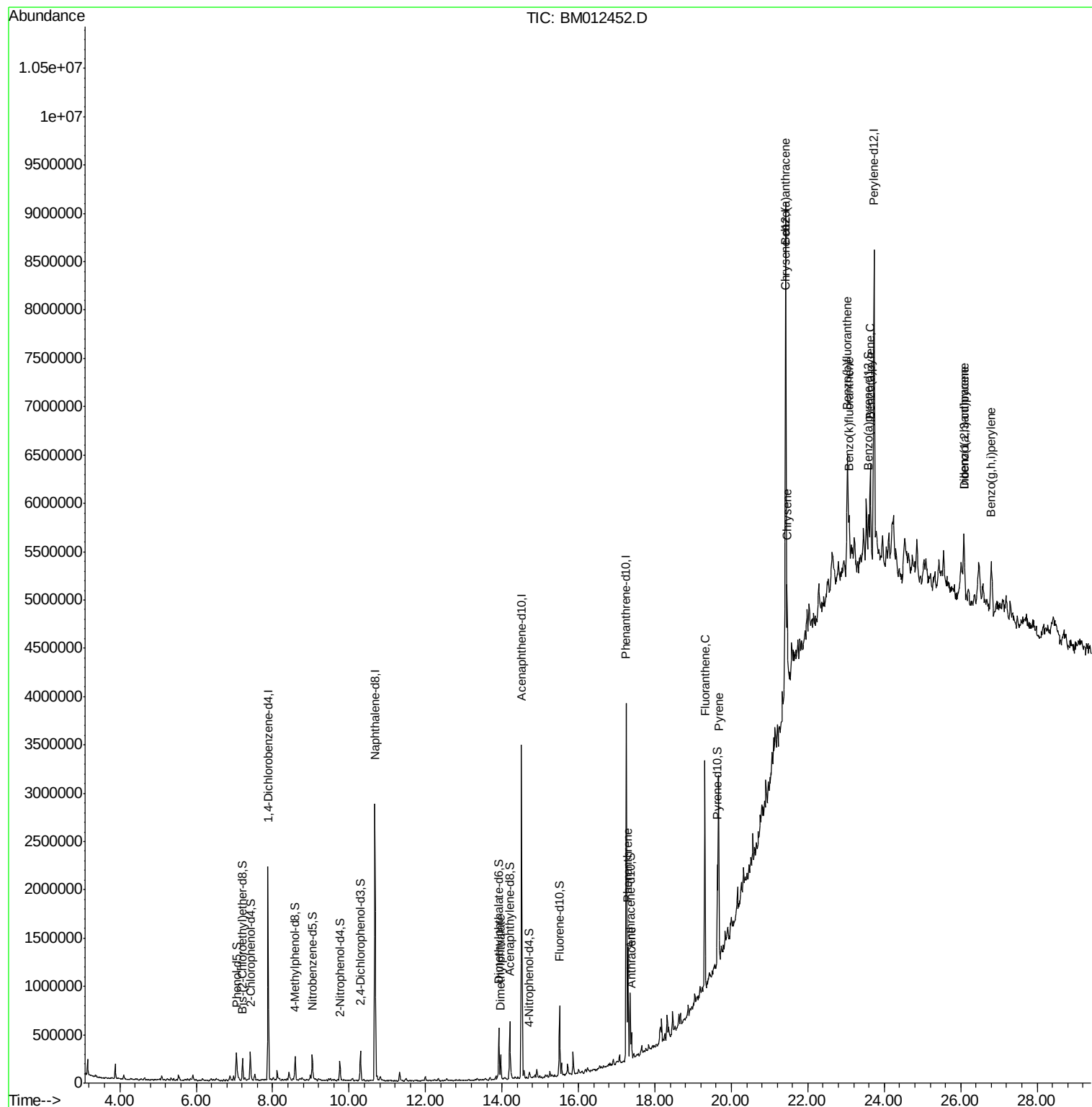
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BM102517\
Data File : BM012452.D
Acq On : 25 Oct 2017 19:58
Operator : SJ/JU
Sample : I5719-06 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

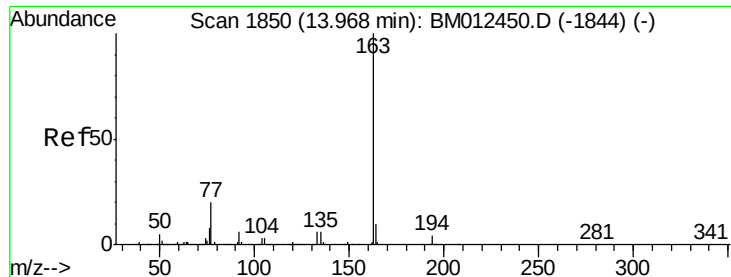
Instrument :
BNA_M
ClientSampleID :
B-37(1-3)-100417

Manual Integrations
APPROVED

Sohil
6/27/2018 2:47:53 PM

Quant Time: Jun 23 04:03:42 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration





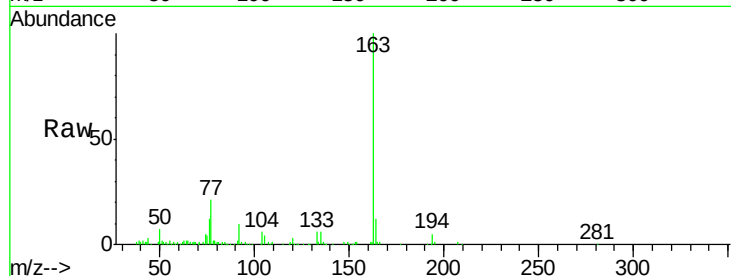
#44
Dimethylphthalate
Concen: 1.577 ng/ul m
RT: 13.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Instrument :
BNA_M
ClientSampleId :
B-37(1-3)-100417

Tot Ion	Ratio	Resp	Lower	Upper
163	100	156255		
194	4.7		3.5	5.3
164	11.6		8.2	12.4

Manual Integrations
APPROVED

Sohil
6/27/2018 2:47:53 PM

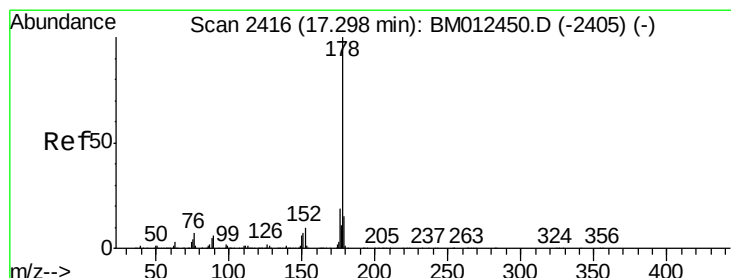
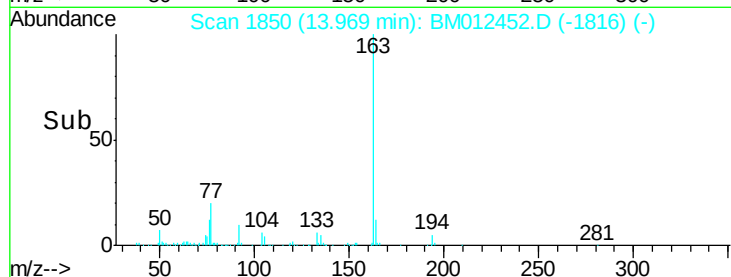
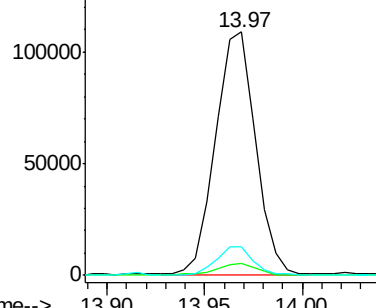


Abundance

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



#69
Phenanthrene
Concen: 6.220 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

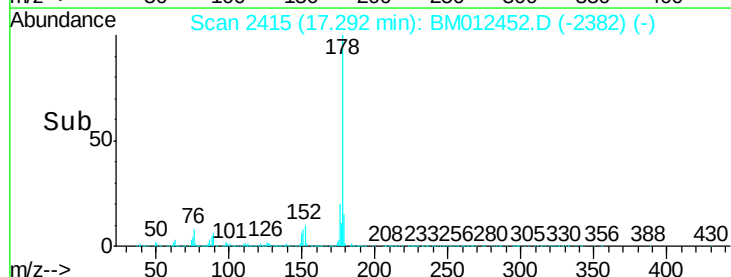
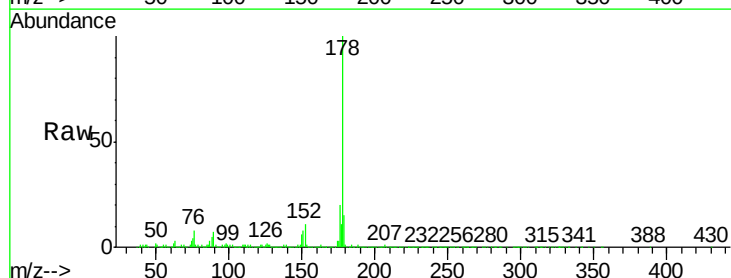
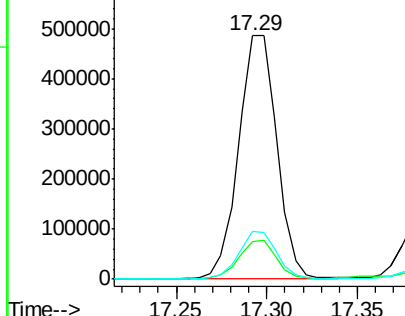
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	709370		
179	15.4		12.6	19.0
176	19.8		14.9	22.3

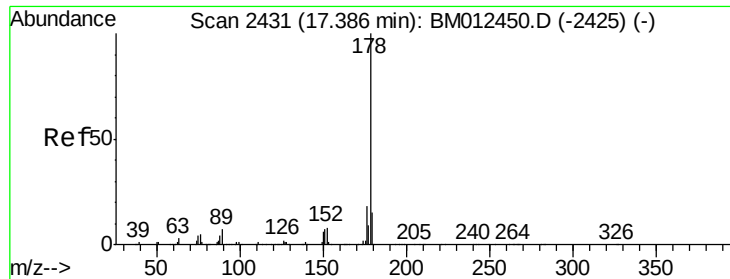
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.462 ng/ul

RT: 17.39 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BM012452.D

Acq: 25 Oct 2017 19:58

Instrument :

BNA_M

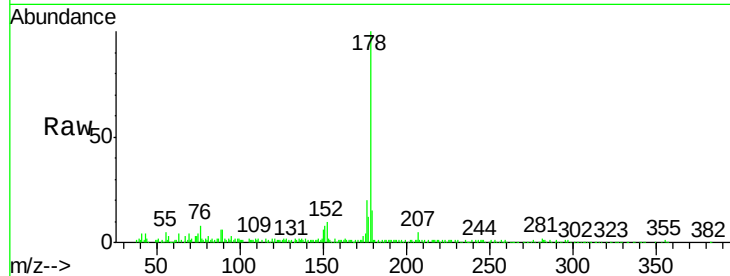
ClientSampleId :

B-37(1-3)-100417

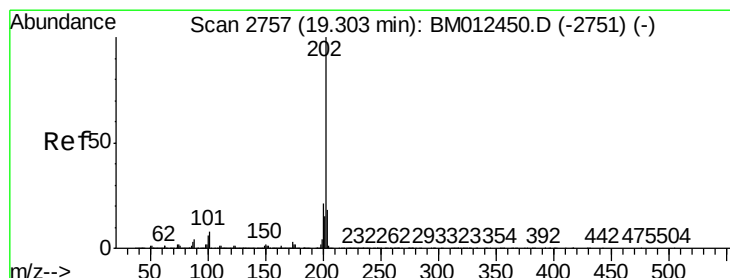
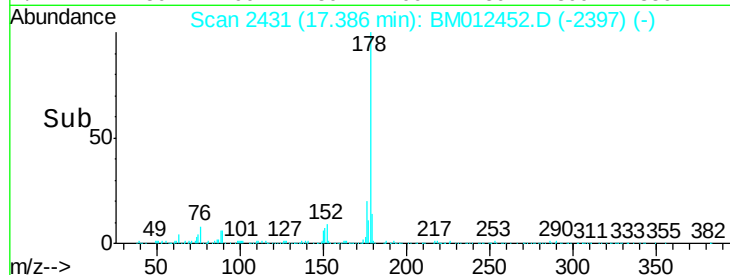
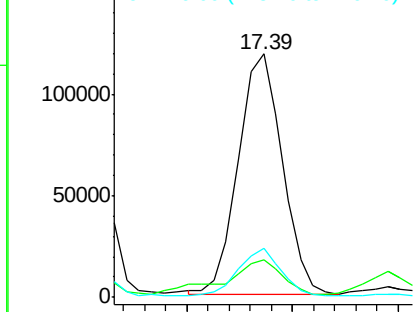
Tot Ion:	178	Resp:	172329
Ion Ratio	Lower	Upper	
178	100		
179	15.3	11.7	17.5
176	20.3	14.6	21.8

Manual Integrations
APPROVED

Sohil
6/27/2018 2:47:53 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 10.470 ng/ul

RT: 19.30 min Scan# 2757

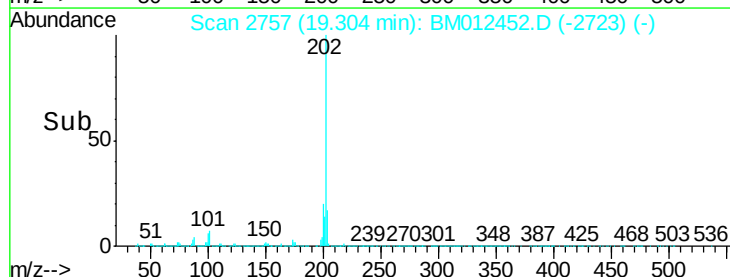
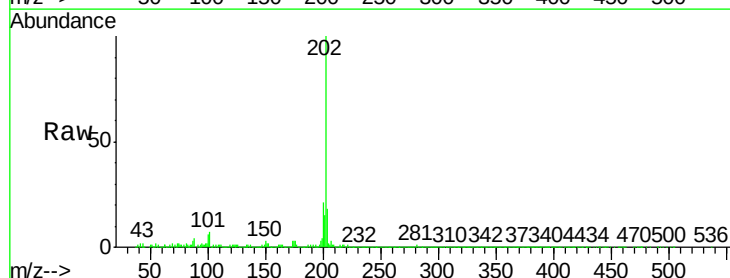
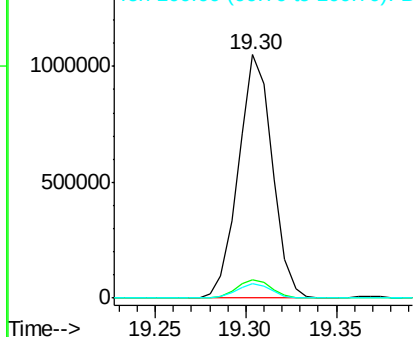
Delta R.T. 0.00 min

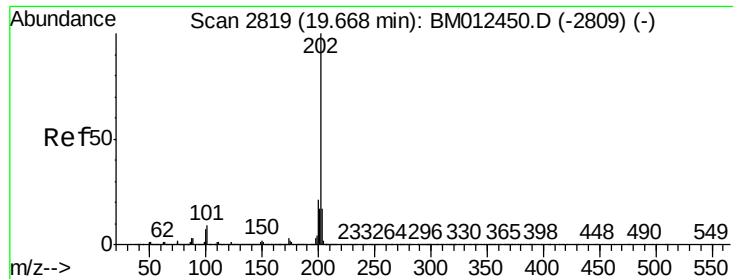
Lab File: BM012452.D

Acq: 25 Oct 2017 19:58

Tgt Ion:	202	Resp:	1353082
Ion Ratio	Lower	Upper	
202	100		
101	7.5	4.6	7.0#
100	6.2	3.4	5.2#

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





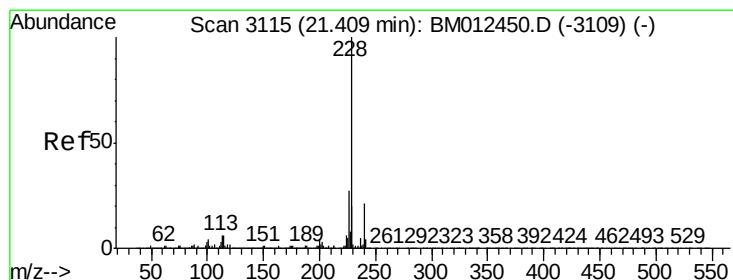
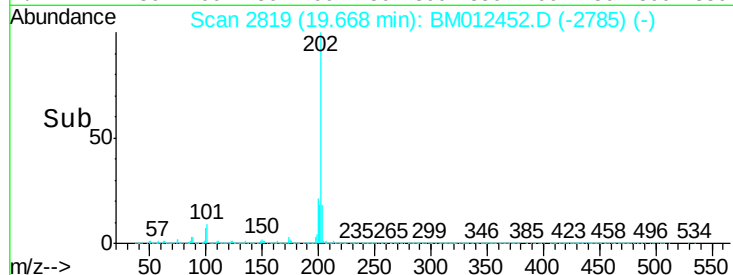
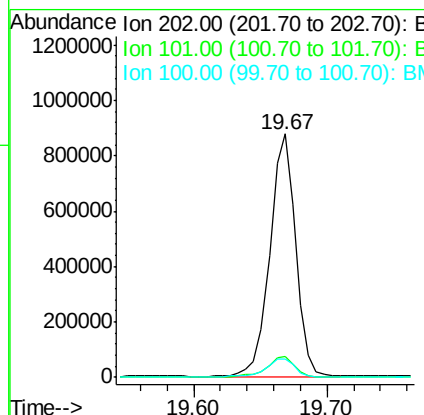
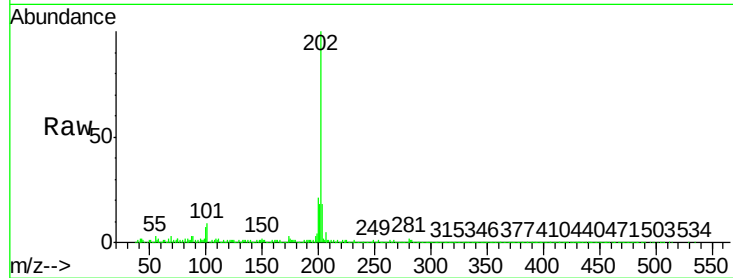
#77
 Pvrene
 Concen: 9.688 ng/ul
 RT: 19.67 min Scan# 2819
 Delta R.T. 0.00 min
 Lab File: BM012452.D
 Acq: 25 Oct 2017 19:58

Instrument :
 BNA_M
 ClientSampleId :
 B-37(1-3)-100417

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.1	7.7#
100	7.3	4.9	7.3

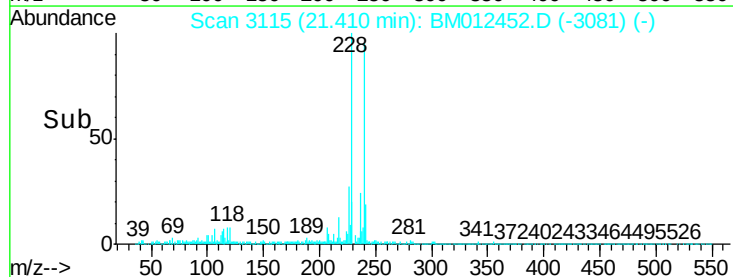
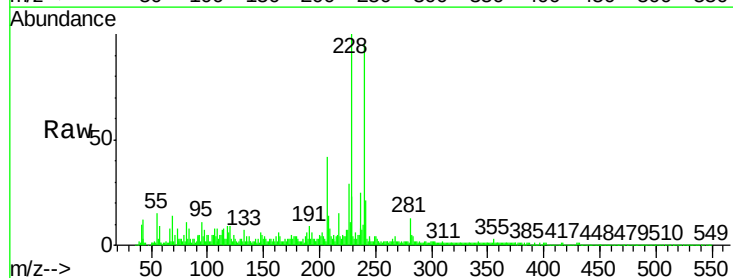
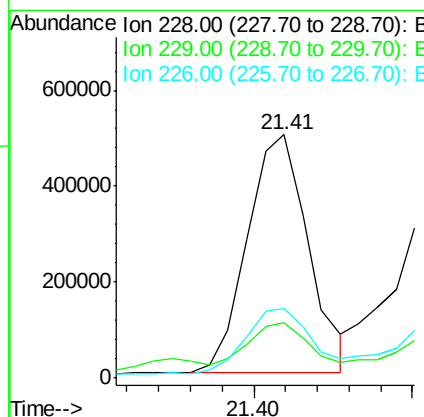
Manual Integrations
 APPROVED

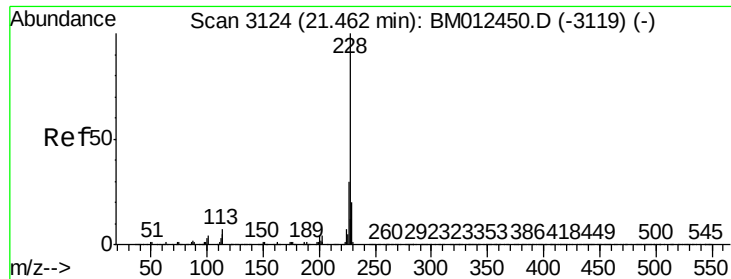
Sohil
 6/27/2018 2:47:53 PM



#80
 Benzo(a)anthracene
 Concen: 5.180 ng/ul
 RT: 21.41 min Scan# 3115
 Delta R.T. 0.00 min
 Lab File: BM012452.D
 Acq: 25 Oct 2017 19:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.4	23.0
226	28.6	21.4	32.0





#82

Chrysene

Concen: 5.878 ng/ul m

RT: 21.46 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM012452.D

Acq: 25 Oct 2017 19:58

Instrument :

BNA_M

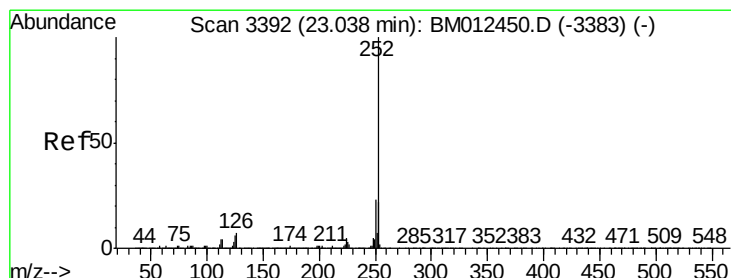
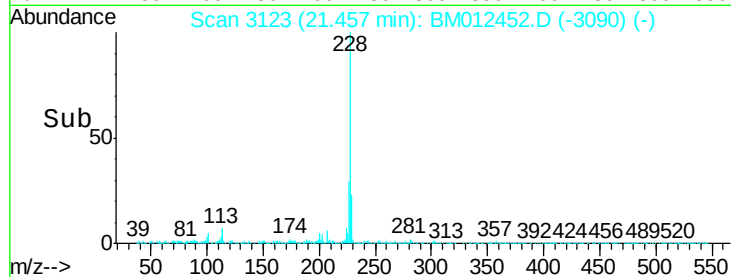
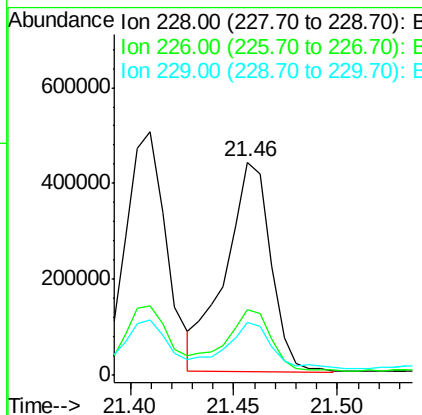
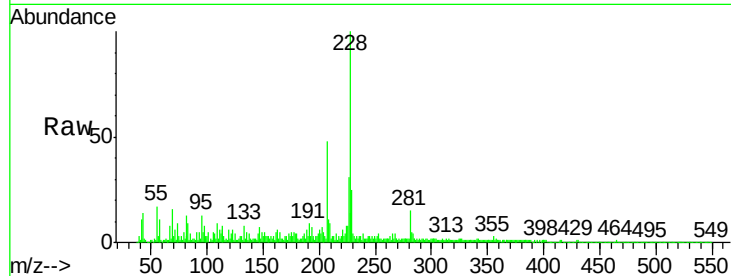
ClientSampleId :

B-37(1-3)-100417

Tot Ion:	228	Resp:	668601
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.2
229	25.1	15.5	23.3#

Manual Integrations
APPROVED

Sohil
6/27/2018 2:47:53 PM



#85

Benzo(b)fluoranthene

Concen: 6.730 ng/ul

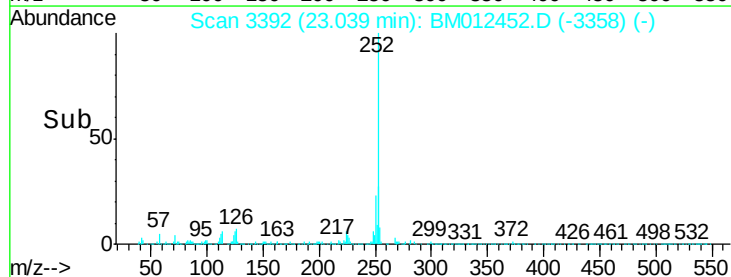
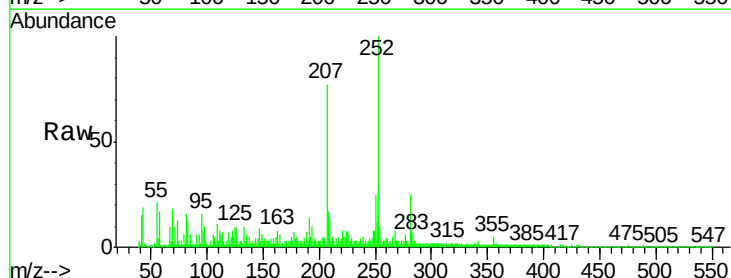
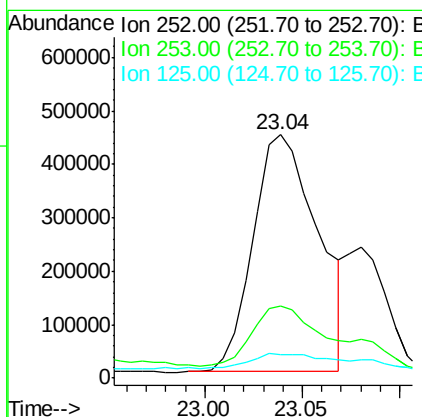
RT: 23.04 min Scan# 3392

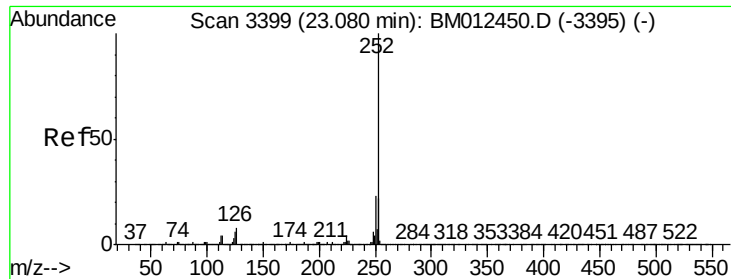
Delta R.T. 0.00 min

Lab File: BM012452.D

Acq: 25 Oct 2017 19:58

Tgt Ion:	252	Resp:	1023507
Ion Ratio	Lower	Upper	
252	100		
253	29.6	17.9	26.9#
125	9.8	3.6	5.4#





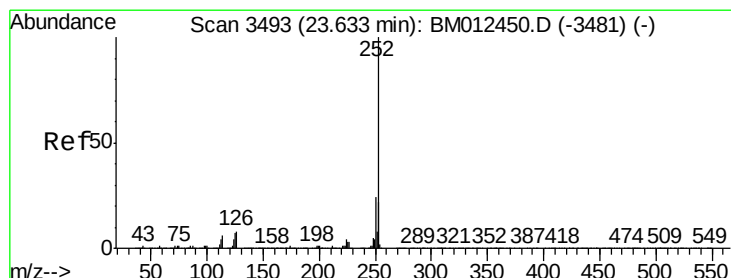
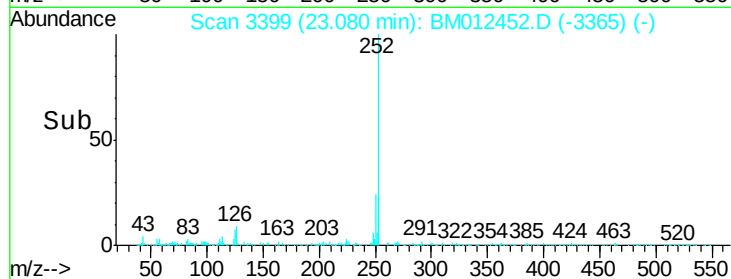
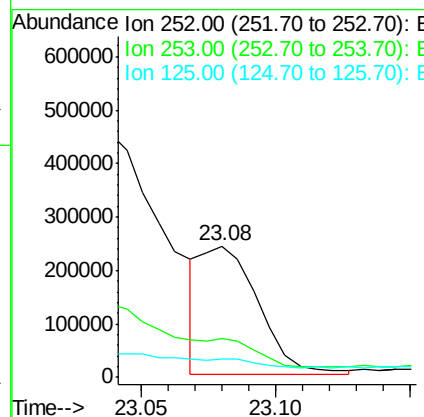
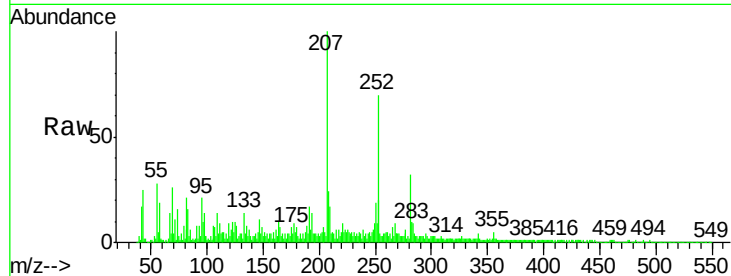
#86
Benzo(k)fluoranthene
Concen: 2.459 ng/ul m
RT: 23.08 min Scan# 3399
Delta R.T. 0.00 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Instrument :
BNA_M
ClientSampleId :
B-37(1-3)-100417

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.1	25.7#
125	14.2	3.4	5.2#

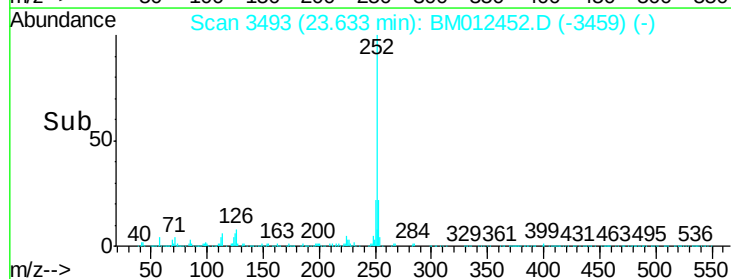
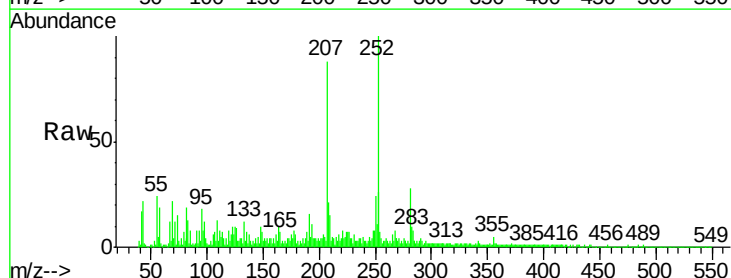
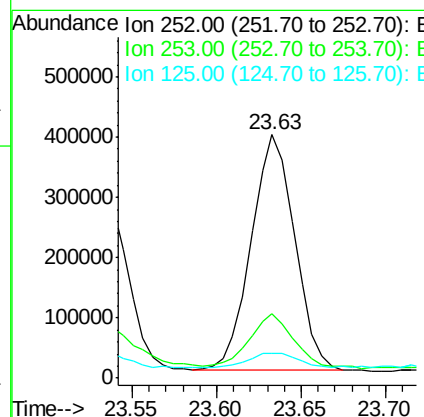
Manual Integrations
APPROVED

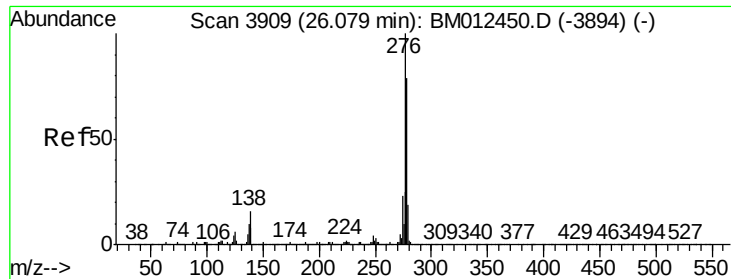
Sohil
6/27/2018 2:47:53 PM



#88
Benzo(a)pyrene
Concen: 4.849 ng/ul
RT: 23.63 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.2	27.2
125	10.0	4.0	6.0#





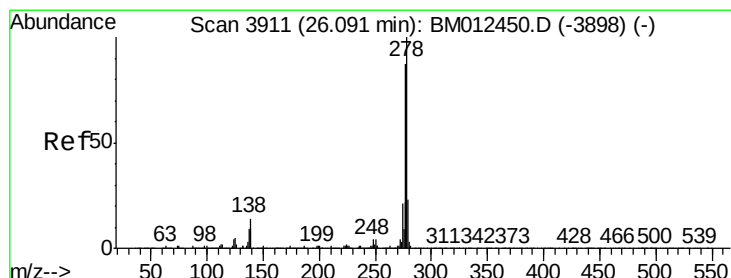
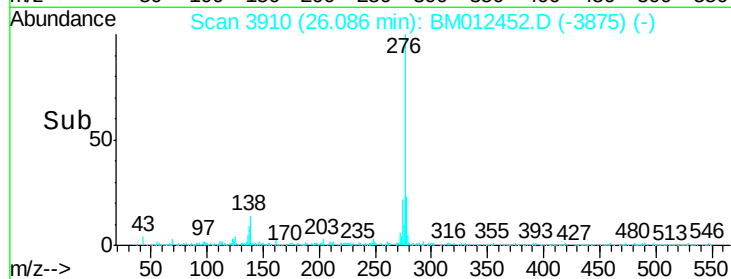
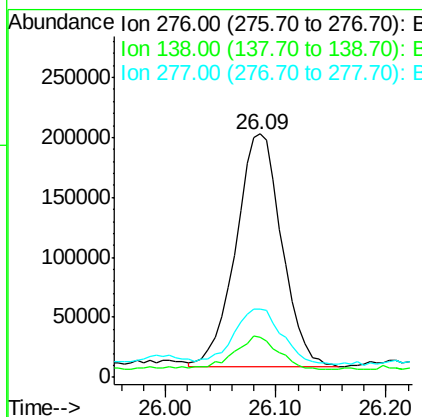
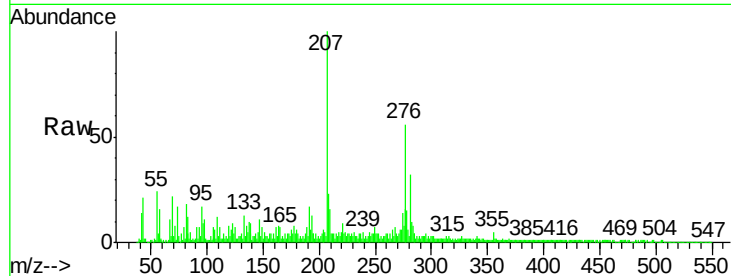
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 3.304 ng/ul
 RT: 26.09 min Scan# 3910
 Delta R.T. 0.01 min
 Lab File: BM012452.D
 Acq: 25 Oct 2017 19:58

Instrument :
 BNA_M
 ClientSampleId :
 B-37(1-3)-100417

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.3	9.3	13.9#
277	28.3	19.9	29.9

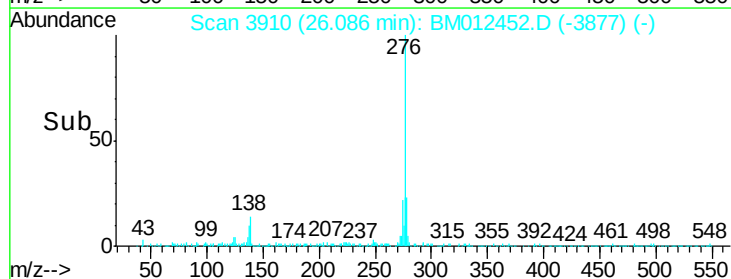
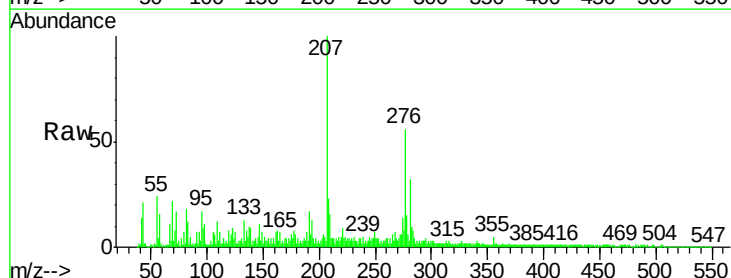
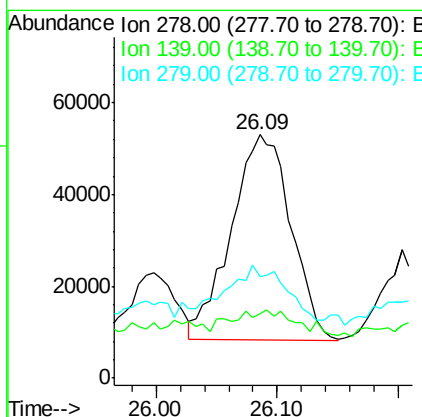
Manual Integrations
 APPROVED

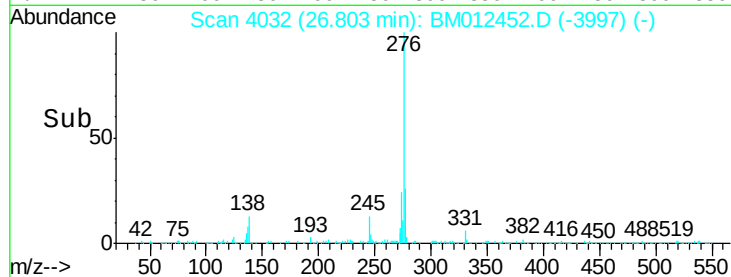
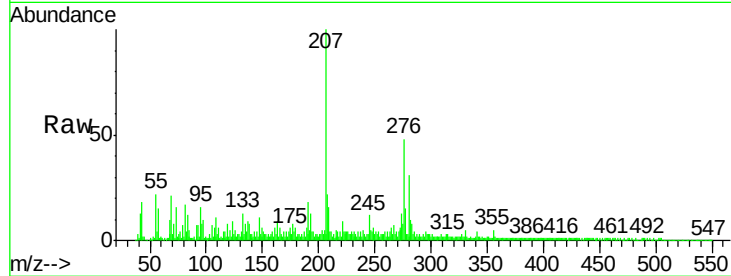
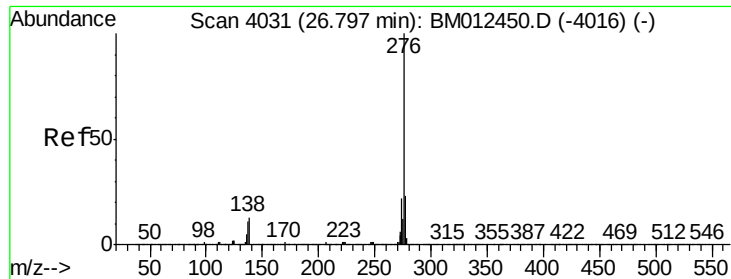
Sohil
 6/27/2018 2:47:53 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 1.058 ng/ul
 RT: 26.09 min Scan# 3910
 Delta R.T. -0.01 min
 Lab File: BM012452.D
 Acq: 25 Oct 2017 19:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.7	5.8	8.8#
279	41.9	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 3.845 ng/ul

RT: 26.80 min Scan# 4032

Delta R.T. 0.01 min

Lab File: BM012452.D

Acq: 25 Oct 2017 19:58

Instrument :

BNA_M

ClientSampleId :

B-37(1-3)-100417

Tot Ion:	276	Resp:	531855
Ion Ratio	Lower	Upper	
276	100		
138	16.2	8.5	12.7#
277	30.8	18.6	28.0#

Manual Integrations
APPROVED

Sohil
6/27/2018 2:47:53 PM

