

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
 Data File : BM005635.D
 Acq On : 24 May 2016 07:20
 Operator : UM/SJ
 Sample : H3124-02RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGF9RE

Manual Integrations
 APPROVED

umangi
 5/24/2016 7:42:10 PM

Quant Time: May 24 13:49:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 06:55:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	230535	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	857005	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.47	164	366797	20.00	ng/ul	0.04
61) Phenanthrene-d10	17.23	188	620339	20.00	ng/ul	0.04
75) Chrysene-d12	21.40	240	528832	20.00	ng/ul	0.04
83) Perylene-d12	23.70	264	572276	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	17624	3.35	ng/uL	0.00
5) Phenol-d5	7.01	99	449864	23.81	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.15	67	284387	25.97	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	373095	23.67	ng/ul	0.02
13) 4-Methylphenol-d8	8.55	113	357643	23.10	ng/ul	0.03
19) Nitrobenzene-d5	8.98	128	185751	28.35	ng/ul	0.02
22) 2-Nitrophenol-d4	9.70	143	186643	25.88	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	357157	26.29	ng/ul	0.04
29) 4-Chloroaniline-d4	10.73	131	479951	35.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	792903	26.48	ng/ul	0.03
46) Acenaphthylene-d8	14.17	160	1003331	26.80	ng/ul	0.04
51) 4-Nitrophenol-d4	14.71	143	139806	24.69	ng/ul	0.05
57) Fluorene-d10	15.47	176	622312	23.89	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	15.57	200	38914	10.91	ng/ul	0.02
70) Anthracene-d10	17.32	188	786782	26.63	ng/ul	0.04
76) Pyrene-d10	19.61	212	763809	31.89	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.56	264	662320	24.79	ng/ul	0.06

Target Compounds

						Qvalue
44) Dimethylphthalate	13.92	163	182944	6.18	ng/ul#	76
47) Acenaphthylene	14.20	152	178870m	4.70	ng/ul	
49) Acenaphthene	14.54	153	115116	4.59	ng/ul#	86
58) Fluorene	15.53	166	192644	6.72	ng/ul#	80
69) Phenanthrene	17.27	178	676231	19.50	ng/ul#	90
71) Anthracene	17.36	178	195884	5.54	ng/ul#	76
74) Fluoranthene	19.28	202	715558	18.34	ng/ul	99
77) Pyrene	19.64	202	1199405	39.45	ng/ul	98
80) Benzo(a)anthracene	21.38	228	335020	10.78	ng/ul#	74
81) Bis(2-ethylhexyl)phthalate	21.29	149	157542	8.71	ng/ul#	87
82) Chrysene	21.43	228	465217	15.73	ng/ul#	83
85) Benzo(b)fluoranthene	23.01	252	492301	14.58	ng/ul#	68
86) Benzo(k)fluoranthene	23.04	252	156527m	4.90	ng/ul	
88) Benzo(a)pyrene	23.61	252	504578	15.41	ng/ul#	84
89) Indeno(1,2,3-cd)pyrene	26.06	276	319818	8.22	ng/ul#	91
91) Benzo(g,h,i)perylene	26.79	276	337312	10.32	ng/ul#	84

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

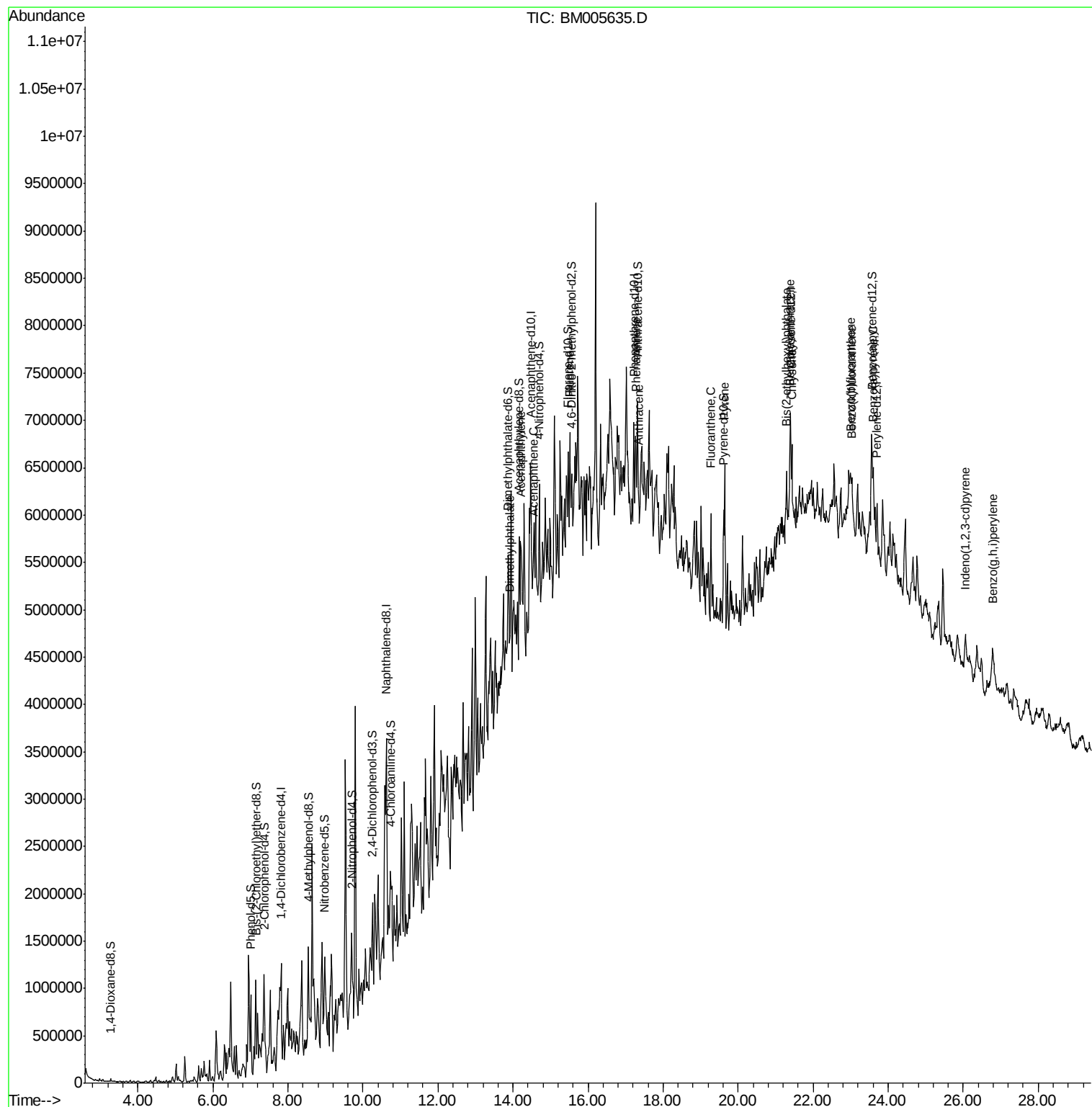
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005635.D
Acq On : 24 May 2016 07:20
Operator : UM/SJ
Sample : H3124-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

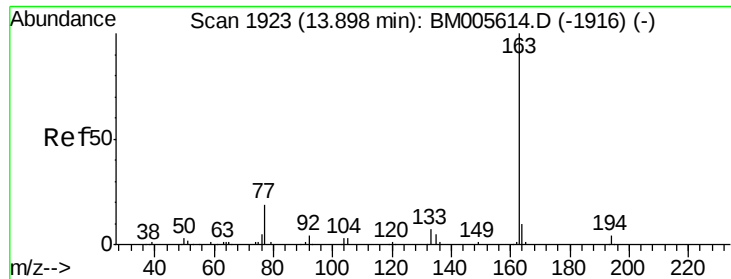
Instrument :
BNA_M
ClientSampleId :
JHGF9RE

Manual Integrations
APPROVED

umangi
5/24/2016 7:42:10 PM

Quant Time: May 24 13:49:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 6.18 ng/ul

RT: 13.92 min Scan# 1926

Delta R.T. 0.02 min

Lab File: BM005635.D

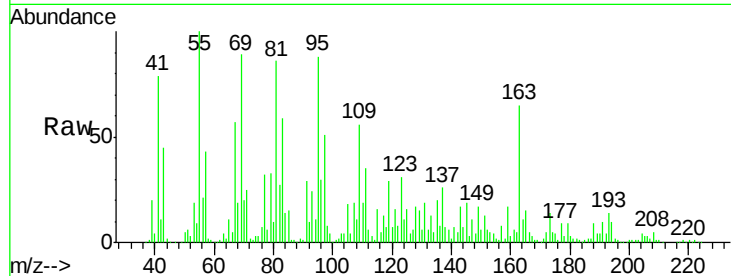
Acq: 24 May 2016 07:20

Instrument :

BNA_M

ClientSampleId :

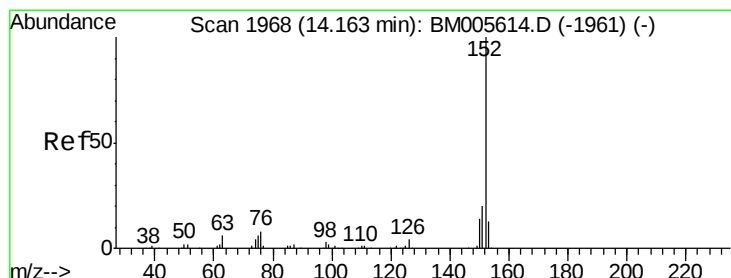
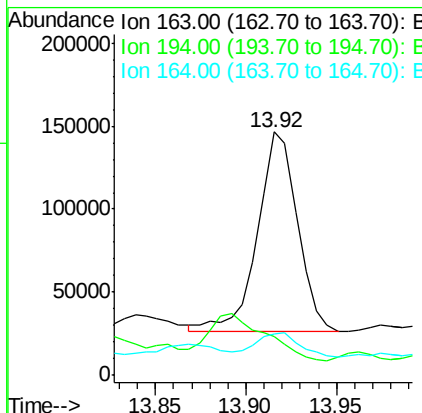
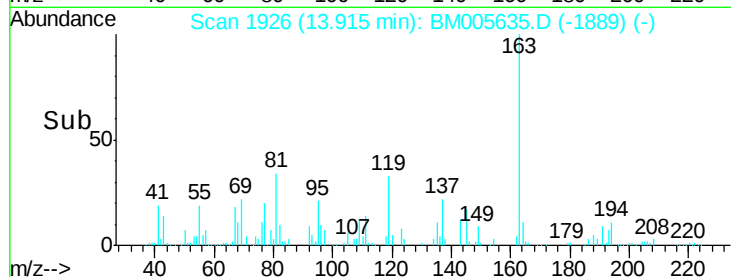
JHGF9RE



Tgt Ion	Ratio	Resp	Lower	Upper
163	100	182944		
194	16.2	3.4	5.0#	
164	17.1	8.0	12.0#	

Manual Integrations
APPROVED

umangi
5/24/2016 7:42:10 PM



#47

Acenaphthylene

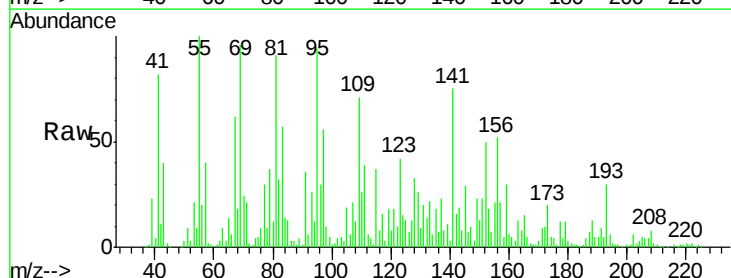
Concen: 4.70 ng/ul m

RT: 14.20 min Scan# 1974

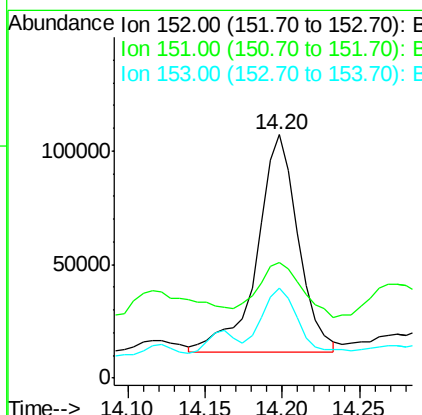
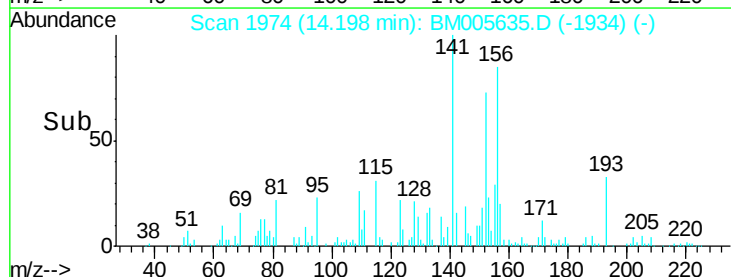
Delta R.T. 0.04 min

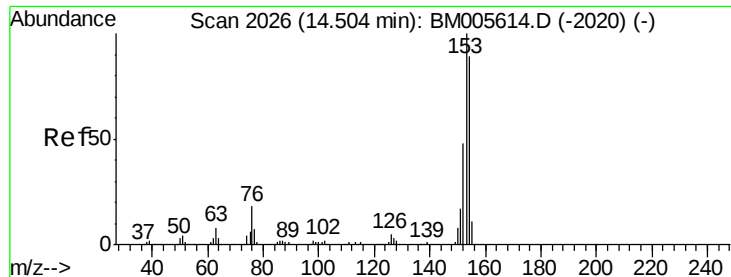
Lab File: BM005635.D

Acq: 24 May 2016 07:20



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	178870		
151	47.3	15.7	23.5#	
153	37.0	10.5	15.7#	





#49

Acenaphthene

Concen: 4.59 ng/ul

RT: 14.54 min Scan# 2032

Delta R.T. 0.04 min

Lab File: BM005635.D

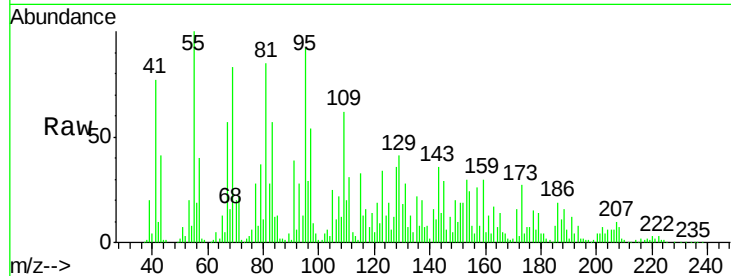
Acq: 24 May 2016 07:20

Instrument :

BNA_M

ClientSampleId :

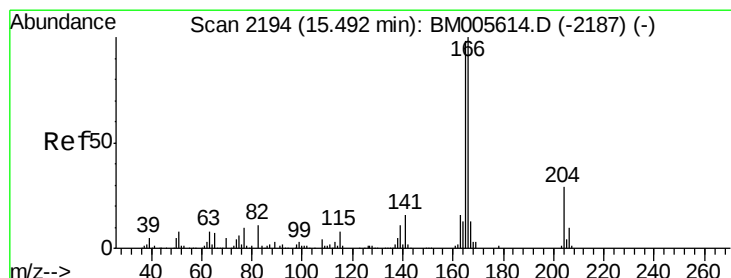
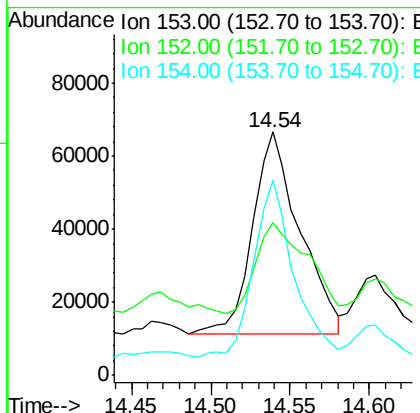
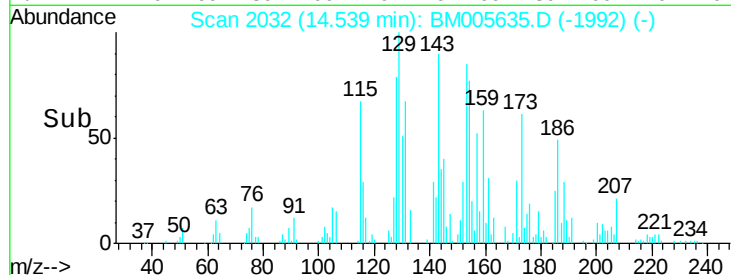
JHGF9RE



Tgt Ion	Ratio	Resp	Lower	Upper
153	100	115116		
152	62.7	37.8	56.6#	
154	80.0	71.1	106.7	

Manual Integrations
APPROVED

umangi
5/24/2016 7:42:10 PM



#58

Fluorene

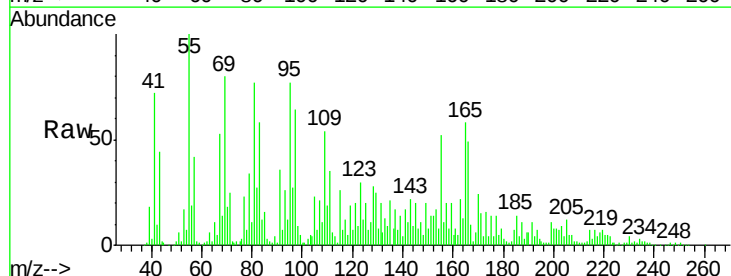
Concen: 6.72 ng/ul

RT: 15.53 min Scan# 2200

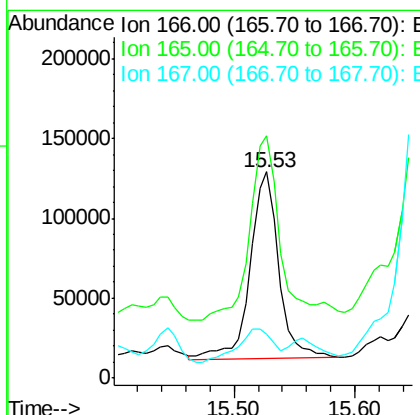
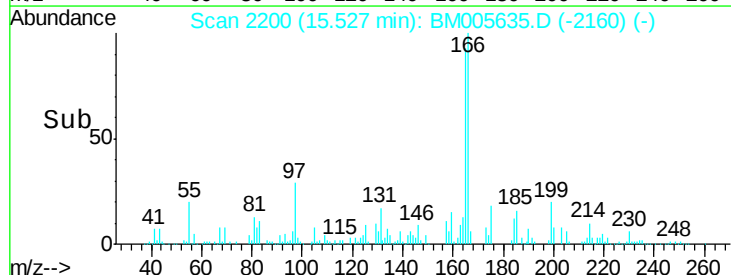
Delta R.T. 0.04 min

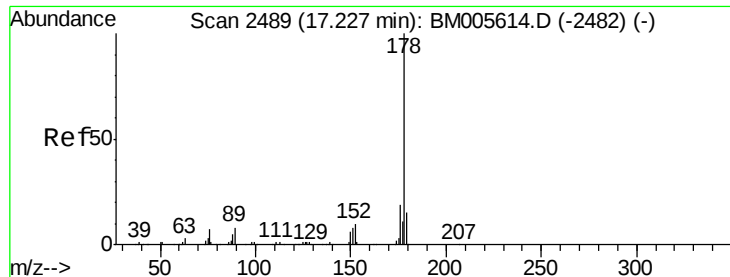
Lab File: BM005635.D

Acq: 24 May 2016 07:20



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	192644		
165	117.5	78.0	117.0#	
167	21.3	10.5	15.7#	





#69

Phenanthrene

Concen: 19.50 ng/ul

RT: 17.27 min Scan# 2496

Delta R.T. 0.04 min

Lab File: BM005635.D

Acq: 24 May 2016 07:20

Instrument :

BNA_M

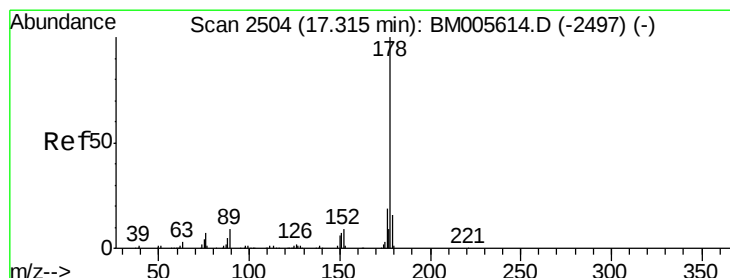
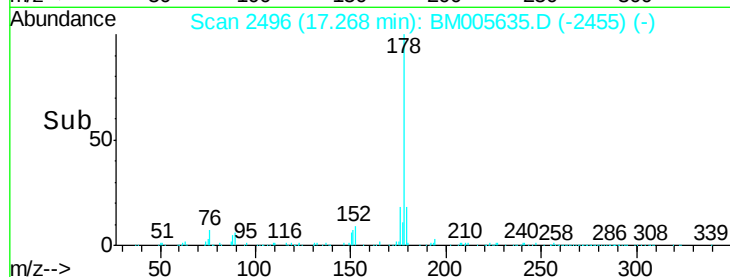
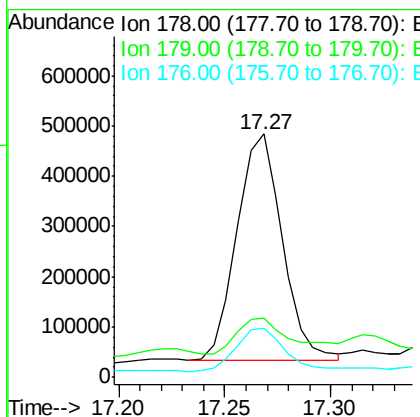
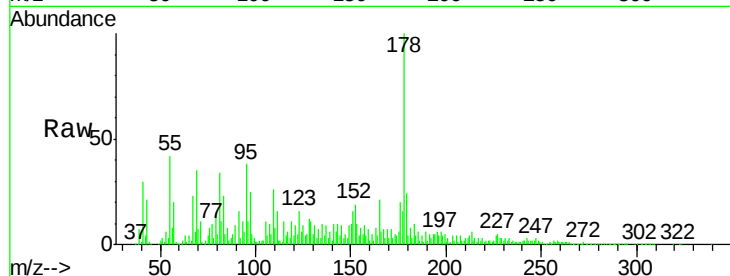
ClientSampleId :

JHGF9RE

Tgt Ion:	178	Resp:	676231
Ion Ratio		Lower	Upper
178	100		
179	24.4	12.2	18.2#
176	20.4	15.8	23.6

Manual Integrations
APPROVED

umangi
5/24/2016 7:42:10 PM



#71

Anthracene

Concen: 5.54 ng/ul

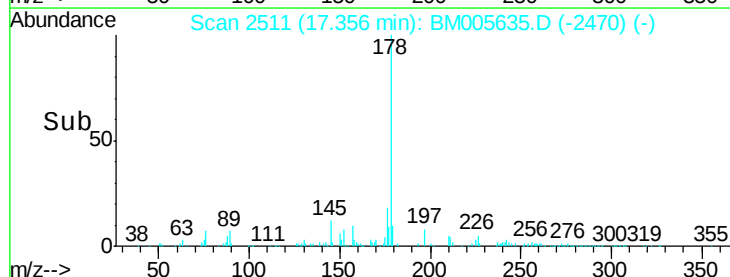
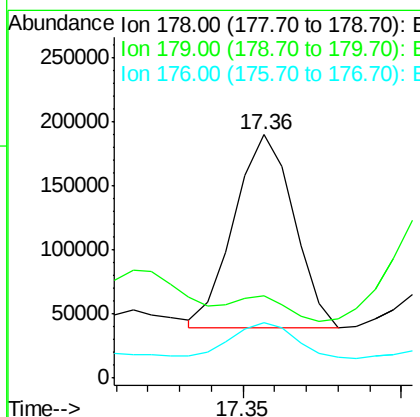
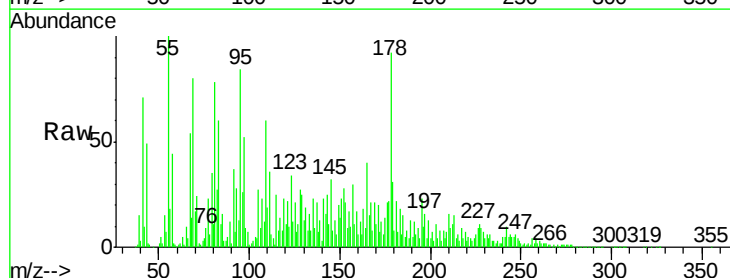
RT: 17.36 min Scan# 2511

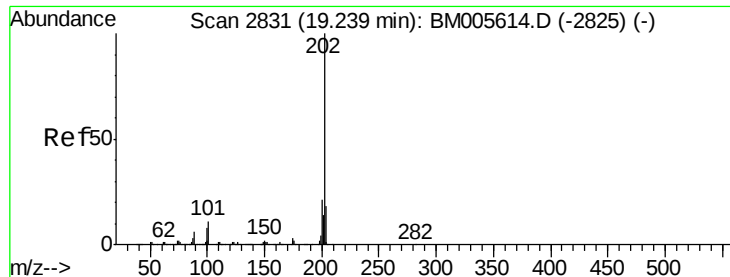
Delta R.T. 0.04 min

Lab File: BM005635.D

Acq: 24 May 2016 07:20

Tgt Ion:	178	Resp:	195884
Ion Ratio		Lower	Upper
178	100		
179	33.6	12.6	18.8#
176	22.6	15.0	22.4#





#74

Fluoranthene

Concen: 18.34 ng/ul

RT: 19.28 min Scan# 2838

Delta R.T. 0.04 min

Lab File: BM005635.D

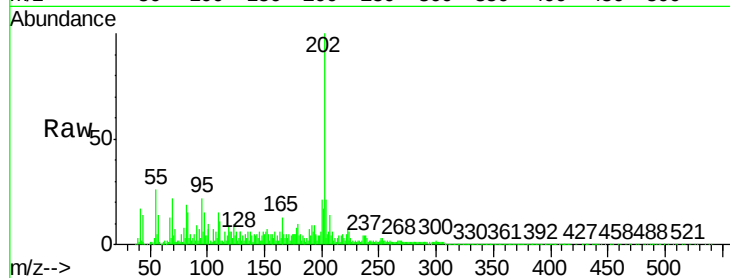
Acq: 24 May 2016 07:20

Instrument :

BNA_M

ClientSampleId :

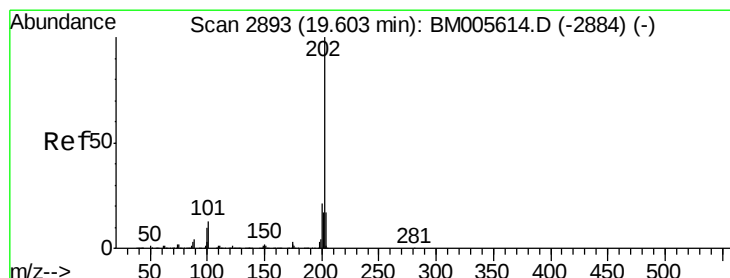
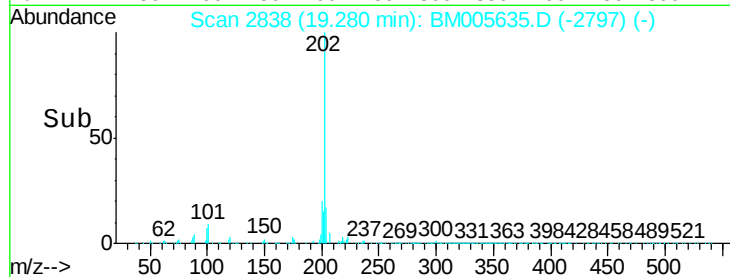
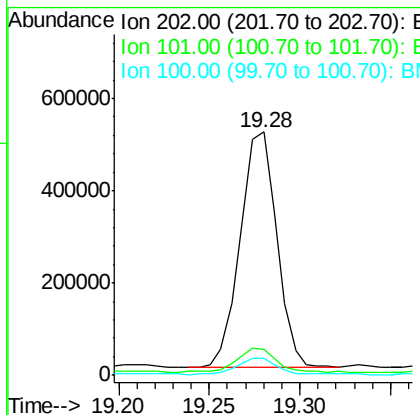
JHGF9RE



Tgt Ion:	202	Resp:	715558
Ion Ratio	Lower	Upper	
202	100		
101	10.5	7.9	11.9
100	7.0	5.6	8.4

Manual Integrations
APPROVED

umangi
5/24/2016 7:42:10 PM



#77

Pyrene

Concen: 39.45 ng/ul

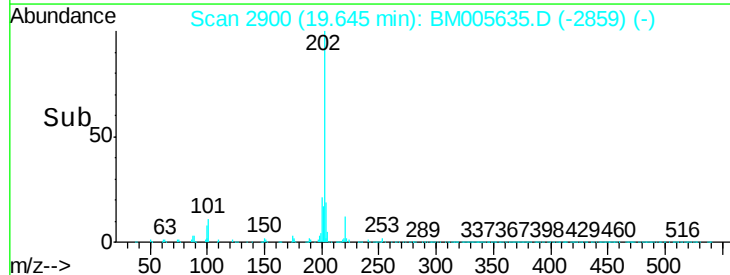
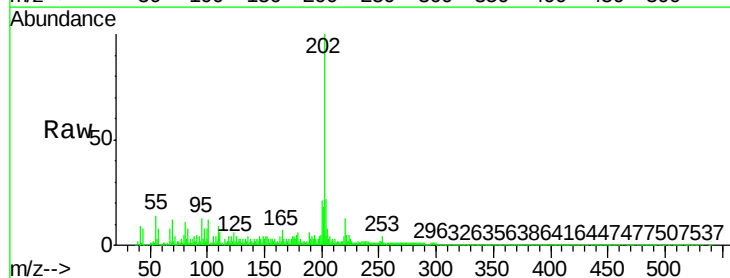
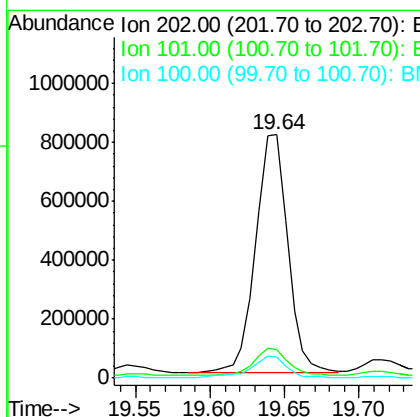
RT: 19.64 min Scan# 2900

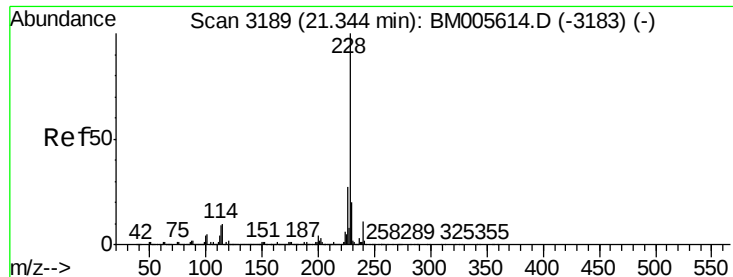
Delta R.T. 0.04 min

Lab File: BM005635.D

Acq: 24 May 2016 07:20

Tgt Ion:	202	Resp:	1199405
Ion Ratio	Lower	Upper	
202	100		
101	11.8	9.6	14.4
100	8.4	7.8	11.6





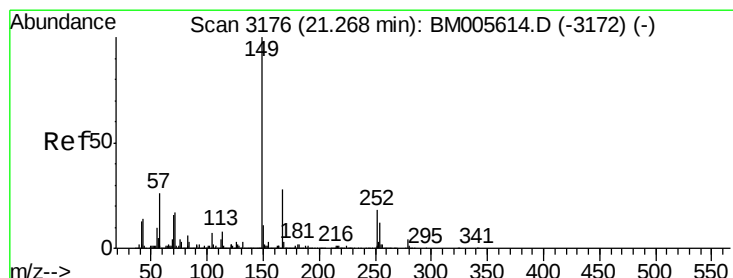
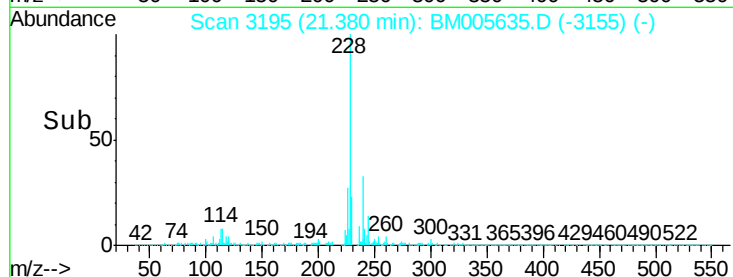
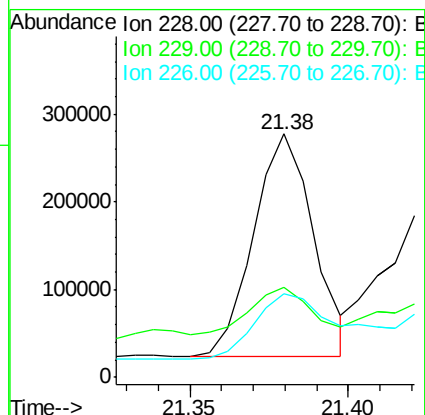
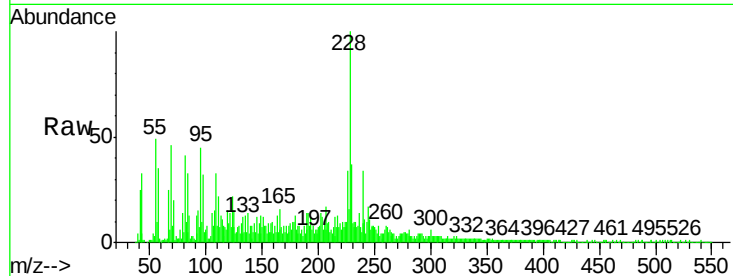
#80
Benzo(a)anthracene
Concen: 10.78 ng/ul
RT: 21.38 min Scan# 3195
Delta R.T. 0.04 min
Lab File: BM005635.D
Acq: 24 May 2016 07:20

Instrument :
BNA_M
ClientSampleId :
JHGF9RE

Tgt Ion	Ratio	Lower	Upper
228	100		
229	36.9	15.4	23.2#
226	34.3	21.0	31.4#

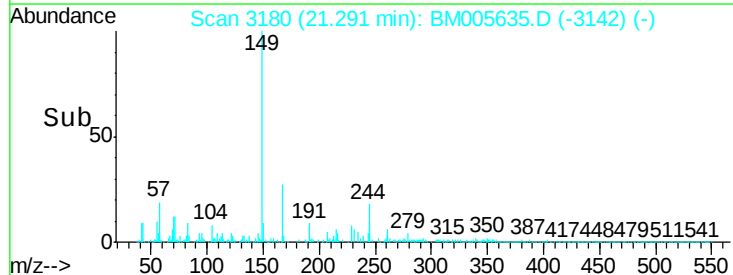
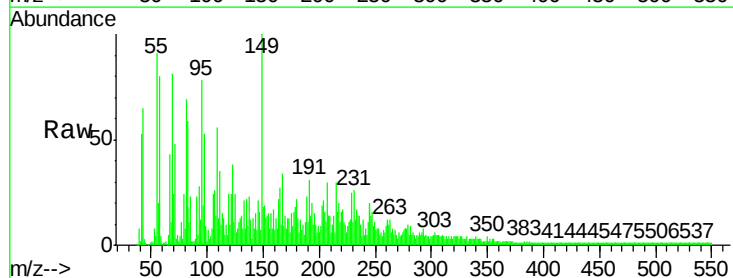
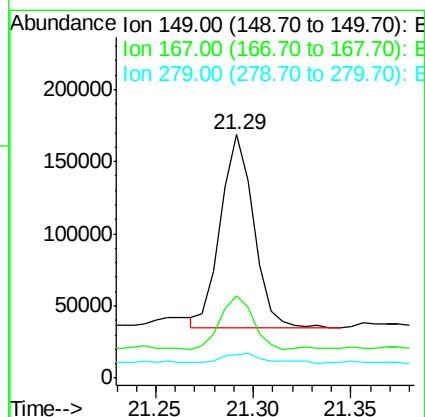
Manual Integrations
APPROVED

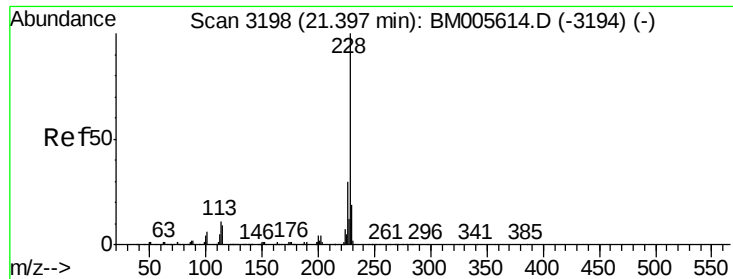
umangi
5/24/2016 7:42:10 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 8.71 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.02 min
Lab File: BM005635.D
Acq: 24 May 2016 07:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	33.8	22.0	33.0#
279	9.8	3.8	5.8#





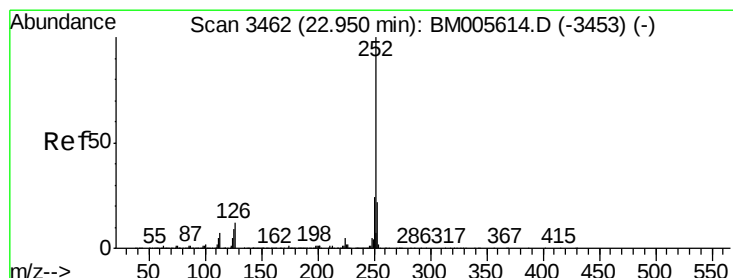
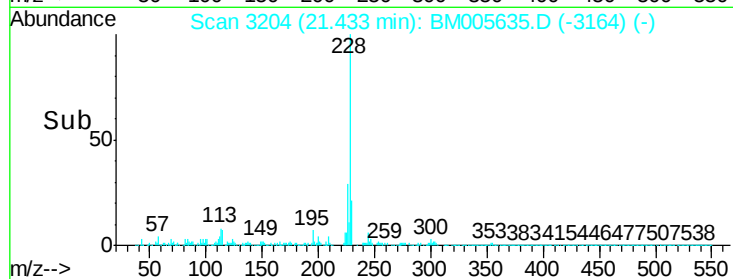
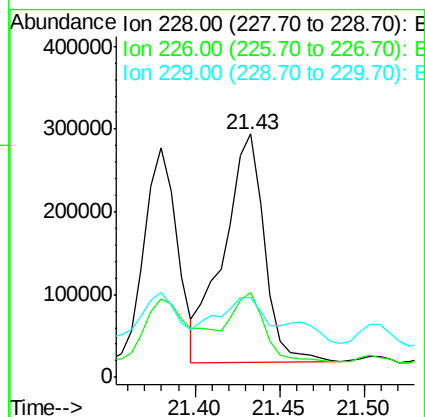
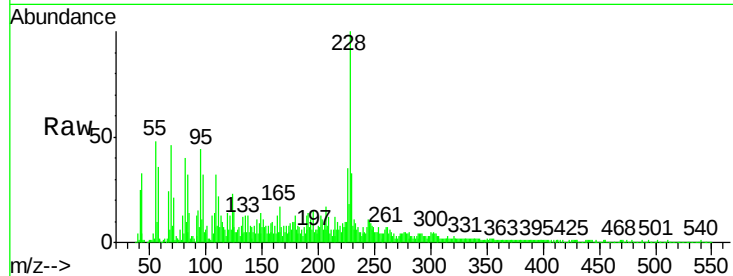
#82
Chrysene
Concen: 15.73 ng/ul
RT: 21.43 min Scan# 3204
Delta R.T. 0.04 min
Lab File: BM005635.D
Acq: 24 May 2016 07:20

Instrument :
BNA_M
ClientSampleId :
JHGF9RE

Tgt Ion:	228	Resp:	465217
Ion Ratio	Lower	Upper	
228	100		
226	34.8	23.7	35.5
229	32.5	15.5	23.3#

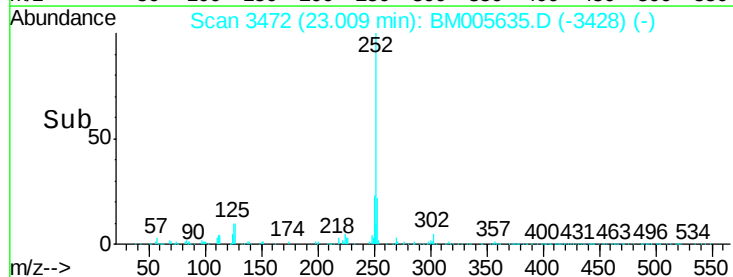
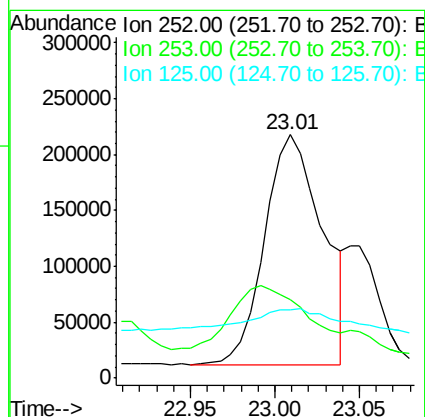
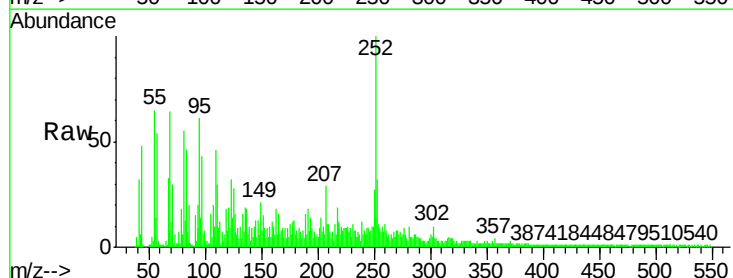
Manual Integrations
APPROVED

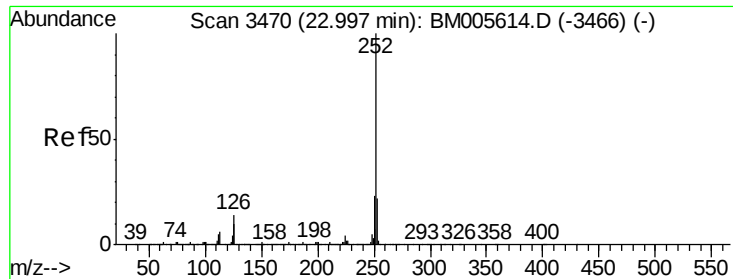
umangi
5/24/2016 7:42:10 PM



#85
Benzo(b)fluoranthene
Concen: 14.58 ng/ul
RT: 23.01 min Scan# 3472
Delta R.T. 0.06 min
Lab File: BM005635.D
Acq: 24 May 2016 07:20

Tgt Ion:	252	Resp:	492301
Ion Ratio	Lower	Upper	
252	100		
253	32.3	17.3	25.9#
125	28.2	7.0	10.4#





#86

Benzo(k)fluoranthene

Concen: 4.90 ng/ul m

RT: 23.04 min Scan# 3478

Delta R.T. 0.05 min

Lab File: BM005635.D

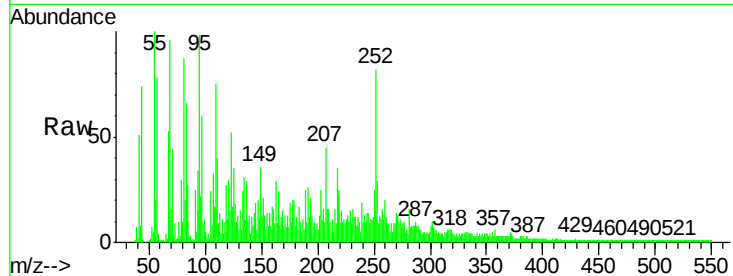
Acq: 24 May 2016 07:20

Instrument :

BNA_M

ClientSampleId :

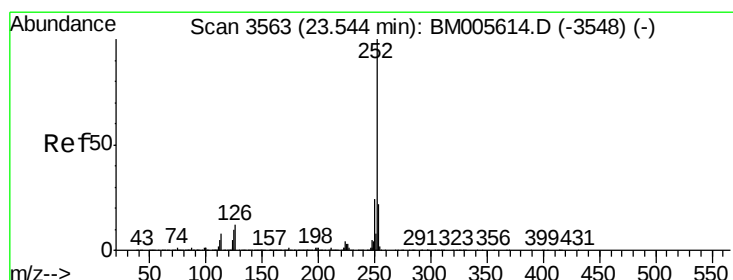
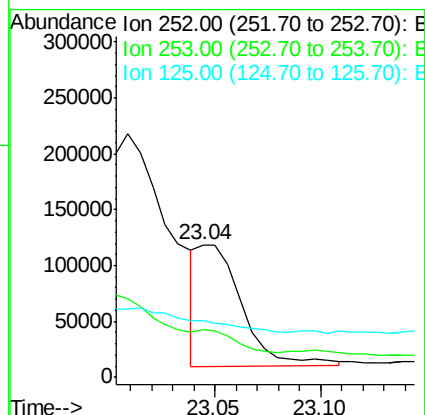
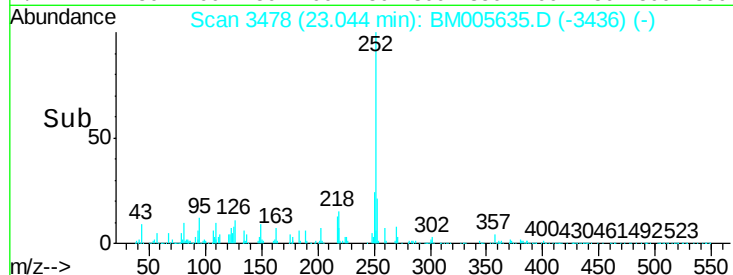
JHGF9RE



Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.8	17.5	26.3#
125	43.1	7.0	10.6#

Manual Integrations
APPROVED

umangi
5/24/2016 7:42:10 PM



#88

Benzo(a)pyrene

Concen: 15.41 ng/ul

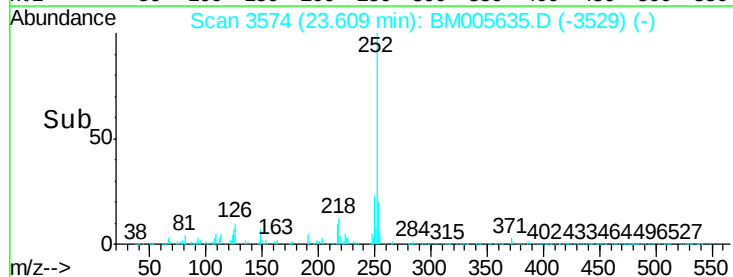
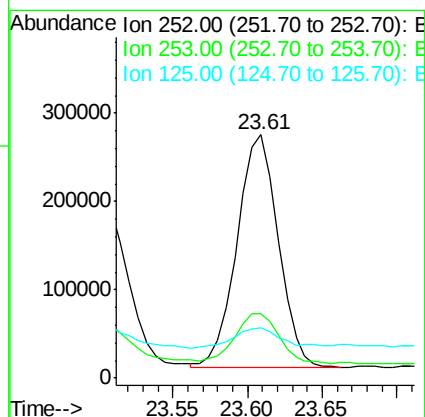
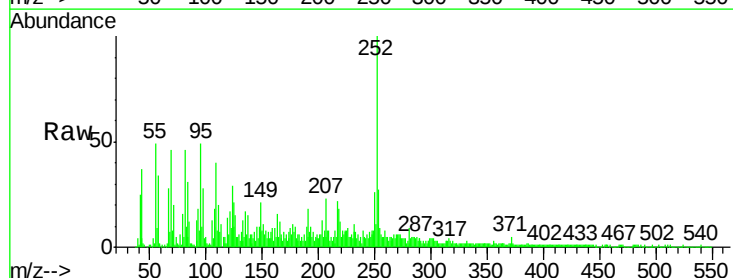
RT: 23.61 min Scan# 3574

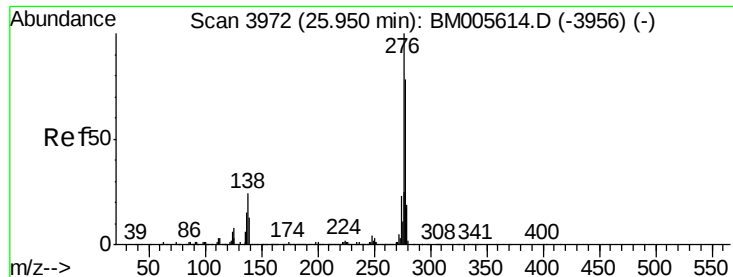
Delta R.T. 0.06 min

Lab File: BM005635.D

Acq: 24 May 2016 07:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.6	26.4#
125	20.7	7.6	11.4#





#89

Indeno(1,2,3-cd)pyrene

Concen: 8.22 ng/ul

RT: 26.06 min Scan# 3991

Delta R.T. 0.11 min

Lab File: BM005635.D

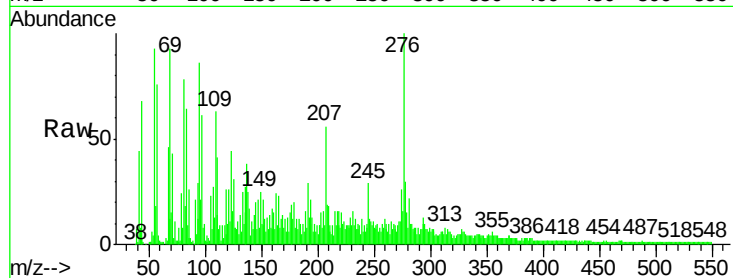
Acq: 24 May 2016 07:20

Instrument :

BNA_M

ClientSampleId :

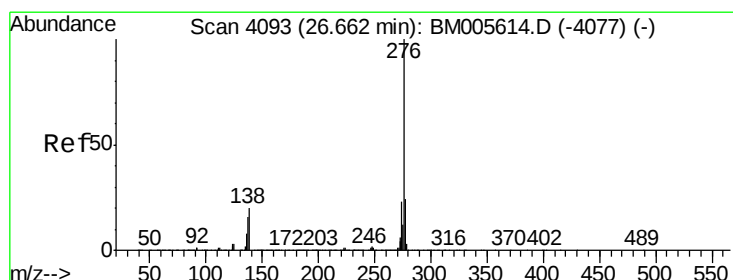
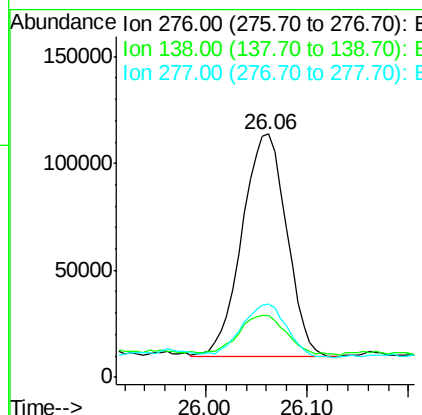
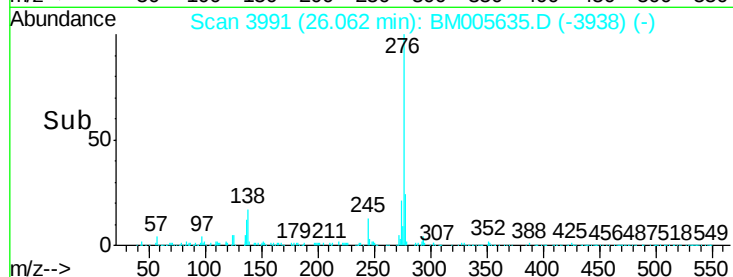
JHGF9RE



Tgt Ion:	276	Resp:	319818
Ion Ratio	Lower	Upper	
276	100		
138	25.5	16.9	25.3#
277	30.0	20.2	30.4

Manual Integrations
APPROVED

umangi
5/24/2016 7:42:10 PM



#91

Benzo(g,h,i)perylene

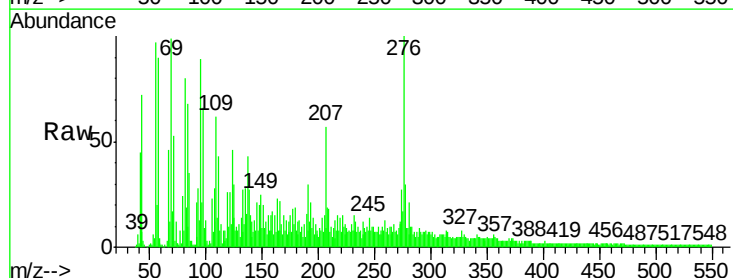
Concen: 10.32 ng/ul

RT: 26.79 min Scan# 4114

Delta R.T. 0.12 min

Lab File: BM005635.D

Acq: 24 May 2016 07:20



Tgt Ion:	276	Resp:	337312
Ion Ratio	Lower	Upper	
276	100		
138	26.7	15.0	22.6#
277	30.2	18.6	28.0#

