

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110217\
 Data File : BM012693.D
 Acq On : 03 Nov 2017 09:02
 Operator : SJ/JU
 Sample : I6004-03DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0DW7DL

Manual Integrations
 APPROVED

Sohil
 11/3/2017 4:54:34 PM

Quant Time: Nov 03 14:22:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 03 14:18:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	133635	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	548028	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	340446	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	824389	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	991843	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1074848	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	2884	1.10	ng/uL	0.00
5) Phenol-d5	6.99	99	58852	5.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	33015	4.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	50560	6.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	48439	5.08	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	24126	7.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	27000	7.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	52169	5.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	48840	4.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	171910	5.78	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	208936	5.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	18876	4.27	ng/ul	0.00
57) Fluorene-d10	15.45	176	153739	6.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	15251	3.82	ng/ul	0.00
70) Anthracene-d10	17.30	188	247236	6.29	ng/ul	0.00
76) Pyrene-d10	19.59	212	283964	6.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	331204	6.49	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.02	94	16008	1.377	ng/ul#	79
44) Dimethylphthalate	13.92	163	67449	2.293	ng/ul#	99
47) Acenaphthylene	14.18	152	74030	2.205	ng/ul#	96
69) Phenanthrene	17.24	178	398589	8.941	ng/ul	99
71) Anthracene	17.33	178	87078	1.890	ng/ul	97
74) Fluoranthene	19.26	202	811896	16.072	ng/ul#	94
77) Pyrene	19.62	202	932271	16.529	ng/ul#	94
80) Benzo(a)anthracene	21.36	228	480699	8.093	ng/ul	96
82) Chrysene	21.42	228	463473	8.777	ng/ul	96
85) Benzo(b)fluoranthene	22.98	252	563659	8.483	ng/ul#	98
86) Benzo(k)fluoranthene	23.01	252	165692m	2.650	ng/ul	
88) Benzo(a)pyrene	23.57	252	444817	7.022	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.98	276	310842	4.169	ng/ul	97
90) Dibenzo(a,h)anthracene	25.98	278	79723	1.261	ng/ul#	84
91) Benzo(g,h,i)perylene	26.69	276	299465	4.956	ng/ul#	96

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

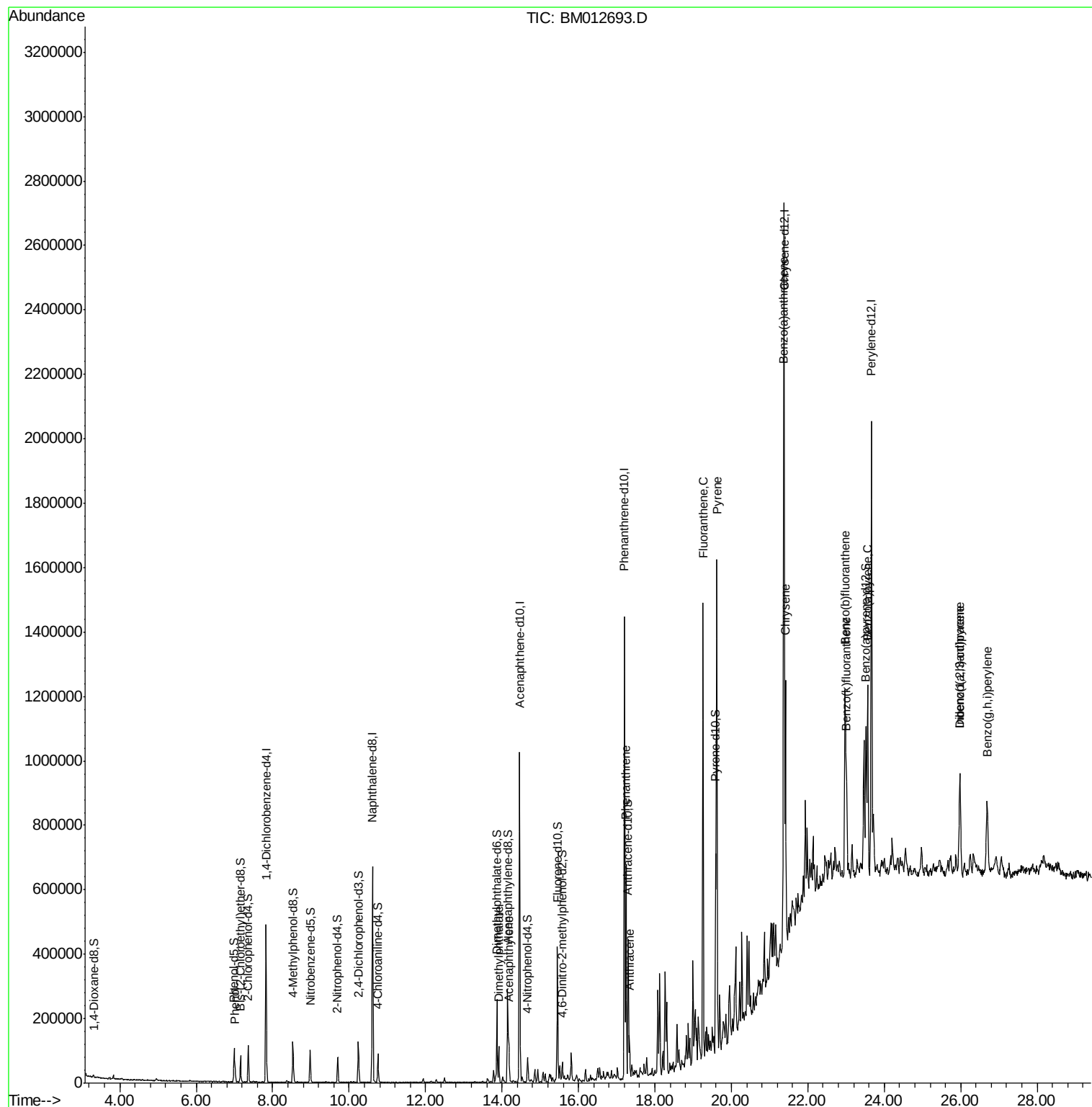
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110217\
Data File : BM012693.D
Acq On : 03 Nov 2017 09:02
Operator : SJ/JU
Sample : I6004-03DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

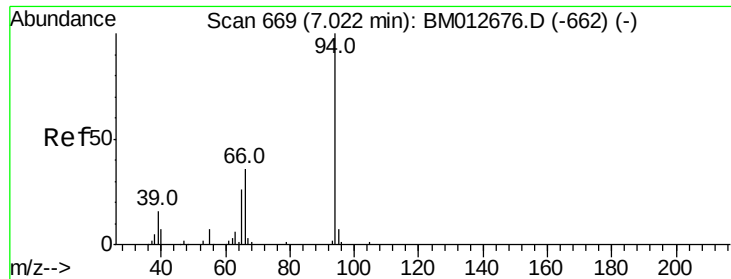
Instrument :
BNA_M
ClientSampleId :
B0DW7DL

Manual Integrations
APPROVED

Sohil
11/3/2017 4:54:34 PM

Quant Time: Nov 03 14:22:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 03 14:18:08 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.377 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM012693.D

Acq: 03 Nov 2017 09:02

Instrument :

BNA_M

ClientSampleId :

B0DW7DL

Tot Ion: 94 Resp: 16008

Ion Ratio Lower Upper

94 100

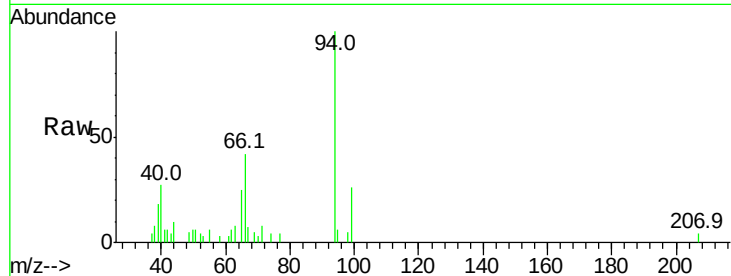
65 24.8 28.2 42.4#

66 42.4 47.2 70.8#

Manual Integrations
APPROVED

Sohil

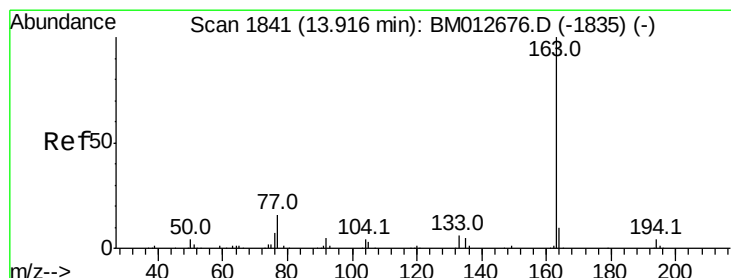
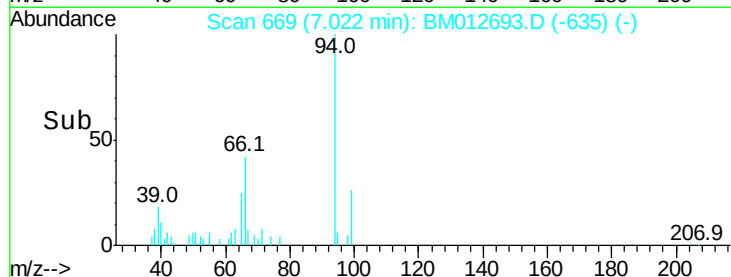
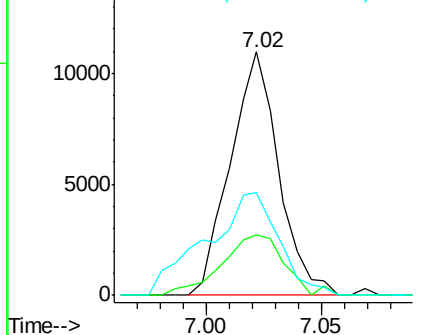
11/3/2017 4:54:34 PM



Abundance Ion 94.00 (93.70 to 94.70): BM012676.D (-662) (-)

Ion 65.00 (64.70 to 65.70): BM012676.D (-662) (-)

Ion 66.00 (65.70 to 66.70): BM012676.D (-662) (-)



#44

Dimethylphthalate

Concen: 2.293 ng/ul

RT: 13.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM012693.D

Acq: 03 Nov 2017 09:02

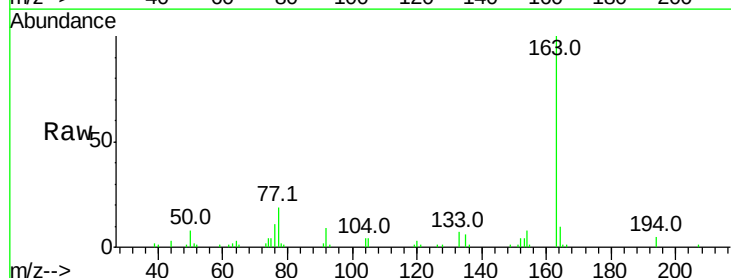
Tgt Ion:163 Resp: 67449

Ion Ratio Lower Upper

163 100

194 5.3 3.5 5.3#

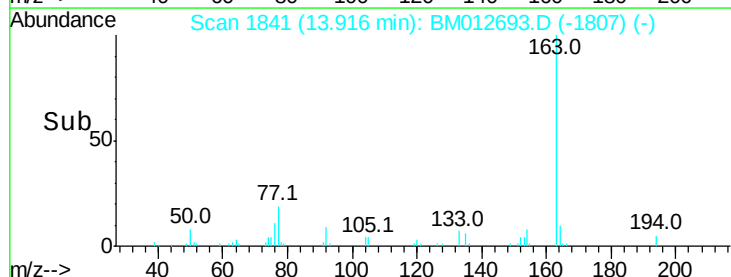
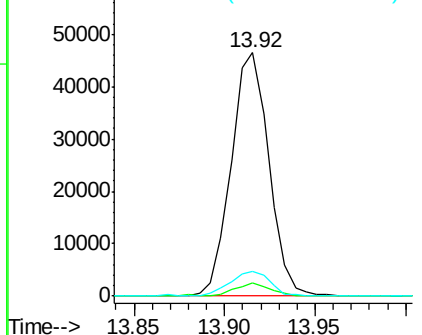
164 9.9 8.2 12.4

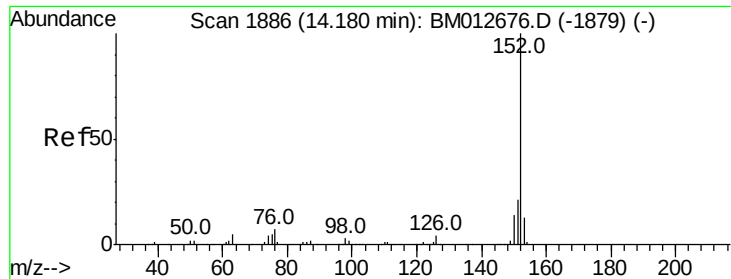


Abundance Ion 163.00 (162.70 to 163.70): BM012676.D (-1835) (-)

Ion 194.00 (193.70 to 194.70): BM012676.D (-1835) (-)

Ion 164.00 (163.70 to 164.70): BM012676.D (-1835) (-)





#47

Acenaphthylene

Concen: 2.205 ng/ul

RT: 14.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BM012693.D

Acq: 03 Nov 2017 09:02

Instrument :

BNA_M

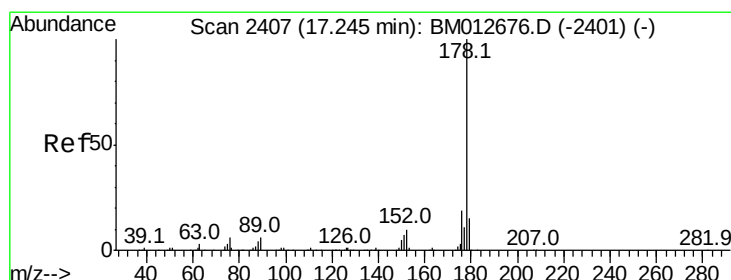
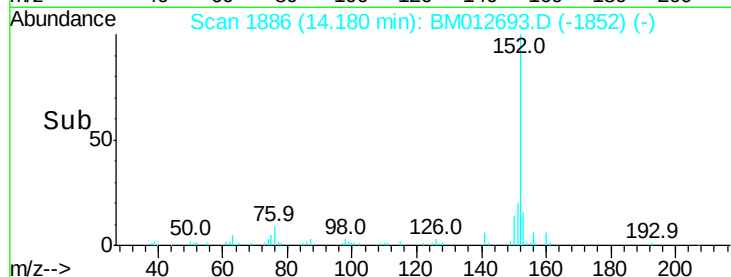
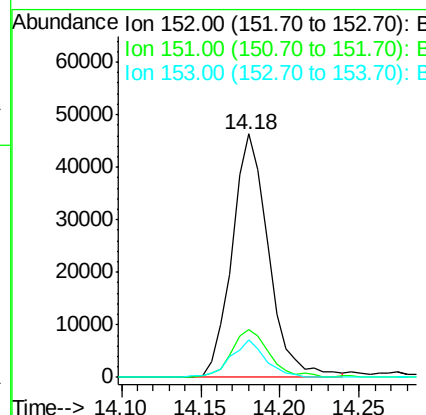
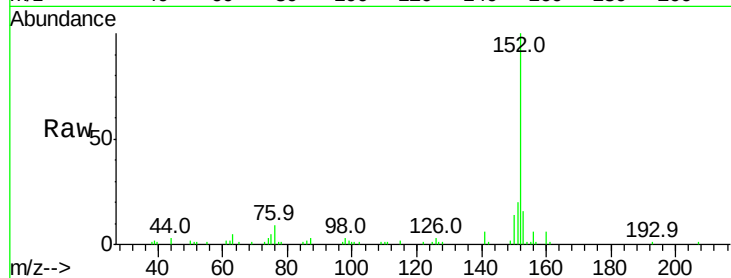
ClientSampleId :

B0DW7DL

Tot Ion:	152	Resp:	74030
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.3	24.5
153	15.5	10.2	15.4#

Manual Integrations
APPROVED

Sohil
11/3/2017 4:54:34 PM



#69

Phenanthrene

Concen: 8.941 ng/ul

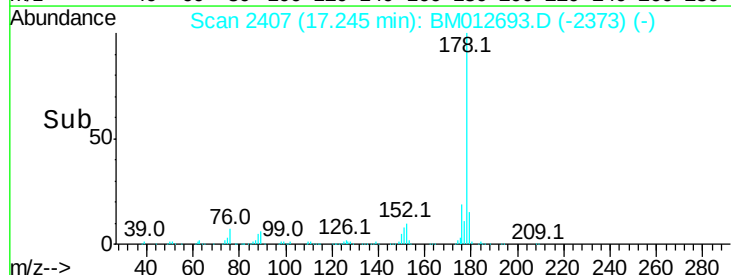
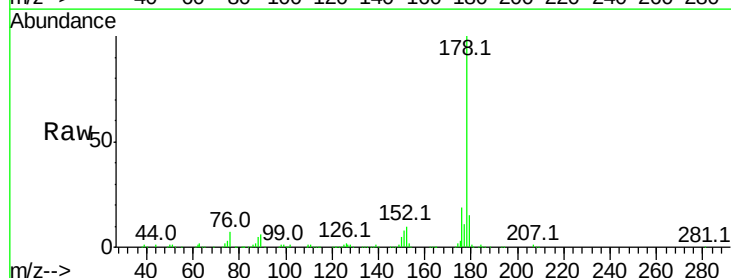
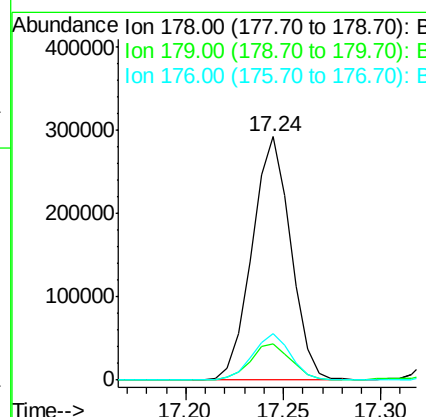
RT: 17.24 min Scan# 2407

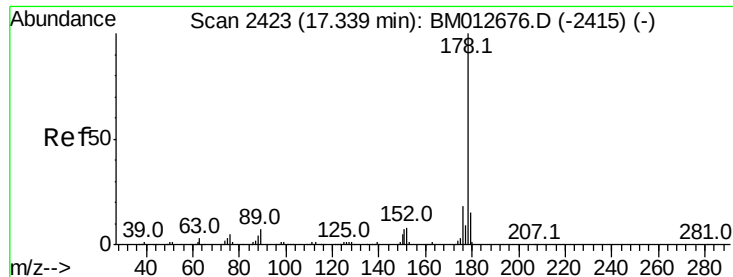
Delta R.T. -0.00 min

Lab File: BM012693.D

Acq: 03 Nov 2017 09:02

Tgt Ion:	178	Resp:	398589
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.6	19.0
176	18.9	14.9	22.3





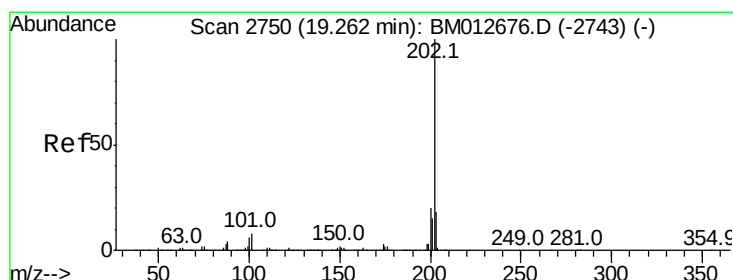
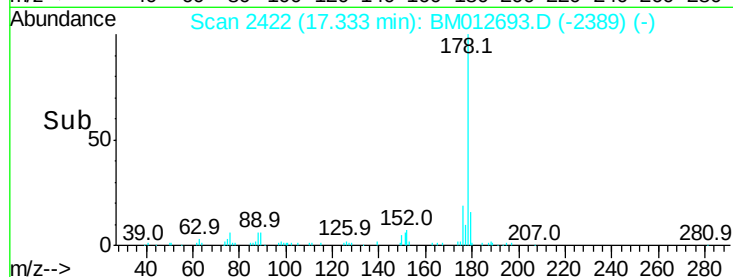
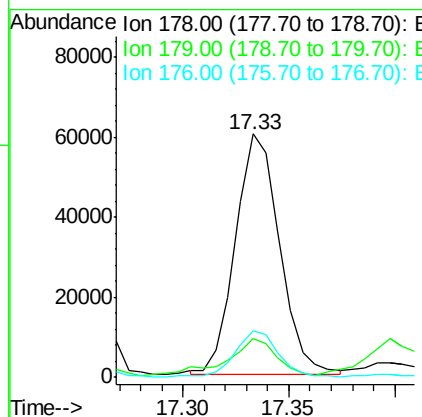
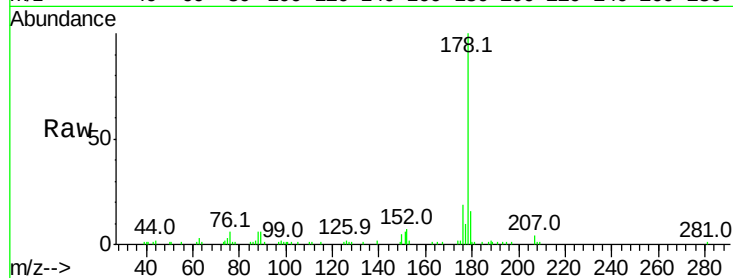
#71
 Anthracene
 Concen: 1.890 ng/ul
 RT: 17.33 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BM012693.D
 Acq: 03 Nov 2017 09:02

Instrument :
 BNA_M
 ClientSampleId :
 B0DW7DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.7	17.5
176	19.2	14.6	21.8

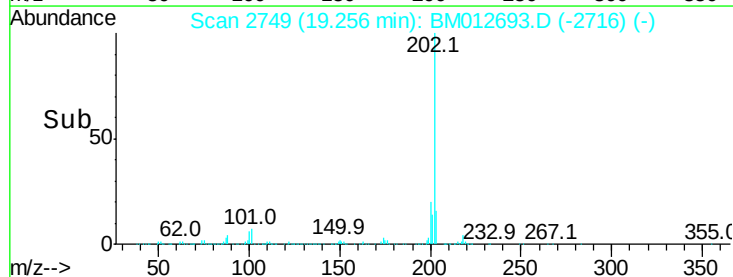
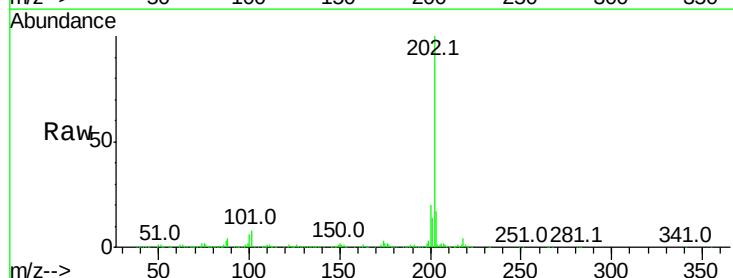
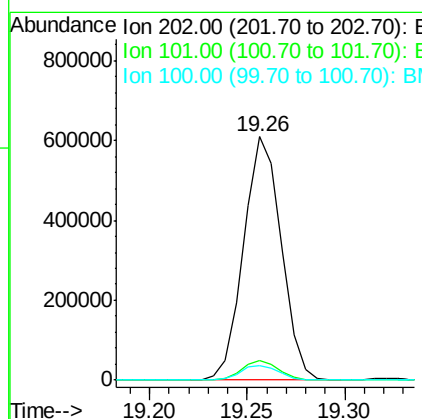
Manual Integrations
 APPROVED

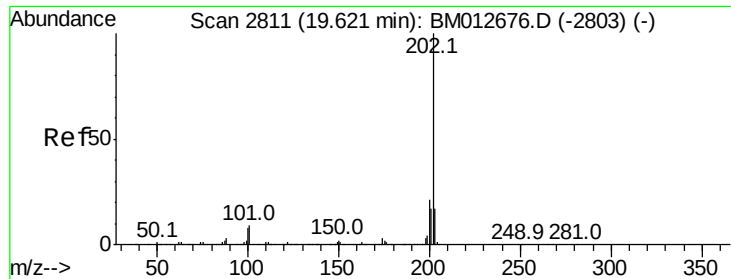
Sohil
 11/3/2017 4:54:34 PM



#74
 Fluoranthene
 Concen: 16.072 ng/ul
 RT: 19.26 min Scan# 2749
 Delta R.T. -0.01 min
 Lab File: BM012693.D
 Acq: 03 Nov 2017 09:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	4.6	7.0#
100	6.2	3.4	5.2#





#77

Pvrene

Concen: 16.529 ng/ul

RT: 19.62 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BM012693.D

Acq: 03 Nov 2017 09:02

Instrument :

BNA_M

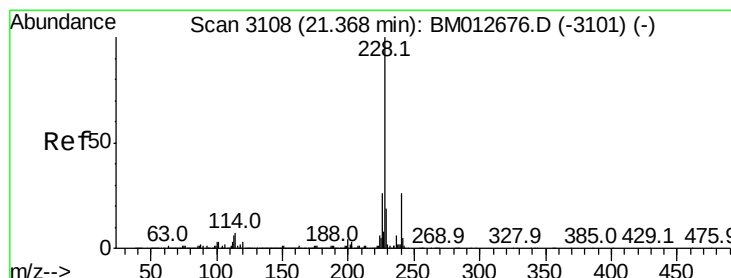
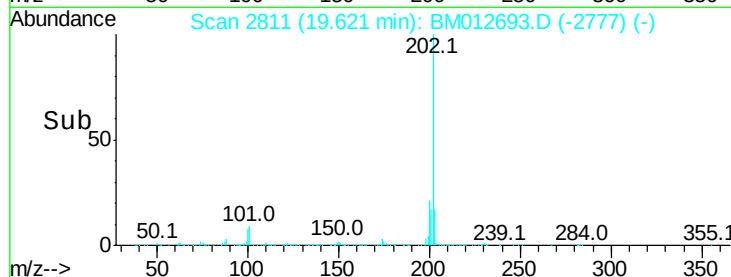
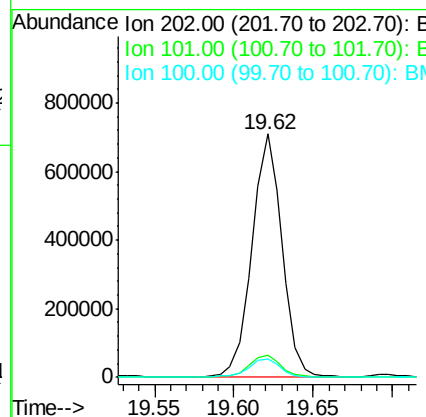
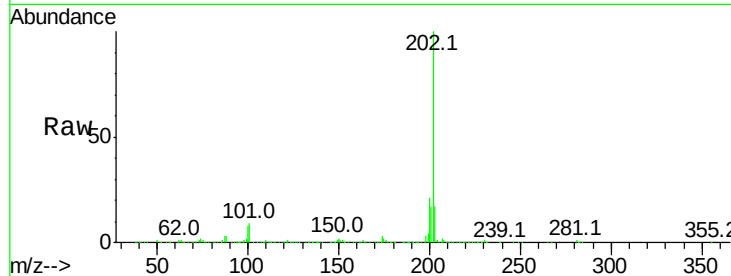
ClientSampleId :

B0DW7DL

Tot Ion:	202	Resp:	932271
Ion Ratio	Lower	Upper	
202	100		
101	8.9	5.1	7.7#
100	7.6	4.9	7.3#

Manual Integrations
APPROVED

Sohil
11/3/2017 4:54:34 PM



#80

Benzo(a)anthracene

Concen: 8.093 ng/ul

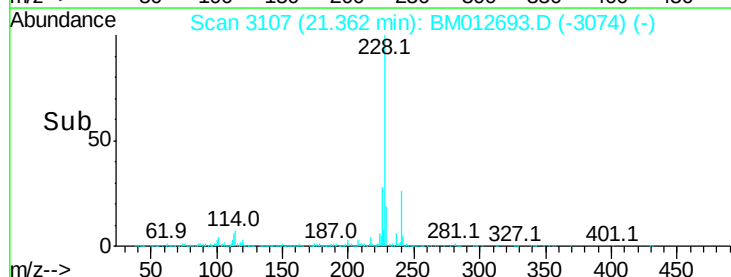
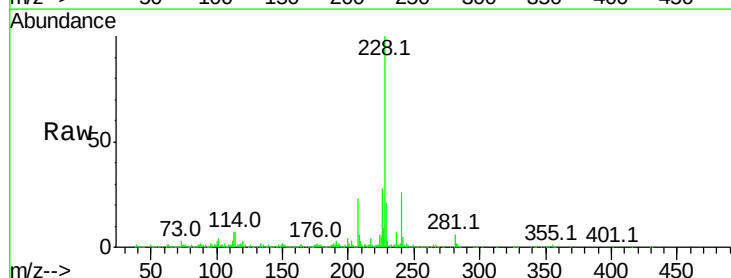
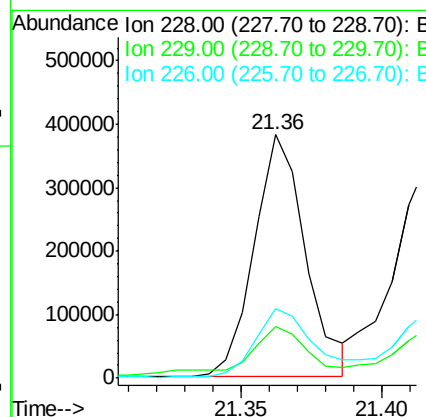
RT: 21.36 min Scan# 3107

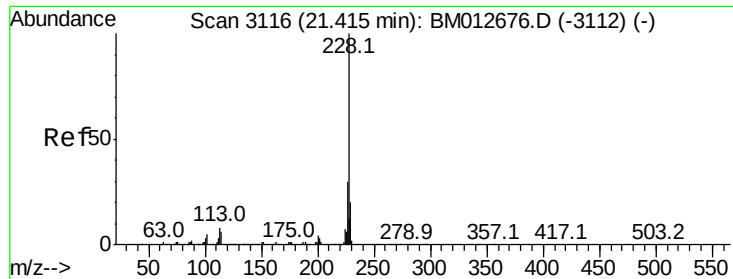
Delta R.T. -0.01 min

Lab File: BM012693.D

Acq: 03 Nov 2017 09:02

Tgt Ion:	228	Resp:	480699
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.4	23.0
226	28.5	21.4	32.0





#82

Chrysene

Concen: 8.777 ng/ul

RT: 21.42 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BM012693.D

Acq: 03 Nov 2017 09:02

Instrument :

BNA_M

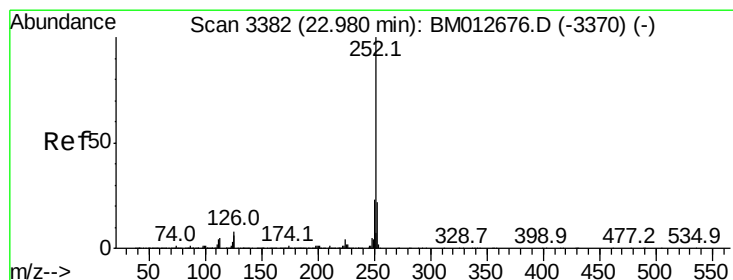
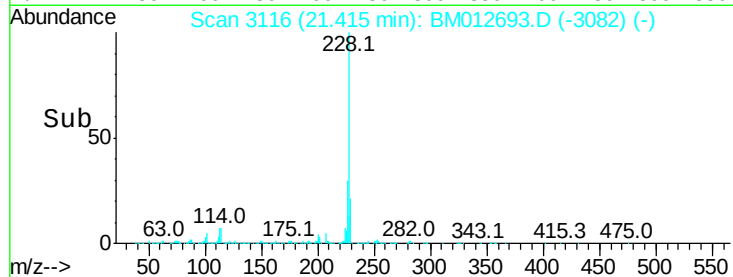
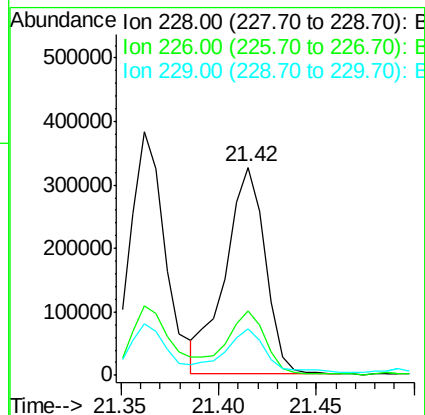
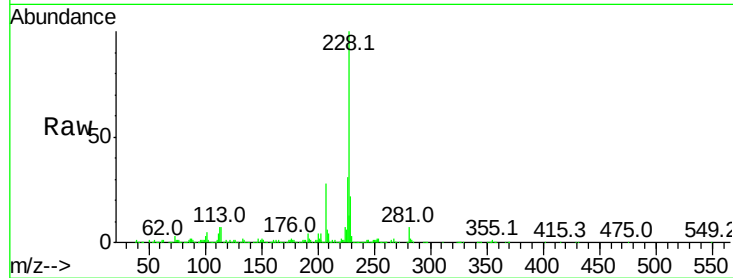
ClientSampleId :

B0DW7DL

Tot Ion:	228	Resp:	463473
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.4	35.2
229	22.5	15.5	23.3

Manual Integrations
APPROVED

Sohil
11/3/2017 4:54:34 PM



#85

Benzo(b)fluoranthene

Concen: 8.483 ng/ul

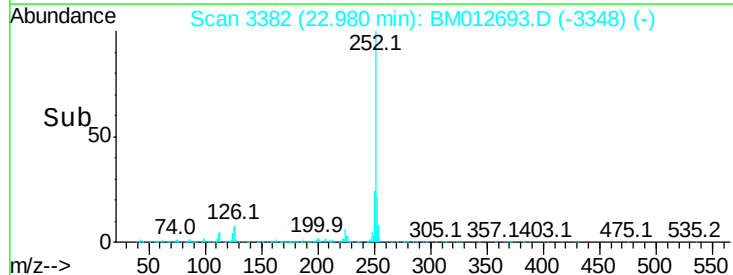
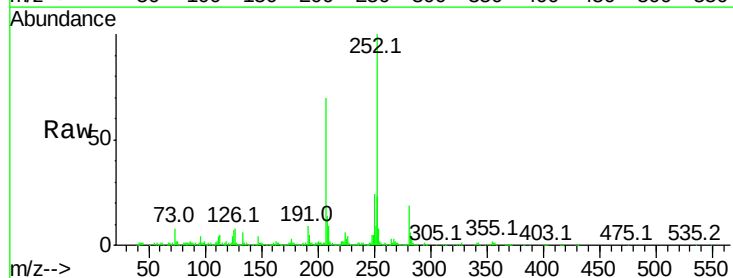
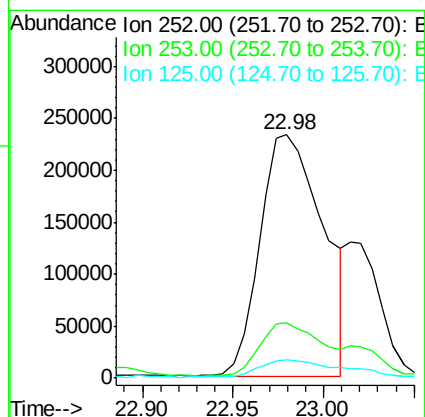
RT: 22.98 min Scan# 3382

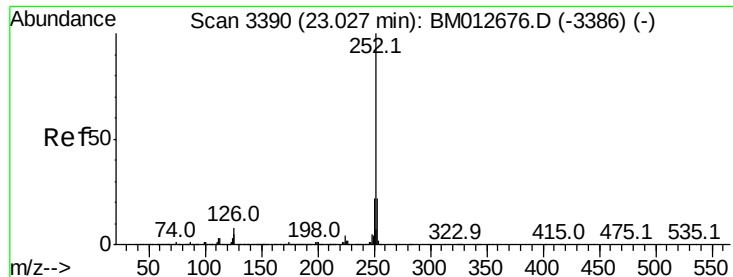
Delta R.T. -0.00 min

Lab File: BM012693.D

Acq: 03 Nov 2017 09:02

Tgt Ion:	252	Resp:	563659
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.9	26.9
125	7.3	3.6	5.4#





#86

Benzo(k)fluoranthene

Concen: 2.650 ng/ul m

RT: 23.01 min Scan# 3388

Delta R.T. -0.01 min

Lab File: BM012693.D

Acq: 03 Nov 2017 09:02

Instrument :

BNA_M

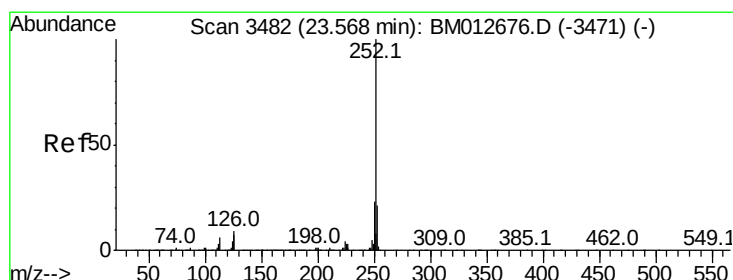
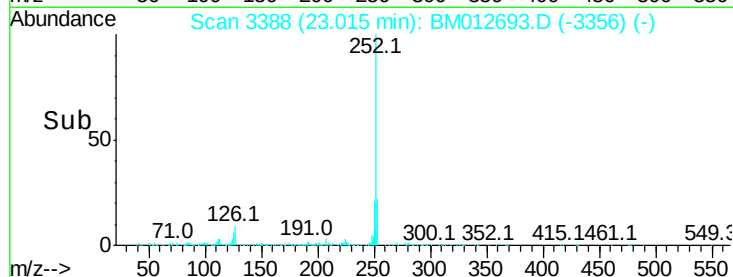
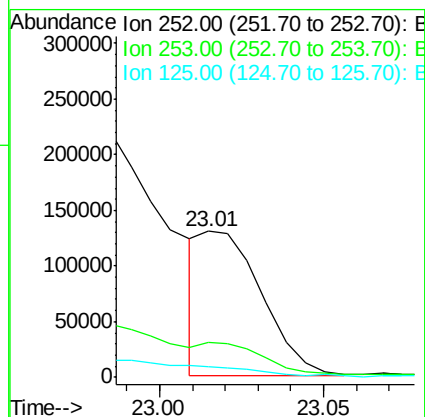
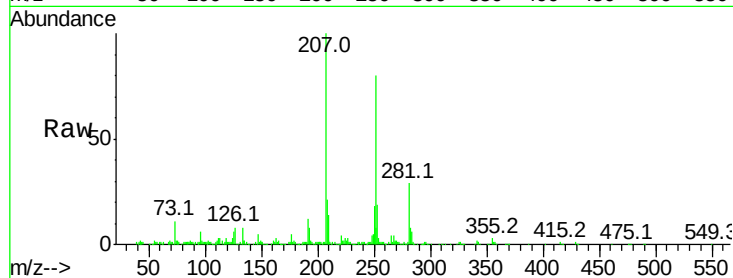
ClientSampleId :

B0DW7DL

Tot Ion:	252	Resp:	165692
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.1	25.7
125	7.1	3.4	5.2#

Manual Integrations
APPROVED

Sohil
11/3/2017 4:54:34 PM



#88

Benzo(a)pyrene

Concen: 7.022 ng/ul

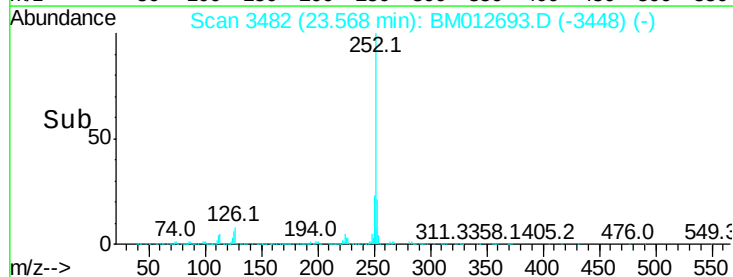
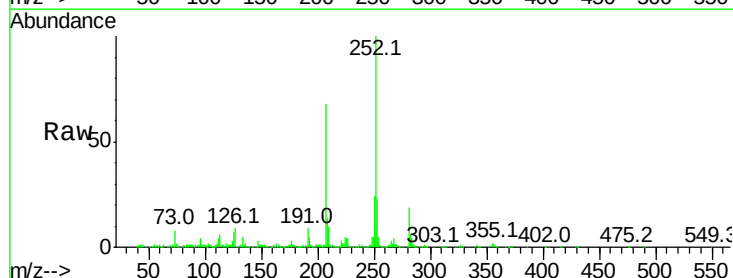
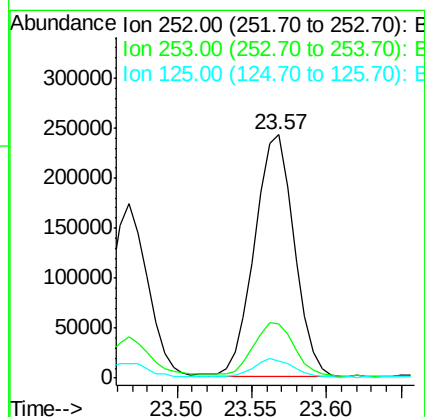
RT: 23.57 min Scan# 3482

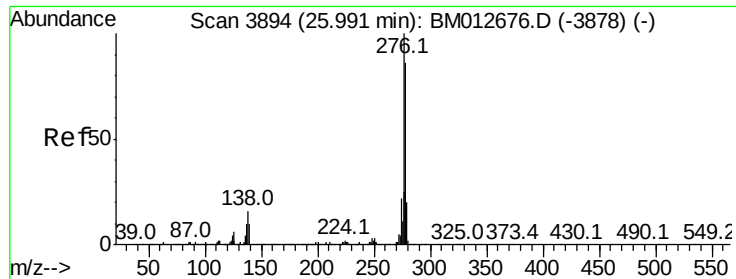
Delta R.T. -0.00 min

Lab File: BM012693.D

Acq: 03 Nov 2017 09:02

Tgt Ion:	252	Resp:	444817
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.2
125	7.1	4.0	6.0#





#89

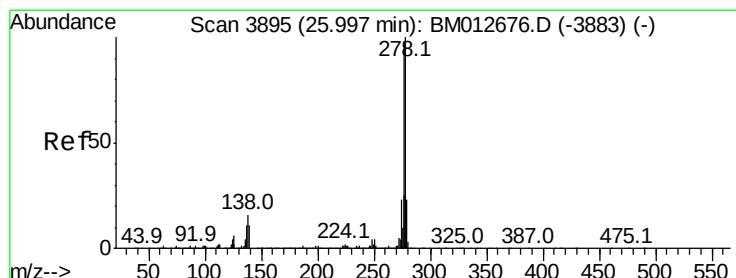
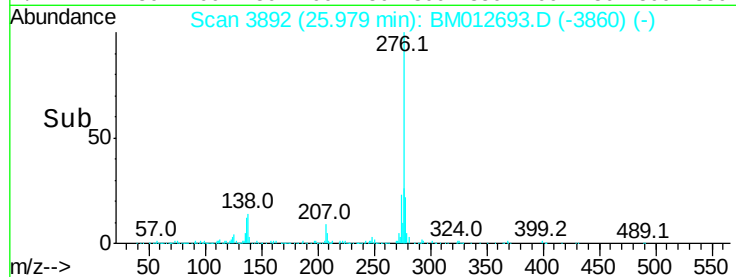
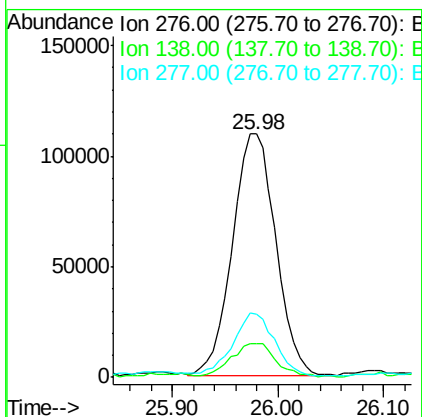
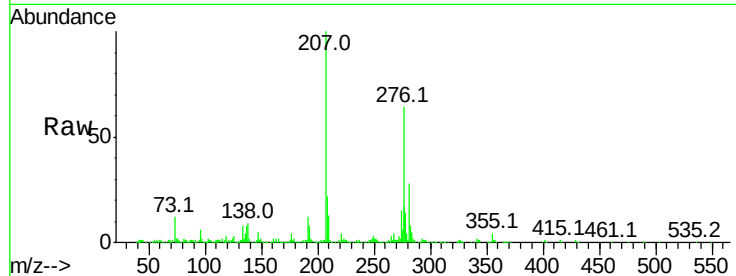
Indeno(1,2,3-cd)pyrene
Concen: 4.169 ng/ul
RT: 25.98 min Scan# 3892
Delta R.T. -0.01 min
Lab File: BM012693.D
Acq: 03 Nov 2017 09:02

Instrument :
BNA_M
ClientSampleId :
B0DW7DL

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	13.8	9.3	13.9
277	26.0	19.9	29.9

Manual Integrations
APPROVED

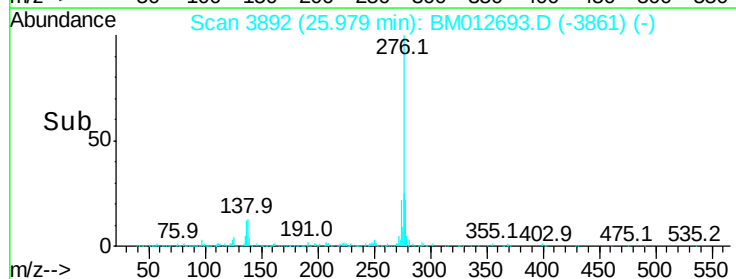
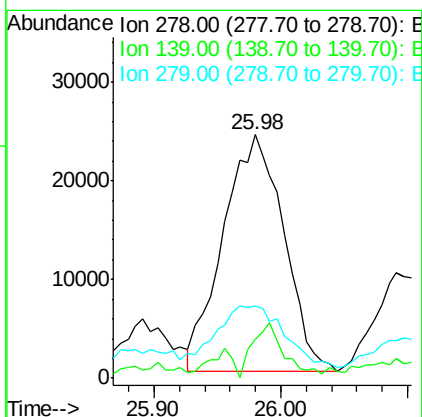
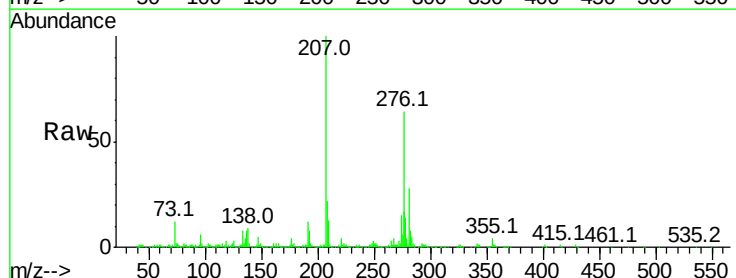
Sohil
11/3/2017 4:54:34 PM

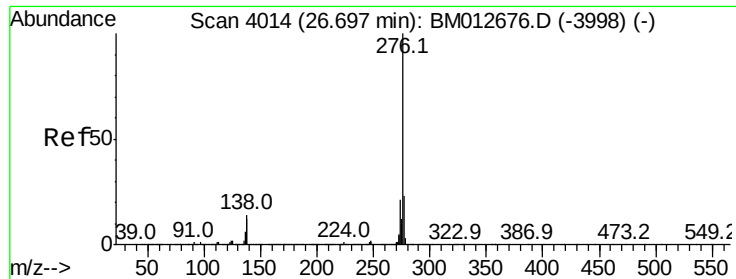


#90

Dibenzo(a,h)anthracene
Concen: 1.261 ng/ul
RT: 25.98 min Scan# 3892
Delta R.T. -0.02 min
Lab File: BM012693.D
Acq: 03 Nov 2017 09:02

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	15.9	5.8	8.8#
279	29.4	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 4.956 ng/ul

RT: 26.69 min Scan# 4013

Delta R.T. -0.01 min

Lab File: BM012693.D

Acq: 03 Nov 2017 09:02

Instrument :

BNA_M

ClientSampleId :

B0DW7DL

Tot Ion:	276	Resp:	299465
Ion Ratio		Lower	Upper
276	100		
138	13.9	8.5	12.7#
277	24.2	18.6	28.0

Manual Integrations
APPROVED

Sohil
11/3/2017 4:54:34 PM

