

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
 Data File : BM007452.D
 Acq On : 07 Sep 2016 23:06
 Operator : UM/SJ
 Sample : H4666-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3A5

Manual Integrations
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Quant Time: Sep 08 05:33:59 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 08 03:10:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	246702	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1220215	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	832892	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2058285	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2492053	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2205987	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	6084	1.26	ng/uL	0.00
5) Phenol-d5	6.96	99	219598	9.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	154715	12.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	193846	11.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	185222	9.11	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	118126	13.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	118311	11.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	218990	10.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	33044	1.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	830129	11.55	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1130832	13.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	13644	1.01	ng/ul	0.01
57) Fluorene-d10	15.42	176	838297	13.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	78360	6.05	ng/ul	0.00
70) Anthracene-d10	17.27	188	1329120	13.82	ng/ul	0.00
76) Pyrene-d10	19.56	212	1599818	15.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	1253652	12.34	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	6.94	77	39550	2.98	ng/ul	94
28) Naphthalene	10.63	128	197557	3.26	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	179076	3.61	ng/ul	98
44) Dimethylphthalate	13.88	163	487438	6.81	ng/ul	99
53) Dibenzofuran	14.82	168	180255	2.16	ng/ul	97
69) Phenanthrene	17.21	178	780240	7.06	ng/ul	99
71) Anthracene	17.30	178	123112	1.08	ng/ul	95
74) Fluoranthene	19.23	202	1111375	8.01	ng/ul	99
77) Pyrene	19.59	202	758349	5.67	ng/ul	99
80) Benzo(a)anthracene	21.33	228	480461m	3.27	ng/ul	
82) Chrysene	21.39	228	1335286m	10.03	ng/ul	
85) Benzo(b)fluoranthene	22.94	252	1297841	9.95	ng/ul	98
86) Benzo(k)fluoranthene	22.98	252	297802m	2.47	ng/ul	
88) Benzo(a)pyrene	23.52	252	252393	2.02	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.90	276	220996	1.44	ng/ul	94
91) Benzo(g,h,i)perylene	26.61	276	176894	1.36	ng/ul	95

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

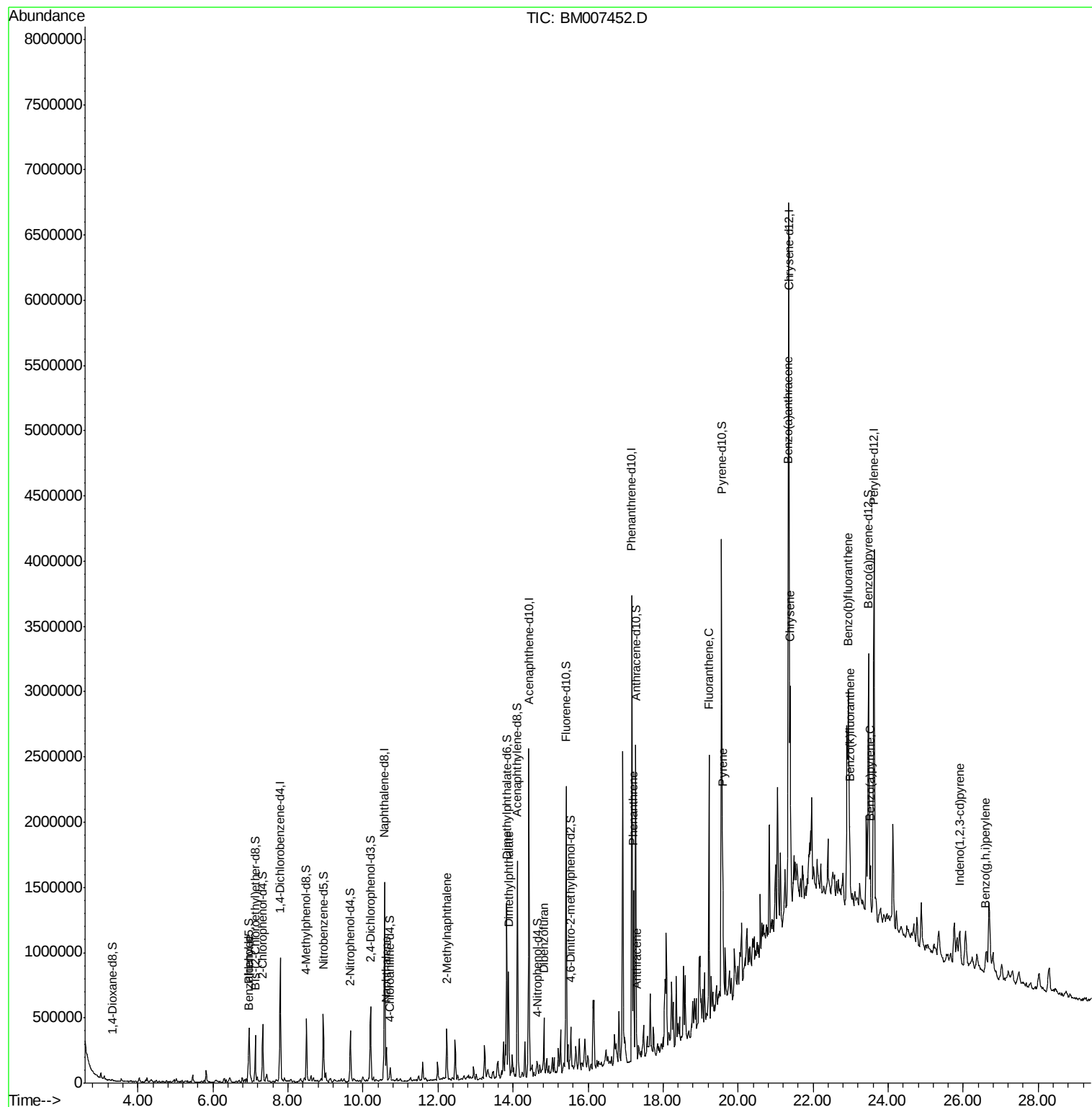
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007452.D
Acq On : 07 Sep 2016 23:06
Operator : UM/SJ
Sample : H4666-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

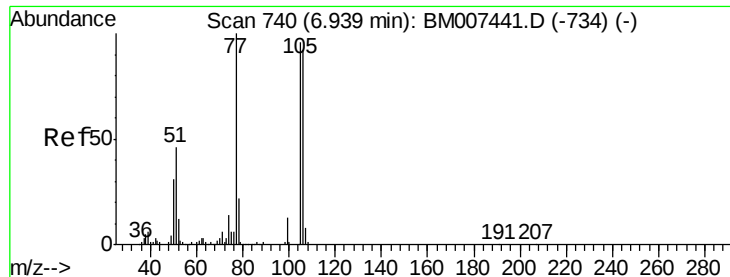
Instrument :
BNA_M
ClientSampleId :
BD3A5

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Quant Time: Sep 08 05:33:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 08 03:10:54 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.98 ng/ul

RT: 6.94 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM007452.D

Acq: 07 Sep 2016 23:06

Instrument :

BNA_M

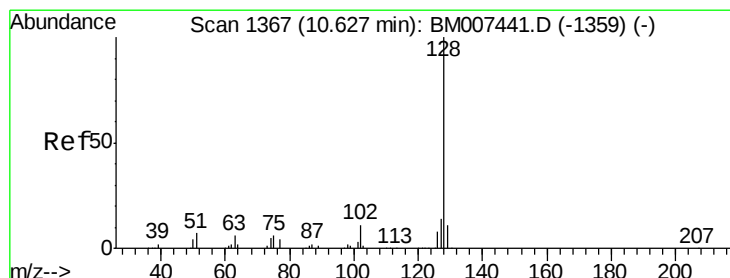
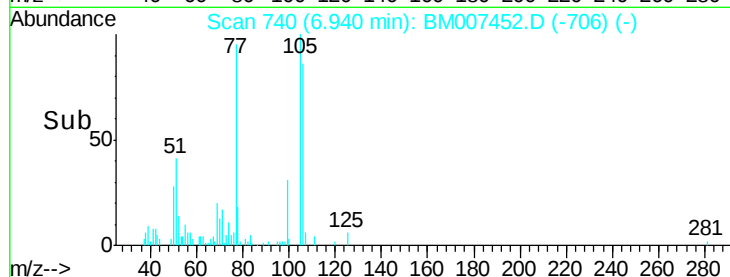
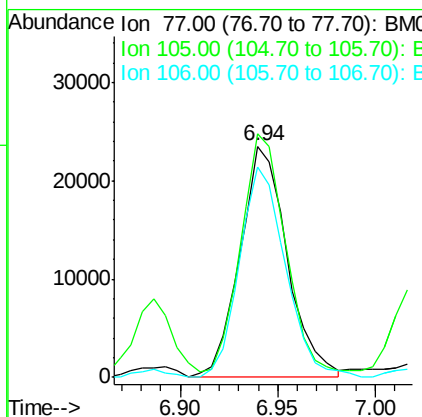
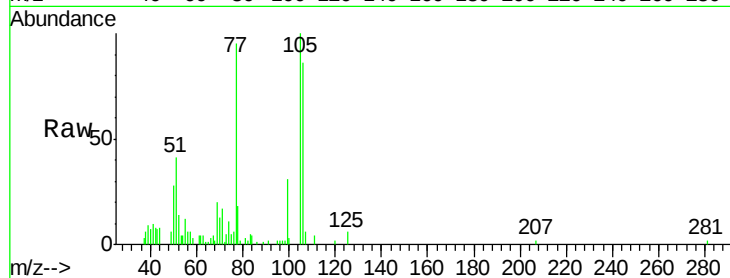
ClientSampleId :

BD3A5

Tgt Ion:	77	Resp:	39550
Ion Ratio	Lower	Upper	
77	100		
105	105.4	76.9	115.3
106	91.2	71.8	107.8

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#28

Naphthalene

Concen: 3.26 ng/ul

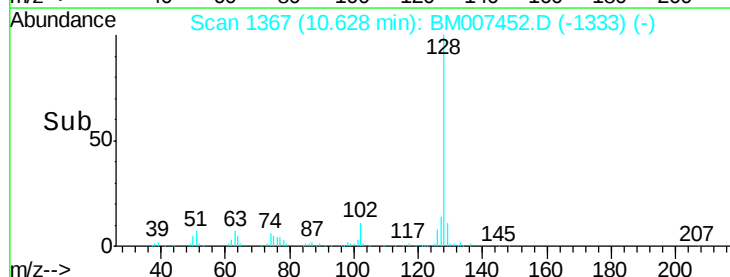
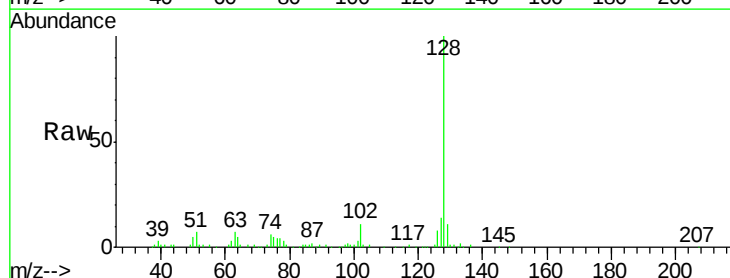
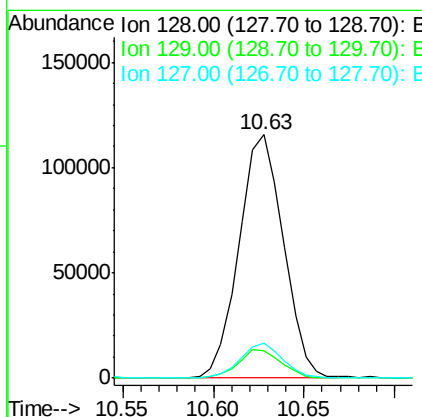
RT: 10.63 min Scan# 1367

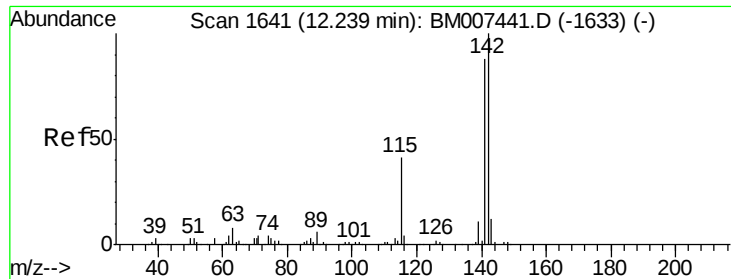
Delta R.T. 0.00 min

Lab File: BM007452.D

Acq: 07 Sep 2016 23:06

Tgt Ion:	128	Resp:	197557
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	12.8
127	14.4	10.6	15.8





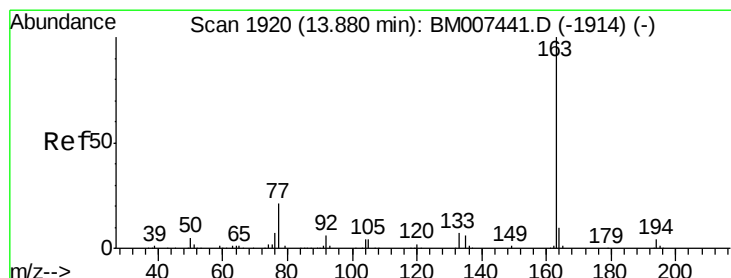
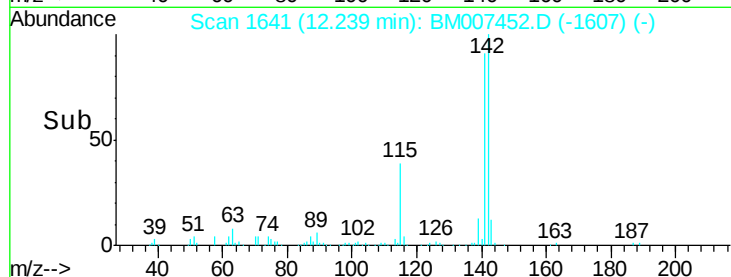
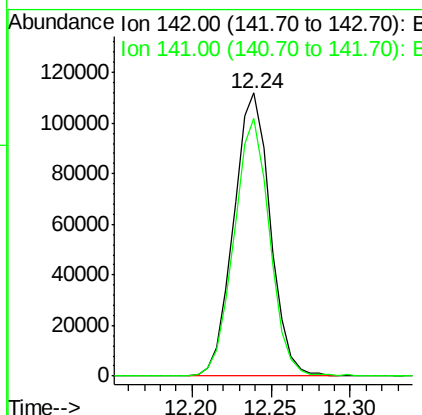
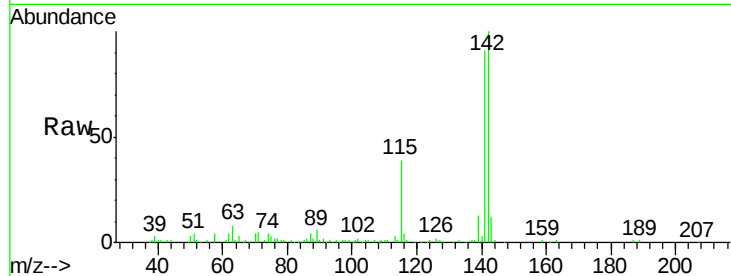
#34
 2-Methylnaphthalene
 Concen: 3.61 ng/ul
 RT: 12.24 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BM007452.D
 Acq: 07 Sep 2016 23:06

Instrument :
 BNA_M
 ClientSampleId :
 BD3A5

Tgt Ion:142 Resp: 179076
 Ion Ratio Lower Upper
 142 100
 141 91.2 71.3 106.9

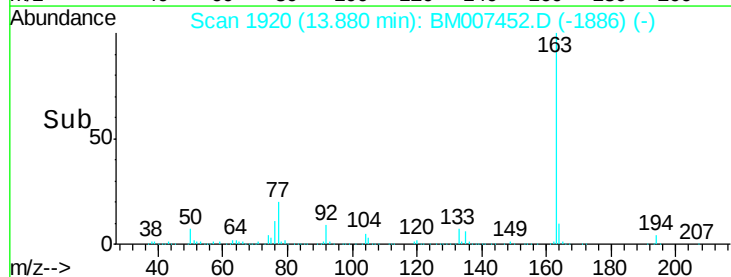
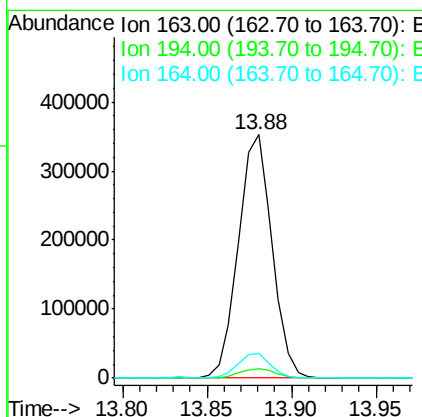
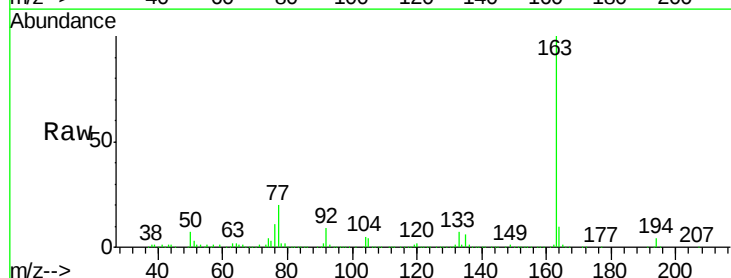
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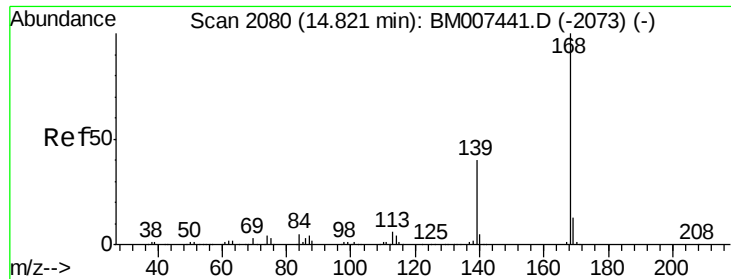
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#44
 Dimethylphthalate
 Concen: 6.81 ng/ul
 RT: 13.88 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BM007452.D
 Acq: 07 Sep 2016 23:06

Tgt Ion:163 Resp: 487438
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.4 5.2
 164 10.1 7.8 11.8





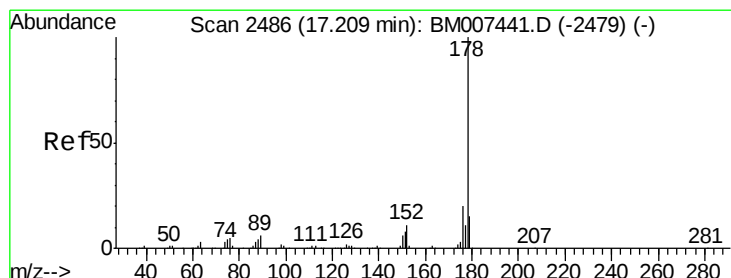
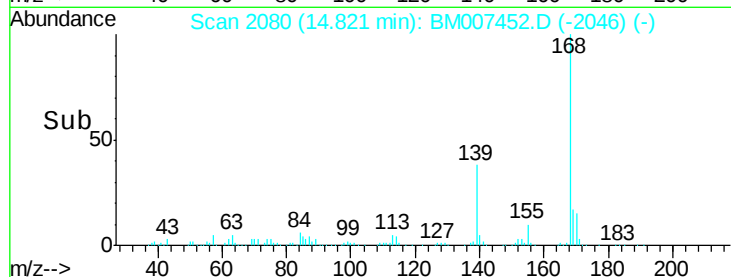
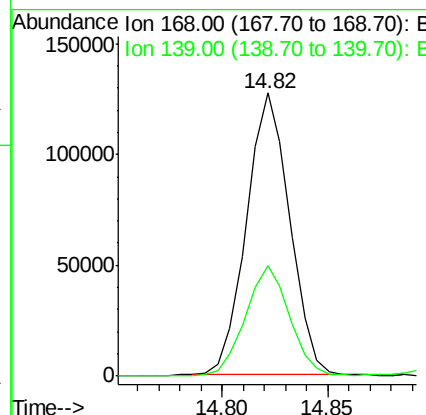
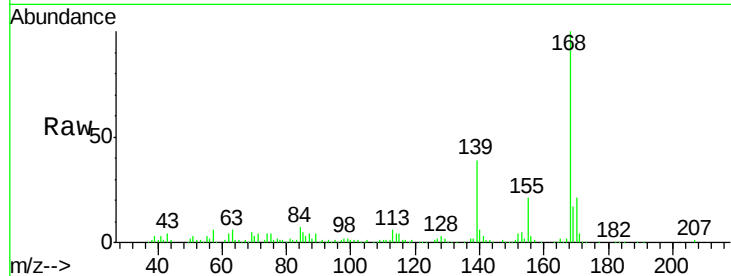
#53
Dibenzenofuran
Concen: 2.16 ng/ul
RT: 14.82 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BM007452.D
Acq: 07 Sep 2016 23:06

Instrument :
BNA_M
ClientSampleId :
BD3A5

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1

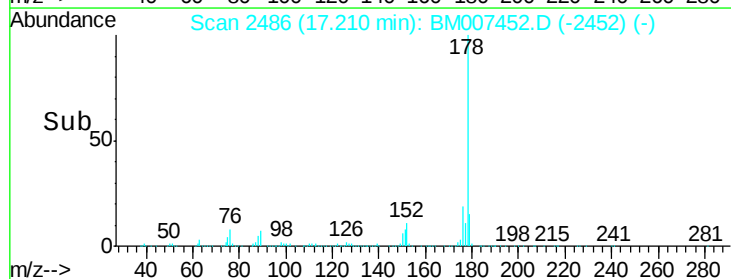
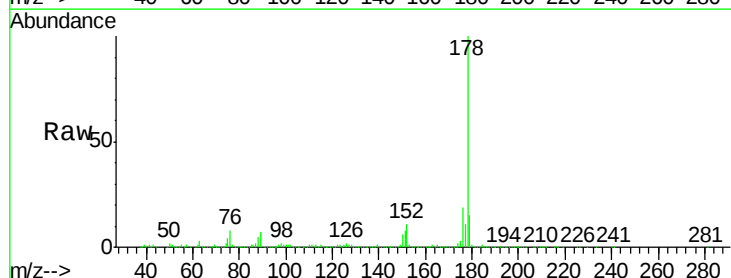
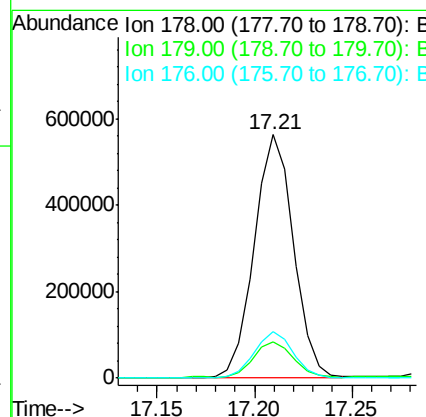
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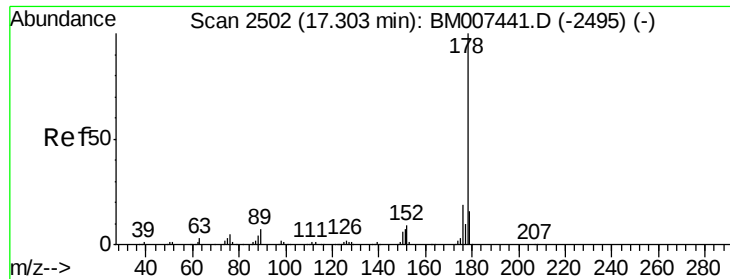
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#69
Phenanthrene
Concen: 7.06 ng/ul
RT: 17.21 min Scan# 2486
Delta R.T. 0.00 min
Lab File: BM007452.D
Acq: 07 Sep 2016 23:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.2
176	19.2	15.1	22.7





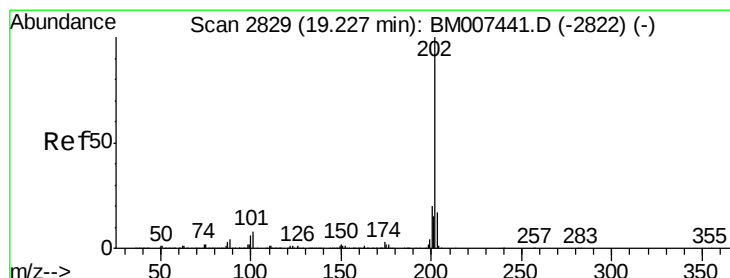
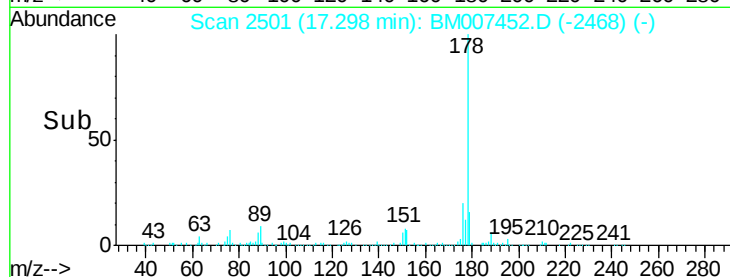
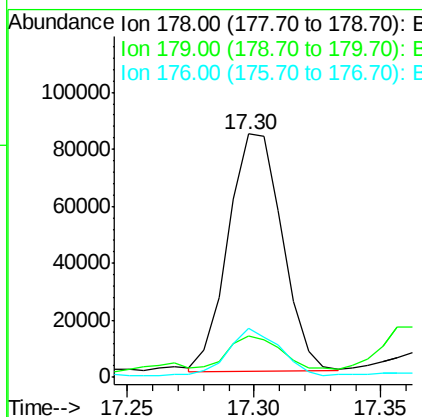
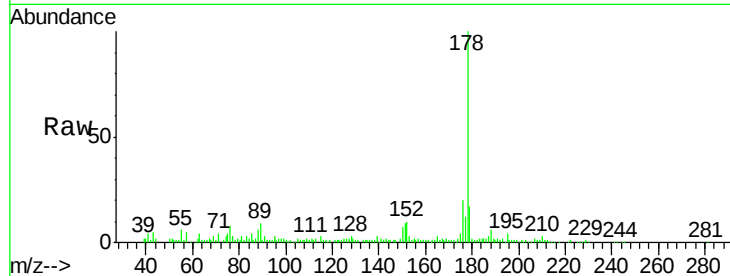
#71
 Anthracene
 Concen: 1.08 ng/ul
 RT: 17.30 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BM007452.D
 Acq: 07 Sep 2016 23:06

Instrument :
 BNA_M
 ClientSampleId :
 BD3A5

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	123112		
179	17.0	12.1	18.1	
176	20.3	14.5	21.7	

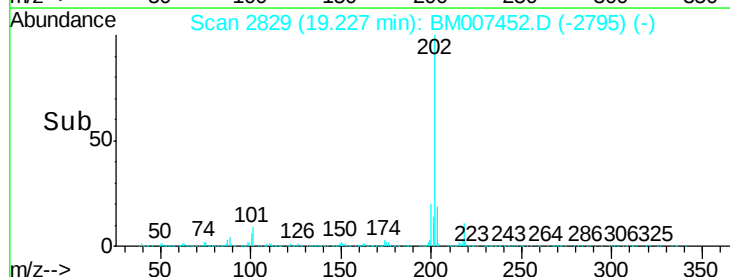
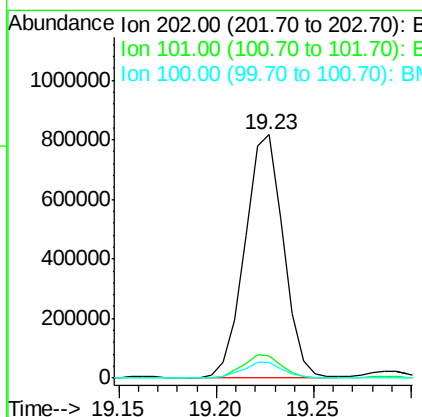
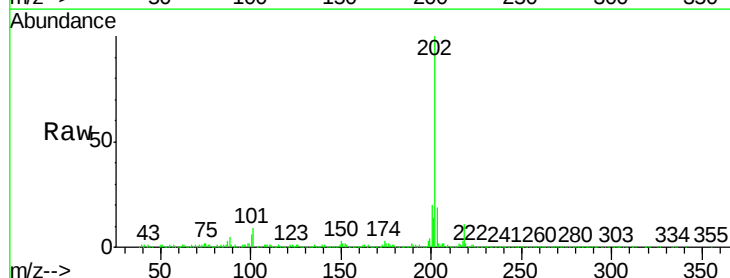
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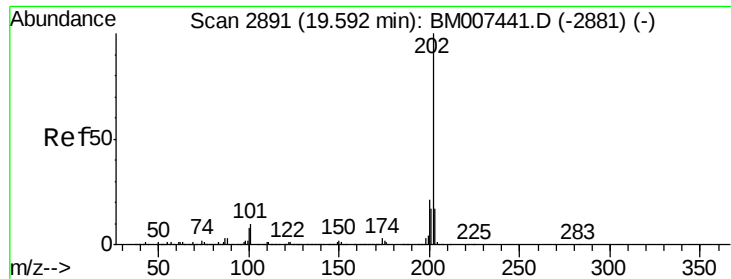
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#74
 Fluoranthene
 Concen: 8.01 ng/ul
 RT: 19.23 min Scan# 2829
 Delta R.T. 0.00 min
 Lab File: BM007452.D
 Acq: 07 Sep 2016 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1111375		
101	9.1	6.9	10.3	
100	6.2	5.4	8.0	





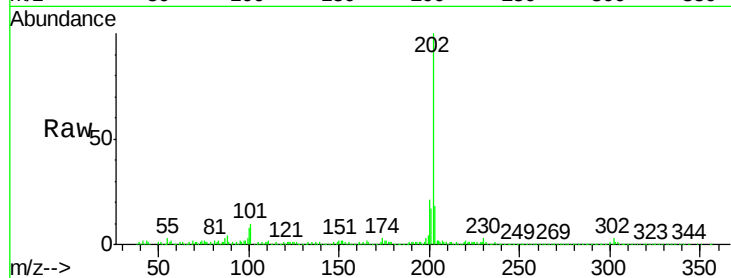
#77
 Pyrene
 Concen: 5.67 ng/ul
 RT: 19.59 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BM007452.D
 Acq: 07 Sep 2016 23:06

Instrument :
 BNA_M
 ClientSampleId :
 BD3A5

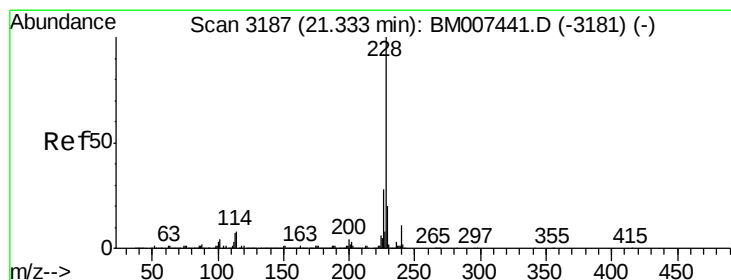
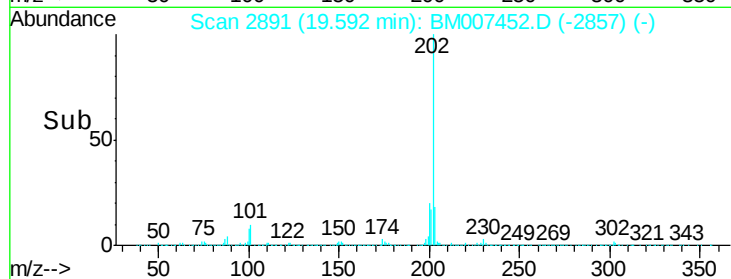
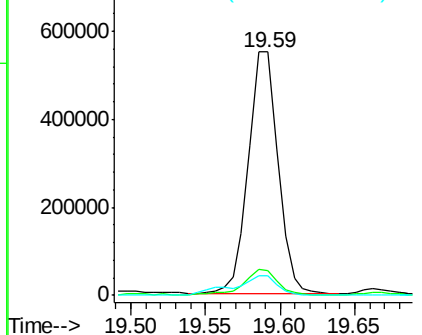
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.3	8.4	12.6
100	8.2	6.9	10.3

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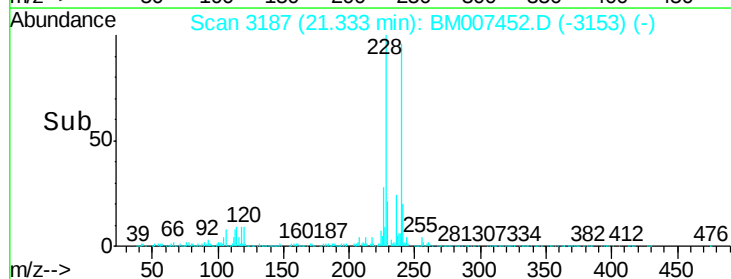
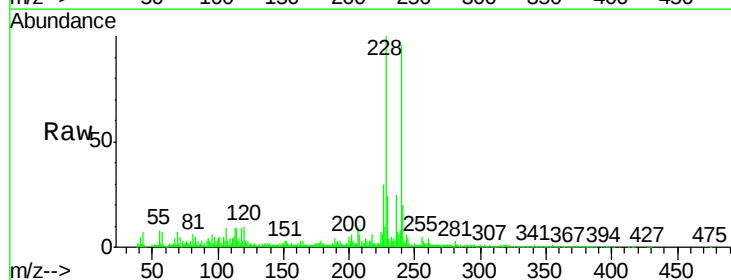
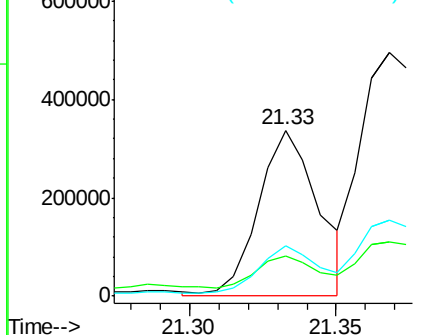
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 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

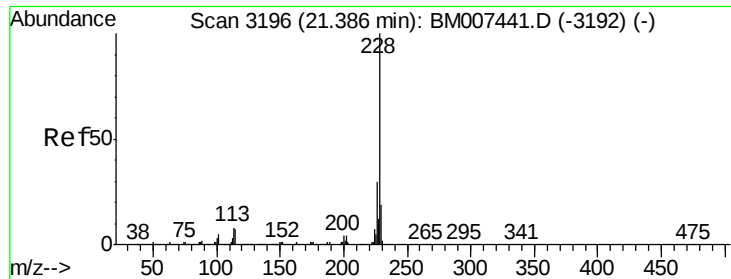


#80
 Benzo(a)anthracene
 Concen: 3.27 ng/ul m
 RT: 21.33 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: BM007452.D
 Acq: 07 Sep 2016 23:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.1	15.6	23.4#
226	30.3	21.8	32.8

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 10.03 ng/ul m

RT: 21.39 min Scan# 3196

Delta R.T. 0.00 min

Lab File: BM007452.D

Acq: 07 Sep 2016 23:06

Instrument :

BNA_M

ClientSampleId :

BD3A5

Tgt Ion:228 Resp: 1335286

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

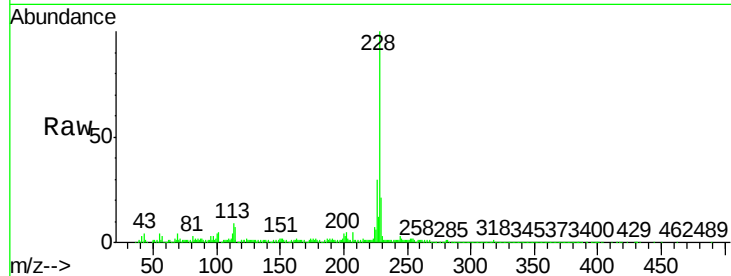
229 20.9 15.5 23.3

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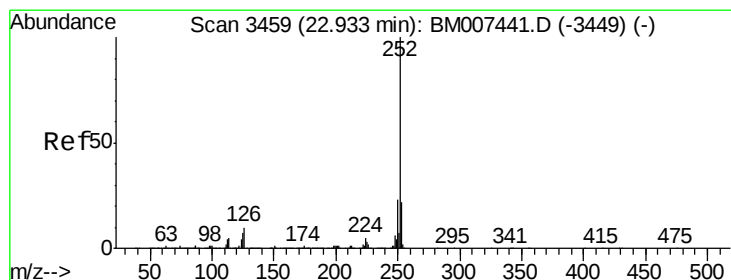
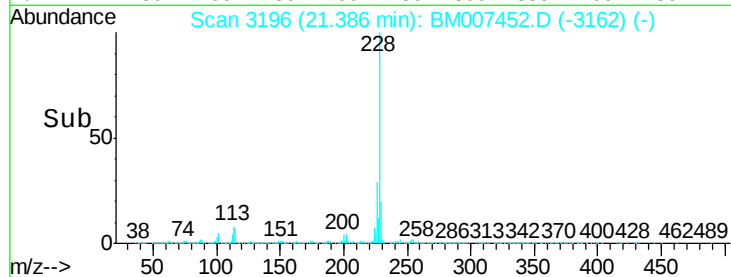
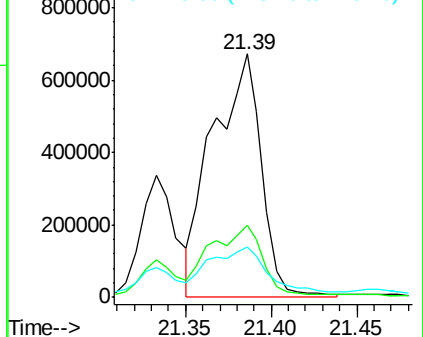
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 9.95 ng/ul

RT: 22.94 min Scan# 3460

Delta R.T. 0.01 min

Lab File: BM007452.D

Acq: 07 Sep 2016 23:06

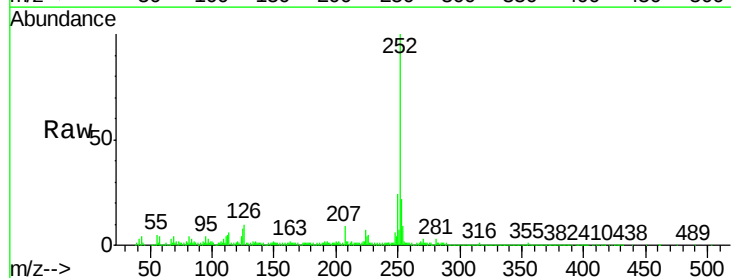
Tgt Ion:252 Resp: 1297841

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

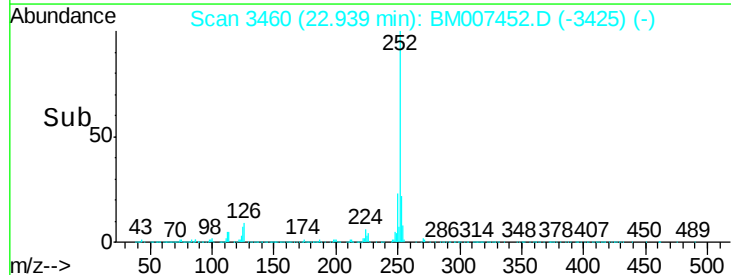
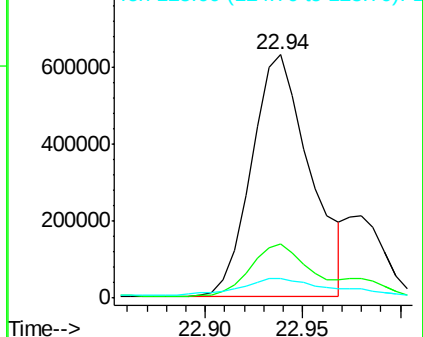
125 8.3 5.8 8.8

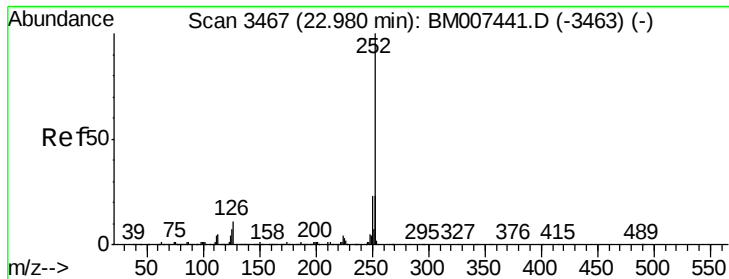


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





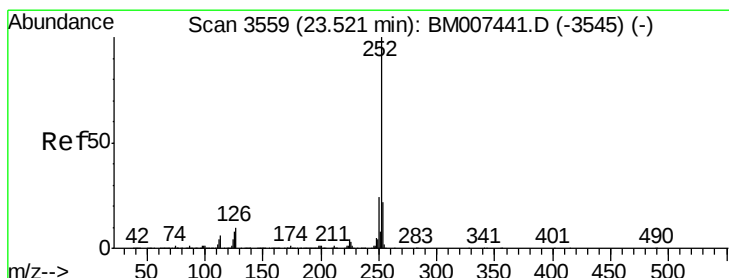
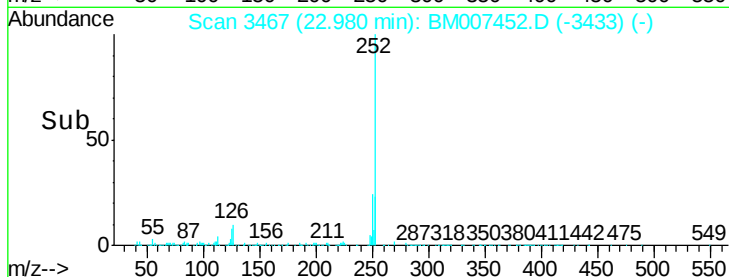
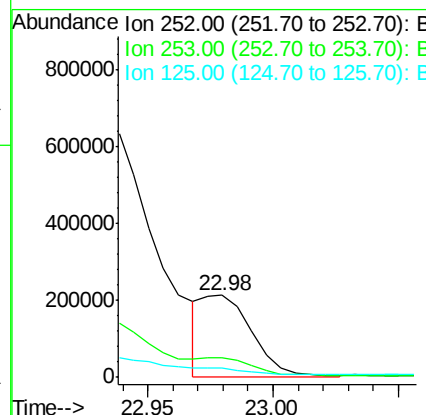
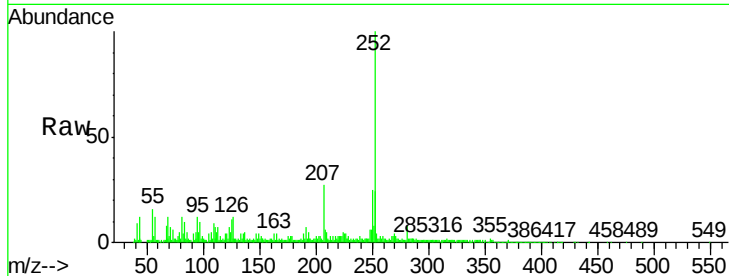
#86
Benzo(k)fluoranthene
Concen: 2.47 ng/ul m
RT: 22.98 min Scan# 3467
Delta R.T. 0.00 min
Lab File: BM007452.D
Acq: 07 Sep 2016 23:06

Instrument :
BNA_M
ClientSampleId :
BD3A5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.6	26.4
125	10.8	5.7	8.5#

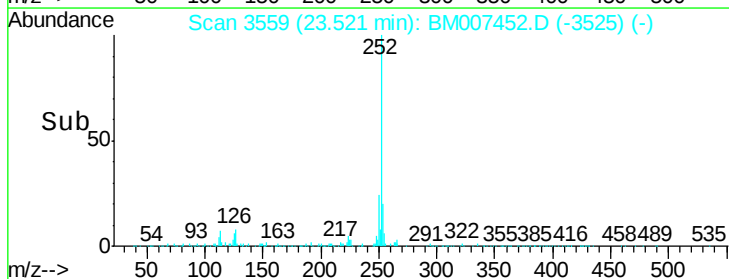
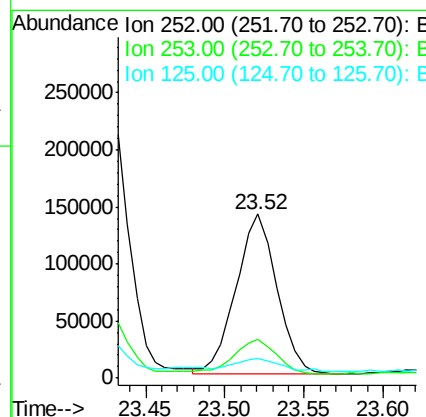
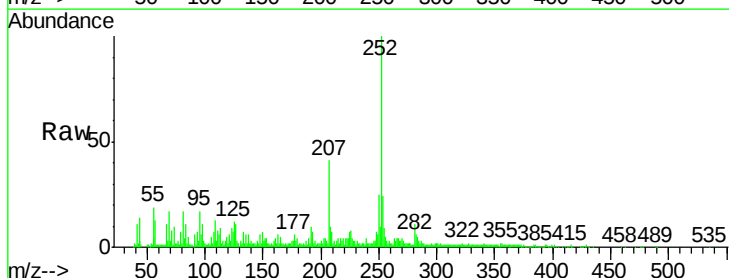
Manual Integrations
APPROVED

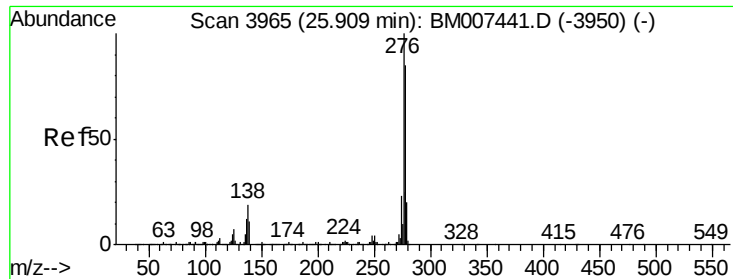
umangi
9/8/2016 12:54:33 PM



#88
Benzo(a)pyrene
Concen: 2.02 ng/ul
RT: 23.52 min Scan# 3559
Delta R.T. 0.00 min
Lab File: BM007452.D
Acq: 07 Sep 2016 23:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	11.7	6.6	9.8#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.44 ng/ul

RT: 25.90 min Scan# 3964

Delta R.T. -0.01 min

Lab File: BM007452.D

Acq: 07 Sep 2016 23:06

Instrument :

BNA_M

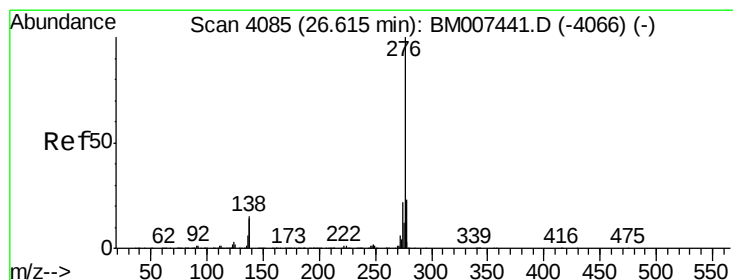
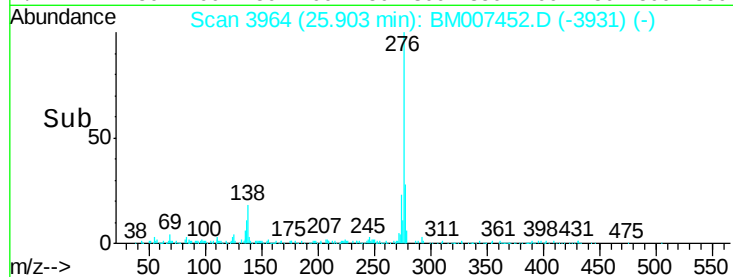
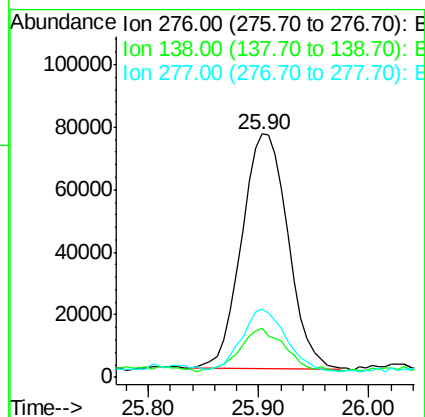
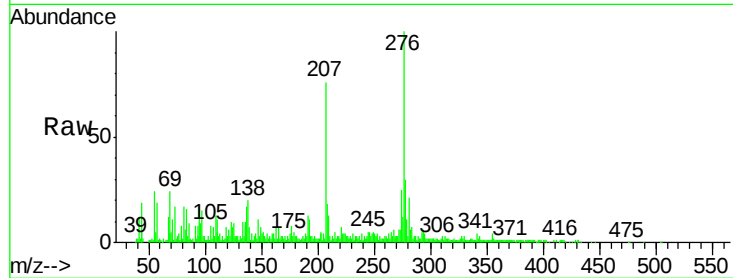
ClientSampleId :

BD3A5

Tgt Ion:	276	Resp:	220996
Ion Ratio		Lower	Upper
276	100		
138	20.1	13.9	20.9
277	28.0	20.1	30.1

Manual Integrations
APPROVED

umangi
9/8/2016 12:54:33 PM



#91

Benzo(g,h,i)perylene

Concen: 1.36 ng/ul

RT: 26.61 min Scan# 4084

Delta R.T. -0.01 min

Lab File: BM007452.D

Acq: 07 Sep 2016 23:06

Tgt Ion:	276	Resp:	176894
Ion Ratio		Lower	Upper
276	100		
138	18.9	13.5	20.3
277	26.7	19.3	28.9

