

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\
 Data File : BM002155.D
 Acq On : 31 Jul 2015 14:25
 Operator : TP/UM
 Sample : G3065-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02A7

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 3:39:47 PM

Quant Time: Aug 01 02:50:23 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	75112	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	299351	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	178871	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	397792	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	484536	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	495078	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	2671	1.84	ng/uL	0.00
5) Phenol-d5	6.76	99	62225	11.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	34880	11.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	56267	12.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	28630	6.71	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	26243	12.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	30880	13.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	54366	11.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	30089	6.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	173653	13.25	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	215889	13.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	12716	5.81	ng/ul	0.00
58) Fluorene-d10	15.24	176	155006	13.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	11986	4.93	ng/ul	0.00
71) Anthracene-d10	17.09	188	232384	13.09	ng/ul	0.00
79) Pyrene-d10	19.40	212	270664	13.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	297731	12.41	ng/ul	0.01

Target Compounds

						Ovalue
45) Dimethylphthalate	13.70	163	44414	3.40	ng/ul	100
57) Diethylphthalate	15.07	149	14849	1.15	ng/ul	99
70) Phenanthrene	17.03	178	57609	2.80	ng/ul	96
77) Fluoranthene	19.06	202	118838	5.00	ng/ul	97
80) Pyrene	19.43	202	150128	5.69	ng/ul	98
83) Benzo(a)anthracene	21.19	228	72155	2.69	ng/ul#	89
85) Chrysene	21.24	228	86284	3.43	ng/ul#	89
88) Benzo(b)fluoranthene	22.75	252	158305	5.69	ng/ul#	86
89) Benzo(k)fluoranthene	22.79	252	42328m	1.58	ng/ul	
91) Benzo(a)pyrene	23.32	252	102615	3.82	ng/ul#	86
92) Indeno(1,2,3-cd)pyrene	25.61	276	89943	2.91	ng/ul	96
94) Benzo(g,h,i)perylene	26.30	276	90056	3.47	ng/ul	95

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

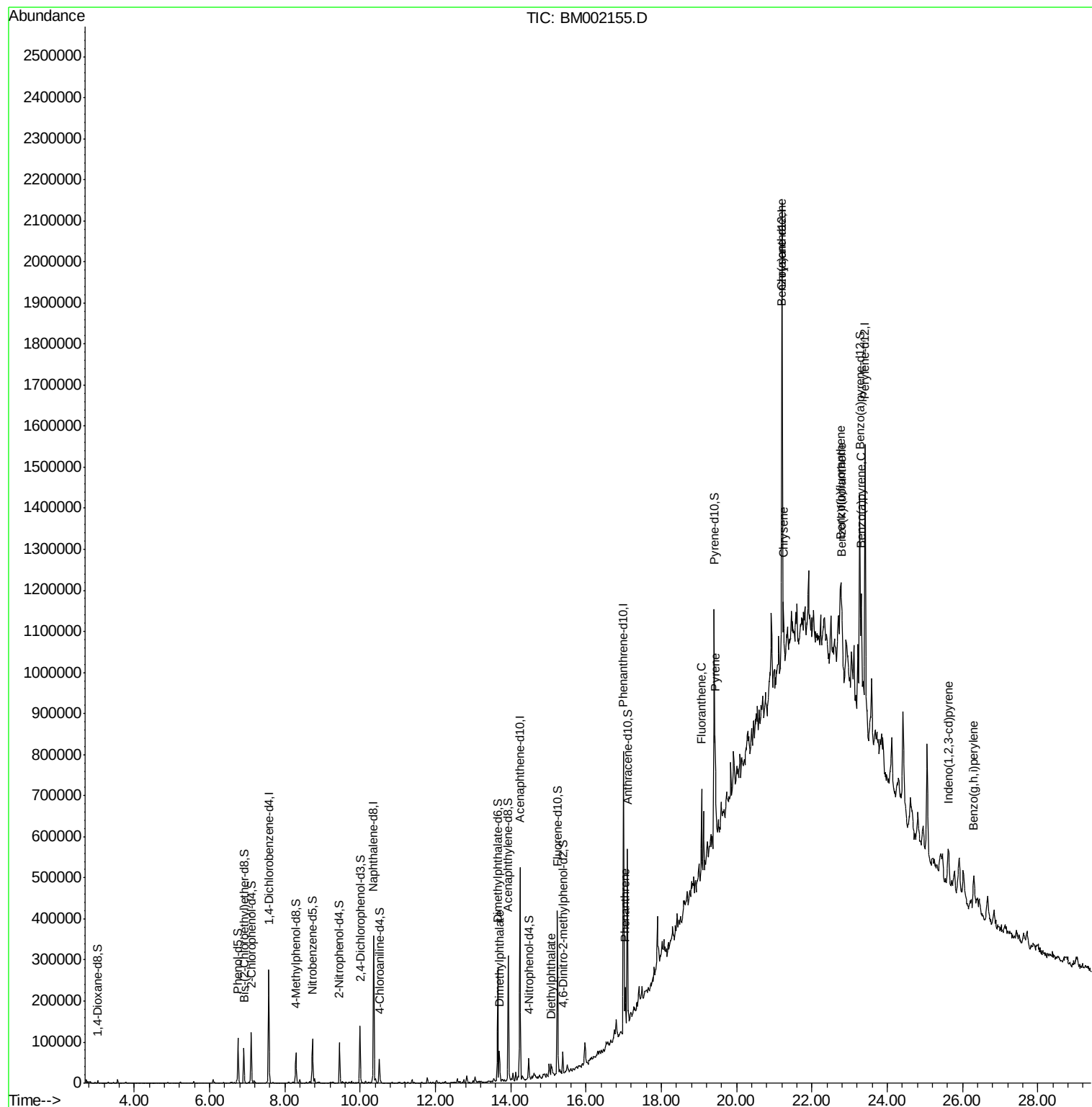
Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\
Data File : BM002155.D
Acq On : 31 Jul 2015 14:25
Operator : TP/UM
Sample : G3065-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

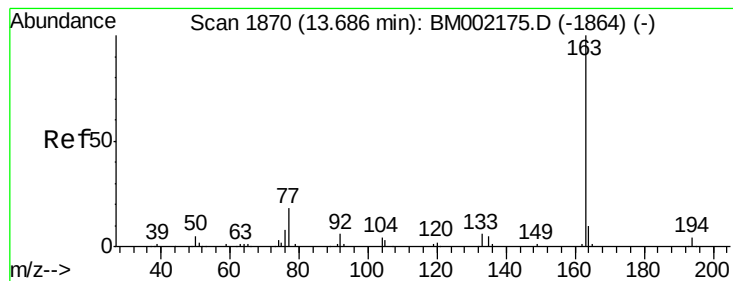
Instrument :
BNA_M
ClientSampleId :
C02A7

Manual Integrations
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Quant Time: Aug 01 02:50:23 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





#45

Dimethylphthalate

Concen: 3.40 ng/ul

RT: 13.70 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BM002155.D

Acq: 31 Jul 2015 14:25

Instrument :

BNA_M

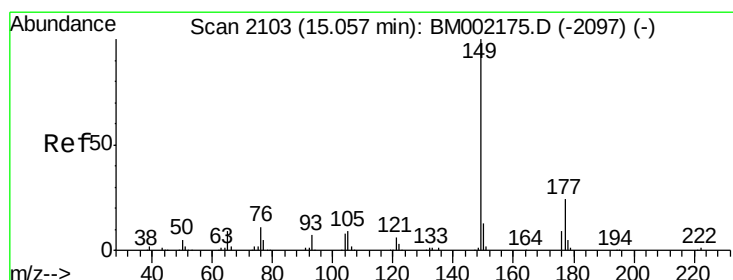
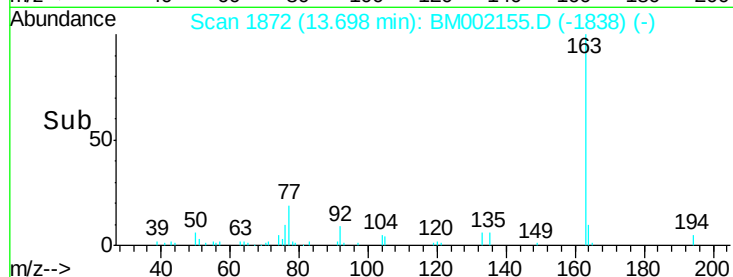
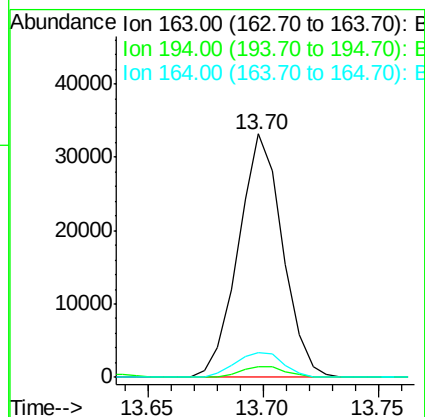
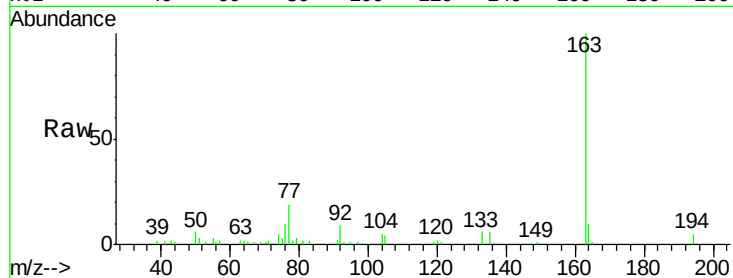
ClientSampleId :

C02A7

Tot Ion:	163	Resp:	44414
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	10.1	8.0	12.0

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#57

Diethylphthalate

Concen: 1.15 ng/ul

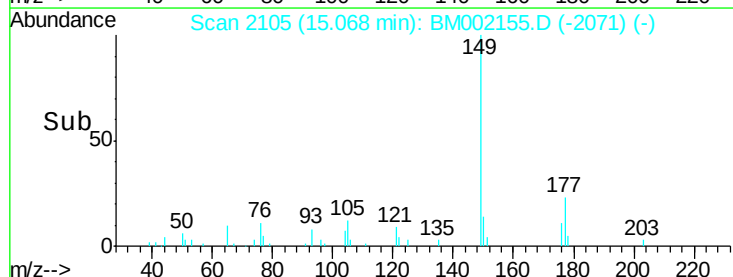
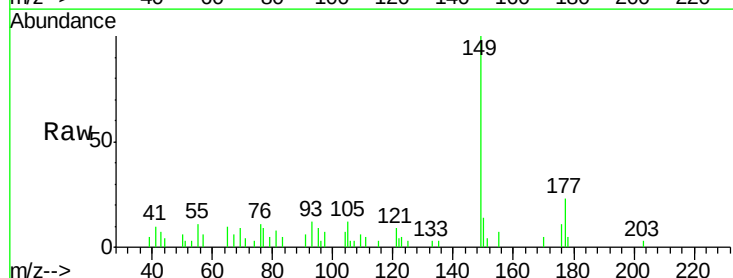
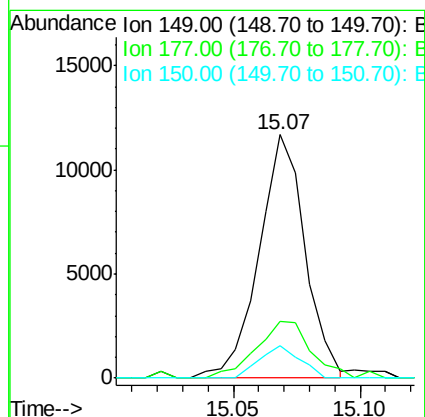
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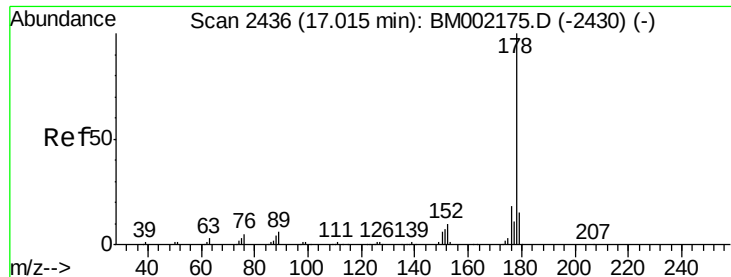
Delta R.T. 0.00 min

Lab File: BM002155.D

Acq: 31 Jul 2015 14:25

Tgt Ion:	149	Resp:	14849
Ion Ratio	Lower	Upper	
149	100		
177	23.3	18.4	27.6
150	13.5	10.1	15.1





#70

Phenanthrene

Concen: 2.80 ng/ul

RT: 17.03 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BM002155.D

Acq: 31 Jul 2015 14:25

Instrument :

BNA_M

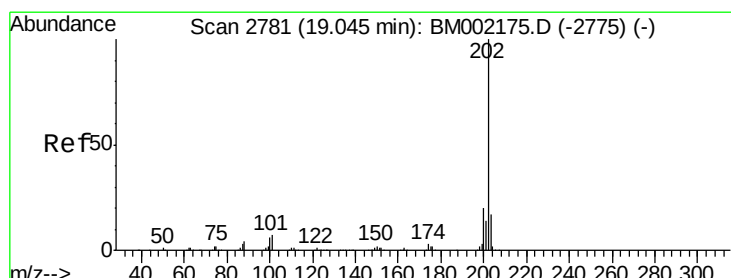
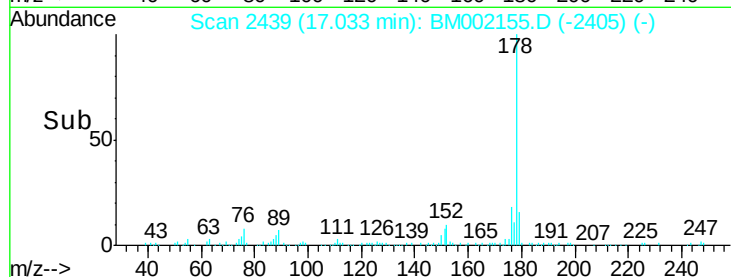
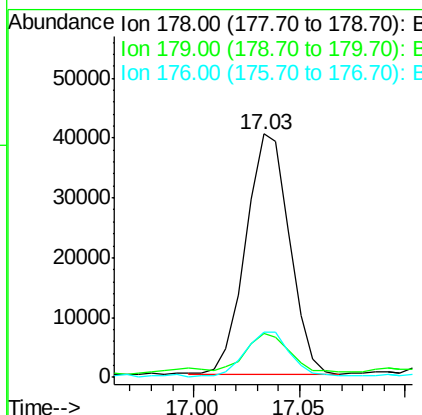
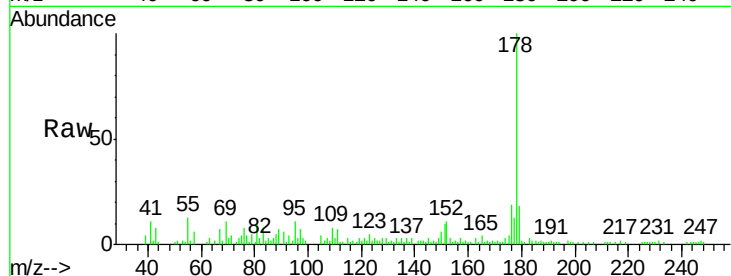
ClientSampleId :

C02A7

Tot Ion:	178	Resp:	57609
Ion Ratio	Lower	Upper	
178	100		
179	18.2	12.5	18.7
176	18.8	14.2	21.4

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#77

Fluoranthene

Concen: 5.00 ng/ul

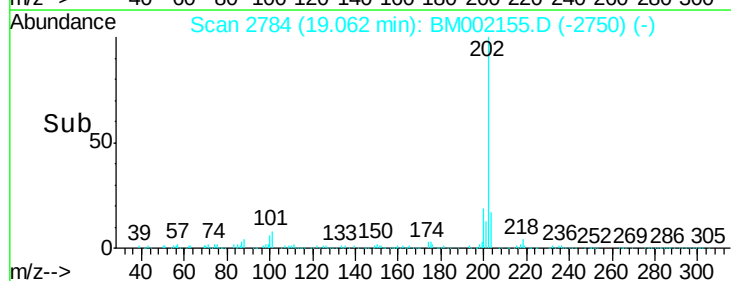
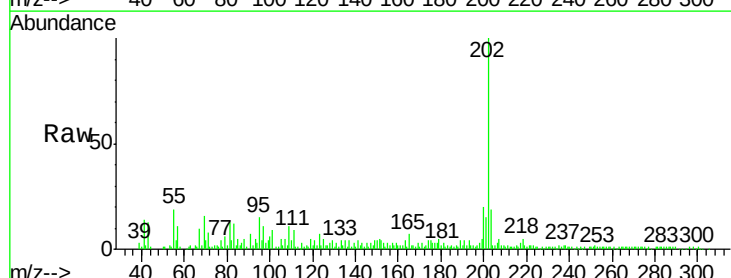
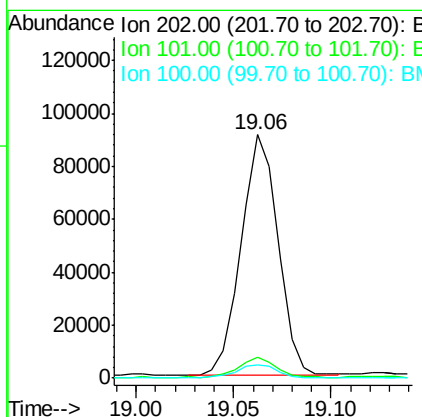
RT: 19.06 min Scan# 2784

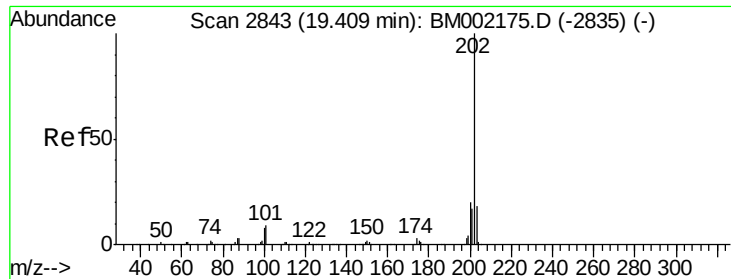
Delta R.T. 0.00 min

Lab File: BM002155.D

Acq: 31 Jul 2015 14:25

Tgt Ion:	202	Resp:	118838
Ion Ratio	Lower	Upper	
202	100		
101	8.7	6.2	9.4
100	5.6	5.2	7.8





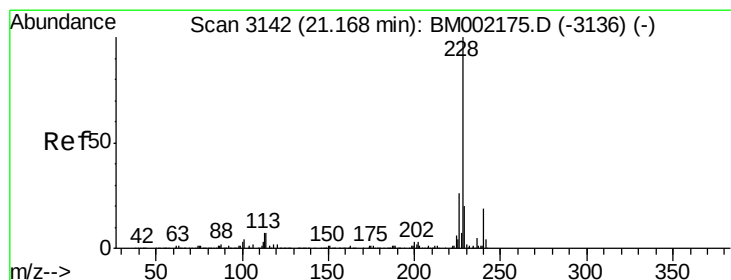
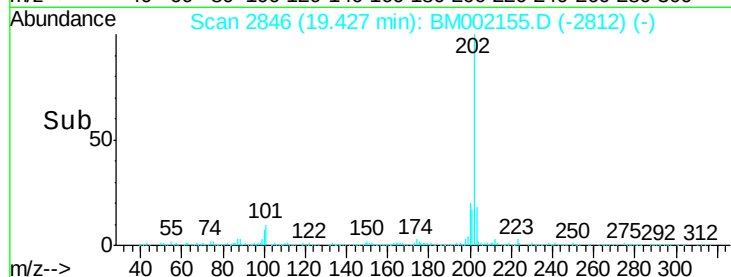
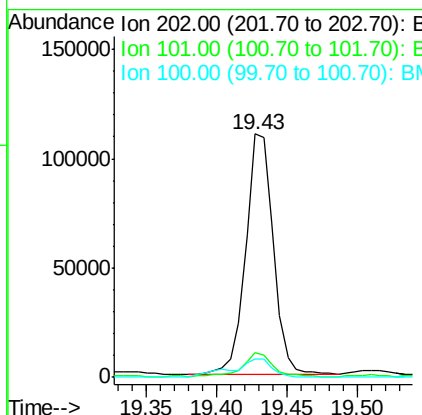
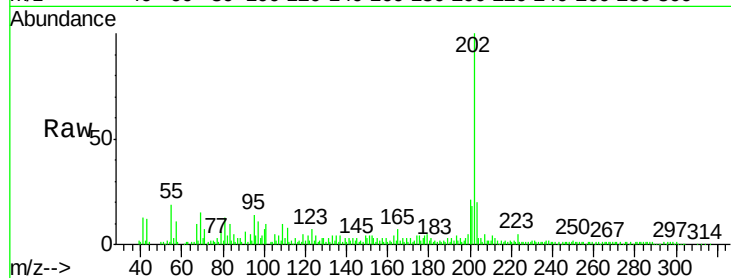
#80
 Pvrene
 Concen: 5.69 ng/ul
 RT: 19.43 min Scan# 2846
 Delta R.T. 0.00 min
 Lab File: BM002155.D
 Acq: 31 Jul 2015 14:25

Instrument :
 BNA_M
 ClientSampleId :
 C02A7

Tot Ion:	202	Resp:	150128
Ion Ratio	Lower	Upper	
202	100		
101	10.0	7.4	11.2
100	7.3	6.3	9.5

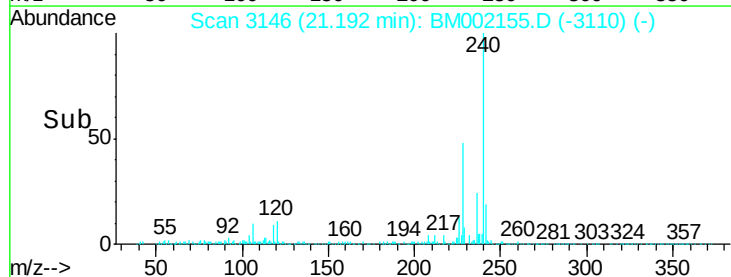
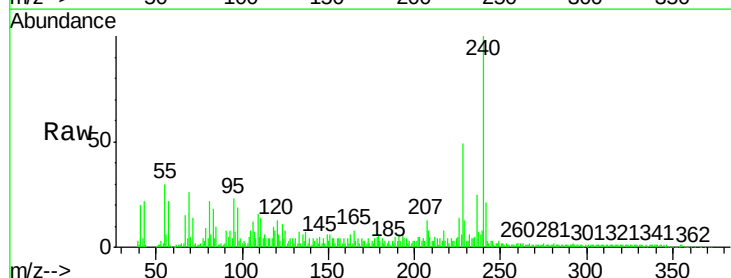
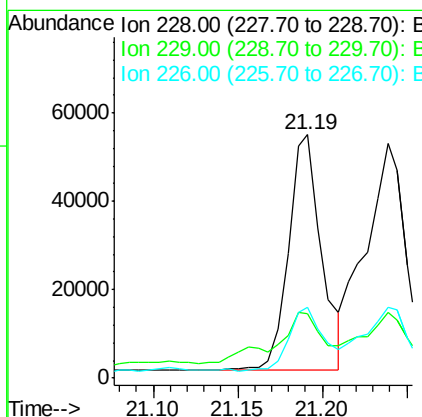
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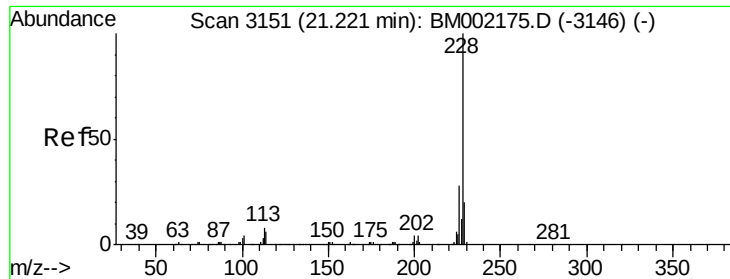
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#83
 Benzo(a)anthracene
 Concen: 2.69 ng/ul
 RT: 21.19 min Scan# 3146
 Delta R.T. 0.01 min
 Lab File: BM002155.D
 Acq: 31 Jul 2015 14:25

Tgt Ion:	228	Resp:	72155
Ion Ratio	Lower	Upper	
228	100		
229	26.7	15.4	23.2#
226	29.3	20.5	30.7





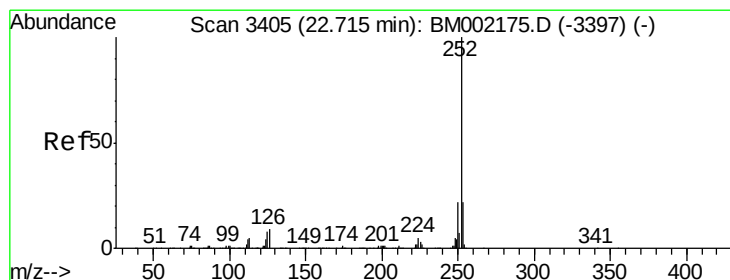
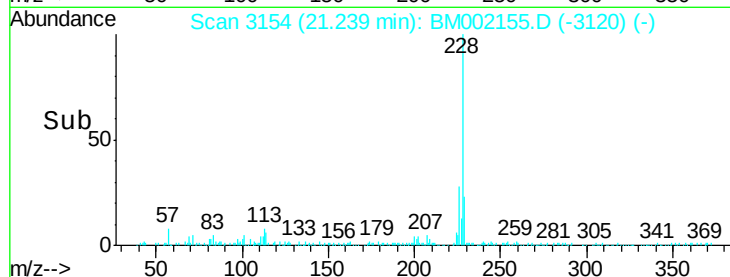
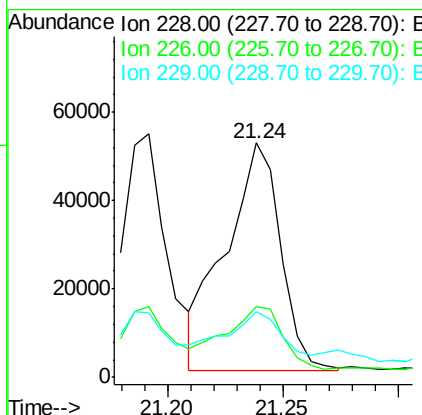
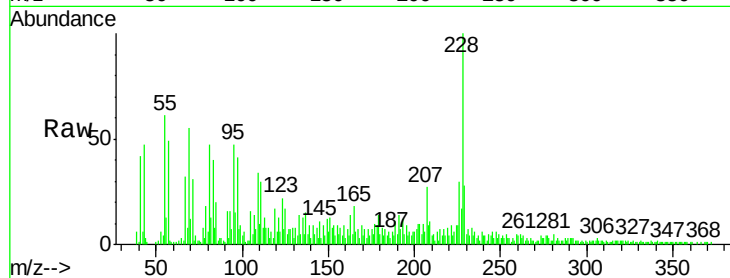
#85
Chrysene
Concen: 3.43 ng/ul
RT: 21.24 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BM002155.D
Acq: 31 Jul 2015 14:25

Instrument :
BNA_M
ClientSampleId :
C02A7

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.3	33.5
229	28.1	15.5	23.3

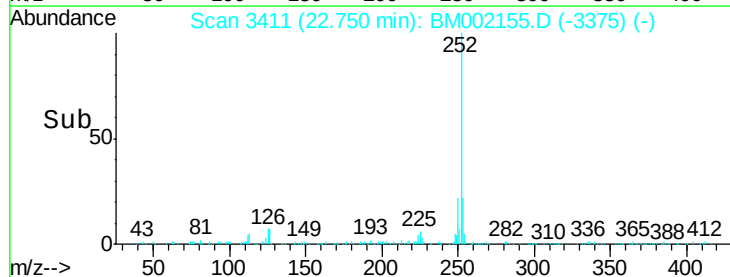
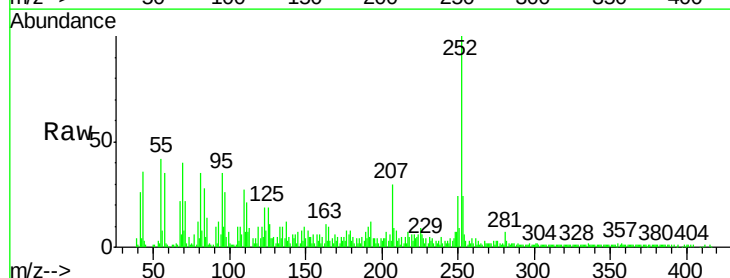
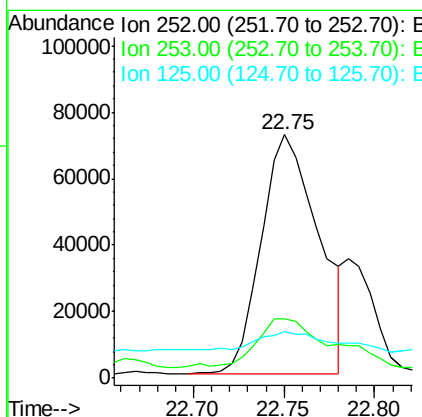
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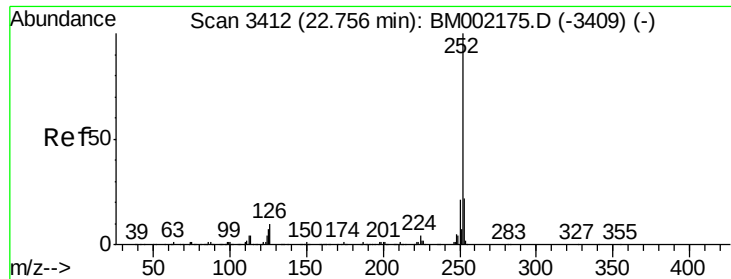
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#88
Benzo(b)fluoranthene
Concen: 5.69 ng/ul
RT: 22.75 min Scan# 3411
Delta R.T. 0.01 min
Lab File: BM002155.D
Acq: 31 Jul 2015 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	16.9	25.3
125	19.1	6.2	9.2





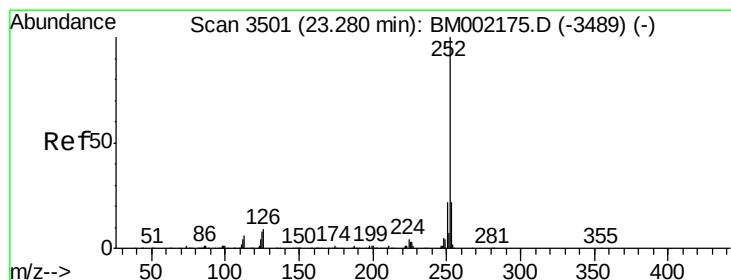
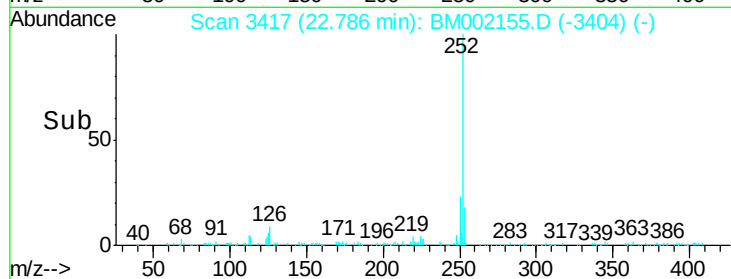
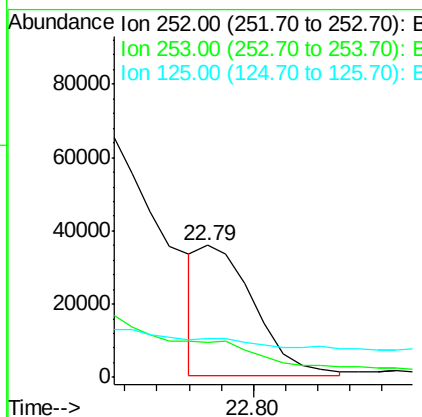
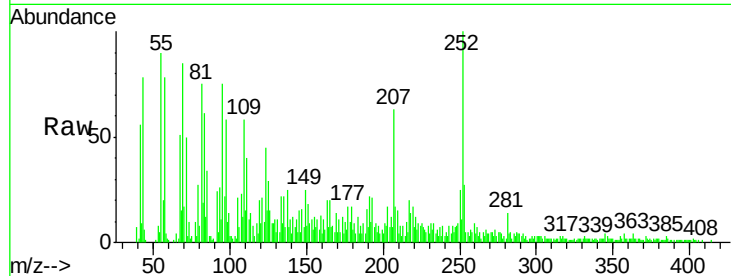
#89
Benzo(k)fluoranthene
Concen: 1.58 ng/ul m
RT: 22.79 min Scan# 3417
Delta R.T. 0.01 min
Lab File: BM002155.D
Acq: 31 Jul 2015 14:25

Instrument :
BNA_M
ClientSampled :
C02A7

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.4	26.0#
125	29.4	6.2	9.4#

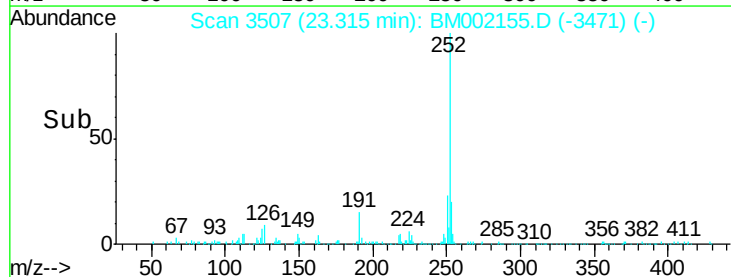
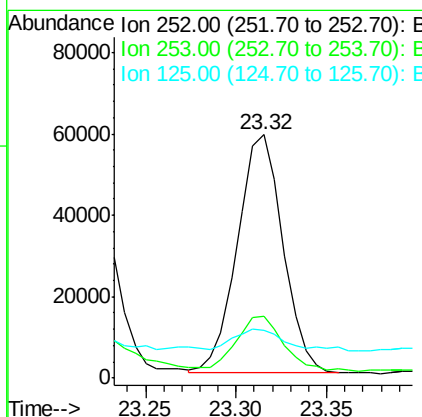
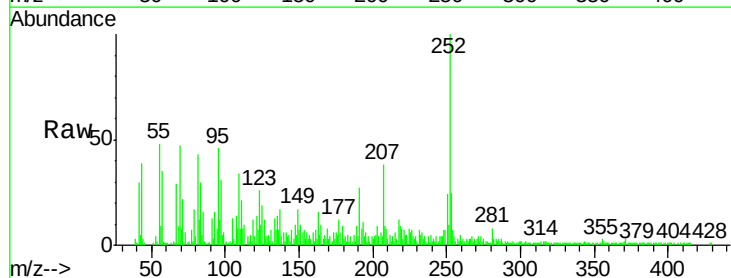
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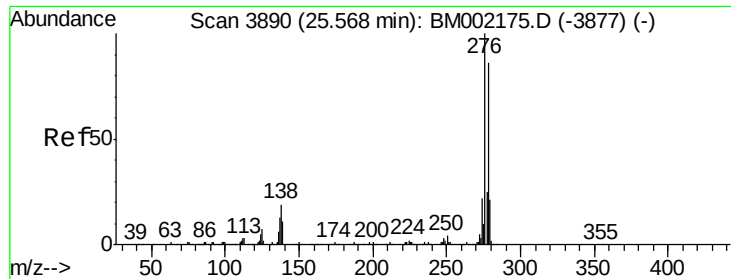
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#91
Benzo(a)pyrene
Concen: 3.82 ng/ul
RT: 23.32 min Scan# 3507
Delta R.T. 0.01 min
Lab File: BM002155.D
Acq: 31 Jul 2015 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.2	25.8
125	19.4	6.6	10.0#





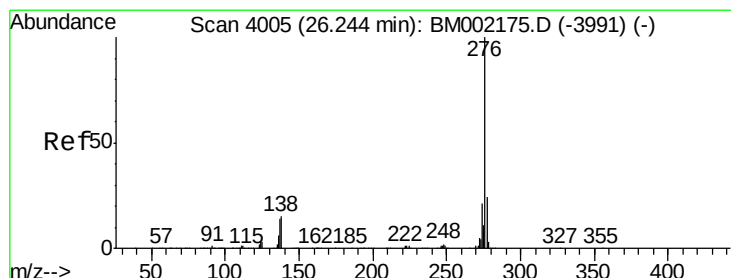
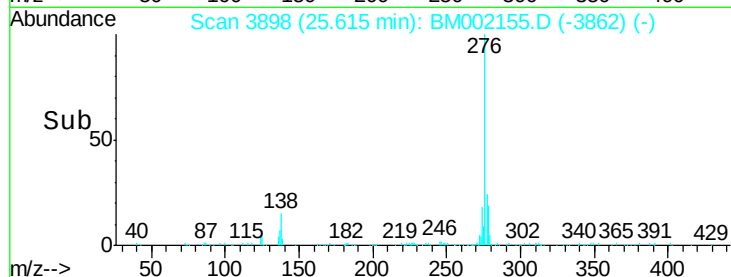
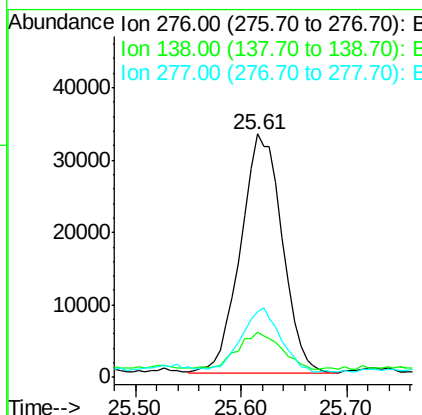
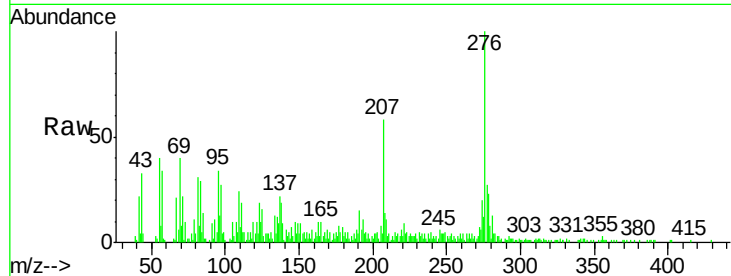
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.91 ng/ul
 RT: 25.61 min Scan# 3898
 Delta R.T. 0.01 min
 Lab File: BM002155.D
 Acq: 31 Jul 2015 14:25

Instrument :
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 C02A7

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.2	24.2
277	26.9	19.8	29.8

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 3.47 ng/ul
 RT: 26.30 min Scan# 4014
 Delta R.T. 0.01 min
 Lab File: BM002155.D
 Acq: 31 Jul 2015 14:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	13.8	20.6
277	26.0	18.2	27.2

