

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
 Data File : BM007864.D
 Acq On : 14 Nov 2016 20:35
 Operator : UM/SJ
 Sample : H5610-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD4M7

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Quant Time: Nov 15 03:26:37 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 02:47:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	165191	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	632725	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	411883	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	823413m	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	1107471	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1151003	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	15994	4.15	ng/uL	0.00
5) Phenol-d5	6.92	99	268868	21.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	169356	22.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	218550	22.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	212778	21.33	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	102944	22.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	111002	23.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	202955	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	175901	16.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	657440	23.44	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	754361	22.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	71940	16.22	ng/ul	0.00
57) Fluorene-d10	15.36	176	563039	22.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	80715	16.50	ng/ul	0.00
70) Anthracene-d10	17.22	188	863889	23.28	ng/ul	0.00
76) Pyrene-d10	19.52	212	1062760	23.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	1186790	23.62	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.94	94	40917	3.13 ng/ul	99
14) Acetophenone	8.56	105	16849	1.08 ng/ul	87
44) Dimethylphthalate	13.83	163	795732	29.22 ng/ul	99
69) Phenanthrene	17.16	178	106473	2.43 ng/ul	98
74) Fluoranthene	19.18	202	462462	9.04 ng/ul	99
77) Pyrene	19.54	202	456685	7.98 ng/ul	99
80) Benzo(a)anthracene	21.29	228	383088	6.47 ng/ul	97
82) Chrysene	21.34	228	360581	6.34 ng/ul	95
85) Benzo(b)fluoranthene	22.88	252	557128	8.47 ng/ul	99
86) Benzo(k)fluoranthene	22.92	252	211307m	3.49 ng/ul	
88) Benzo(a)pyrene	23.46	252	415694	6.71 ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.81	276	299864	4.04 ng/ul	95
90) Dibenzo(a,h)anthracene	25.81	278	77741	1.24 ng/ul#	80
91) Benzo(g,h,i)perylene	26.51	276	227942	3.66 ng/ul	99

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

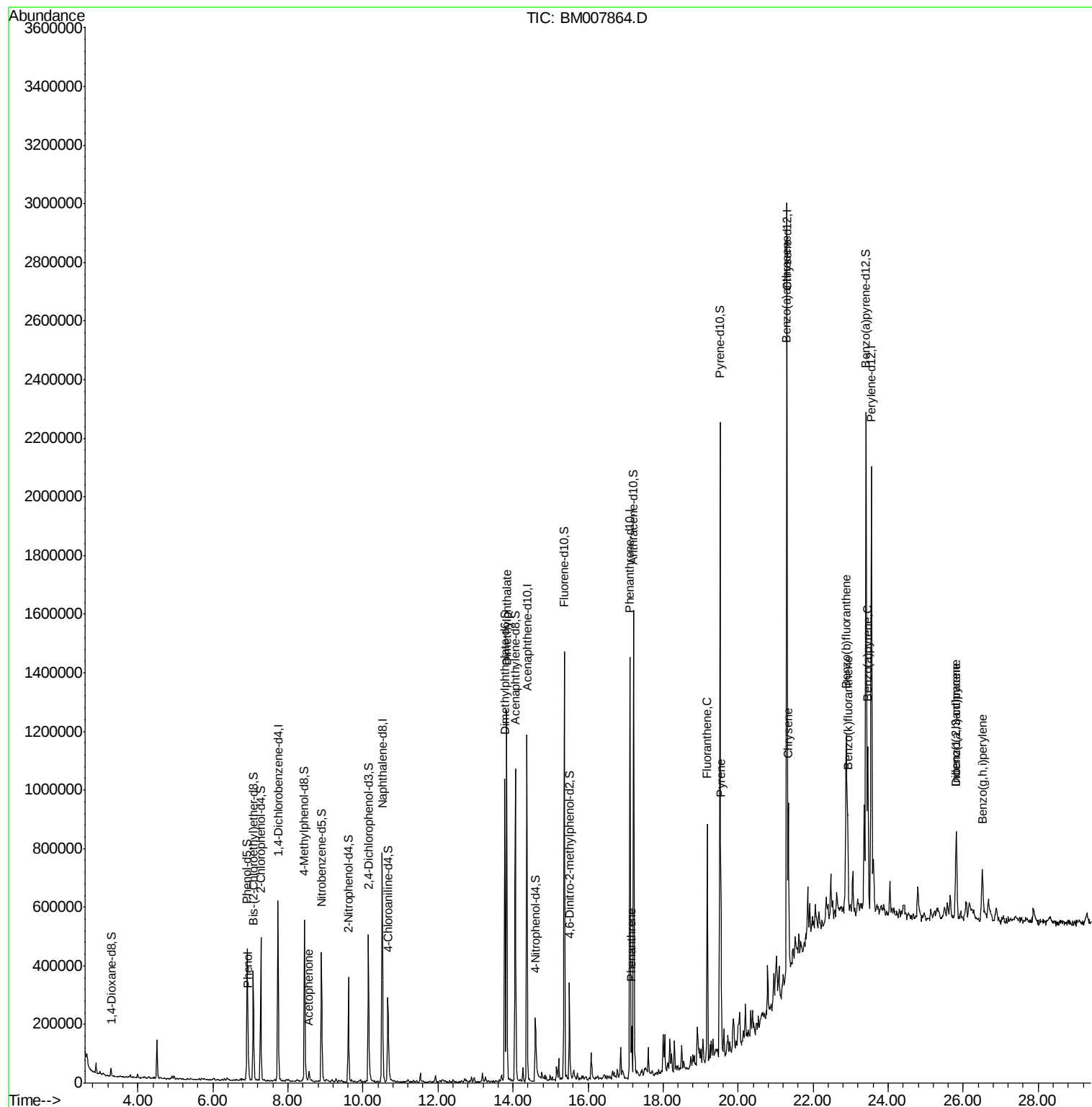
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
Data File : BM007864.D
Acq On : 14 Nov 2016 20:35
Operator : UM/SJ
Sample : H5610-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

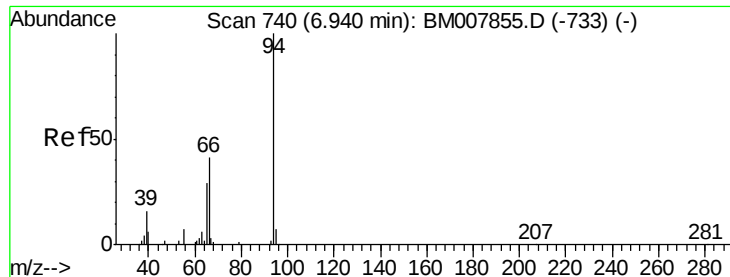
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Nov 15 03:26:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 02:47:54 2016
Response via : Initial Calibration





#6

Phenol

Concen: 3.13 ng/ul

RT: 6.94 min Scan# 740

Delta R.T. -0.00 min

Lab File: BM007864.D

Acq: 14 Nov 2016 20:35

Instrument :

BNA_M

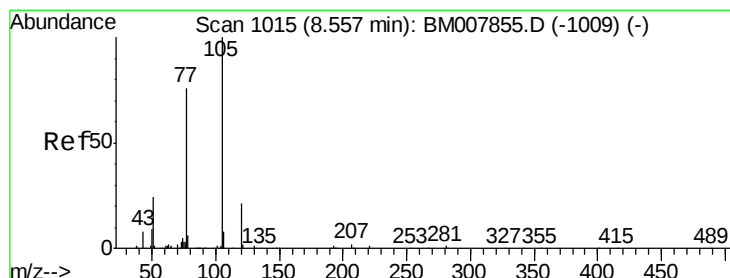
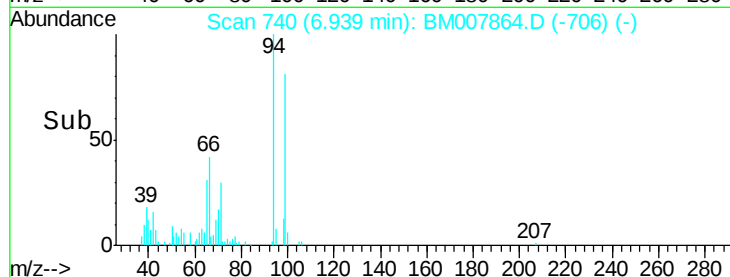
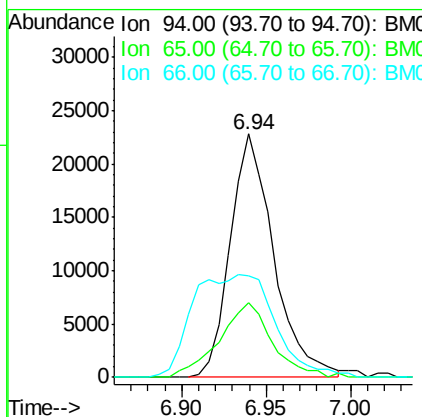
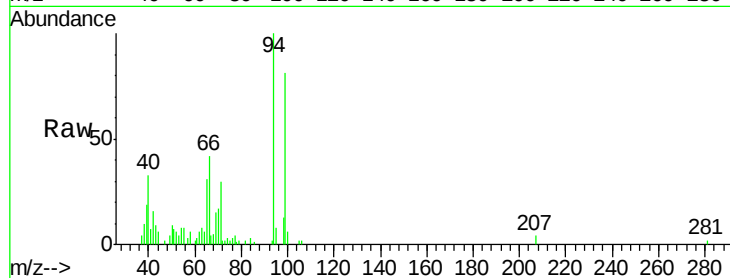
ClientSampleId :

BD4M7

Tgt Ion:	94	Resp:	40917
Ion Ratio	Lower	Upper	
94	100		
65	30.8	23.9	35.9
66	41.7	33.5	50.3

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#14

Acetophenone

Concen: 1.08 ng/ul

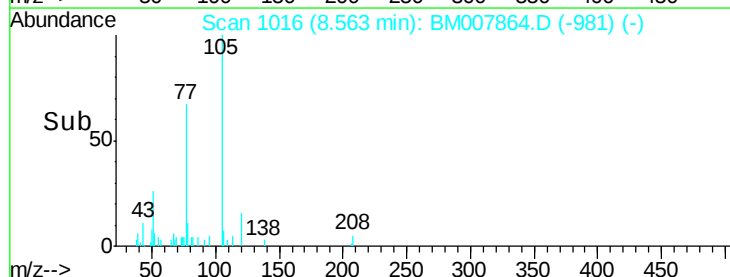
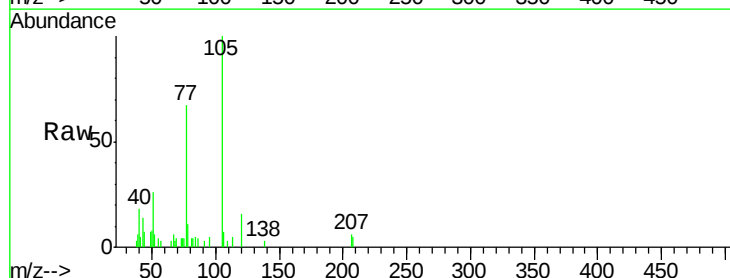
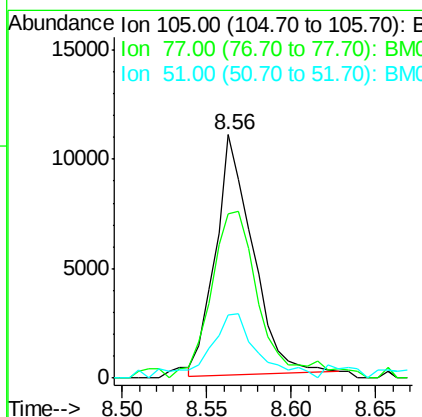
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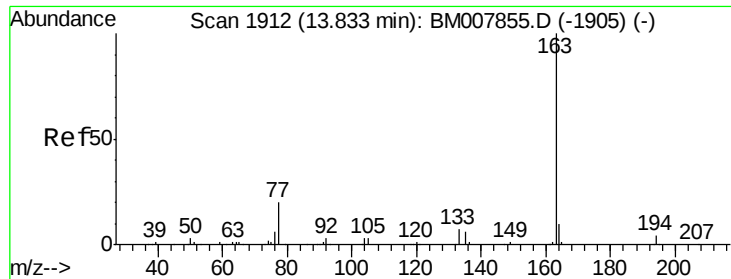
Delta R.T. 0.01 min

Lab File: BM007864.D

Acq: 14 Nov 2016 20:35

Tgt Ion:	105	Resp:	16849
Ion Ratio	Lower	Upper	
105	100		
77	67.2	65.9	98.9
51	26.0	22.2	33.2





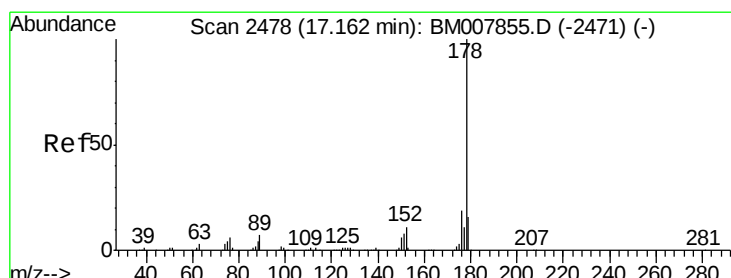
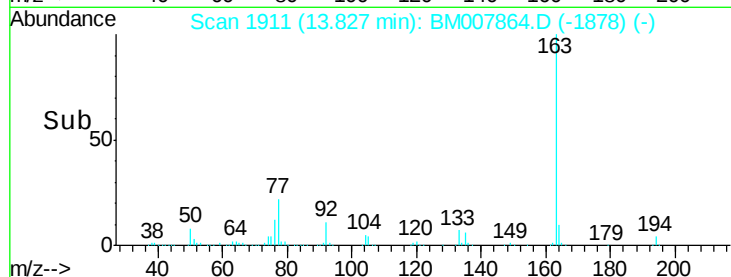
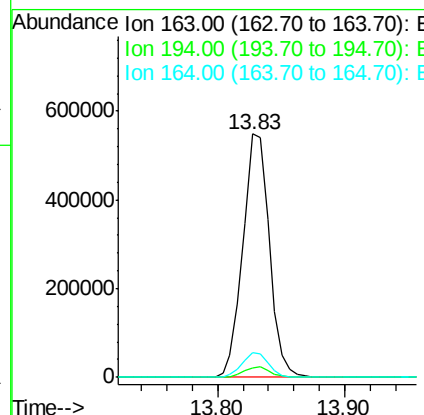
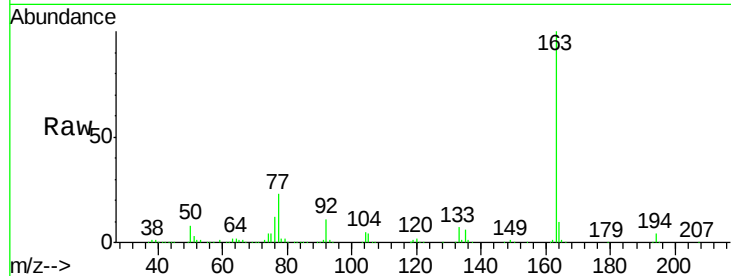
#44
Dimethylphthalate
Concen: 29.22 ng/ul
RT: 13.83 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM007864.D
Acq: 14 Nov 2016 20:35

Instrument :
BNA_M
ClientSampleId :
BD4M7

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	795732		
194	4.1		3.4	5.2
164	10.1		7.8	11.8

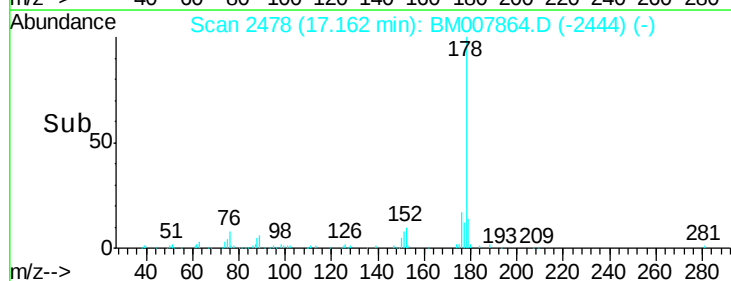
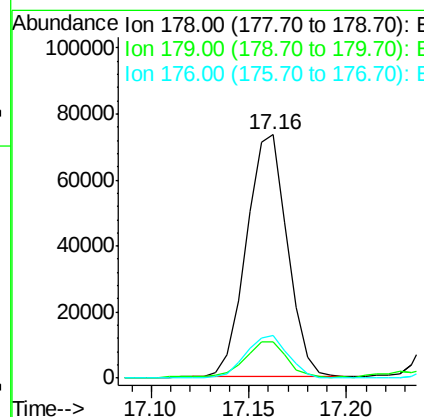
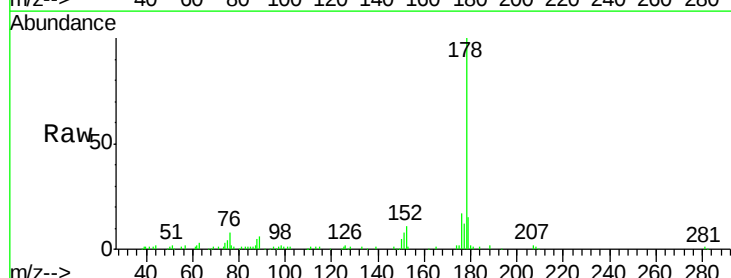
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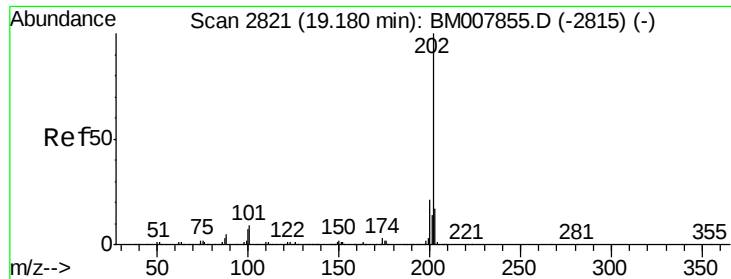
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#69
Phenanthrene
Concen: 2.43 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM007864.D
Acq: 14 Nov 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	106473		
179	14.9		12.2	18.2
176	17.4		15.1	22.7





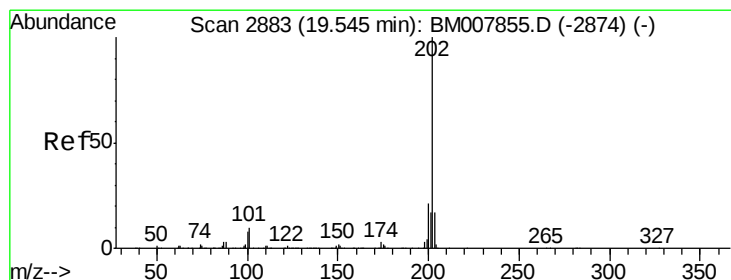
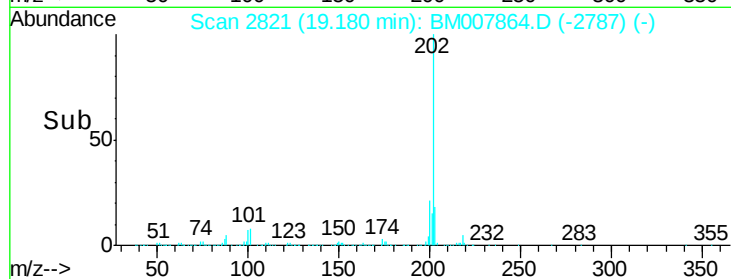
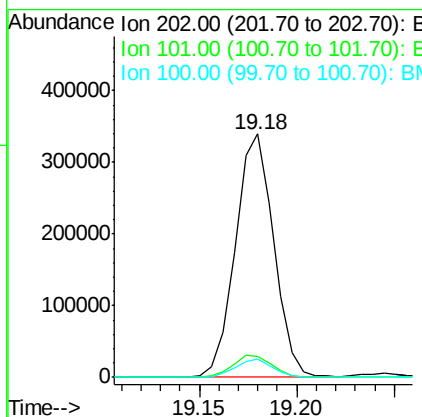
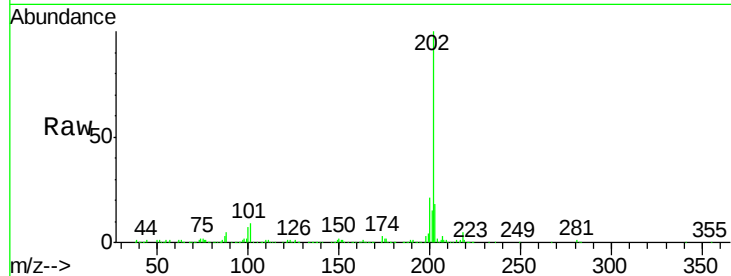
#74
 Fluoranthene
 Concen: 9.04 ng/ul
 RT: 19.18 min Scan# 2821
 Delta R.T. -0.00 min
 Lab File: BM007864.D
 Acq: 14 Nov 2016 20:35

Instrument :
 BNA_M
 ClientSampleId :
 BD4M7

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.6	6.9	10.3
100	7.4	5.4	8.0

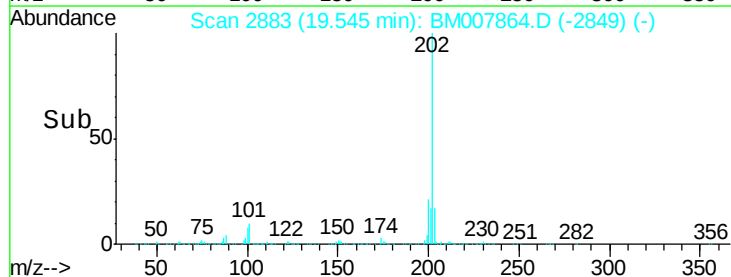
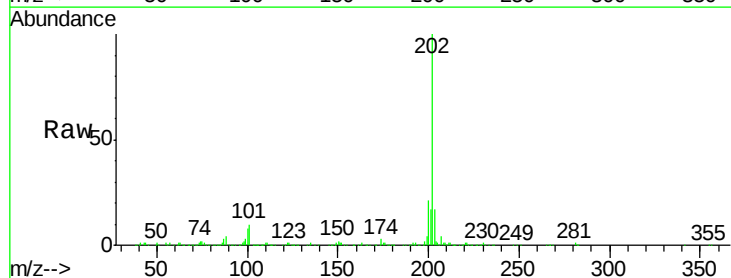
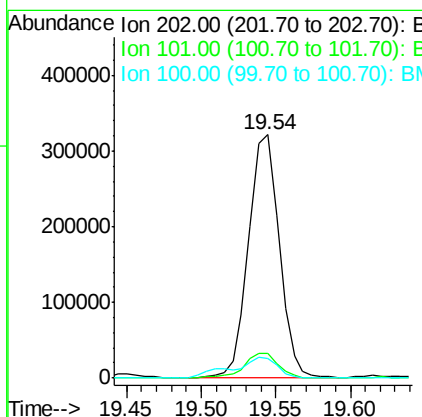
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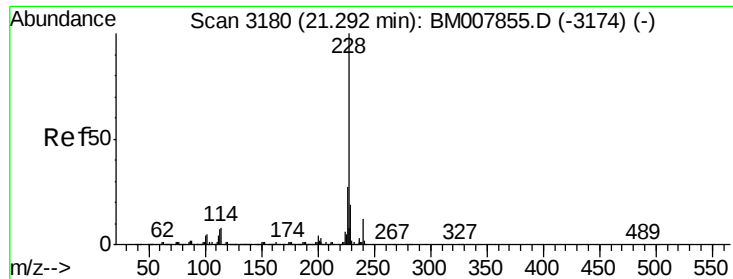
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#77
 Pyrene
 Concen: 7.98 ng/ul
 RT: 19.54 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BM007864.D
 Acq: 14 Nov 2016 20:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.2	8.4	12.6
100	8.1	6.9	10.3





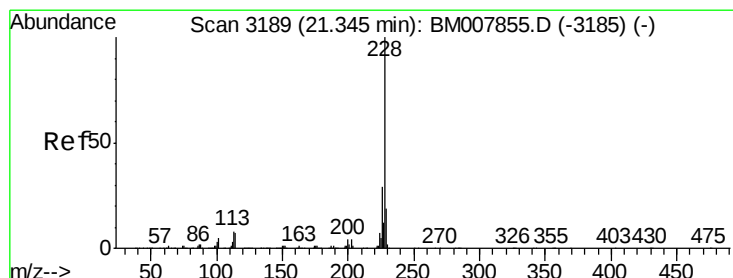
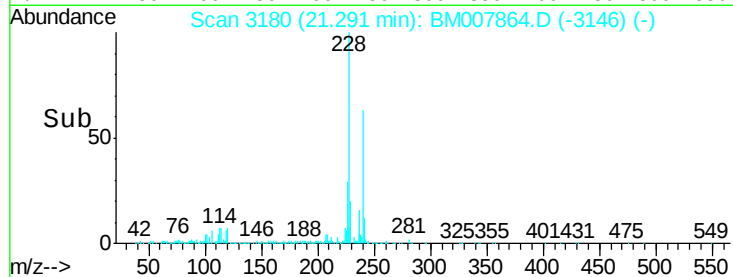
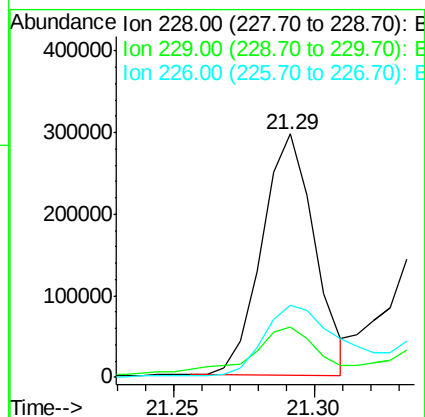
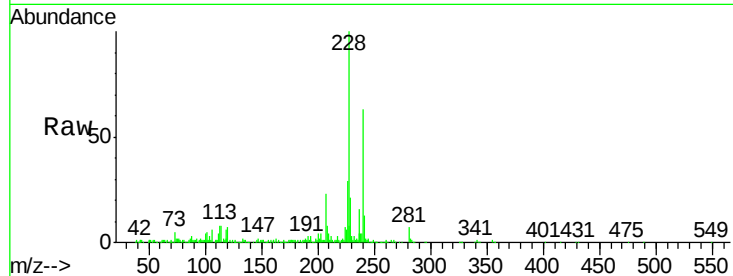
#80
Benzo(a)anthracene
Concen: 6.47 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BM007864.D
Acq: 14 Nov 2016 20:35

Instrument :
BNA_M
ClientSampleId :
BD4M7

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	29.4	21.8	32.8

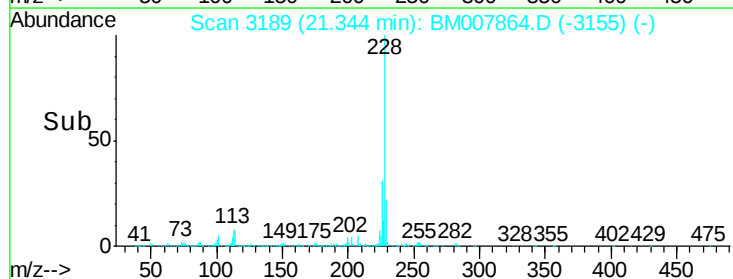
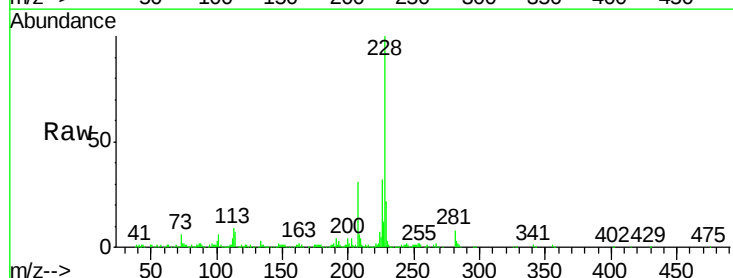
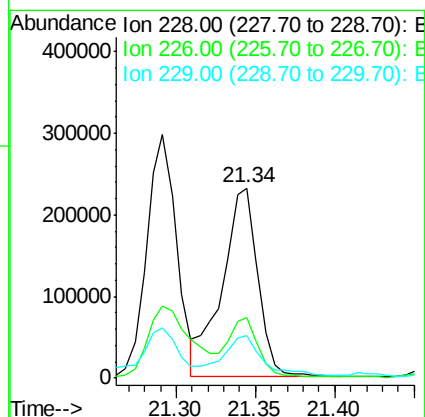
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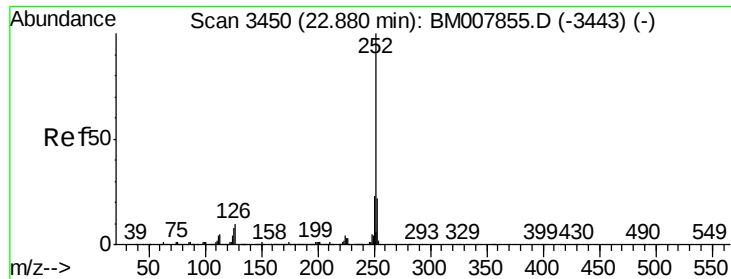
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#82
Chrysene
Concen: 6.34 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. -0.00 min
Lab File: BM007864.D
Acq: 14 Nov 2016 20:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.2
229	22.3	15.5	23.3





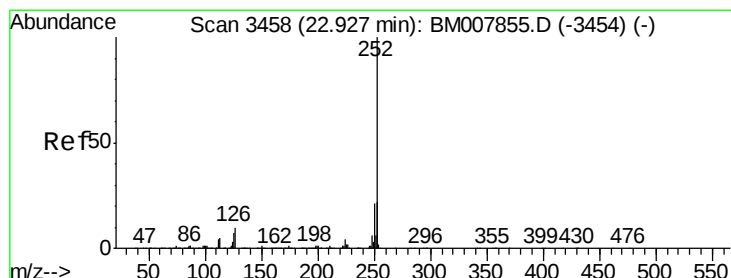
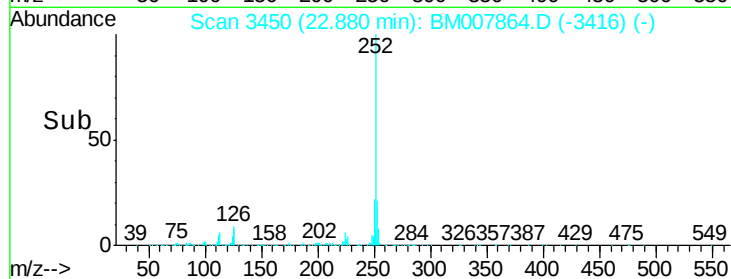
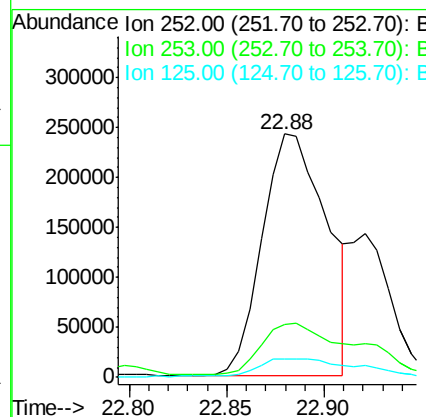
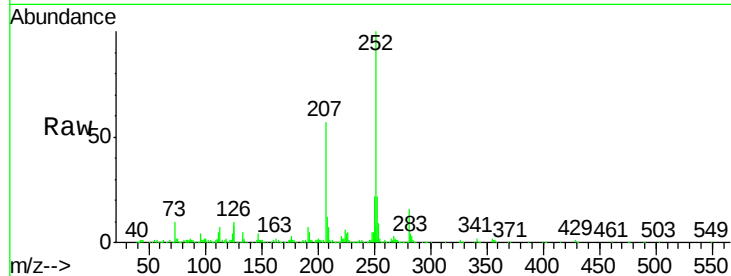
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Benzo(b)fluoranthene
Concen: 8.47 ng/ul
RT: 22.88 min Scan# 3450
Delta R.T. -0.00 min
Lab File: BM007864.D
Acq: 14 Nov 2016 20:35

Instrument :
BNA_M
ClientSampleId :
BD4M7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	7.7	5.8	8.8

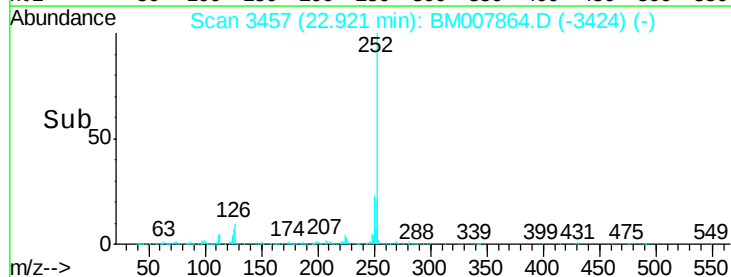
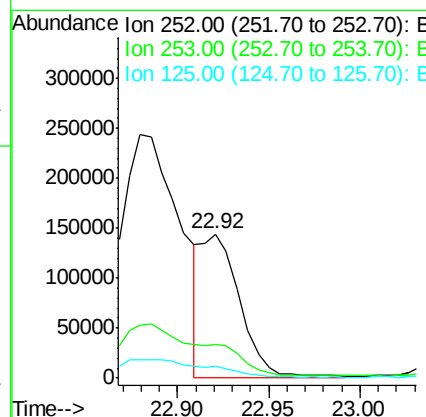
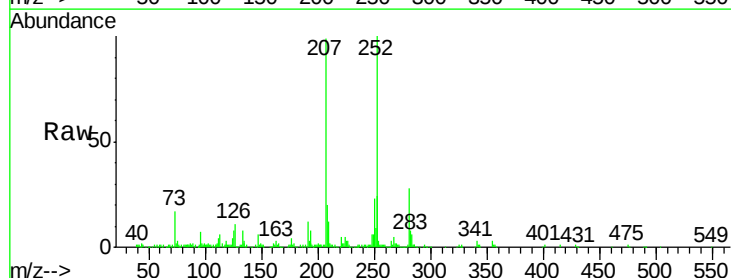
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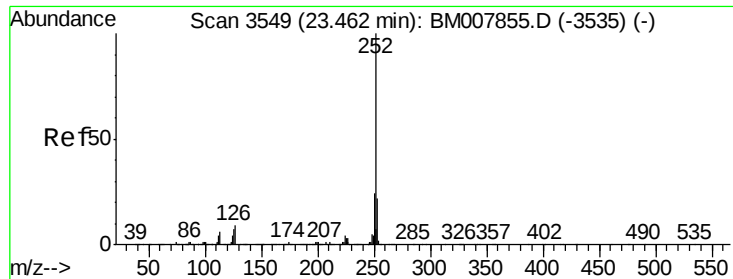
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#86
Benzo(k)fluoranthene
Concen: 3.49 ng/ul m
RT: 22.92 min Scan# 3457
Delta R.T. -0.01 min
Lab File: BM007864.D
Acq: 14 Nov 2016 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	8.0	5.7	8.5





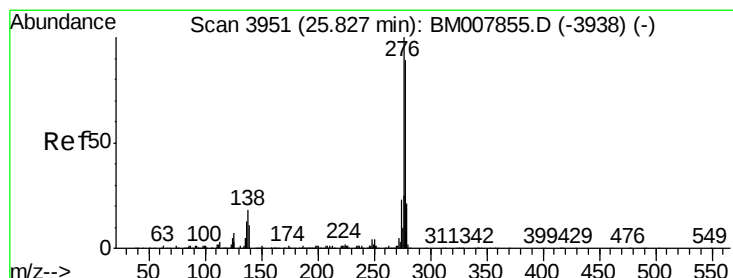
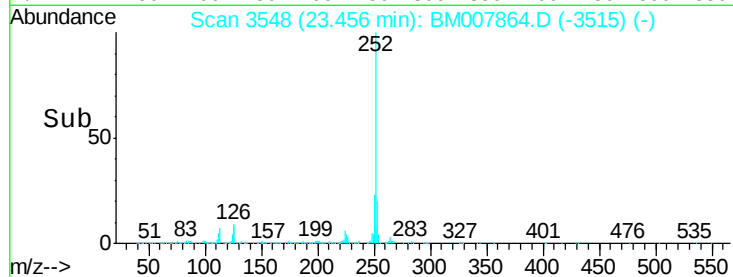
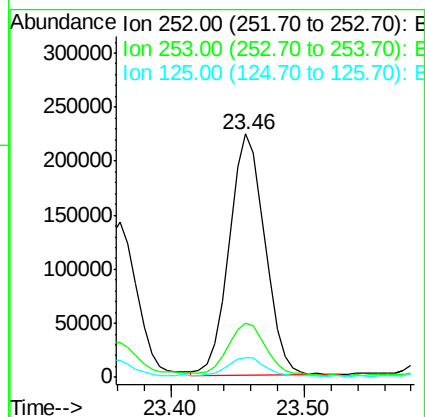
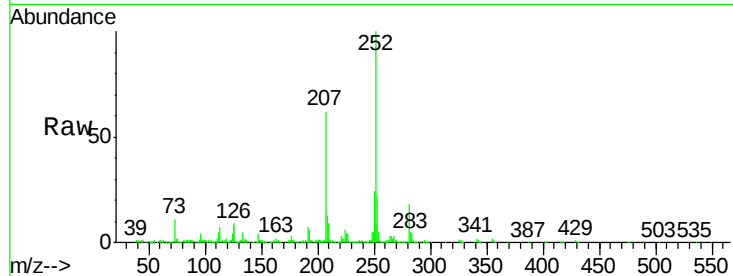
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Benzo(a)pyrene
Concen: 6.71 ng/ul
RT: 23.46 min Scan# 3548
Delta R.T. -0.01 min
Lab File: BM007864.D
Acq: 14 Nov 2016 20:35

Instrument :
BNA_M
ClientSampleId :
BD4M7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	8.2	6.6	9.8

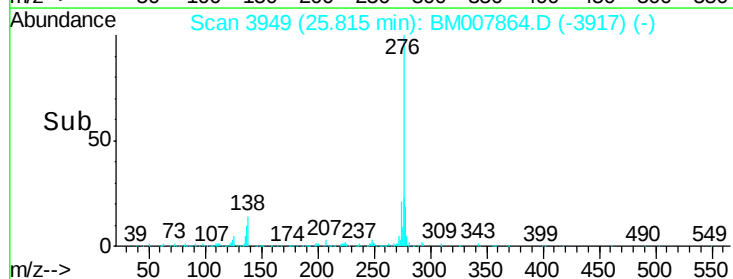
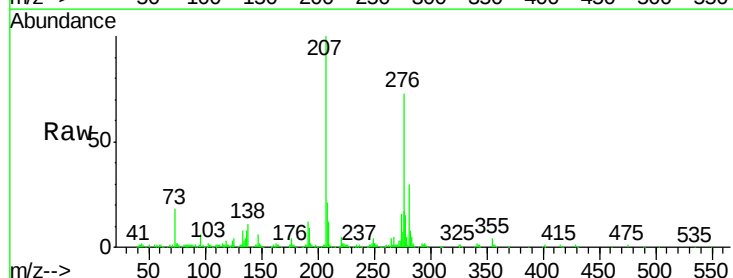
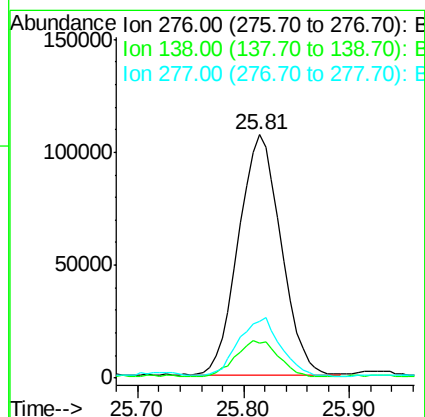
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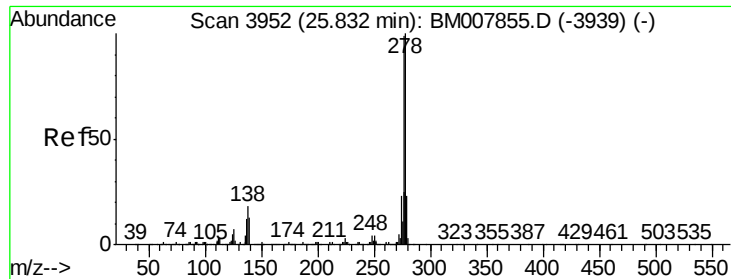
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#89
Indeno(1,2,3-cd)pyrene
Concen: 4.04 ng/ul
RT: 25.81 min Scan# 3949
Delta R.T. -0.01 min
Lab File: BM007864.D
Acq: 14 Nov 2016 20:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	13.9	20.9
277	23.4	20.1	30.1





#90

Dibenzo(a,h)anthracene

Concen: 1.24 ng/ul

RT: 25.81 min Scan# 3949

Delta R.T. -0.02 min

Lab File: BM007864.D

Acq: 14 Nov 2016 20:35

Instrument :

BNA_M

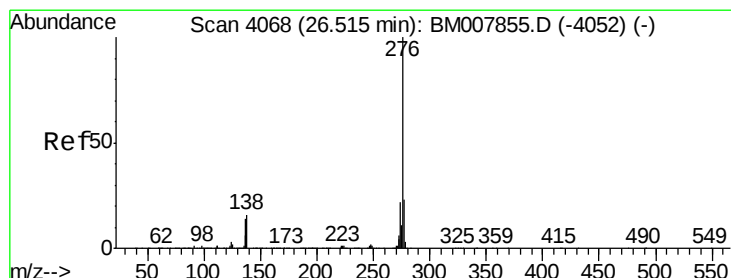
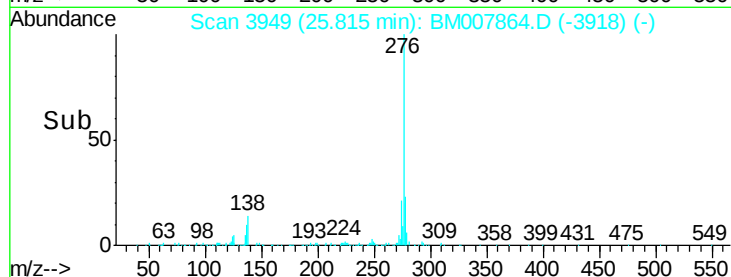
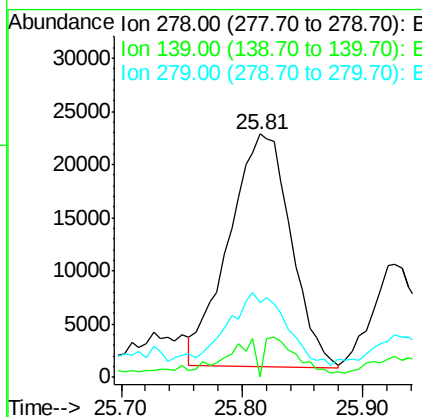
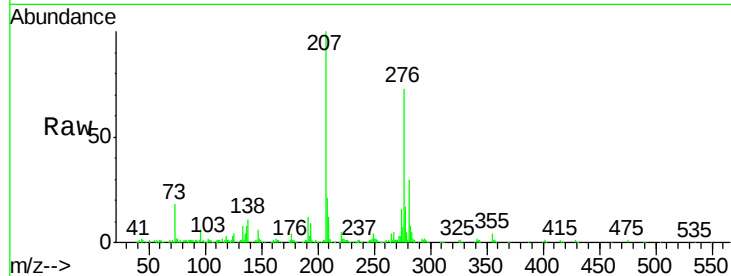
ClientSampleId :

BD4M7

Tgt Ion:	278	Resp:	77741
Ion Ratio	Lower	Upper	
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139	0.0	9.5	14.3#
279	30.8	19.1	28.7#

Manual Integrations
APPROVED

umangi
11/15/2016 3:08:13 PM



#91

Benzo(g,h,i)perylene

Concen: 3.66 ng/ul

RT: 26.51 min Scan# 4068

Delta R.T. -0.00 min

Lab File: BM007864.D

Acq: 14 Nov 2016 20:35

Tgt Ion:	276	Resp:	227942
Ion Ratio	Lower	Upper	
276	100		
138	15.8	13.5	20.3
277	23.9	19.3	28.9

