

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004199.D
 Acq On : 08 Feb 2016 14:35
 Operator : SJ/IZ
 Sample : H1340-13 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C04K3

Manual Integrations
 APPROVED

Sohil
 2/9/2016 3:30:39 PM

Quant Time: Feb 09 00:35:09 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 00:07:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	23051	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	115998	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	72892	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	181157	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	222537	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	224013	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.84	99	8050	3.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	4714	3.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	7082	4.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	6301	3.27	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	3273	3.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	2866	3.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	6652	3.75	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	8585	3.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	26606	4.24	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	32423	4.44	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.31	176	26062	4.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.16	188	42451	4.82	ng/ul	0.00
79) Pyrene-d10	19.47	212	50861	5.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	57318	4.91	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.77	163	13780	2.09	ng/ul	99
50) Acenaphthene	14.38	153	22298	4.08	ng/ul	99
54) Dibenzofuran	14.72	168	8582	1.11	ng/ul	98
59) Fluorene	15.37	166	15768	2.44	ng/ul	97
70) Phenanthrene	17.11	178	267023	24.15	ng/ul	100
72) Anthracene	17.20	178	72199	6.44	ng/ul	99
75) Carbazole	17.47	167	27238	2.67	ng/ul	100
77) Fluoranthene	19.14	202	688263	53.49	ng/ul	100
80) Pyrene	19.50	202	620545	45.35	ng/ul	100
83) Benzo(a)anthracene	21.26	228	431176	30.43	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	93421	10.65	ng/ul	99
85) Chrysene	21.32	228	402114	29.85	ng/ul	98
88) Benzo(b)fluoranthene	22.85	252	558349	39.05	ng/ul	98
89) Benzo(k)fluoranthene	22.89	252	187931m	14.11	ng/ul	
91) Benzo(a)pyrene	23.42	252	375448	27.18	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.76	276	217753	13.21	ng/ul	94
93) Dibenzo(a,h)anthracene	25.76	278	61080	4.44	ng/ul#	80
94) Benzo(g,h,i)perylene	26.45	276	160789	11.44	ng/ul	100

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

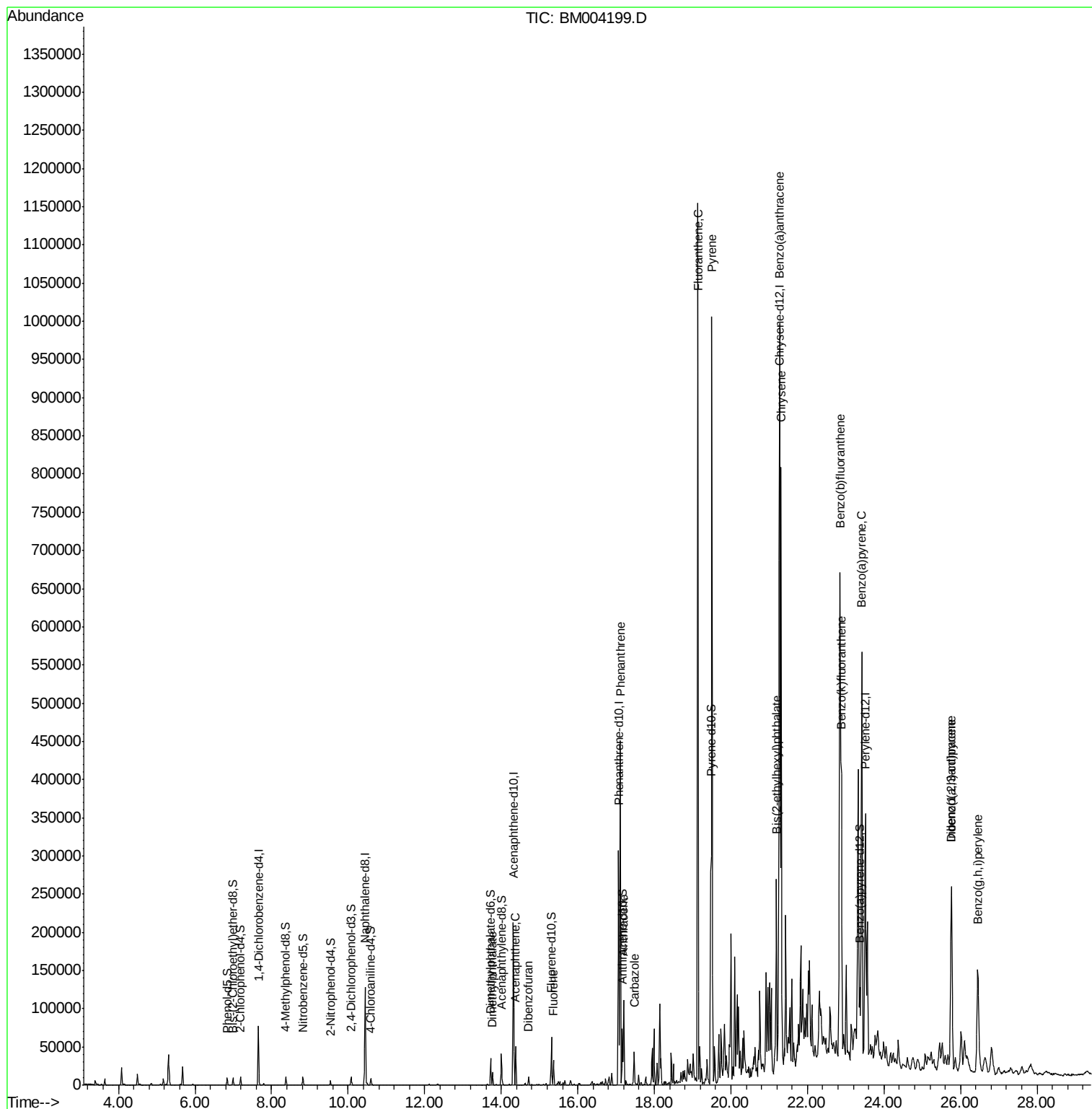
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004199.D
Acq On : 08 Feb 2016 14:35
Operator : SJ/IZ
Sample : H1340-13 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

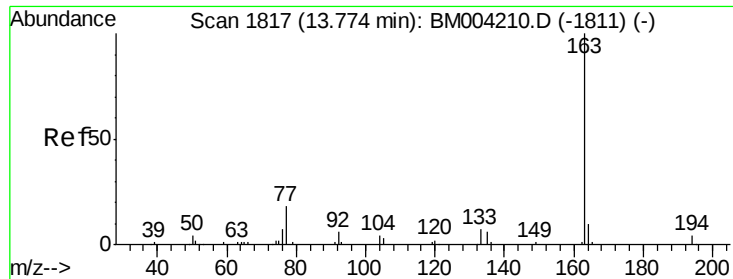
Instrument :
BNA_M
ClientSampleId :
C04K3

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
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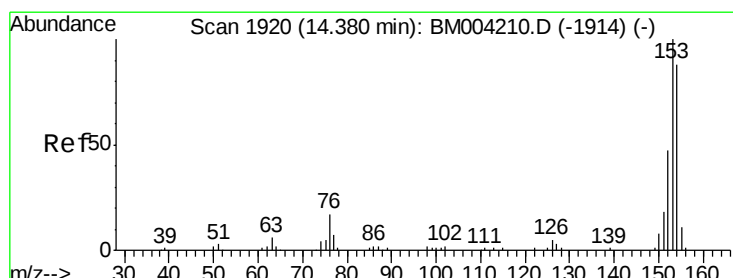
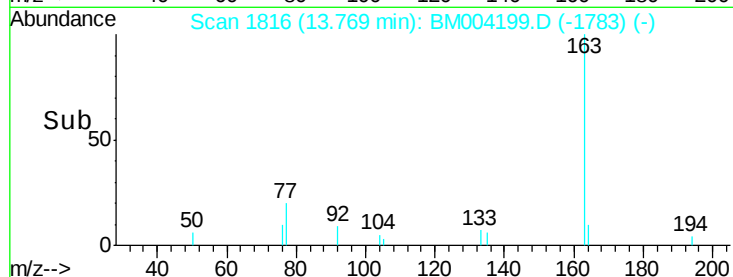
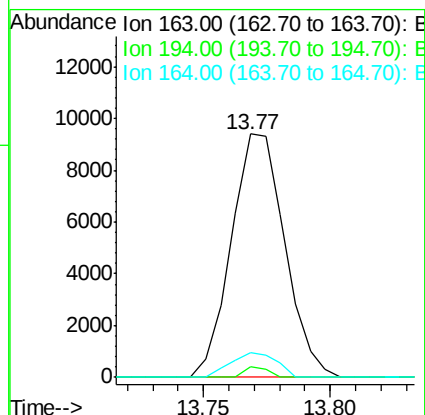
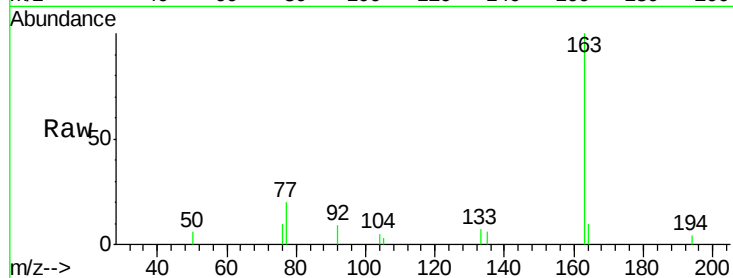
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Dimethylphthalate
Concen: 2.09 ng/ul
RT: 13.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM004199.D
Acq: 08 Feb 2016 14:35

Instrument :
BNA_M
ClientSampleId :
C04K3

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.2	7.8	11.8

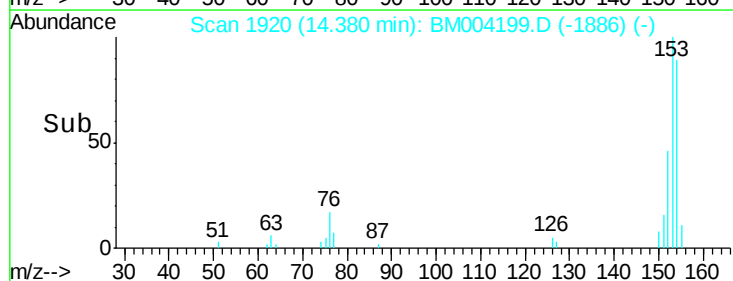
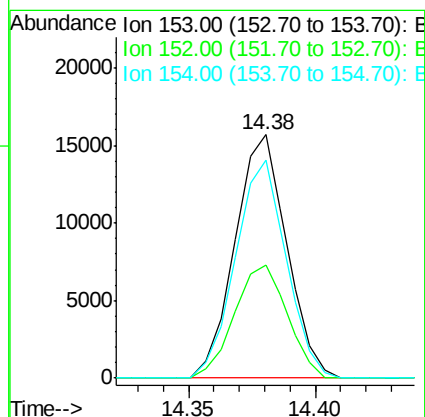
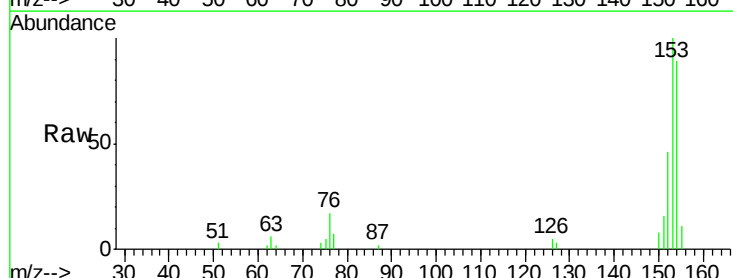
Manual Integrations
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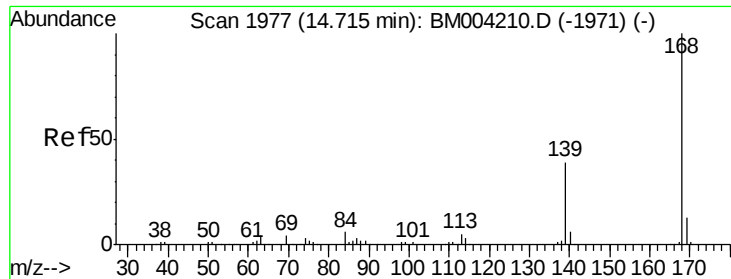
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#50
Acenaphthene
Concen: 4.08 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM004199.D
Acq: 08 Feb 2016 14:35

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.2	38.3	57.5
154	89.4	71.8	107.8





#54

Dibenzenofuran

Concen: 1.11 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BM004199.D

Acq: 08 Feb 2016 14:35

Instrument :

BNA_M

ClientSampleId :

C04K3

Tgt Ion:168 Resp: 8582

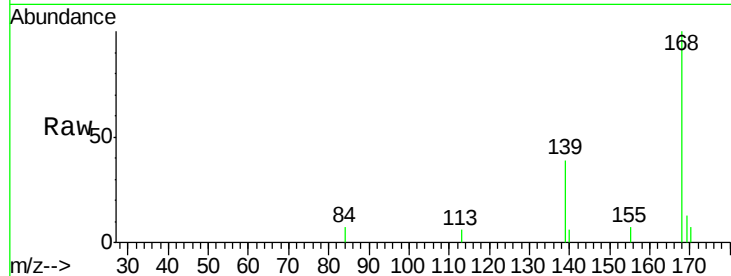
Ion Ratio Lower Upper

168 100

139 39.1 32.2 48.2

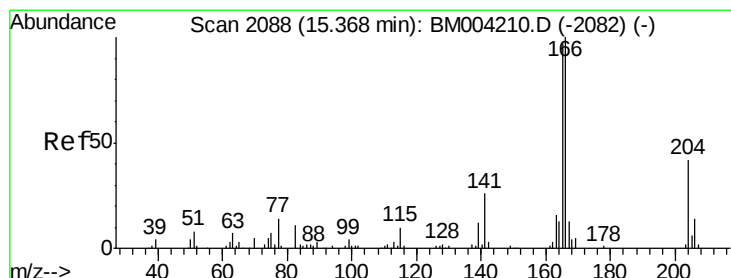
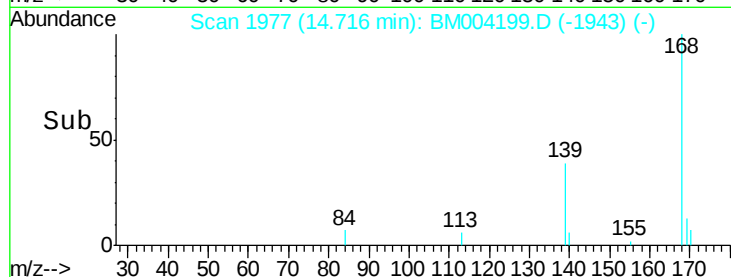
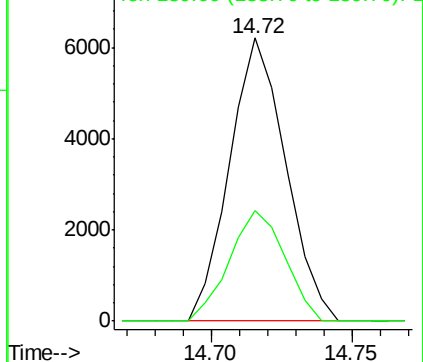
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 2.44 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BM004199.D

Acq: 08 Feb 2016 14:35

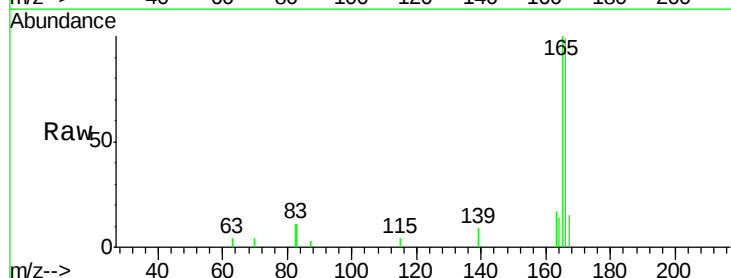
Tgt Ion:166 Resp: 15768

Ion Ratio Lower Upper

166 100

165 101.3 78.5 117.7

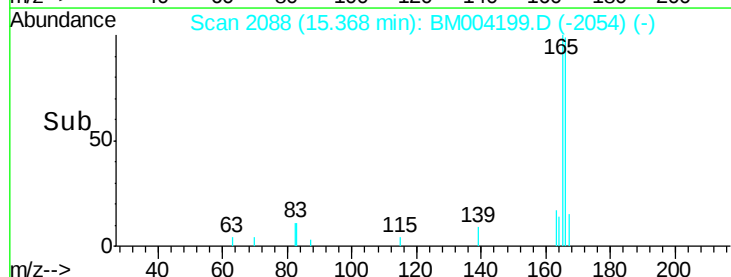
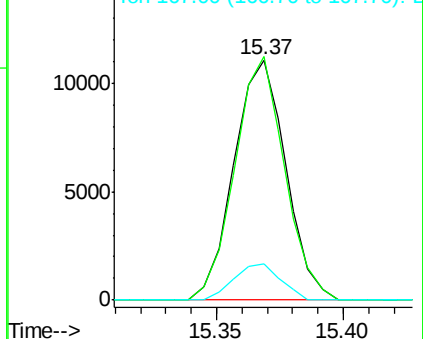
167 15.1 10.7 16.1

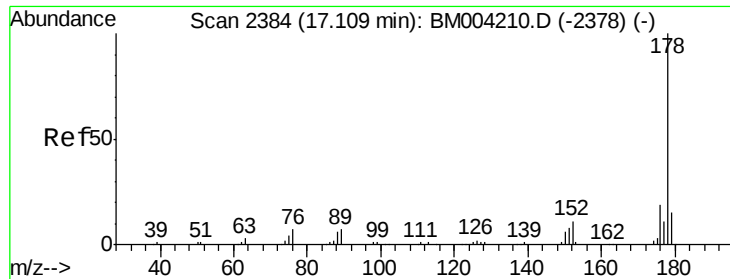


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





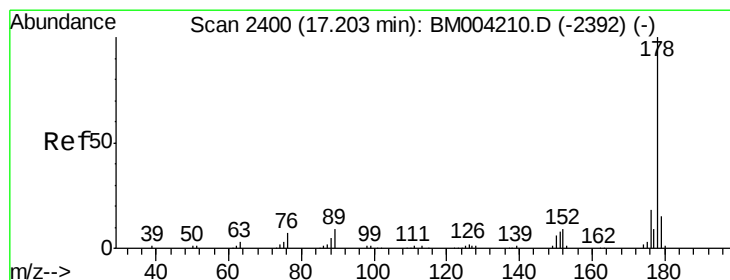
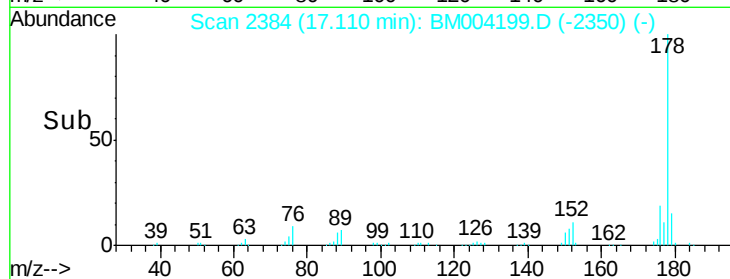
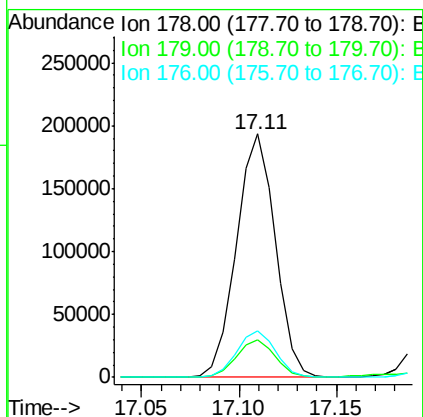
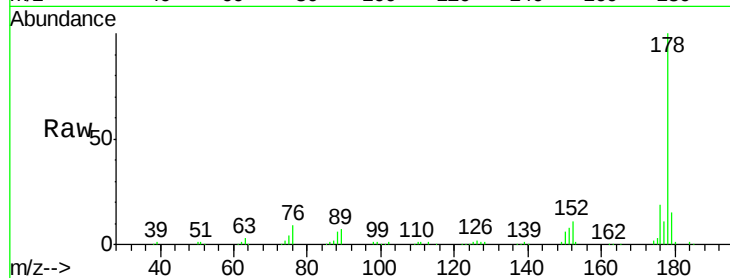
#70
 Phenanthrene
 Concen: 24.15 ng/ul
 RT: 17.11 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BM004199.D
 Acq: 08 Feb 2016 14:35

Instrument :
 BNA_M
 ClientSampled :
 C04K3

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.2	15.6	23.4

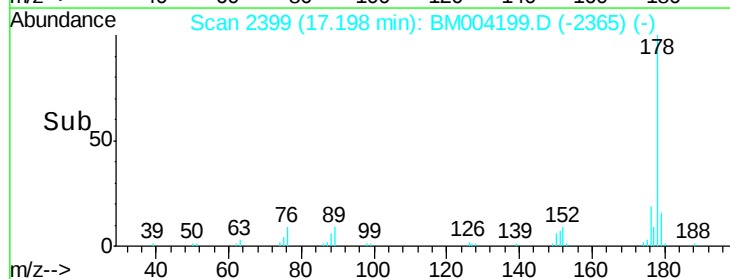
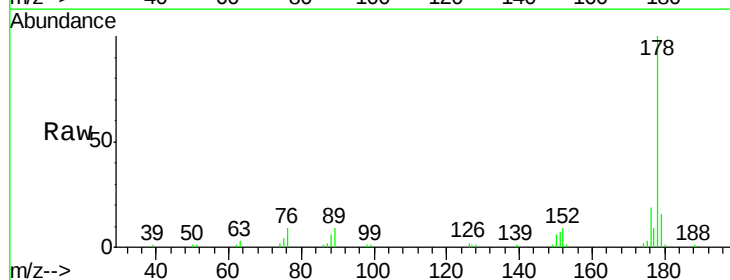
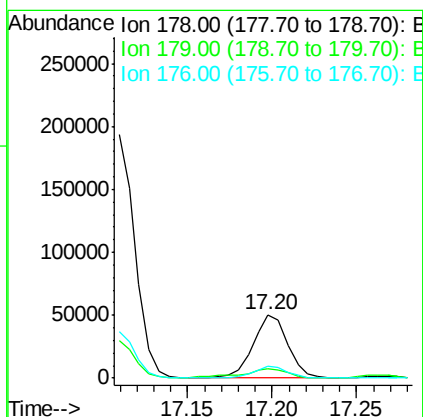
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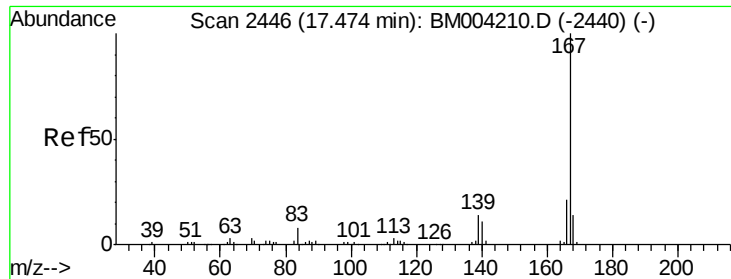
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#72
 Anthracene
 Concen: 6.44 ng/ul
 RT: 17.20 min Scan# 2399
 Delta R.T. 0.00 min
 Lab File: BM004199.D
 Acq: 08 Feb 2016 14:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.7	14.8	22.2





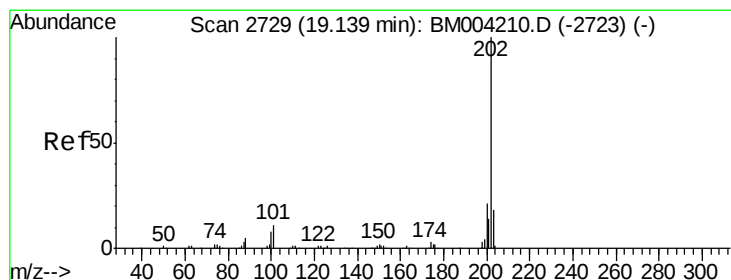
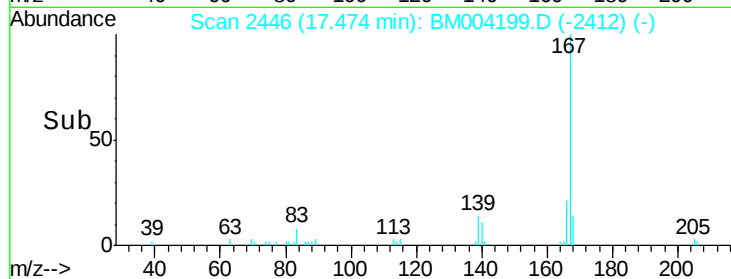
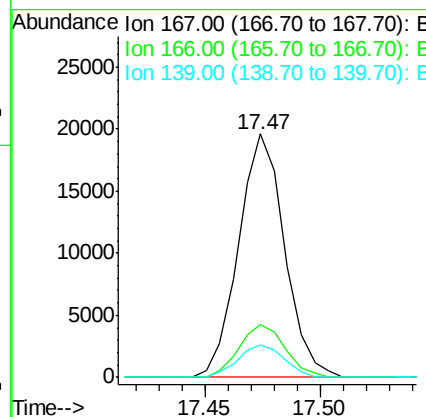
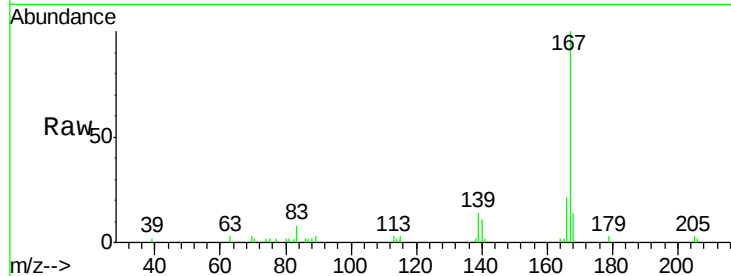
#75
 Carbazole
 Concen: 2.67 ng/ul
 RT: 17.47 min Scan# 2446
 Delta R.T. 0.00 min
 Lab File: BM004199.D
 Acq: 08 Feb 2016 14:35

Instrument :
 BNA_M
 ClientSampleId :
 C04K3

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.5	11.0	16.4

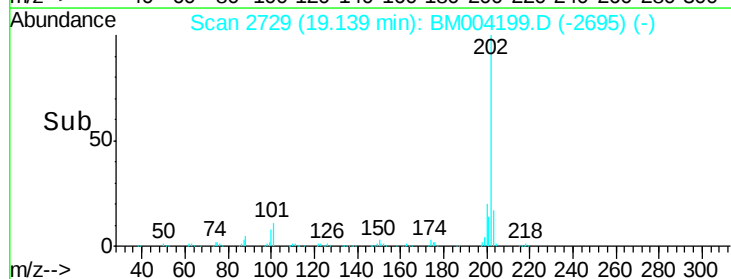
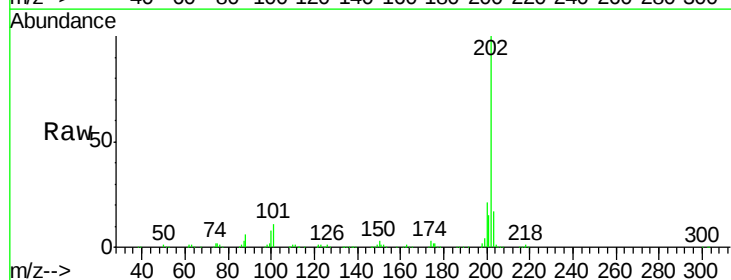
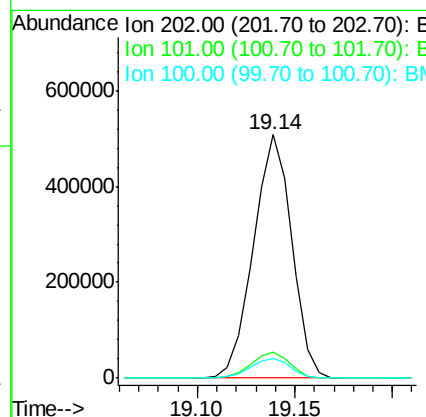
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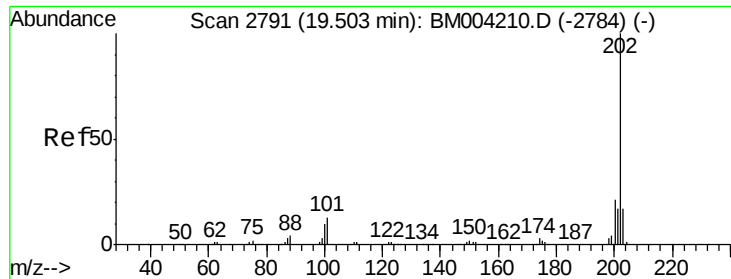
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#77
 Fluoranthene
 Concen: 53.49 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM004199.D
 Acq: 08 Feb 2016 14:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.8	13.2
100	8.2	6.6	9.8





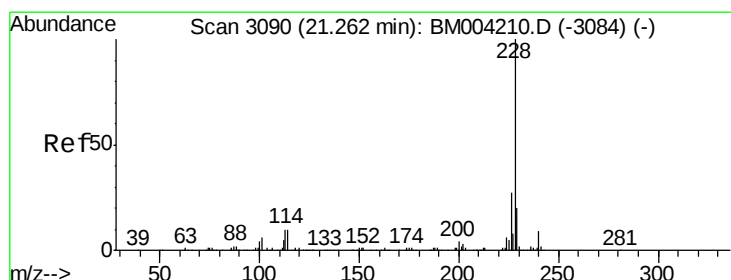
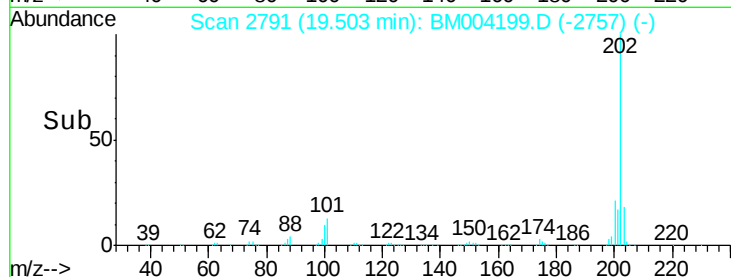
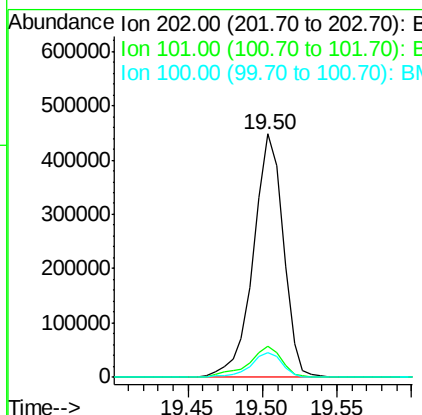
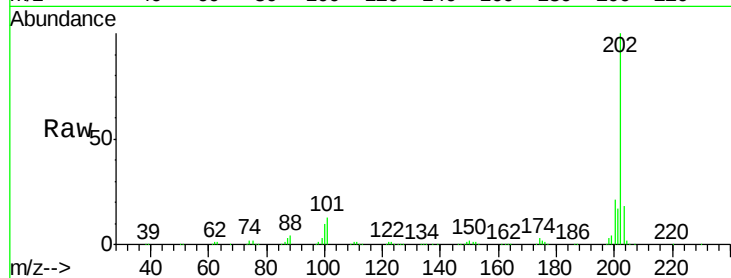
#80
 Pyrene
 Concen: 45.35 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004199.D
 Acq: 08 Feb 2016 14:35

Instrument :
 BNA_M
 ClientSampleId :
 C04K3

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	620545		
101	12.7	10.2	15.2	
100	10.4	8.5	12.7	

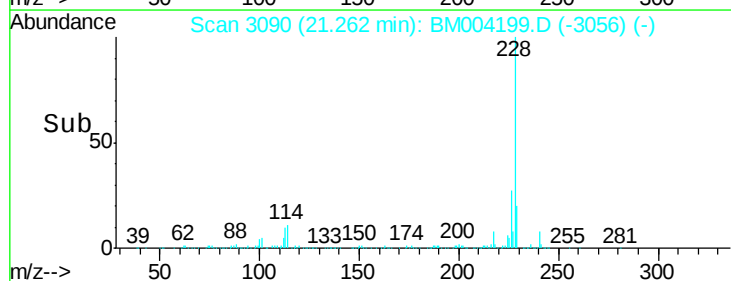
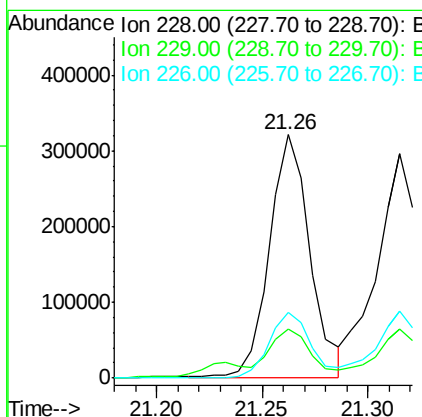
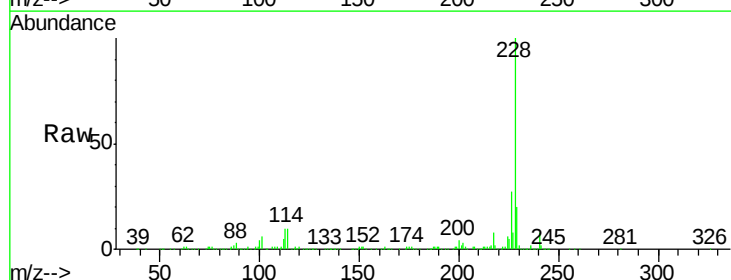
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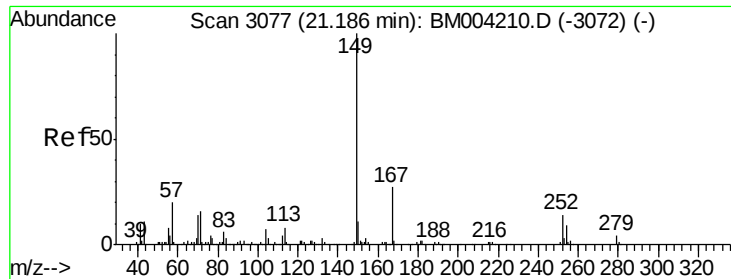
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#83
 Benzo(a)anthracene
 Concen: 30.43 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM004199.D
 Acq: 08 Feb 2016 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	431176		
229	20.1	15.7	23.5	
226	27.1	21.8	32.6	





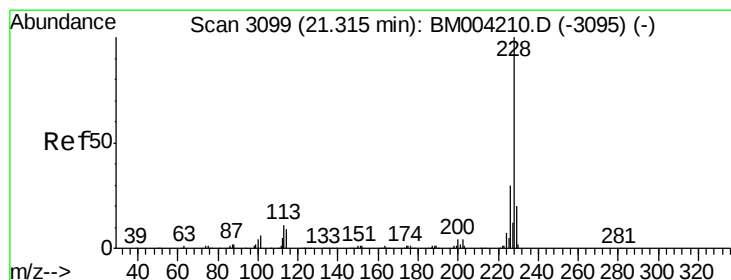
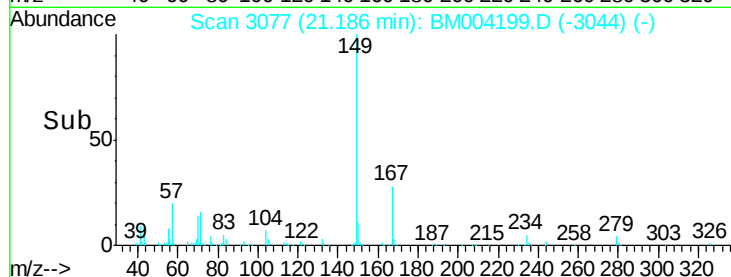
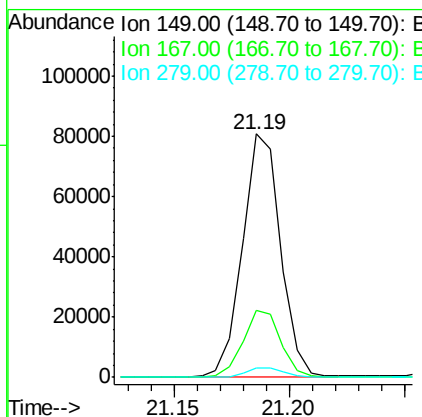
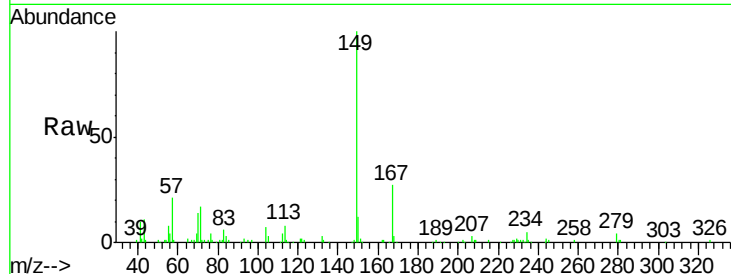
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.65 ng/ul
 RT: 21.19 min Scan# 3077
 Delta R.T. -0.01 min
 Lab File: BM004199.D
 Acq: 08 Feb 2016 14:35

Instrument :
 BNA_M
 ClientSampled :
 C04K3

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	93421		
167	27.5	21.6	32.4	
279	3.9	3.0	4.4	

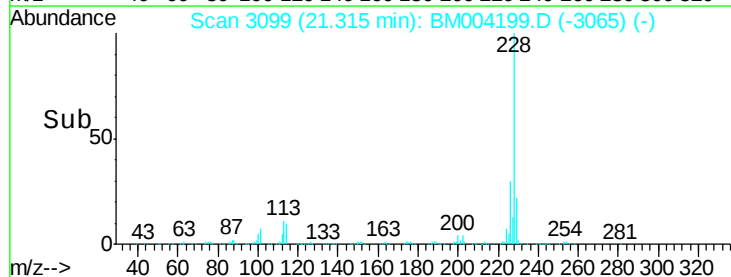
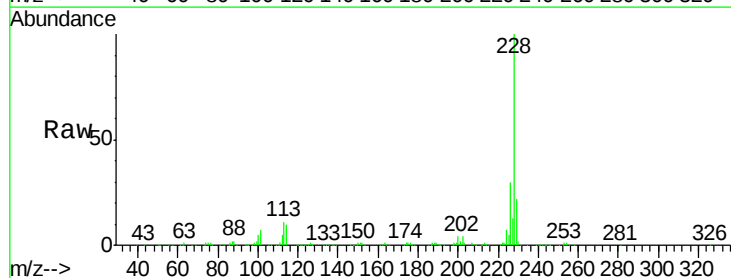
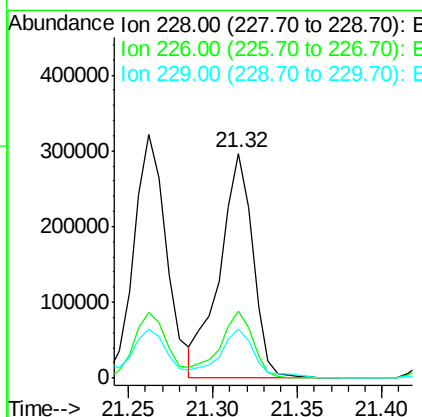
Manual Integrations
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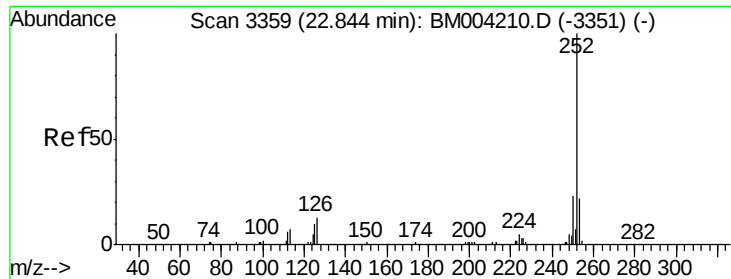
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#85
 Chrysene
 Concen: 29.85 ng/ul
 RT: 21.32 min Scan# 3099
 Delta R.T. 0.00 min
 Lab File: BM004199.D
 Acq: 08 Feb 2016 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	402114		
226	29.8	24.0	36.0	
229	22.1	15.6	23.4	





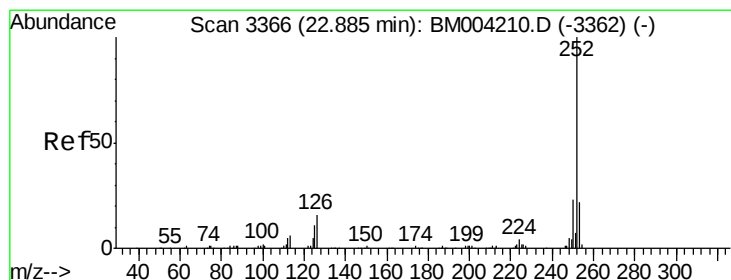
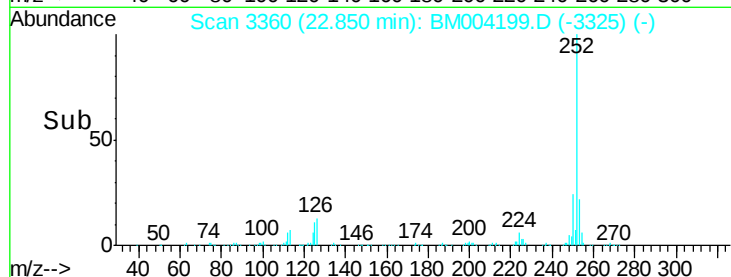
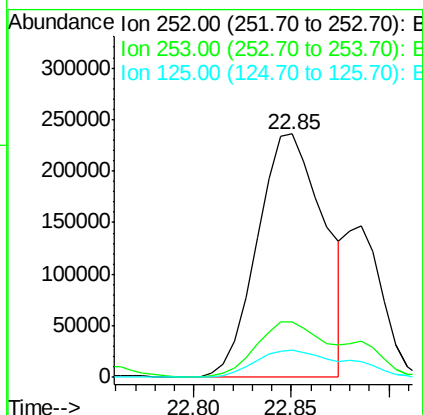
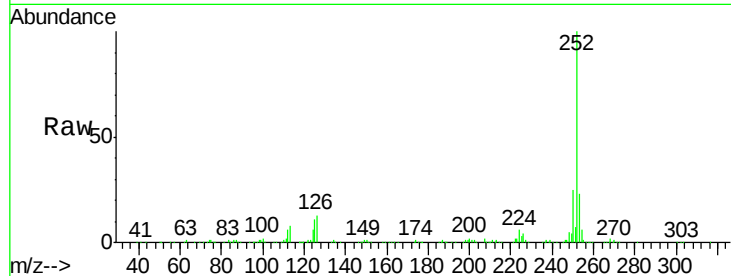
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Benzo(b)fluoranthene
Concen: 39.05 ng/ul
RT: 22.85 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM004199.D
Acq: 08 Feb 2016 14:35

Instrument :
BNA_M
ClientSampleId :
C04K3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	11.3	8.5	12.7

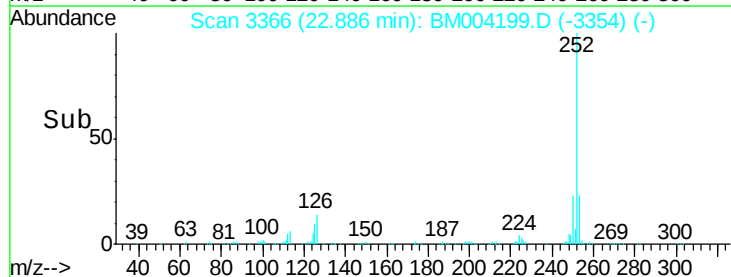
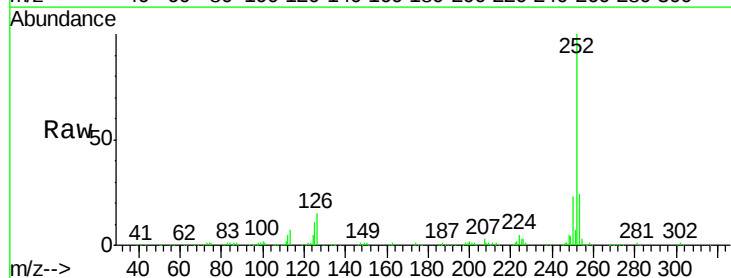
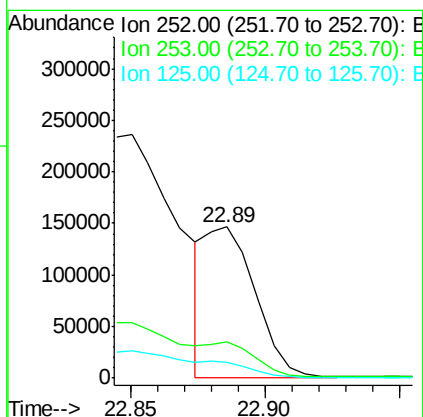
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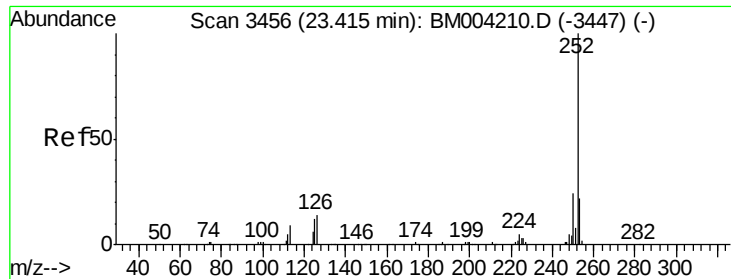
Sohil
2/9/2016 3:30:39 PM



#89
Benzo(k)fluoranthene
Concen: 14.11 ng/ul m
RT: 22.89 min Scan# 3366
Delta R.T. 0.00 min
Lab File: BM004199.D
Acq: 08 Feb 2016 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	10.5	8.2	12.2





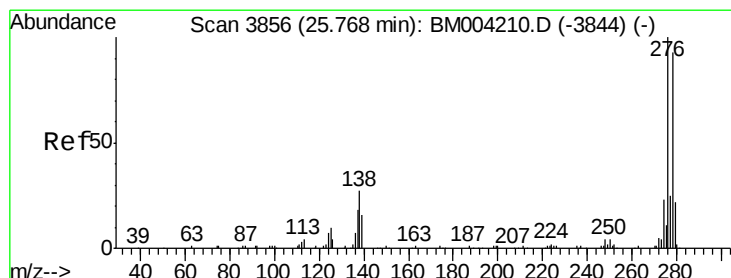
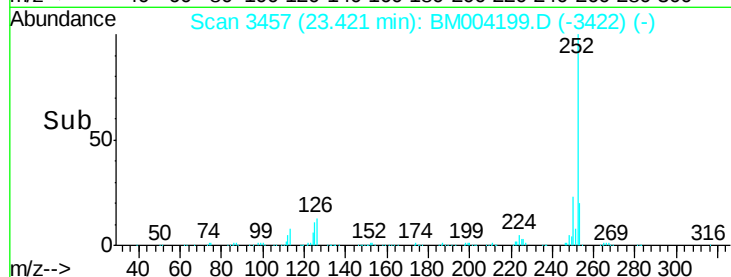
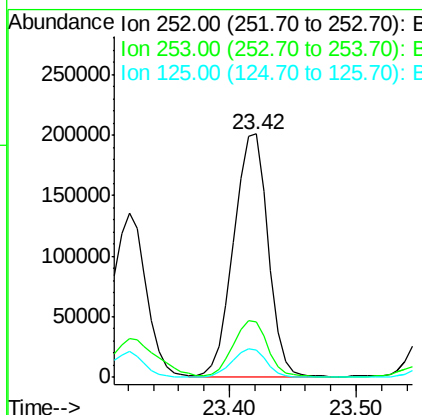
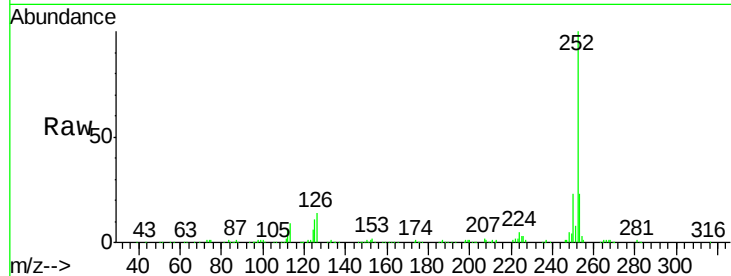
#91
Benzo(a)pyrene
Concen: 27.18 ng/u1
RT: 23.42 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM004199.D
Acq: 08 Feb 2016 14:35

Instrument :
BNA_M
ClientSampleId :
C04K3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	11.3	9.0	13.6

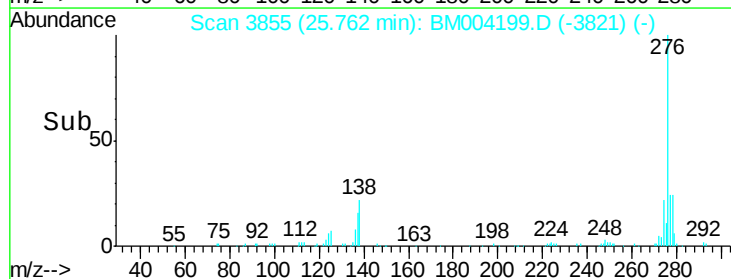
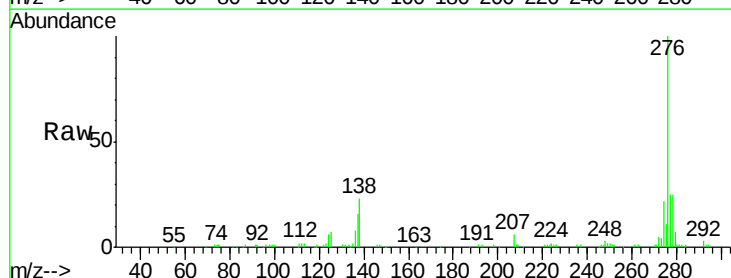
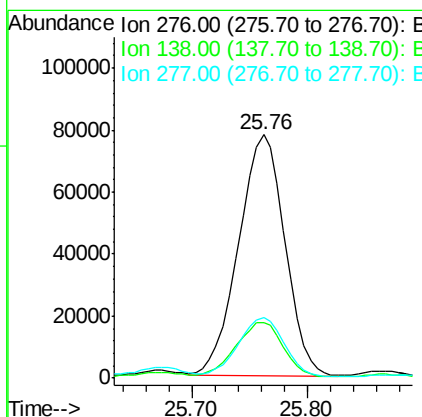
Manual Integrations
APPROVED

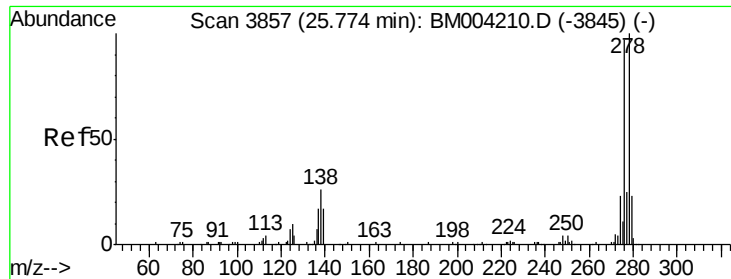
Sohil
2/9/2016 3:30:39 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 13.21 ng/u1
RT: 25.76 min Scan# 3855
Delta R.T. 0.00 min
Lab File: BM004199.D
Acq: 08 Feb 2016 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	22.3	33.5
277	24.8	20.2	30.2





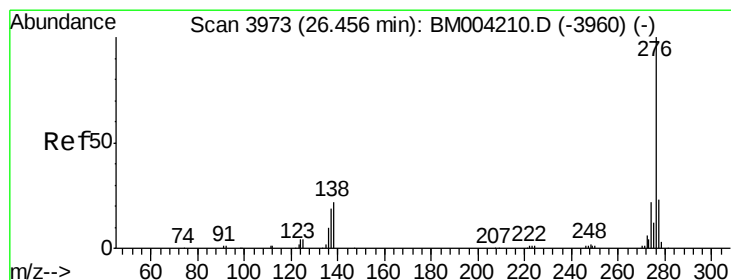
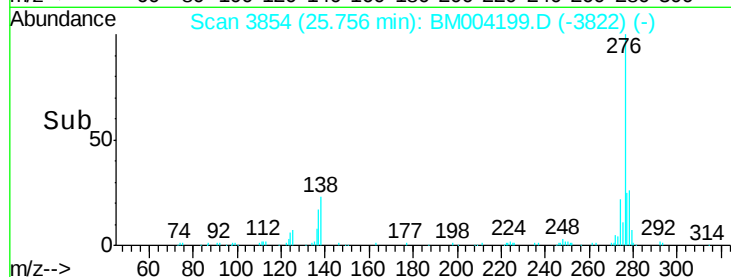
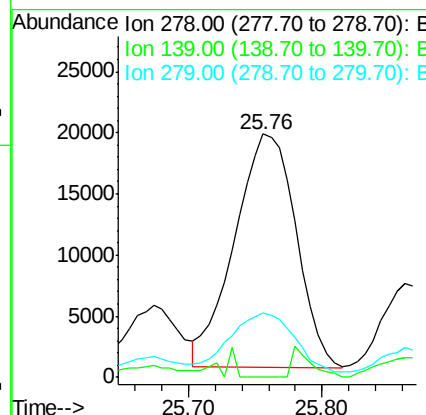
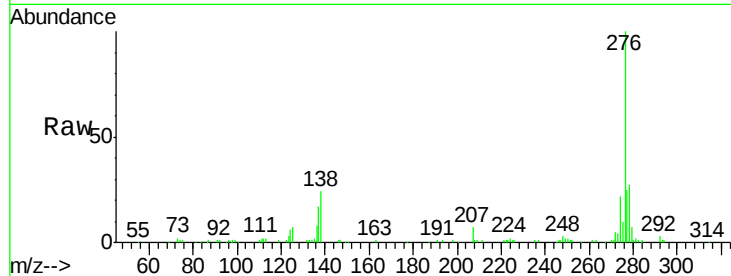
#93
Dibenzo(a,h)anthracene
Concen: 4.44 ng/ul
RT: 25.76 min Scan# 3854
Delta R.T. -0.01 min
Lab File: BM004199.D
Acq: 08 Feb 2016 14:35

Instrument :
BNA_M
ClientSampleId :
C04K3

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	26.7	19.0	28.4

Manual Integrations
APPROVED

Sohil
2/9/2016 3:30:39 PM



#94
Benzo(g,h,i)perylene
Concen: 11.44 ng/ul
RT: 26.45 min Scan# 3972
Delta R.T. 0.00 min
Lab File: BM004199.D
Acq: 08 Feb 2016 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.9	28.3
277	24.4	19.2	28.8

