

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
 Data File : BM002137.D
 Acq On : 30 Jul 2015 15:28
 Operator : TP/UM
 Sample : G3030-09RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C01N2RE

Manual Integrations
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MMDadoda
 8/3/2015 11:53:43 AM

Quant Time: Jul 31 02:44:20 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 31 01:27:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	172037	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	703624	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	385759	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.01	188	772847	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	883500	20.00	ng/ul	0.01
86) Perylene-d12	23.43	264	922926	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	7912	2.38	ng/uL	0.00
5) Phenol-d5	6.78	99	213010	17.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	117379	17.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	184440	17.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	152012	15.55	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	89934	17.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	100861	18.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	181523	16.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	73135	6.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	493479	17.46	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	548063	15.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	58415	12.39	ng/ul	0.02
58) Fluorene-d10	15.26	176	362481	14.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	17057	3.61	ng/ul	0.01
71) Anthracene-d10	17.11	188	498899	14.46	ng/ul	0.00
79) Pyrene-d10	19.42	212	521994	14.03	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.29	264	551044	12.32	ng/ul	0.02

Target Compounds

						Qvalue
45) Dimethylphthalate	13.72	163	188593	6.68	ng/ul	99
70) Phenanthrene	17.05	178	152613	3.81	ng/ul	99
72) Anthracene	17.14	178	63212	1.54	ng/ul	99
77) Fluoranthene	19.08	202	432270	9.35	ng/ul	98
80) Pyrene	19.44	202	425789	8.86	ng/ul	100
81) Butylbenzylphthalate	20.34	149	39253	2.14	ng/ul	91
83) Benzo(a)anthracene	21.20	228	265302	5.42	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.12	149	211797	7.53	ng/ul	100
85) Chrysene	21.25	228	259414	5.66	ng/ul	95
88) Benzo(b)fluoranthene	22.76	252	442319	8.53	ng/ul#	91
89) Benzo(k)fluoranthene	22.80	252	119624m	2.39	ng/ul	
91) Benzo(a)pyrene	23.33	252	261589	5.23	ng/ul#	89
92) Indeno(1,2,3-cd)pyrene	25.66	276	193648	3.36	ng/ul	98
93) Dibenzo(a,h)anthracene	25.66	278	51895	1.05	ng/ul#	63
94) Benzo(g,h,i)perylene	26.35	276	192844	3.99	ng/ul#	91

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

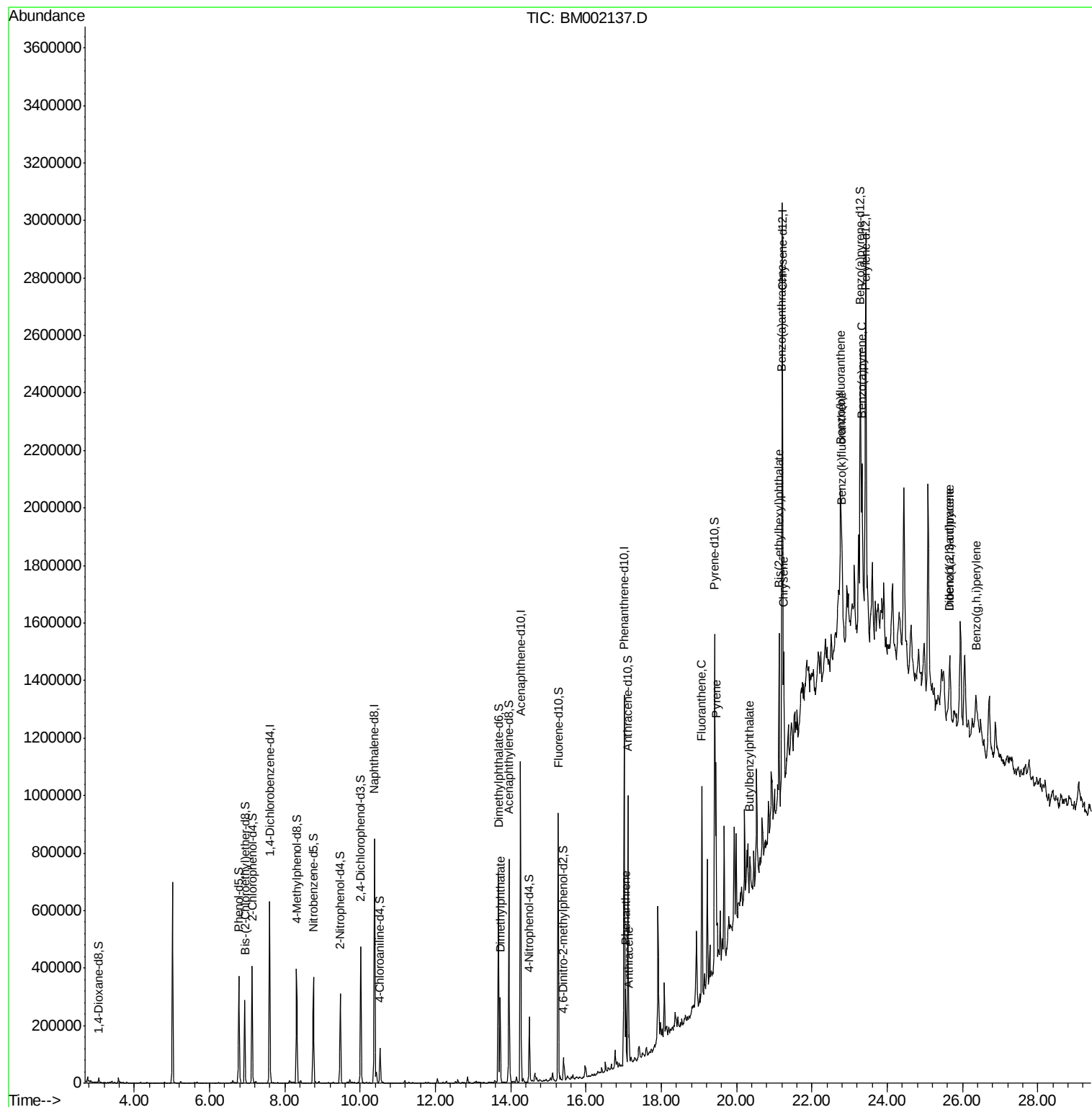
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002137.D
Acq On : 30 Jul 2015 15:28
Operator : TP/UM
Sample : G3030-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

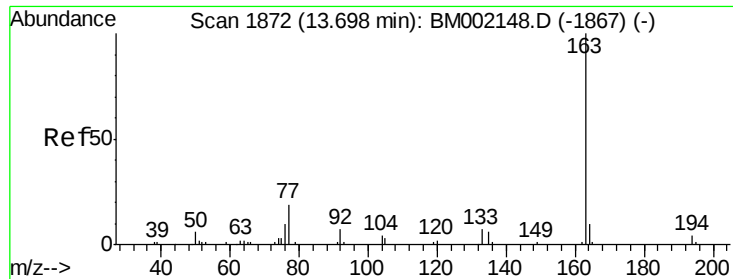
Instrument :
BNA_M
ClientSampleId :
C01N2RE

Quant Time: Jul 31 02:44:20 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 01:27:14 2015
Response via : Initial Calibration

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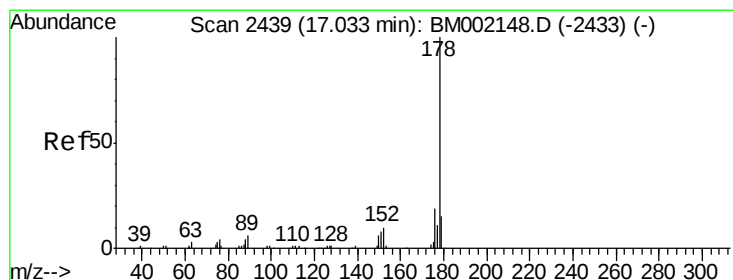
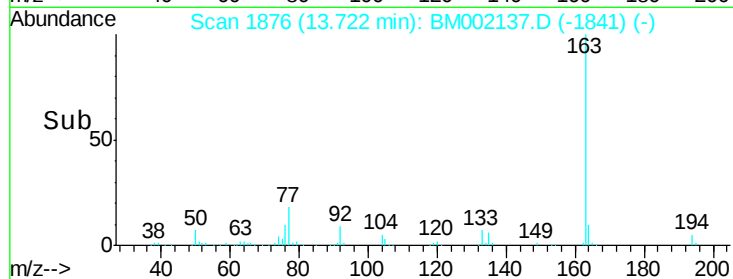
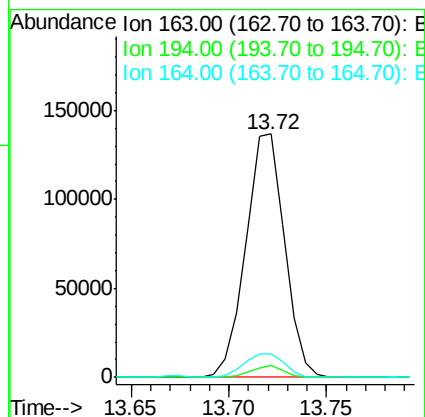
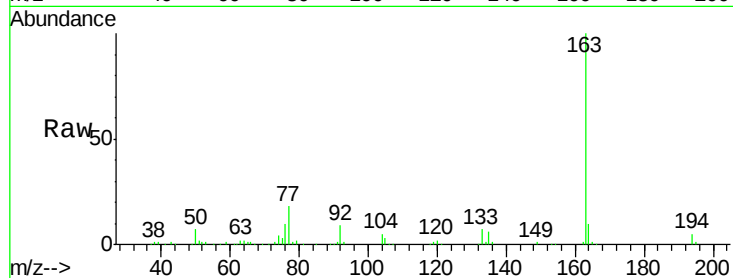
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Dimethylphthalate
Concen: 6.68 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BM002137.D
Acq: 30 Jul 2015 15:28

Instrument :
BNA_M
ClientSampleId :
C01N2RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.7	3.5	5.3
164	9.8	8.0	12.0

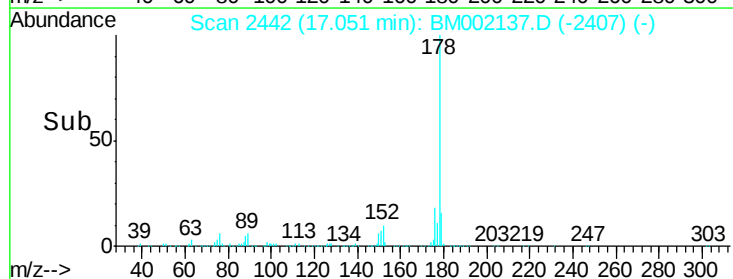
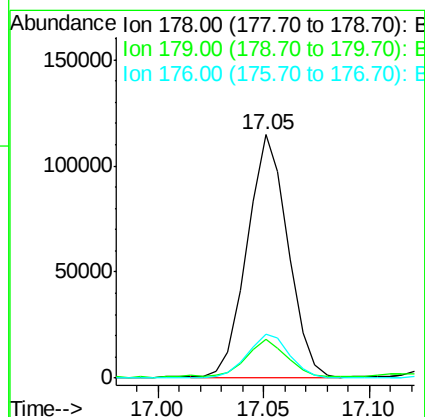
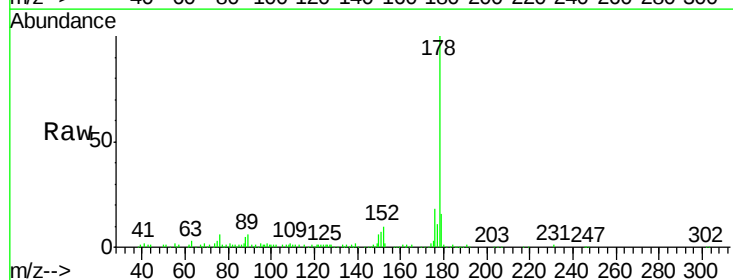
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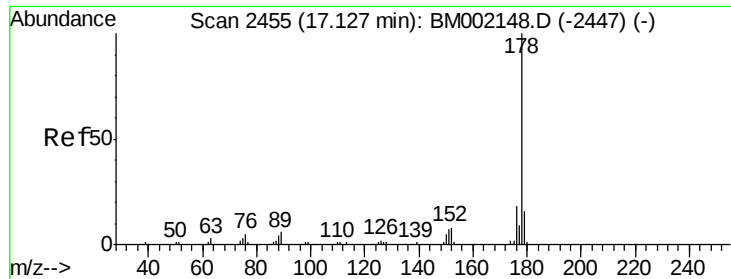
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#70
Phenanthrene
Concen: 3.81 ng/ul
RT: 17.05 min Scan# 2442
Delta R.T. 0.01 min
Lab File: BM002137.D
Acq: 30 Jul 2015 15:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	16.1	12.5	18.7
176	18.2	14.2	21.4





#72

Anthracene

Concen: 1.54 ng/ul

RT: 17.14 min Scan# 2458

Delta R.T. 0.01 min

Lab File: BM002137.D

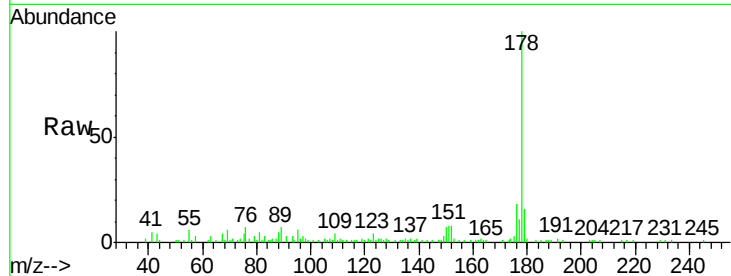
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Instrument :

BNA_M

ClientSampleId :

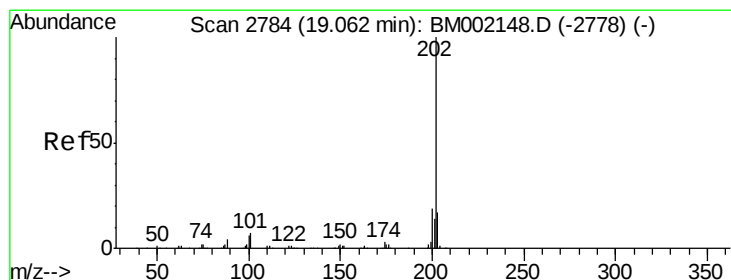
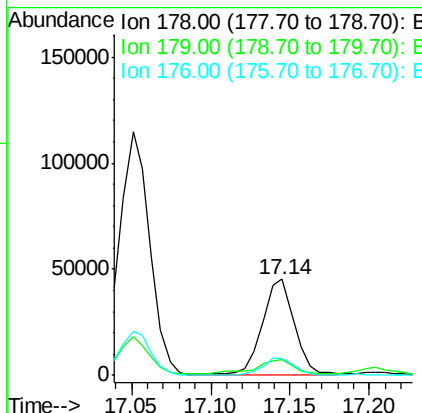
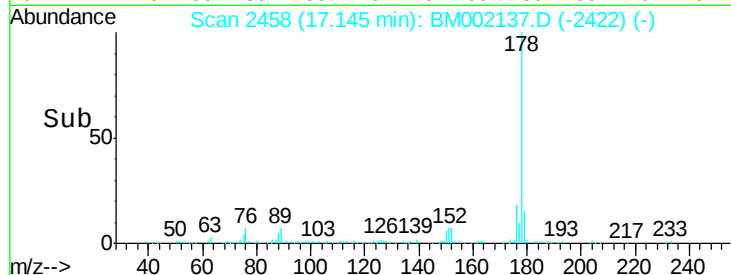
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Tgt Ion:	178	Resp:	63212
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.1	18.1
176	18.0	14.1	21.1

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#77

Fluoranthene

Concen: 9.35 ng/ul

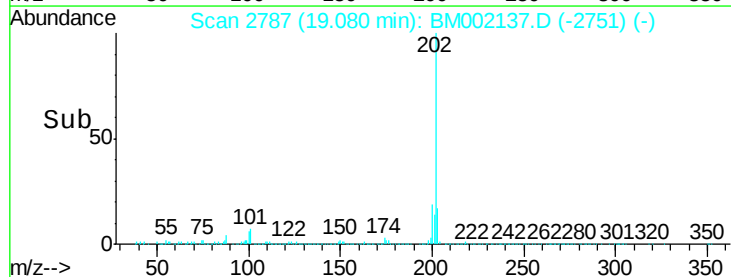
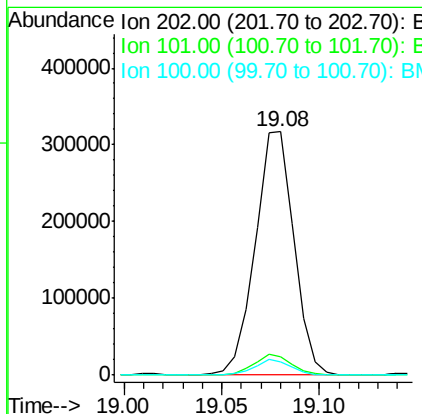
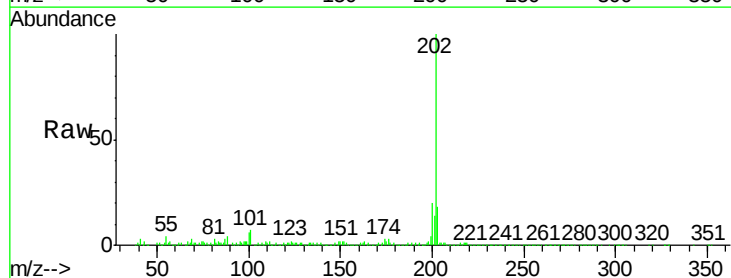
RT: 19.08 min Scan# 2787

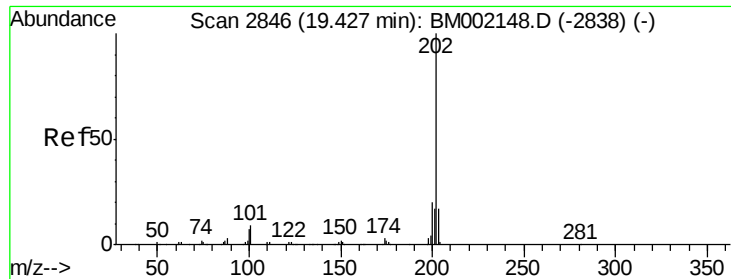
Delta R.T. 0.01 min

Lab File: BM002137.D

Acq: 30 Jul 2015 15:28

Tgt Ion:	202	Resp:	432270
Ion Ratio	Lower	Upper	
202	100		
101	7.4	6.2	9.4
100	5.6	5.2	7.8





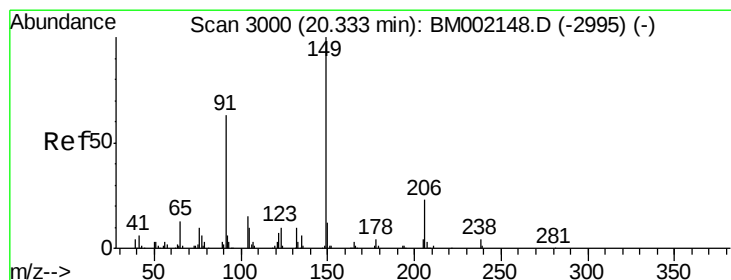
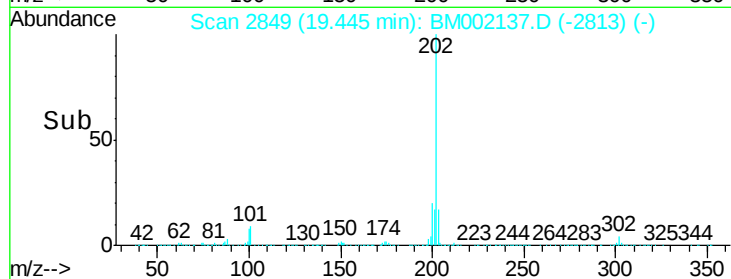
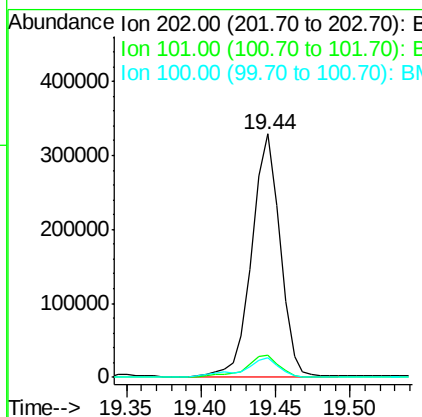
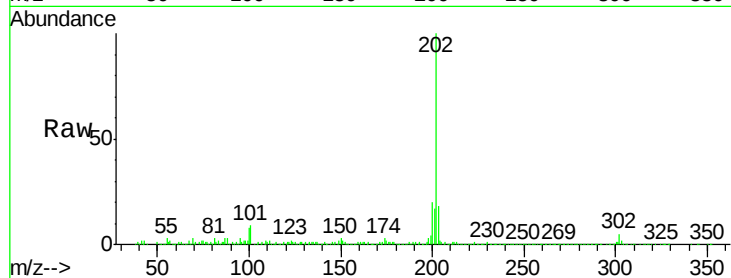
#80
 Pyrene
 Concen: 8.86 ng/ul
 RT: 19.44 min Scan# 2849
 Delta R.T. 0.01 min
 Lab File: BM002137.D
 Acq: 30 Jul 2015 15:28

Instrument :
 BNA_M
 ClientSampleId :
 C01N2RE

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	425789		
101	9.2	7.4	11.2	
100	7.9	6.3	9.5	

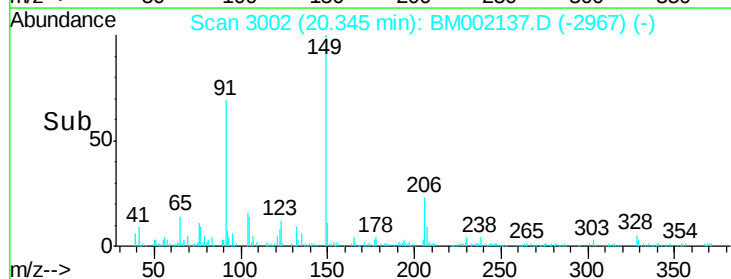
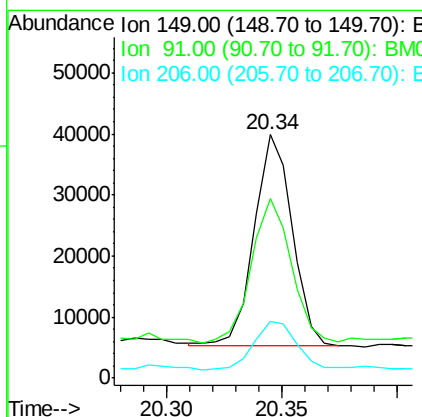
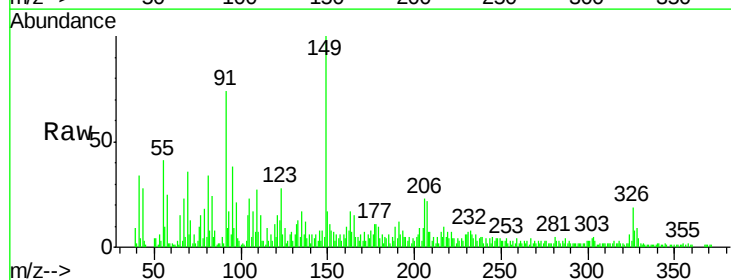
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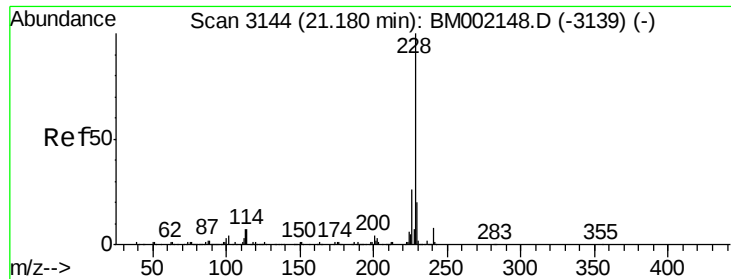
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#81
 Butylbenzylphthalate
 Concen: 2.14 ng/ul
 RT: 20.34 min Scan# 3002
 Delta R.T. 0.01 min
 Lab File: BM002137.D
 Acq: 30 Jul 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	39253		
91	73.9	52.4	78.6	
206	23.4	19.9	29.9	





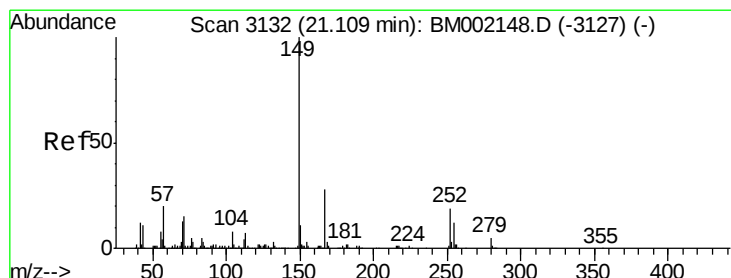
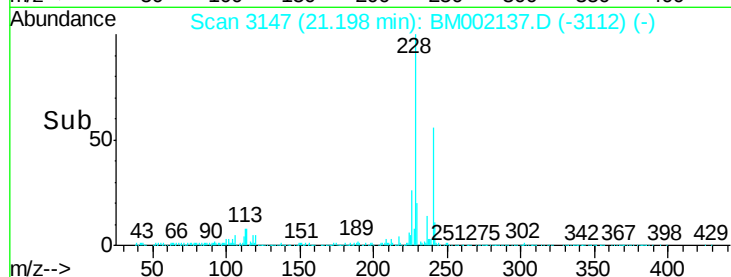
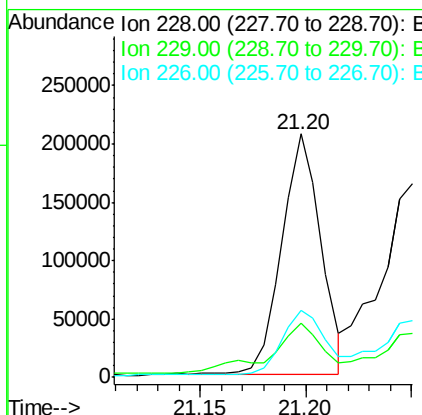
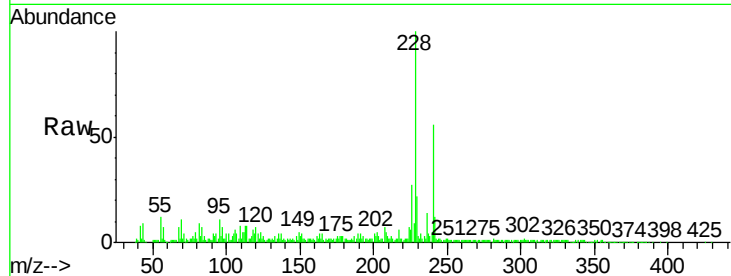
#83
 Benzo(a)anthracene
 Concen: 5.42 ng/ul
 RT: 21.20 min Scan# 3147
 Delta R.T. 0.01 min
 Lab File: BM002137.D
 Acq: 30 Jul 2015 15:28

Instrument :
 BNA_M
 ClientSampleId :
 C01N2RE

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	265302		
229	22.1	15.4	23.2	
226	27.3	20.5	30.7	

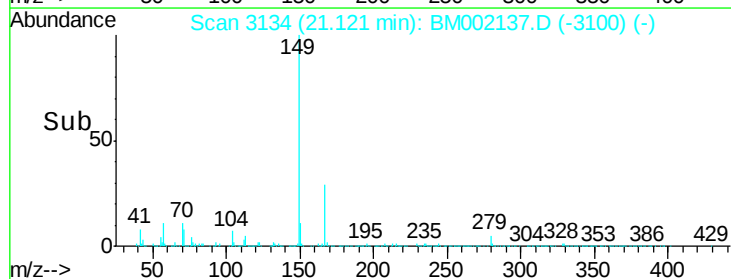
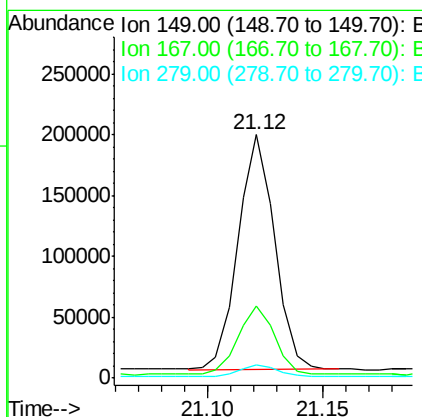
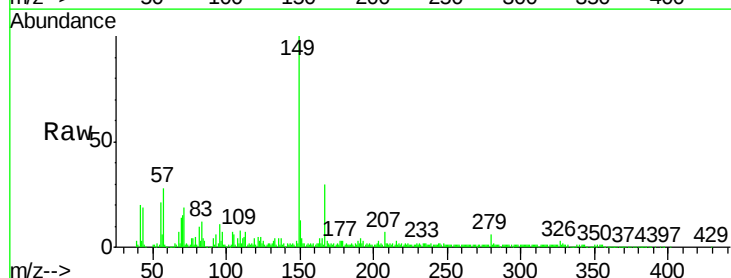
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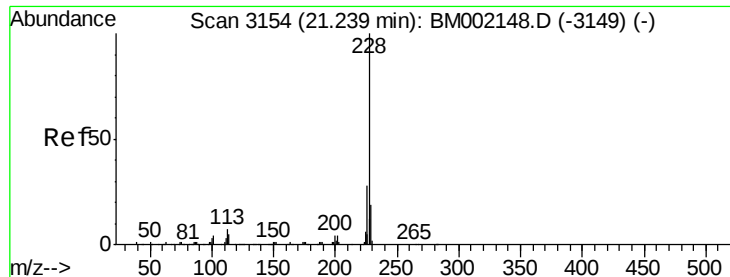
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.53 ng/ul
 RT: 21.12 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: BM002137.D
 Acq: 30 Jul 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	211797		
167	29.7	23.6	35.4	
279	5.5	4.2	6.4	





#85

Chrysene

Concen: 5.66 ng/ul

RT: 21.25 min Scan# 3156

Delta R.T. 0.01 min

Lab File: BM002137.D

Acq: 30 Jul 2015 15:28

Instrument :

BNA_M

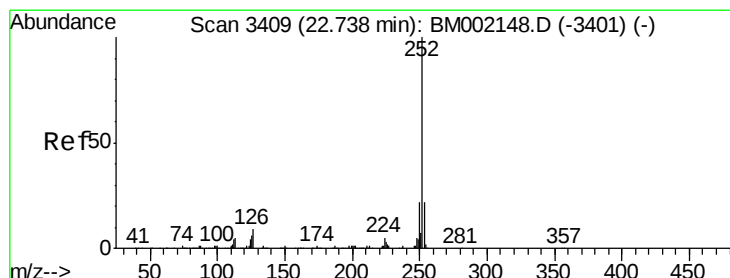
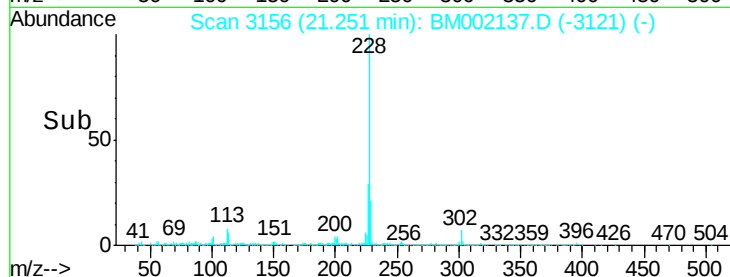
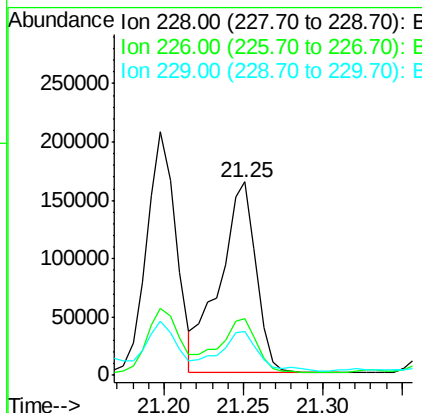
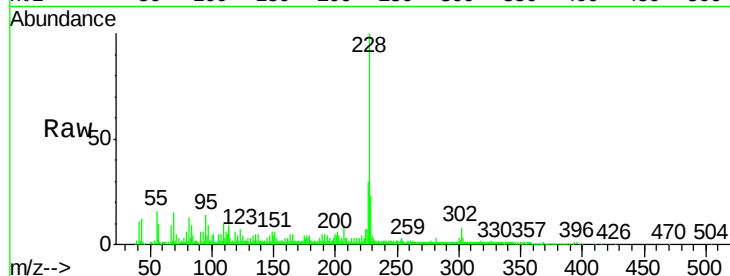
ClientSampleId :

C01N2RE

Tgt Ion:	228	Resp:	259414
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.3	33.5
229	22.7	15.5	23.3

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#88

Benzo(b)fluoranthene

Concen: 8.53 ng/ul

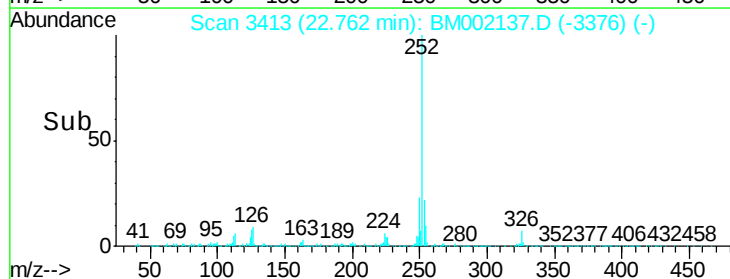
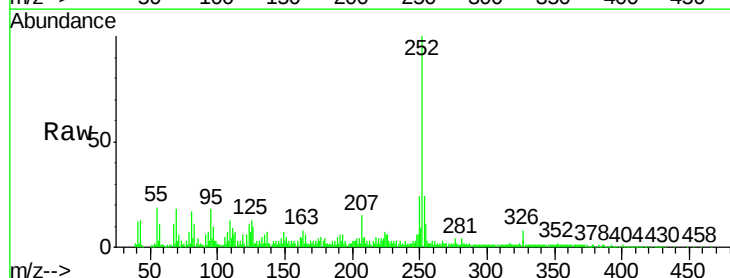
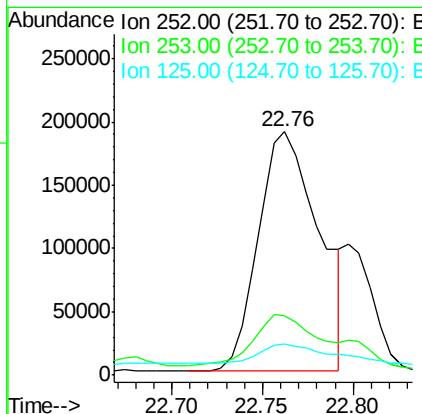
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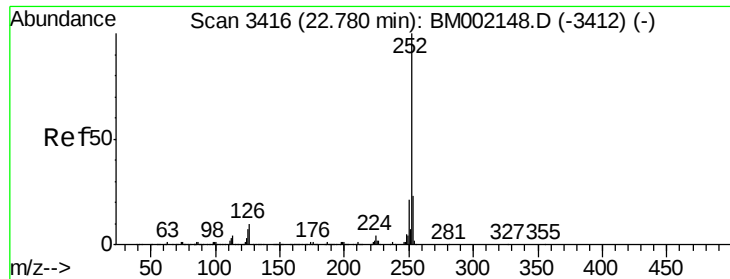
Delta R.T. 0.02 min

Lab File: BM002137.D

Acq: 30 Jul 2015 15:28

Tgt Ion:	252	Resp:	442319
Ion Ratio	Lower	Upper	
252	100		
253	24.1	16.9	25.3
125	12.7	6.2	9.2#





#89

Benzo(k)fluoranthene

Concen: 2.39 ng/ul m

RT: 22.80 min Scan# 3419

Delta R.T. 0.01 min

Lab File: BM002137.D

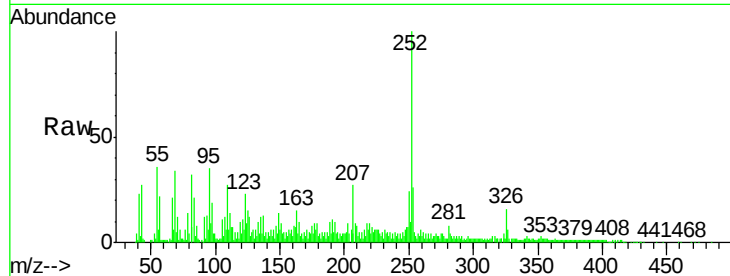
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Instrument :

BNA_M

ClientSampleId :

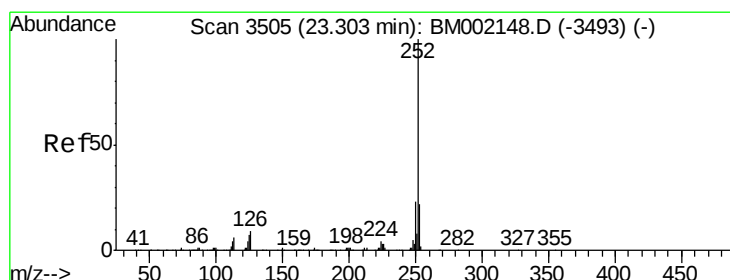
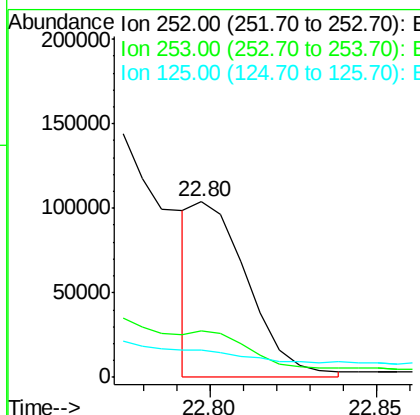
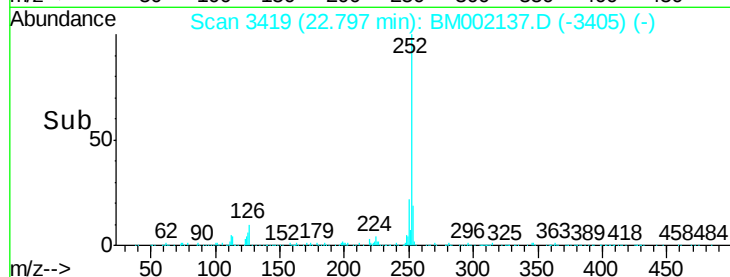
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.4	26.0#
125	15.3	6.2	9.4#

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#91

Benzo(a)pyrene

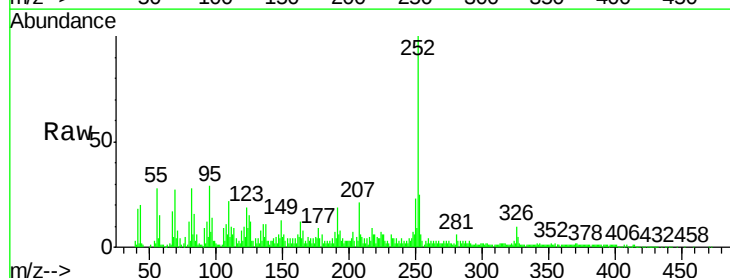
Concen: 5.23 ng/ul

RT: 23.33 min Scan# 3509

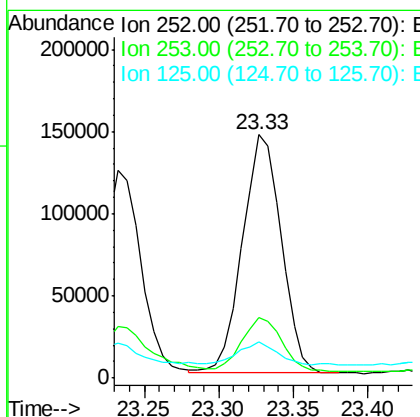
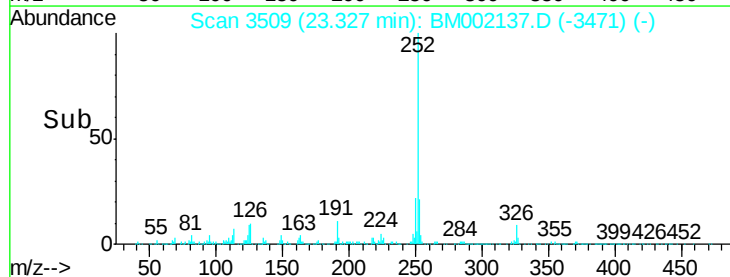
Delta R.T. 0.02 min

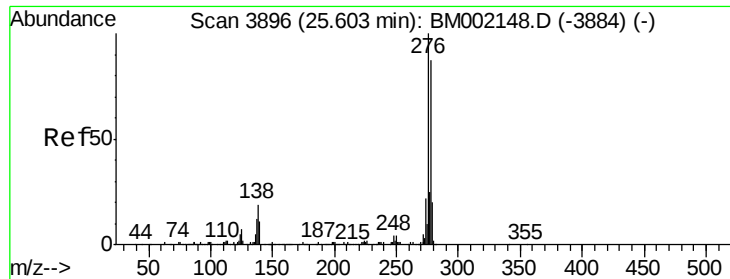
Lab File: BM002137.D

Acq: 30 Jul 2015 15:28



Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	14.9	6.6	10.0#





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.36 ng/ul

RT: 25.66 min Scan# 3905

Delta R.T. 0.05 min

Lab File: BM002137.D

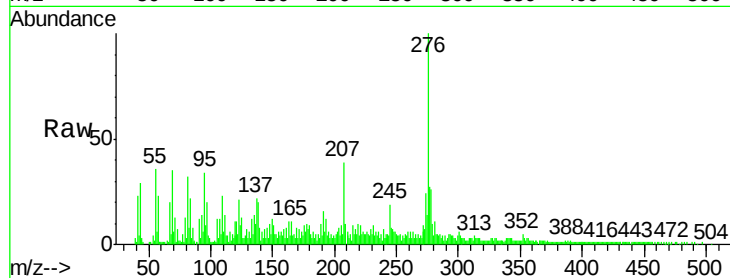
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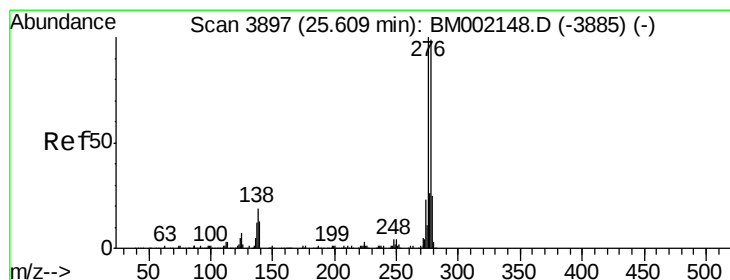
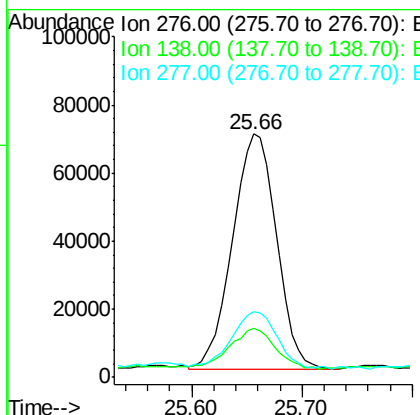
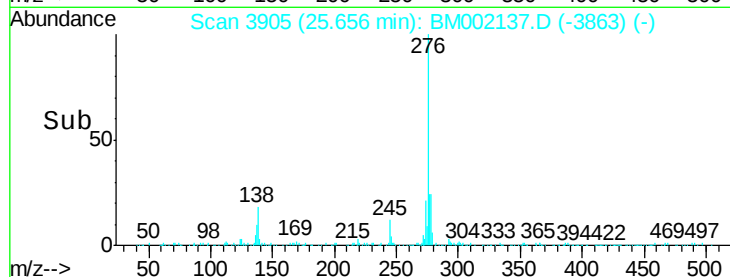
C01N2RE



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	193648		
138	19.9	16.2	24.2	
277	26.8	19.8	29.8	

Manual Integrations
APPROVED

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8/3/2015 11:53:43 AM



#93

Dibenzo(a,h)anthracene

Concen: 1.05 ng/ul

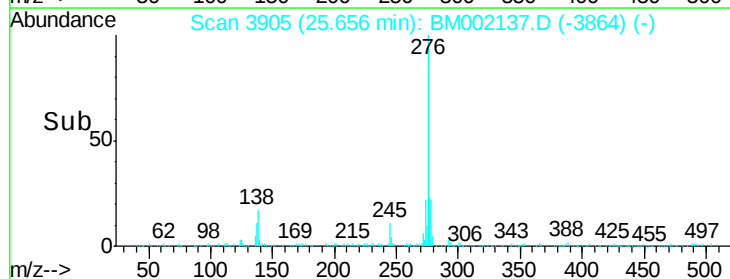
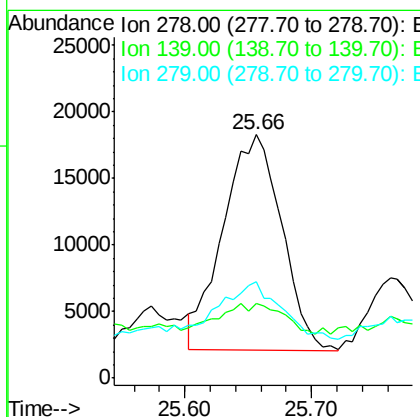
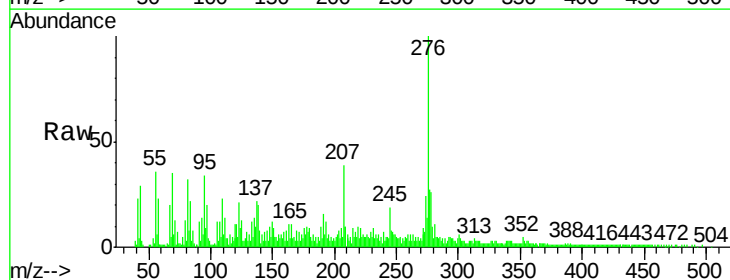
RT: 25.66 min Scan# 3905

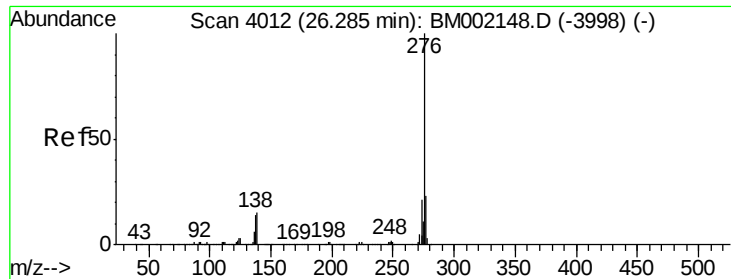
Delta R.T. 0.04 min

Lab File: BM002137.D

Acq: 30 Jul 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	51895		
139	30.8	10.6	16.0#	
279	39.6	18.5	27.7#	





#94
 Benzo(g,h,i)perylene
 Concen: 3.99 ng/ul
 RT: 26.35 min Scan# 4023
 Delta R.T. 0.07 min
 Lab File: BM002137.D
 Acq: 30 Jul 2015 15:28

Instrument :
 BNA_M
 ClientSampleId :
 C01N2RE

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	13.8	20.6
277	28.0	18.2	27.2#

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 11:53:43 AM

