

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002027.D
 Acq On : 23 Jul 2015 21:38
 Operator : TP/UM
 Sample : G3000-22RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C02K3RE

Manual Integrations
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Quant Time: Jul 24 03:53:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:29:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	82656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	308577	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	164591	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	352683	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	410645	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	418269	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	3855	2.28	ng/uL	0.00
5) Phenol-d5	6.79	99	79234	11.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	49258	13.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	72119	13.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	29962	5.41	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	33269	14.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	35394	13.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	64213	12.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	38311	7.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	207004	15.59	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	202986	12.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	26160	11.64	ng/ul	0.00
57) Fluorene-d10	15.27	176	137256	12.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	2582	1.13	ng/ul	0.00
70) Anthracene-d10	17.13	188	187527	11.33	ng/ul	0.00
78) Pyrene-d10	19.43	212	190964	10.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	163702	7.74	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	6.76	77	4048	1.24	ng/ul#	86
14) Acetophenone	8.44	105	30344	3.47	ng/ul	96
28) Naphthalene	10.46	128	17469	1.12	ng/ul	98
44) Dimethylphthalate	13.74	163	192408	14.25	ng/ul	98
69) Phenanthrene	17.07	178	69660	3.65	ng/ul	98
76) Fluoranthene	19.09	202	130351	5.84	ng/ul	100
79) Pyrene	19.46	202	125711	5.12	ng/ul	99
82) Benzo(a)anthracene	21.21	228	64671	2.65	ng/ul#	92
83) Bis(2-ethylhexyl)phthalate	21.14	149	36385	2.66	ng/ul#	94
84) Chrysene	21.26	228	82872	3.62	ng/ul#	94
87) Benzo(b)fluoranthene	22.77	252	109269	4.26	ng/ul#	86
88) Benzo(k)fluoranthene	22.81	252	36965m	1.50	ng/ul	
90) Benzo(a)pyrene	23.34	252	67940	2.82	ng/ul#	83
91) Indeno(1,2,3-cd)pyrene	25.67	276	57258	2.26	ng/ul	96
93) Benzo(g,h,i)perylene	26.35	276	62020	2.99	ng/ul#	90

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

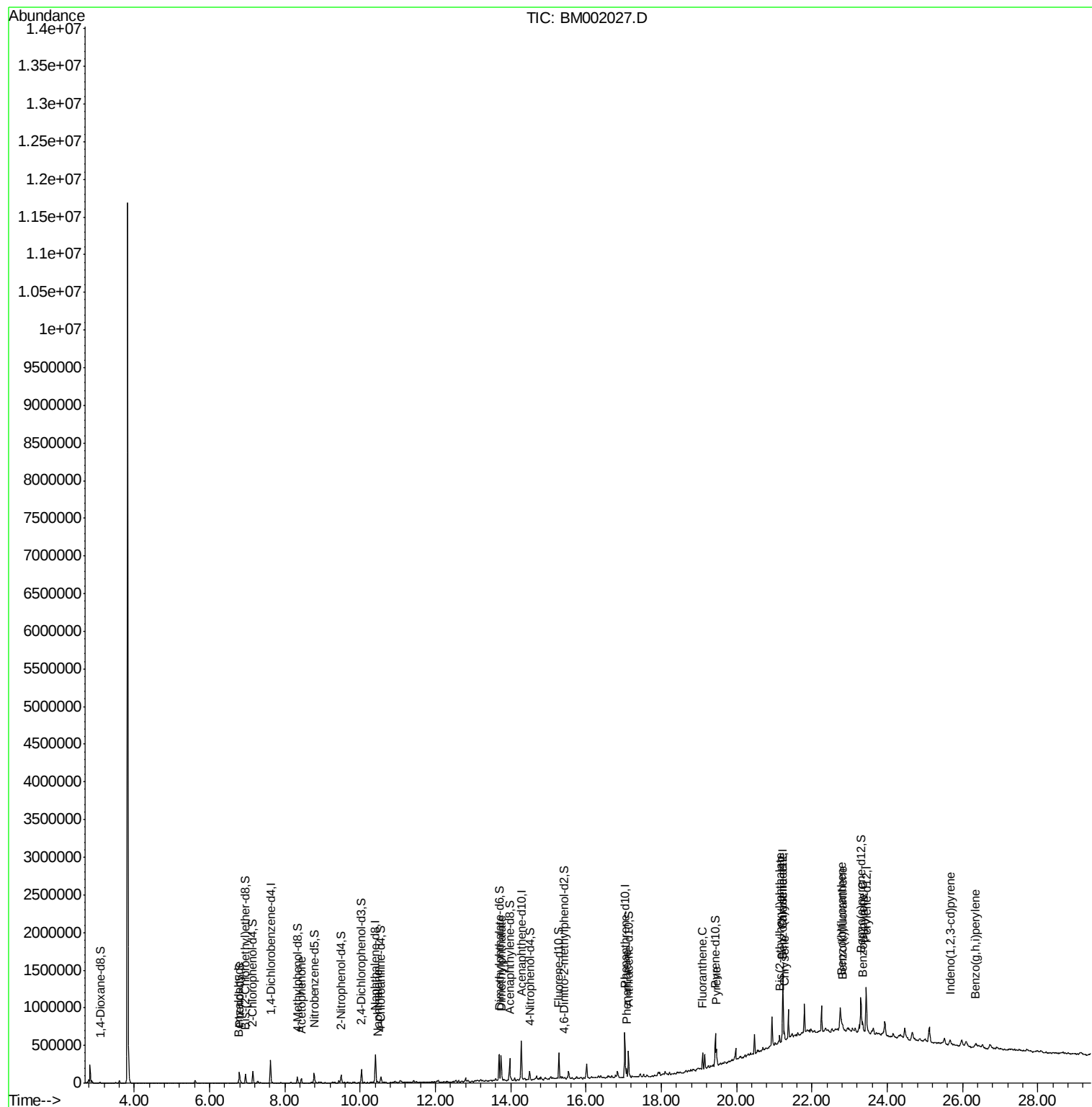
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002027.D
Acq On : 23 Jul 2015 21:38
Operator : TP/UM
Sample : G3000-22RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

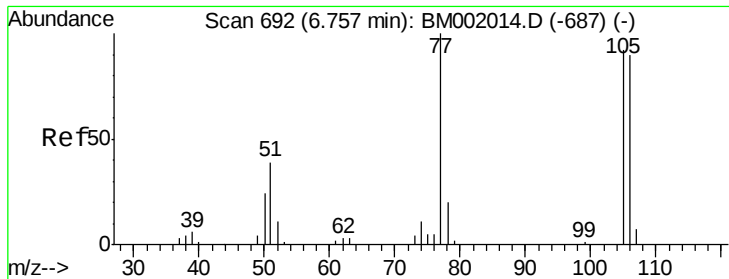
Instrument :
BNA_M
ClientSampleId :
C02K3RE

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Quant Time: Jul 24 03:53:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:29:30 2015
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.24 ng/ul

RT: 6.76 min Scan# 693

Delta R.T. 0.01 min

Lab File: BM002027.D

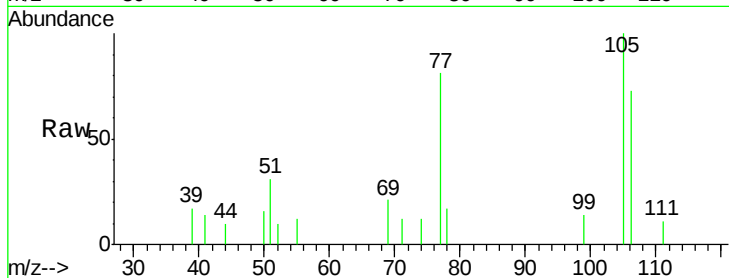
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Instrument :

BNA_M

ClientSampleId :

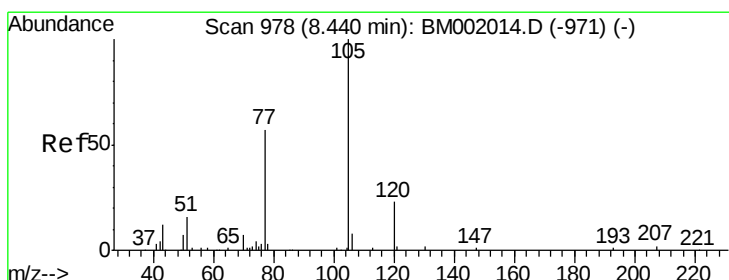
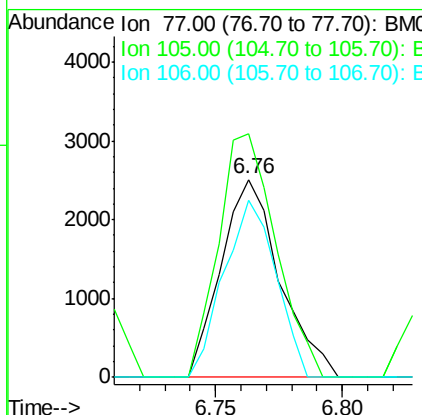
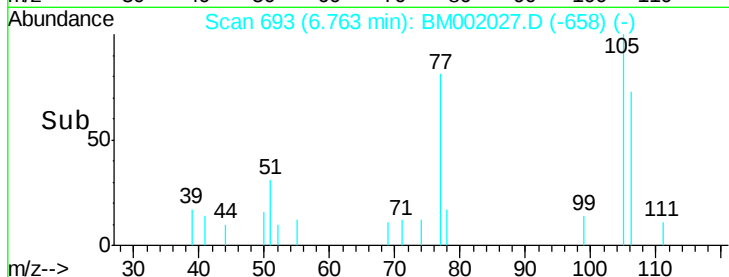
C02K3RE



Tgt Ion:	77	Resp:	4048
Ion	Ratio	Lower	Upper
77	100		
105	122.9	80.7	121.1#
106	89.7	75.6	113.4

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#14

Acetophenone

Concen: 3.47 ng/ul

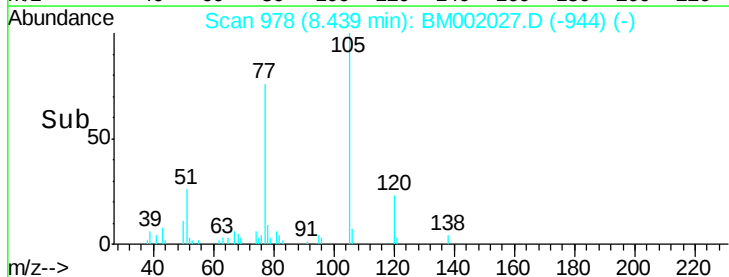
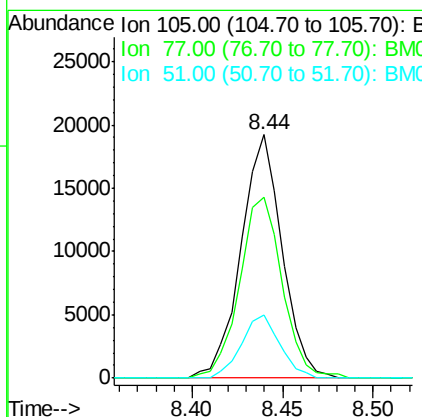
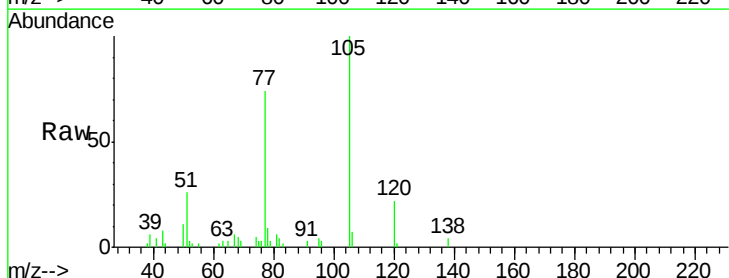
RT: 8.44 min Scan# 978

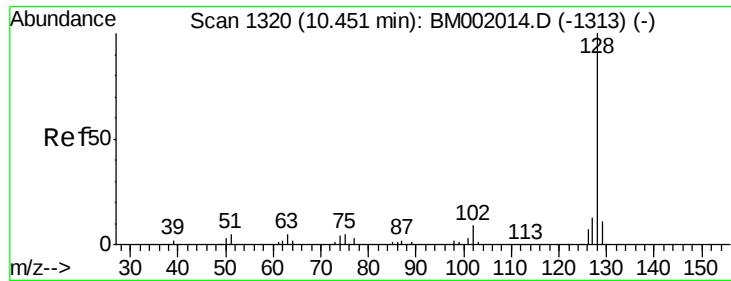
Delta R.T. -0.00 min

Lab File: BM002027.D

Acq: 23 Jul 2015 21:38

Tgt Ion:	105	Resp:	30344
Ion	Ratio	Lower	Upper
105	100		
77	74.1	62.2	93.4
51	25.7	21.4	32.0





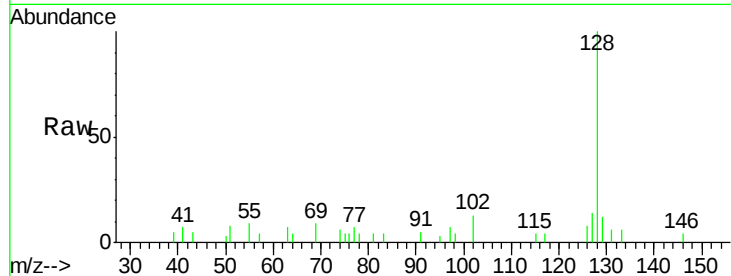
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Naphthalene
Concen: 1.12 ng/ul
RT: 10.46 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BM002027.D
Acq: 23 Jul 2015 21:38

Instrument :
BNA_M
ClientSampleId :
C02K3RE

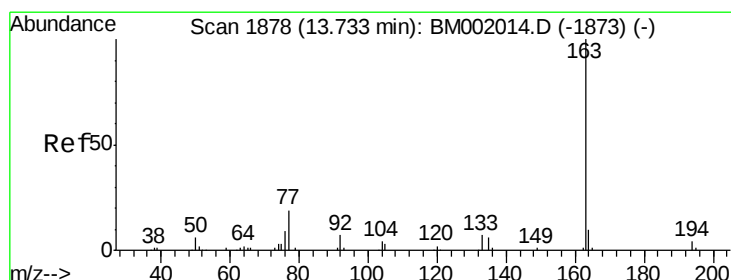
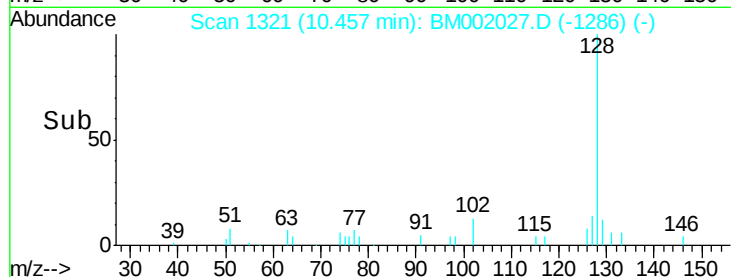
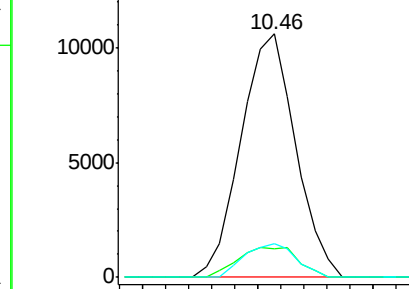
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	13.0
127	13.6	10.4	15.6

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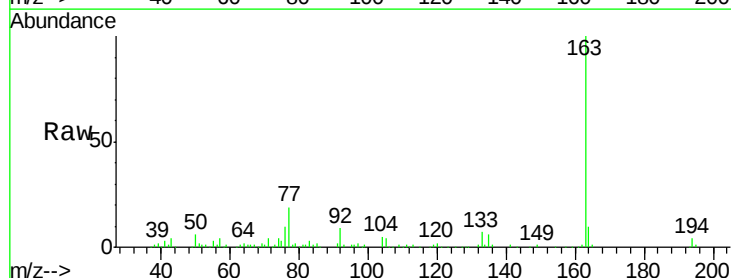


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Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

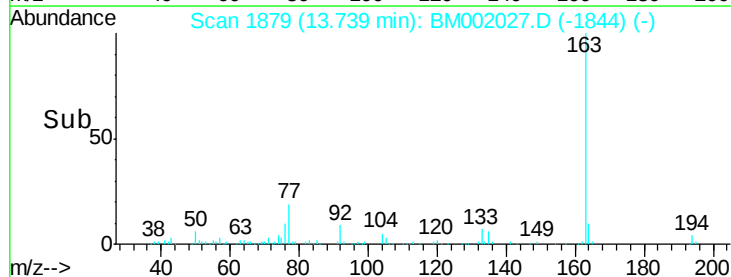
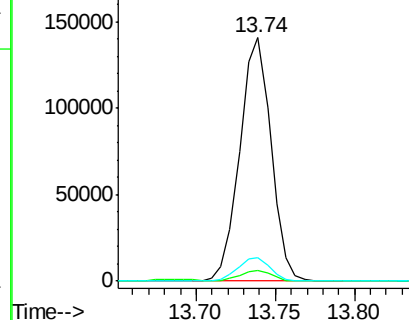


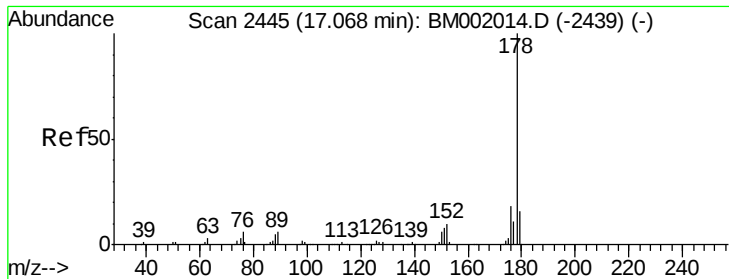
#44
Dimethylphthalate
Concen: 14.25 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. 0.01 min
Lab File: BM002027.D
Acq: 23 Jul 2015 21:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.5	8.2	12.4



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





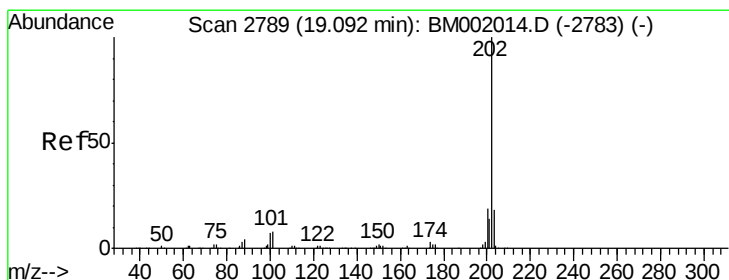
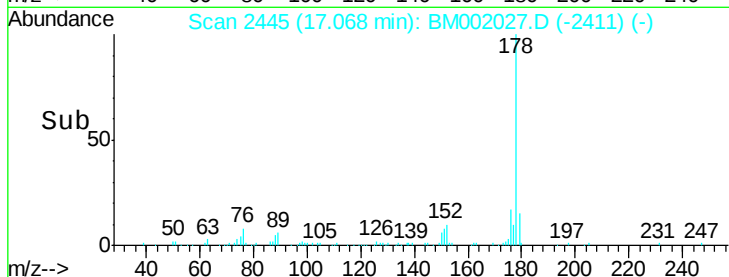
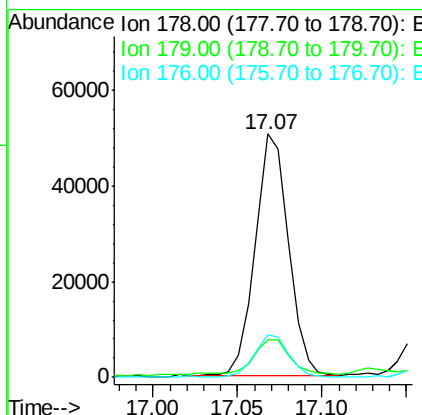
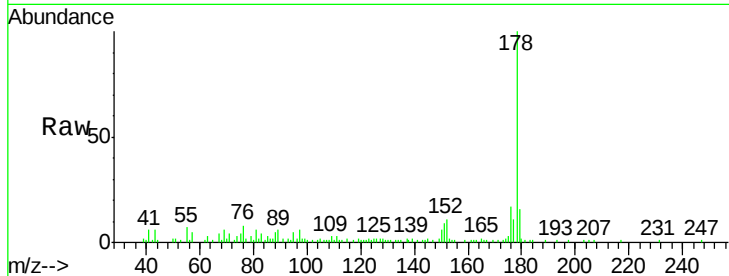
#69
Phenanthrene
Concen: 3.65 ng/ul
RT: 17.07 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BM002027.D
Acq: 23 Jul 2015 21:38

Instrument :
BNA_M
ClientSampleId :
C02K3RE

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	69660		
179	15.5	12.1	18.1	
176	17.3	14.6	21.8	

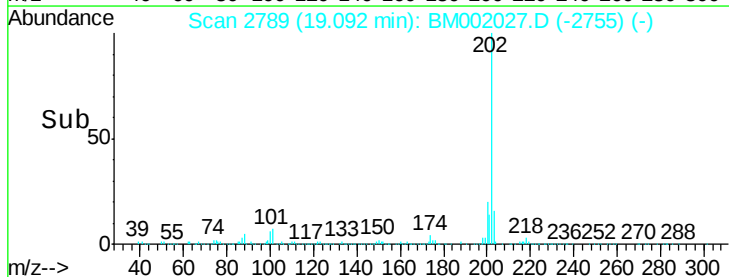
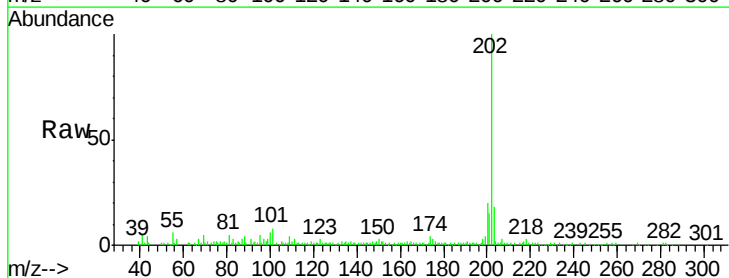
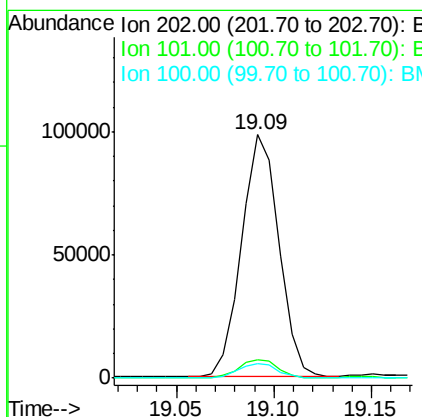
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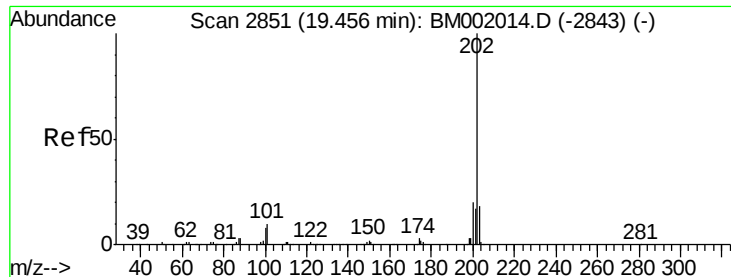
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#76
Fluoranthene
Concen: 5.84 ng/ul
RT: 19.09 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM002027.D
Acq: 23 Jul 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	130351		
101	7.7	6.3	9.5	
100	6.1	5.0	7.4	





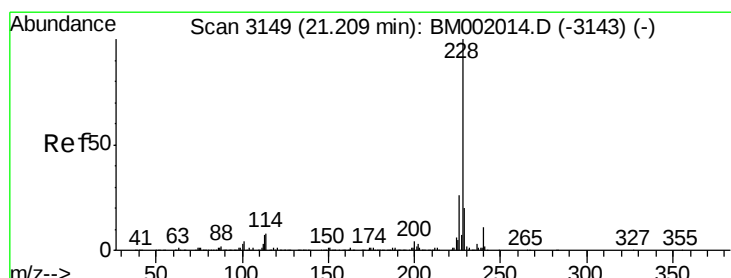
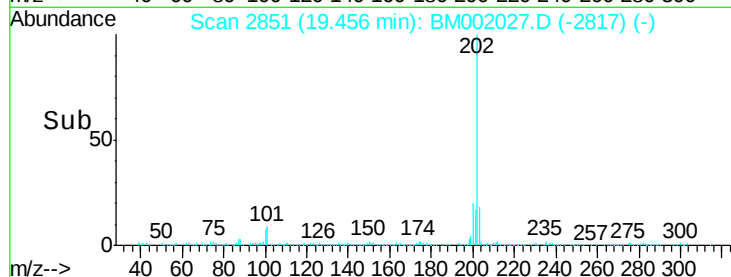
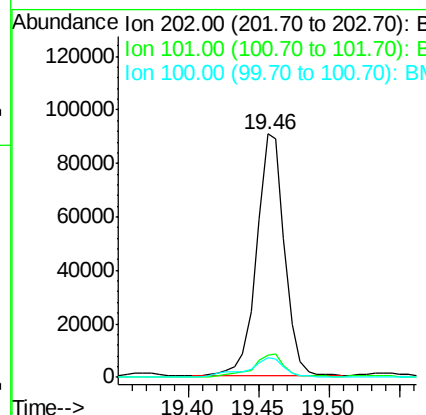
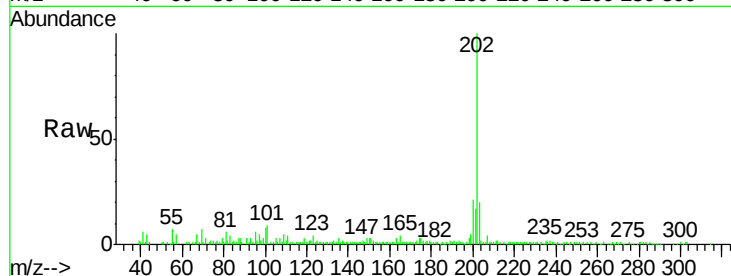
#79
 Pyrene
 Concen: 5.12 ng/ul
 RT: 19.46 min Scan# 2851
 Delta R.T. -0.00 min
 Lab File: BM002027.D
 Acq: 23 Jul 2015 21:38

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	125711		
101	9.3	7.3	10.9	
100	8.0	6.2	9.4	

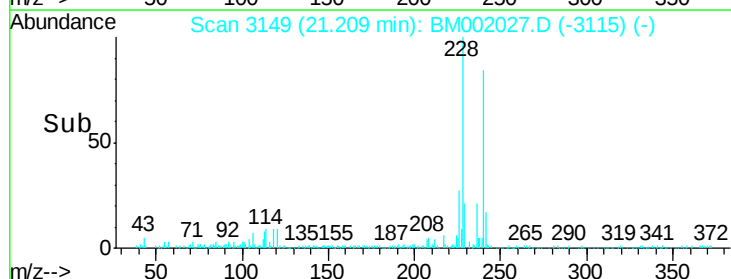
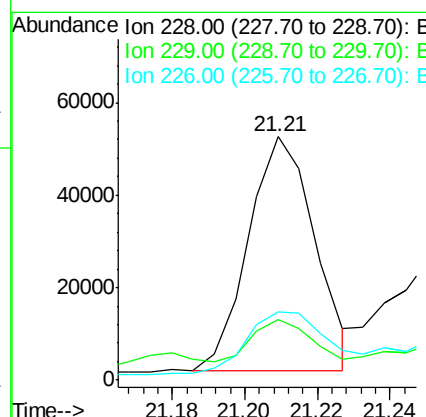
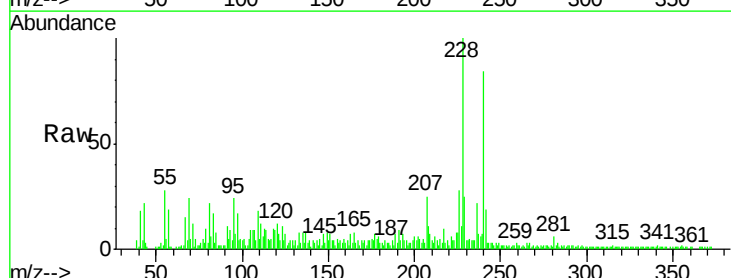
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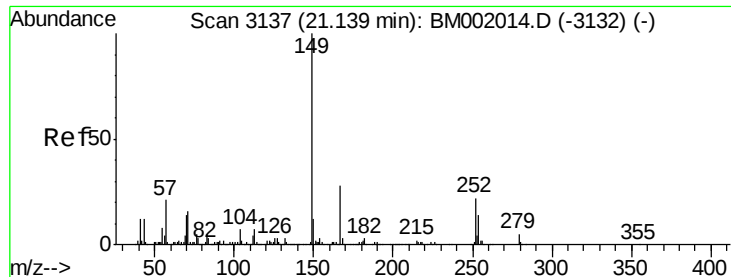
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#82
 Benzo(a)anthracene
 Concen: 2.65 ng/ul
 RT: 21.21 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BM002027.D
 Acq: 23 Jul 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	64671		
229	25.0	15.4	23.2#	
226	28.1	20.7	31.1	





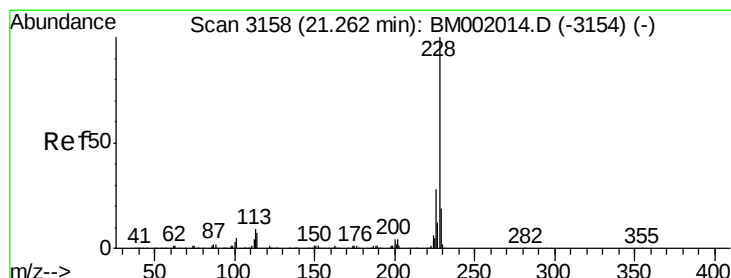
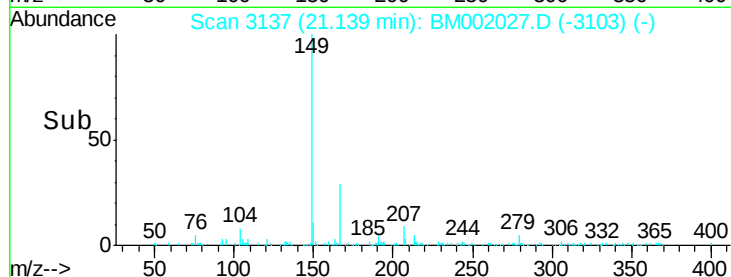
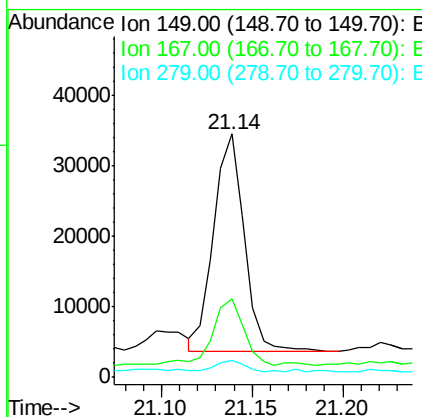
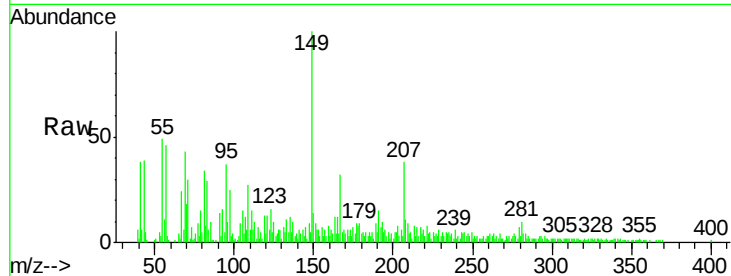
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.66 ng/ul
 RT: 21.14 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BM002027.D
 Acq: 23 Jul 2015 21:38

Instrument :
 BNA_M
 ClientSampleId :
 C02K3RE

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.3	23.2	34.8
279	7.2	4.5	6.7

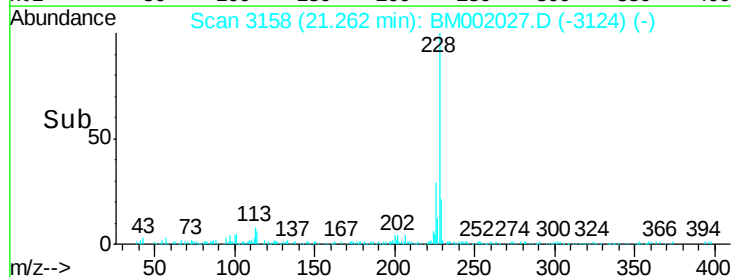
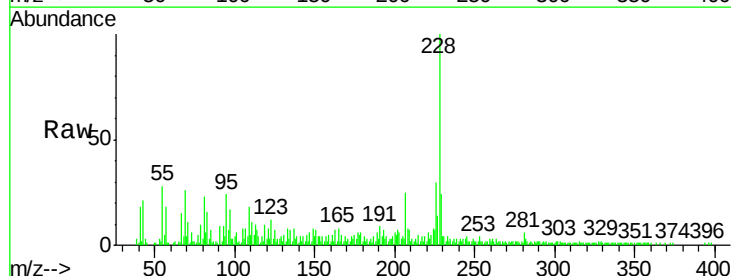
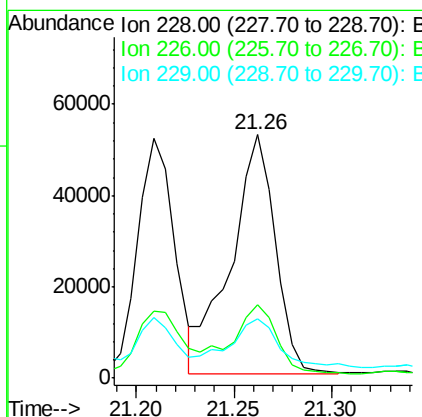
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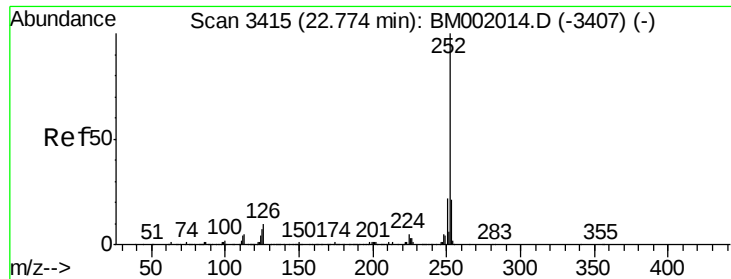
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#84
 Chrysene
 Concen: 3.62 ng/ul
 RT: 21.26 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BM002027.D
 Acq: 23 Jul 2015 21:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.0	34.4
229	24.3	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 4.26 ng/ul

RT: 22.77 min Scan# 3415

Delta R.T. -0.00 min

Lab File: BM002027.D

Acq: 23 Jul 2015 21:38

Instrument :

BNA_M

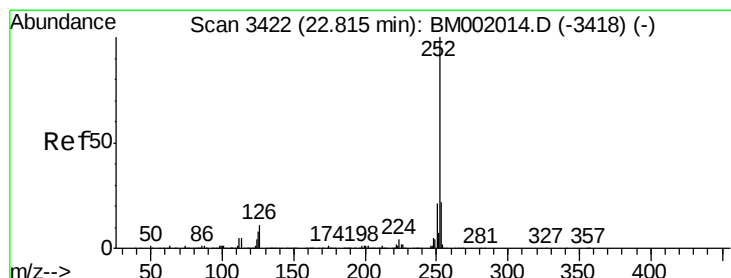
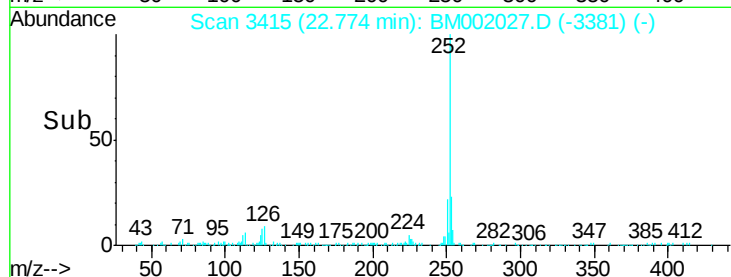
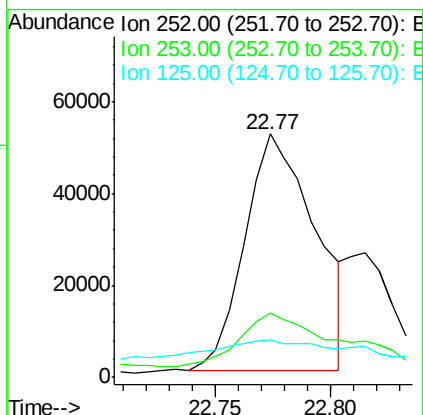
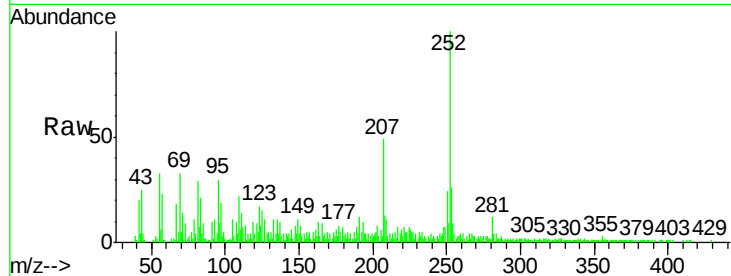
ClientSampleId :

C02K3RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.2	25.8#
125	15.2	5.3	7.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 1.50 ng/ul m

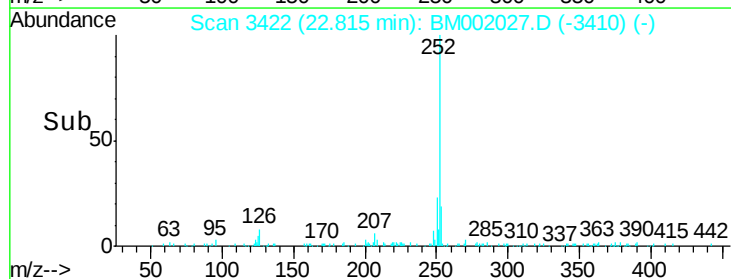
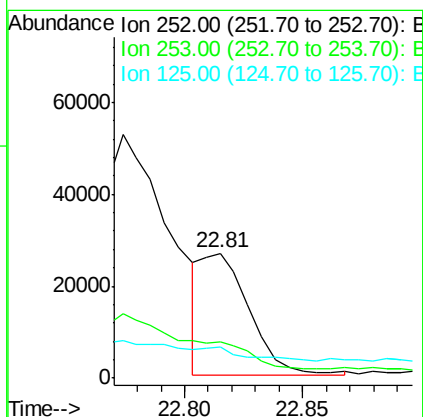
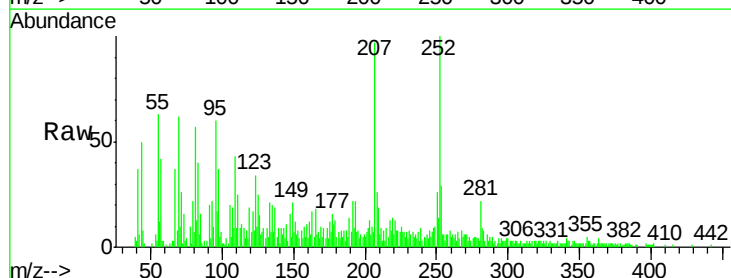
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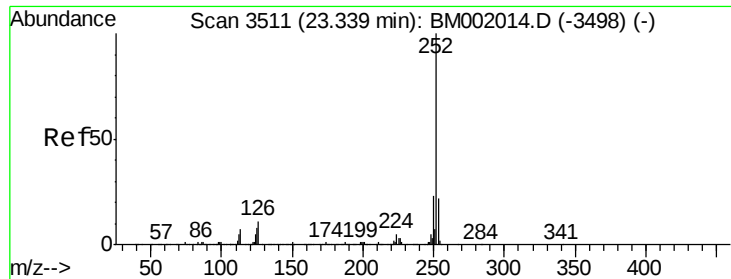
Delta R.T. -0.00 min

Lab File: BM002027.D

Acq: 23 Jul 2015 21:38

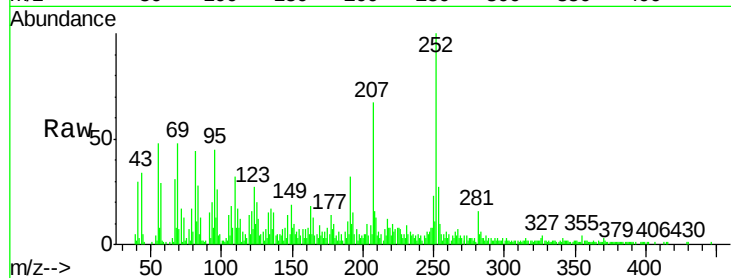
Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.4	26.2#
125	25.2	5.1	7.7#





#90
Benzo(a)pyrene
Concen: 2.82 ng/ul
RT: 23.34 min Scan# 3511
Delta R.T. -0.00 min
Lab File: BM002027.D
Acq: 23 Jul 2015 21:38

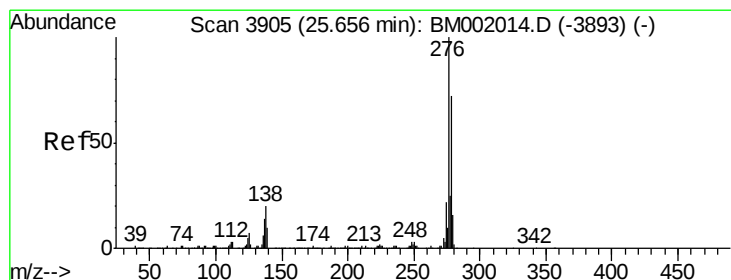
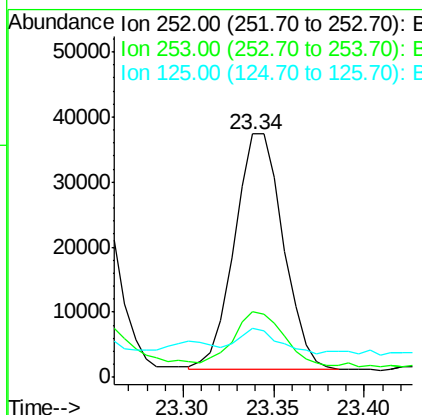
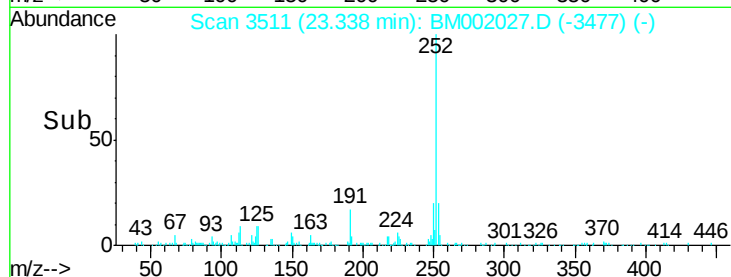
Instrument :
BNA_M
ClientSampleId :
C02K3RE



Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.6	26.4#
125	20.0	6.0	9.0#

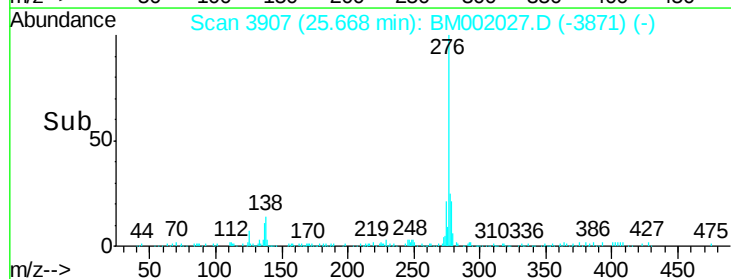
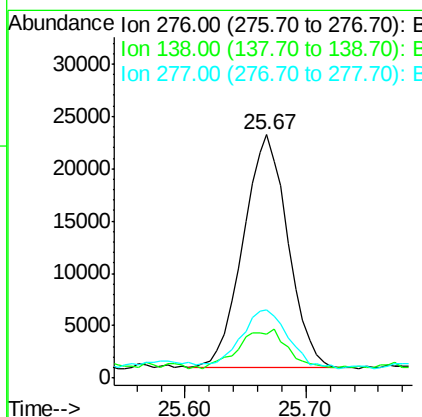
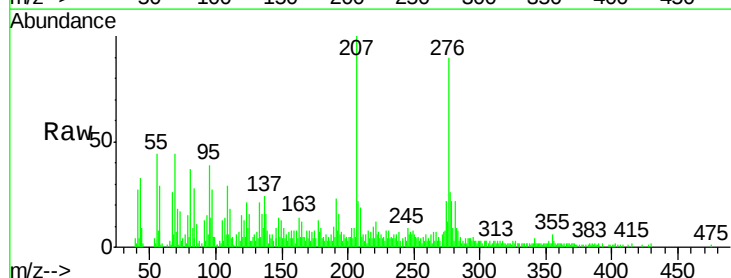
Manual Integrations
APPROVED

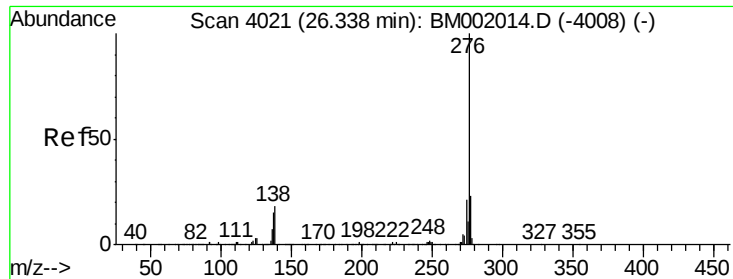
apatel
7/24/2015 4:49:40 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 2.26 ng/ul
RT: 25.67 min Scan# 3907
Delta R.T. 0.01 min
Lab File: BM002027.D
Acq: 23 Jul 2015 21:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.2	15.2	22.8
277	28.2	20.1	30.1





#93

Benzo(g,h,i)perylene

Concen: 2.99 ng/ul

RT: 26.35 min Scan# 4023

Delta R.T. 0.01 min

Lab File: BM002027.D

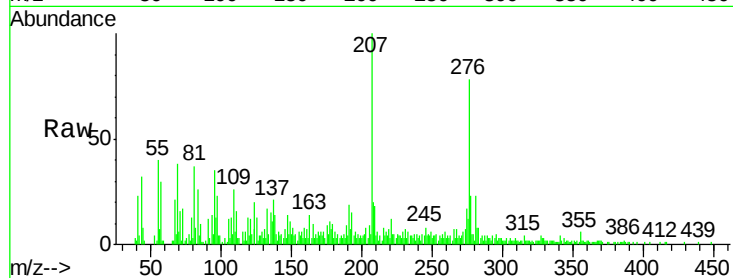
Acq: 23 Jul 2015 21:38

Instrument :

BNA_M

ClientSampleId :

C02K3RE



Tgt Ion: 276 Resp: 62020

Ion Ratio Lower Upper

276 100

138 18.0 12.7 19.1

277 29.7 18.6 28.0#

Manual Integrations
APPROVED

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7/24/2015 4:49:40 PM

