

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012733.D
 Acq On : 05 Nov 2017 06:39
 Operator : SJ/JU
 Sample : I5825-10 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-64(2.5-4.5)-101117

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:43 PM

Quant Time: Nov 06 04:55:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	130843	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	513945	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	299910	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	606124	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	574482	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	643133	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	5187	2.14	ng/uL	0.00
5) Phenol-d5	6.99	99	118932	12.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	73263	13.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	107327	13.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	48780	5.80	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	55420	14.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	63191	14.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	111880	12.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	34451	4.01	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	378371	15.25	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	451707	14.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	32986	8.29	ng/ul	0.01
57) Fluorene-d10	15.45	176	318535	14.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	16265	4.06	ng/ul	0.00
70) Anthracene-d10	17.29	188	440487	15.04	ng/ul	0.00
78) Pyrene-d10	19.59	212	426409	16.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	458002	15.06	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.02	94	20935	2.095	ng/ul	92
44) Dimethylphthalate	13.91	163	205626	8.349	ng/ul	99
69) Phenanthrene	17.24	178	37529	1.133	ng/ul	99
75) Di-n-butylphthalate	18.16	149	42755	1.274	ng/ul	97
76) Fluoranthene	19.25	202	85809	2.155	ng/ul#	94
79) Pyrene	19.62	202	98151	2.864	ng/ul#	92
82) Benzo(a)anthracene	21.36	228	65091	1.872	ng/ul#	91
83) Bis(2-ethylhexyl)phthalate	21.29	149	25301	1.389	ng/ul#	77
84) Chrysene	21.41	228	80278	2.548	ng/ul#	91
87) Benzo(b)fluoranthene	22.97	252	156627	3.985	ng/ul#	87
88) Benzo(k)fluoranthene	23.01	252	47433m	1.270	ng/ul	
90) Benzo(a)pyrene	23.56	252	96566	2.582	ng/ul#	86
91) Indeno(1,2,3-cd)pyrene	25.98	276	105467	2.340	ng/ul#	86
93) Benzo(g,h,i)perylene	26.69	276	117189	3.155	ng/ul#	89

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

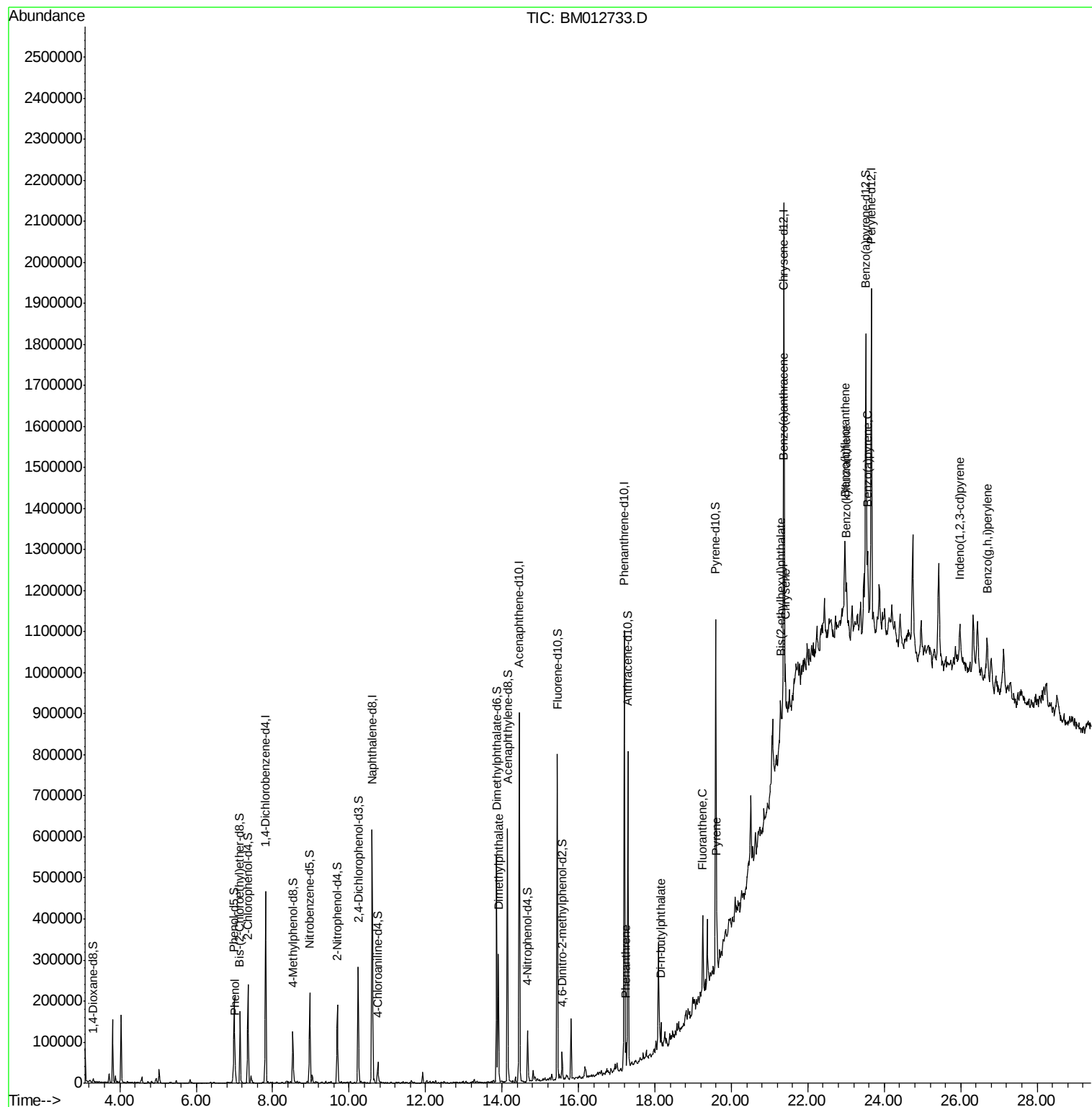
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012733.D
Acq On : 05 Nov 2017 06:39
Operator : SJ/JU
Sample : I5825-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

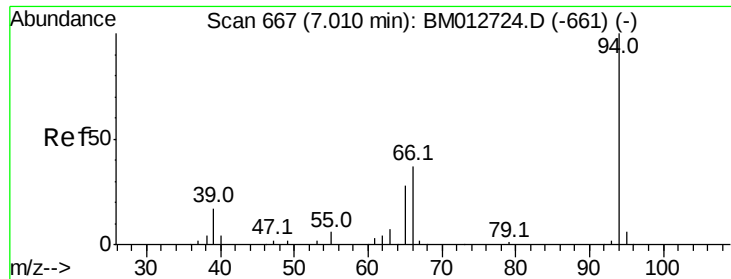
Instrument :
BNA_M
ClientSampleId :
B-64(2.5-4.5)-101117

Manual Integrations
APPROVED

Sohil
11/6/2017 4:24:43 PM

Quant Time: Nov 06 04:55:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.095 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

Instrument :

BNA_M

ClientSampleId :

B-64(2.5-4.5)-101117

Tot Ion: 94 Resp: 20935

Ion Ratio Lower Upper

94 100

65 30.8 21.0 31.6

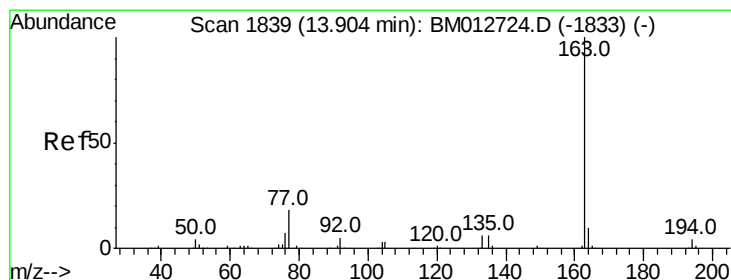
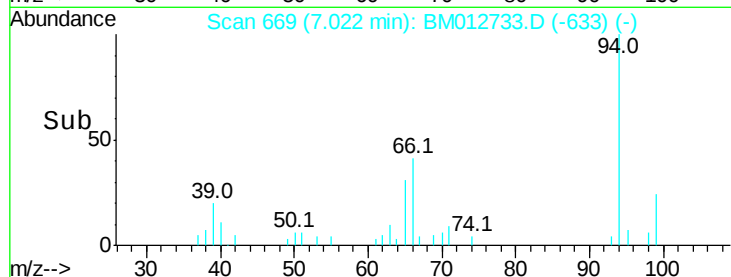
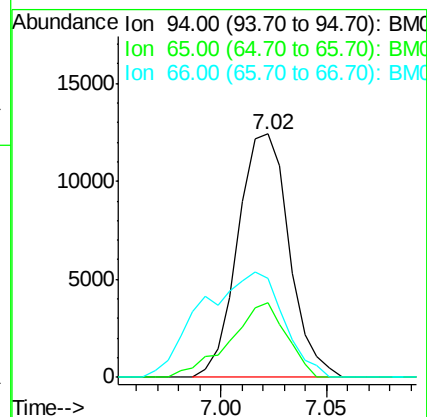
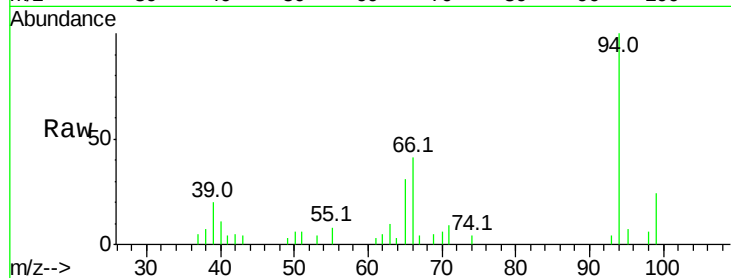
66 40.8 29.3 43.9

Manual Integrations

APPROVED

Sohil

11/6/2017 4:24:43 PM



#44

Dimethylphthalate

Concen: 8.349 ng/ul

RT: 13.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

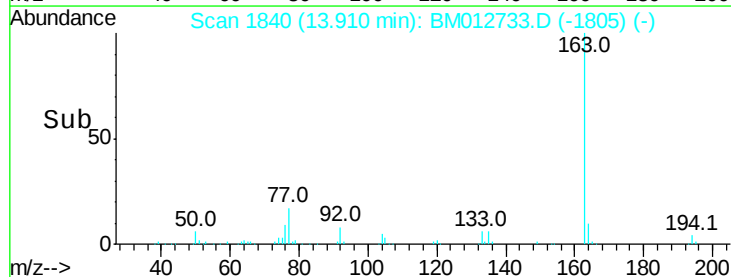
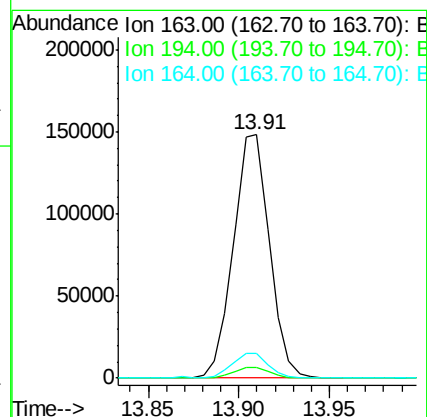
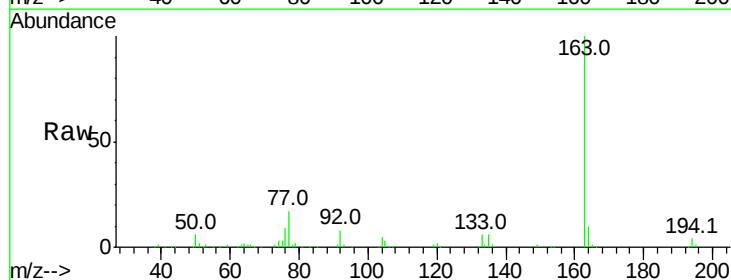
Tgt Ion: 163 Resp: 205626

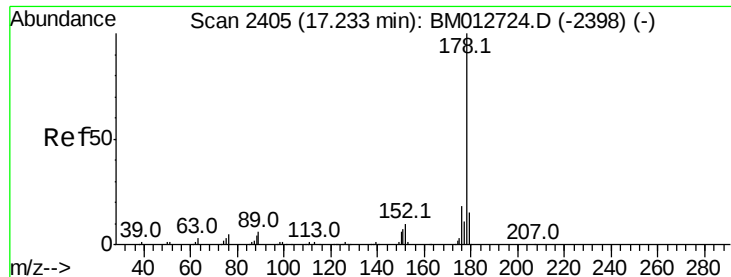
Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

164 10.0 7.8 11.8





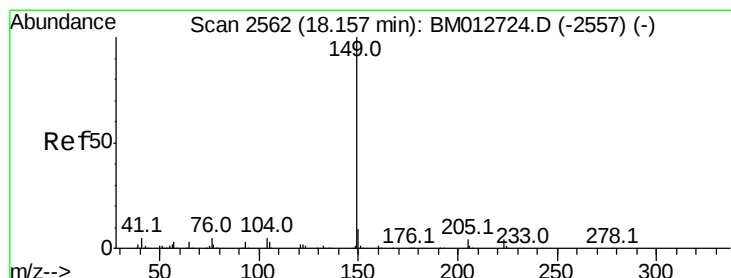
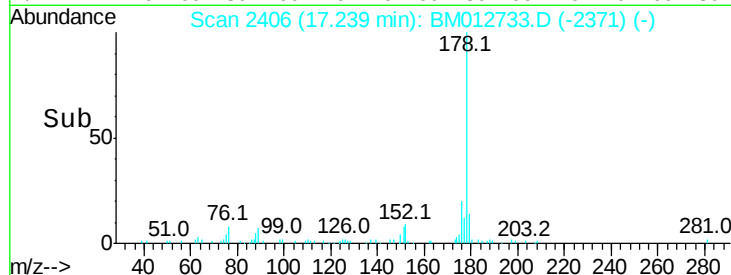
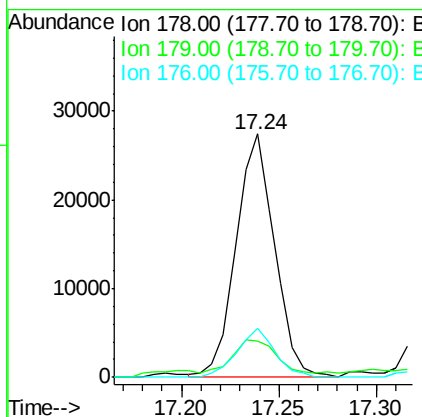
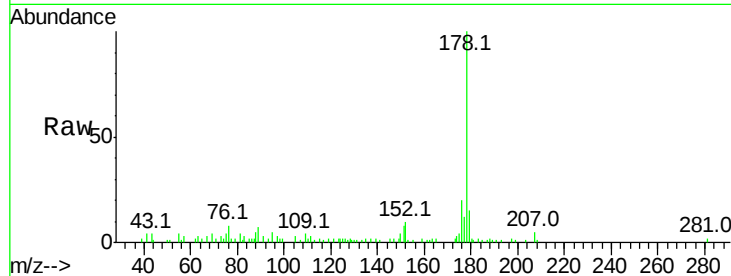
#69
Phenanthrene
Concen: 1.133 ng/ul
RT: 17.24 min Scan# 2406
Delta R.T. 0.01 min
Lab File: BM012733.D
Acq: 05 Nov 2017 06:39

Instrument :
BNA_M
ClientSampleId :
B-64(2.5-4.5)-101117

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	20.3	15.6	23.4

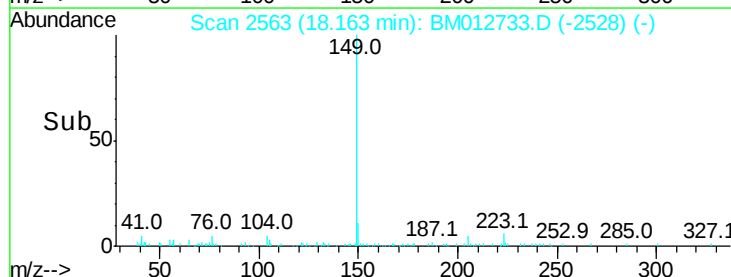
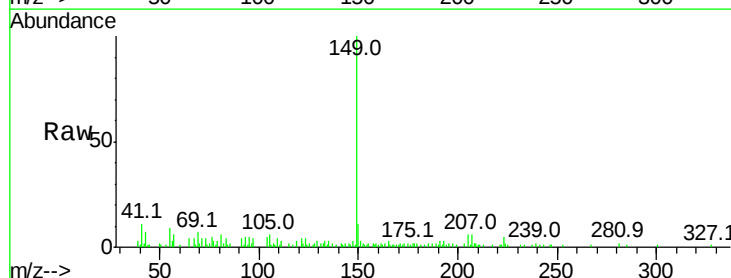
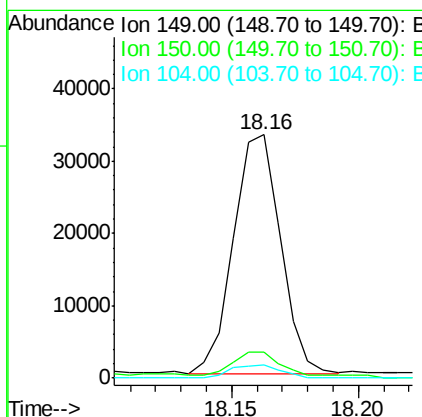
Manual Integrations
APPROVED

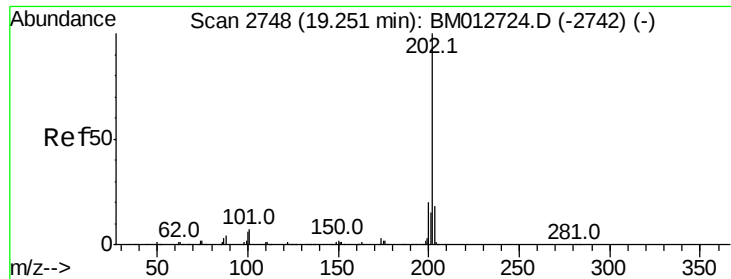
Sohil
11/6/2017 4:24:43 PM



#75
Di-n-butylphthalate
Concen: 1.274 ng/ul
RT: 18.16 min Scan# 2563
Delta R.T. 0.01 min
Lab File: BM012733.D
Acq: 05 Nov 2017 06:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.4	11.0
104	5.2	4.0	6.0





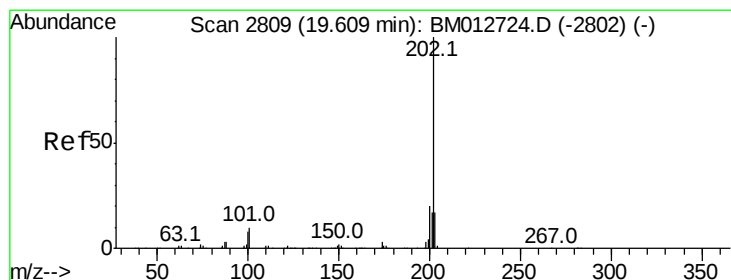
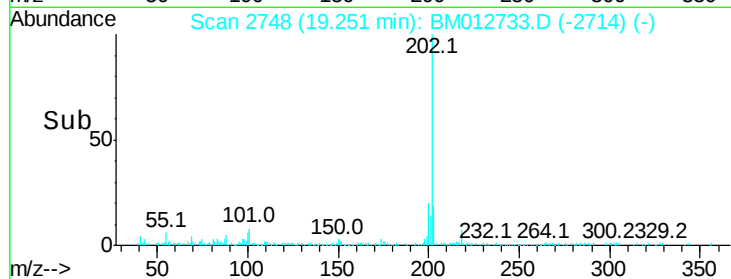
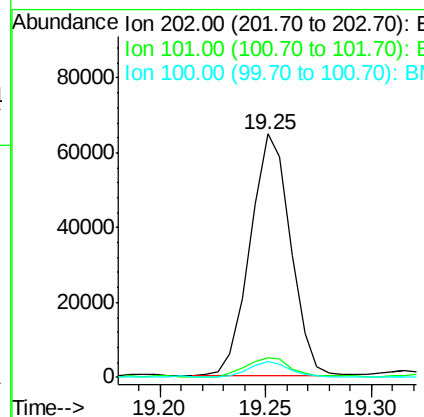
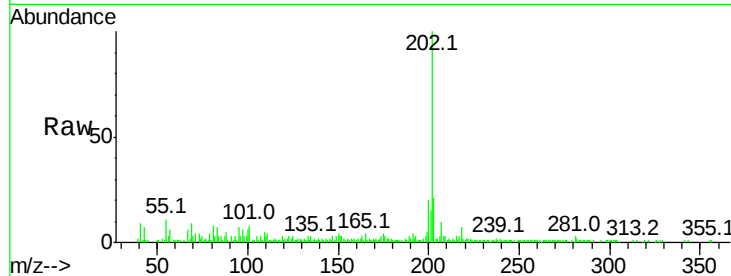
#76
Fluoranthene
Concen: 2.155 ng/ul
RT: 19.25 min Scan# 2748
Delta R.T. 0.00 min
Lab File: BM012733.D
Acq: 05 Nov 2017 06:39

Instrument :
BNA_M
ClientSampleId :
B-64(2.5-4.5)-101117

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	8.8	13.2#
100	6.5	6.6	9.8#

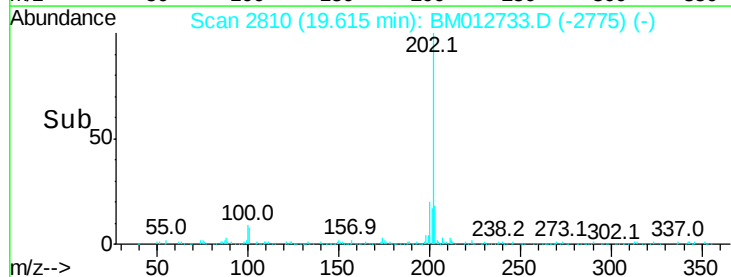
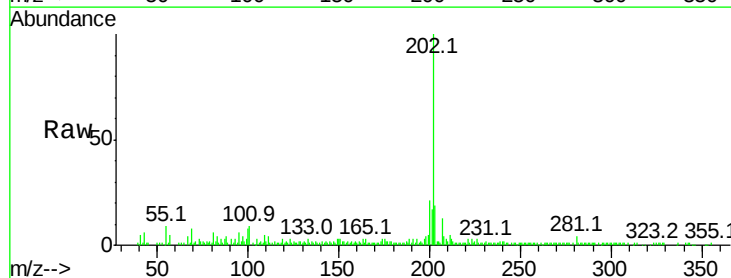
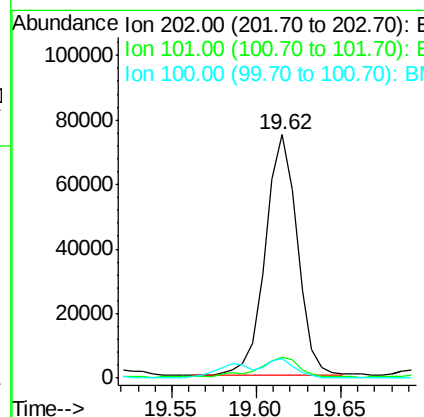
Manual Integrations
APPROVED

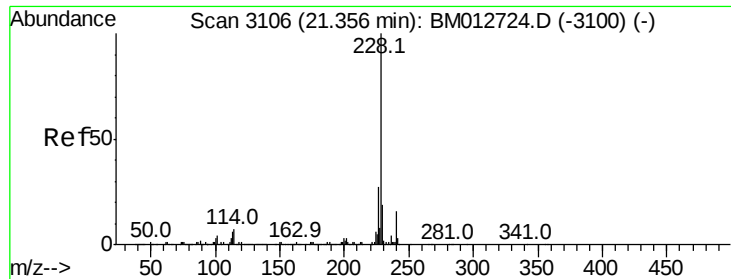
Sohil
11/6/2017 4:24:43 PM



#79
Pyrene
Concen: 2.864 ng/ul
RT: 19.62 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM012733.D
Acq: 05 Nov 2017 06:39

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.8	10.2	15.2#
100	8.2	8.5	12.7#





#82

Benzo(a)anthracene

Concen: 1.872 ng/ul

RT: 21.36 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

Instrument :

BNA_M

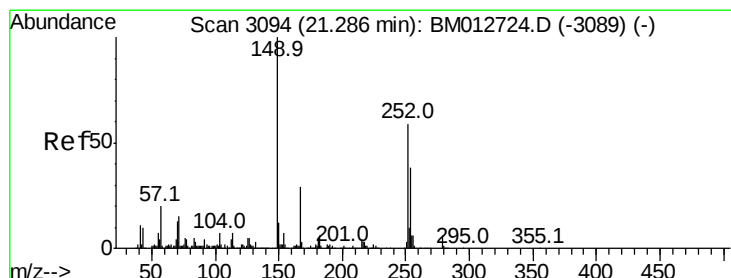
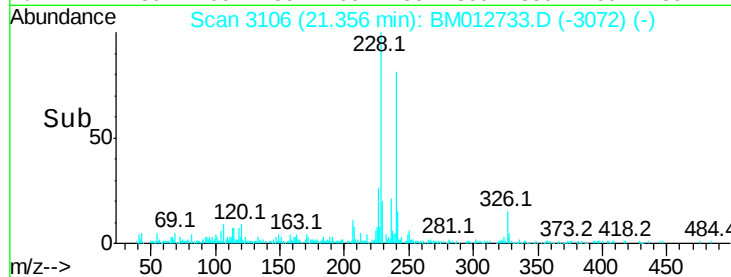
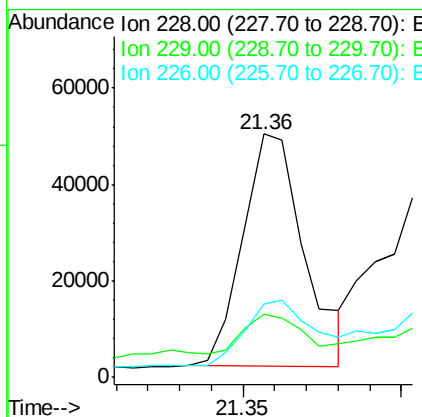
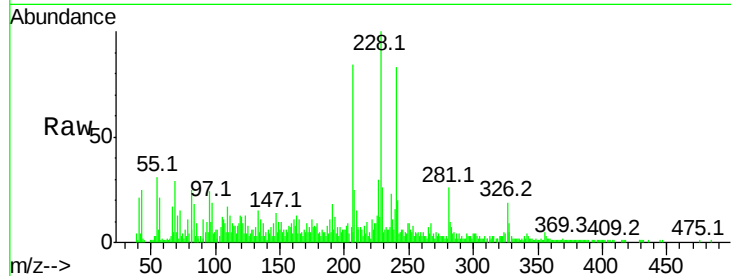
ClientSampleId :

B-64(2.5-4.5)-101117

Tot Ion:	228	Resp:	65091
Ion Ratio	Lower	Upper	
228	100		
229	25.7	15.7	23.5#
226	29.9	21.8	32.6

Manual Integrations
APPROVED

Sohil
11/6/2017 4:24:43 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.389 ng/ul

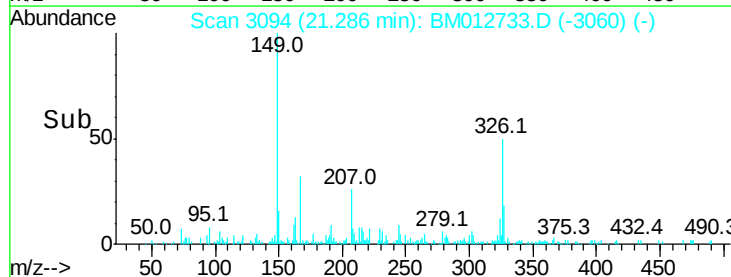
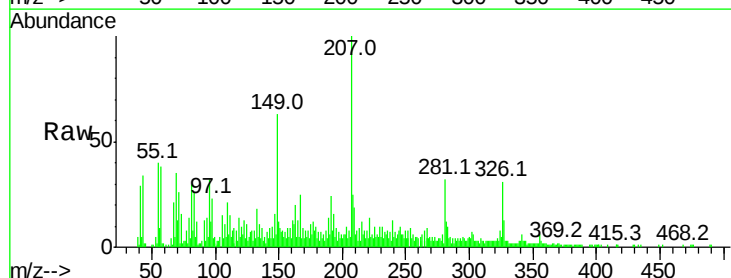
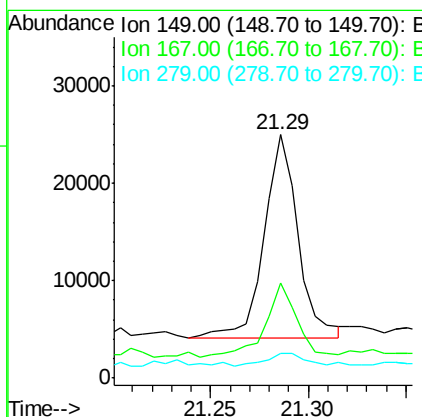
RT: 21.29 min Scan# 3094

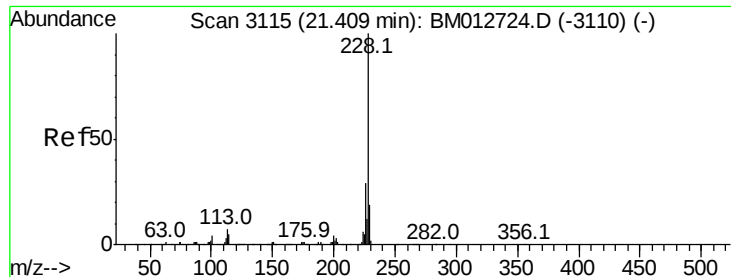
Delta R.T. 0.00 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

Tgt Ion:	149	Resp:	25301
Ion Ratio	Lower	Upper	
149	100		
167	39.3	21.6	32.4#
279	10.3	3.0	4.4#





#84

Chrysene

Concen: 2.548 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

Instrument :

BNA_M

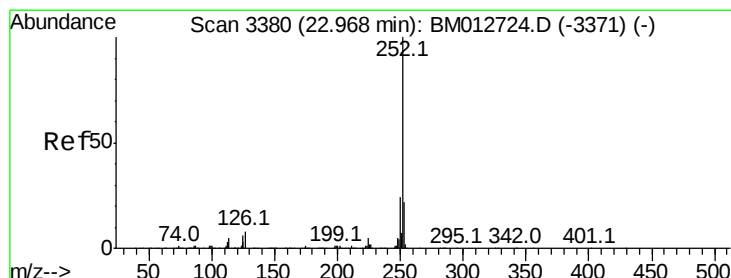
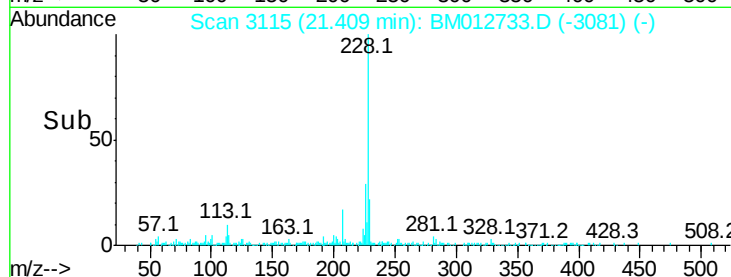
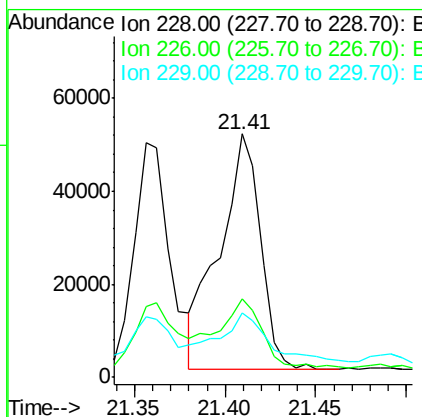
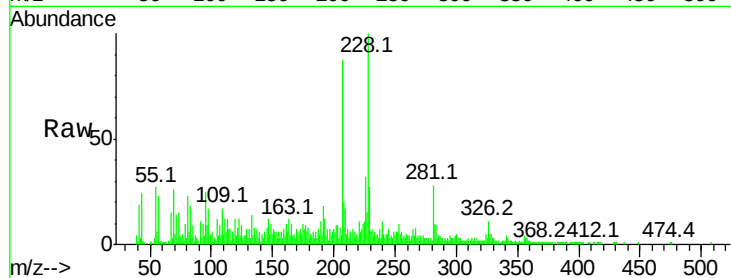
ClientSampleId :

B-64(2.5-4.5)-101117

Tot Ion:	228	Resp:	80278
Ion Ratio	Lower	Upper	
228	100		
226	32.5	24.0	36.0
229	26.6	15.6	23.4

Manual Integrations
APPROVED

Sohil
11/6/2017 4:24:43 PM



#87

Benzo(b)fluoranthene

Concen: 3.985 ng/ul

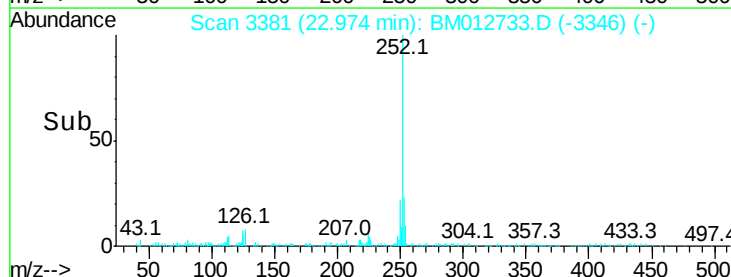
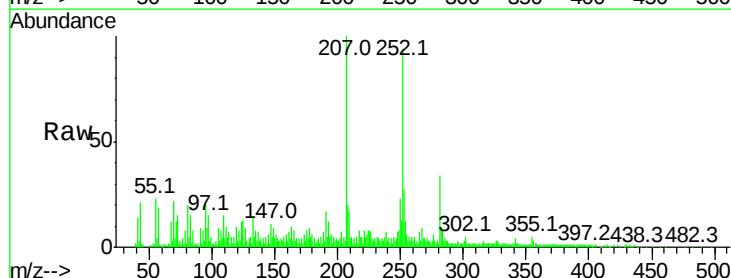
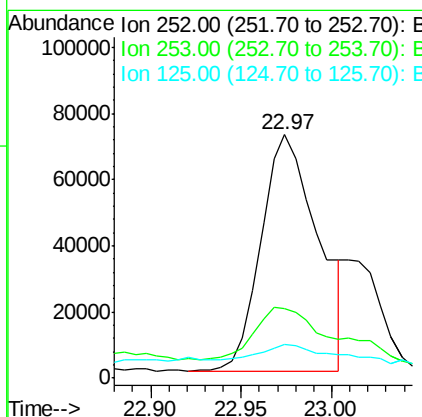
RT: 22.97 min Scan# 3381

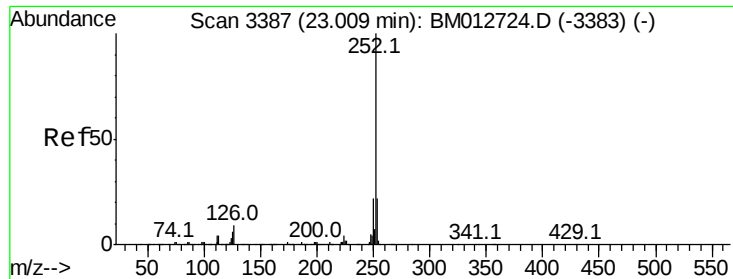
Delta R.T. 0.01 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

Tgt Ion:	252	Resp:	156627
Ion Ratio	Lower	Upper	
252	100		
253	28.8	17.5	26.3
125	13.8	8.5	12.7





#88

Benzo(k)fluoranthene

Concen: 1.270 ng/ul m

RT: 23.01 min Scan# 3387

Delta R.T. 0.00 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

Instrument :

BNA_M

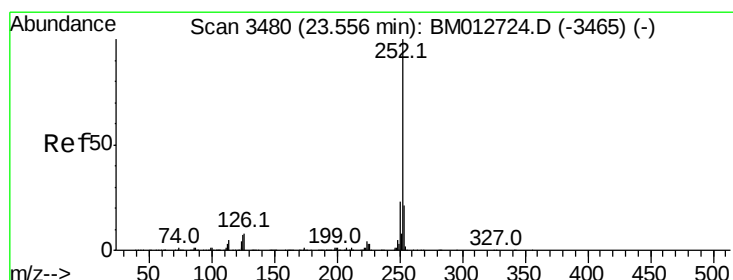
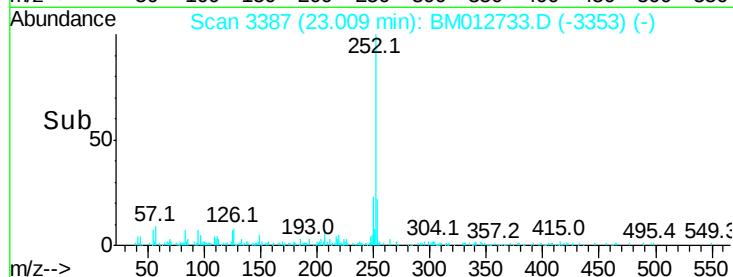
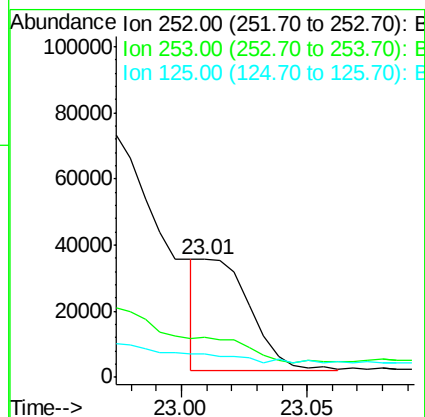
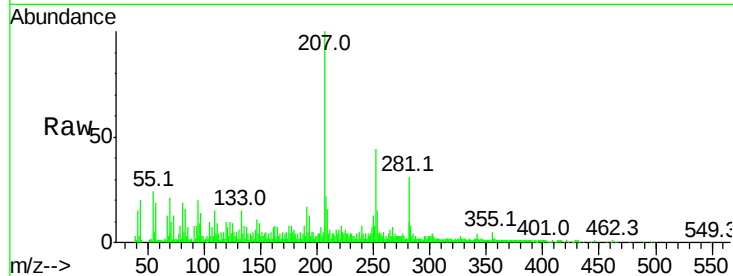
ClientSampleId :

B-64(2.5-4.5)-101117

Tot Ion:	252	Resp:	47433
Ion Ratio	Lower	Upper	
252	100		
253	34.0	17.3	25.9#
125	19.9	8.2	12.2#

Manual Integrations
APPROVED

Sohil
11/6/2017 4:24:43 PM



#90

Benzo(a)pyrene

Concen: 2.582 ng/ul

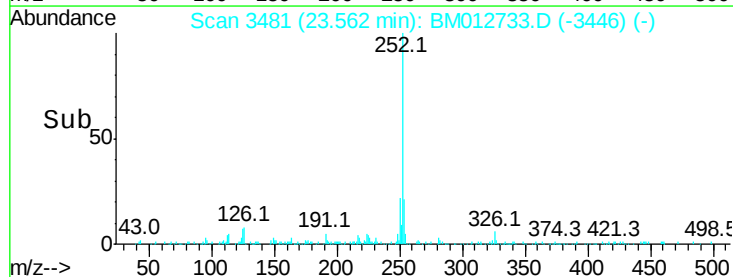
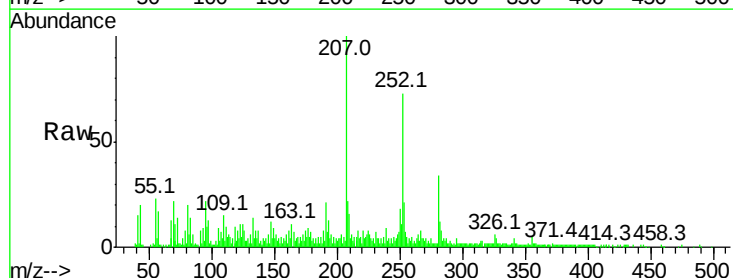
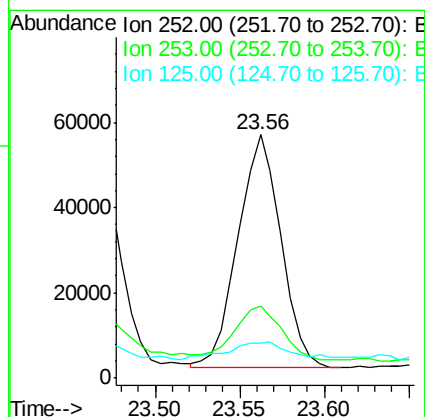
RT: 23.56 min Scan# 3481

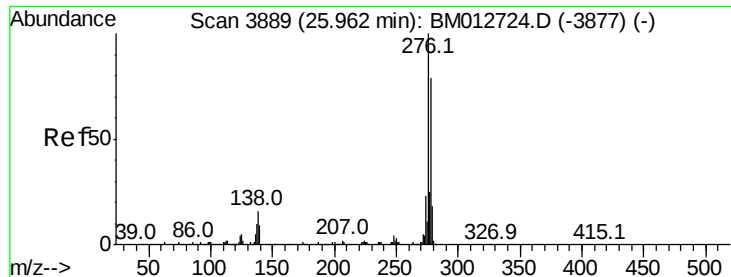
Delta R.T. 0.01 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

Tgt Ion:	252	Resp:	96566
Ion Ratio	Lower	Upper	
252	100		
253	29.4	17.2	25.8#
125	14.5	9.0	13.6#





#91

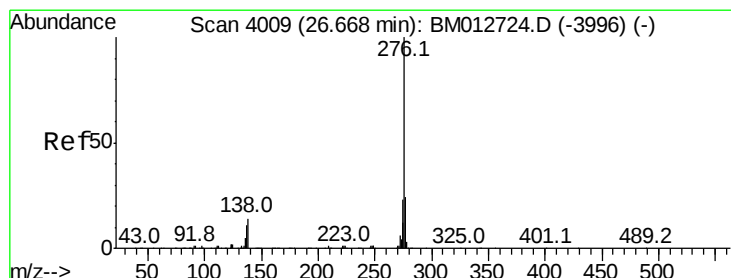
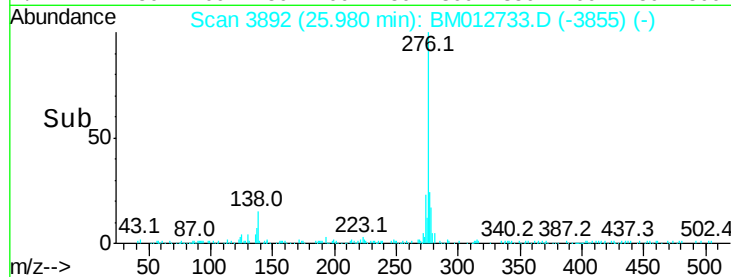
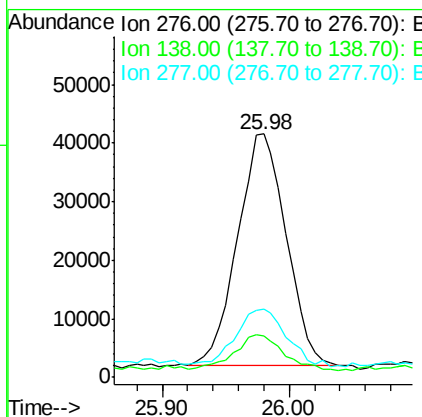
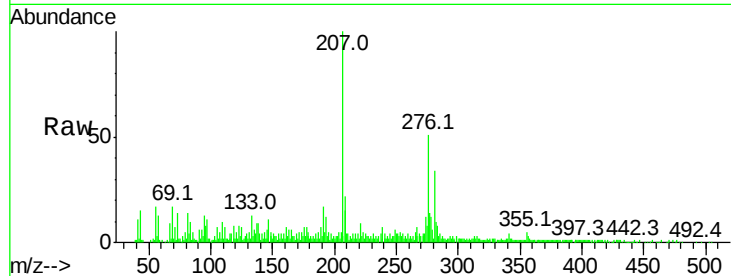
Indeno(1,2,3-cd)pyrene
Concen: 2.340 ng/ul
RT: 25.98 min Scan# 3892
Delta R.T. 0.02 min
Lab File: BM012733.D
Acq: 05 Nov 2017 06:39

Instrument :
BNA_M
ClientSampleId :
B-64(2.5-4.5)-101117

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.0	22.3	33.5#
277	28.2	20.2	30.2

Manual Integrations
APPROVED

Sohil
11/6/2017 4:24:43 PM



#93

Benzo(g,h,i)perylene
Concen: 3.155 ng/ul
RT: 26.69 min Scan# 4013
Delta R.T. 0.02 min
Lab File: BM012733.D
Acq: 05 Nov 2017 06:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	18.9	28.3#
277	28.1	19.2	28.8

