

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110217\
 Data File : BM012696.D
 Acq On : 03 Nov 2017 10:58
 Operator : SJ/JU
 Sample : I6110-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3M7

Manual Integrations
 APPROVED

Sohil
 11/3/2017 4:54:37 PM

Quant Time: Nov 03 14:50:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 03 14:42:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	135655	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	547553	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	345891	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	822233	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	1013318	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1116594	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	9781	3.68	ng/uL	0.00
5) Phenol-d5	6.99	99	198908	17.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	110318	16.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	172421	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	172627	17.82	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	88543	25.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	97030	27.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	182070	19.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	221543	22.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	587539	19.44	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	714599	19.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	84013	18.70	ng/ul	0.00
57) Fluorene-d10	15.45	176	527423	20.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	72839	18.30	ng/ul	0.00
70) Anthracene-d10	17.30	188	851135m	21.72	ng/ul	0.00
76) Pyrene-d10	19.59	212	989616	21.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1138466	21.46	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.92	163	47331	1.584	ng/ul	100
69) Phenanthrene	17.24	178	380278	8.552	ng/ul	98
71) Anthracene	17.33	178	73249	1.594	ng/ul	96
74) Fluoranthene	19.26	202	665861	13.216	ng/ul#	93
77) Pyrene	19.62	202	601983	10.447	ng/ul#	94
80) Benzo(a)anthracene	21.36	228	361893	5.964	ng/ul	98
82) Chrysene	21.42	228	337418	6.254	ng/ul	99
85) Benzo(b)fluoranthene	22.98	252	508104	7.361	ng/ul#	98
86) Benzo(k)fluoranthene	23.02	252	154879m	2.384	ng/ul	
88) Benzo(a)pyrene	23.57	252	329577	5.008	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.97	276	250832	3.238	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.98	278	67261	1.024	ng/ul#	92
91) Benzo(g,h,i)perylene	26.69	276	218166	3.476	ng/ul#	94

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

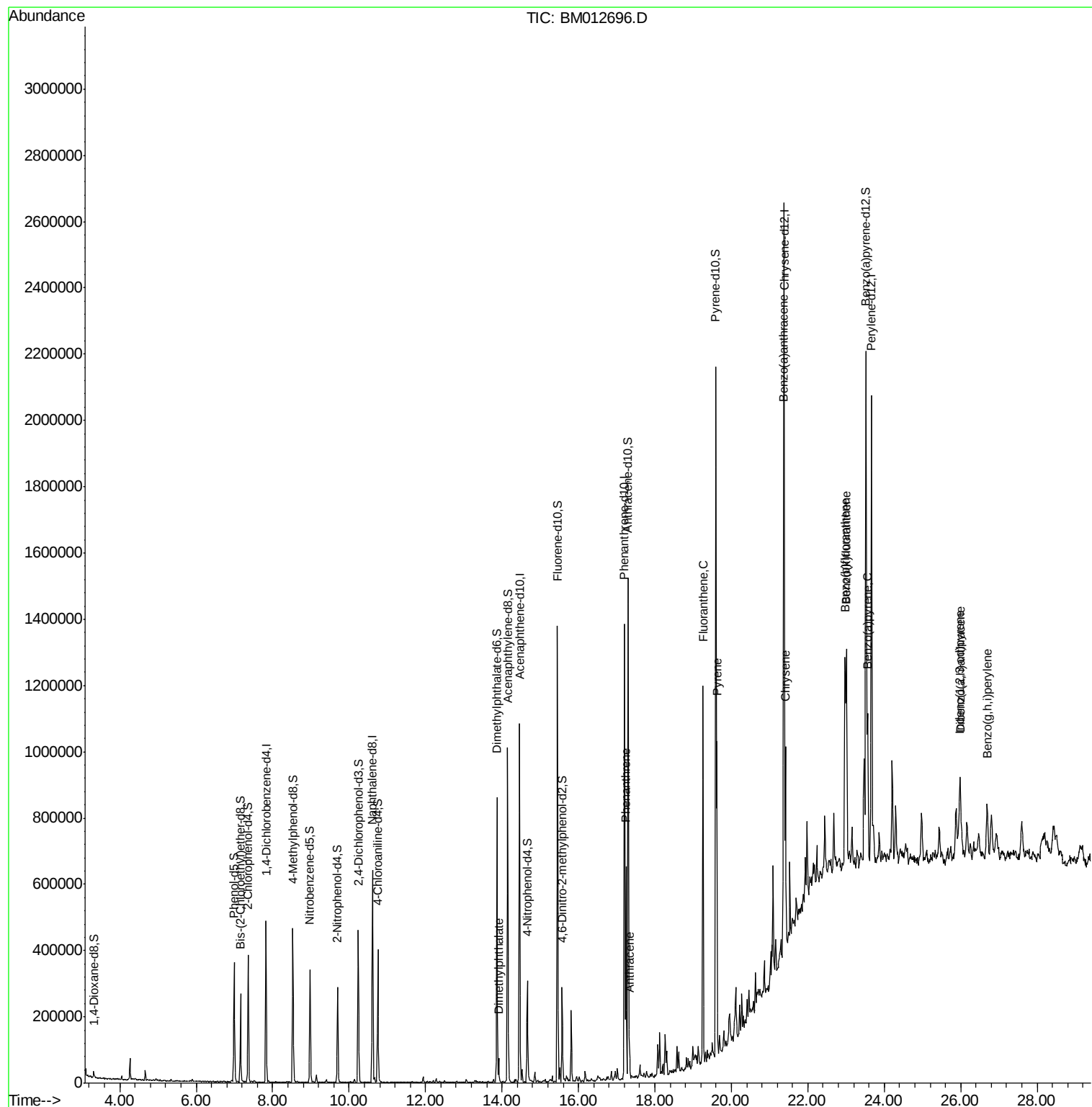
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110217\
Data File : BM012696.D
Acq On : 03 Nov 2017 10:58
Operator : SJ/JU
Sample : I6110-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

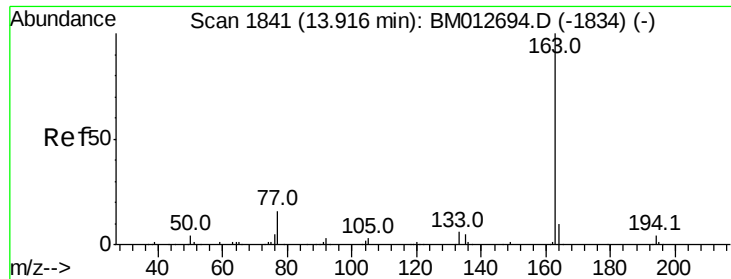
Instrument :
BNA_M
ClientSampleId :
CB3M7

Quant Time: Nov 03 14:50:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 03 14:42:43 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/3/2017 4:54:37 PM





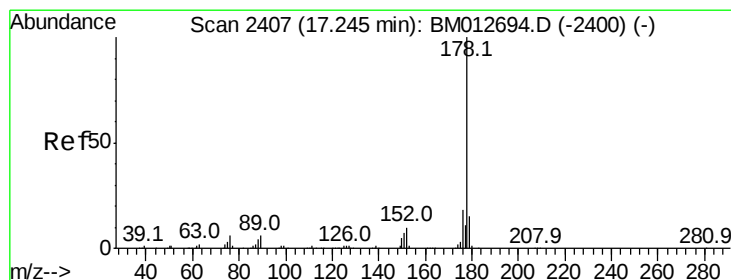
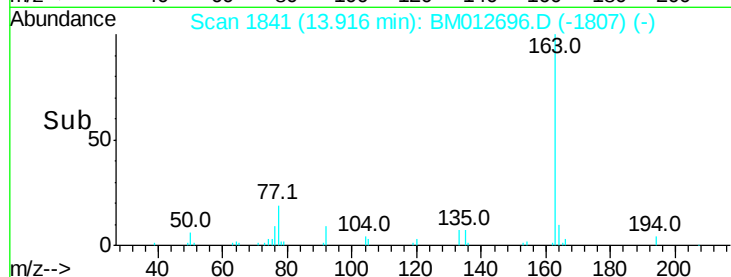
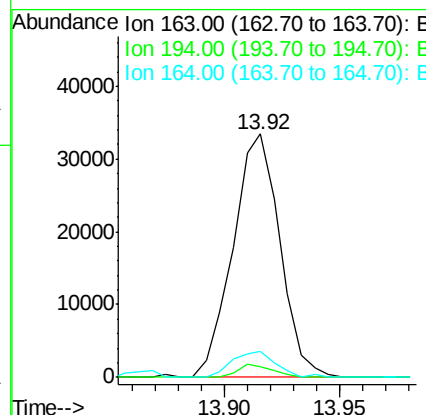
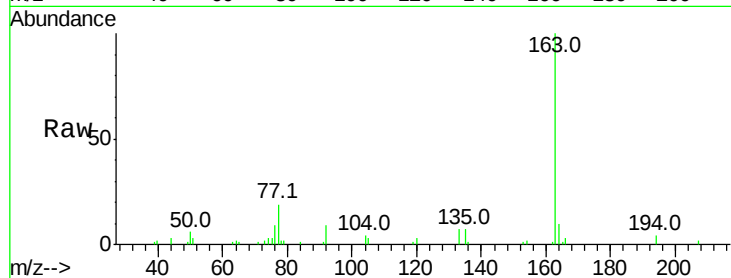
#44
Dimethylphthalate
Concen: 1.584 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM012696.D
Acq: 03 Nov 2017 10:58

Instrument :
BNA_M
ClientSampleId :
CB3M7

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.4	8.2	12.4

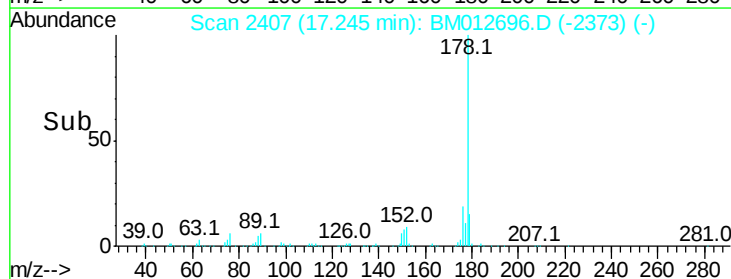
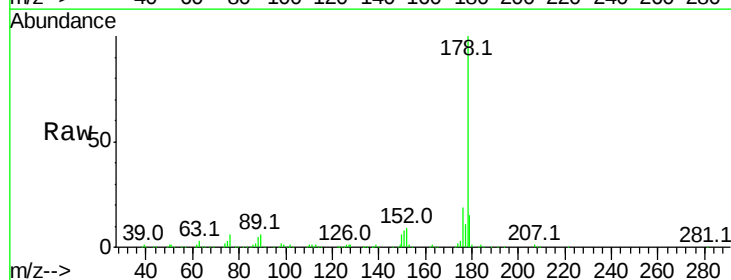
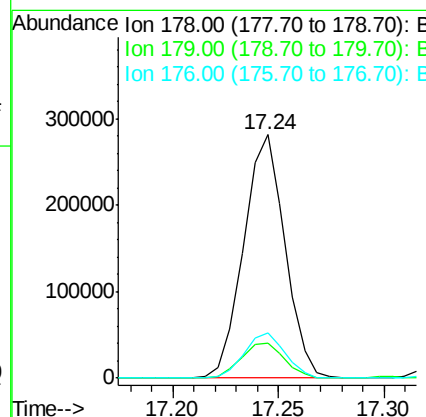
Manual Integrations
APPROVED

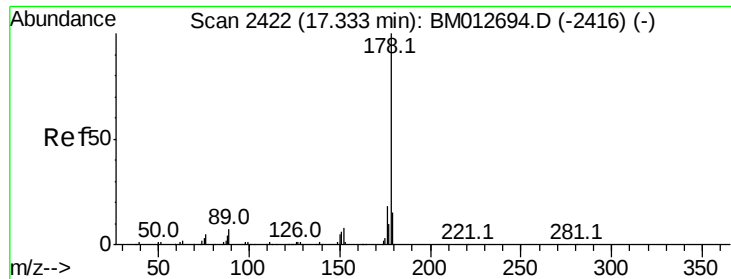
Sohil
11/3/2017 4:54:37 PM



#69
Phenanthrene
Concen: 8.552 ng/ul
RT: 17.24 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BM012696.D
Acq: 03 Nov 2017 10:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.6	19.0
176	18.8	14.9	22.3





#71

Anthracene

Concen: 1.594 ng/ul

RT: 17.33 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM012696.D

Acq: 03 Nov 2017 10:58

Instrument :

BNA_M

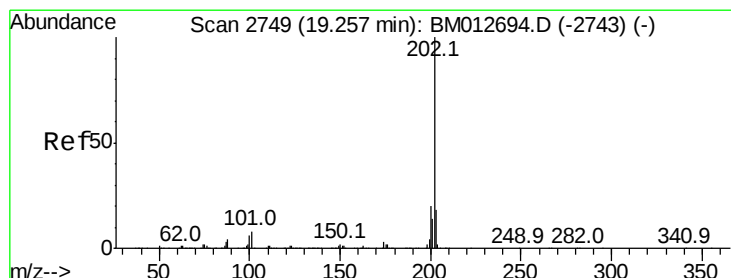
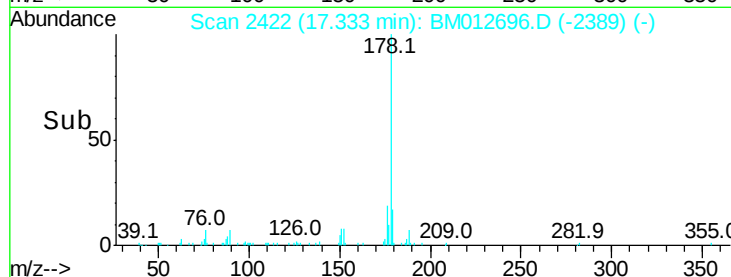
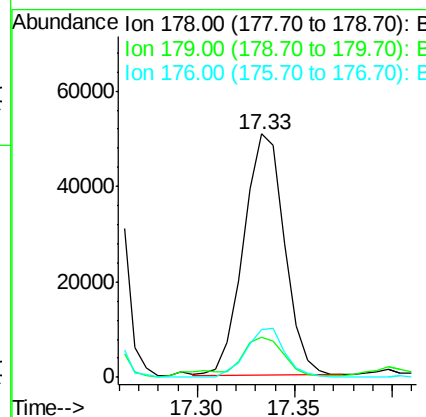
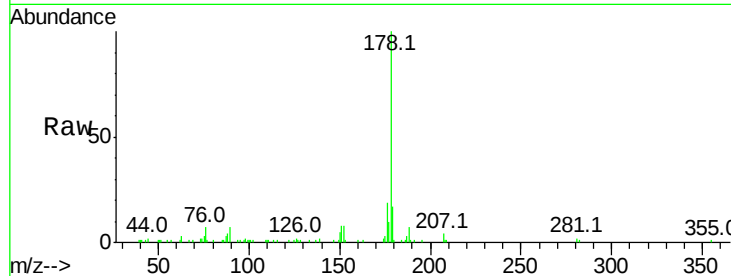
ClientSampleId :

CB3M7

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.7	11.7	17.5
176	19.4	14.6	21.8

Manual Integrations
APPROVED

Sohil
11/3/2017 4:54:37 PM



#74

Fluoranthene

Concen: 13.216 ng/ul

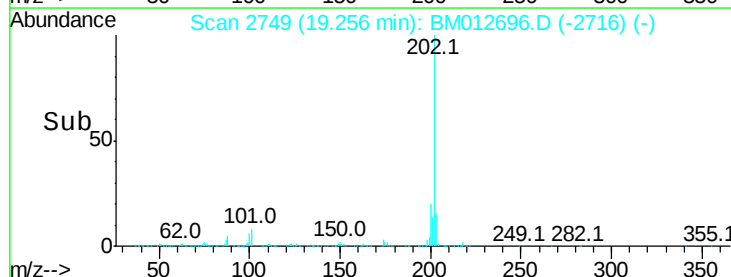
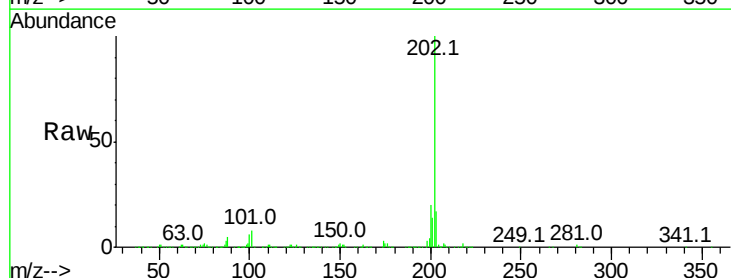
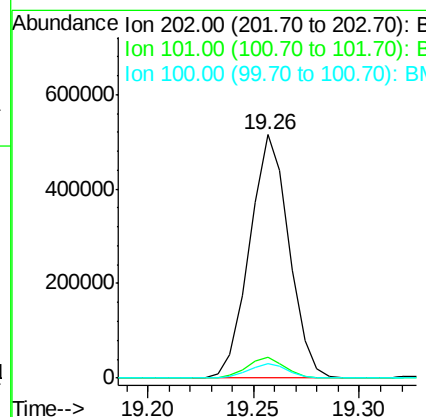
RT: 19.26 min Scan# 2749

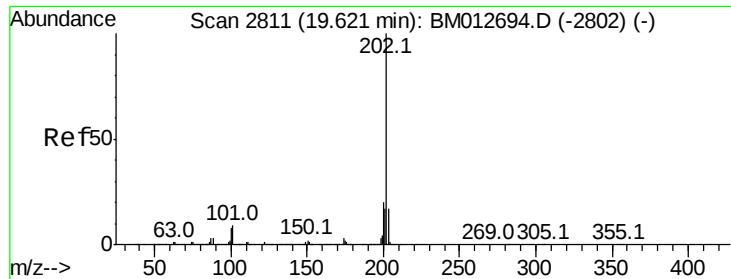
Delta R.T. -0.01 min

Lab File: BM012696.D

Acq: 03 Nov 2017 10:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	4.6	7.0#
100	6.2	3.4	5.2#





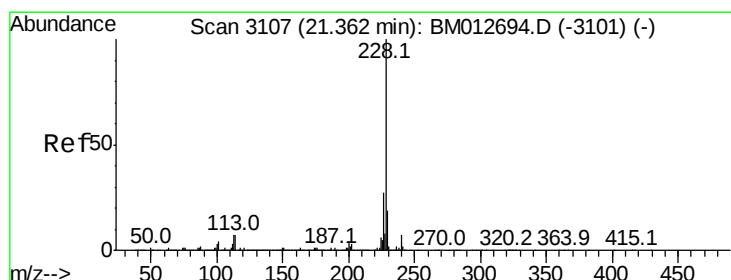
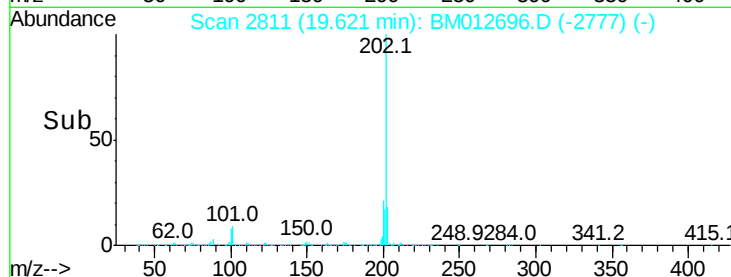
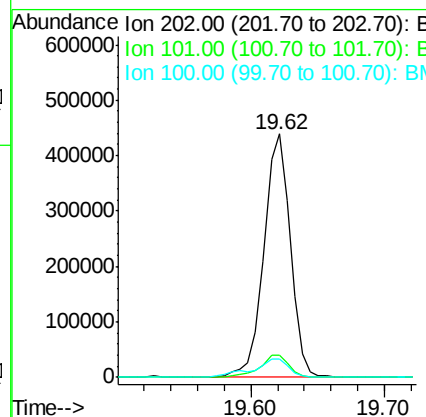
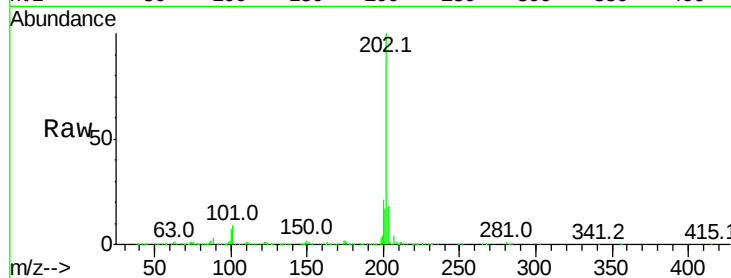
#77
Pvrene
Concen: 10.447 ng/ul
RT: 19.62 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BM012696.D
Acq: 03 Nov 2017 10:58

Instrument :
BNA_M
ClientSampled :
CB3M7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.1	5.1	7.7#
100	7.5	4.9	7.3#

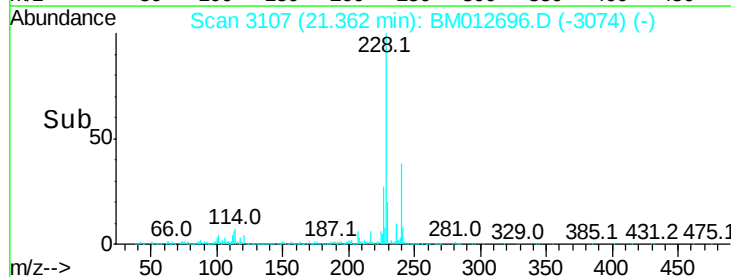
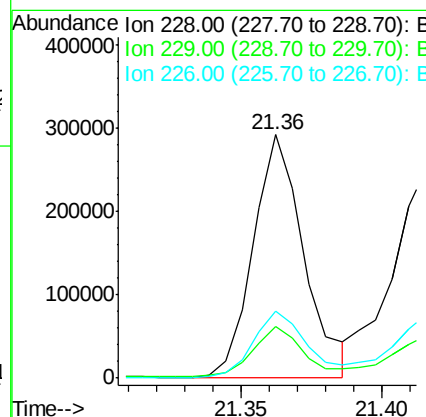
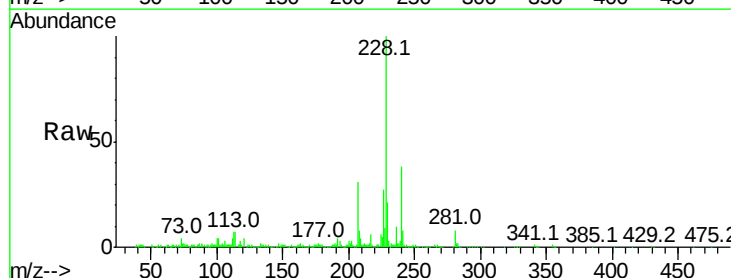
Manual Integrations
APPROVED

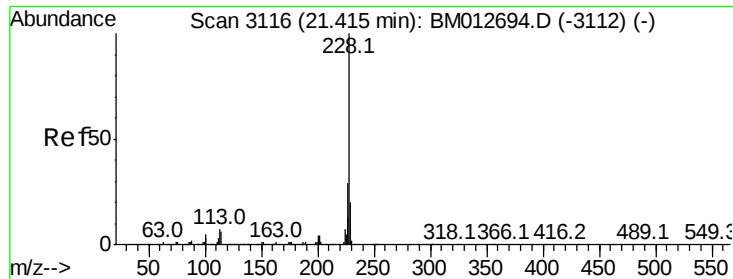
Sohil
11/3/2017 4:54:37 PM



#80
Benzo(a)anthracene
Concen: 5.964 ng/ul
RT: 21.36 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM012696.D
Acq: 03 Nov 2017 10:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.0	15.4	23.0
226	27.3	21.4	32.0





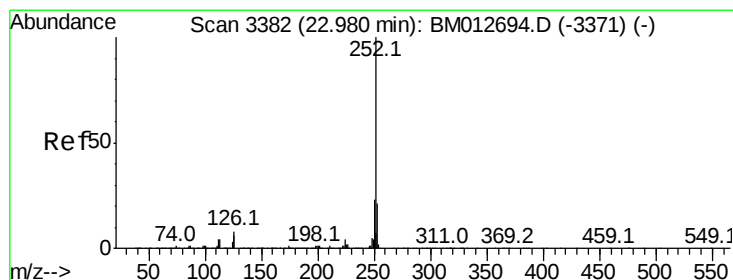
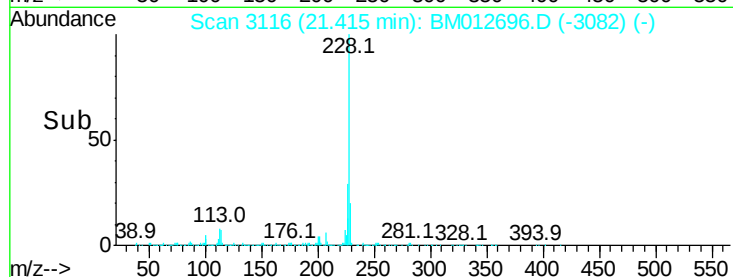
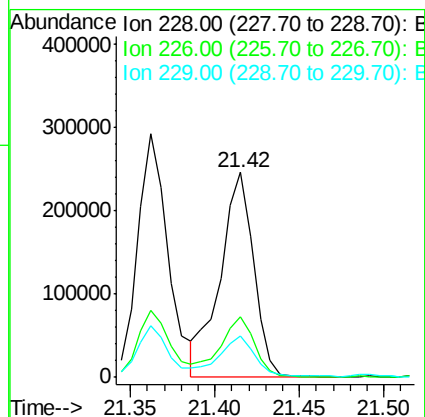
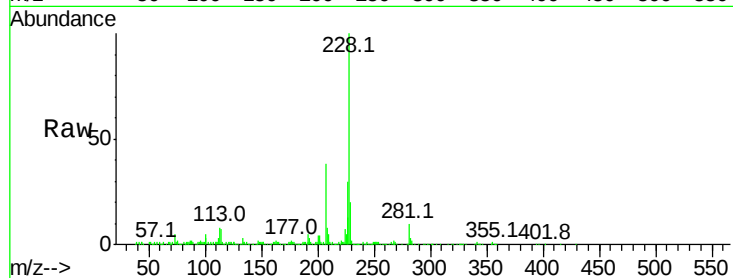
#82
Chrysene
Concen: 6.254 ng/ul
RT: 21.42 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BM012696.D
Acq: 03 Nov 2017 10:58

Instrument :
BNA_M
ClientSampleId :
CB3M7

Tot Ion:	228	Resp:	337418
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.2
229	20.1	15.5	23.3

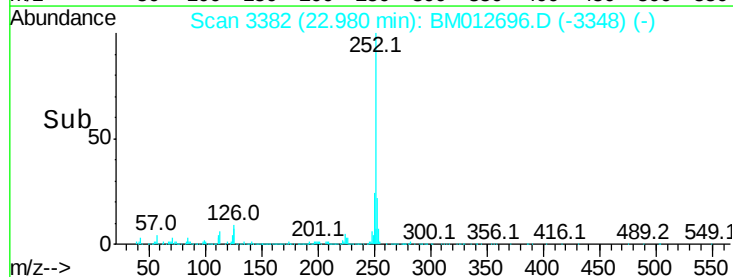
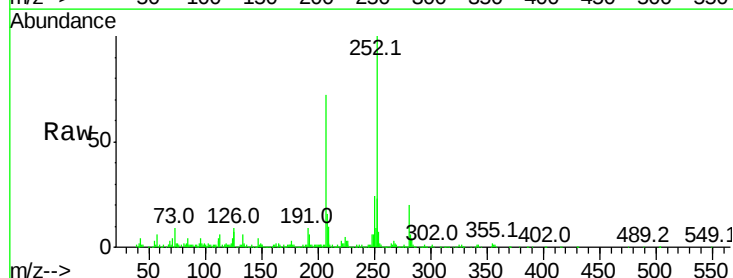
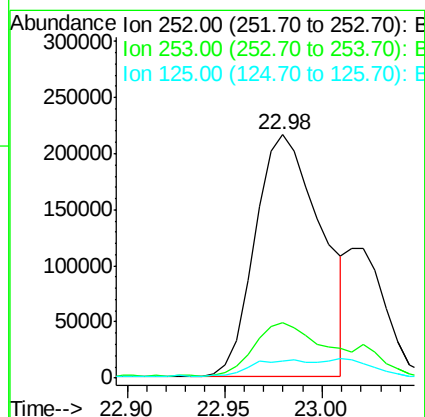
Manual Integrations
APPROVED

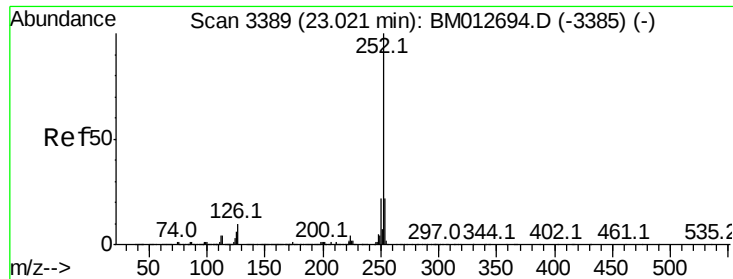
Sohil
11/3/2017 4:54:37 PM



#85
Benzo(b)fluoranthene
Concen: 7.361 ng/ul
RT: 22.98 min Scan# 3382
Delta R.T. -0.00 min
Lab File: BM012696.D
Acq: 03 Nov 2017 10:58

Tgt Ion:	252	Resp:	508104
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.9	26.9
125	7.2	3.6	5.4#





#86

Benzo(k)fluoranthene

Concen: 2.384 ng/u1 m

RT: 23.02 min Scan# 3388

Delta R.T. -0.01 min

Lab File: BM012696.D

Acq: 03 Nov 2017 10:58

Instrument :

BNA_M

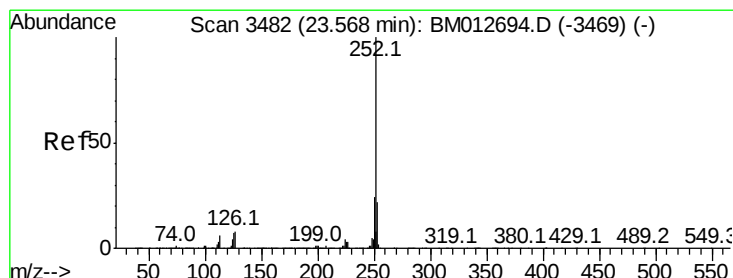
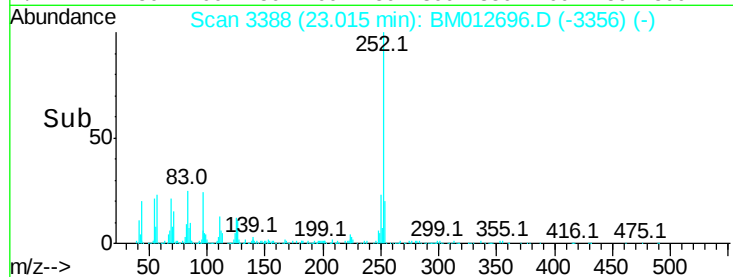
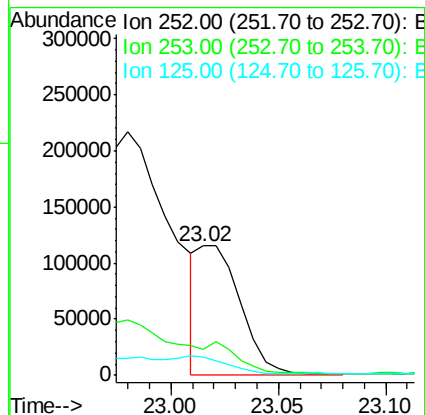
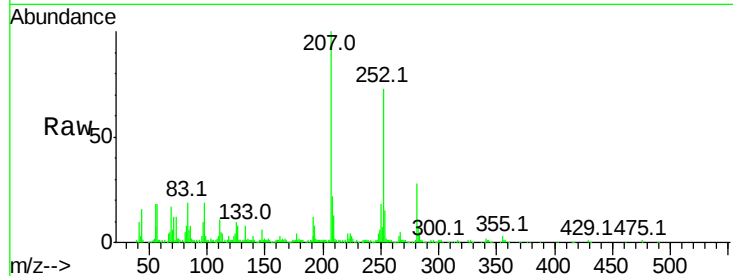
ClientSampled :

CB3M7

Tot Ion:	252	Resp:	154879
Ion Ratio	Lower	Upper	
252	100		
253	20.4	17.1	25.7
125	13.7	3.4	5.2#

Manual Integrations
APPROVED

Sohil
11/3/2017 4:54:37 PM



#88

Benzo(a)pyrene

Concen: 5.008 ng/u1

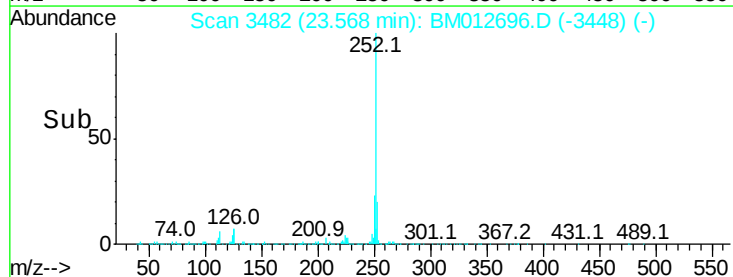
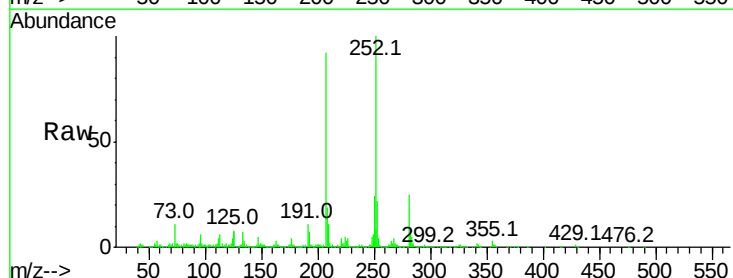
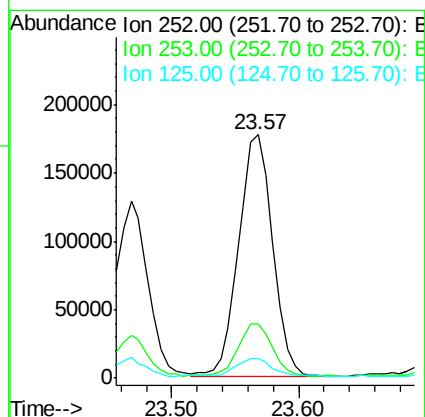
RT: 23.57 min Scan# 3482

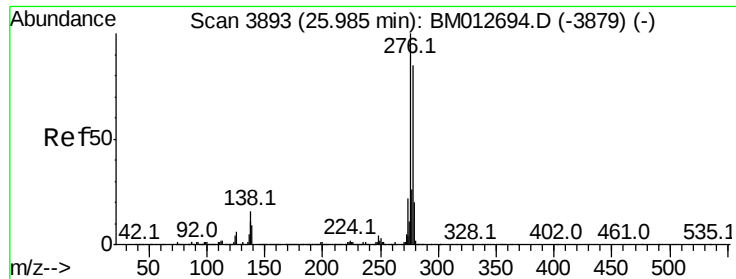
Delta R.T. -0.00 min

Lab File: BM012696.D

Acq: 03 Nov 2017 10:58

Tgt Ion:	252	Resp:	329577
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.2
125	7.9	4.0	6.0#





#89

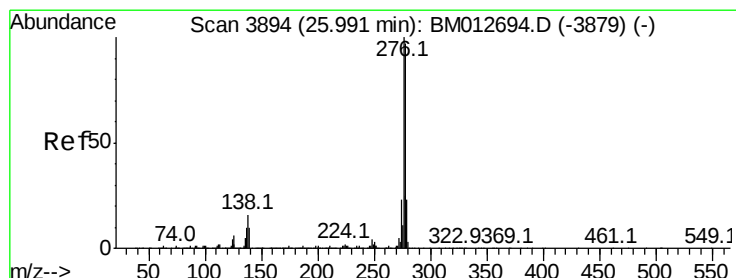
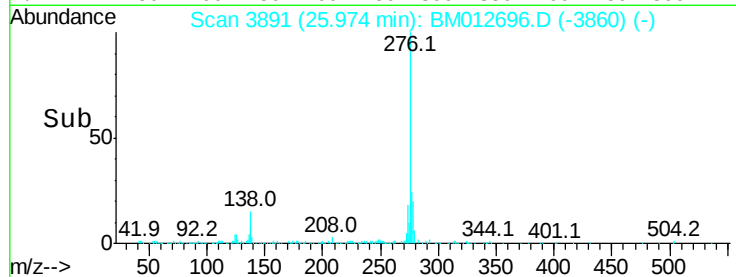
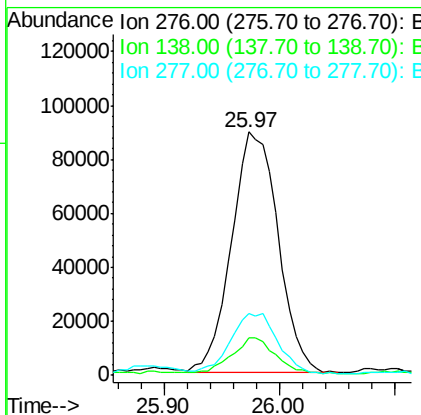
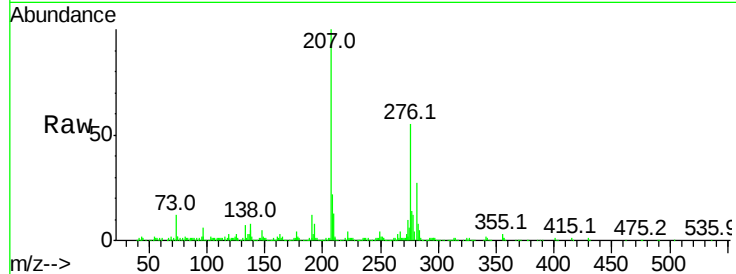
Indeno(1,2,3-cd)pyrene
Concen: 3.238 ng/ul
RT: 25.97 min Scan# 3891
Delta R.T. -0.02 min
Lab File: BM012696.D
Acq: 03 Nov 2017 10:58

Instrument :
BNA_M
ClientSampleId :
CB3M7

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	9.3	13.9#
277	25.3	19.9	29.9

Manual Integrations
APPROVED

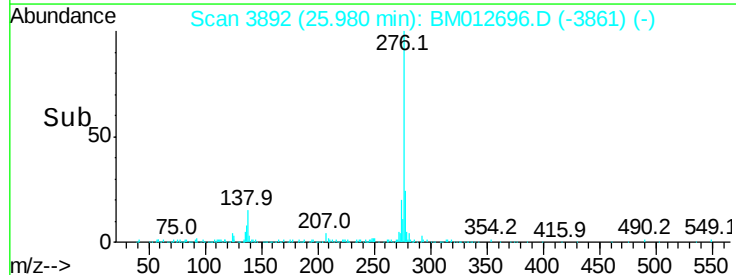
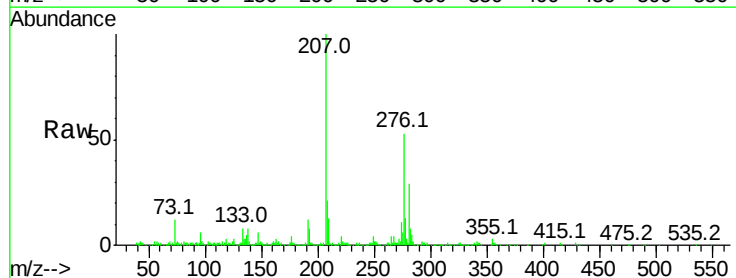
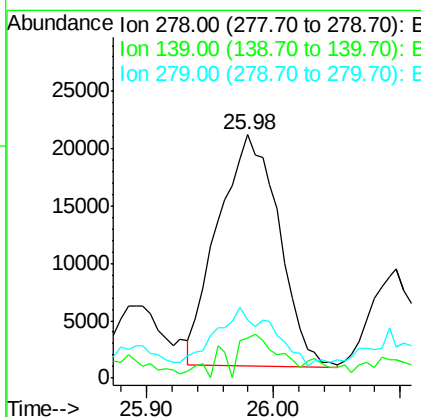
Sohil
11/3/2017 4:54:37 PM

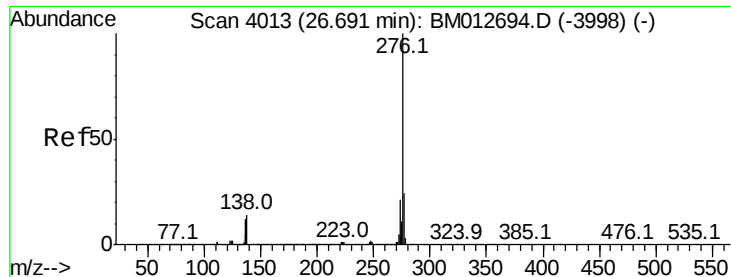


#90

Dibenzo(a,h)anthracene
Concen: 1.024 ng/ul
RT: 25.98 min Scan# 3892
Delta R.T. -0.02 min
Lab File: BM012696.D
Acq: 03 Nov 2017 10:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	5.8	8.8#
279	24.1	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 3.476 ng/ul

RT: 26.69 min Scan# 4012

Delta R.T. -0.01 min

Lab File: BM012696.D

Acq: 03 Nov 2017 10:58

Instrument :

BNA_M

ClientSampleId :

CB3M7

Tot Ion:	276	Resp:	218166
Ion Ratio	Lower	Upper	
276	100		
138	13.6	8.5	12.7#
277	26.1	18.6	28.0

Manual Integrations
APPROVED

Sohil
11/3/2017 4:54:37 PM

