

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
 Data File : BM012623.D
 Acq On : 01 Nov 2017 03:44
 Operator : SJ/JU
 Sample : I5719-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-35(2-3.8)-100417

Manual Integrations
 APPROVED

Sohil
 11/1/2017 4:58:25 PM

Quant Time: Nov 01 07:04:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 01 06:39:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	418706	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.69	136	1958904m	20.00	ng/ul	0.05
35) Acenaphthene-d10	14.49	164	1189881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	2322565	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1965006	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2091539	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	35347	4.31	ng/uL	0.00
5) Phenol-d5	7.03	99	687436	19.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	5336516	257.00	ng/ul	0.04
9) 2-Chlorophenol-d4	7.41	132	589546	22.50	ng/ul	0.02
13) 4-Methylphenol-d8	8.63	113	3124265m	104.51	ng/ul	0.07
19) Nitrobenzene-d5	9.05	128	1395401	113.74	ng/ul	0.04
22) 2-Nitrophenol-d4	9.77	143	371680m	29.41	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.31	165	658790	19.68	ng/ul	0.05
29) 4-Chloroaniline-d4	10.80	131	10292586m	291.55	ng/ul	0.03
43) Dimethylphthalate-d6	13.90	166	2178341	20.96	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	2695437	21.92	ng/ul	0.01
51) 4-Nitrophenol-d4	14.70	143	168039	10.87	ng/ul	0.01
57) Fluorene-d10	15.48	176	1879141	21.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	89941	8.00	ng/ul	0.01
70) Anthracene-d10	17.33	188	2601744	23.51	ng/ul	0.00
76) Pyrene-d10	19.62	212	2437257	27.04	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.56	264	2298978	23.14	ng/ul	0.01

Target Compounds

						Ovalue
24) 2,4-Dimethylphenol	9.93	107	2476245m	62.674	ng/ul	
28) Naphthalene	10.74	128	4810497m	49.527	ng/ul	
34) 2-Methylnaphthalene	12.32	142	7659154	97.103	ng/ul	97
40) 1,1'-Biphenyl	13.32	154	548440	5.777	ng/ul	98
44) Dimethylphthalate	13.94	163	1107242	10.769	ng/ul#	98
49) Acenaphthene	14.55	153	662557	8.243	ng/ul	95
58) Fluorene	15.53	166	638451	6.346	ng/ul#	81
69) Phenanthrene	17.27	178	3094894	24.641	ng/ul	97
71) Anthracene	17.36	178	320539	2.469	ng/ul#	83
74) Fluoranthene	19.29	202	674154	4.737	ng/ul#	87
77) Pyrene	19.64	202	1337421	11.969	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.32	149	993258	14.829	ng/ul	97
82) Chrysene	21.44	228	618607	5.913	ng/ul#	68
85) Benzo(b)fluoranthene	23.01	252	368543	2.850	ng/ul#	62
88) Benzo(a)pyrene	23.60	252	325101	2.637	ng/ul#	70
91) Benzo(g,h,i)perylene	26.76	276	249498	2.122	ng/ul#	78

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

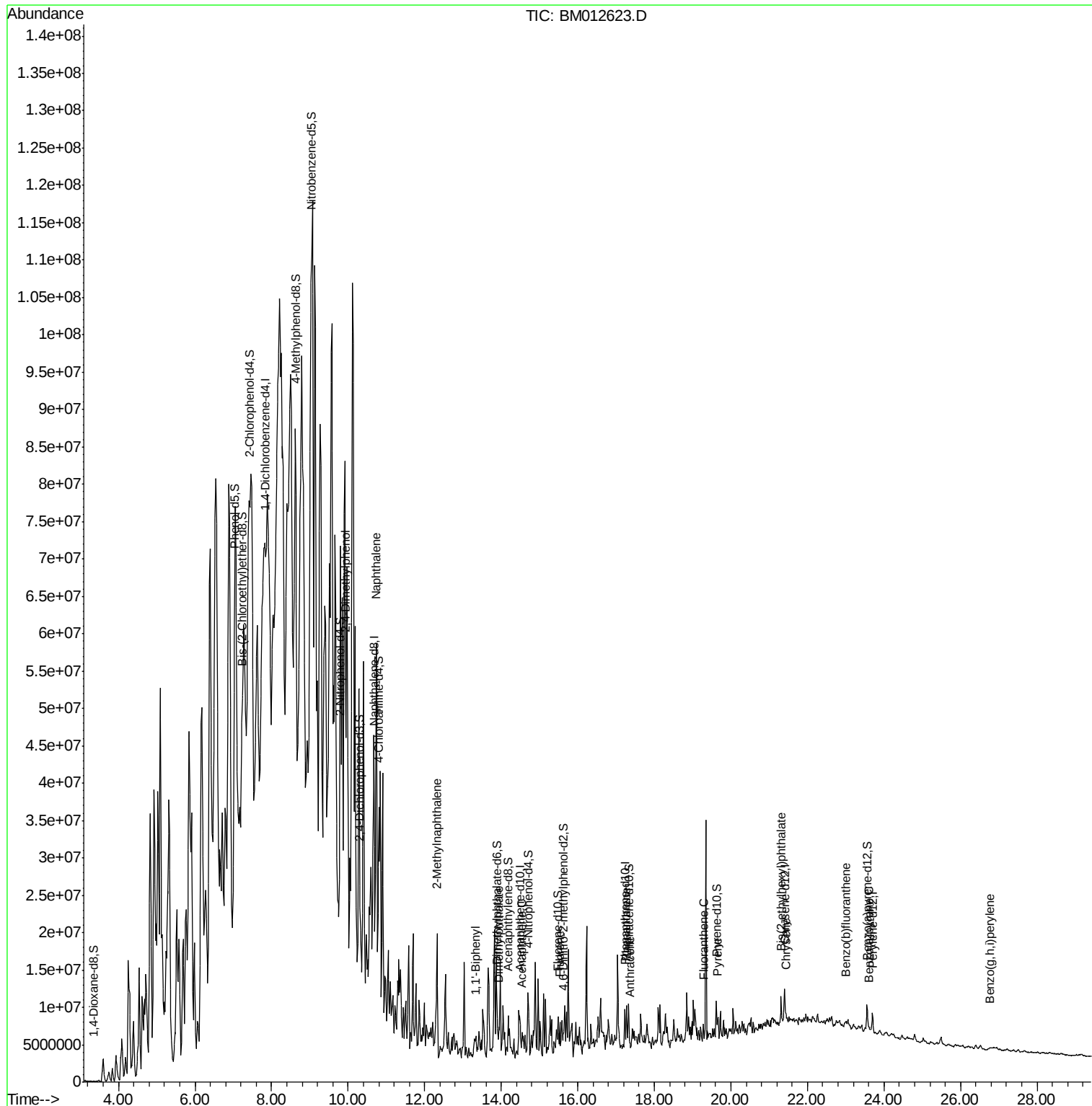
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

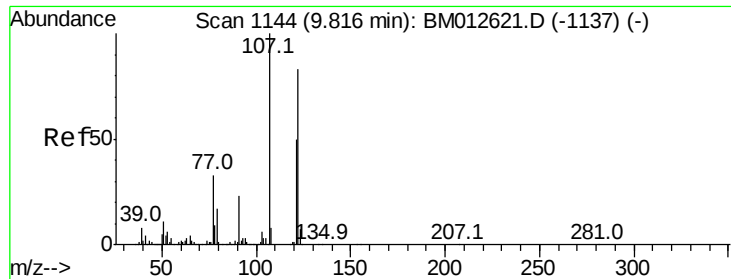
Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM

Quant Time: Nov 01 07:04:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration





#24

2,4-Dimethylphenol

Concen: 62.674 ng/ul m

RT: 9.93 min Scan# 1164

Delta R.T. 0.12 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

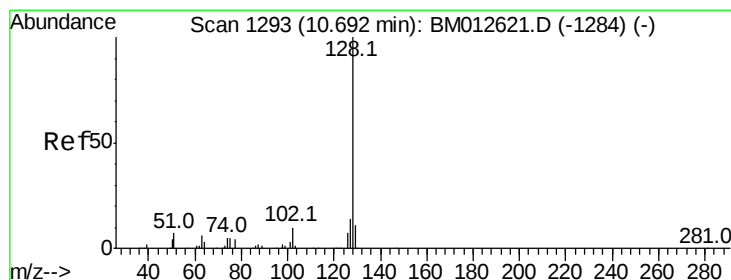
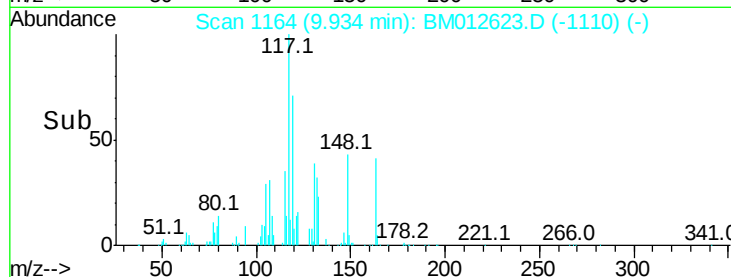
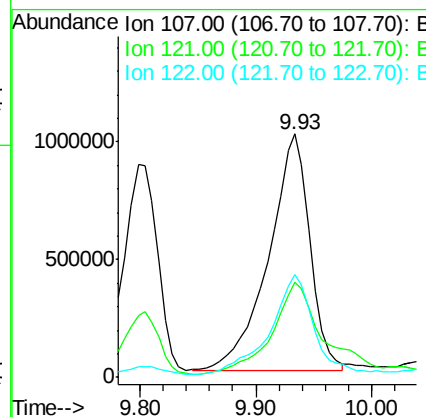
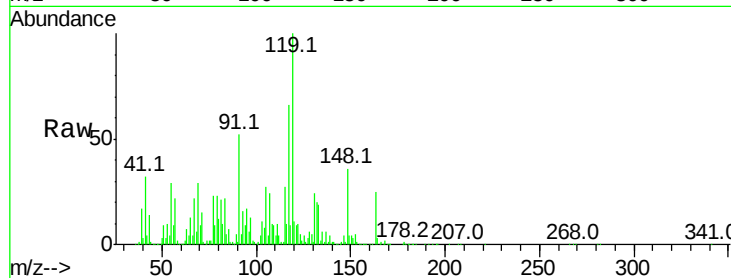
ClientSampleId :

B-35(2-3.8)-100417

Tot Ion	Ratio	Lower	Upper
107	100		
121	39.1	31.9	47.9
122	42.3	57.8	86.6

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM



#28

Naphthalene

Concen: 49.527 ng/ul m

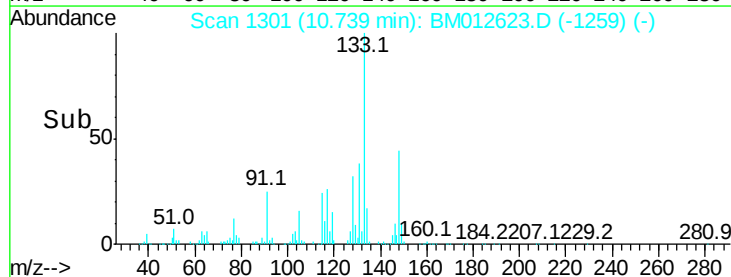
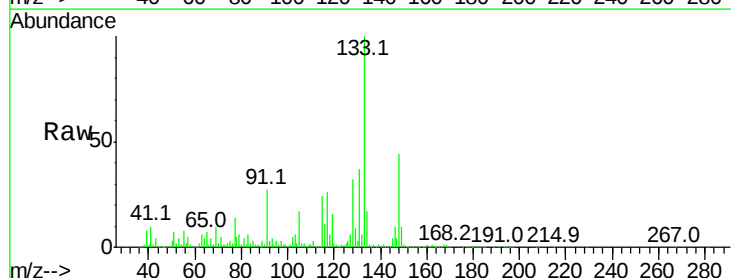
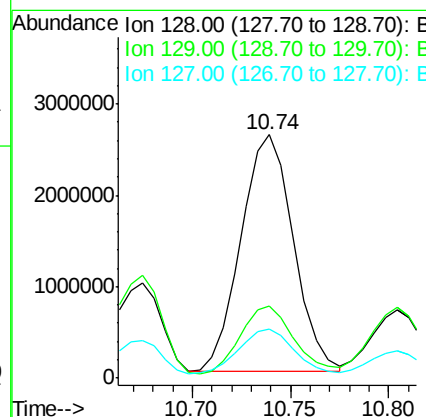
RT: 10.74 min Scan# 1301

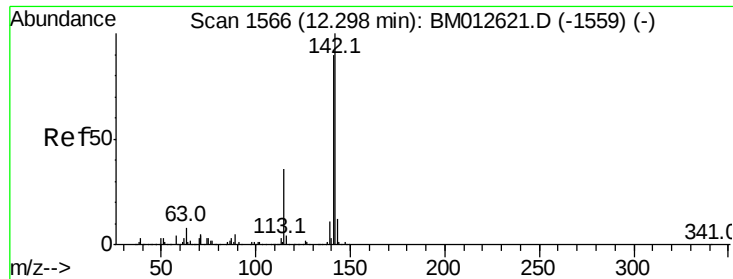
Delta R.T. 0.05 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Tgt Ion	Ratio	Lower	Upper
128	100		
129	29.5	8.8	13.2
127	20.0	10.6	16.0





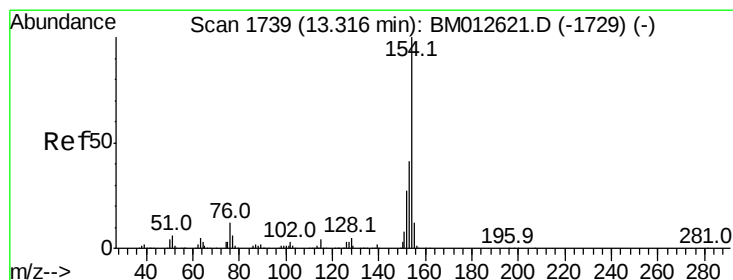
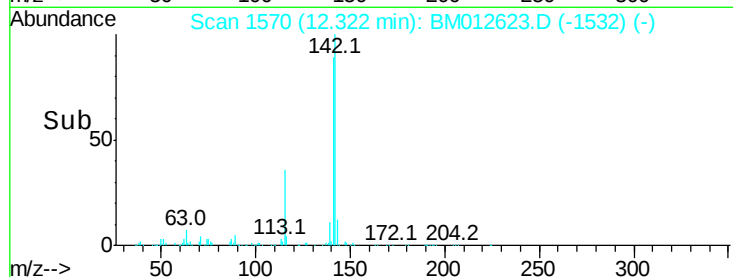
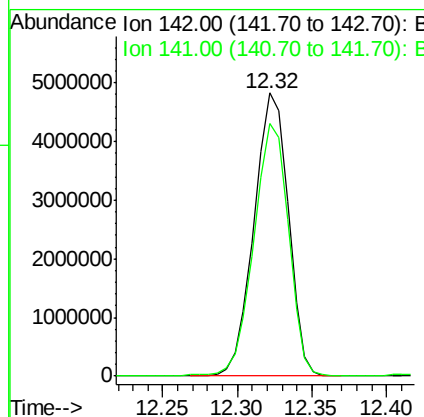
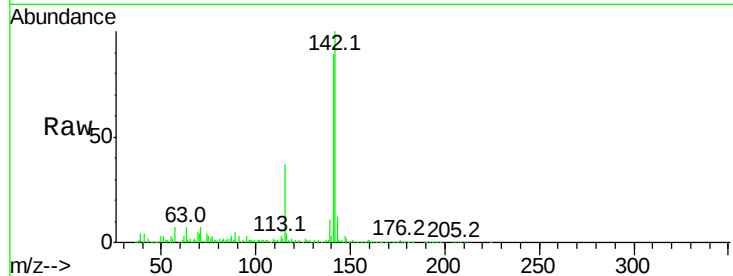
#34
 2-Methylnaphthalene
 Concen: 97.103 ng/ul
 RT: 12.32 min Scan# 1570
 Delta R.T. 0.02 min
 Lab File: BM012623.D
 Acq: 01 Nov 2017 03:44

Instrument :
 BNA_M
 ClientSampleId :
 B-35(2-3.8)-100417

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.1	111.1

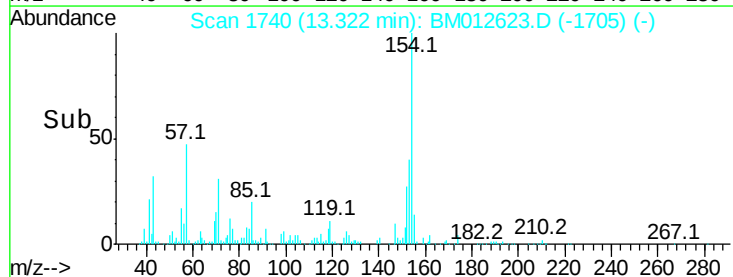
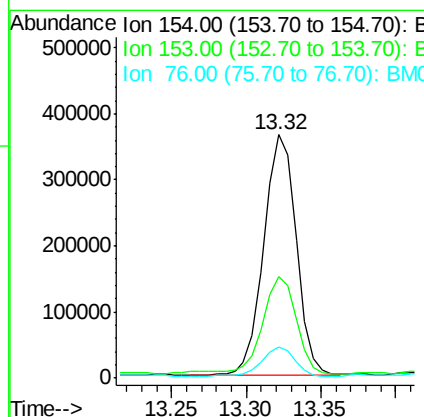
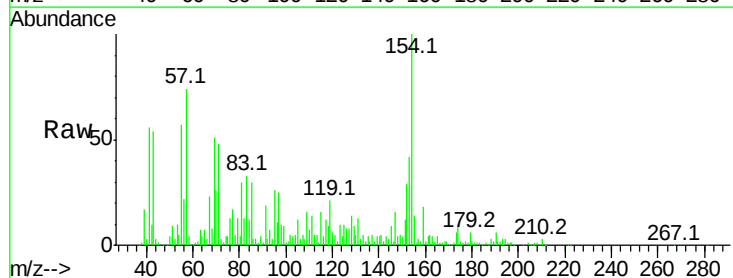
Manual Integrations
 APPROVED

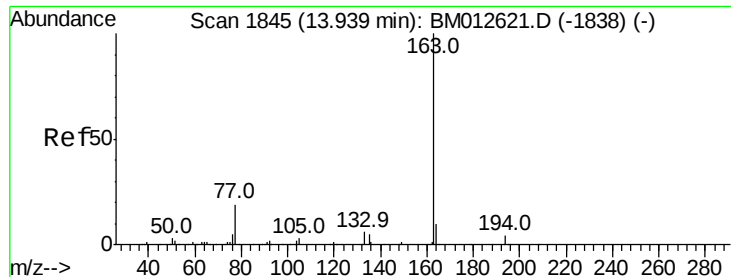
Sohil
 11/1/2017 4:58:25 PM



#40
 1,1'-Biphenyl
 Concen: 5.777 ng/ul
 RT: 13.32 min Scan# 1740
 Delta R.T. 0.01 min
 Lab File: BM012623.D
 Acq: 01 Nov 2017 03:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	32.6	48.8
76	12.7	8.5	12.7





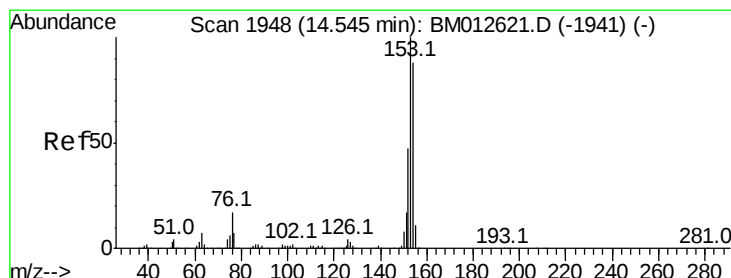
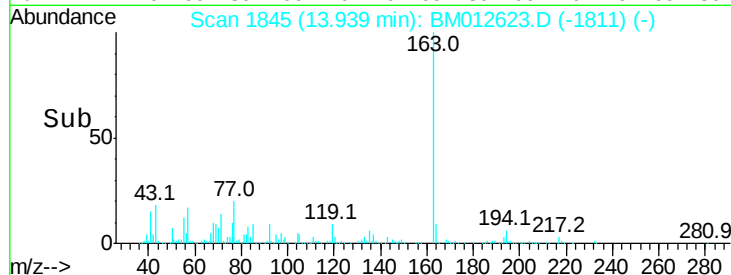
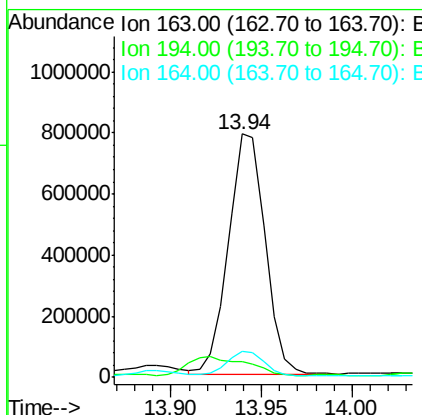
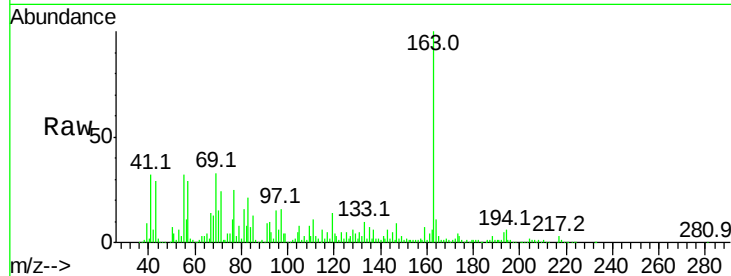
#44
Dimethylphthalate
Concen: 10.769 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BM012623.D
Acq: 01 Nov 2017 03:44

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Tot Ion:163 Resp: 1107242
Ion Ratio Lower Upper
163 100
194 6.3 3.5 5.3#
164 10.5 8.2 12.4

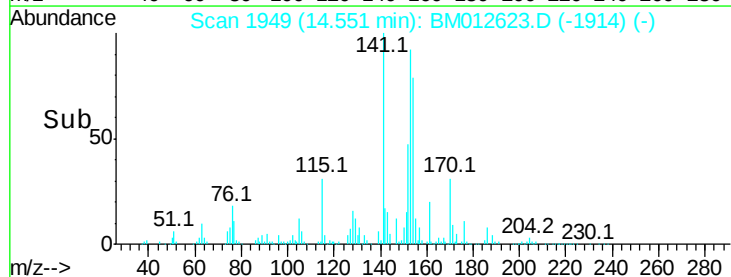
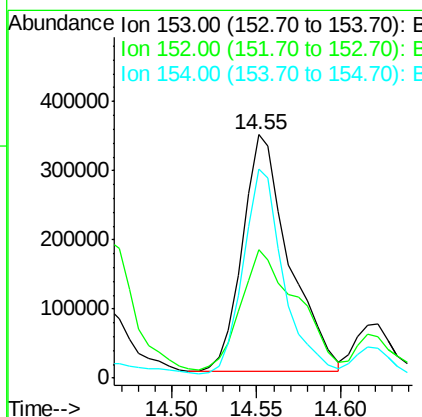
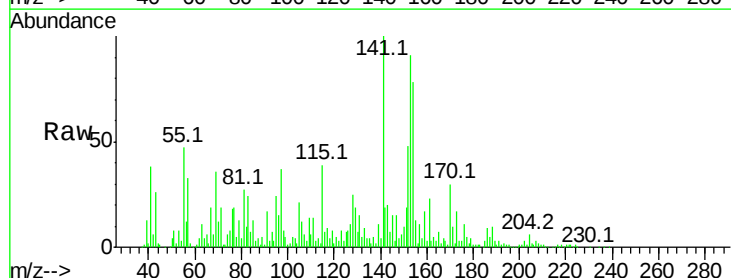
Manual Integrations
APPROVED

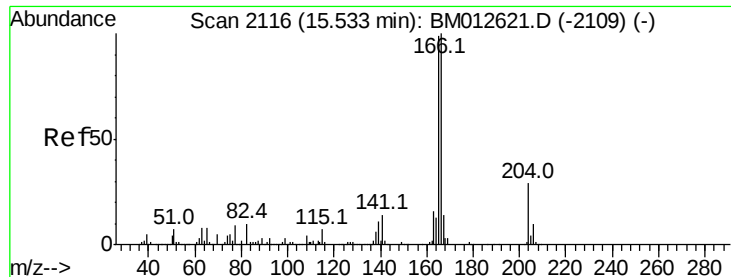
Sohil
11/1/2017 4:58:25 PM



#49
Acenaphthene
Concen: 8.243 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BM012623.D
Acq: 01 Nov 2017 03:44

Tgt Ion:153 Resp: 662557
Ion Ratio Lower Upper
153 100
152 52.7 37.6 56.4
154 85.6 70.4 105.6





#58

Fluorene

Concen: 6.346 ng/ul

RT: 15.53 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

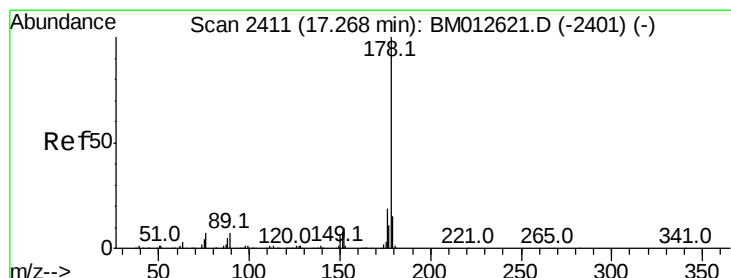
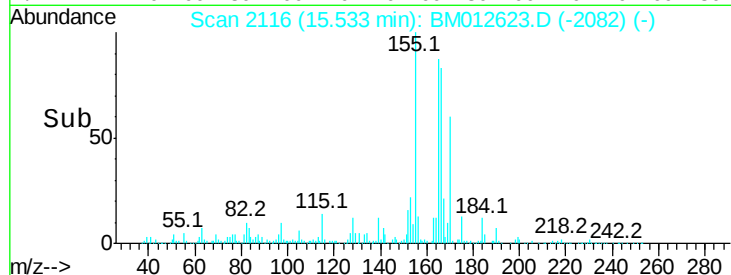
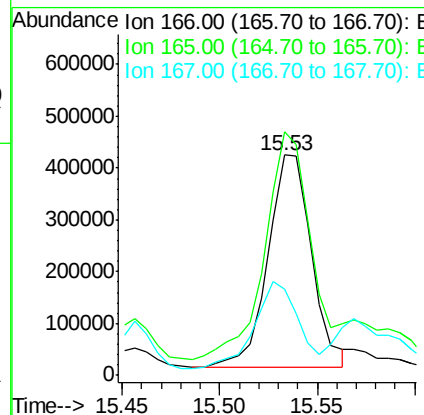
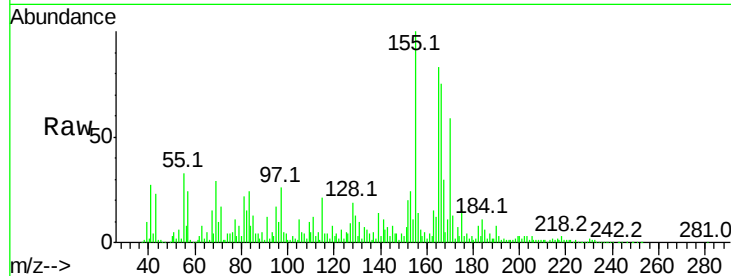
ClientSampleId :

B-35(2-3.8)-100417

Tot Ion	Ratio	Lower	Upper
166	100		
165	110.4	77.9	116.9
167	39.3	10.6	16.0

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM



#69

Phenanthrene

Concen: 24.641 ng/ul

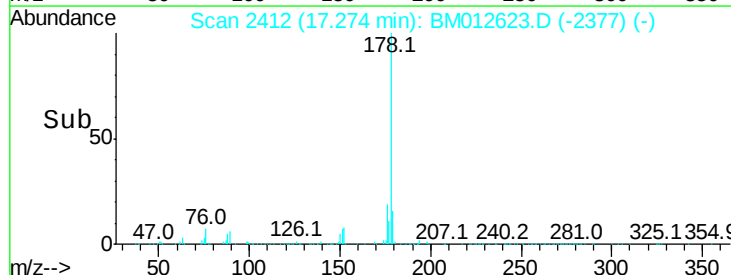
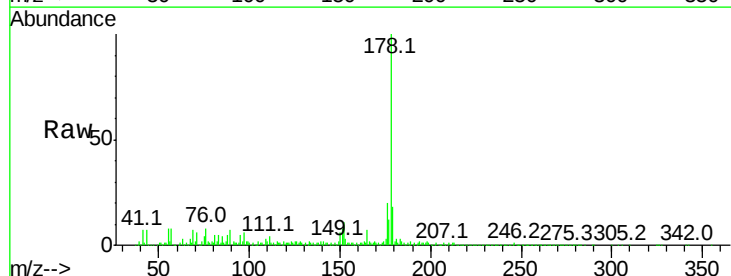
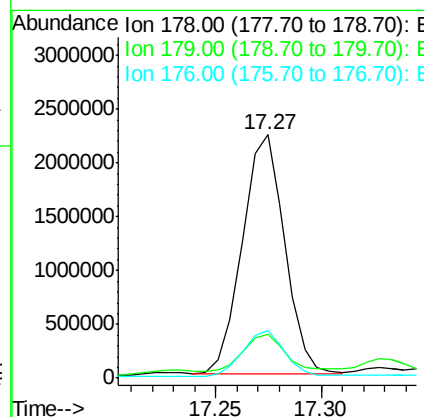
RT: 17.27 min Scan# 2412

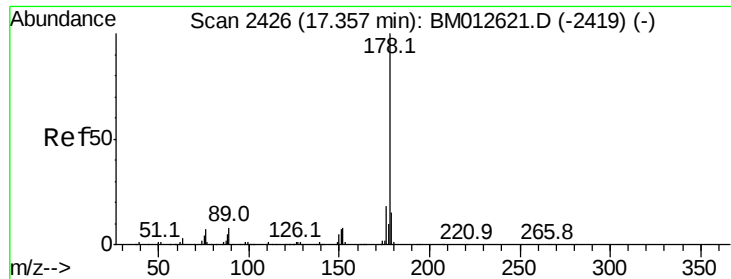
Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.6	19.0
176	19.5	14.9	22.3





#71

Anthracene

Concen: 2.469 ng/ul

RT: 17.36 min Scan# 2427

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

ClientSampleId :

B-35(2-3.8)-100417

Tot Ion:178 Resp: 320539

Ion Ratio Lower Upper

178 100

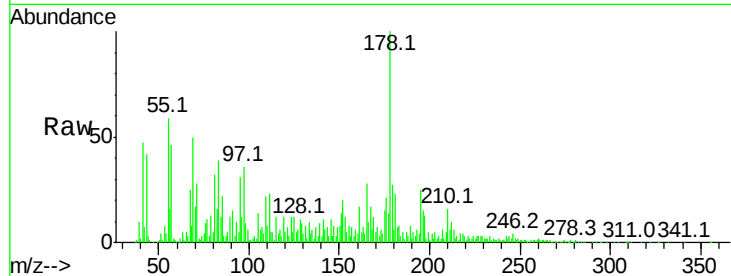
179 27.5 11.7 17.5#

176 20.7 14.6 21.8

Manual Integrations
APPROVED

Sohil

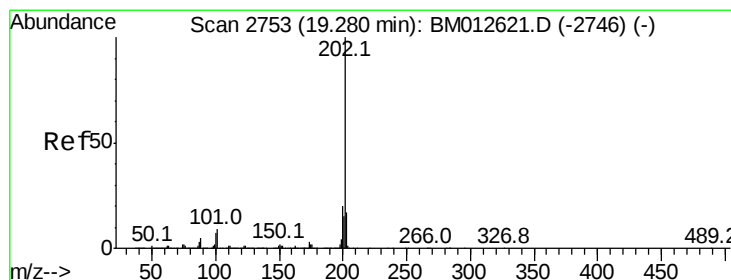
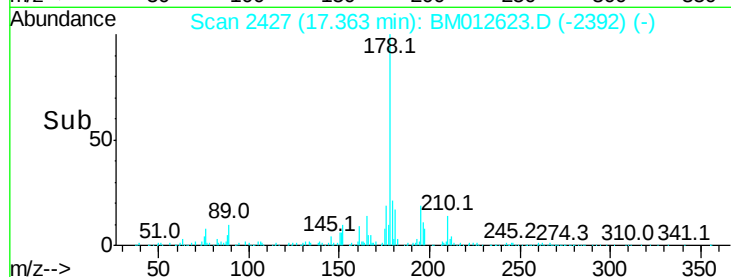
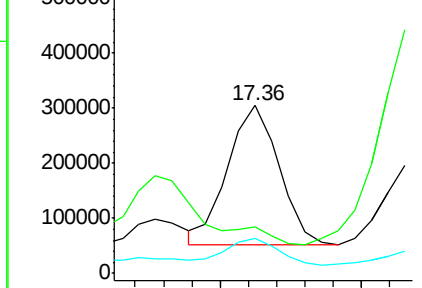
11/1/2017 4:58:25 PM



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: 4.737 ng/ul

RT: 19.29 min Scan# 2754

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

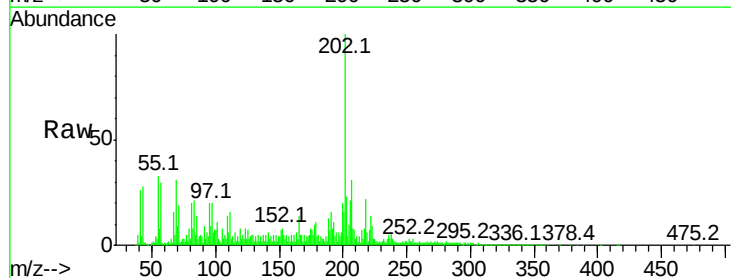
Tgt Ion:202 Resp: 674154

Ion Ratio Lower Upper

202 100

101 10.8 4.6 7.0#

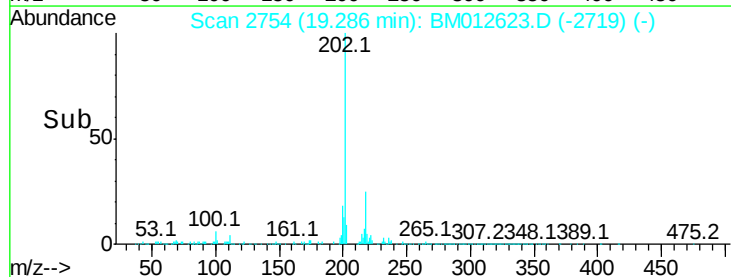
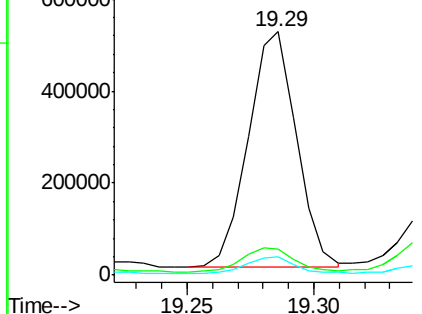
100 7.5 3.4 5.2#

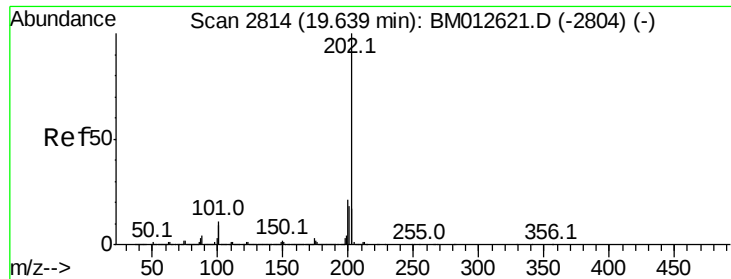


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





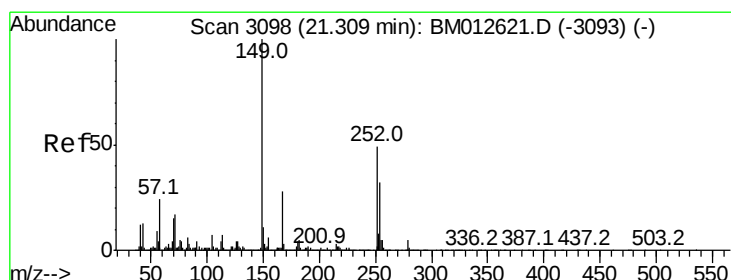
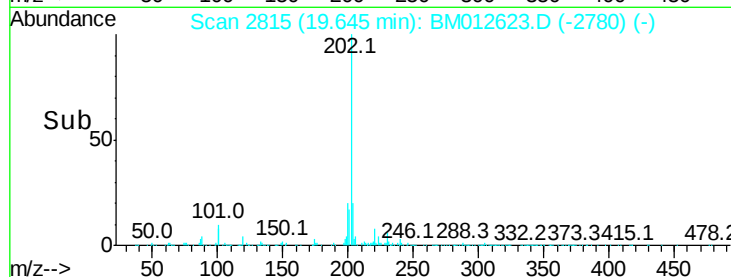
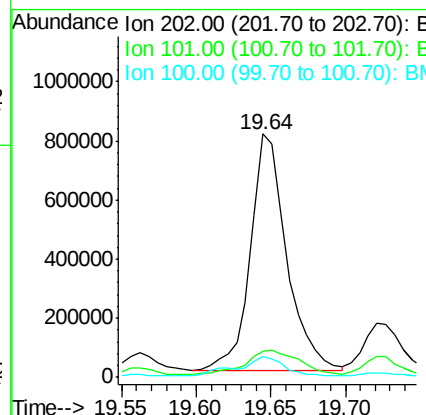
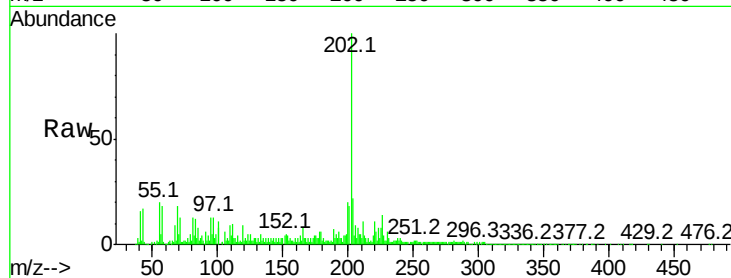
#77
Pvrene
Concen: 11.969 ng/ul
RT: 19.64 min Scan# 2815
Delta R.T. 0.01 min
Lab File: BM012623.D
Acq: 01 Nov 2017 03:44

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	5.1	7.7#
100	8.4	4.9	7.3#

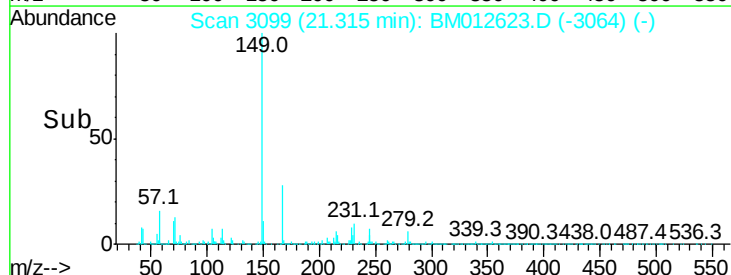
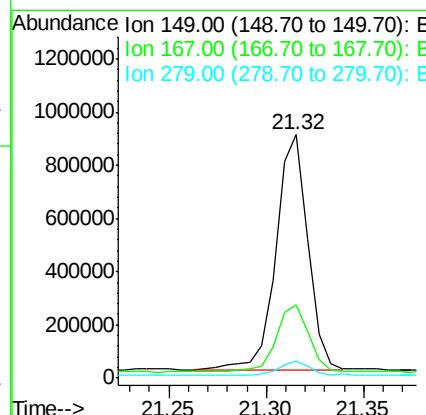
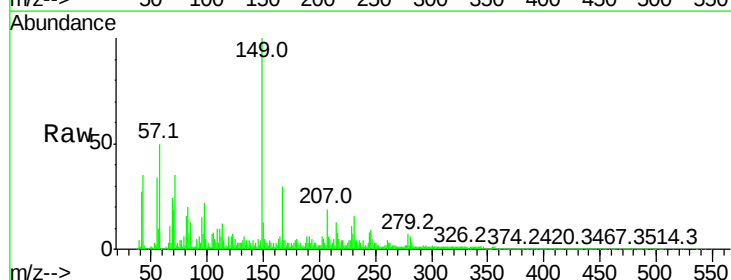
Manual Integrations
APPROVED

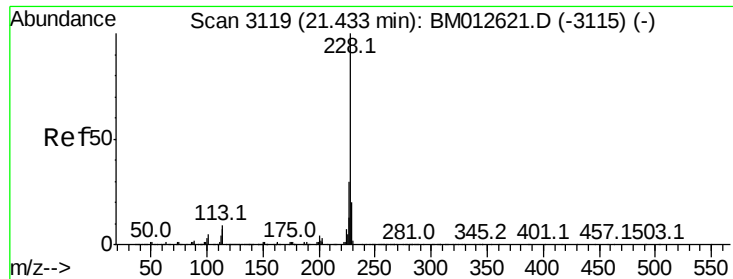
Sohil
11/1/2017 4:58:25 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 14.829 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BM012623.D
Acq: 01 Nov 2017 03:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.8	34.2
279	7.1	4.9	7.3





#82

Chrysene

Concen: 5.913 ng/ul

RT: 21.44 min Scan# 3120

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

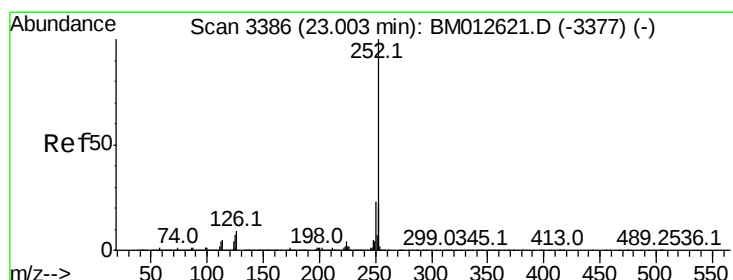
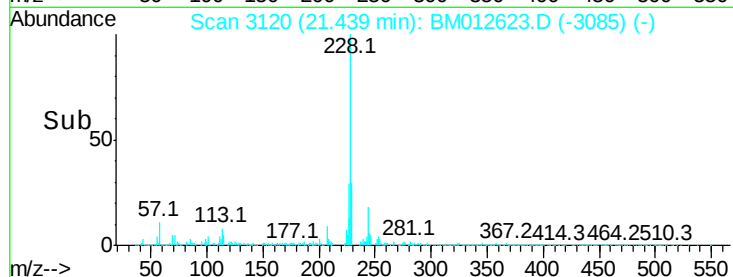
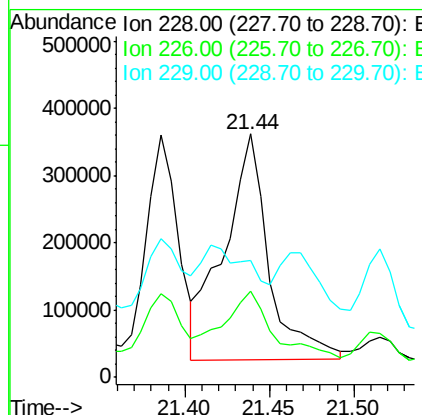
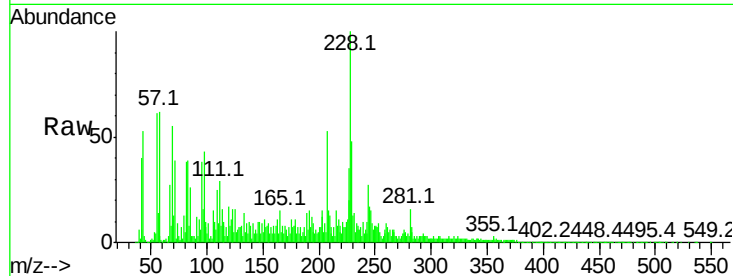
ClientSampleId :

B-35(2-3.8)-100417

Tot Ion:	228	Resp:	618607
Ion Ratio	Lower	Upper	
228	100		
226	35.2	23.4	35.2#
229	48.1	15.5	23.3#

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM



#85

Benzo(b)fluoranthene

Concen: 2.850 ng/ul

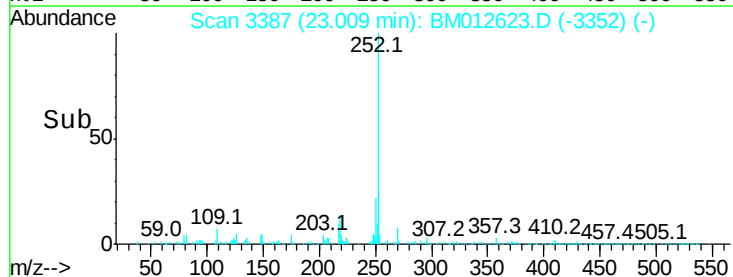
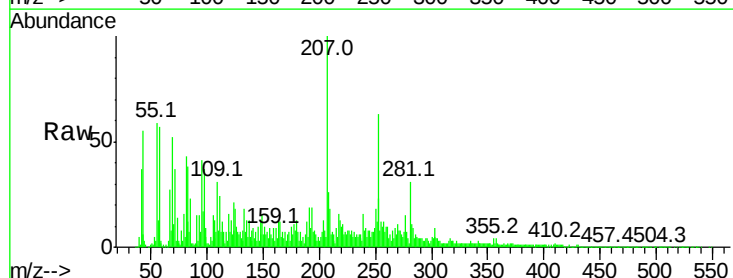
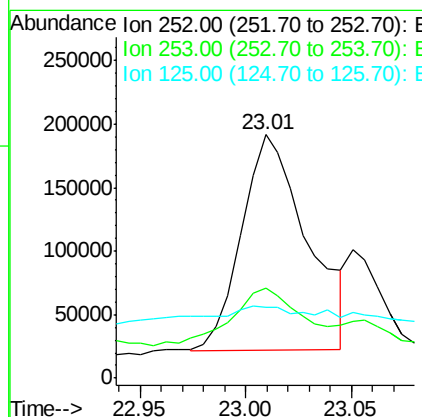
RT: 23.01 min Scan# 3387

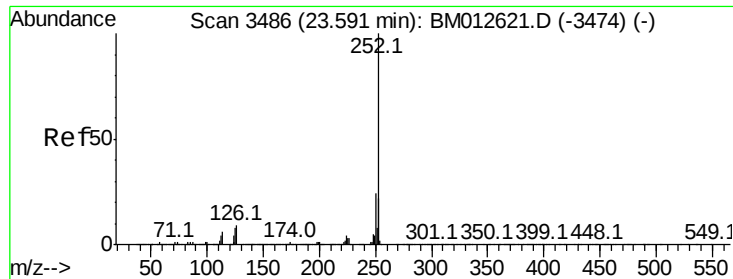
Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Tgt Ion:	252	Resp:	368543
Ion Ratio	Lower	Upper	
252	100		
253	37.1	17.9	26.9#
125	29.3	3.6	5.4#





#88

Benzo(a)pyrene

Concen: 2.637 ng/ul

RT: 23.60 min Scan# 3488

Delta R.T. 0.01 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Instrument :

BNA_M

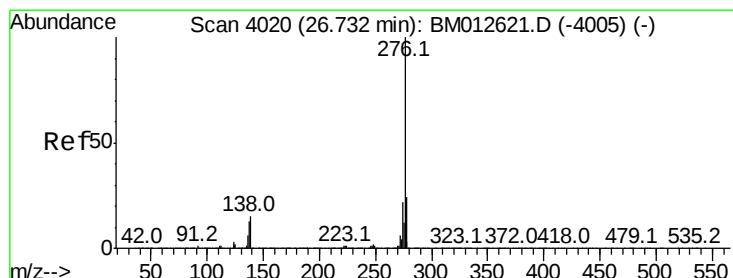
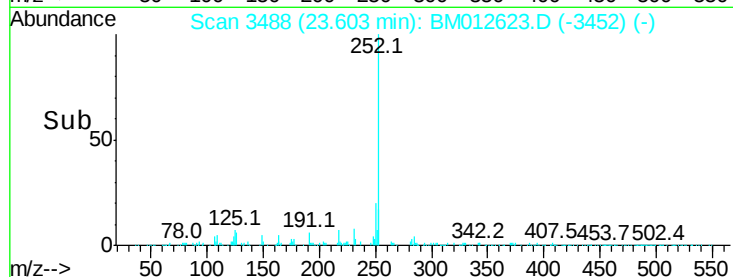
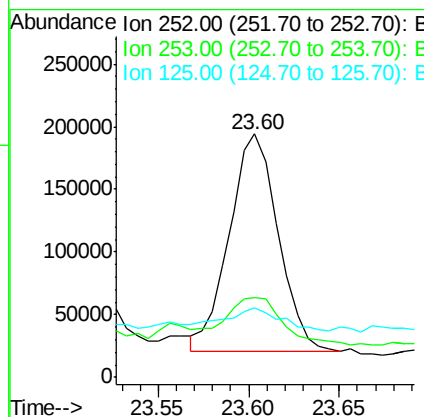
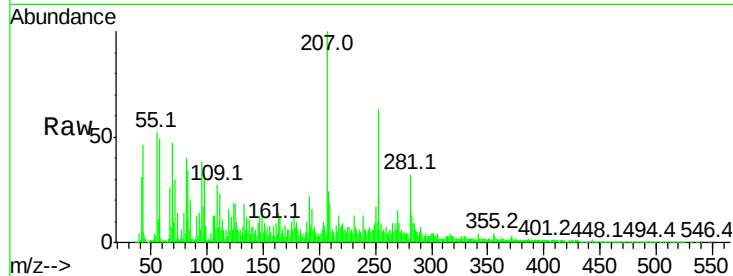
ClientSampleId :

B-35(2-3.8)-100417

Tot Ion:	252	Resp:	325101
Ion Ratio	Lower	Upper	
252	100		
253	32.6	18.2	27.2#
125	28.4	4.0	6.0#

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM



#91

Benzo(g,h,i)perylene

Concen: 2.122 ng/ul

RT: 26.76 min Scan# 4024

Delta R.T. 0.02 min

Lab File: BM012623.D

Acq: 01 Nov 2017 03:44

Tgt Ion:	276	Resp:	249498
Ion Ratio	Lower	Upper	
276	100		
138	22.1	8.5	12.7#
277	31.9	18.6	28.0#

