

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
 Data File : BM004661.D
 Acq On : 17 Mar 2016 11:54
 Operator : UM/SJ
 Sample : H1779-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCA10

Manual Integrations
 APPROVED

Sohil
 3/18/2016 3:57:57 PM

Quant Time: Mar 17 12:52:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 17 01:59:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	69713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	300714	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	165883	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	365946	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	392823	20.00	ng/ul	0.00
86) Perylene-d12	23.71	264	393371	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	5377	2.66	ng/uL	0.00
5) Phenol-d5	7.00	99	106084	18.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	62624	19.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	85883	18.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	83454	18.07	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	37762	18.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	40627	17.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	80924	18.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	103870	19.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	250204	19.29	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	312633	19.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	28556	11.39	ng/ul	0.00
58) Fluorene-d10	15.47	176	226176	20.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	21794	11.33	ng/ul	0.00
71) Anthracene-d10	17.32	188	352050	20.90	ng/ul	0.00
79) Pyrene-d10	19.61	212	402462	22.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	418008	23.79	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.93	163	109235	8.30	ng/ul	99
69) Pentachlorophenol	16.87	266	3123	1.16	ng/ul	93
70) Phenanthrene	17.26	178	39259	1.88	ng/ul	98
72) Anthracene	17.35	178	52724	2.50	ng/ul	99
77) Fluoranthene	19.27	202	572066	24.78	ng/ul	98
80) Pyrene	19.64	202	635202	26.68	ng/ul	99
83) Benzo(a)anthracene	21.39	228	539250	23.52	ng/ul	98
85) Chrysene	21.44	228	583580	26.65	ng/ul	98
88) Benzo(b)fluoranthene	23.02	252	1053729	44.92	ng/ul	98
89) Benzo(k)fluoranthene	23.06	252	366577m	16.44	ng/ul	
91) Benzo(a)pyrene	23.61	252	778268	34.62	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.04	276	611998	24.22	ng/ul#	94
93) Dibenzo(a,h)anthracene	26.05	278	153027m	7.32	ng/ul	
94) Benzo(g,h,i)perylene	26.76	276	616890	28.82	ng/ul	99

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

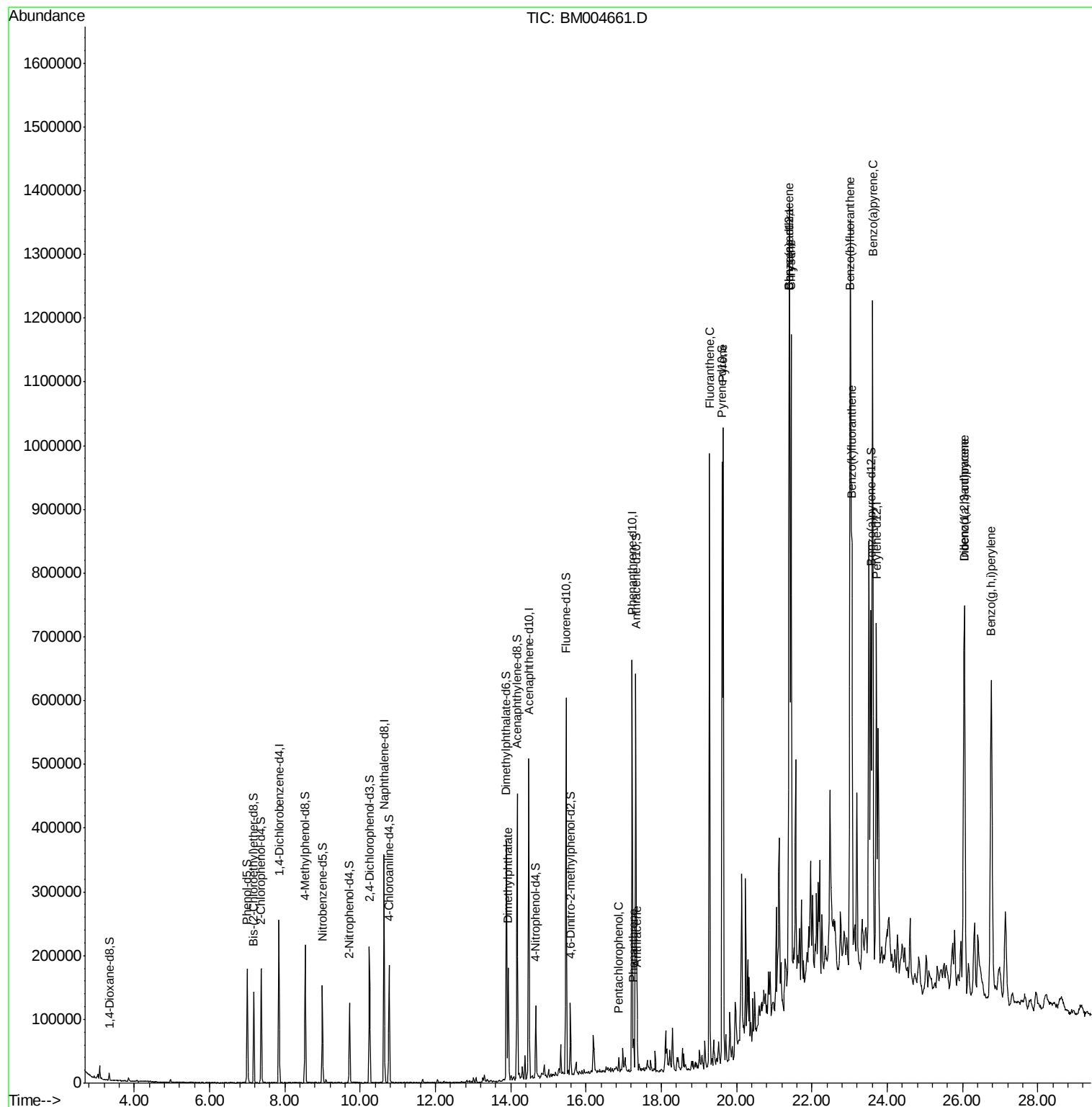
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004661.D
Acq On : 17 Mar 2016 11:54
Operator : UM/SJ
Sample : H1779-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

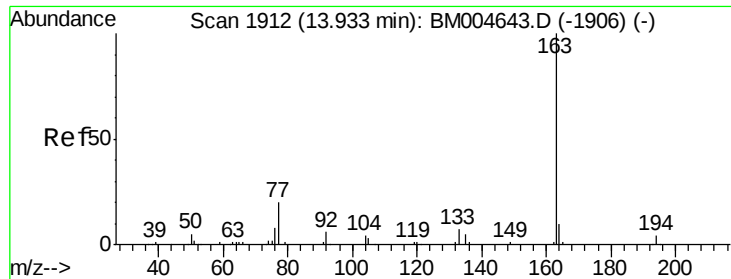
Instrument :
BNA_M
ClientSampled :
BCA10

Manual Integrations
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Quant Time: Mar 17 12:52:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 17 01:59:21 2016
Response via : Initial Calibration





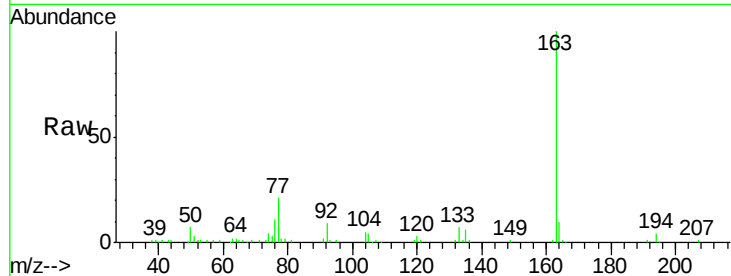
#45
Dimethylphthalate
Concen: 8.30 ng/ul
RT: 13.93 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM004661.D
Acq: 17 Mar 2016 11:54

Instrument :
BNA_M
ClientSampled :
BCA10

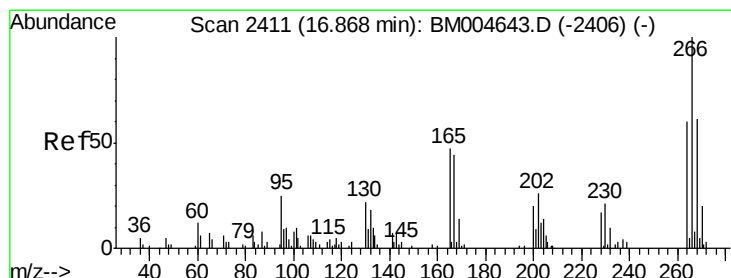
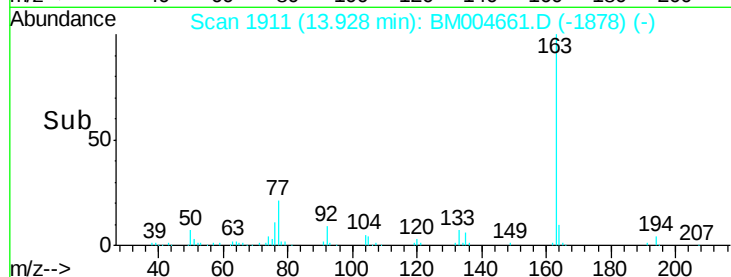
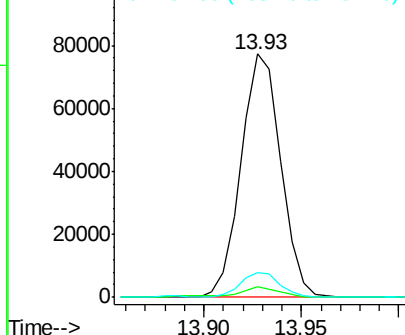
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.4	3.2	4.8
164	10.3	7.8	11.8

Manual Integrations
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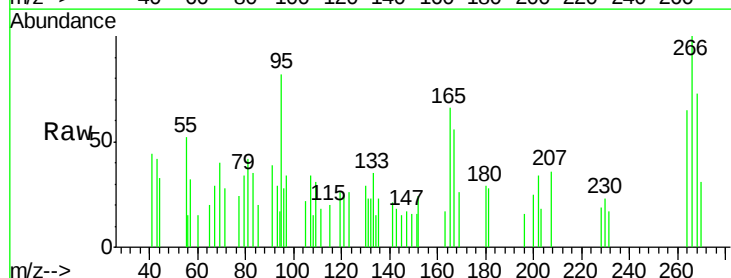


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

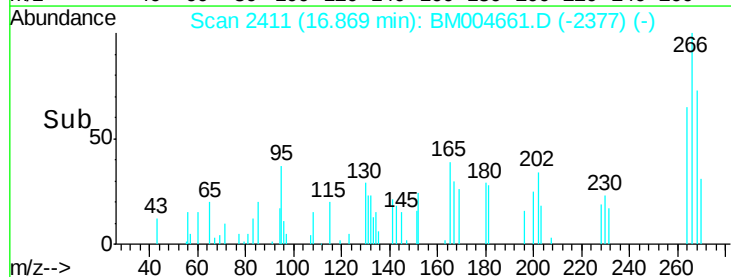
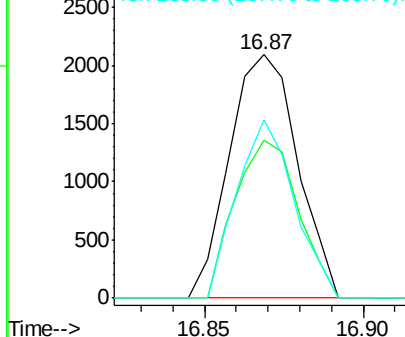


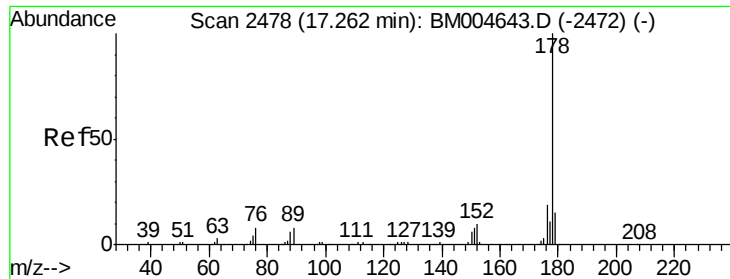
#69
Pentachlorophenol
Concen: 1.16 ng/ul
RT: 16.87 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM004661.D
Acq: 17 Mar 2016 11:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	65.0	50.5	75.7
268	73.3	50.9	76.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





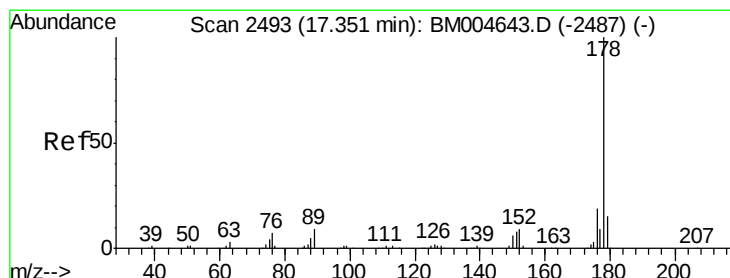
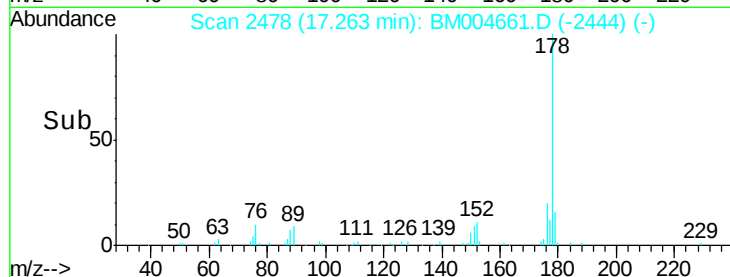
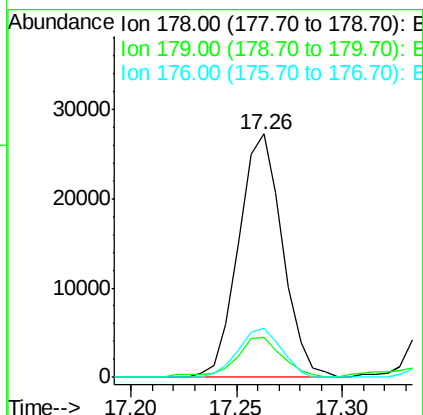
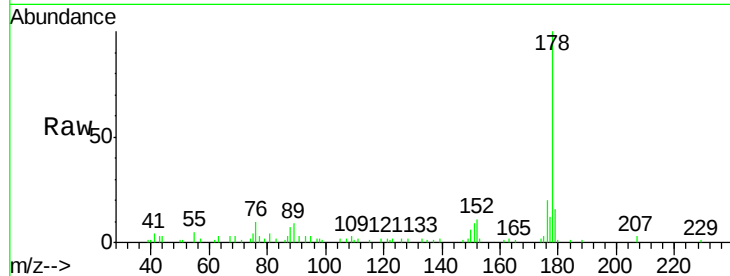
#70
Phenanthrene
Concen: 1.88 ng/ul
RT: 17.26 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BM004661.D
Acq: 17 Mar 2016 11:54

Instrument :
BNA_M
ClientSampleId :
BCA10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.4
176	20.1	15.6	23.4

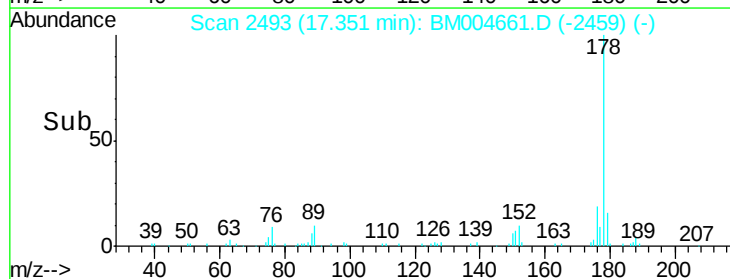
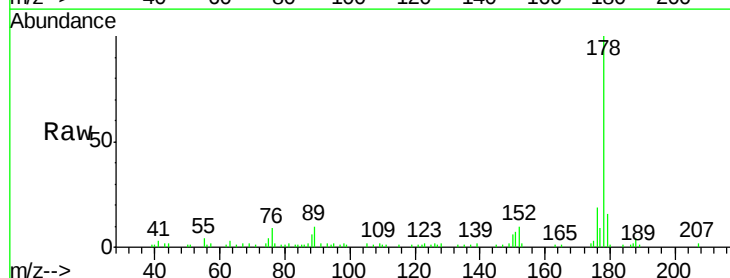
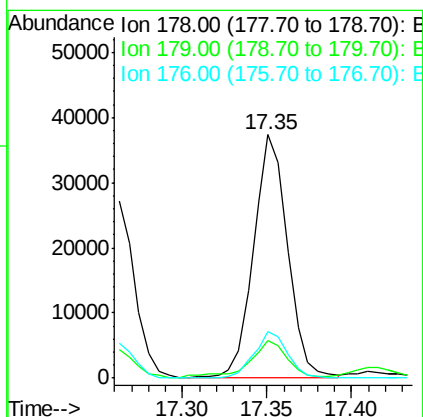
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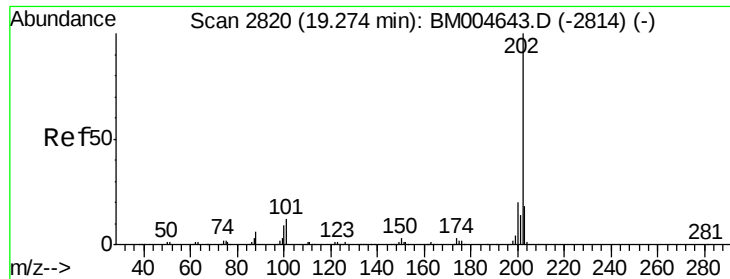
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#72
Anthracene
Concen: 2.50 ng/ul
RT: 17.35 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BM004661.D
Acq: 17 Mar 2016 11:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	19.1	14.8	22.2





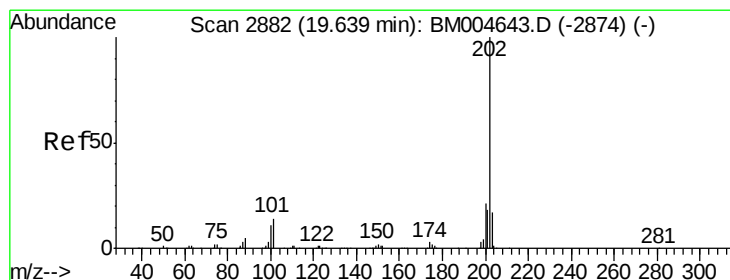
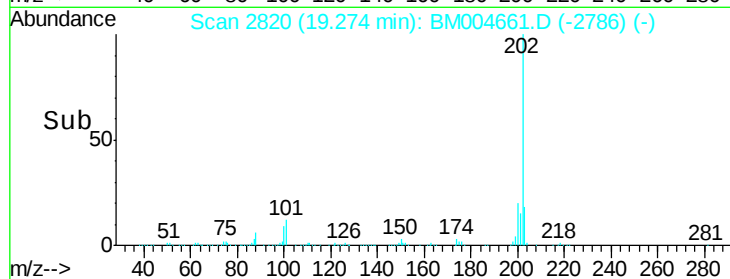
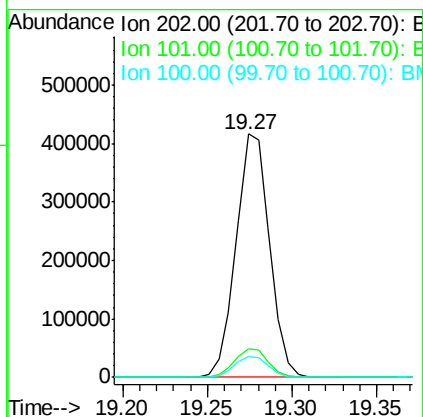
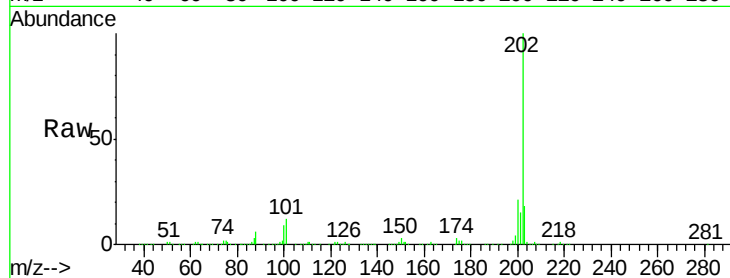
#77
Fluoranthene
Concen: 24.78 ng/ul
RT: 19.27 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BM004661.D
Acq: 17 Mar 2016 11:54

Instrument :
BNA_M
ClientSampleId :
BCA10

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.9	8.8	13.2
100	8.7	6.6	9.8

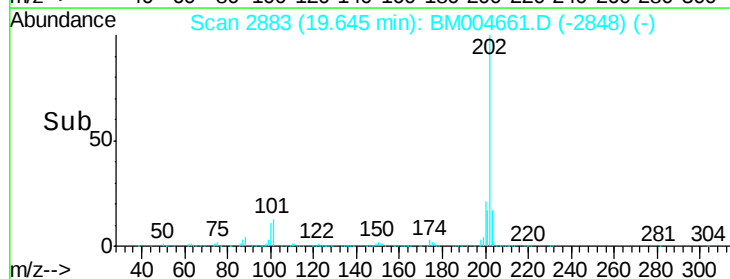
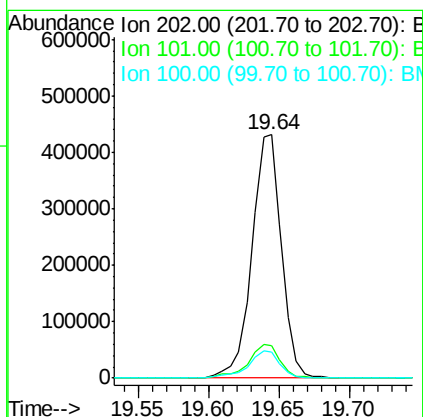
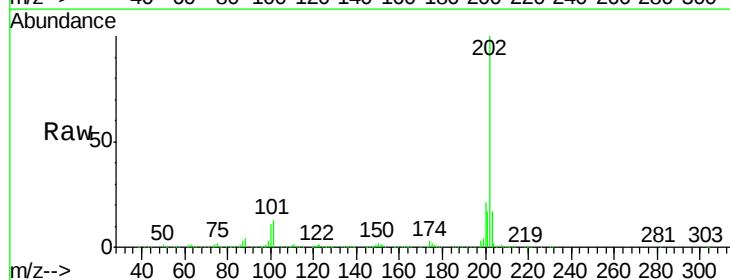
Manual Integrations
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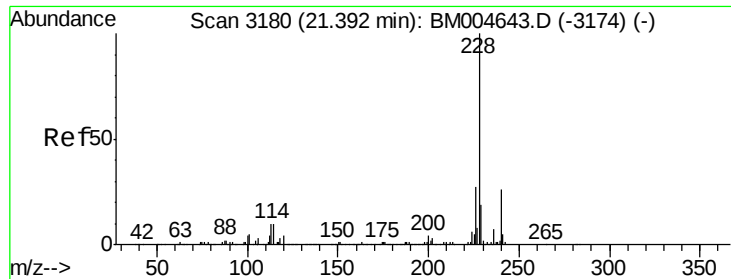
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#80
Pyrene
Concen: 26.68 ng/ul
RT: 19.64 min Scan# 2883
Delta R.T. 0.01 min
Lab File: BM004661.D
Acq: 17 Mar 2016 11:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.1	10.2	15.2
100	10.5	8.5	12.7





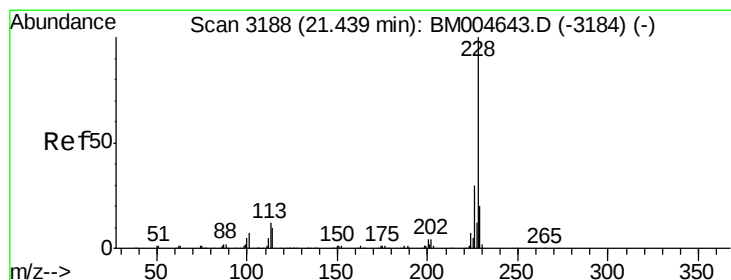
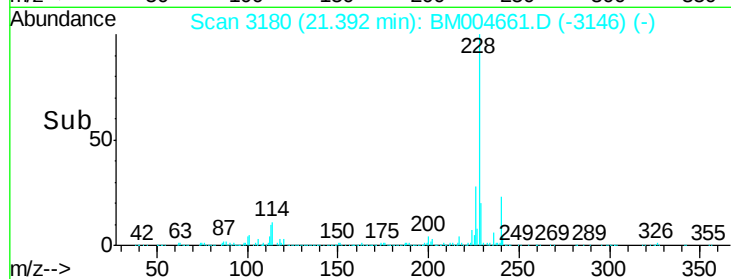
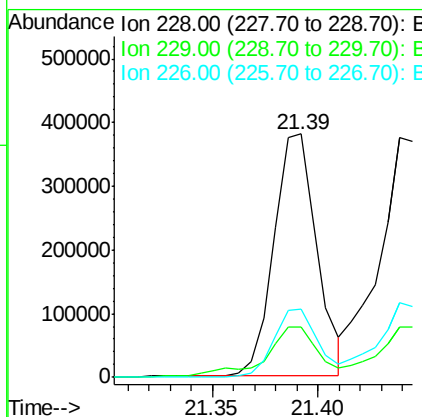
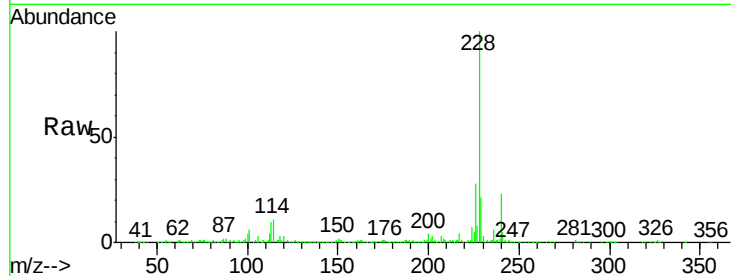
#83
Benzo(a)anthracene
Concen: 23.52 ng/ul
RT: 21.39 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BM004661.D
Acq: 17 Mar 2016 11:54

Instrument :
BNA_M
ClientSampleId :
BCA10

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	28.3	21.8	32.6

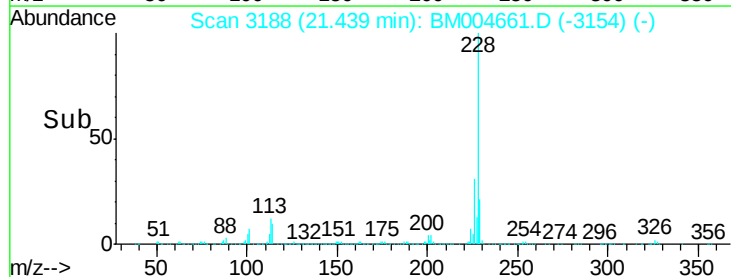
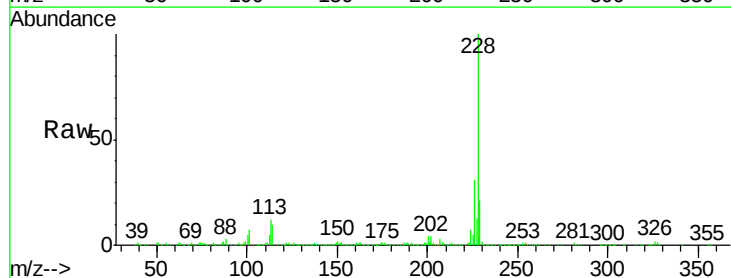
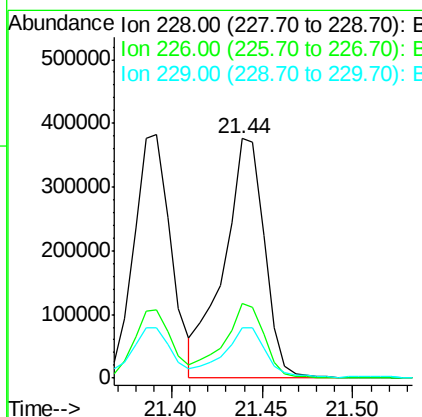
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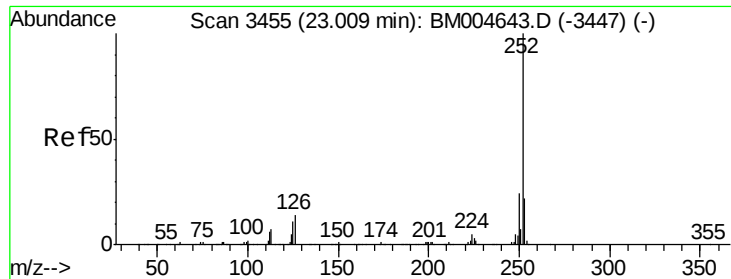
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#85
Chrysene
Concen: 26.65 ng/ul
RT: 21.44 min Scan# 3188
Delta R.T. 0.00 min
Lab File: BM004661.D
Acq: 17 Mar 2016 11:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	21.2	15.6	23.4





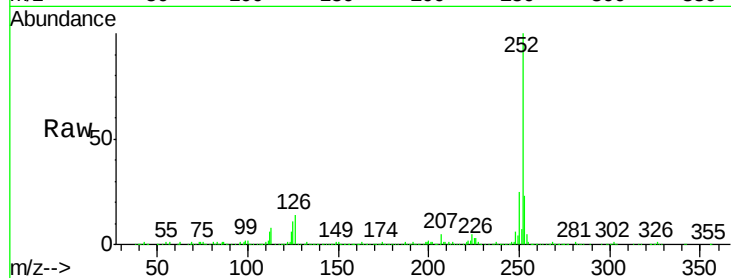
#88
Benzo(b)fluoranthene
Concen: 44.92 ng/ul
RT: 23.02 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BM004661.D
Acq: 17 Mar 2016 11:54

Instrument :
BNA_M
ClientSampleId :
BCA10

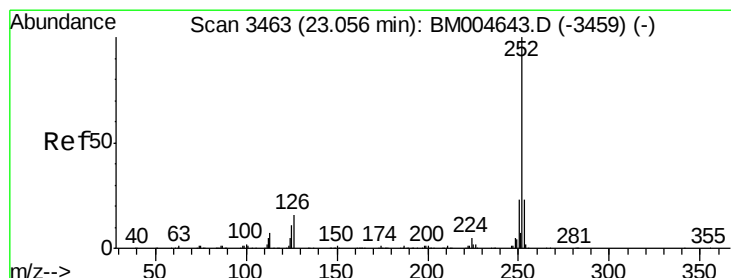
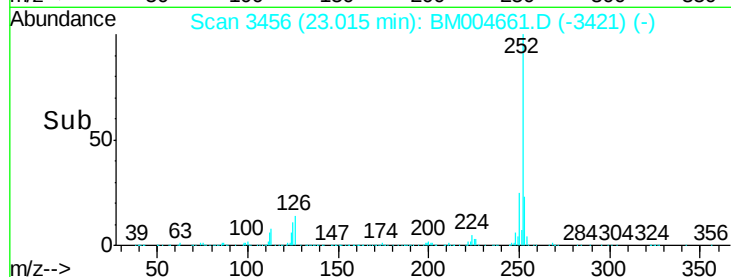
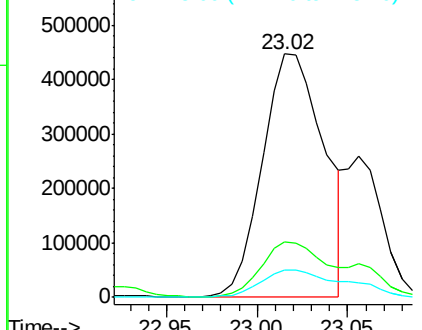
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	11.1	8.5	12.7

Manual Integrations
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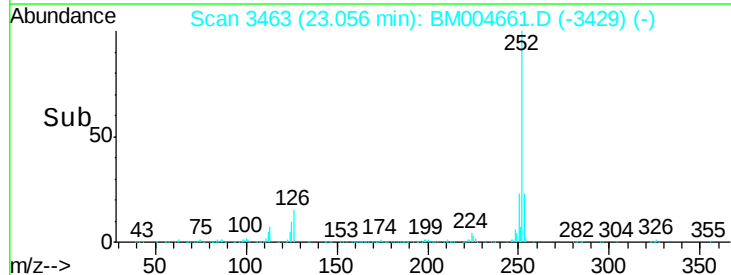
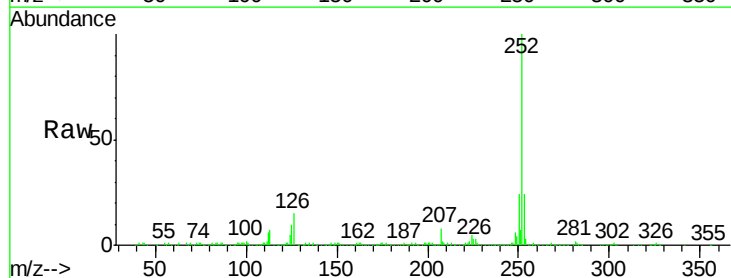
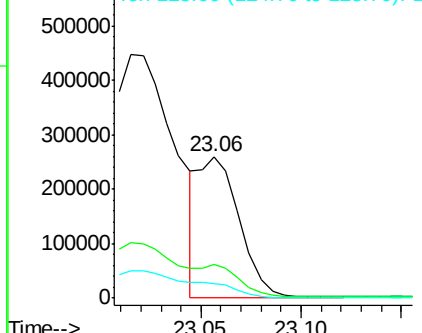
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Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

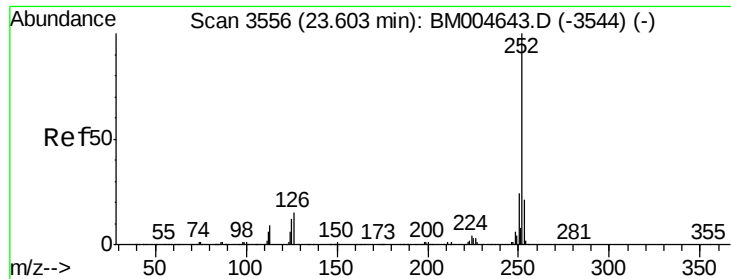


#89
Benzo(k)fluoranthene
Concen: 16.44 ng/ul m
RT: 23.06 min Scan# 3463
Delta R.T. 0.00 min
Lab File: BM004661.D
Acq: 17 Mar 2016 11:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	10.5	8.2	12.2

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





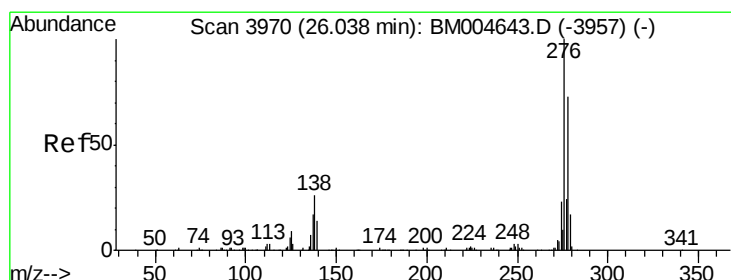
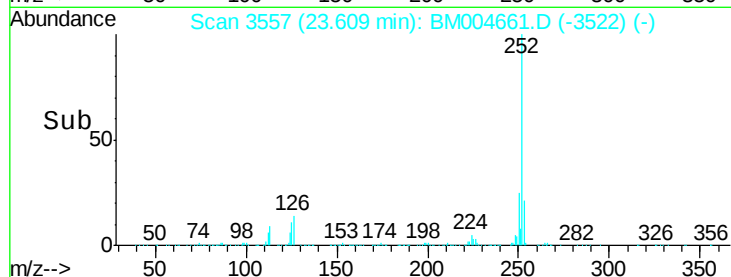
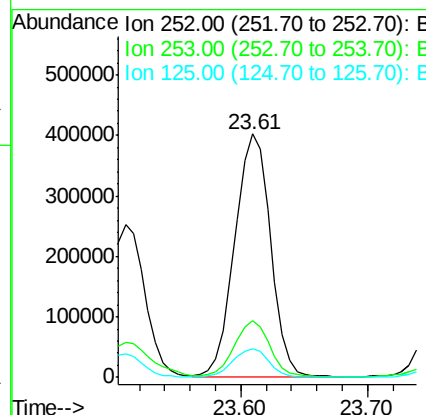
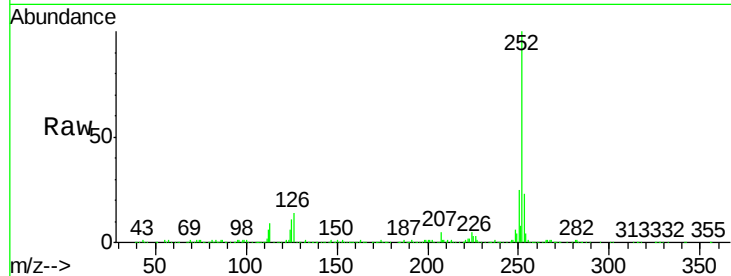
#91
Benzo(a)pyrene
Concen: 34.62 ng/ul
RT: 23.61 min Scan# 3557
Delta R.T. 0.01 min
Lab File: BM004661.D
Acq: 17 Mar 2016 11:54

Instrument :
BNA_M
ClientSampleId :
BCA10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	11.5	9.0	13.6

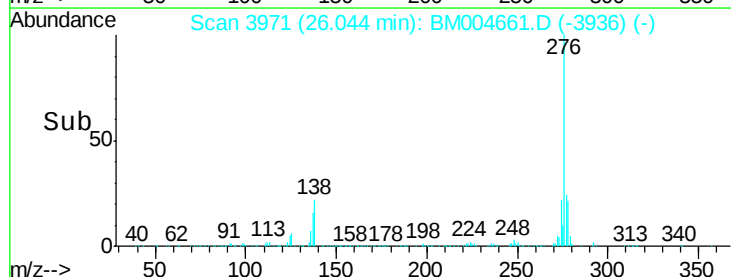
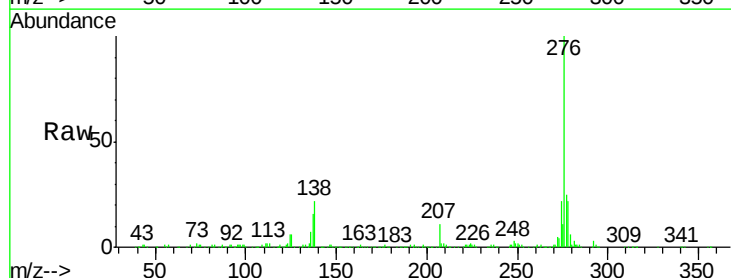
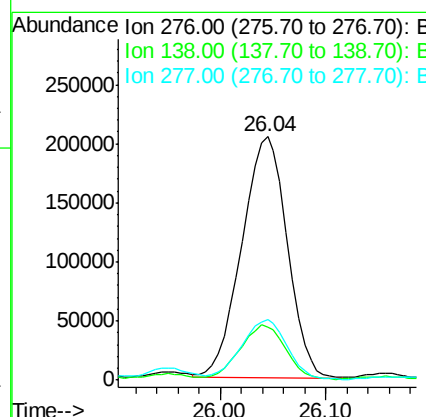
Manual Integrations
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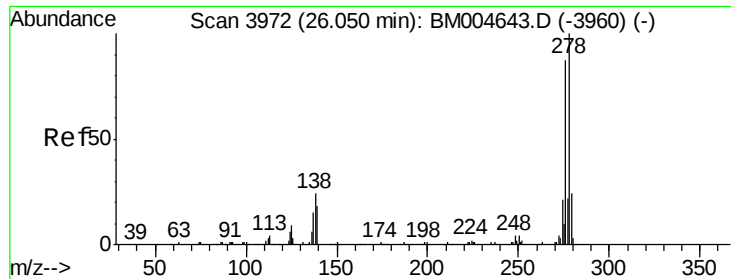
Sohil
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#92
Indeno(1,2,3-cd)pyrene
Concen: 24.22 ng/ul
RT: 26.04 min Scan# 3971
Delta R.T. 0.01 min
Lab File: BM004661.D
Acq: 17 Mar 2016 11:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	22.3	33.5#
277	24.7	20.2	30.2





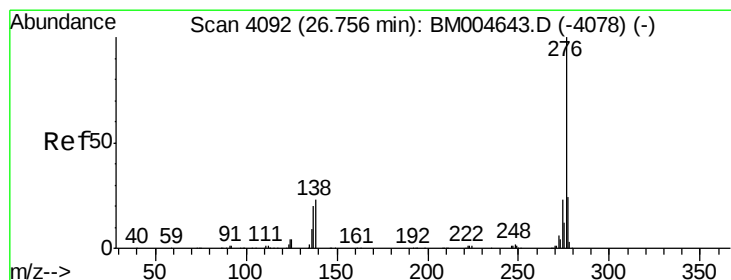
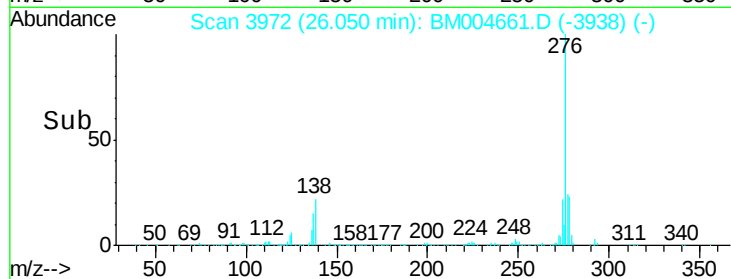
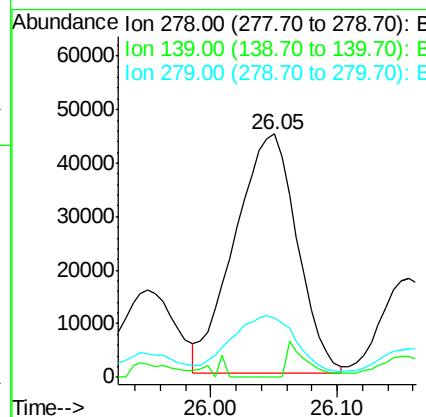
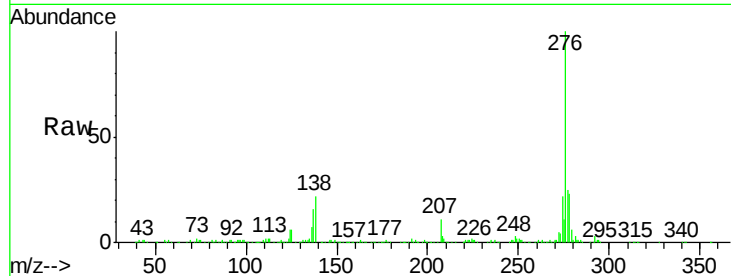
#93
Dibenzo(a,h)anthracene
Concen: 7.32 ng/ul m
RT: 26.05 min Scan# 3972
Delta R.T. 0.00 min
Lab File: BM004661.D
Acq: 17 Mar 2016 11:54

Instrument :
BNA_M
ClientSampleId :
BCA10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	24.2	19.0	28.4

Manual Integrations
APPROVED

Sohil
3/18/2016 3:57:57 PM



#94
Benzo(g,h,i)perylene
Concen: 28.82 ng/ul
RT: 26.76 min Scan# 4093
Delta R.T. 0.01 min
Lab File: BM004661.D
Acq: 17 Mar 2016 11:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.9	28.3
277	23.7	19.2	28.8

