

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\
 Data File : BM002157.D
 Acq On : 31 Jul 2015 15:39
 Operator : TP/UM
 Sample : G3065-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02H5

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 3:40:00 PM

Quant Time: Aug 01 03:07:31 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 02:15:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	75027	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	296336	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	174702	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	398716	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	485915	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	498165	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	2749	1.90	ng/uL	0.00
5) Phenol-d5	6.76	99	61174	11.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	36681	12.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	54560	12.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	32192	7.55	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	25631	12.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	27522	11.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	49130	10.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	43030	8.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	161437	12.62	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	177784	11.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	8151	3.82	ng/ul	0.00
58) Fluorene-d10	15.24	176	129299	11.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	5954	2.44	ng/ul	0.00
71) Anthracene-d10	17.09	188	193667	10.88	ng/ul	0.00
79) Pyrene-d10	19.40	212	231181	11.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	263844	10.93	ng/ul	0.01

Target Compounds

						Ovalue
45) Dimethylphthalate	13.70	163	28809	2.25	ng/ul#	98
70) Phenanthrene	17.03	178	111445	5.40	ng/ul	97
72) Anthracene	17.13	178	30579m	1.45	ng/ul	
77) Fluoranthene	19.06	202	191355	8.02	ng/ul	98
80) Pyrene	19.43	202	166032	6.28	ng/ul	99
83) Benzo(a)anthracene	21.19	228	104632	3.88	ng/ul#	91
84) Bis(2-ethylhexyl)phthalate	21.11	149	22382	1.45	ng/ul#	81
85) Chrysene	21.24	228	100780	4.00	ng/ul#	91
88) Benzo(b)fluoranthene	22.75	252	143876	5.14	ng/ul#	86
89) Benzo(k)fluoranthene	22.79	252	51402m	1.90	ng/ul	
91) Benzo(a)pyrene	23.31	252	100428	3.72	ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	25.61	276	72284	2.32	ng/ul	97
94) Benzo(g,h,i)perylene	26.30	276	65569	2.51	ng/ul#	93

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

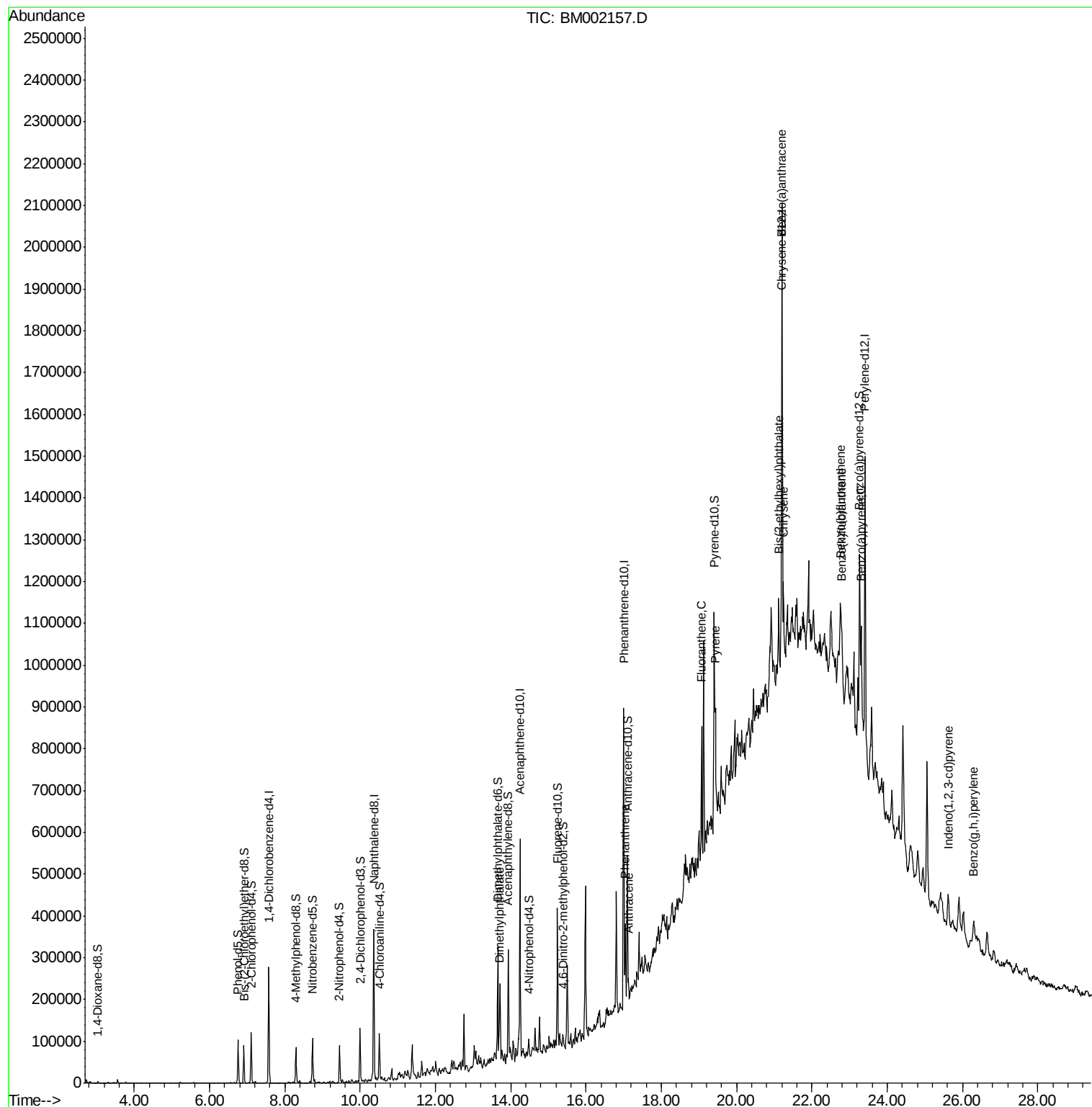
Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\
Data File : BM002157.D
Acq On : 31 Jul 2015 15:39
Operator : TP/UM
Sample : G3065-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

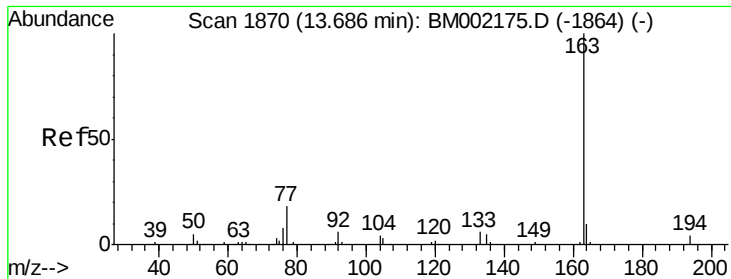
Instrument :
BNA_M
ClientSampleId :
C02H5

Quant Time: Aug 01 03:07:31 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 02:15:30 2015
Response via : Initial Calibration

Manual Integrations
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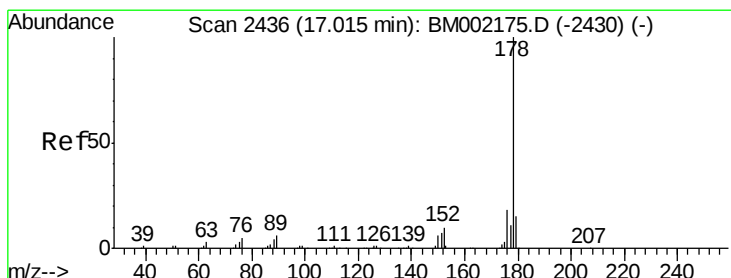
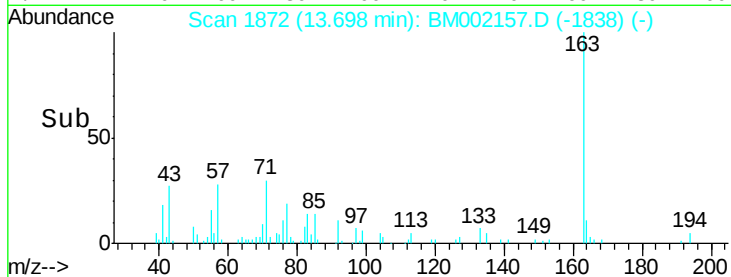
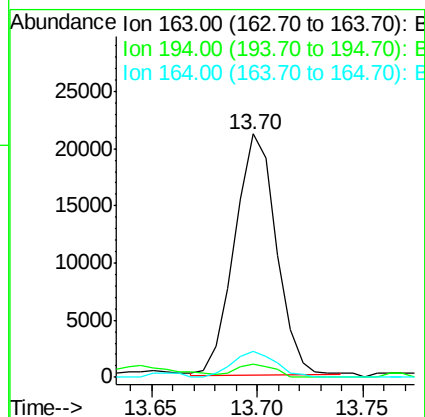
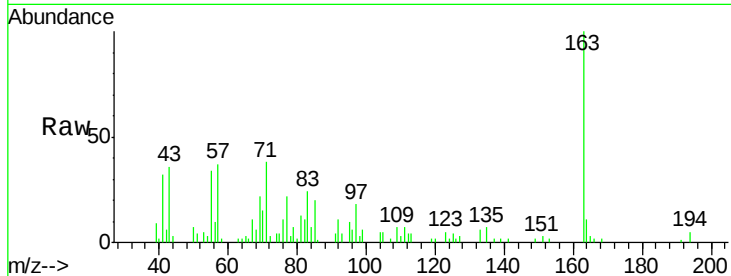
#45
Dimethylphthalate
Concen: 2.25 ng/ul
RT: 13.70 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Instrument :
BNA_M
ClientSampleId :
C02H5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	28809		
194	5.3	3.5	5.3#	
164	10.6	8.0	12.0	

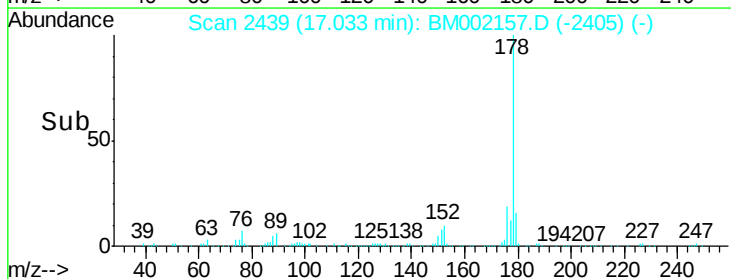
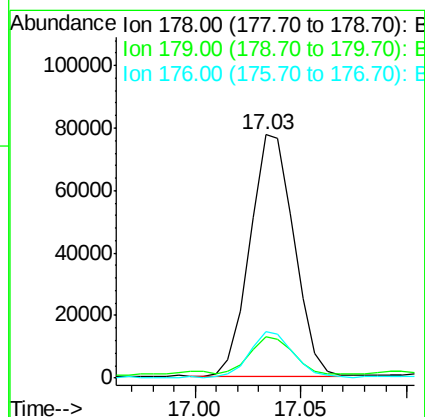
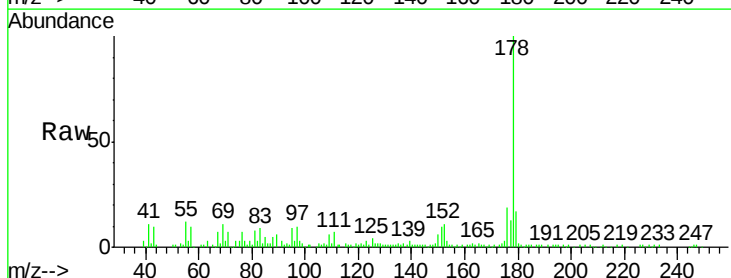
Manual Integrations
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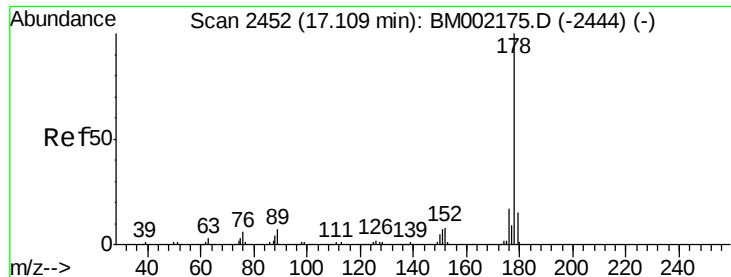
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#70
Phenanthrene
Concen: 5.40 ng/ul
RT: 17.03 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	111445		
179	17.0	12.5	18.7	
176	18.9	14.2	21.4	





#72

Anthracene

Concen: 1.45 ng/ul m

RT: 17.13 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BM002157.D

Acq: 31 Jul 2015 15:39

Instrument :

BNA_M

ClientSampleId :

C02H5

Tot Ion:178 Resp: 30579

Ion Ratio Lower Upper

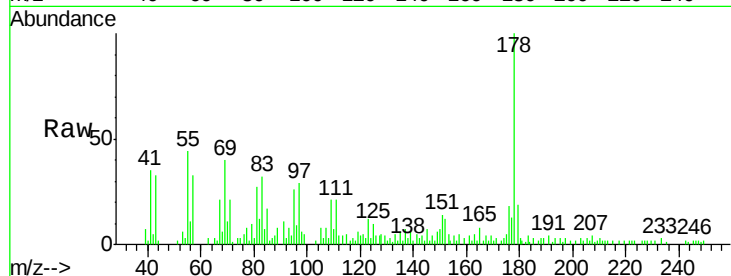
178 100

179 19.3 12.1 18.1#

176 18.2 14.1 21.1

Manual Integrations
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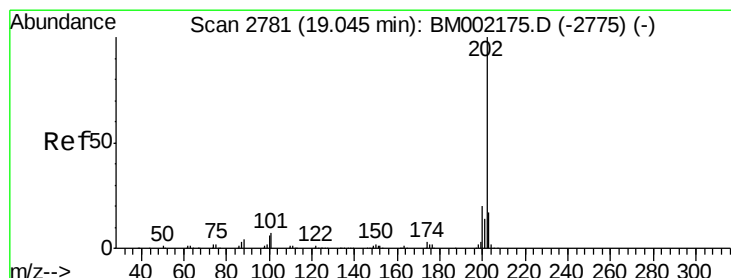
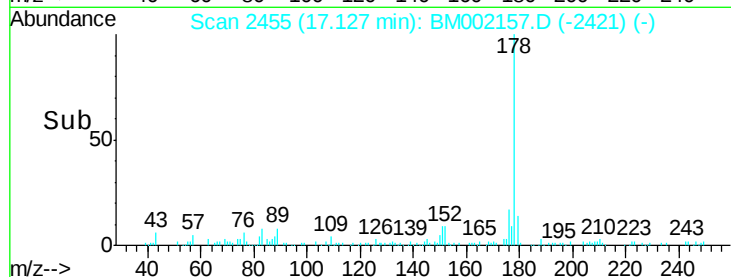
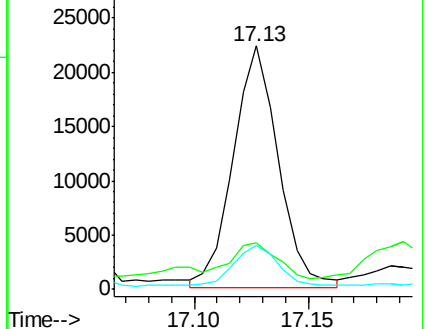
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 8.02 ng/ul

RT: 19.06 min Scan# 2784

Delta R.T. 0.00 min

Lab File: BM002157.D

Acq: 31 Jul 2015 15:39

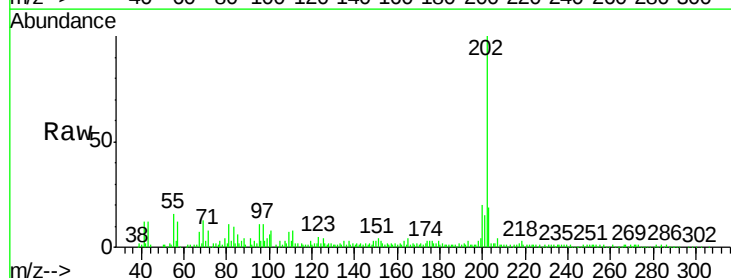
Tgt Ion:202 Resp: 191355

Ion Ratio Lower Upper

202 100

101 8.3 6.2 9.4

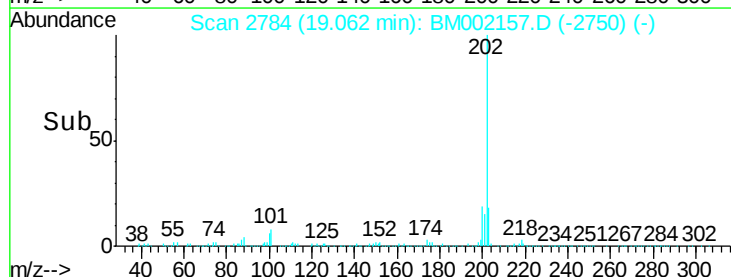
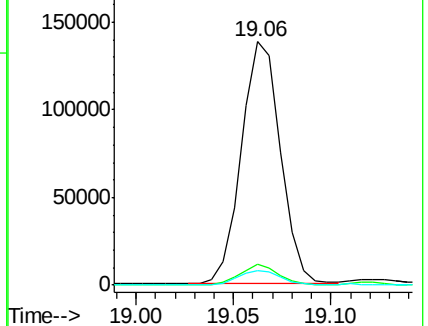
100 5.8 5.2 7.8

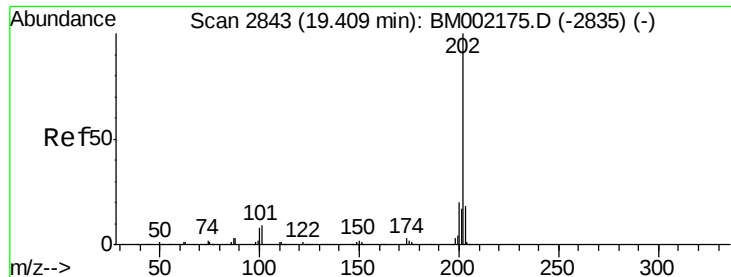


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





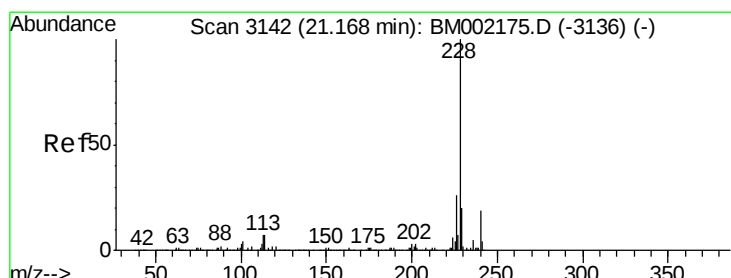
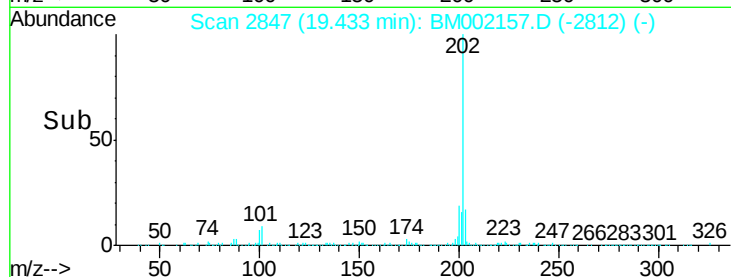
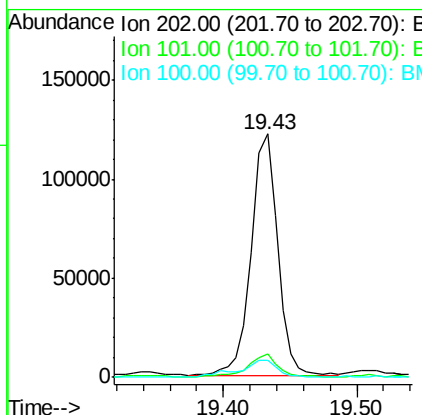
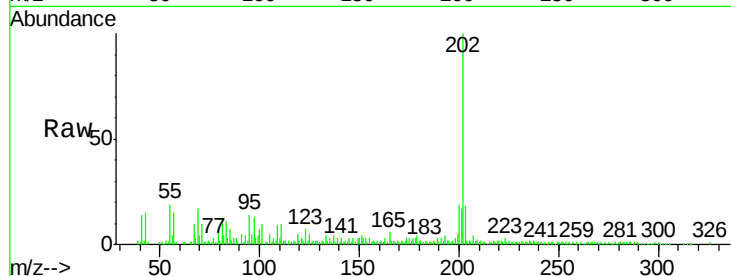
#80
Pvrene
Concen: 6.28 ng/ul
RT: 19.43 min Scan# 2847
Delta R.T. 0.01 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Instrument :
BNA_M
ClientSampleId :
C02H5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	7.4	11.2
100	7.2	6.3	9.5

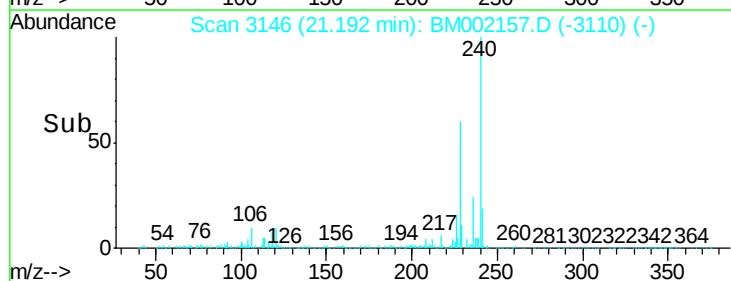
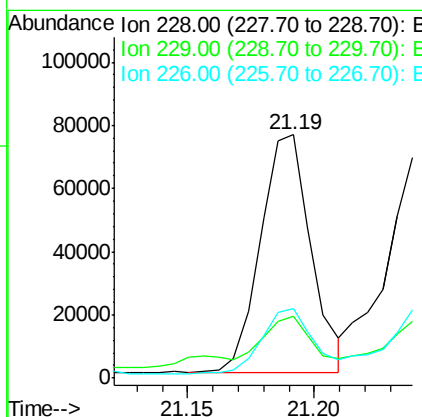
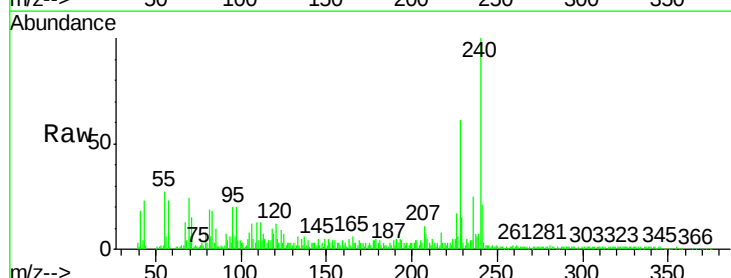
Manual Integrations
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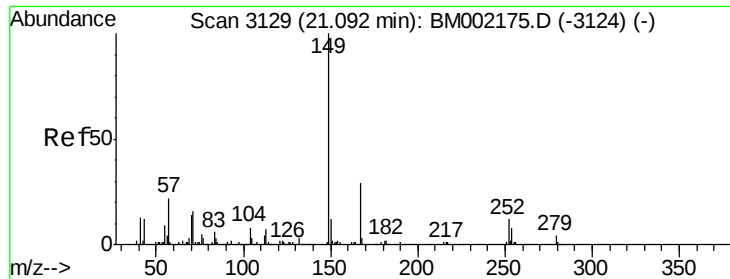
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#83
Benzo(a)anthracene
Concen: 3.88 ng/ul
RT: 21.19 min Scan# 3146
Delta R.T. 0.01 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	25.3	15.4	23.2#
226	28.5	20.5	30.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.45 ng/ul

RT: 21.11 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BM002157.D

Acq: 31 Jul 2015 15:39

Instrument :

BNA_M

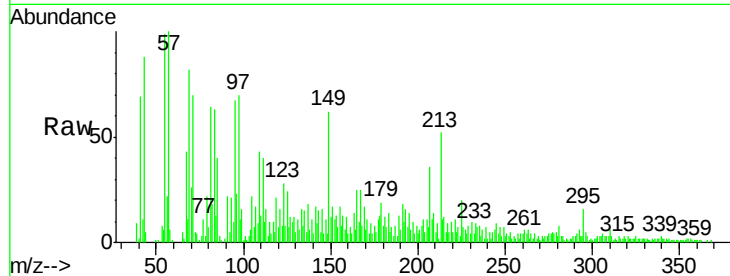
ClientSampleId :

C02H5

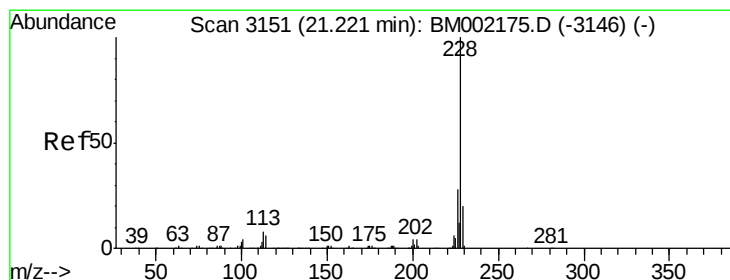
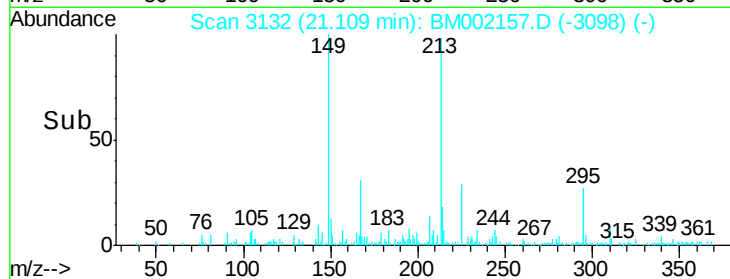
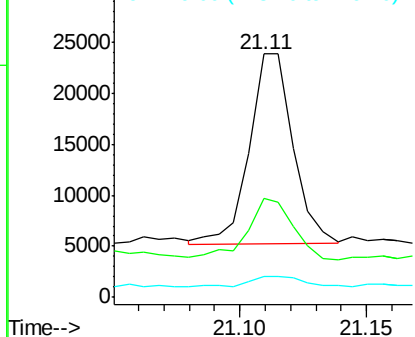
Tot Ion:	149	Resp:	22382
Ion Ratio	Lower	Upper	
149	100		
167	40.6	23.6	35.4#
279	8.4	4.2	6.4#

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 4.00 ng/ul

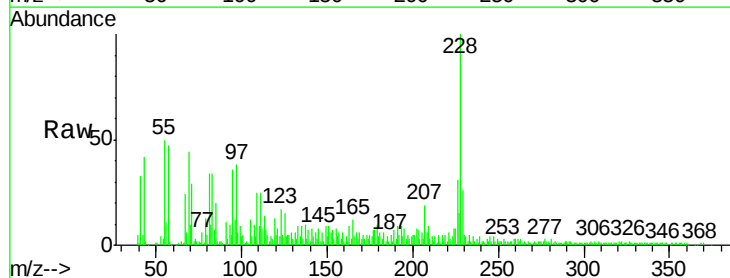
RT: 21.24 min Scan# 3154

Delta R.T. 0.00 min

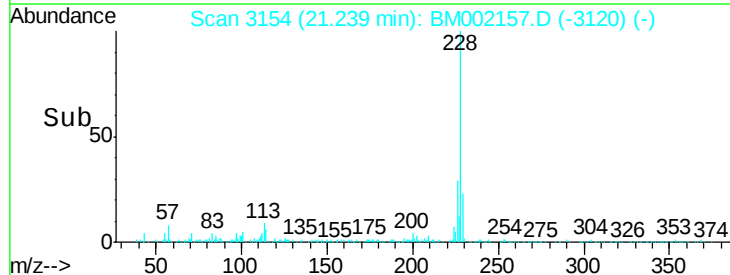
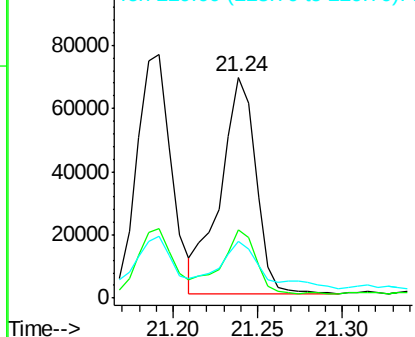
Lab File: BM002157.D

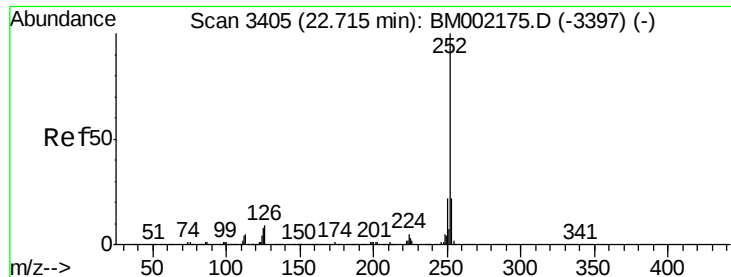
Acq: 31 Jul 2015 15:39

Tgt Ion:	228	Resp:	100780
Ion Ratio	Lower	Upper	
228	100		
226	30.6	22.3	33.5
229	25.8	15.5	23.3#



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





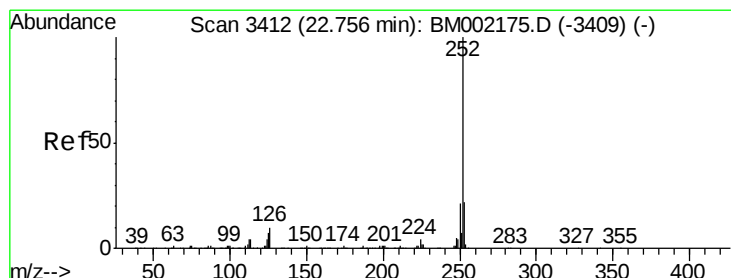
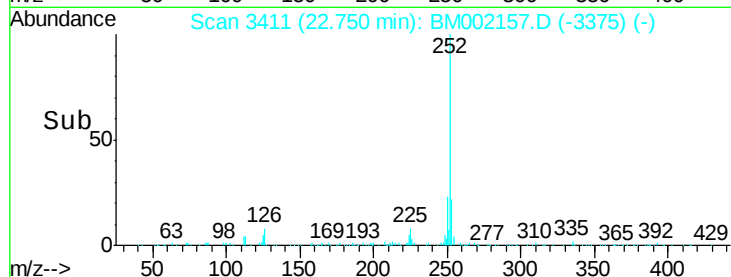
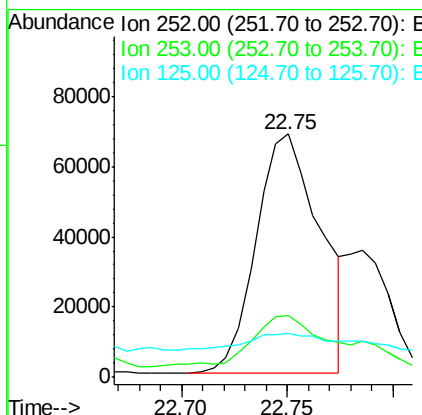
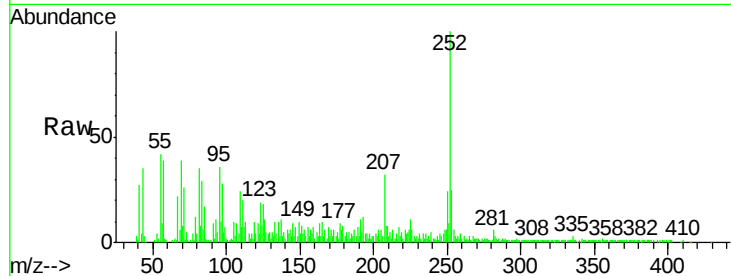
#88
Benzo(b)fluoranthene
Concen: 5.14 ng/ul
RT: 22.75 min Scan# 3411
Delta R.T. 0.01 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Instrument :
BNA_M
ClientSampleId :
C02H5

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	16.9	25.3
125	18.1	6.2	9.2

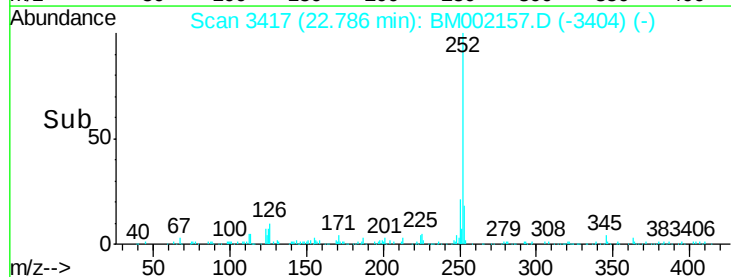
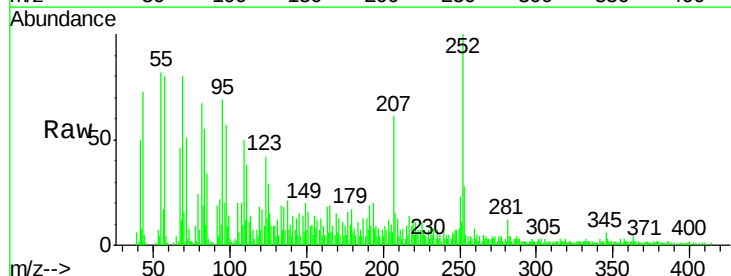
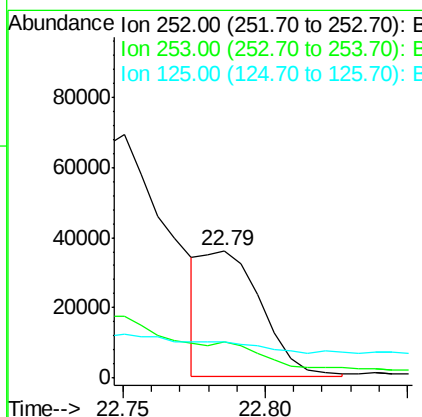
Manual Integrations
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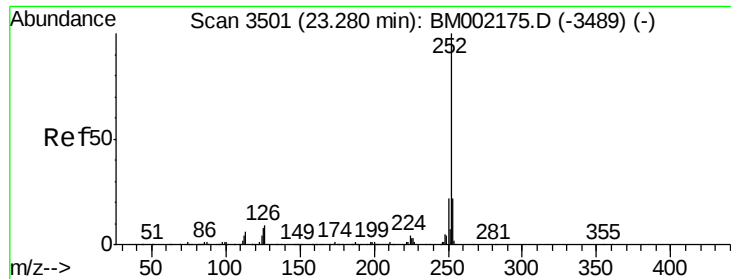
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8/3/2015 3:40:00 PM



#89
Benzo(k)fluoranthene
Concen: 1.90 ng/ul m
RT: 22.79 min Scan# 3417
Delta R.T. 0.01 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.4	26.0
125	28.6	6.2	9.4





#91

Benzo(a)pyrene

Concen: 3.72 ng/ul

RT: 23.31 min Scan# 3506

Delta R.T. 0.01 min

Lab File: BM002157.D

Acq: 31 Jul 2015 15:39

Instrument :

BNA_M

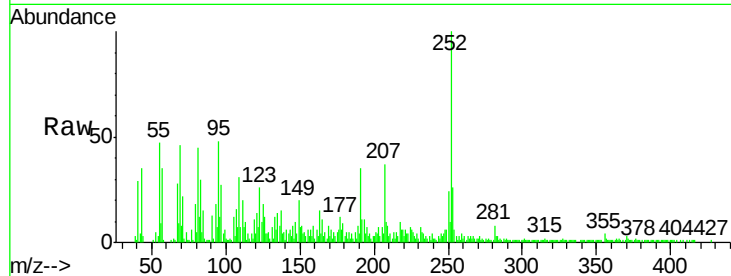
ClientSampled :

C02H5

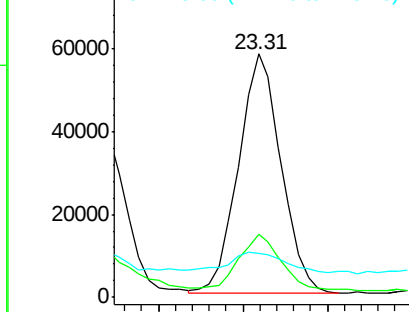
Tot Ion:	252	Resp:	100428
Ion Ratio		Lower	Upper
252	100		
253	26.1	17.2	25.8#
125	18.3	6.6	10.0#

Manual Integrations
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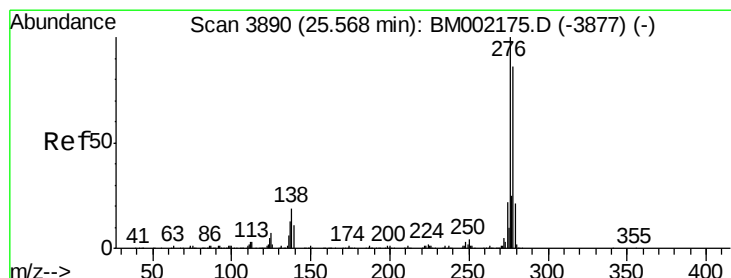
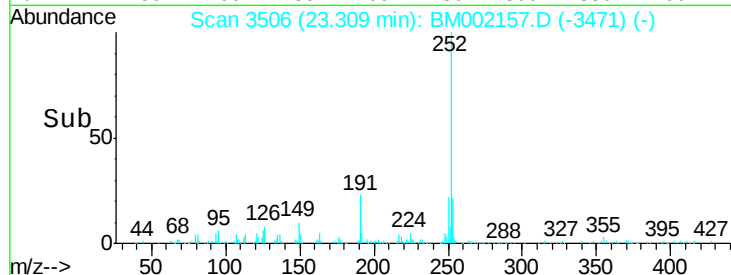
MMDadoda
8/3/2015 3:40:00 PM



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



Time-->



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.32 ng/ul

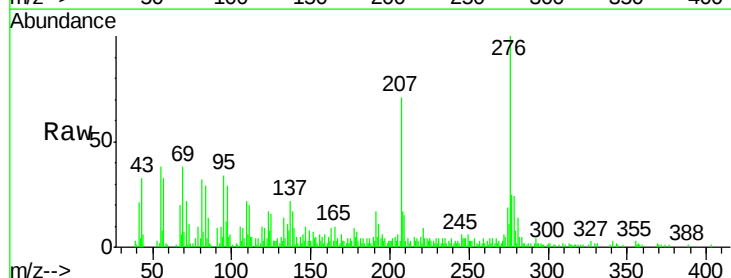
RT: 25.61 min Scan# 3898

Delta R.T. 0.01 min

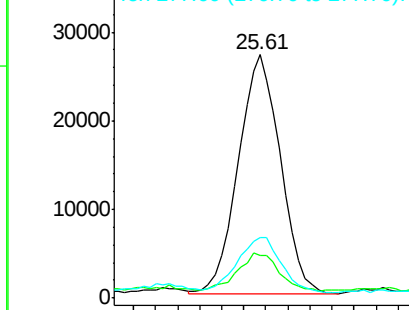
Lab File: BM002157.D

Acq: 31 Jul 2015 15:39

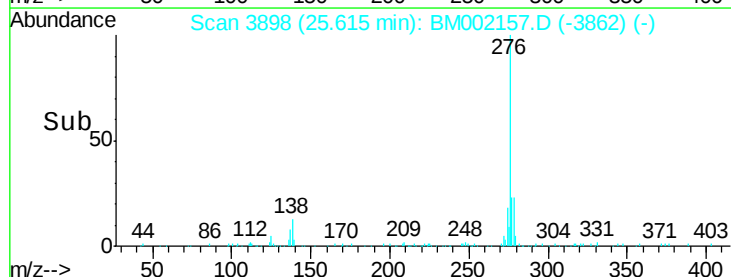
Tgt Ion:	276	Resp:	72284
Ion Ratio		Lower	Upper
276	100		
138	17.5	16.2	24.2
277	24.8	19.8	29.8

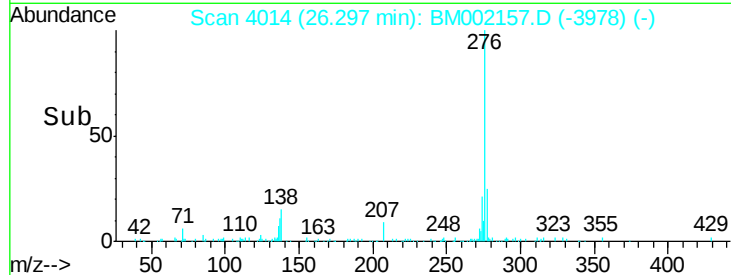
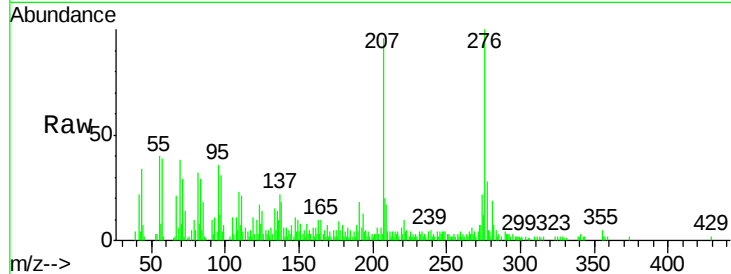
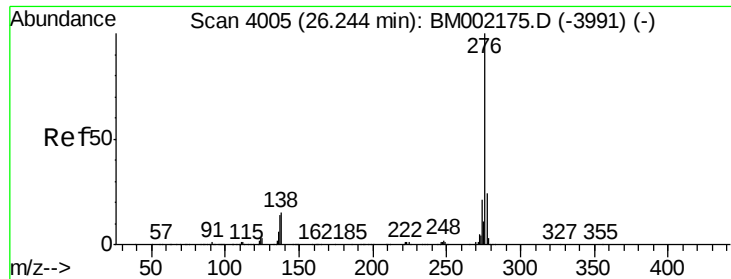


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->





#94
 Benzo(a,h,i)perylene
 Concen: 2.51 ng/ul
 RT: 26.30 min Scan# 4014
 Delta R.T. 0.01 min
 Lab File: BM002157.D
 Acq: 31 Jul 2015 15:39

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.4	13.8	20.6
277	27.9	18.2	27.2#

Instrument :
 BNA_M
 ClientSampleId :
 C02H5

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 3:40:00 PM

