

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004547.D
 Acq On : 04 Mar 2016 00:25
 Operator : SJ/UM
 Sample : H1616-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P009-SS001-01

Manual Integrations
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Quant Time: Mar 04 06:30:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 04 04:25:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	36163	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	180107	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	110441	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	235147	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	168601	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	151267	20.00	ng/ul	0.01

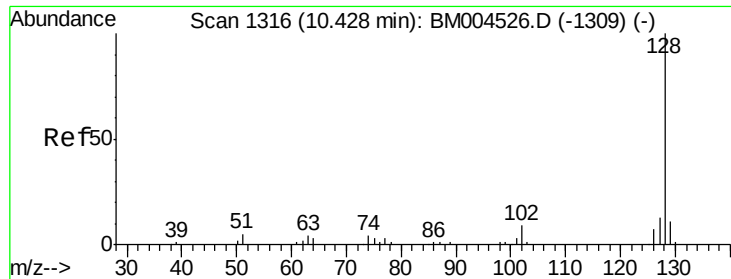
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	2006	2.99	ng/uL	0.00
5) Phenol-d5	6.84	99	53719	18.44	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	6.93	67	25674	17.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	49155	18.92	ng/ul	0.02
13) 4-Methylphenol-d8	8.36	113	49943	19.45	ng/ul	0.04
19) Nitrobenzene-d5	8.76	128	25776	19.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	30883	20.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	53890	19.33	ng/ul	0.05
29) 4-Chloroaniline-d4	10.53	131	58753	17.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	179010	19.49	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	221904	19.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	14562m	10.75	ng/ul	0.14
58) Fluorene-d10	15.26	176	158905	19.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	23468	15.37	ng/ul	0.00
71) Anthracene-d10	17.12	188	236252	20.53	ng/ul	0.00
79) Pyrene-d10	19.42	212	217208	23.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	164790	20.48	ng/ul	0.01

Target Compounds

						Qvalue
28) Naphthalene	10.43	128	51673	5.22	ng/ul	100
34) 2-Methylnaphthalene	12.05	142	13093	1.76	ng/ul	99
45) Dimethylphthalate	13.72	163	69029	7.15	ng/ul	100
50) Acenaphthene	14.32	153	33200	4.07	ng/ul	98
54) Dibenzofuran	14.66	168	16978	1.49	ng/ul	93
59) Fluorene	15.32	166	27430	2.93	ng/ul	98
70) Phenanthrene	17.06	178	246962	17.53	ng/ul	99
72) Anthracene	17.14	178	80064	5.59	ng/ul	99
75) Carbazole	17.43	167	31597	2.61	ng/ul	97
77) Fluoranthene	19.09	202	258568	17.04	ng/ul	98
80) Pyrene	19.45	202	229754	18.78	ng/ul	99
83) Benzo(a)anthracene	21.21	228	112964	10.38	ng/ul	98
85) Chrysene	21.26	228	99848	9.57	ng/ul	97
88) Benzo(b)fluoranthene	22.79	252	104670	10.38	ng/ul#	95
89) Benzo(k)fluoranthene	22.82	252	38904m	3.89	ng/ul	
91) Benzo(a)pyrene	23.34	252	83199	8.74	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.67	276	46631	4.92	ng/ul	94
93) Dibenzo(a,h)anthracene	25.66	278	14222m	1.81	ng/ul	
94) Benzo(g,h,i)perylene	26.35	276	45920	5.75	ng/ul	98

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



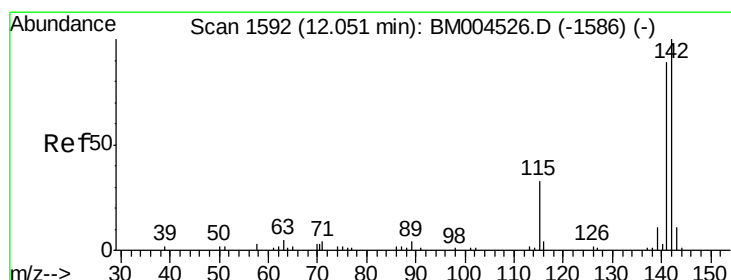
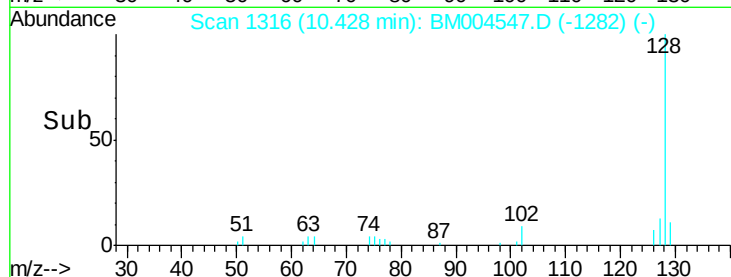
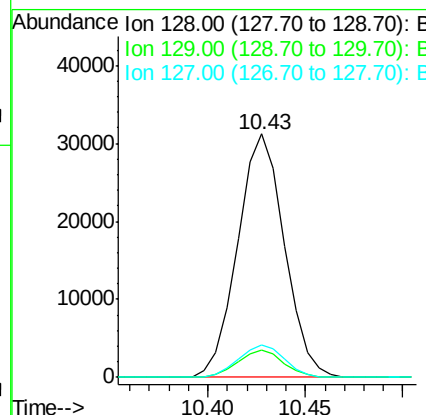
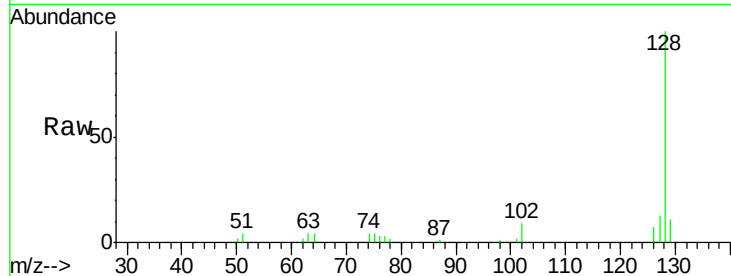
#28
Naphthalene
Concen: 5.22 ng/ul
RT: 10.43 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BM004547.D
Acq: 04 Mar 2016 00:25

Instrument :
BNA_M
ClientSampleId :
P009-SS001-01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.4	10.5	15.7

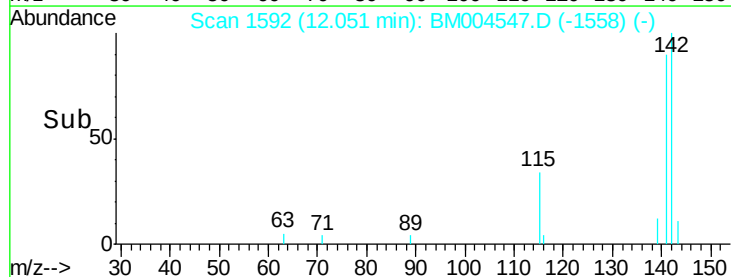
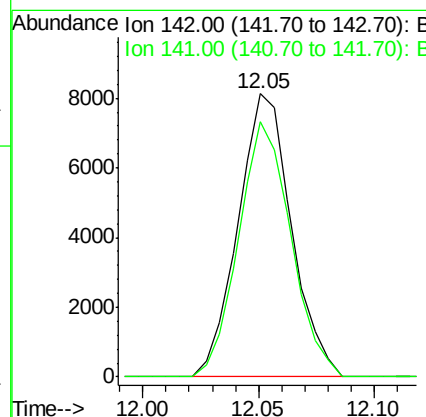
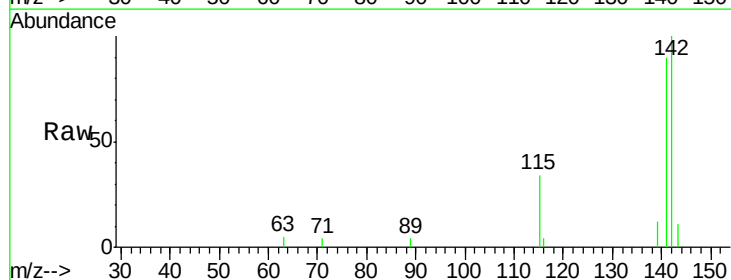
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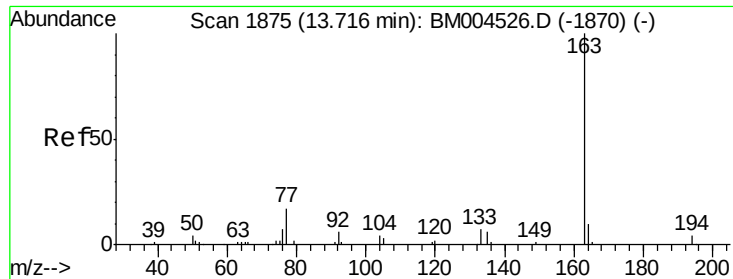
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#34
2-Methylnaphthalene
Concen: 1.76 ng/ul
RT: 12.05 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BM004547.D
Acq: 04 Mar 2016 00:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.6	107.4





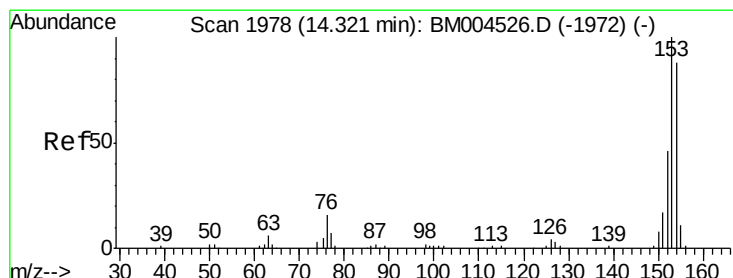
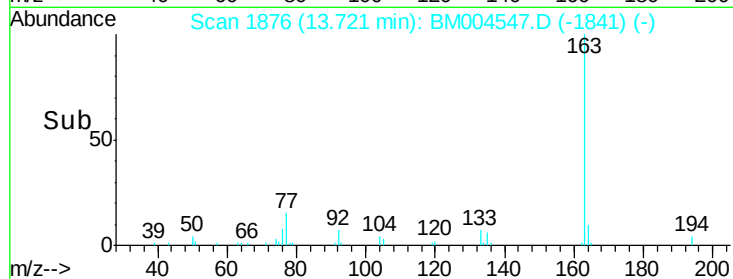
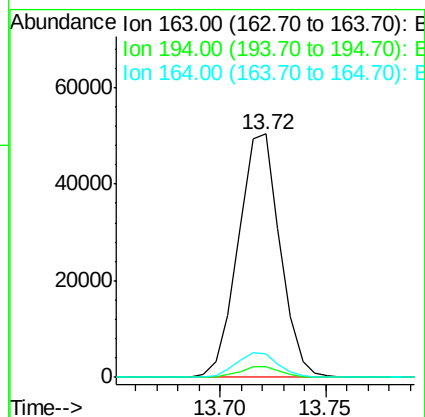
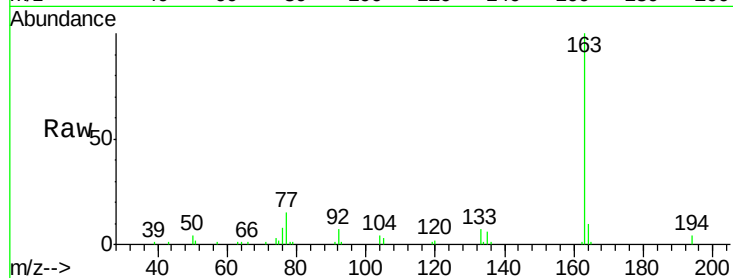
#45
Dimethylphthalate
Concen: 7.15 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BM004547.D
Acq: 04 Mar 2016 00:25

Instrument :
BNA_M
ClientSampleId :
P009-SS001-01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	9.8	7.8	11.8

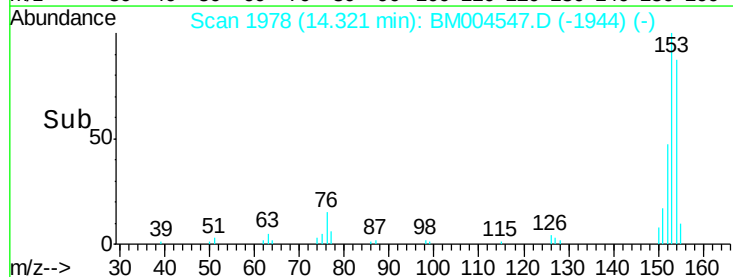
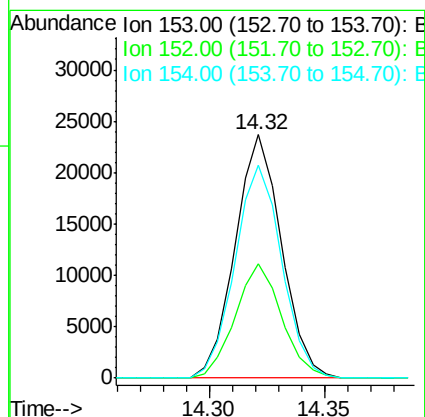
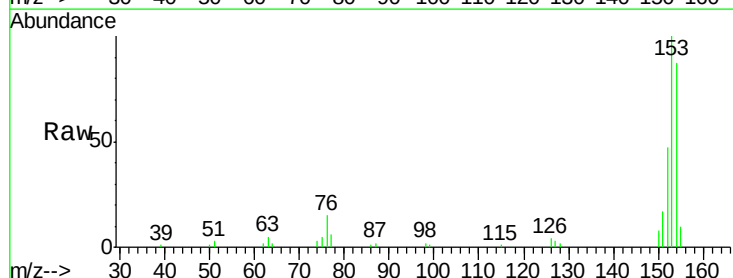
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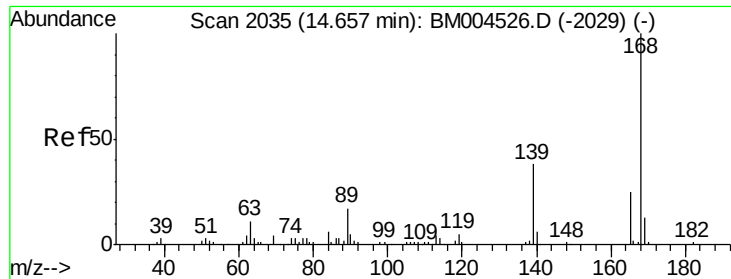
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#50
Acenaphthene
Concen: 4.07 ng/ul
RT: 14.32 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM004547.D
Acq: 04 Mar 2016 00:25

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.8	38.3	57.5
154	87.4	71.8	107.8





#54

Dibenzenofuran

Concen: 1.49 ng/ul

RT: 14.66 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BM004547.D

Acq: 04 Mar 2016 00:25

Instrument :

BNA_M

ClientSampleId :

P009-SS001-01

Tgt Ion:168 Resp: 16978

Ion Ratio Lower Upper

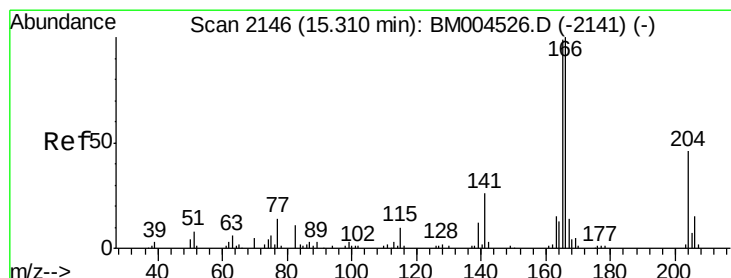
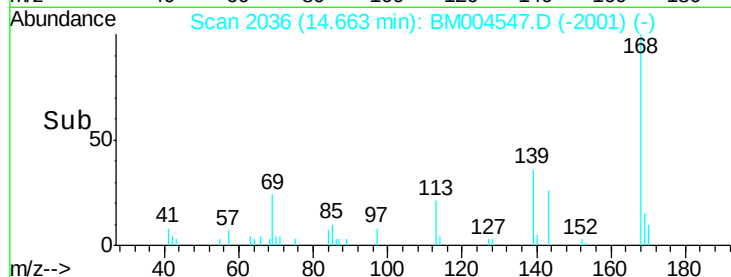
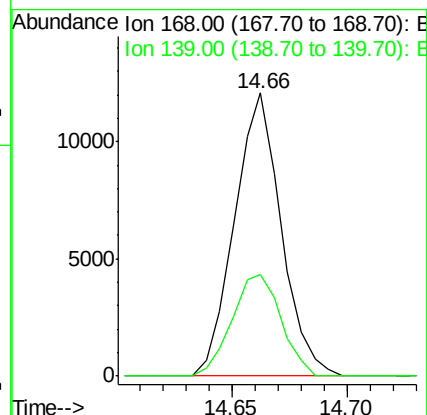
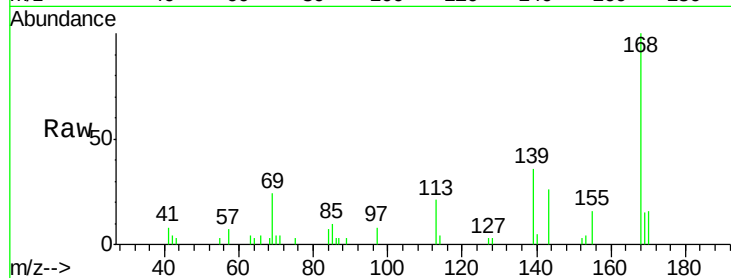
168 100

139 35.9 32.2 48.2

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#59

Fluorene

Concen: 2.93 ng/ul

RT: 15.32 min Scan# 2147

Delta R.T. 0.01 min

Lab File: BM004547.D

Acq: 04 Mar 2016 00:25

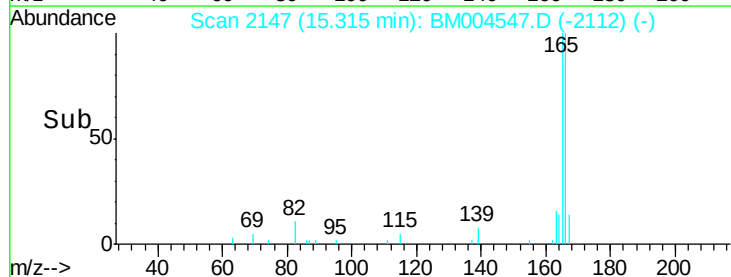
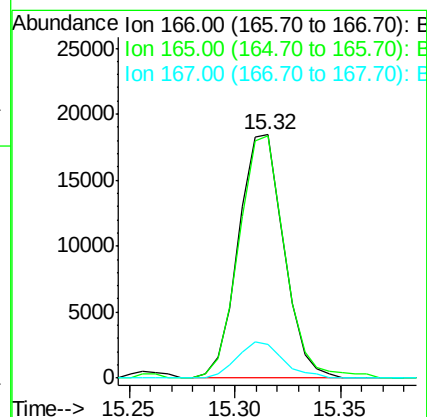
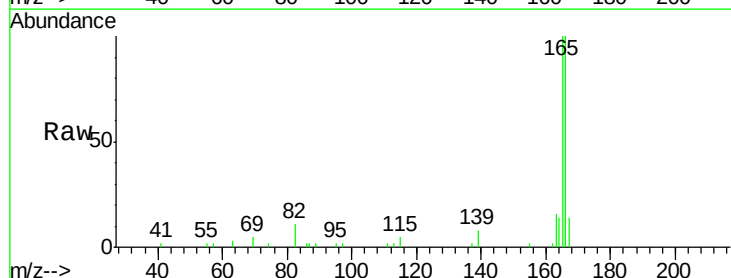
Tgt Ion:166 Resp: 27430

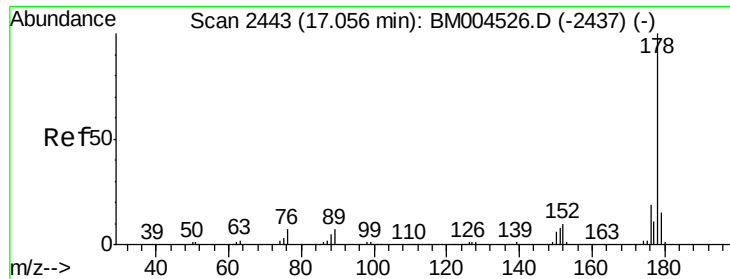
Ion Ratio Lower Upper

166 100

165 99.7 78.5 117.7

167 14.1 10.7 16.1





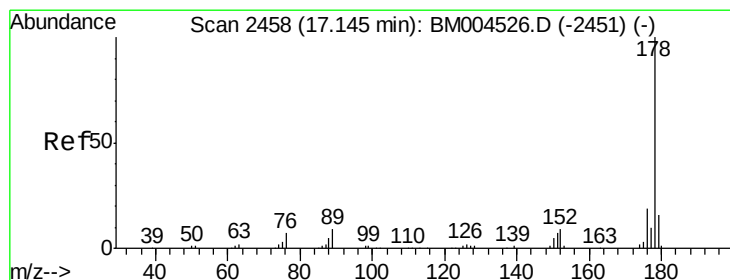
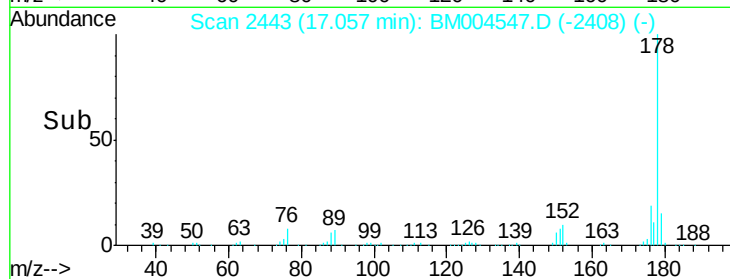
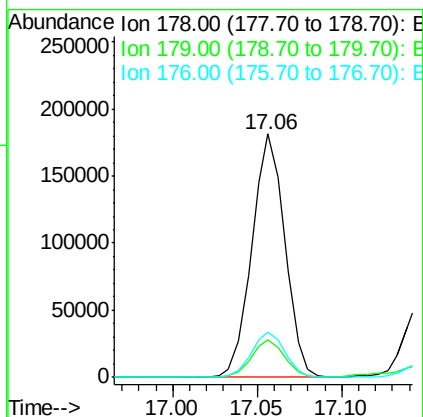
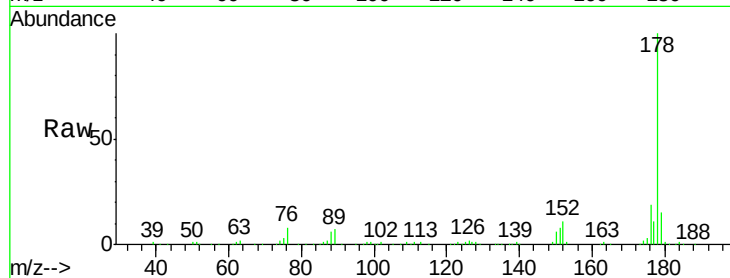
#70
Phenanthrene
Concen: 17.53 ng/ul
RT: 17.06 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BM004547.D
Acq: 04 Mar 2016 00:25

Instrument :
BNA_M
ClientSampleId :
P009-SS001-01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	18.8	15.6	23.4

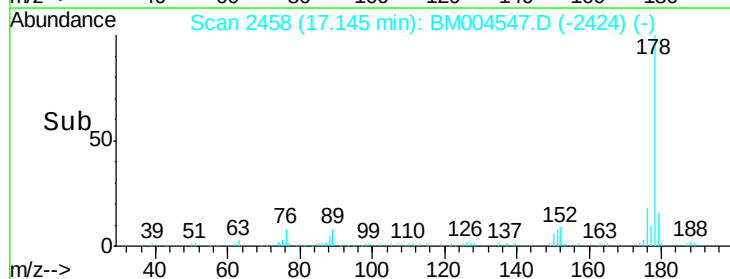
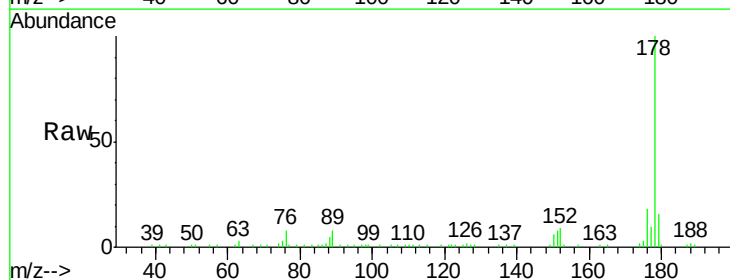
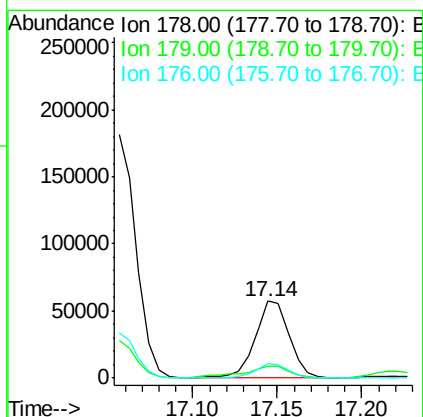
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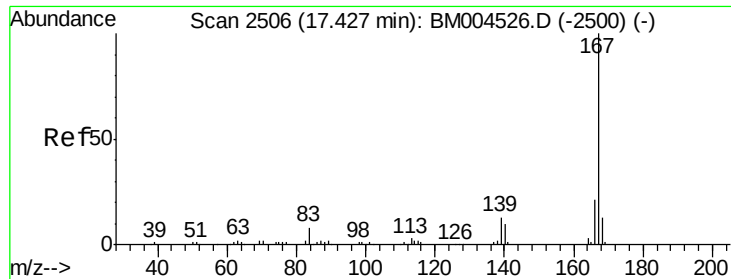
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#72
Anthracene
Concen: 5.59 ng/ul
RT: 17.14 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BM004547.D
Acq: 04 Mar 2016 00:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	18.2	14.8	22.2





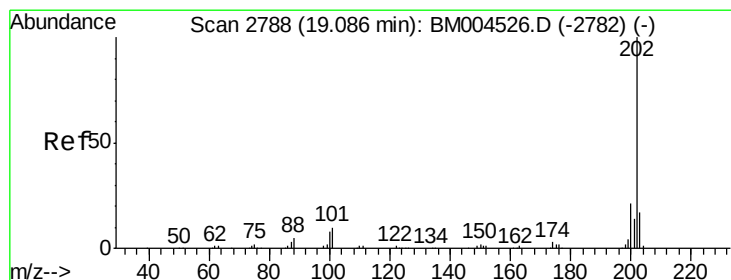
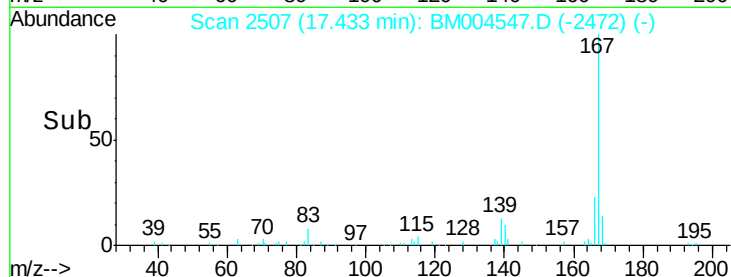
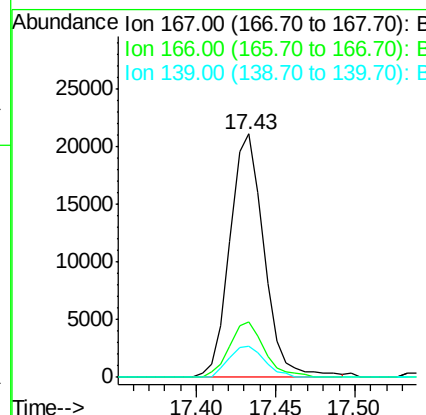
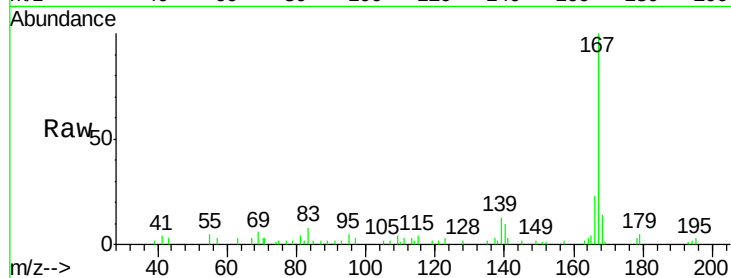
#75
 Carbazole
 Concen: 2.61 ng/ul
 RT: 17.43 min Scan# 2507
 Delta R.T. 0.01 min
 Lab File: BM004547.D
 Acq: 04 Mar 2016 00:25

Instrument :
 BNA_M
 ClientSampleId :
 P009-SS001-01

Tgt Ion:	167	Resp:	31597
Ion Ratio	Lower	Upper	
167	100		
166	22.8	17.0	25.6
139	12.9	11.0	16.4

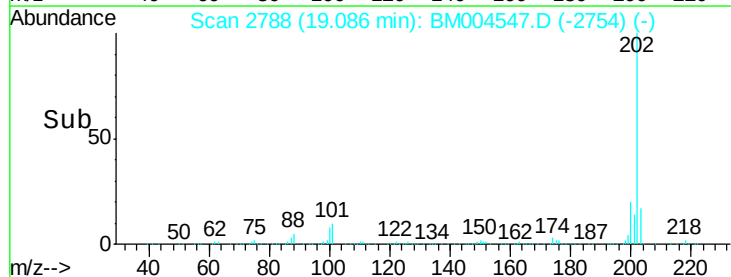
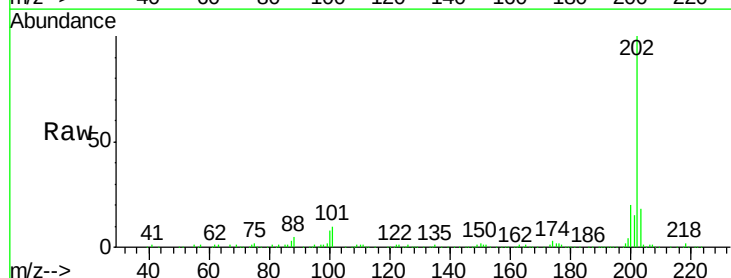
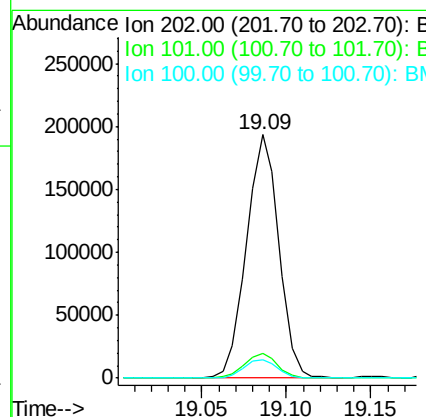
Manual Integrations
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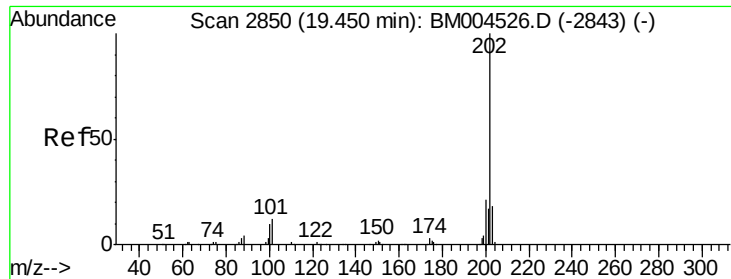
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#77
 Fluoranthene
 Concen: 17.04 ng/ul
 RT: 19.09 min Scan# 2788
 Delta R.T. -0.00 min
 Lab File: BM004547.D
 Acq: 04 Mar 2016 00:25

Tgt Ion:	202	Resp:	258568
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.8	13.2
100	7.7	6.6	9.8





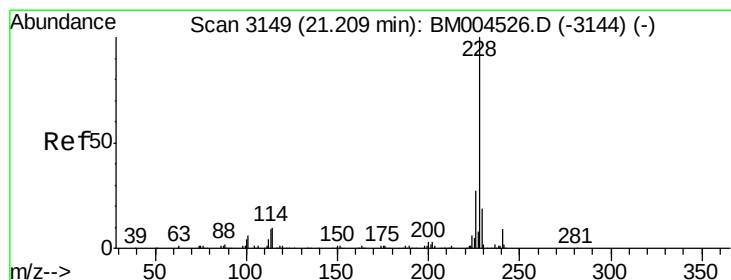
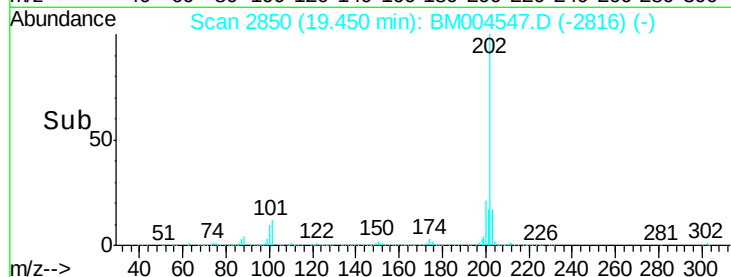
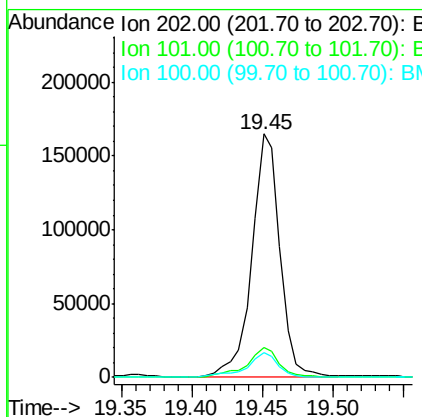
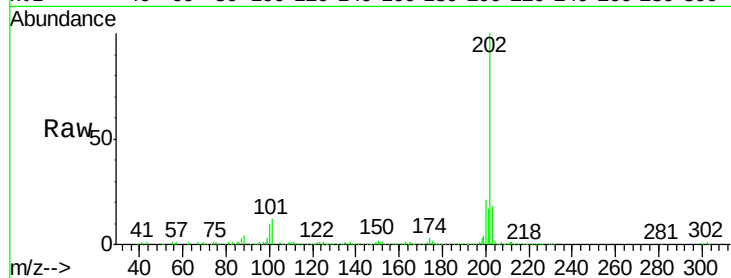
#80
 Pyrene
 Concen: 18.78 ng/ul
 RT: 19.45 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: BM004547.D
 Acq: 04 Mar 2016 00:25

Instrument :
 BNA_M
 ClientSampleId :
 P009-SS001-01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	229754		
101	12.2	10.2	15.2	
100	10.0	8.5	12.7	

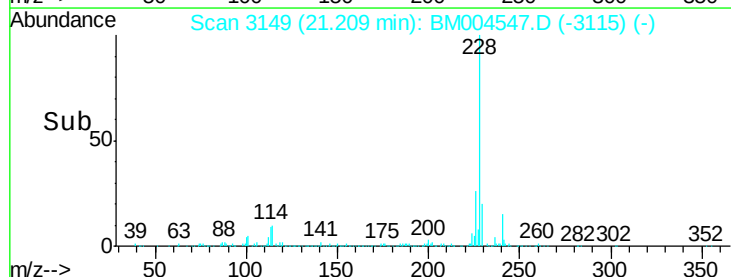
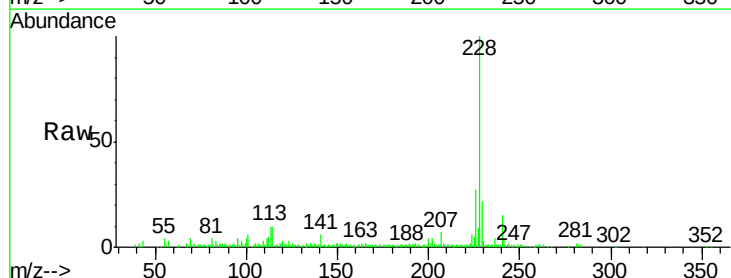
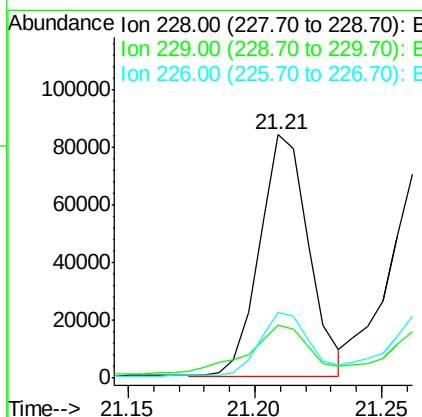
Manual Integrations
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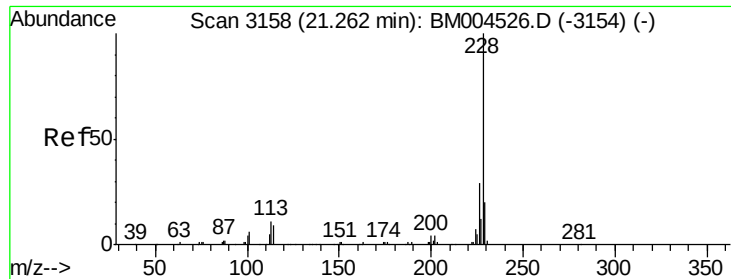
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#83
 Benzo(a)anthracene
 Concen: 10.38 ng/ul
 RT: 21.21 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BM004547.D
 Acq: 04 Mar 2016 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	112964		
229	21.8	15.7	23.5	
226	26.8	21.8	32.6	





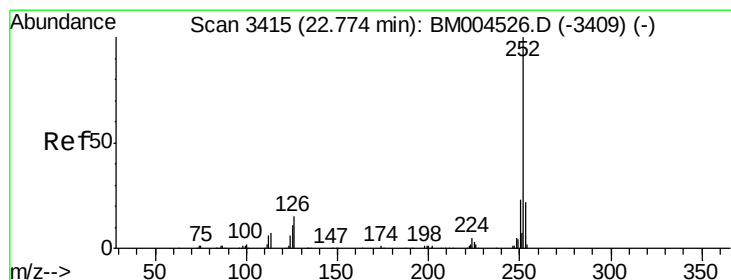
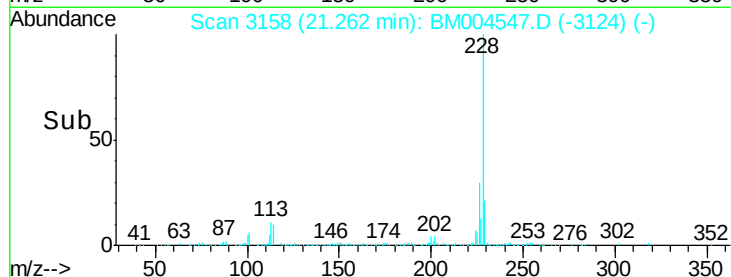
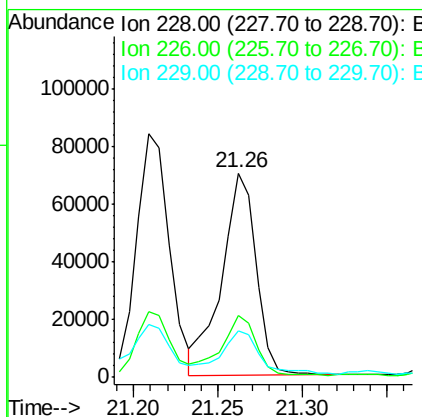
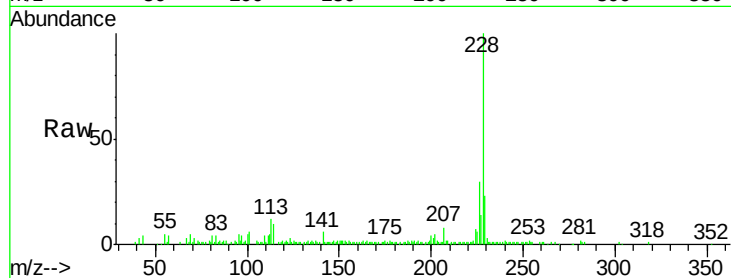
#85
Chrysene
Concen: 9.57 ng/ul
RT: 21.26 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BM004547.D
Acq: 04 Mar 2016 00:25

Instrument :
BNA_M
ClientSampleId :
P009-SS001-01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	22.7	15.6	23.4

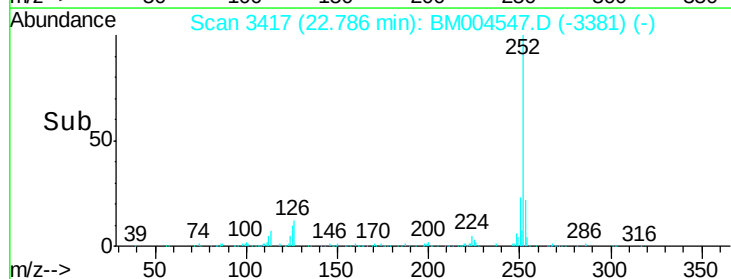
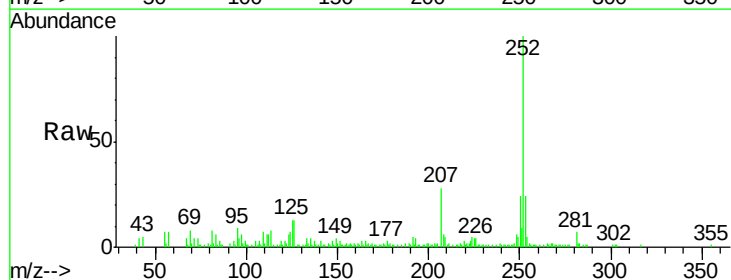
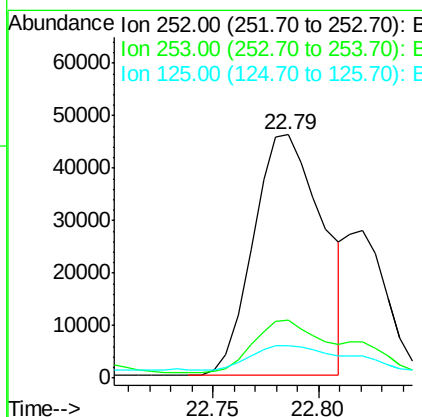
Manual Integrations
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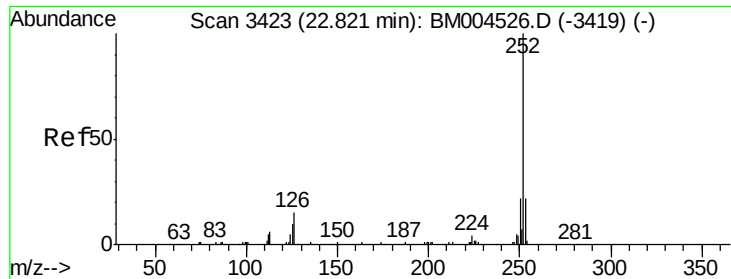
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#88
Benzo(b)fluoranthene
Concen: 10.38 ng/ul
RT: 22.79 min Scan# 3417
Delta R.T. 0.01 min
Lab File: BM004547.D
Acq: 04 Mar 2016 00:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	13.1	8.5	12.7#





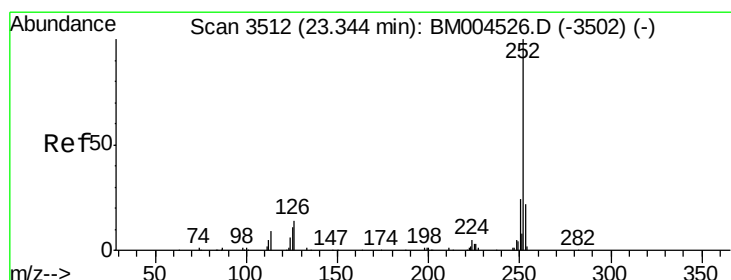
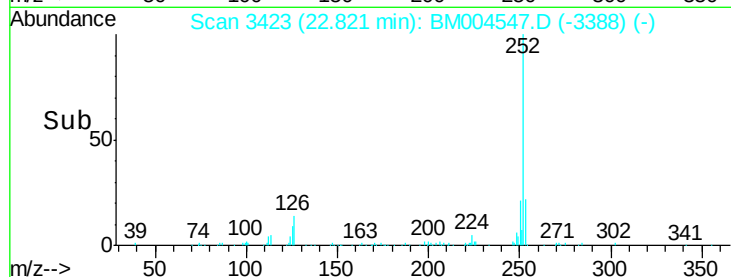
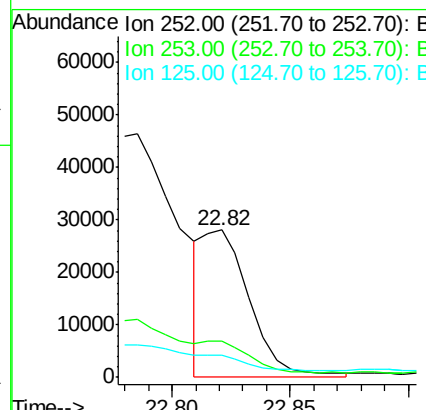
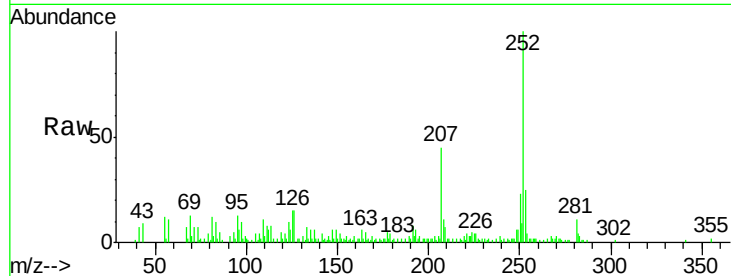
#89
Benzo(k)fluoranthene
Concen: 3.89 ng/ul m
RT: 22.82 min Scan# 3423
Delta R.T. 0.01 min
Lab File: BM004547.D
Acq: 04 Mar 2016 00:25

Instrument :
BNA_M
ClientSampleId :
P009-SS001-01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.3	25.9
125	14.8	8.2	12.2#

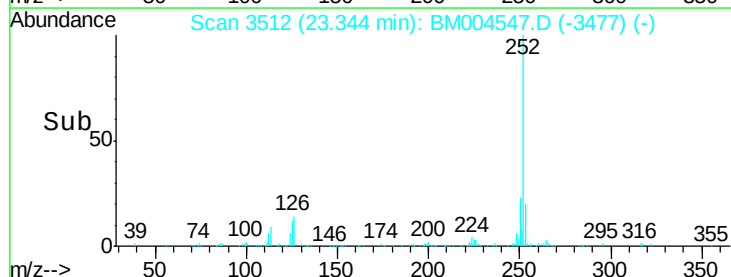
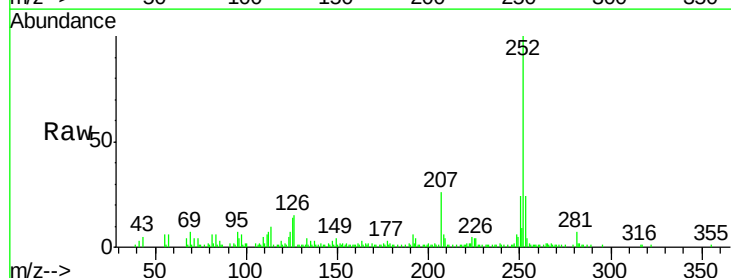
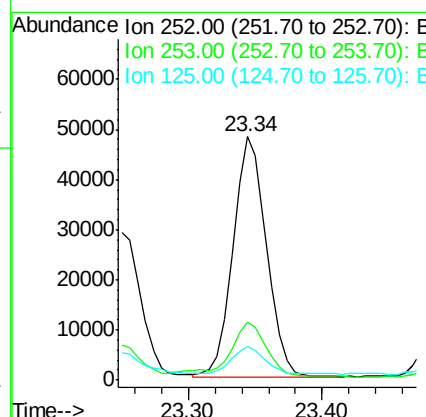
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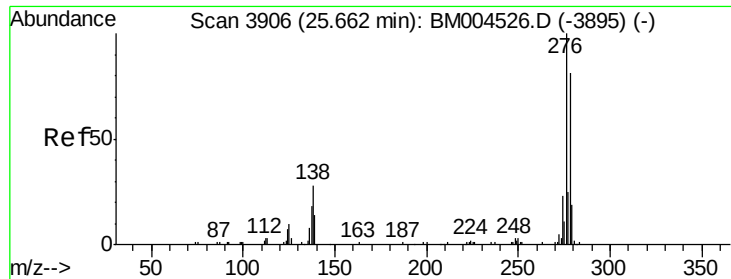
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#91
Benzo(a)pyrene
Concen: 8.74 ng/ul
RT: 23.34 min Scan# 3512
Delta R.T. 0.01 min
Lab File: BM004547.D
Acq: 04 Mar 2016 00:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	14.1	9.0	13.6#





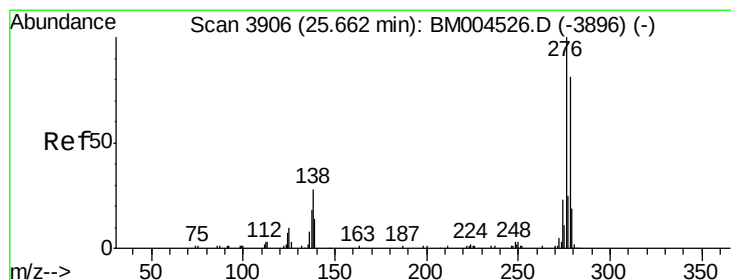
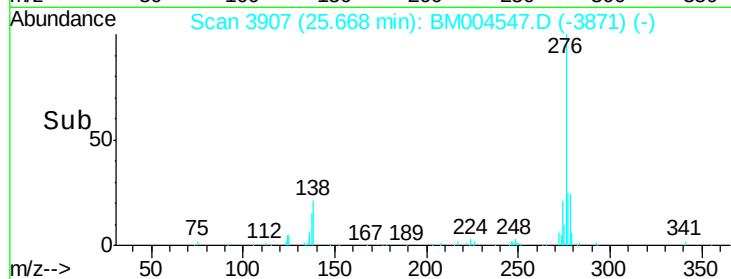
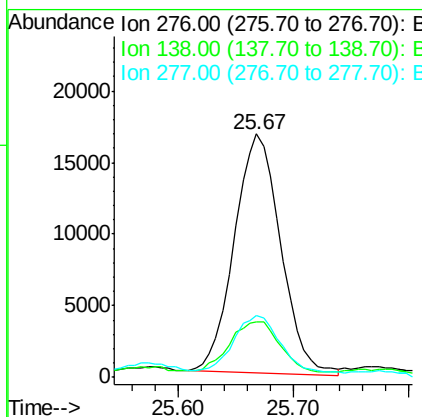
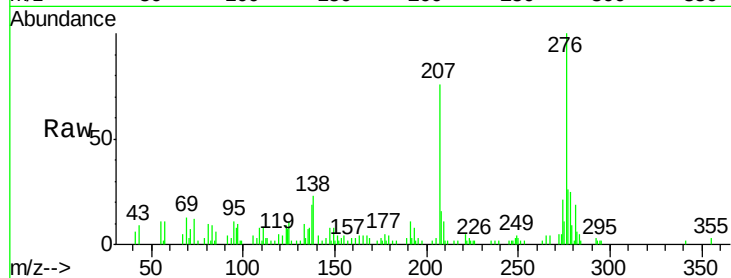
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 4.92 ng/ul
 RT: 25.67 min Scan# 3907
 Delta R.T. 0.01 min
 Lab File: BM004547.D
 Acq: 04 Mar 2016 00:25

Instrument :
 BNA_M
 ClientSampleId :
 P009-SS001-01

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	46631		
138	22.6		22.3	33.5
277	25.6		20.2	30.2

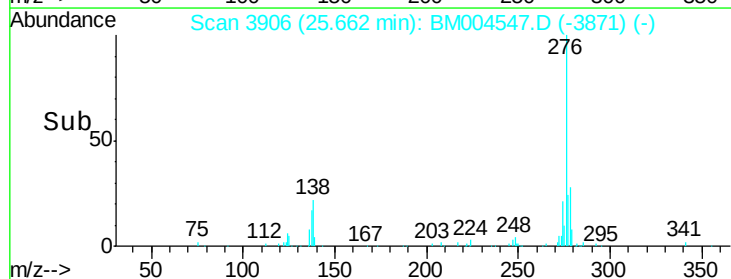
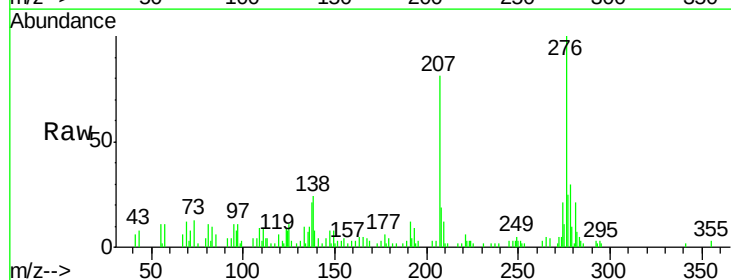
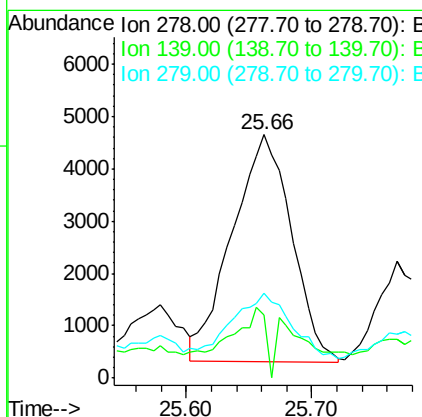
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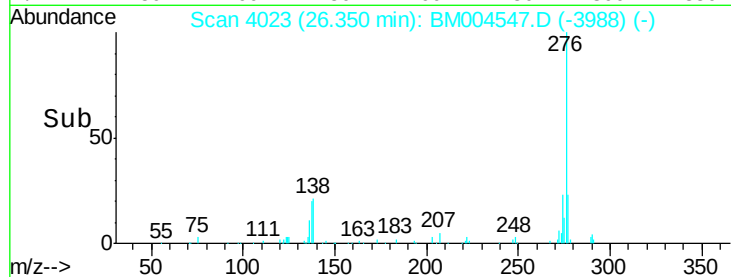
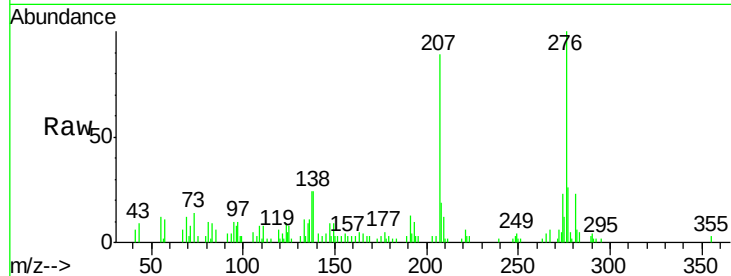
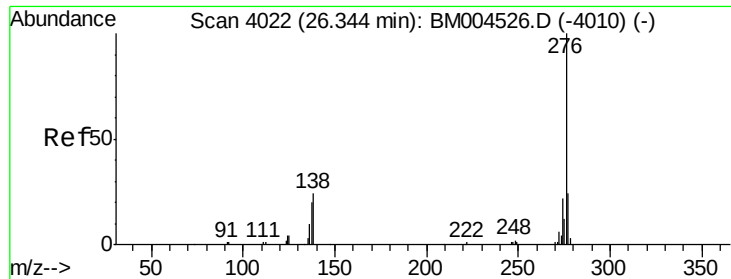
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#93
 Dibenzo(a,h)anthracene
 Concen: 1.81 ng/ul m
 RT: 25.66 min Scan# 3906
 Delta R.T. 0.01 min
 Lab File: BM004547.D
 Acq: 04 Mar 2016 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	14222		
139	25.8		13.9	20.9#
279	34.9		19.0	28.4#





#94

Benzo(g,h,i)perylene

Concen: 5.75 ng/ul

RT: 26.35 min Scan# 4023

Delta R.T. 0.01 min

Lab File: BM004547.D

Acq: 04 Mar 2016 00:25

Tgt Ion:	276	Resp:	45920
Ion Ratio	Lower	Upper	
276	100		
138	23.8	18.9	28.3
277	25.7	19.2	28.8

Instrument :

BNA_M

ClientSampleId :

P009-SS001-01

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